

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111593.D
 Acq On : 19 Dec 2018 16:01
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 12/20/2018 12:41:49 PM

Quant Time: Dec 19 16:42:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	220600	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	791947	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	392942	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	737584	20.00	ng	0.00
76) Chrysene-d12	14.05	240	517298	20.00	ng	0.00
87) Perylene-d12	15.52	264	442873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1226935	92.55	ng	0.00
7) Phenol-d6	6.52	99	1563512	88.67	ng	0.00
23) Nitrobenzene-d5	7.46	82	1397287	105.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	455166	129.31	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2505344	98.48	ng	0.00
79) Terphenyl-d14	13.00	244	2699498	122.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	294242	45.956	ng	97
3) Pyridine	3.46	79	766621	47.674	ng	98
4) n-Nitrosodimethylamine	3.41	42	379116	51.904	ng	85
6) Aniline	6.56	93	1018254	46.552	ng	99
8) 2-Chlorophenol	6.69	128	685530	43.279	ng	98
9) Benzaldehyde	6.45	77	520388	48.654	ng	96
10) Phenol	6.54	94	902468	45.942	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	668371	43.404	ng	96
12) 1,3-Dichlorobenzene	6.84	146	795151	45.604	ng	99
13) 1,4-Dichlorobenzene	6.92	146	812396	45.903	ng	98
14) 1,2-Dichlorobenzene	7.07	146	748024	44.927	ng	97
15) Benzyl Alcohol	7.03	79	634644	47.300	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1217834	40.505	ng	100
17) 2-Methylphenol	7.15	107	553952	43.455	ng	97
18) Hexachloroethane	7.42	117	278967	42.355	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	516636	44.408	ng	98
20) 3+4-Methylphenols	7.30	107	690535	43.184	ng	# 84
22) Acetophenone	7.31	105	949129	53.687	ng	# 85
24) Nitrobenzene	7.48	77	731503	53.919	ng	99
25) Isophorone	7.72	82	1166885	51.856	ng	100
26) 2-Nitrophenol	7.79	139	312472	44.413	ng	94
27) 2,4-Dimethylphenol	7.83	122	537477	52.695	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	776075	49.958	ng	99
29) 2,4-Dichlorophenol	8.03	162	601251	55.220	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	664202	58.272	ng	97
31) Naphthalene	8.20	128	1813954	48.971	ng	97
32) Benzoic acid	7.95	122	389249m	44.162	ng	
33) 4-Chloroaniline	8.25	127	783883	47.591	ng	100
34) Hexachlorobutadiene	8.33	225	408977	65.127	ng	98
35) Caprolactam	8.62	113	200192	49.521	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	583136	48.656	ng	100
37) 2-Methylnaphthalene	8.89	142	1182261	47.168	ng	99
38) 1-Methylnaphthalene	8.99	142	1134371	46.846	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	629188	58.387	ng	97

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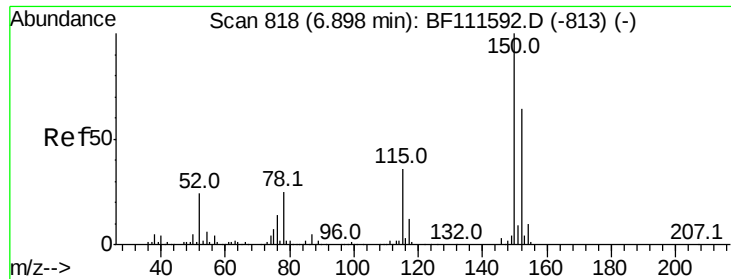
Manual Integrations
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Sohil
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	318727	57.609	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	425706	55.817	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	431798	53.204	nq	93
46) 1,1'-Biphenyl	9.36	154	1592686	47.836	nq	97
47) 2-Chloronaphthalene	9.38	162	1257668	49.695	nq	96
48) 2-Nitroaniline	9.47	65	356600	43.397	nq	99
49) Acenaphthylene	9.80	152	1846530	49.155	nq	96
50) Dimethylphthalate	9.66	163	1383085	48.874	nq	98
51) 2,6-Dinitrotoluene	9.71	165	296449	46.540	nq #	83
52) Acenaphthene	9.97	154	1145702	48.254	nq	99
53) 3-Nitroaniline	9.88	138	324573	41.951	nq #	99
54) 2,4-Dinitrophenol	9.98	184	83073	34.280	nq #	56
55) Dibenzofuran	10.14	168	1710430	49.629	nq	97
56) 4-Nitrophenol	10.03	139	249488	46.595	nq	95
57) 2,4-Dinitrotoluene	10.11	165	367205	43.921	nq	93
58) Fluorene	10.48	166	1203507	48.144	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	364855	57.538	nq	90
60) Diethylphthalate	10.36	149	1353840	47.229	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	674169	55.123	nq	91
62) 4-Nitroaniline	10.49	138	306890	40.069	nq	88
63) Azobenzene	10.63	77	1361756	48.187	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	149081	35.802	nq	80
66) n-Nitrosodiphenylamine	10.59	169	1181940	46.468	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	441916	55.589	nq	92
68) Hexachlorobenzene	11.03	284	490836	60.023	nq #	93
69) Atrazine	11.12	200	407677	55.460	nq	97
70) Pentachlorophenol	11.22	266	321311	64.062	nq	96
71) Phenanthrene	11.44	178	1850127	48.679	nq	96
72) Anthracene	11.49	178	1869003	48.085	nq	97
73) Carbazole	11.64	167	1788462	44.496	nq	96
74) Di-n-butylphthalate	11.98	149	2017649	45.074	nq	97
75) Fluoranthene	12.63	202	1859011	49.998	nq	97
77) Benzidine	12.74	184	949658	49.940	nq	98
78) Pyrene	12.86	202	1885940	51.710	nq	98
80) Butylbenzylphthalate	13.47	149	768996	43.257	nq #	88
81) Benzo(a)anthracene	14.04	228	1429894	50.836	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	572589	50.075	nq	97
83) Chrysene	14.07	228	1431413	48.308	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	923234	40.660	nq	98
85) Di-n-octyl phthalate	14.64	149	1404456	36.670	nq	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	1315288	61.504	nq #	90
88) Benzo(b)fluoranthene	15.09	252	1280476	49.592	nq #	95
89) Benzo(k)fluoranthene	15.12	252	1181064	47.872	nq #	96
90) Benzo(a)pyrene	15.46	252	1159007	49.778	nq #	95
91) Dibenzo(a,h)anthracene	17.02	278	1107981	60.325	nq #	92
92) Benzo(g,h,i)perylene	17.44	276	1092899	60.620	nq #	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

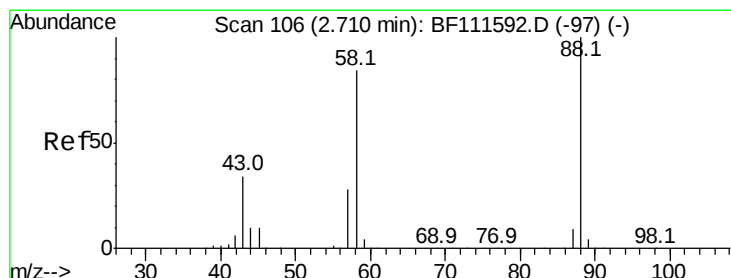
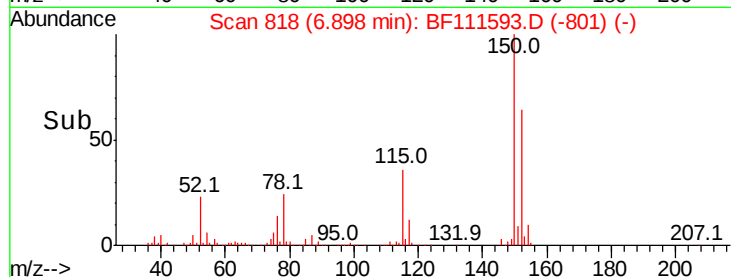
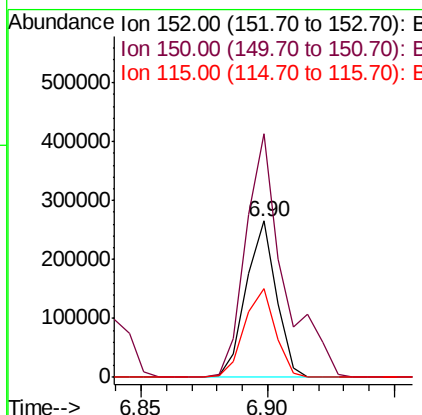
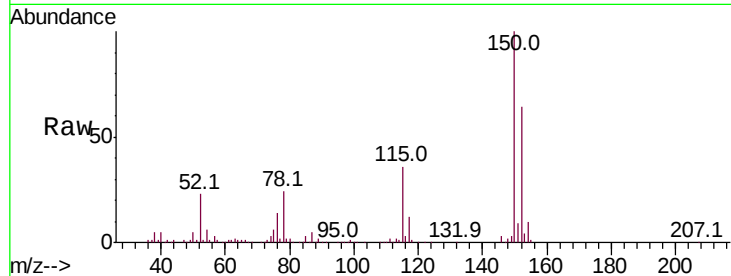
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	56.6	50.7	76.1

Manual Integrations
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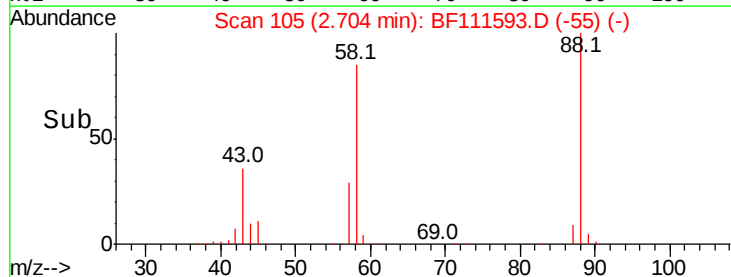
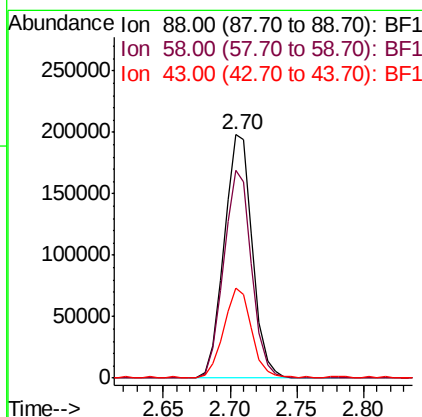
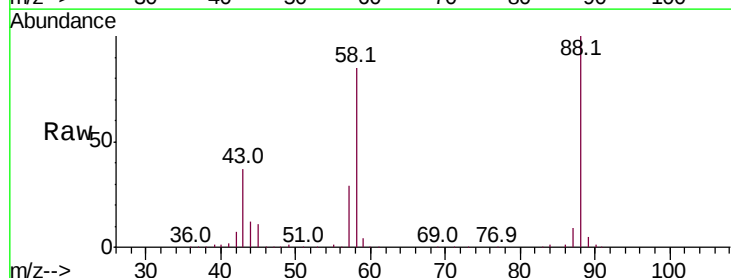
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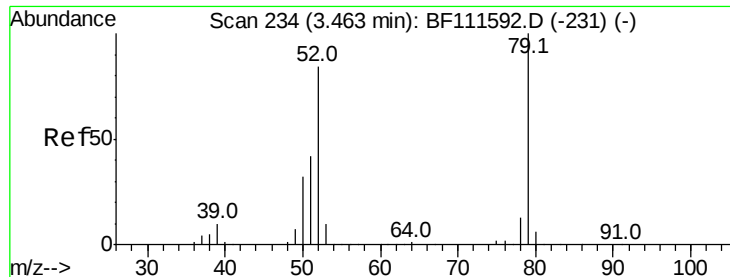


#2

1,4-Dioxane
Concen: 45.956 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	68.9	103.3
43	35.6	25.8	38.6





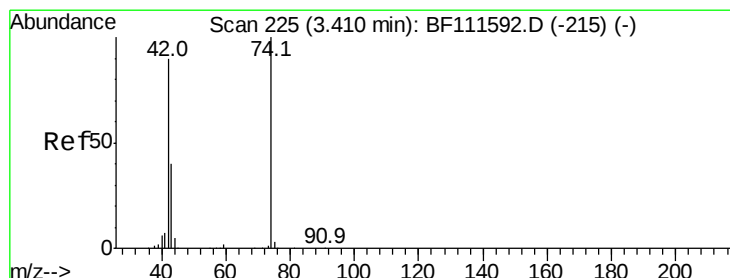
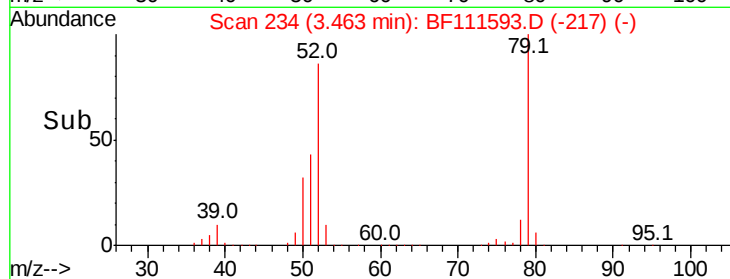
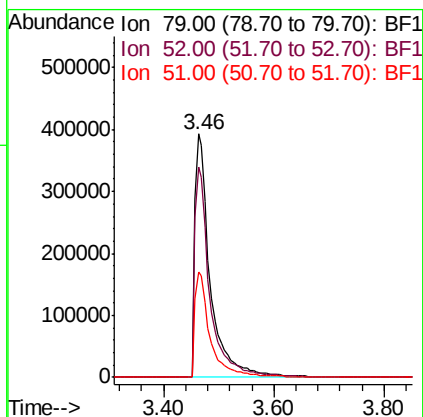
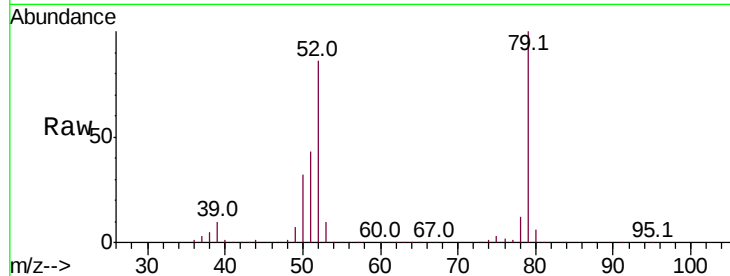
#3
 Pvridine
 Concen: 47.674 ng
 RT: 3.46 min Scan# 234
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.1	68.3	102.5
51	43.3	32.6	49.0

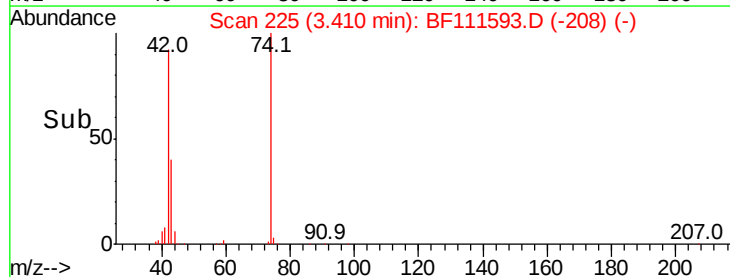
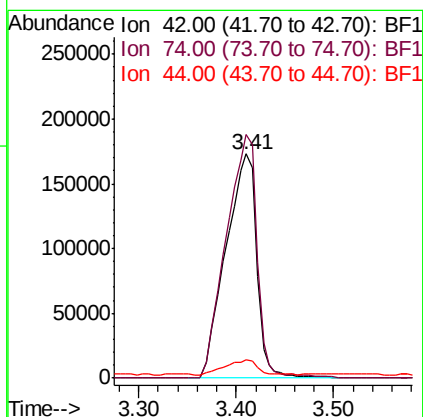
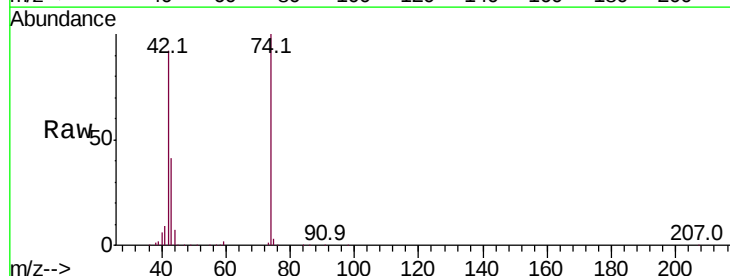
Manual Integrations
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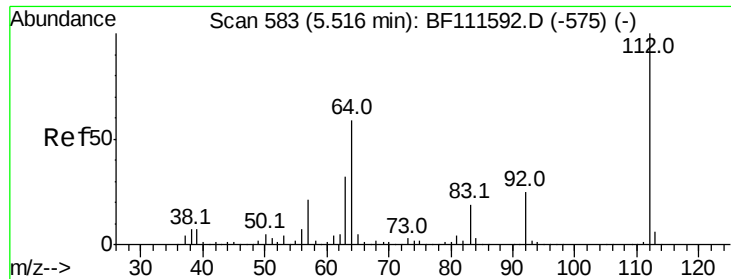
Sohil
 12/20/2018 12:41:49 PM



#4
 n-Nitrosodimethylamine
 Concen: 51.904 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.6	101.5	152.3
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 92.552 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 112 Resp: 1226935

Ion Ratio Lower Upper

112 100

64 64.7 51.8 77.6

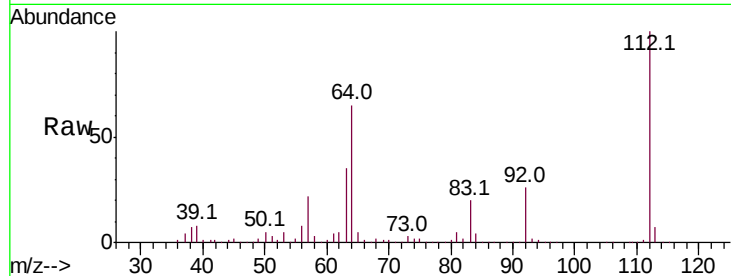
63 34.7 26.8 40.2

Manual Integrations

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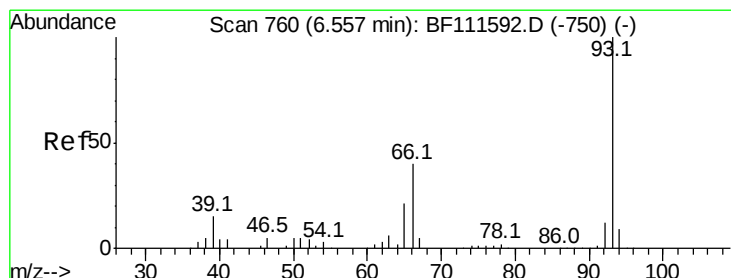
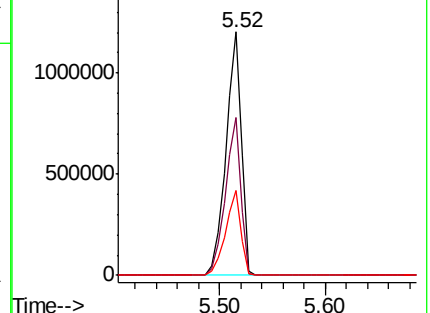
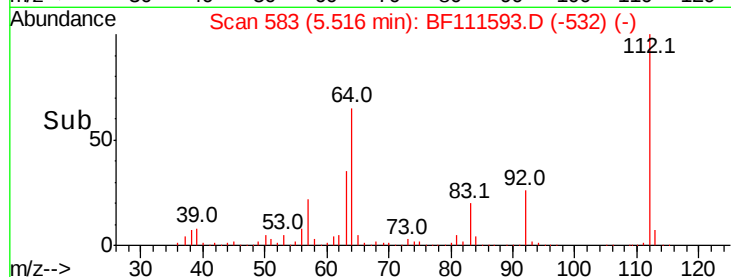
12/20/2018 12:41:49 PM



Abundance Ion 112.00 (111.70 to 112.70): BF111592.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF111592.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF111592.D (-575) (-)



#6

Aniline

Concen: 46.552 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

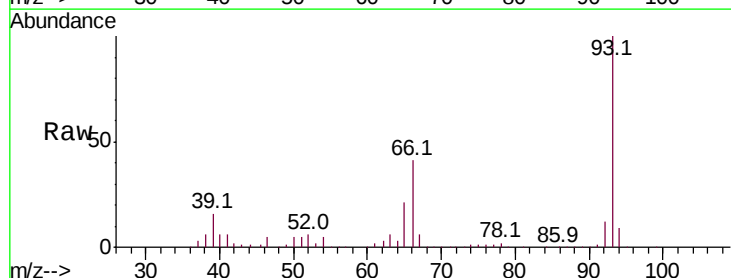
Tgt Ion: 93 Resp: 1018254

Ion Ratio Lower Upper

93 100

66 40.7 33.2 49.8

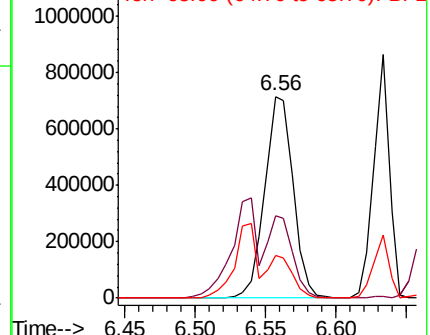
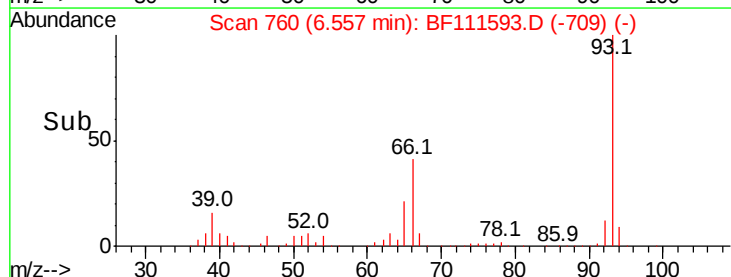
65 21.4 17.0 25.4

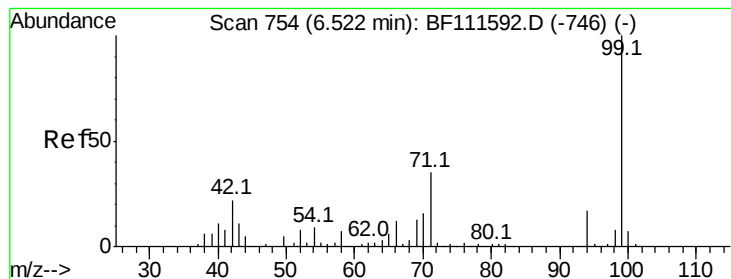


Abundance Ion 93.00 (92.70 to 93.70): BF111592.D (-750) (-)

Ion 66.00 (65.70 to 66.70): BF111592.D (-750) (-)

Ion 65.00 (64.70 to 65.70): BF111592.D (-750) (-)





#7

Phenol-d6

Concen: 88.666 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 1563512

Ion Ratio Lower Upper

99 100

42 23.6 17.4 26.0

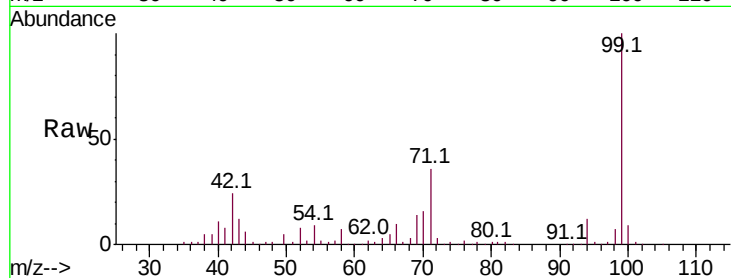
71 35.7 26.1 39.1

Manual Integrations

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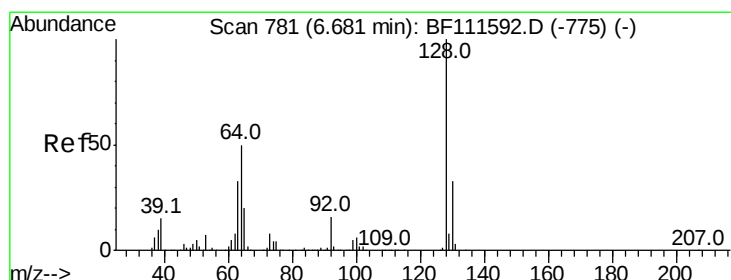
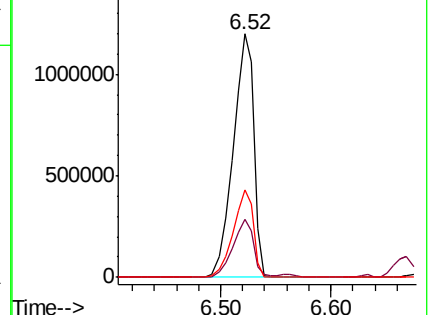
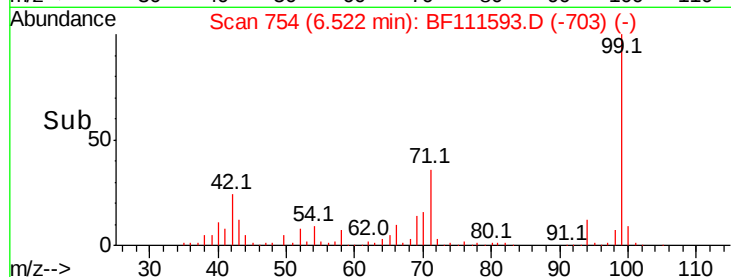
12/20/2018 12:41:49 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.279 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

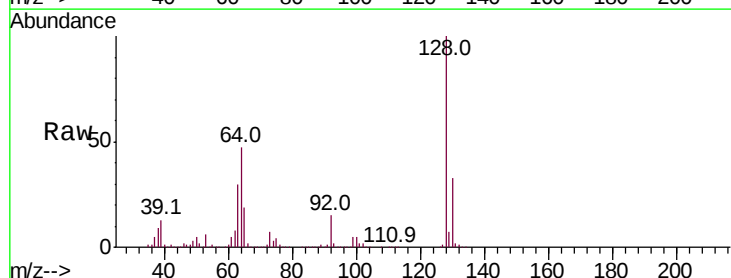
Tgt Ion:128 Resp: 685530

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

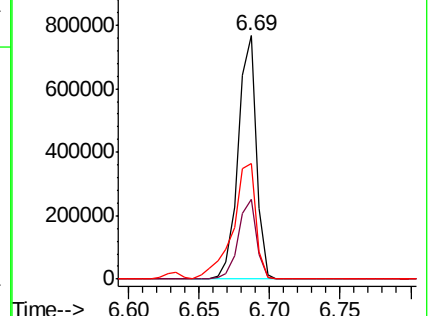
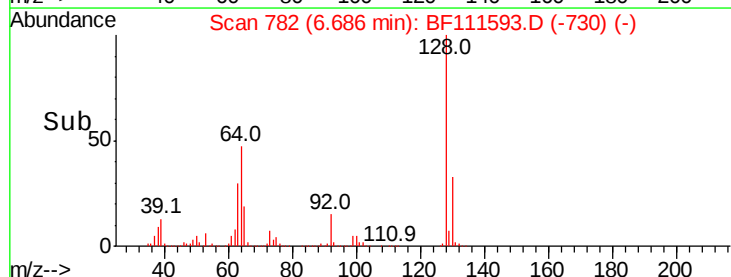
64 47.2 30.0 70.0

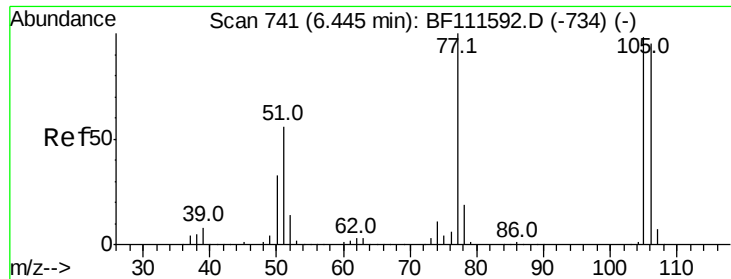


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





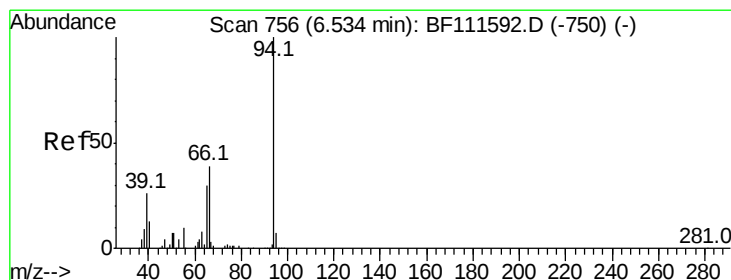
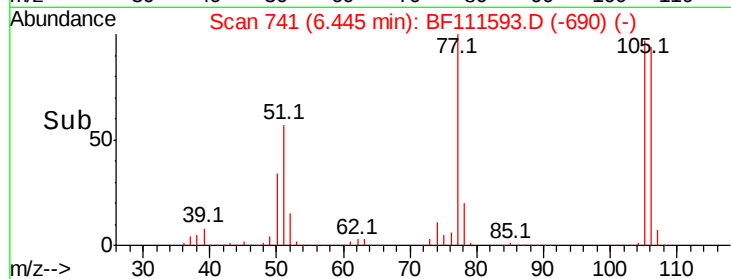
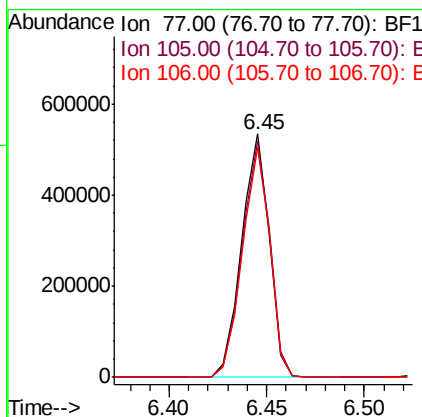
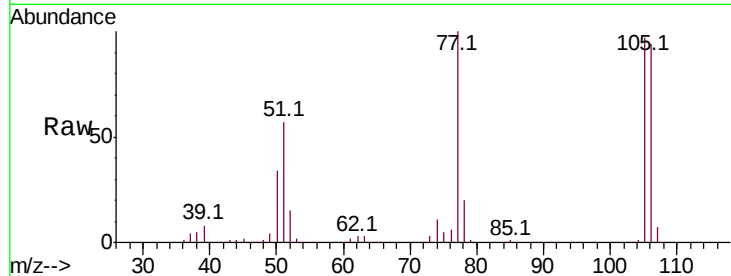
#9
Benzaldehyde
Concen: 48.654 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.7	81.4	121.4
106	94.4	77.9	117.9

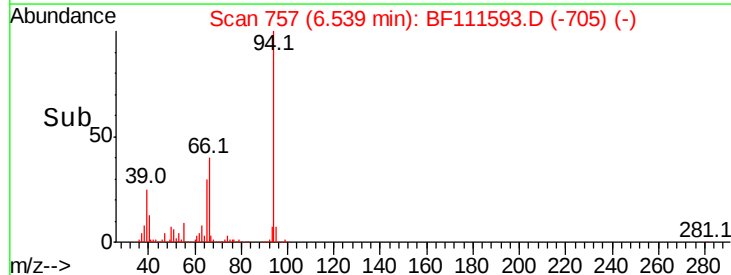
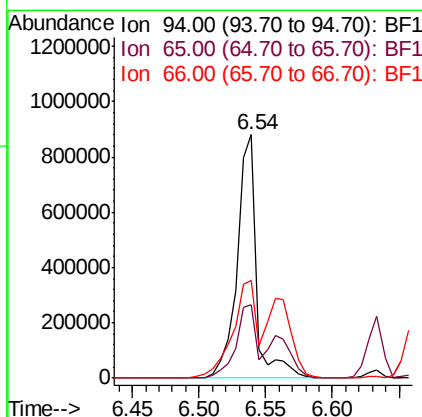
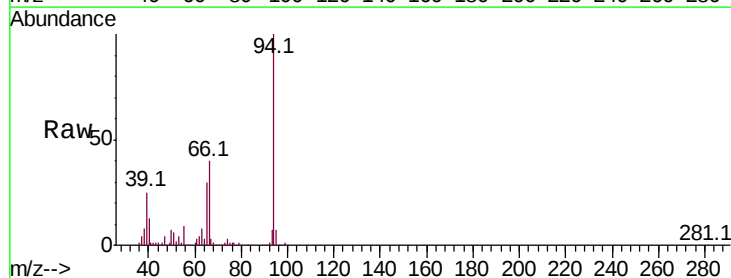
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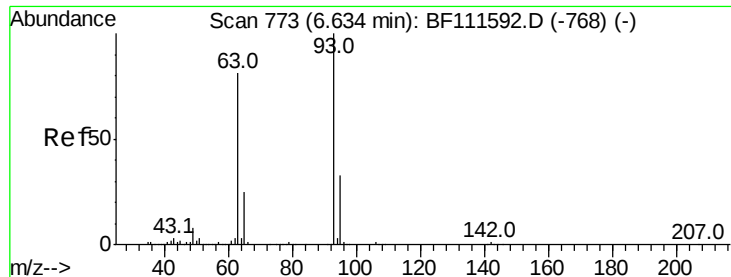
Sohil
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#10
Phenol
Concen: 45.942 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.7	51.7
66	40.3	21.0	61.0





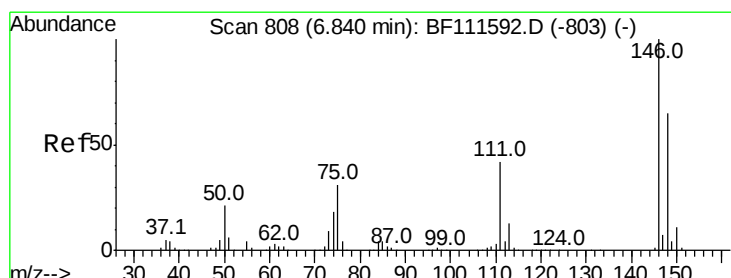
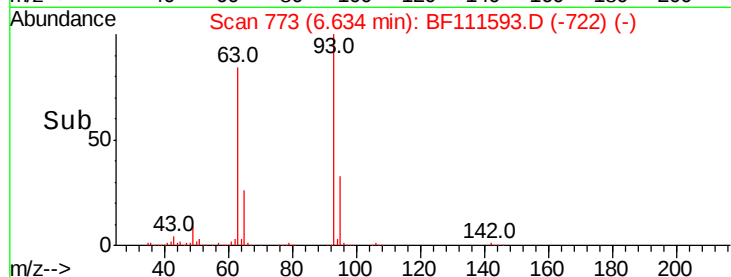
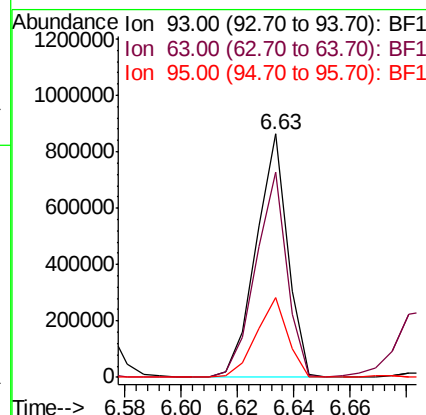
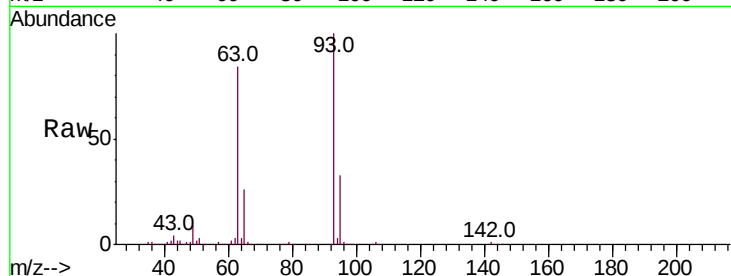
#11
bis(2-Chloroethyl)ether
Concen: 43.404 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.2	60.0	100.0
95	32.6	13.4	53.4

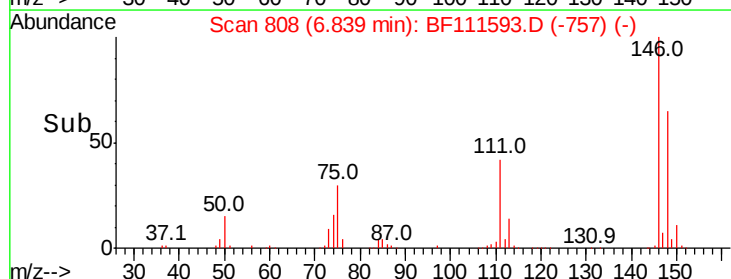
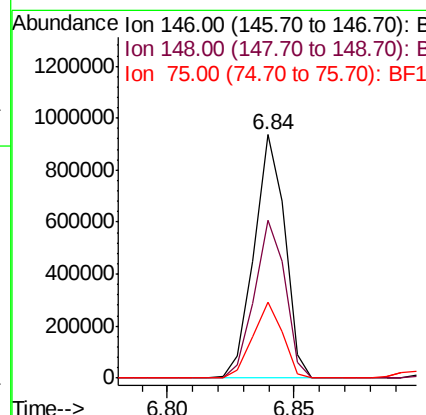
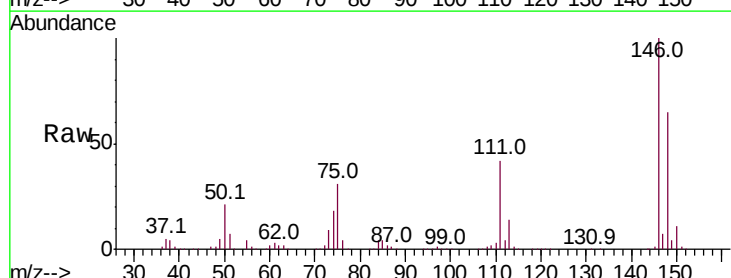
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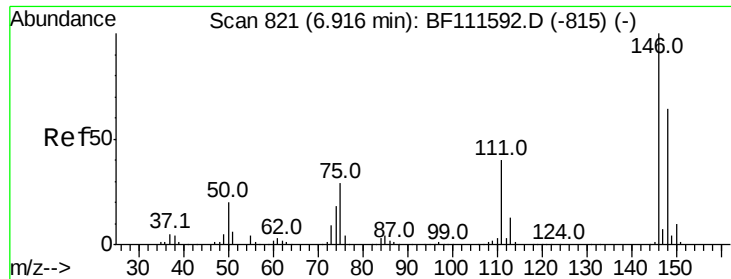
Sohil
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#12
1,3-Dichlorobenzene
Concen: 45.604 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
75	31.3	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 45.903 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

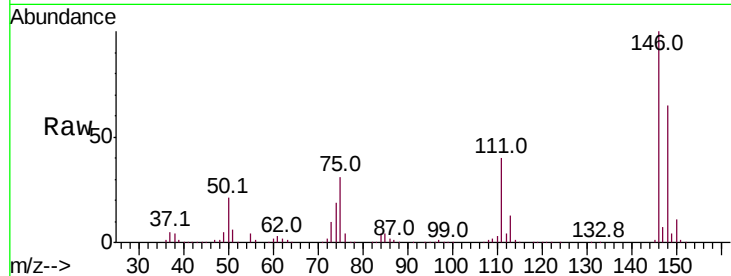
ClientSampled :

SSTDIC050

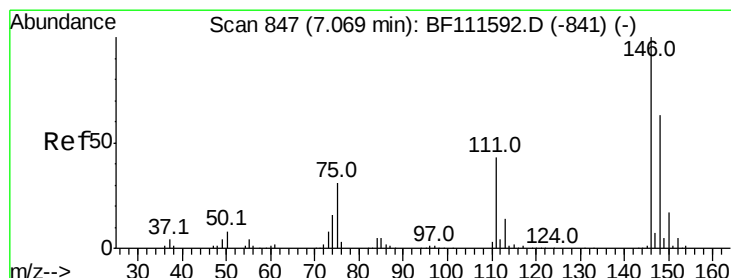
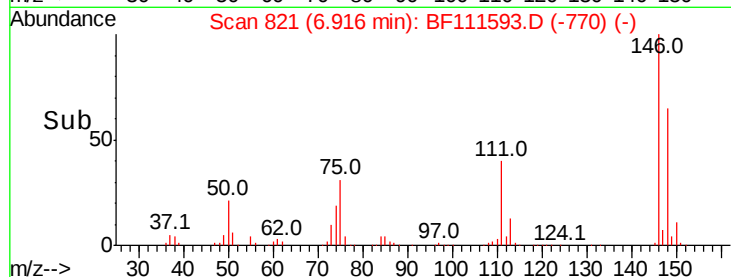
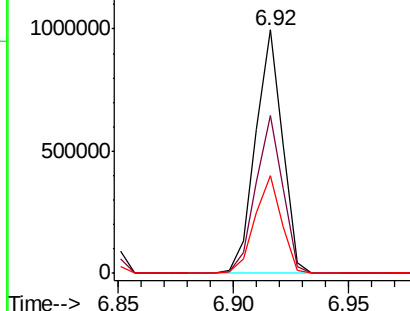
Tot Ion:	146	Resp:	812396
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.8	79.2
111	39.9	33.4	50.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.927 ng

RT: 7.07 min Scan# 848

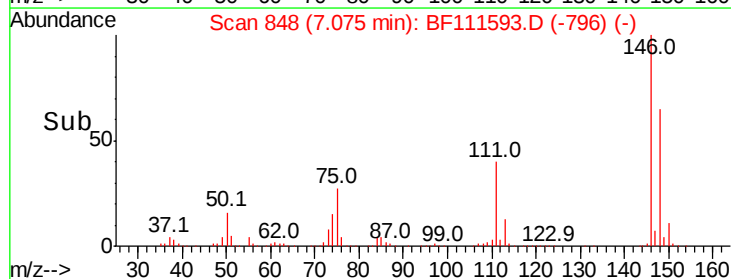
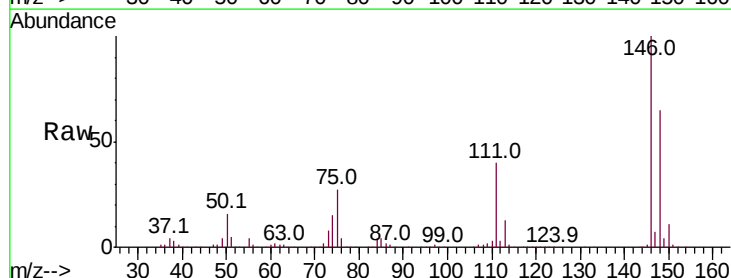
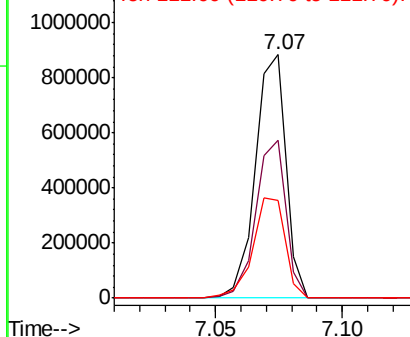
Delta R.T. 0.01 min

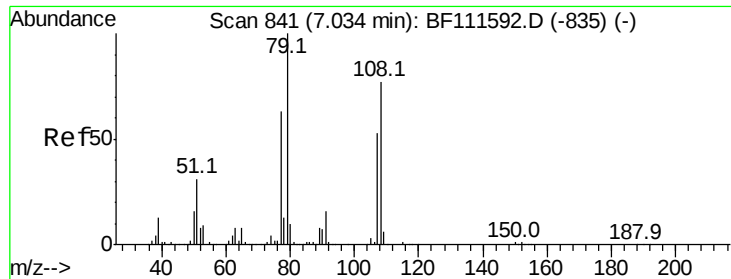
Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	146	Resp:	748024
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.9	77.9
111	40.1	36.2	54.4

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.300 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

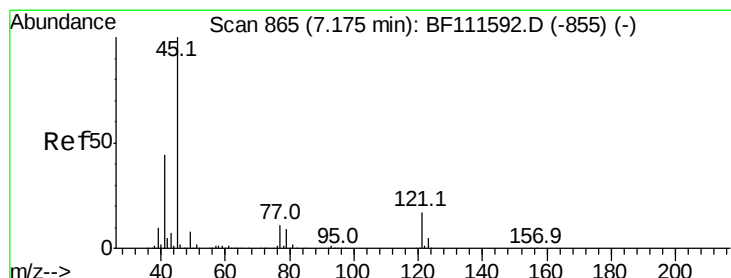
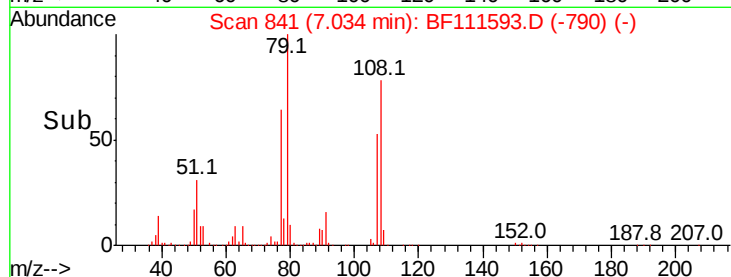
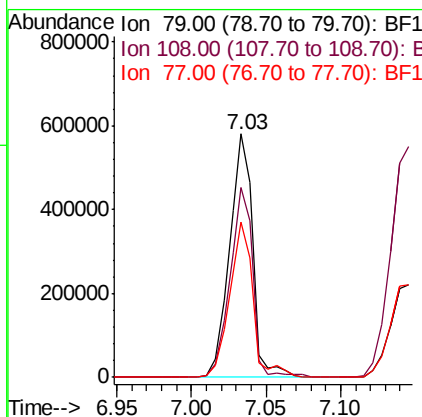
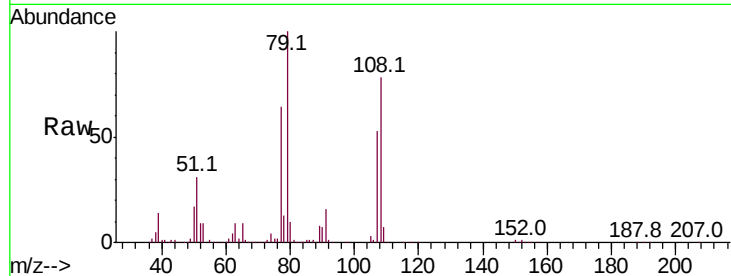
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	634644
Ion Ratio	Lower	Upper	
79	100		
108	78.0	69.4	104.2
77	63.7	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.505 ng

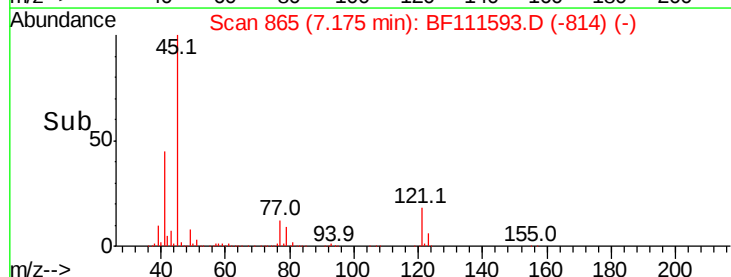
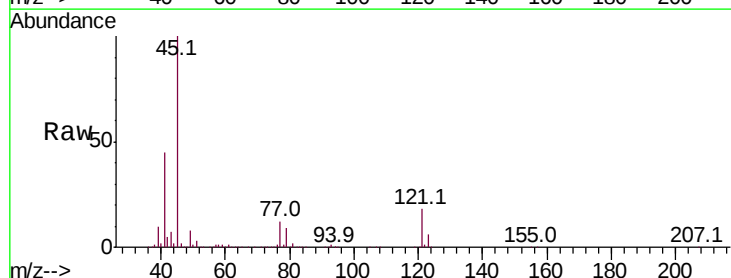
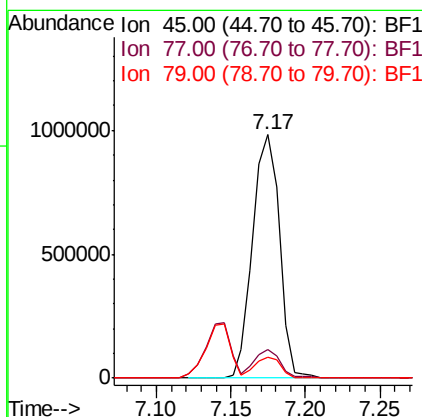
RT: 7.17 min Scan# 865

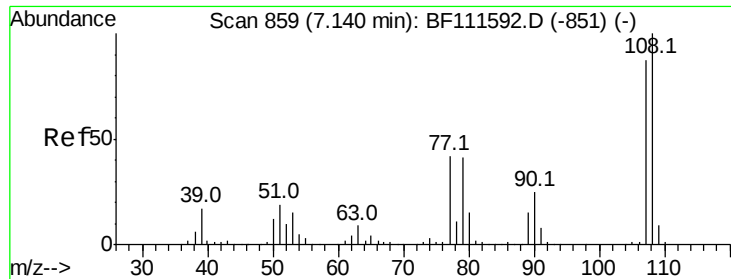
Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	45	Resp:	1217834
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	31.5
79	8.7	0.0	28.9





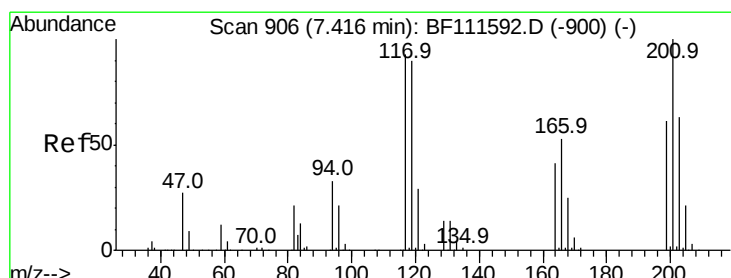
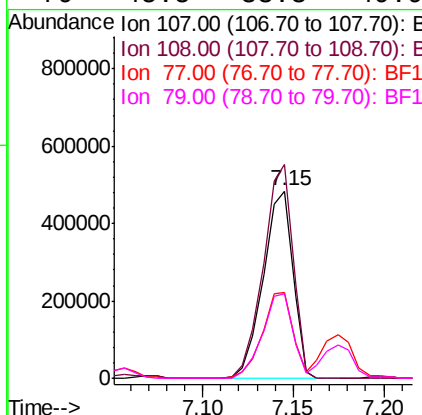
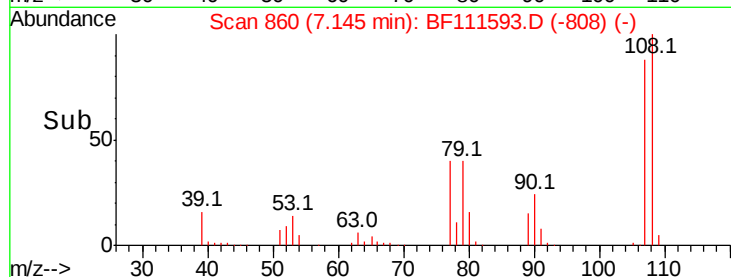
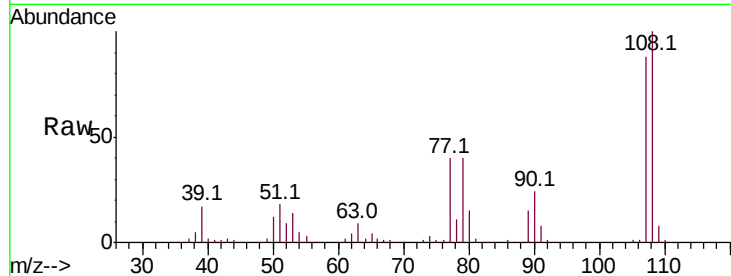
#17
2-Methylphenol
Concen: 43.455 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.0	136.4	
77	46.0	33.5	50.3	
79	45.5	33.3	49.9	

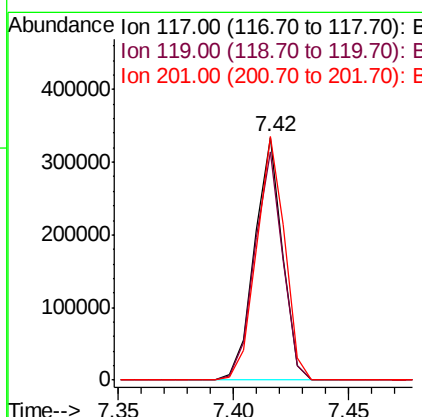
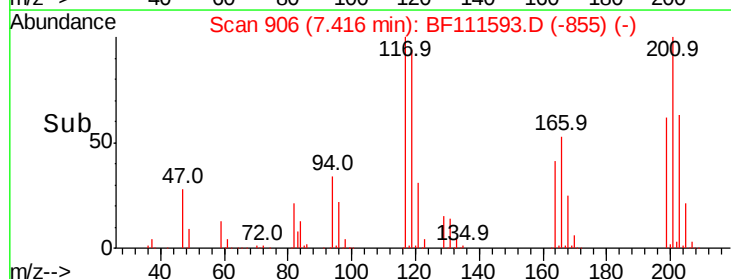
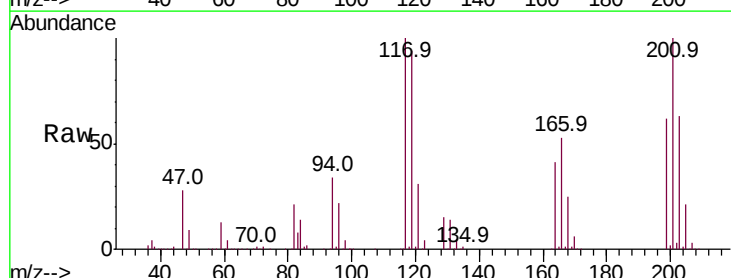
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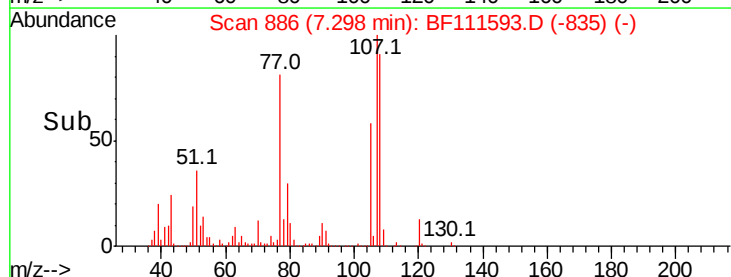
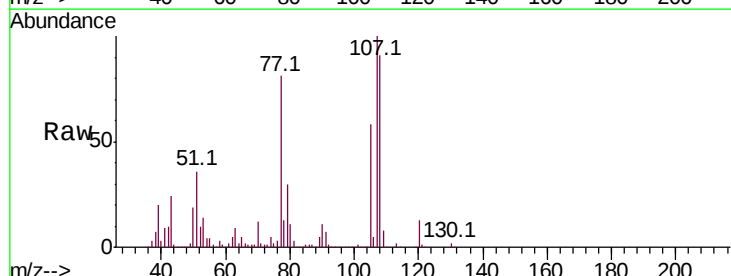
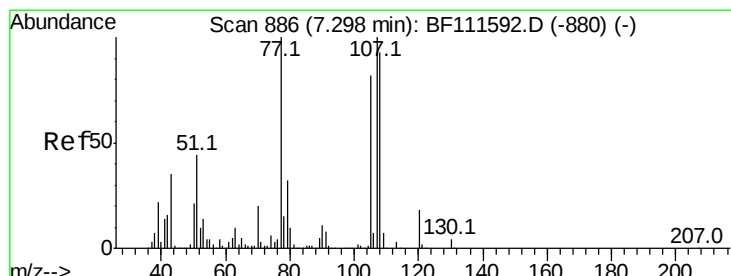
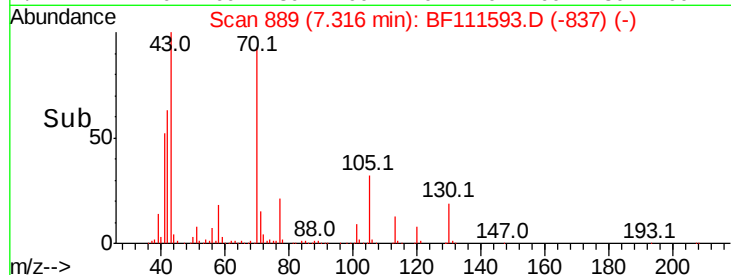
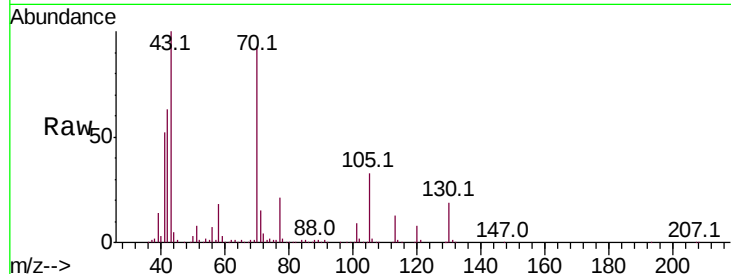
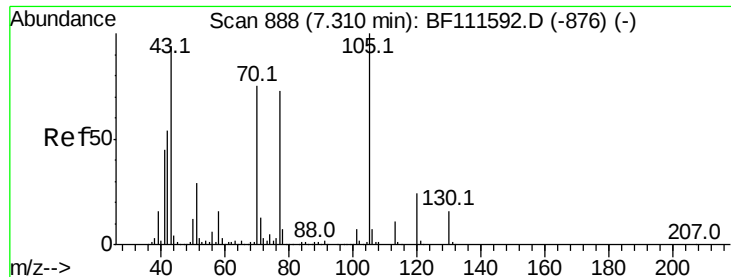
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#18
Hexachloroethane
Concen: 42.355 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

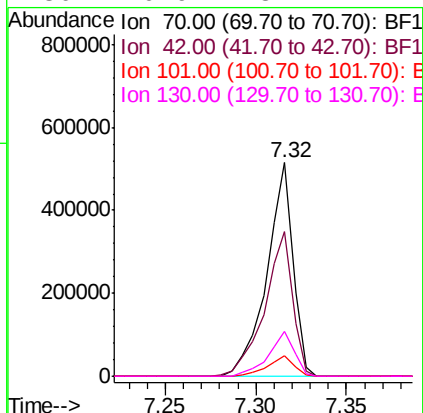
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.4	113.0	
201	100.2	62.4	93.6#	





#19
n-Nitroso-di-n-propylamine
Concen: 44.408 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	53.2	79.8
101	9.5	8.2	12.4
130	20.9	18.1	27.1



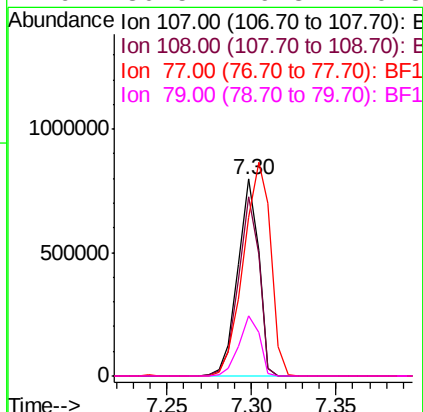
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

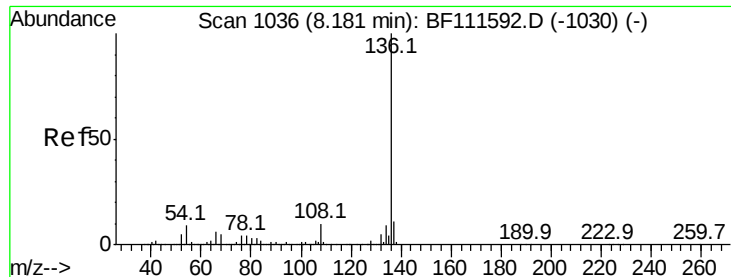
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#20
3+4-Methylphenols
Concen: 43.184 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.1	112.1
77	80.6	94.1	134.1#
79	30.5	9.8	49.8





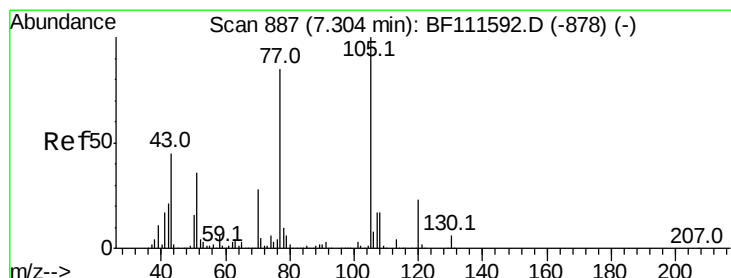
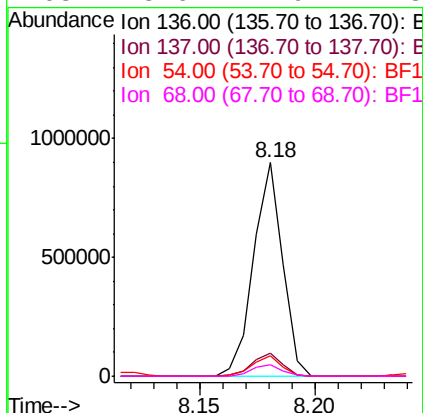
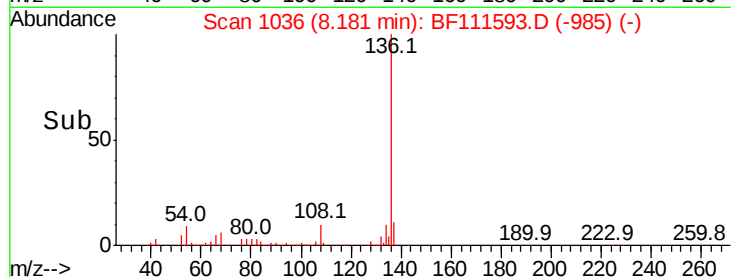
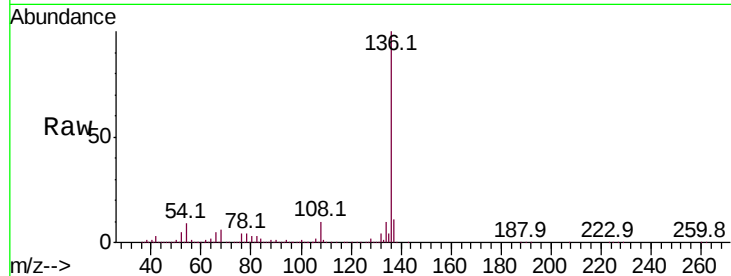
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	9.3	7.7	11.5	
68	5.6	4.9	7.3	

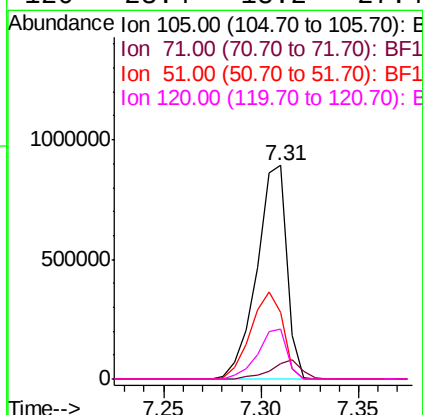
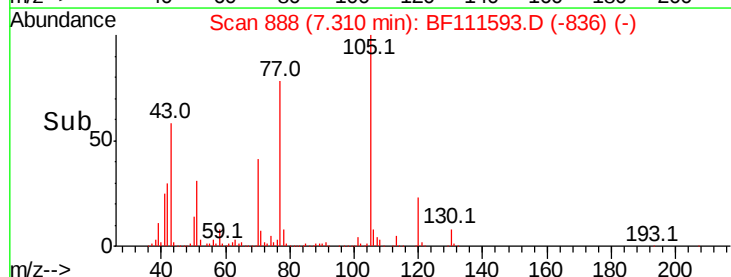
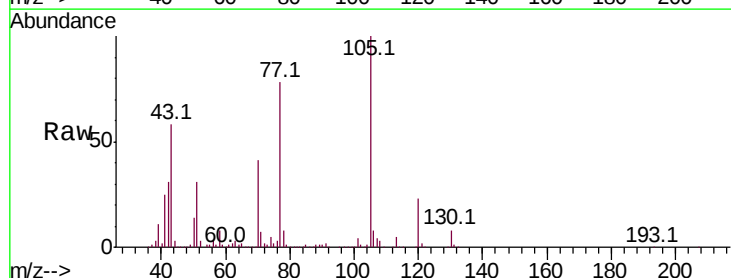
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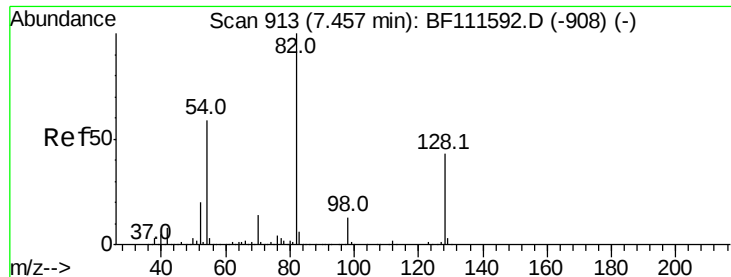
Sohil
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#22
Acetophenone
Concen: 53.687 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	3.1	4.7#	
51	31.3	36.6	54.8#	
120	23.4	18.2	27.4	





#23
 Nitrobenzene-d5
 Concen: 105.066 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

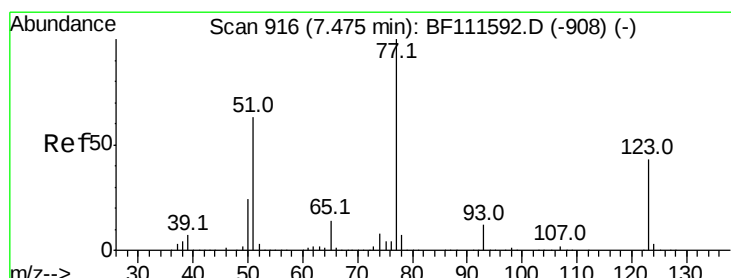
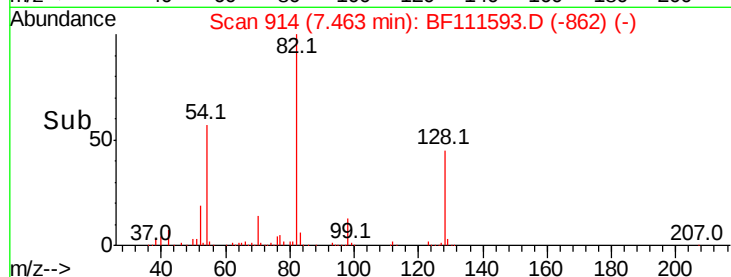
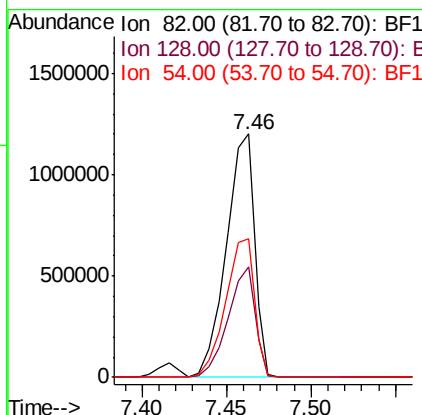
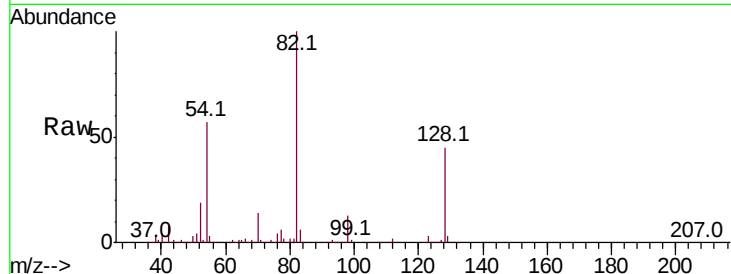
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1397287

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.4	56.2
54	57.0	47.6	71.4

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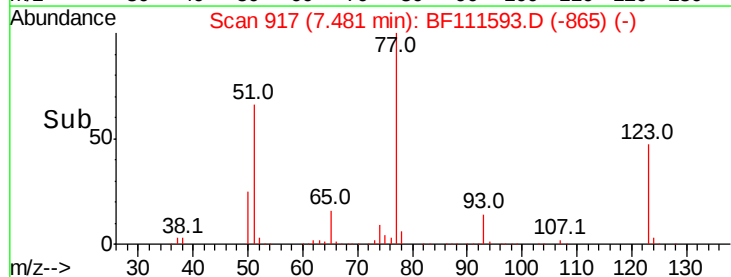
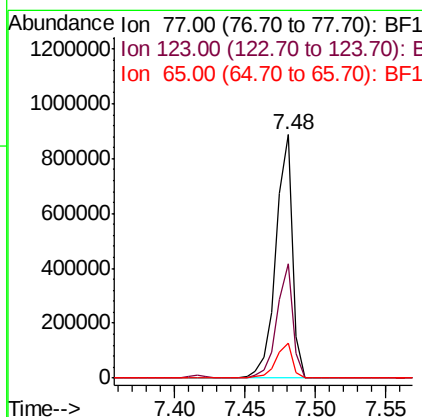
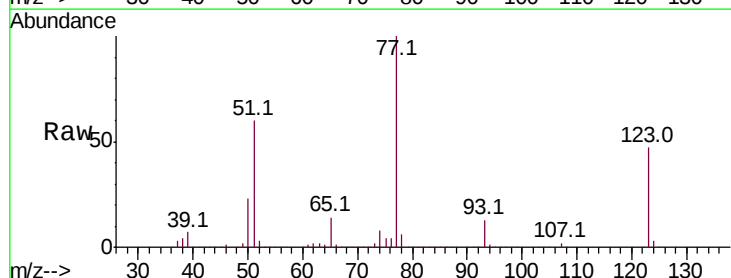
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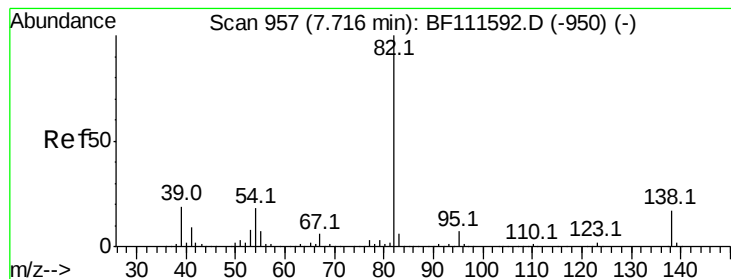


#24
 Nitrobenzene
 Concen: 53.919 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion: 77 Resp: 731503

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.2	55.8
65	14.3	11.5	17.3





#25

Isophorone

Concen: 51.856 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1166885

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

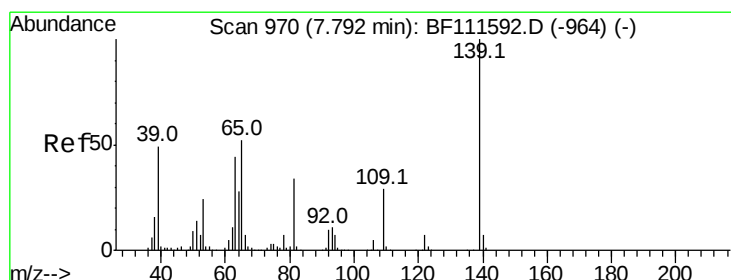
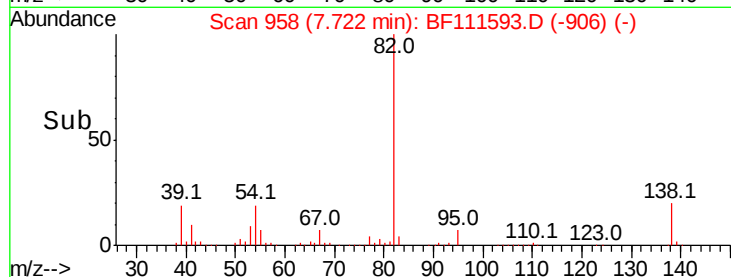
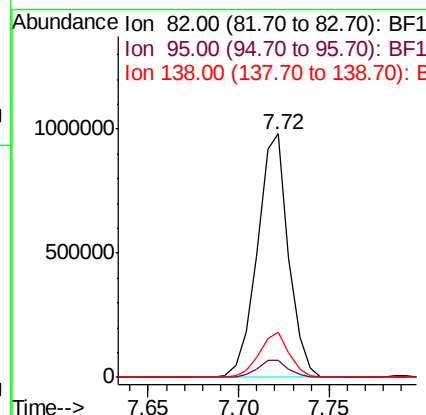
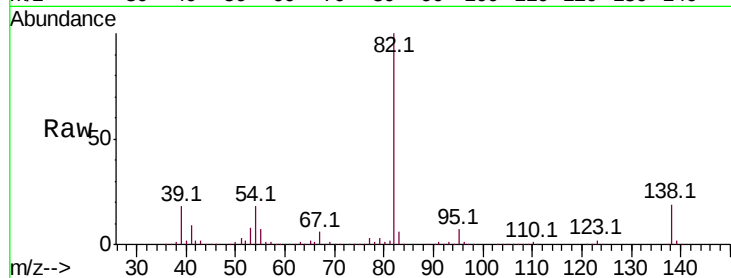
138 18.8 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.413 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

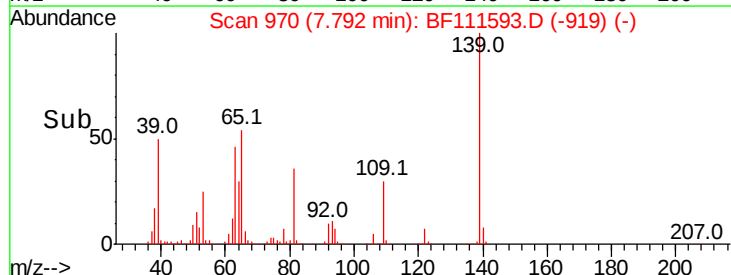
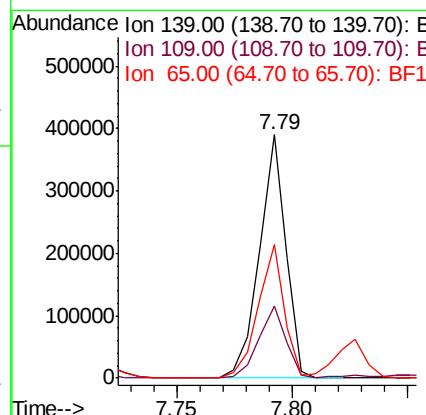
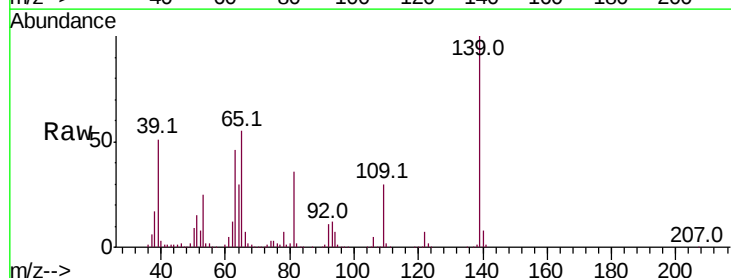
Tgt Ion: 139 Resp: 312472

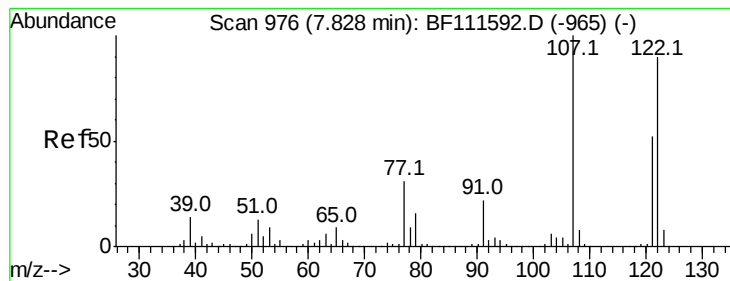
Ion Ratio Lower Upper

139 100

109 29.6 20.2 30.4

65 54.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 52.695 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

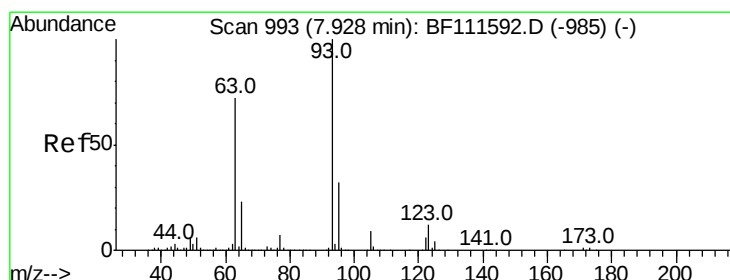
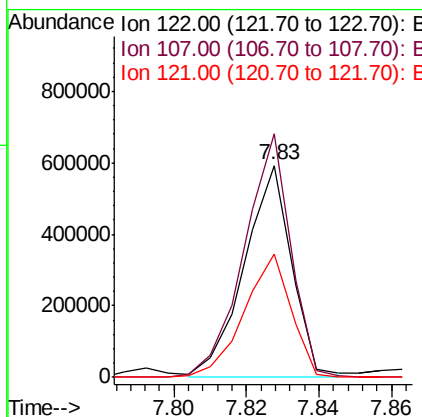
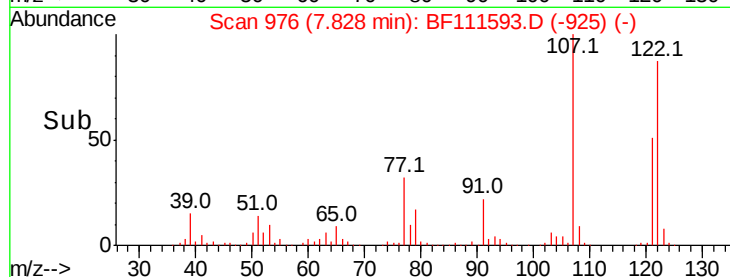
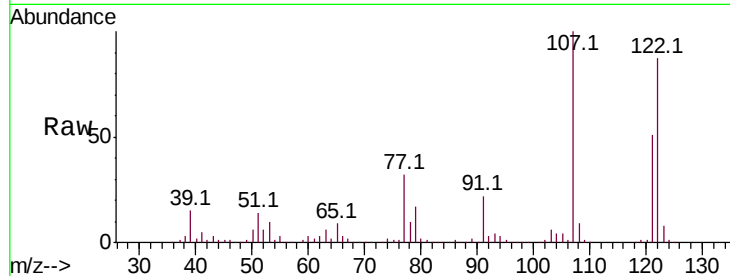
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	537477
Ion Ratio	Lower	Upper	
122	100		
107	115.0	85.5	128.3
121	58.4	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 49.958 ng

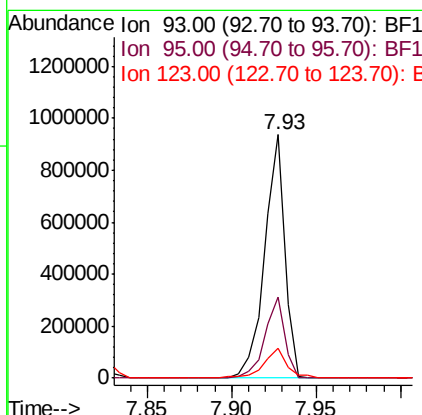
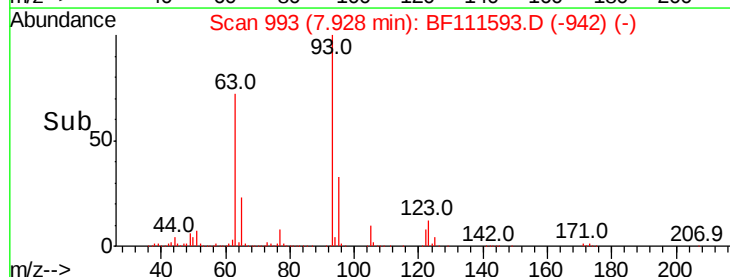
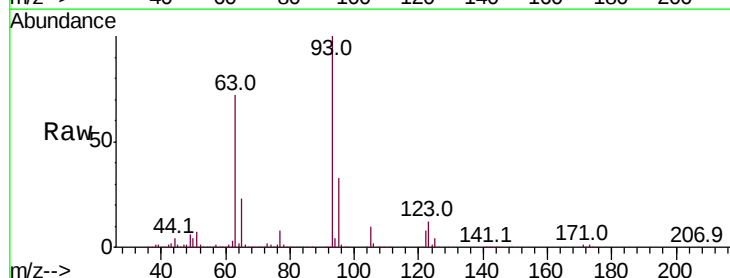
RT: 7.93 min Scan# 993

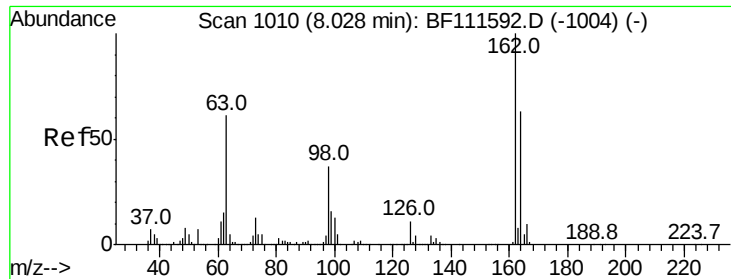
Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	93	Resp:	776075
Ion Ratio	Lower	Upper	
93	100		
95	33.3	27.1	40.7
123	12.2	9.9	14.9





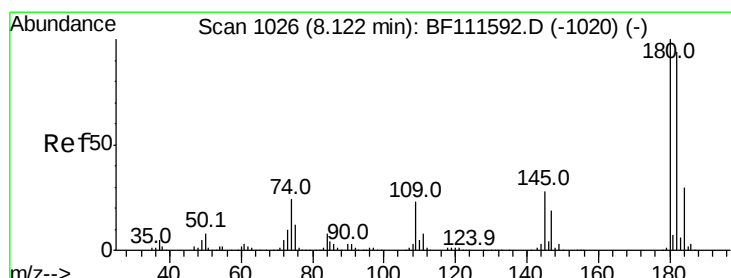
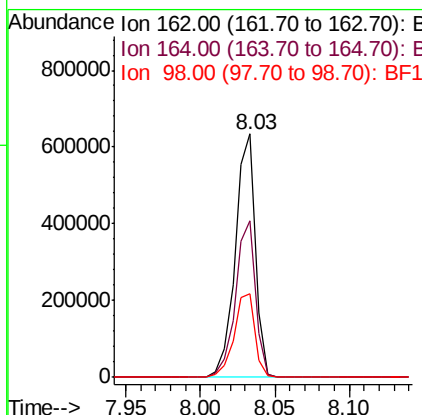
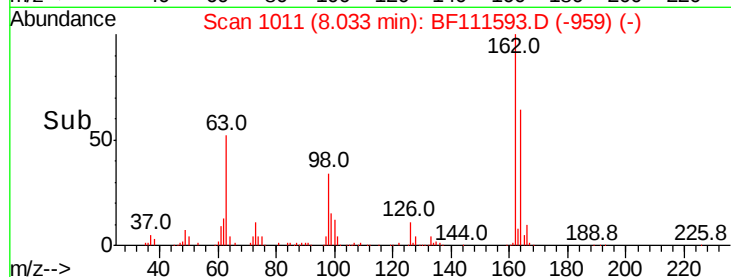
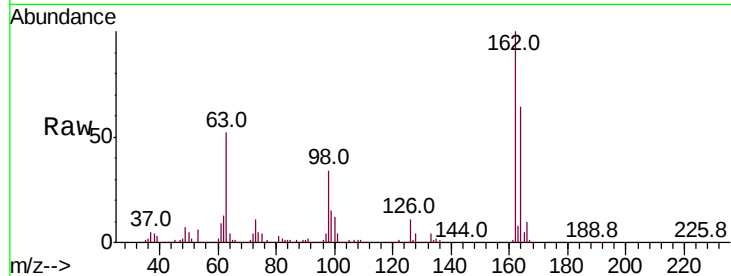
#29
2,4-Dichlorophenol
Concen: 55.220 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	44.4	84.4
98	34.1	20.3	60.3

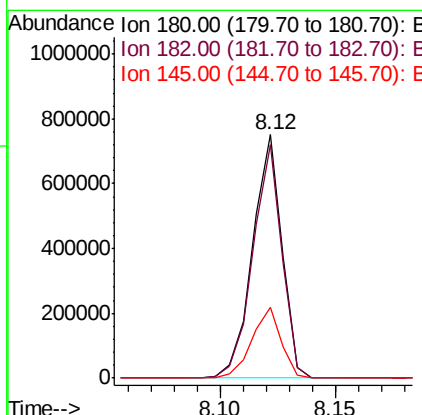
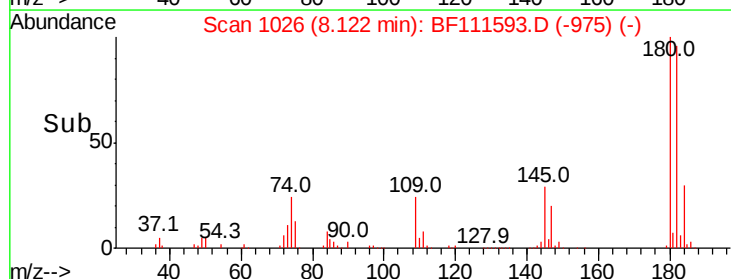
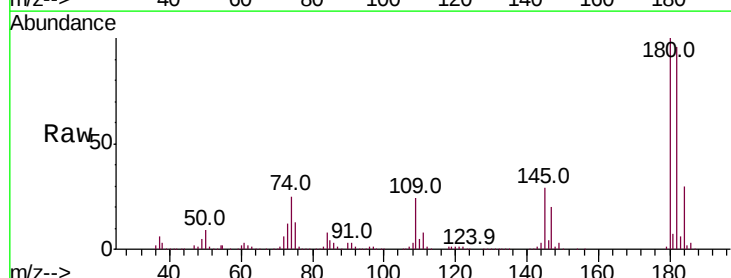
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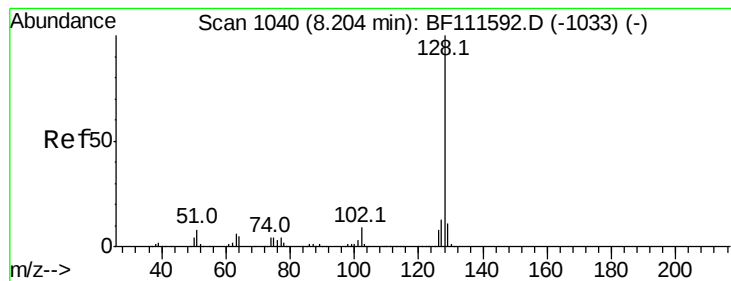
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#30
1,2,4-Trichlorobenzene
Concen: 58.272 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	75.6	113.4
145	28.8	26.7	40.1





#31

Naphthalene

Concen: 48.971 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 1813954

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

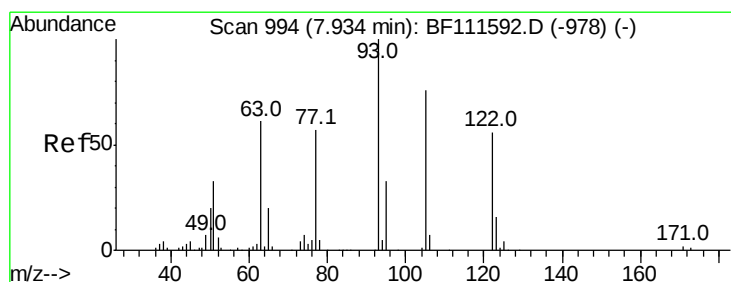
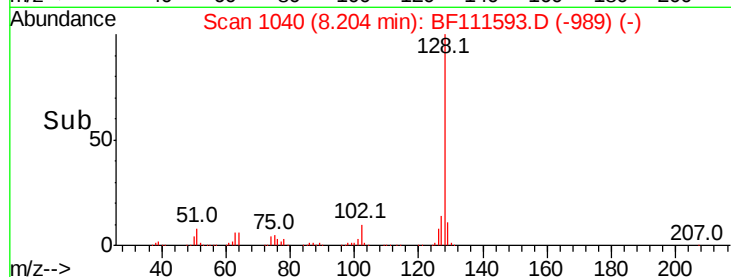
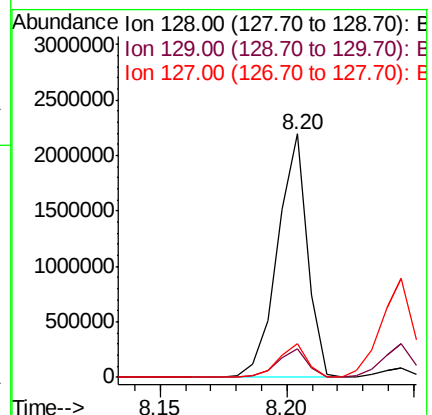
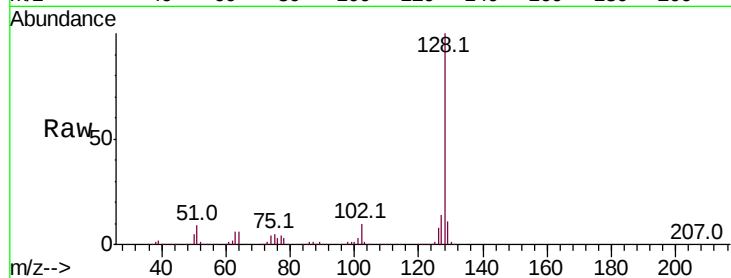
127 13.7 12.0 18.0

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#32

Benzoic acid

Concen: 44.162 ng m

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

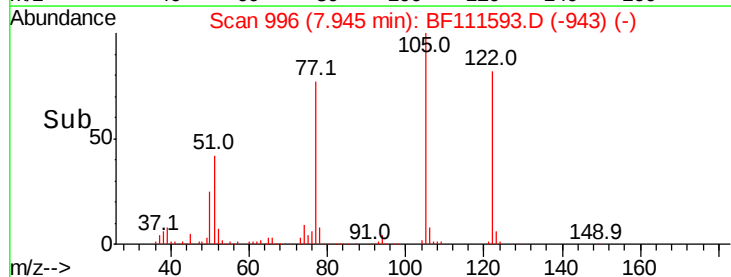
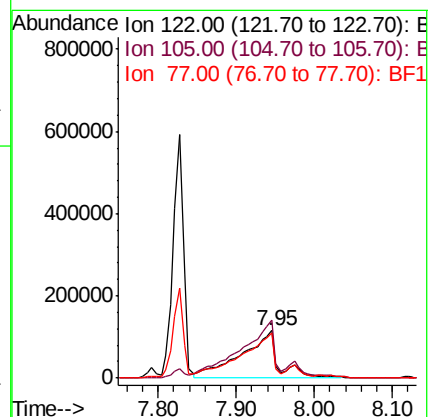
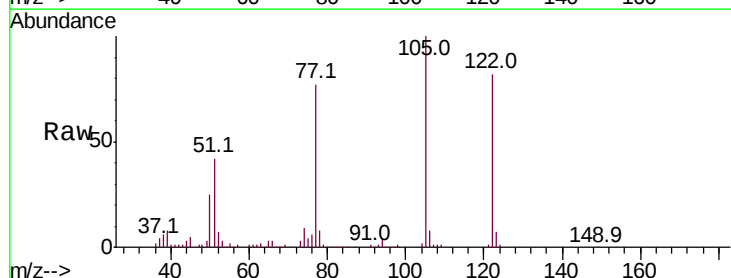
Tgt Ion:122 Resp: 389249

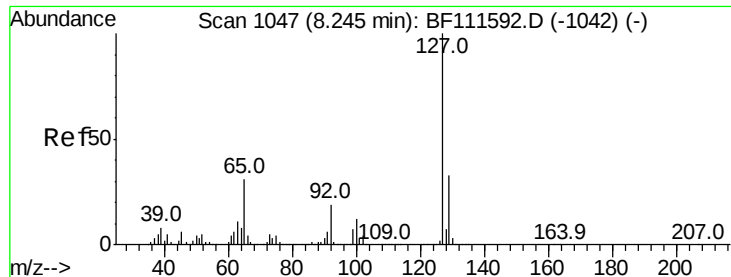
Ion Ratio Lower Upper

122 100

105 122.6 97.0 137.0

77 94.8 65.7 105.7





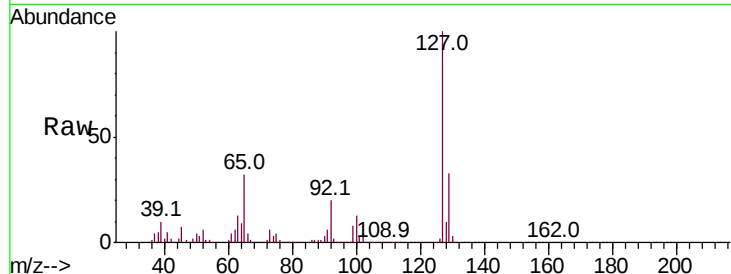
#33
4-Chloroaniline
Concen: 47.591 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

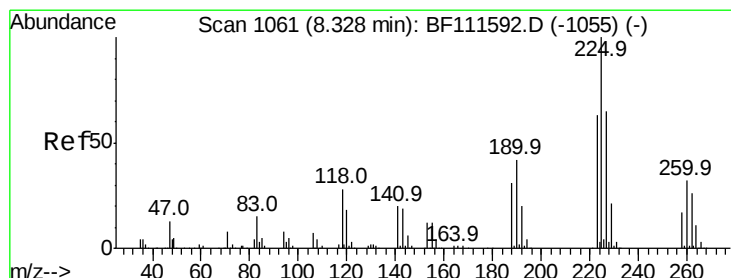
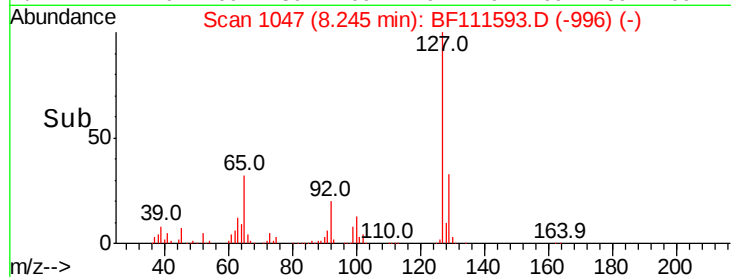
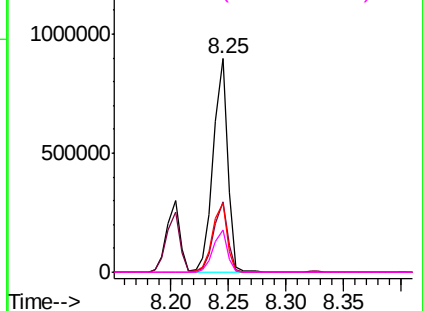
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.6	39.8		
65	32.1	25.7	38.5		
92	19.8	15.4	23.2		

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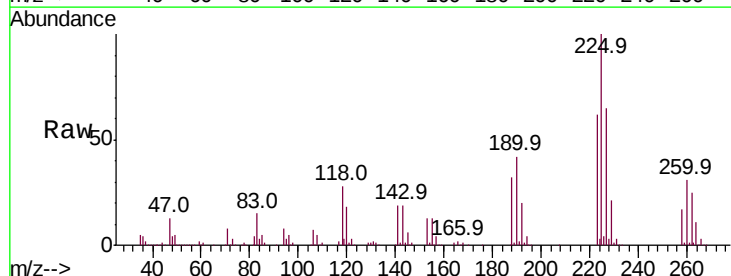


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

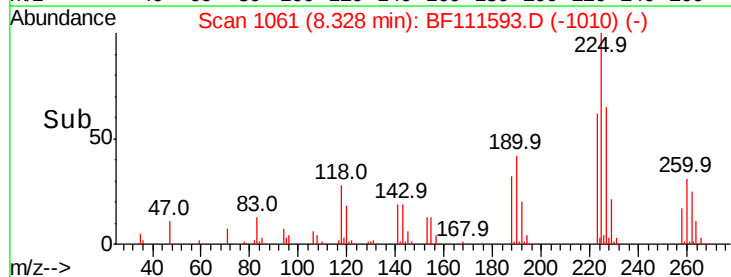
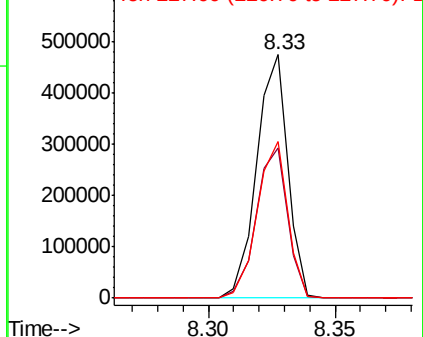


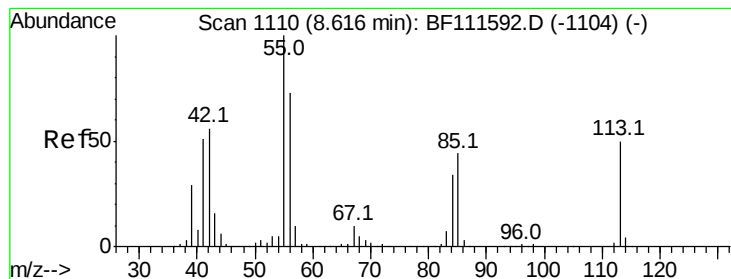
#34
Hexachlorobutadiene
Concen: 65.127 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.7	76.1		
227	64.5	52.6	78.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.521 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

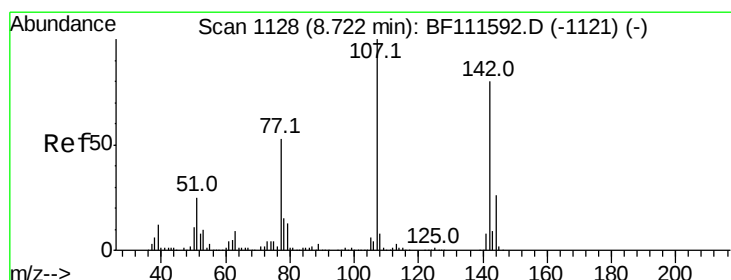
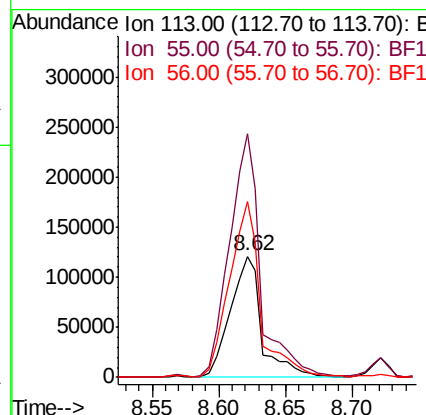
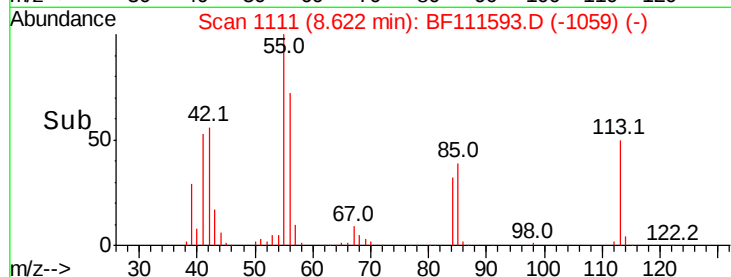
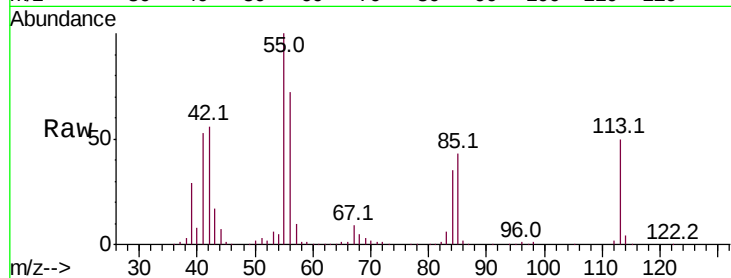
ClientSampleId :

SSTDICC050

Tot Ion:	113	Resp:	200192
Ion Ratio	Lower	Upper	
113	100		
55	200.8	184.1	224.1
56	145.2	126.0	166.0

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#36

4-Chloro-3-methylphenol

Concen: 48.656 ng

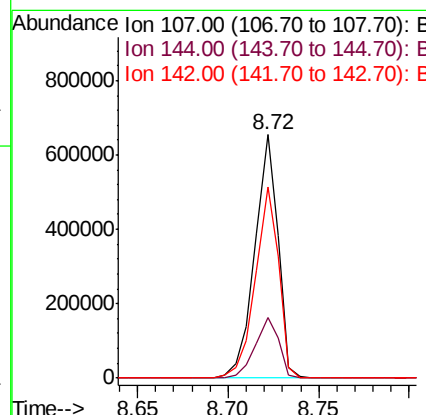
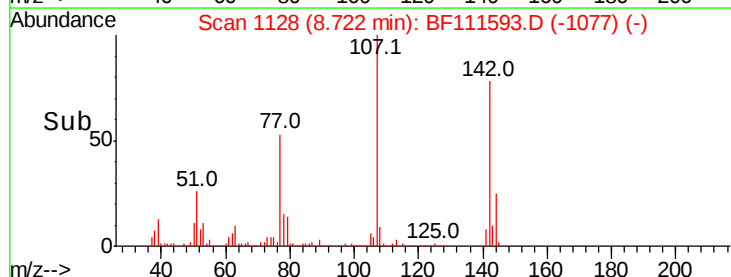
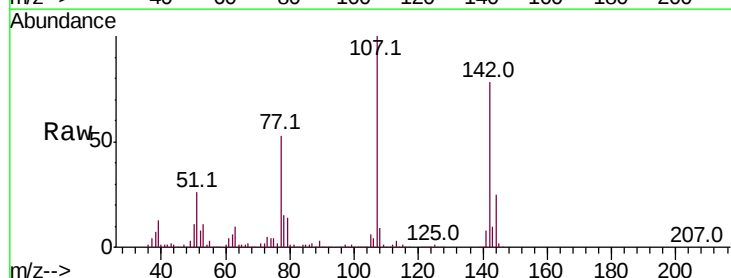
RT: 8.72 min Scan# 1128

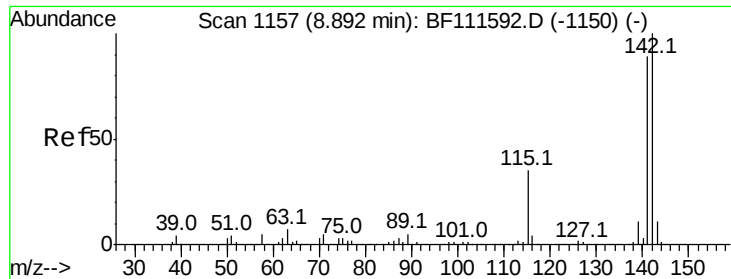
Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	107	Resp:	583136
Ion Ratio	Lower	Upper	
107	100		
144	24.9	19.8	29.6
142	78.3	62.3	93.5





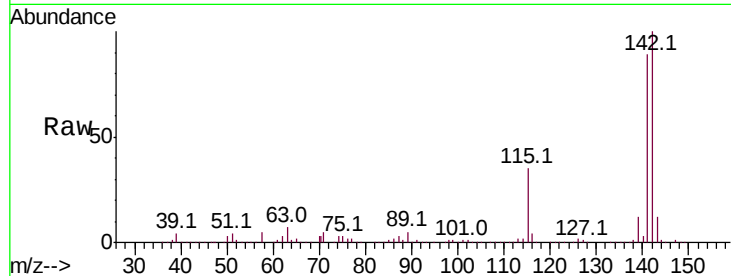
#37
2-Methylnaphthalene
Concen: 47.168 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.6	105.8
115	35.2	27.0	40.6

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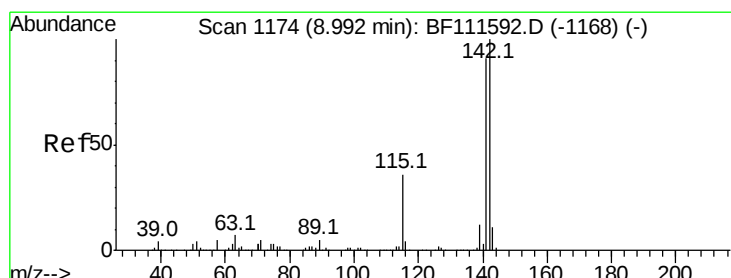
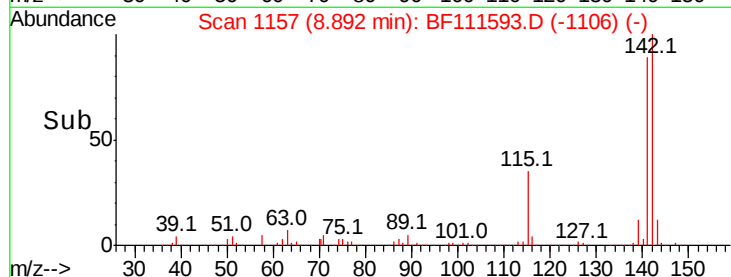
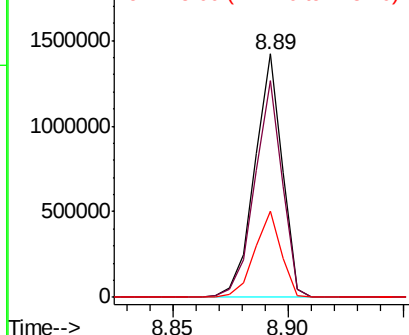


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.846 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

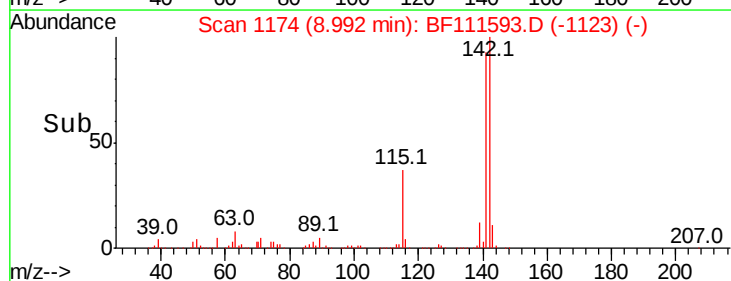
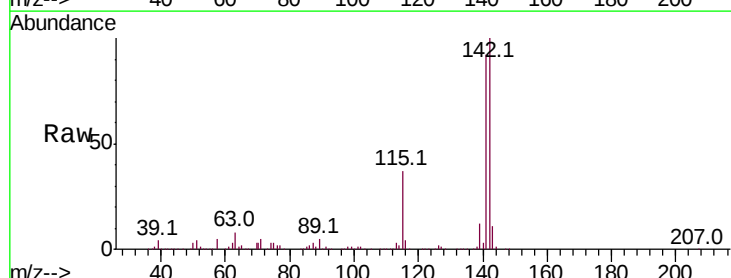
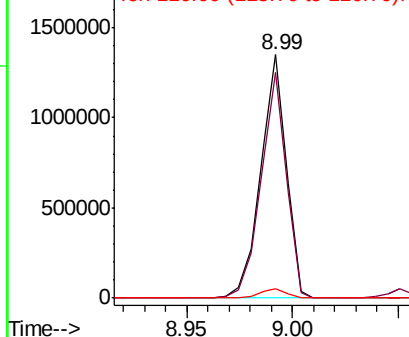
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	4.0	2.9	4.3

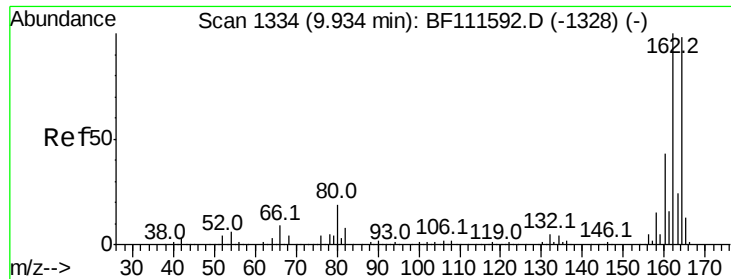
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





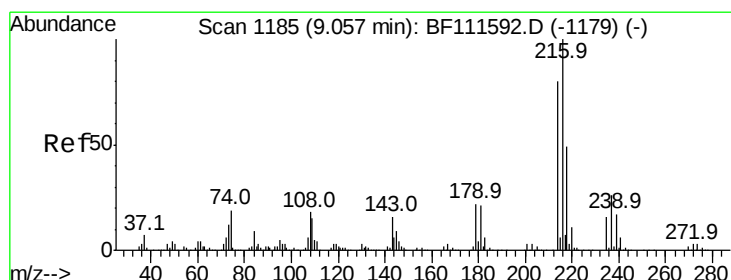
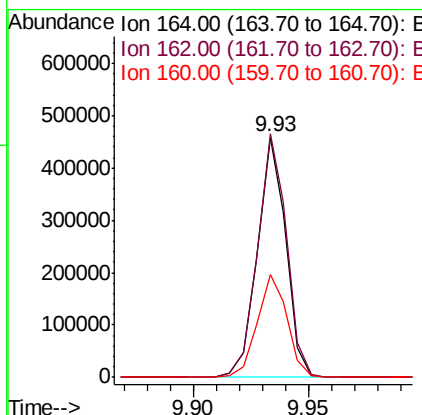
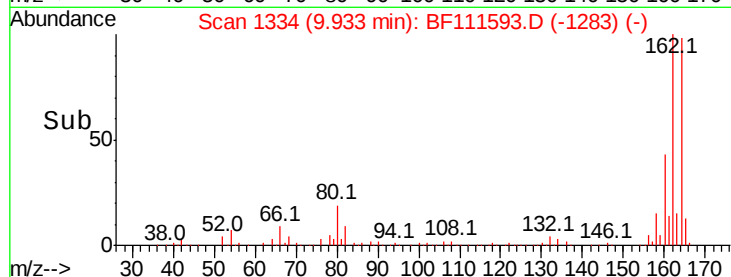
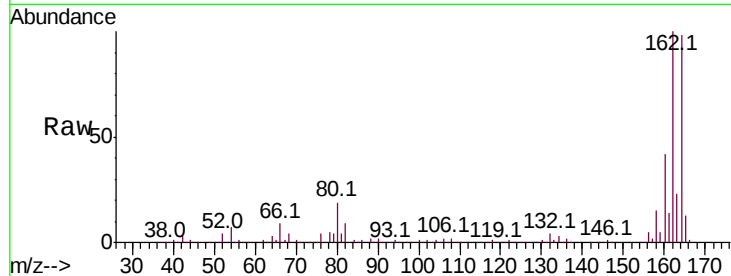
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	81.4	122.0	
160	43.1	35.7	53.5	

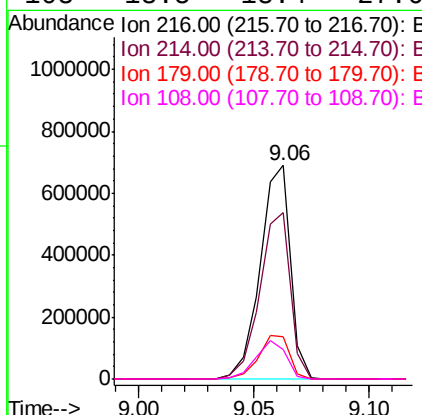
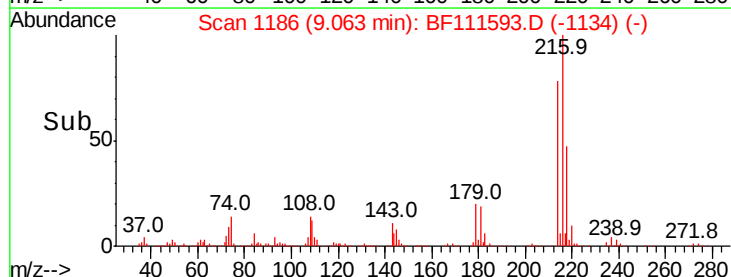
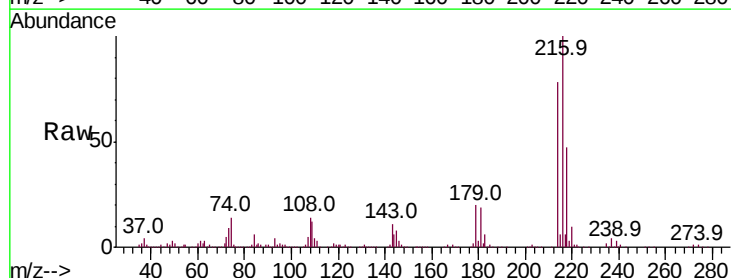
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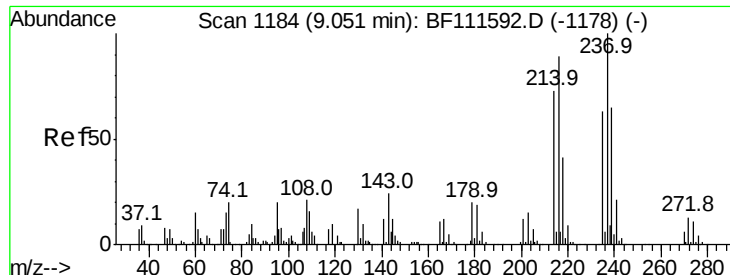
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.387 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.8	95.8	
179	20.9	17.9	26.9	
108	18.5	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 57.609 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

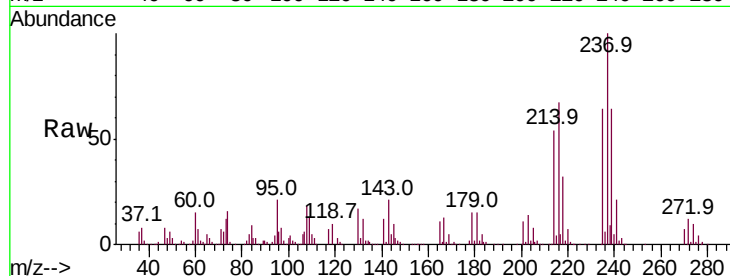
ClientSampleId :

SSTDIC050

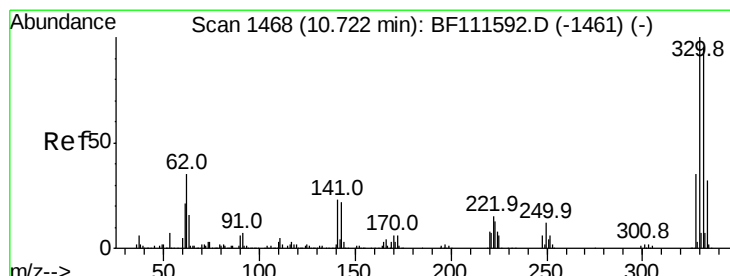
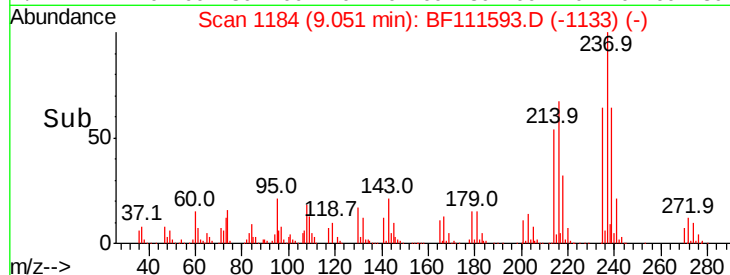
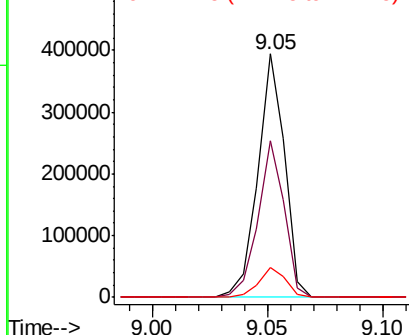
Tot Ion:	237	Resp:	318727
Ion Ratio		Lower	Upper
237	100		
235	64.3	43.1	83.1
272	12.3	0.0	33.0

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.311 ng

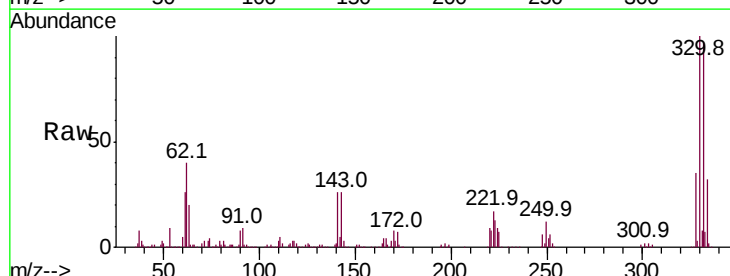
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

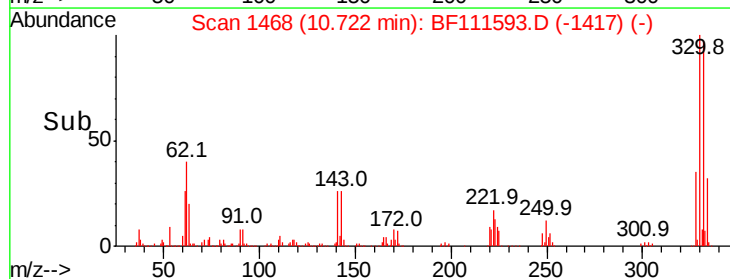
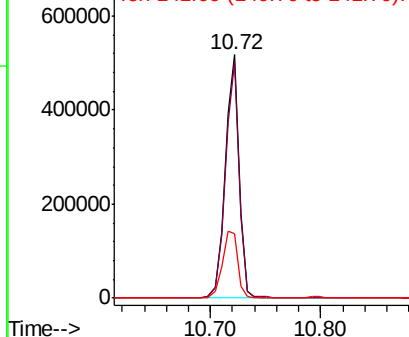
Lab File: BF111593.D

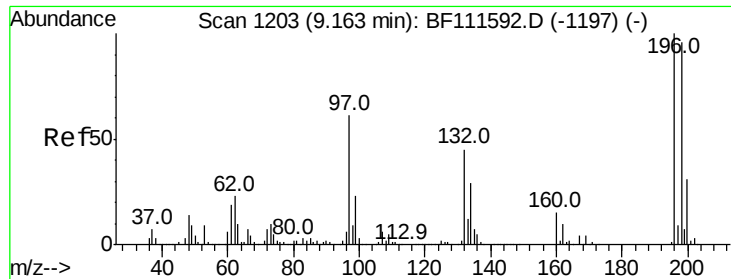
Acq: 19 Dec 2018 16:01

Tgt Ion:	330	Resp:	455166
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.0	114.0
141	30.6	31.0	46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





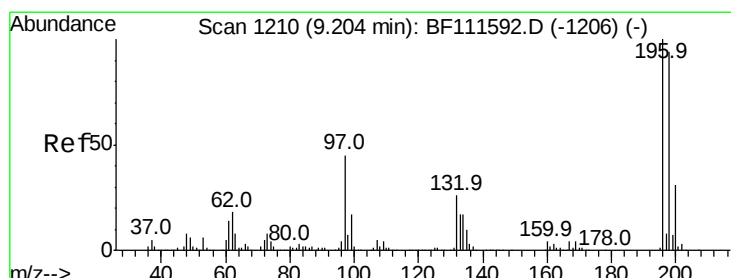
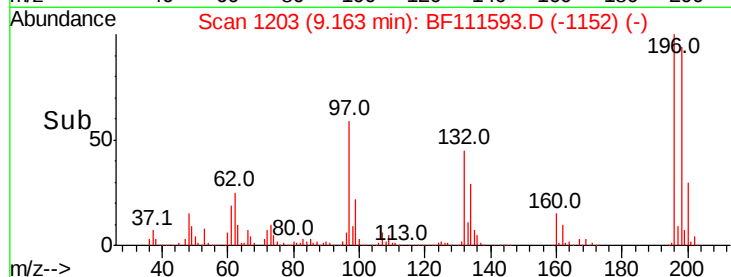
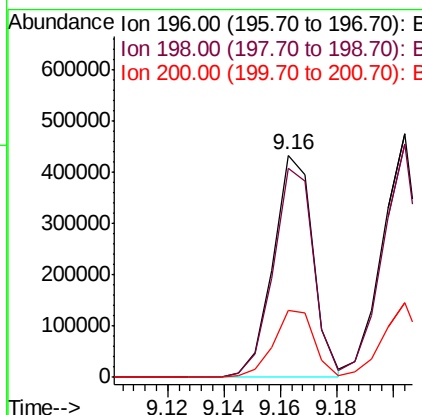
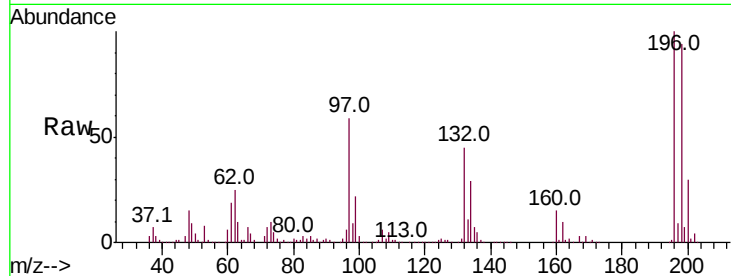
#43
 2,4,6-Trichlorophenol
 Concen: 55.817 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	425706		
198	93.9	76.3	114.5	
200	30.2	24.9	37.3	

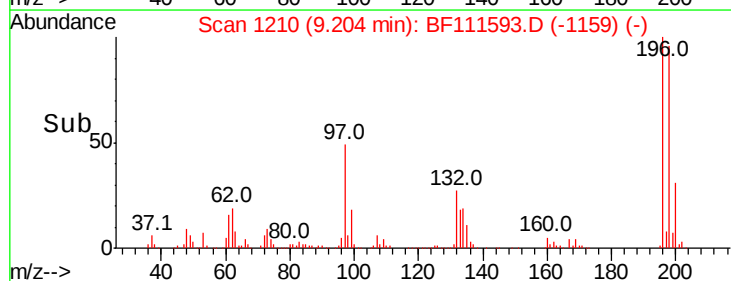
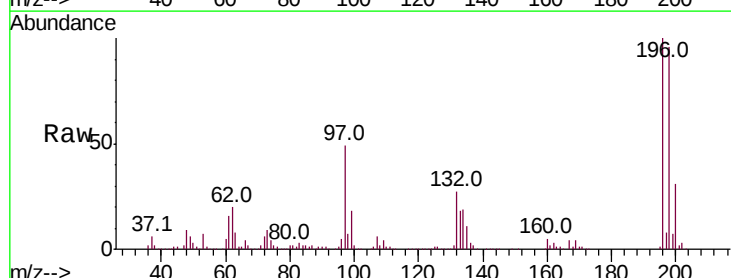
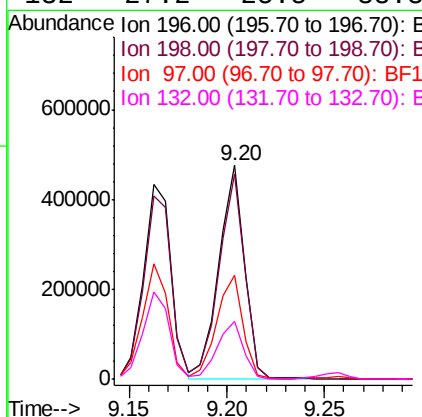
Manual Integrations
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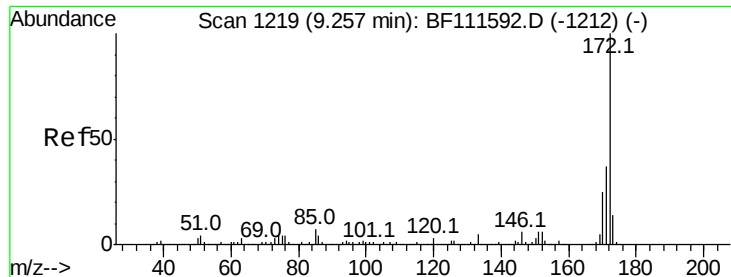
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#44
 2,4,5-Trichlorophenol
 Concen: 53.204 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	431798		
198	95.7	72.9	109.3	
97	48.8	45.3	67.9	
132	27.2	25.5	38.3	





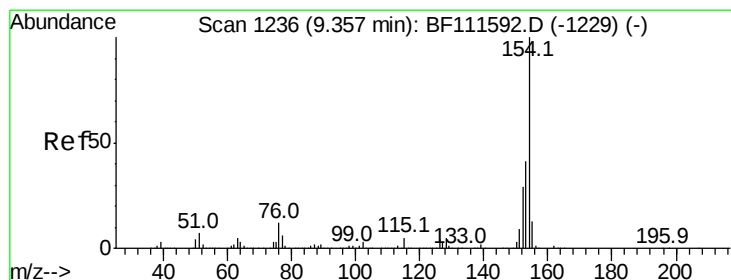
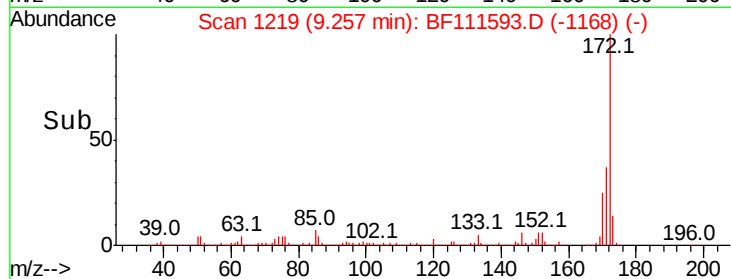
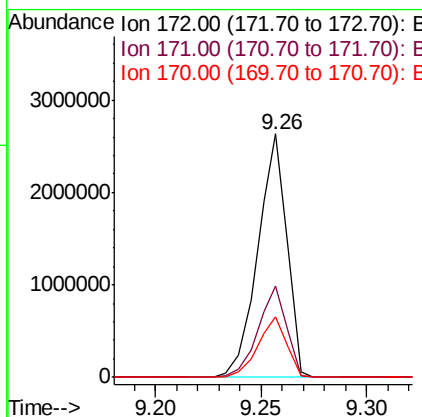
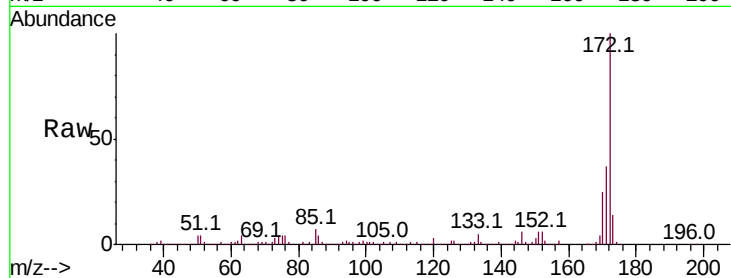
#45
2-Fluorobiphenyl
Concen: 98.484 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.0	49.4
170	25.0	22.3	33.5

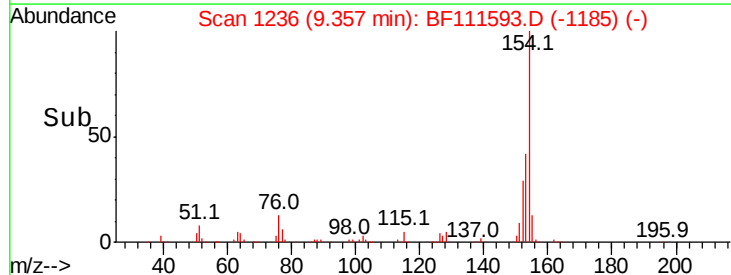
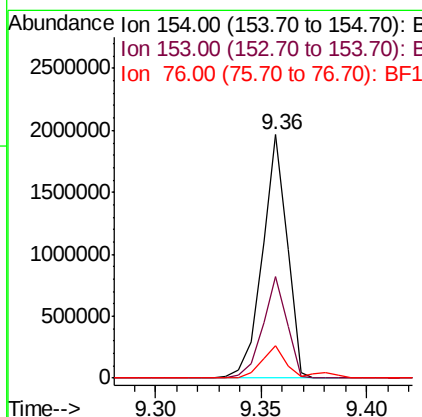
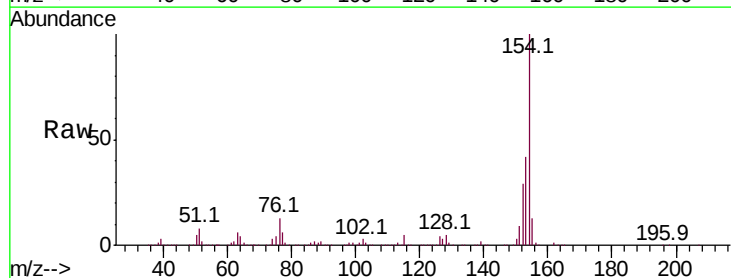
Manual Integrations
APPROVED

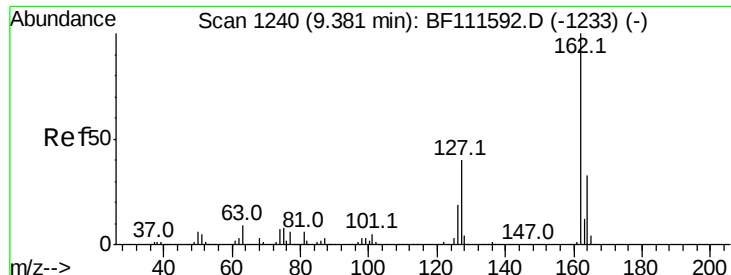
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#46
1,1'-Biphenyl
Concen: 47.836 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.7	63.7
76	13.2	0.0	35.0





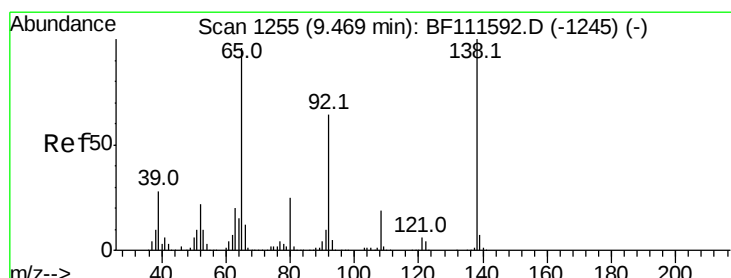
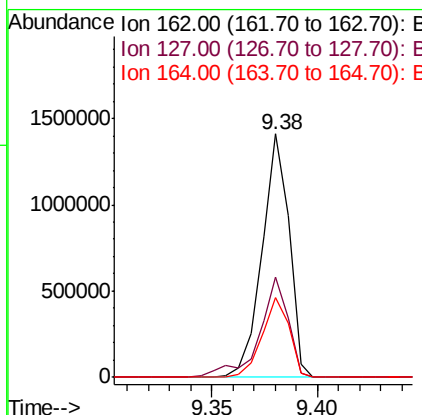
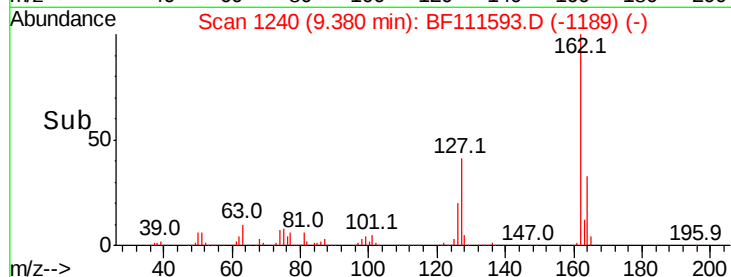
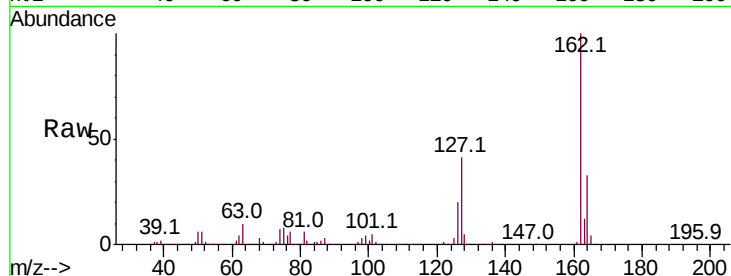
#47
 2-Chloronaphthalene
 Concen: 49.695 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	162	Resp:	1257668
Ion	Ratio	Lower	Upper
162	100		
127	41.1	35.0	52.4
164	32.9	28.4	42.6

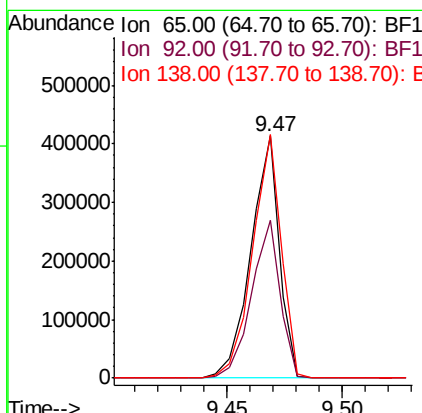
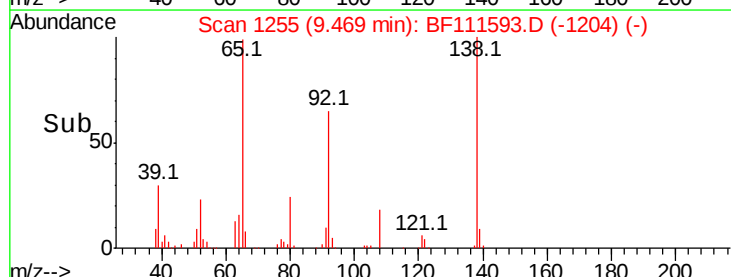
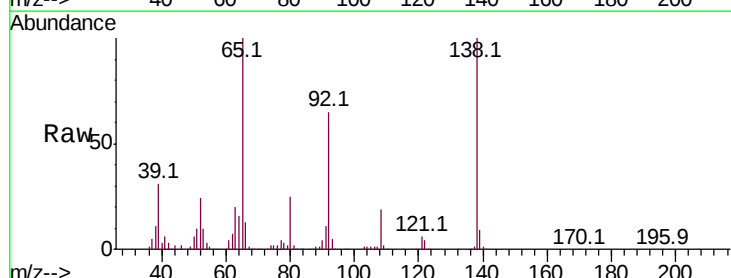
Manual Integrations
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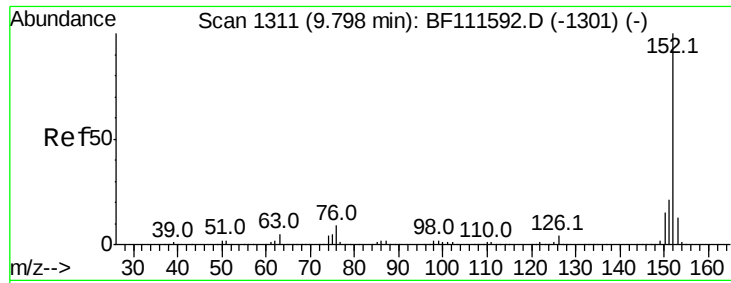
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#48
 2-Nitroaniline
 Concen: 43.397 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion:	65	Resp:	356600
Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.5	80.3
138	100.5	80.9	121.3





#49

Acenaphthylene

Concen: 49.155 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 1846530

Ion Ratio Lower Upper

152 100

151 20.6 18.0 27.0

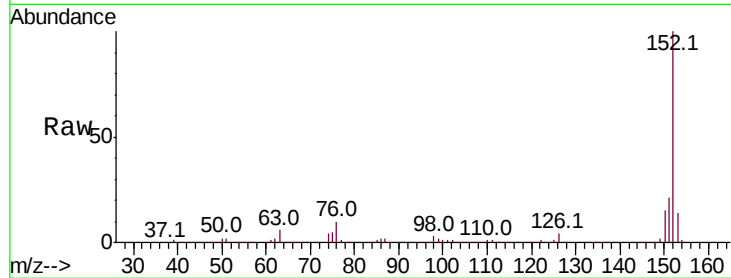
153 13.7 12.3 18.5

Manual Integrations

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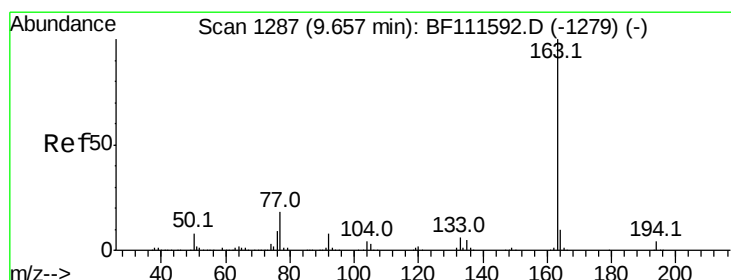
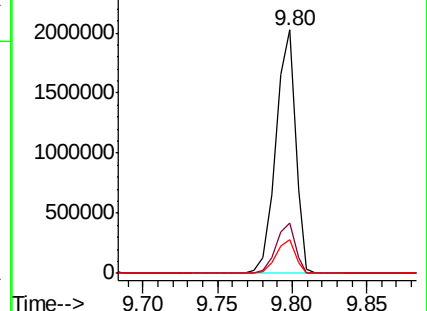
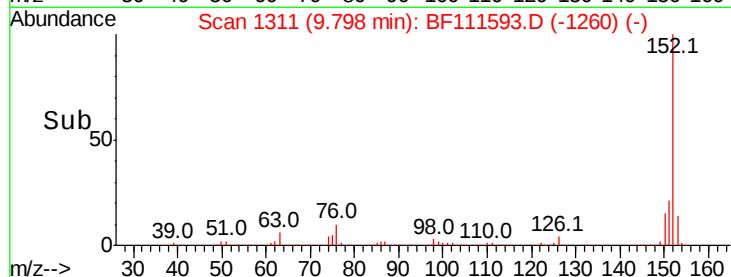
12/20/2018 12:41:49 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.874 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

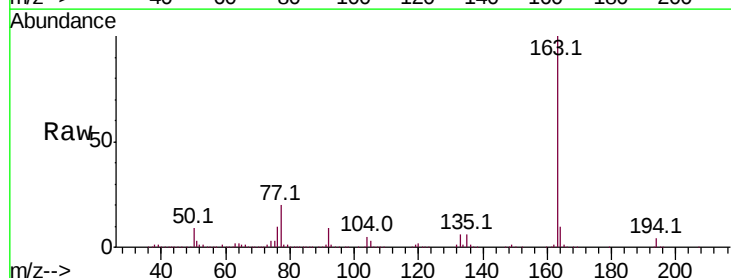
Tgt Ion:163 Resp: 1383085

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

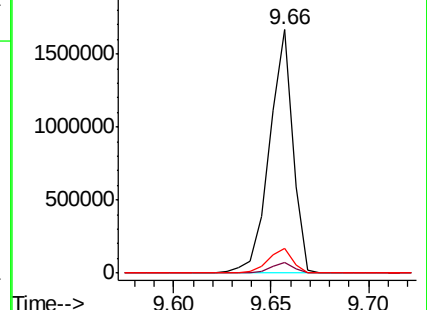
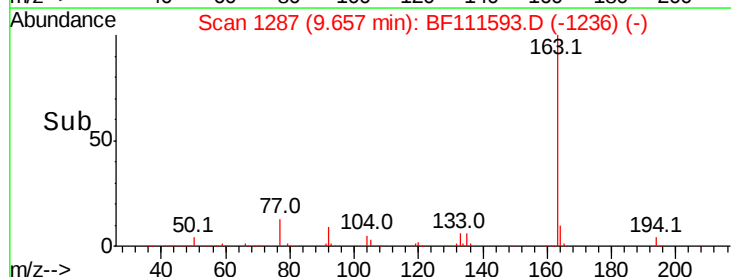
164 10.2 8.9 13.3

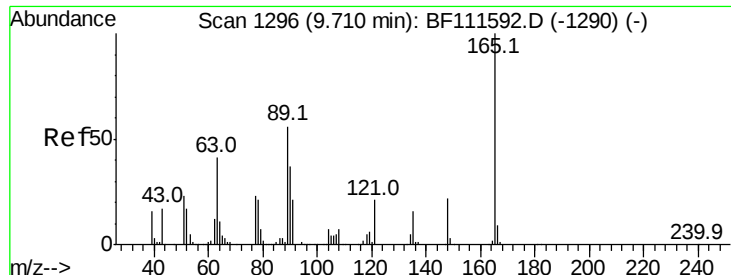


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





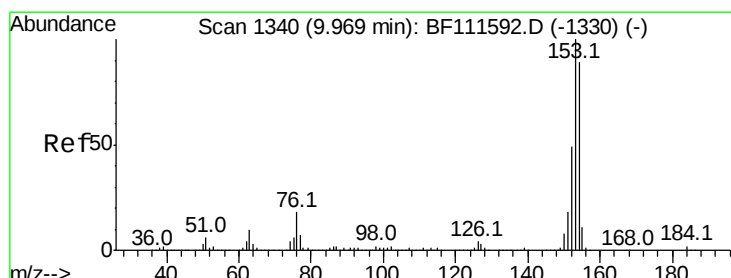
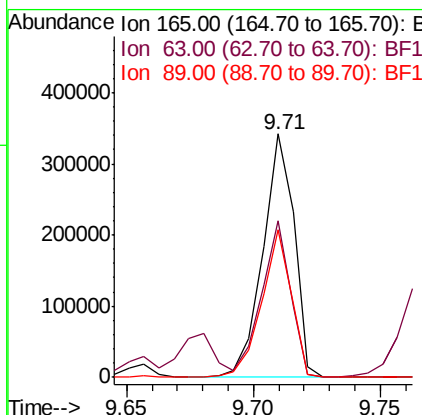
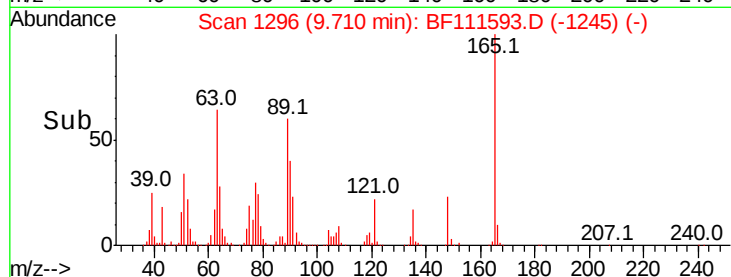
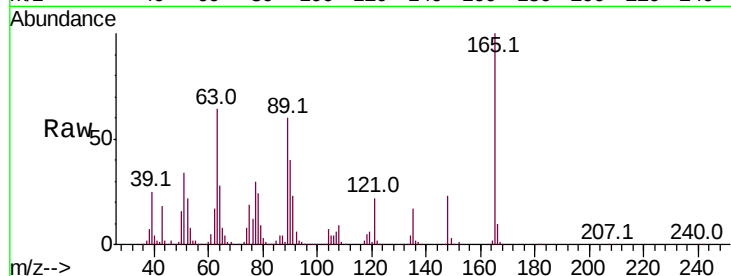
#51
2,6-Dinitrotoluene
Concen: 46.540 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	296449		
63	64.4		40.5	60.7#
89	60.4		40.0	60.0#

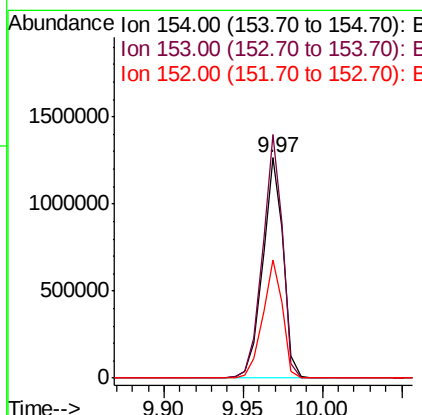
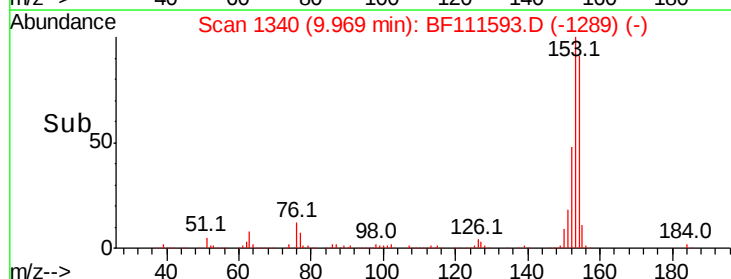
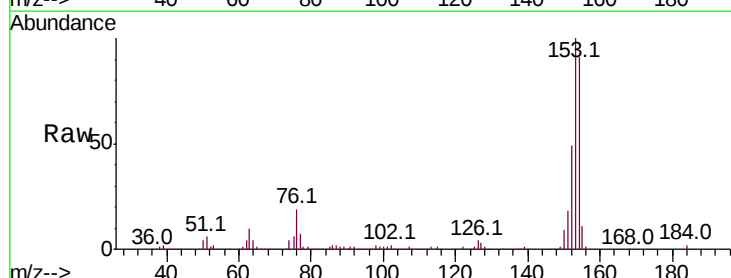
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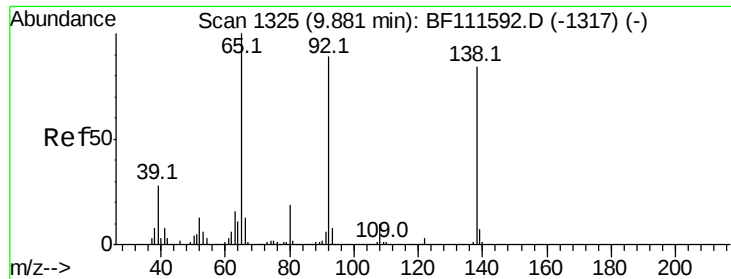
Sohil
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#52
Acenaphthene
Concen: 48.254 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1145702		
153	110.5		87.8	131.8
152	53.8		43.4	65.2





#53

3-Nitroaniline

Concen: 41.951 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:138 Resp: 324573

Ion Ratio Lower Upper

138 100

108 12.8 8.2 12.4#

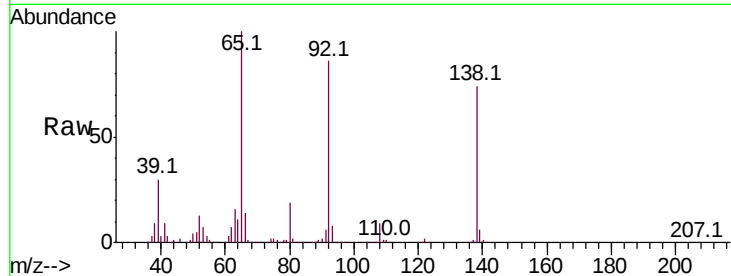
92 116.6 93.4 140.2

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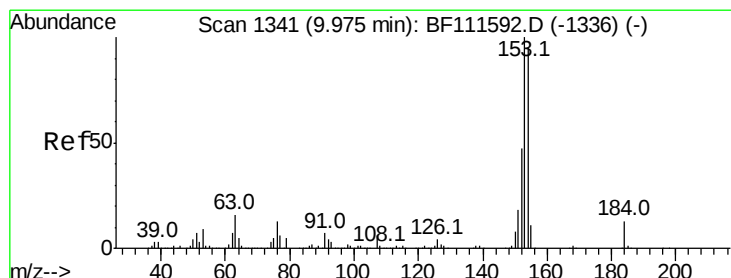
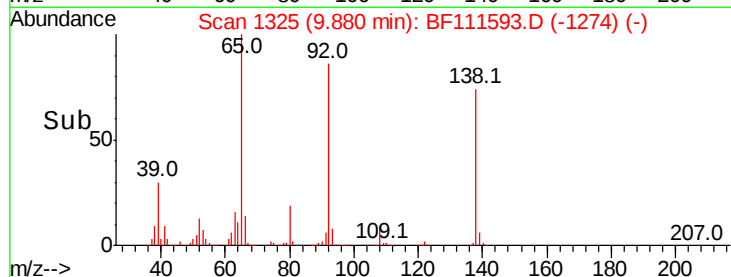
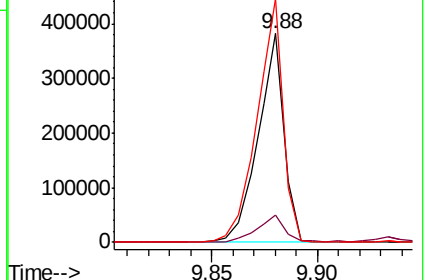
12/20/2018 12:41:49 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 34.280 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

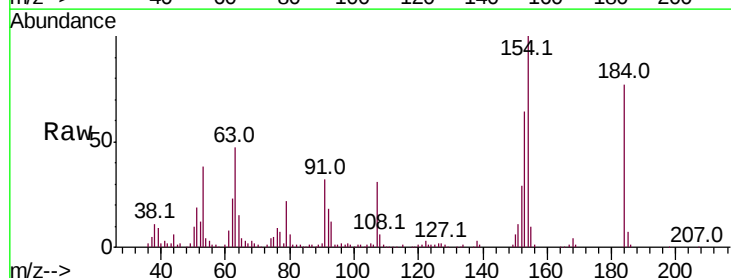
Tgt Ion:184 Resp: 83073

Ion Ratio Lower Upper

184 100

63 61.2 62.3 93.5#

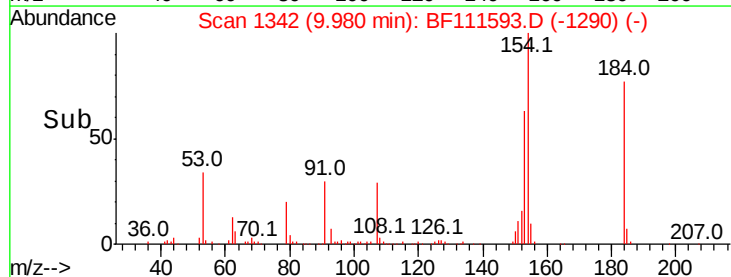
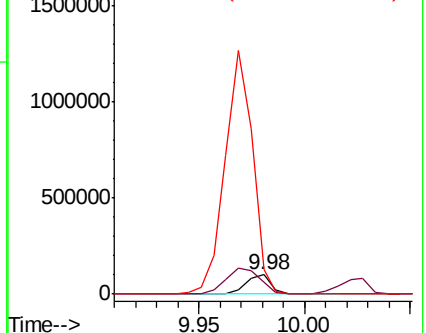
154 129.3 56.2 84.2#

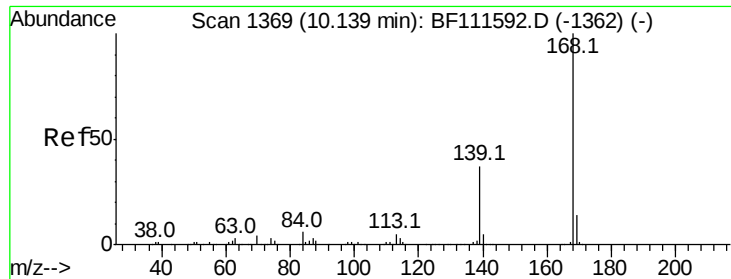


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.629 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:168 Resp: 1710430

Ion Ratio Lower Upper

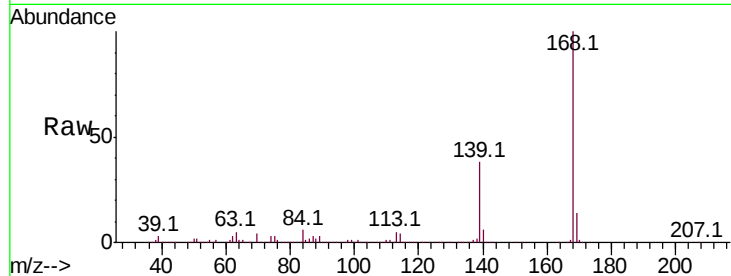
168 100

139 38.3 32.6 49.0

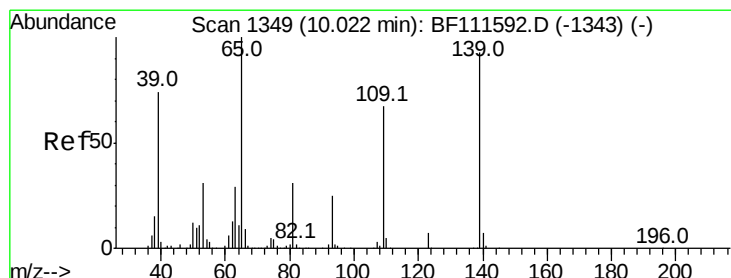
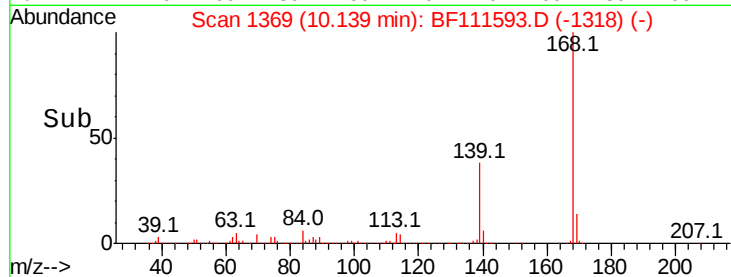
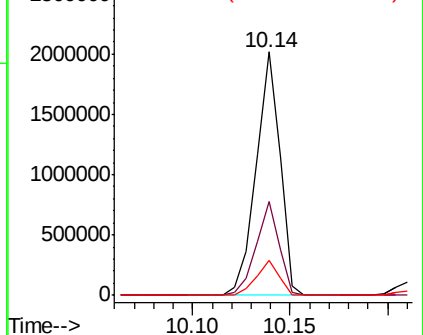
169 14.2 11.8 17.6

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 46.595 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

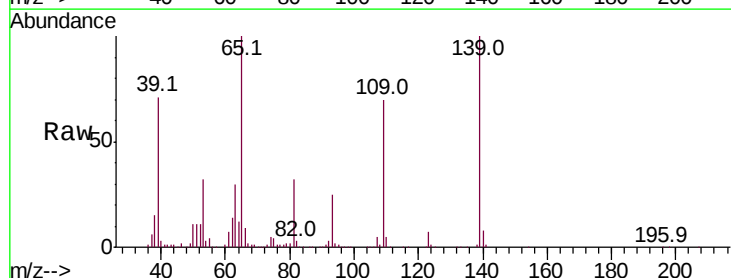
Tgt Ion:139 Resp: 249488

Ion Ratio Lower Upper

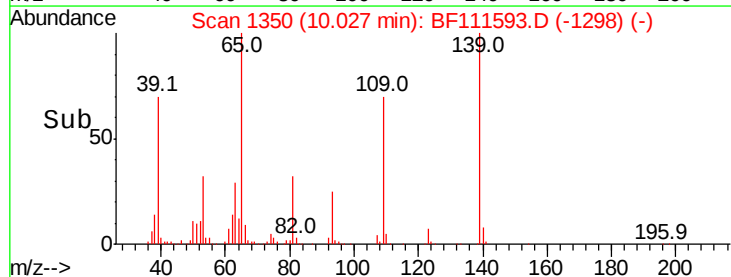
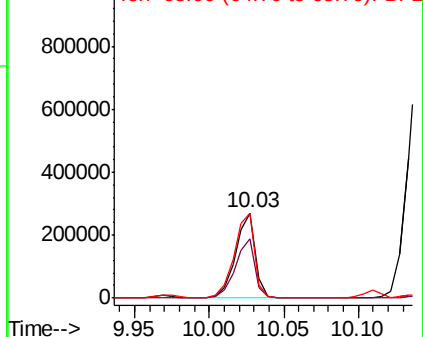
139 100

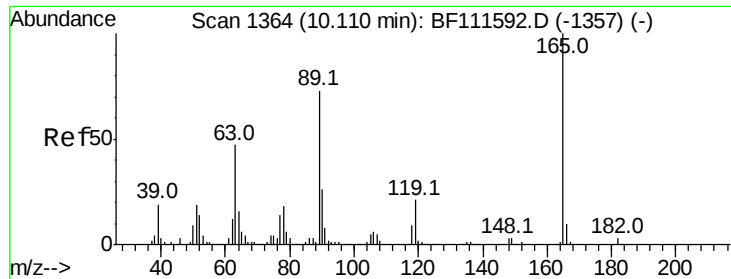
109 70.1 41.8 81.8

65 100.4 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





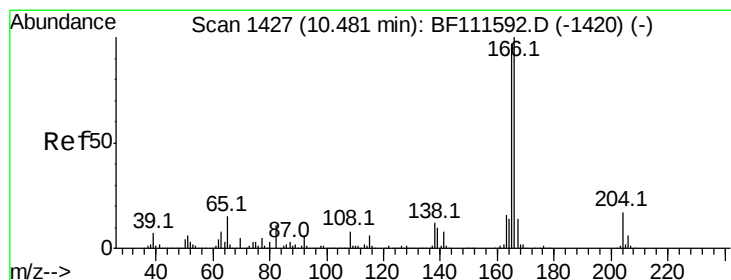
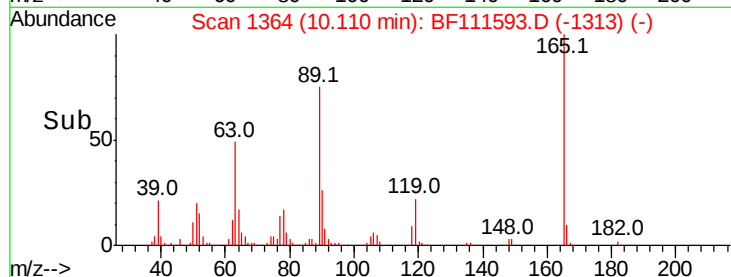
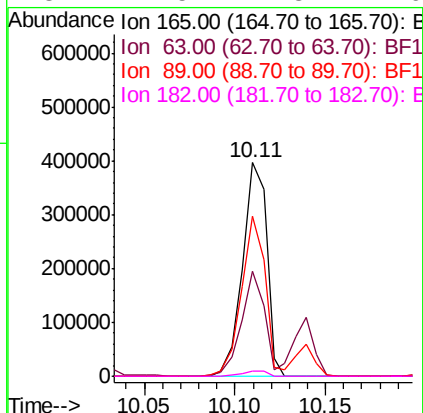
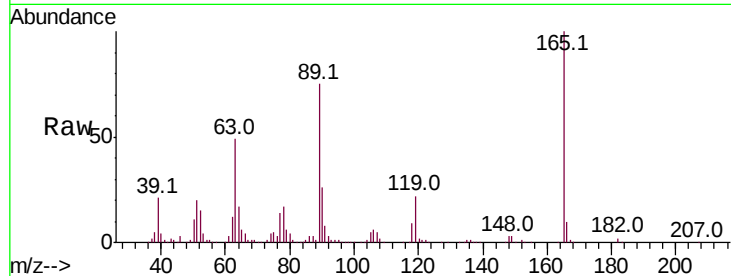
#57
2,4-Dinitrotoluene
Concen: 43.921 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	34.6	52.0
89	74.9	56.2	84.4
182	2.5	1.8	2.6

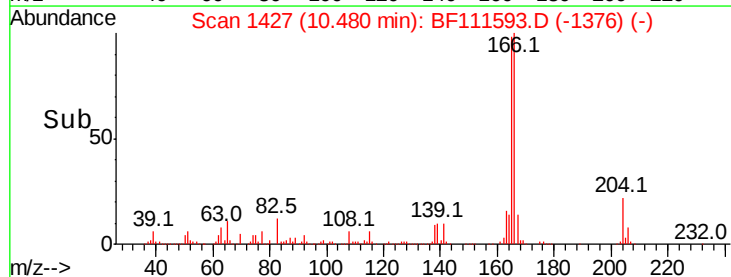
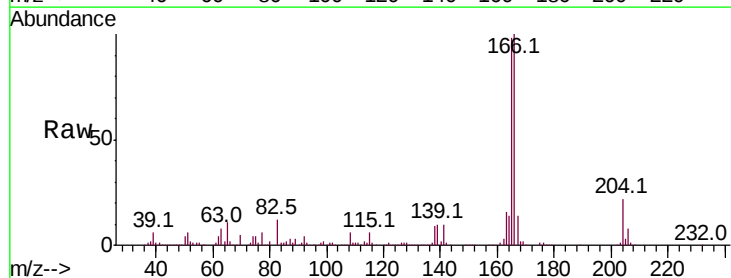
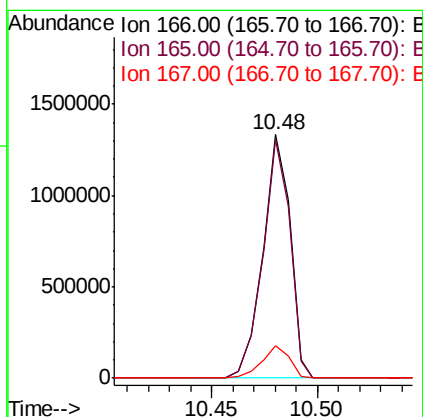
Manual Integrations
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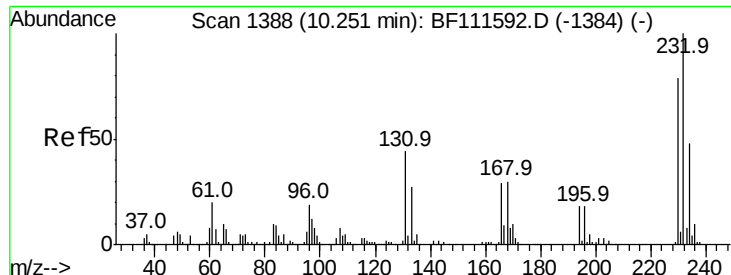
Sohil
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#58
Fluorene
Concen: 48.144 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.6	11.2	16.8





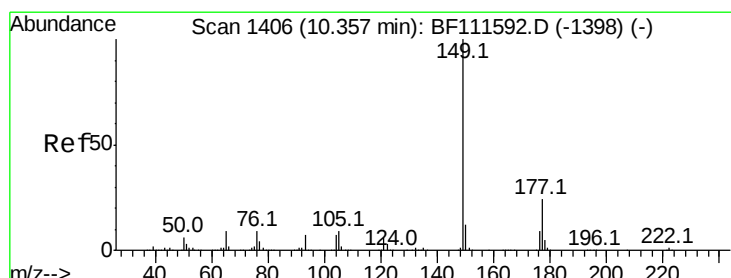
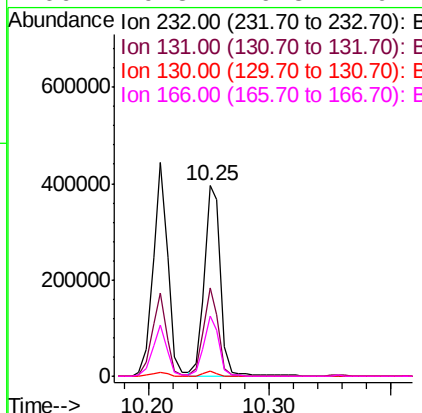
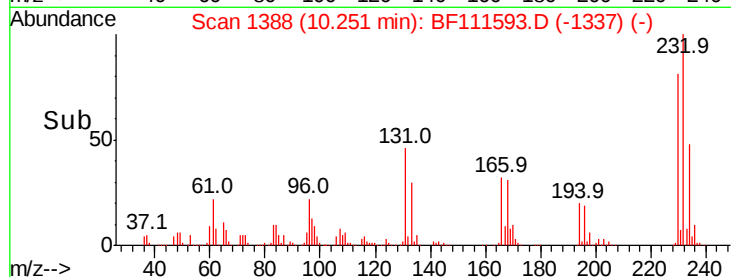
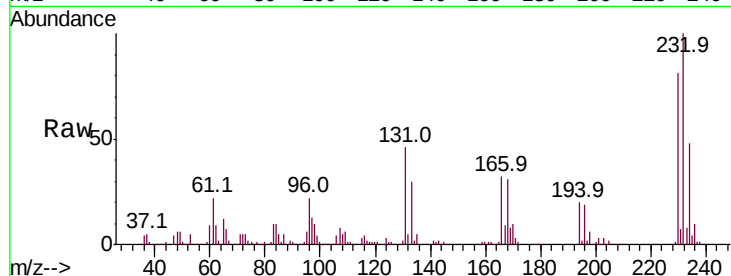
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.538 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	42.5	40.9	61.3
130	2.2	2.0	3.0
166	29.8	26.8	40.2

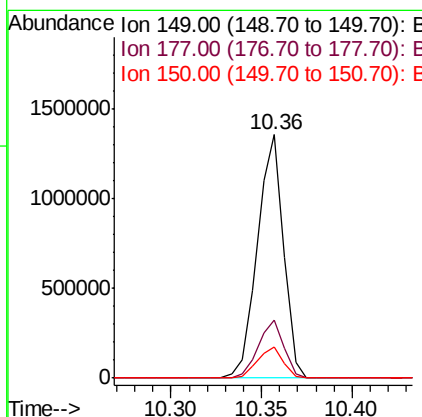
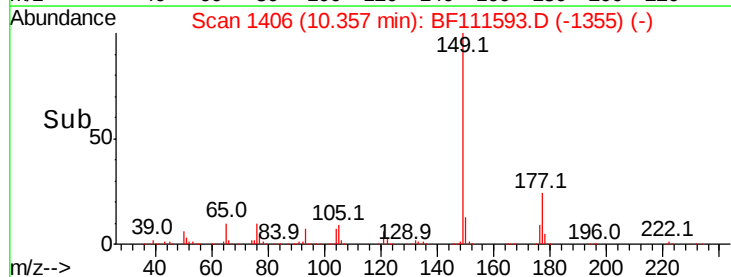
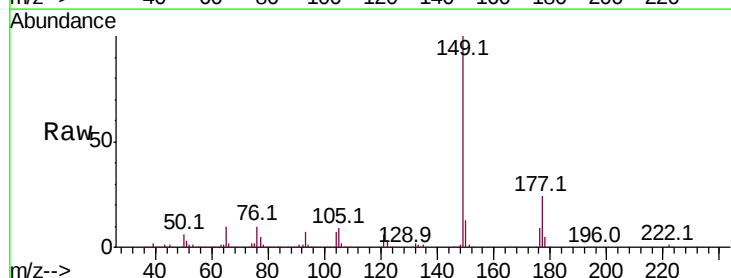
Manual Integrations
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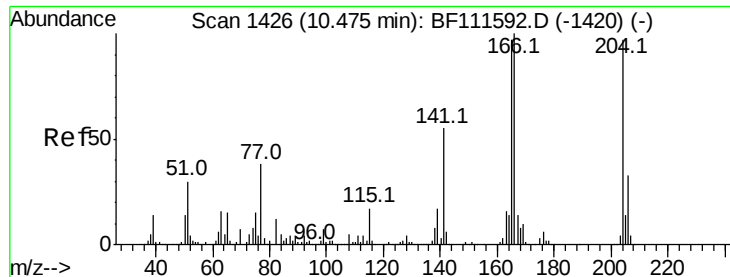
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#60
Diethylphthalate
Concen: 47.229 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	24.0	18.3	27.5
150	12.7	10.6	15.8





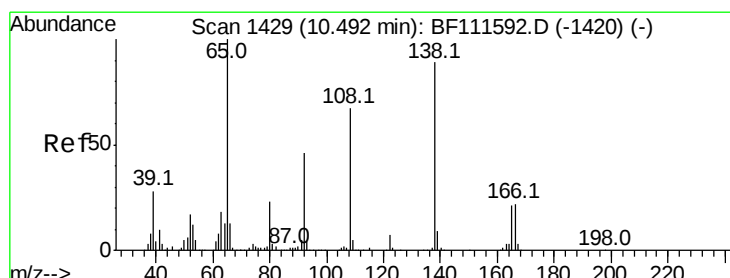
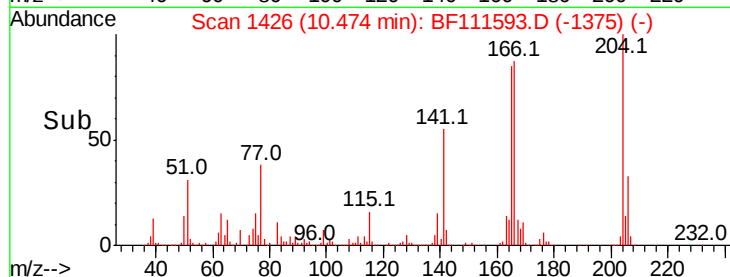
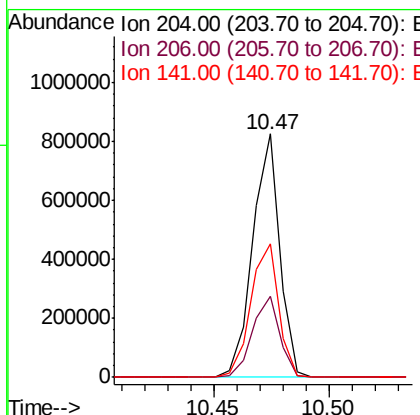
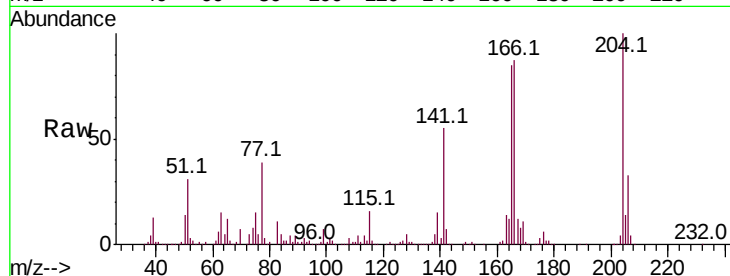
#61
4-Chlorophenyl-phenylether
Concen: 55.123 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	55.0	52.6	78.8

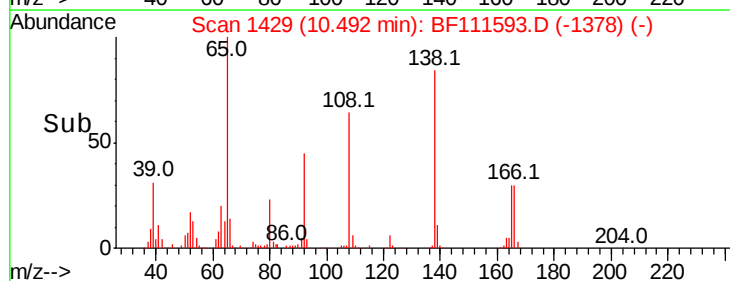
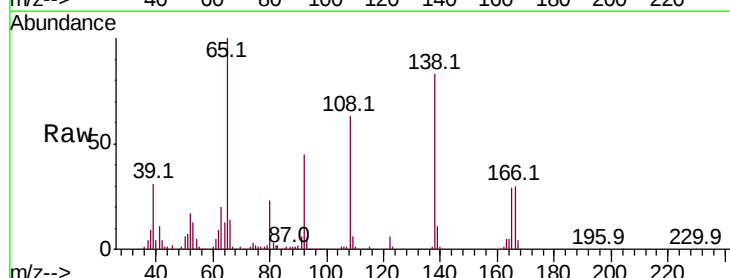
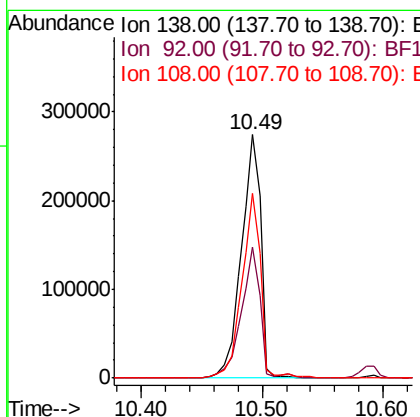
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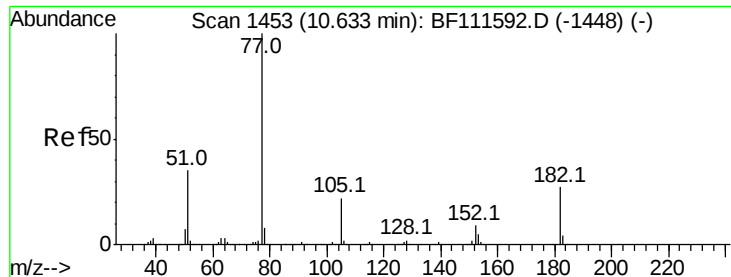
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#62
4-Nitroaniline
Concen: 40.069 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	29.9	69.9
108	75.9	43.2	83.2





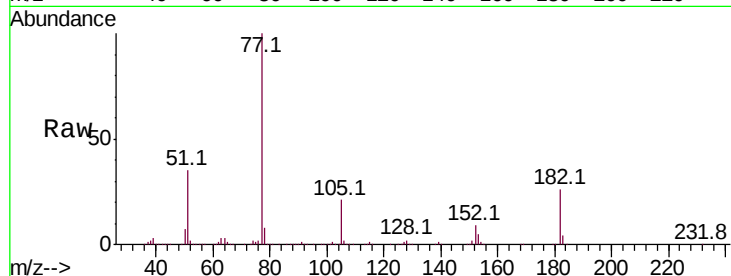
#63
Azobenzene
Concen: 48.187 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.9	44.9
105	21.3	6.0	46.0
51	34.6	14.7	54.7

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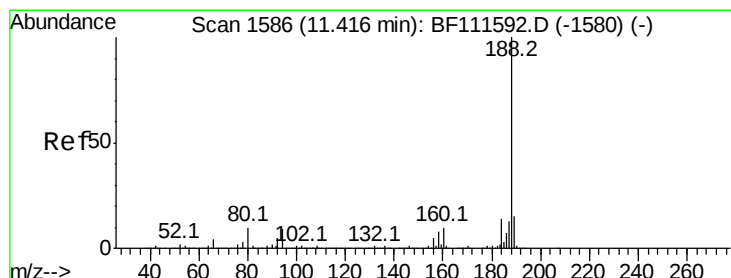
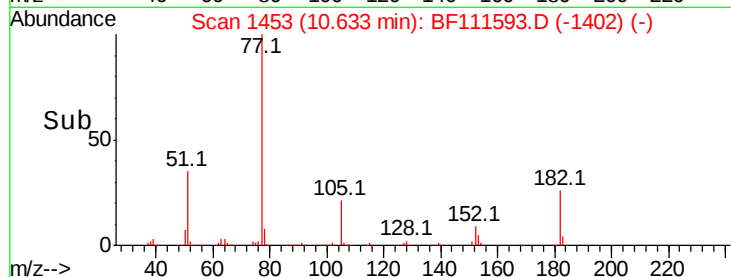
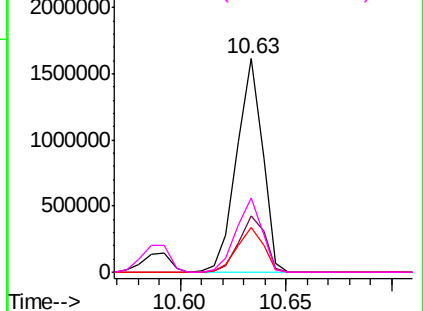
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

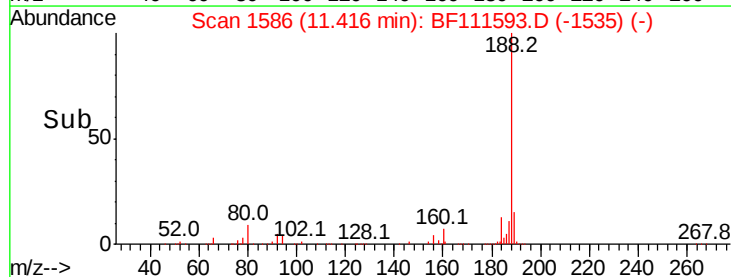
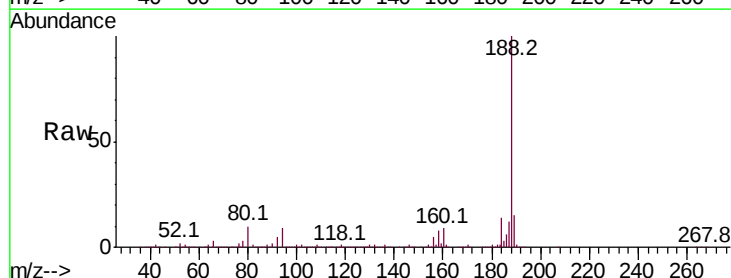
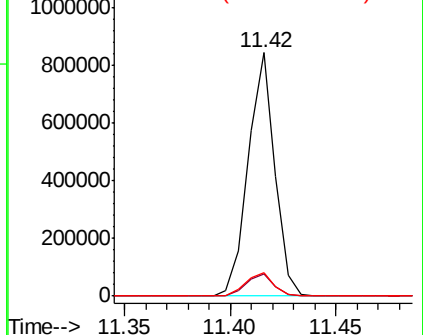
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.6	14.4#
80	9.7	9.8	14.6#

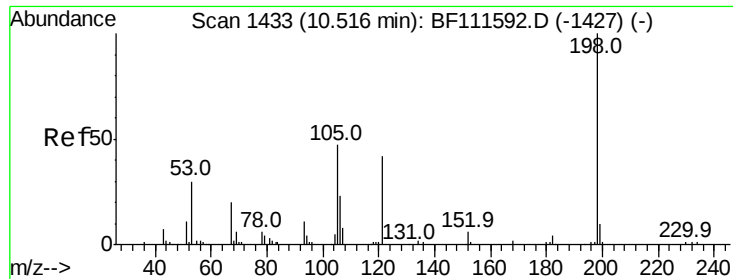
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.802 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

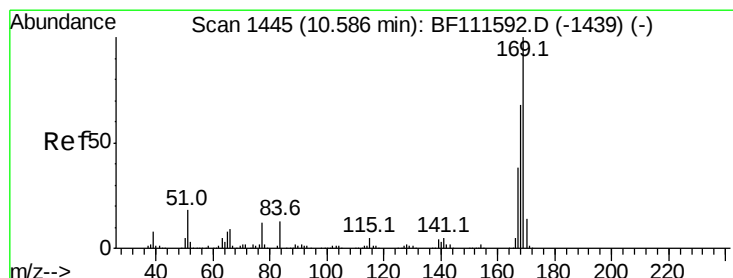
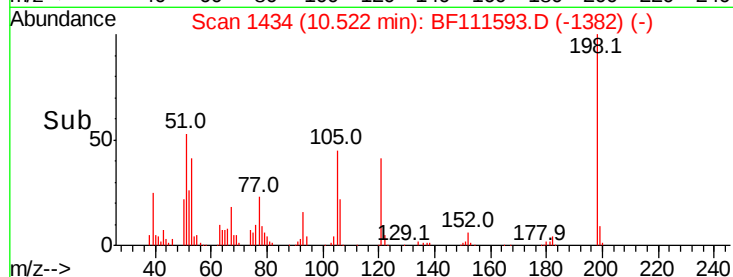
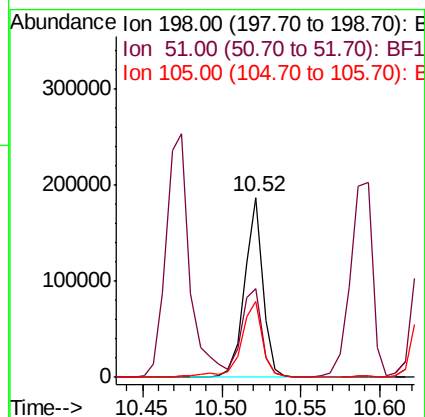
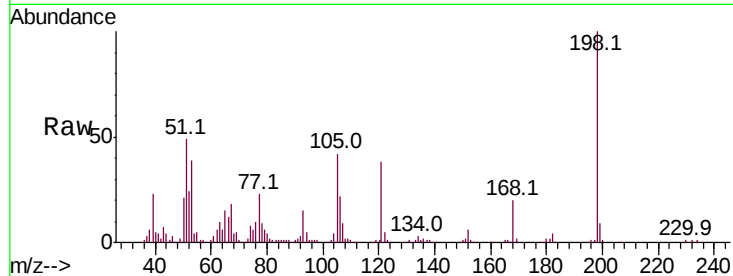
ClientSampleId :

SSTDIC050

Tot Ion:	198	Resp:	149081
Ion Ratio	Lower	Upper	
198	100		
51	49.3	48.0	88.0
105	42.4	34.0	74.0

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#66

n-Nitrosodiphenylamine

Concen: 46.468 ng

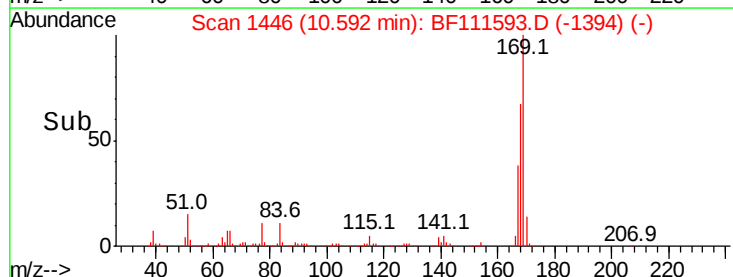
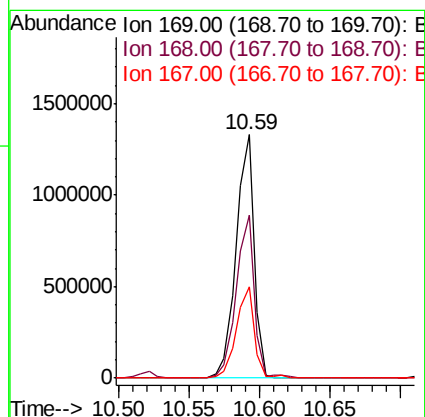
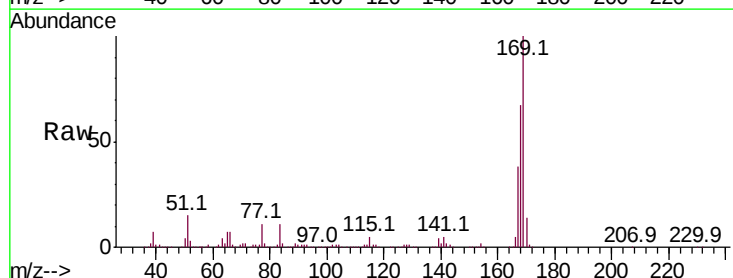
RT: 10.59 min Scan# 1446

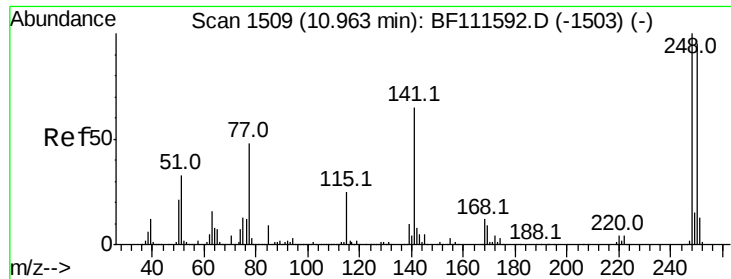
Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	169	Resp:	1181940
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.4	81.6
167	37.7	30.5	45.7





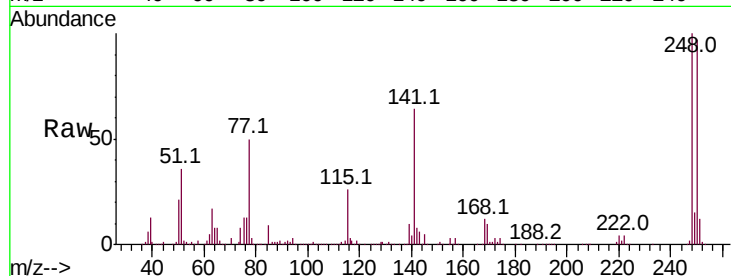
#67
4-Bromophenyl-phenylether
Concen: 55.589 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

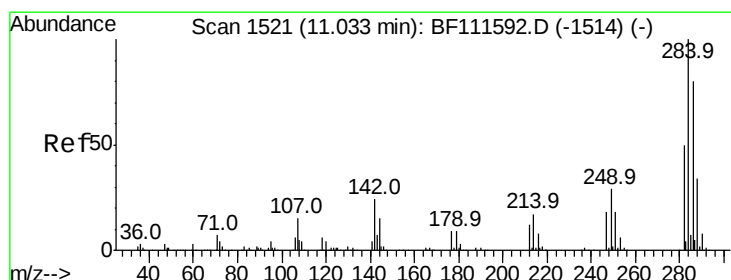
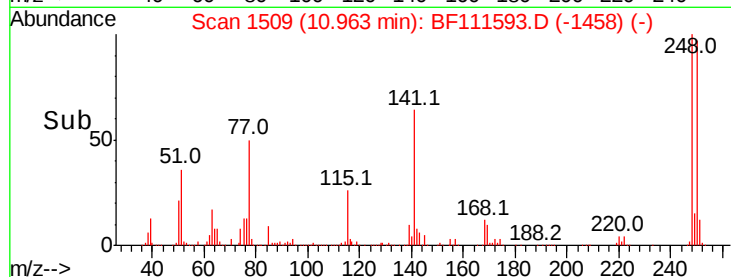
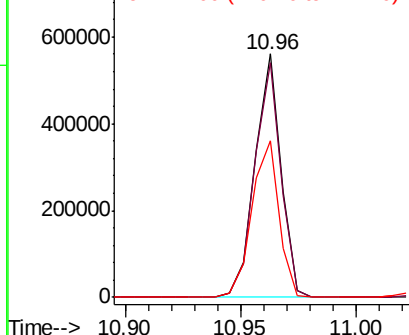
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	64.3	63.0	94.6

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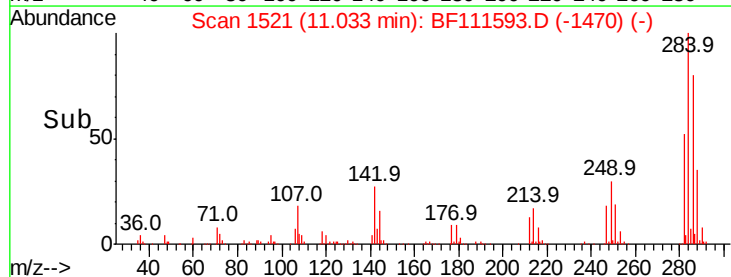
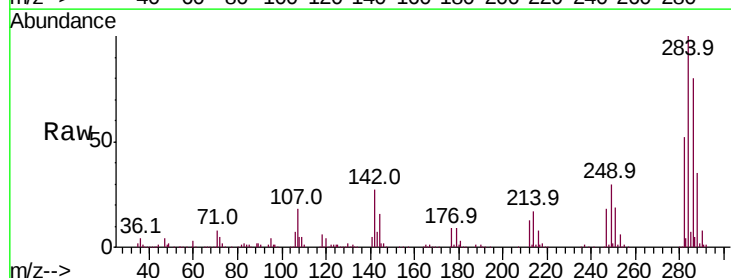
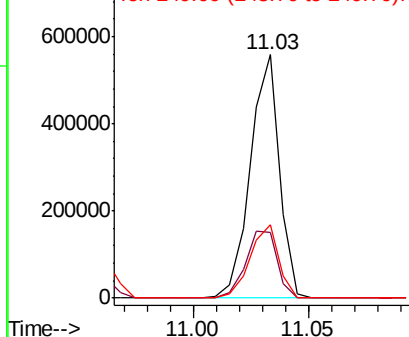
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

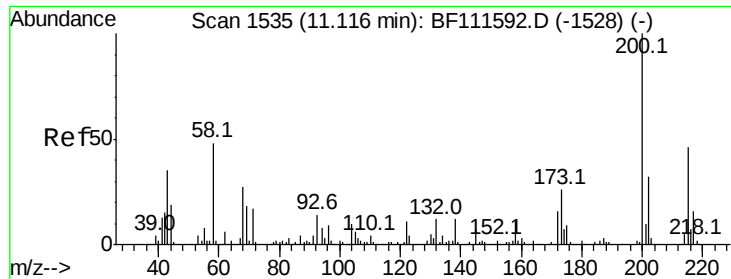


#68
Hexachlorobenzene
Concen: 60.023 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	27.4	41.2#
249	30.0	24.4	36.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





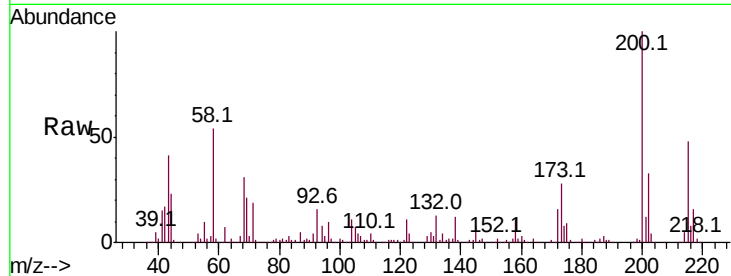
#69
Atrazine
Concen: 55.460 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	10.1	50.1
215	48.3	26.9	66.9

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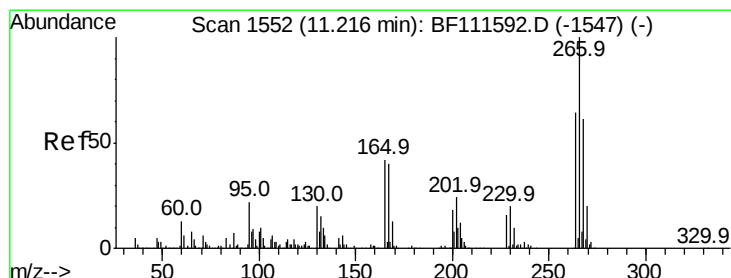
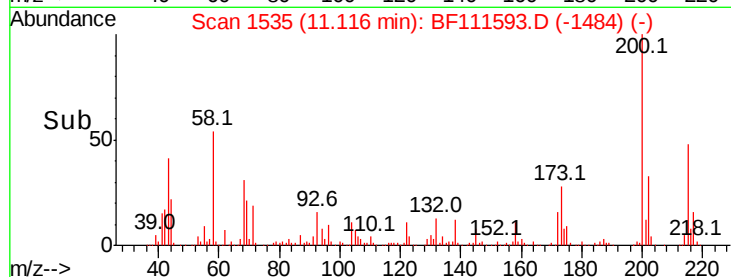
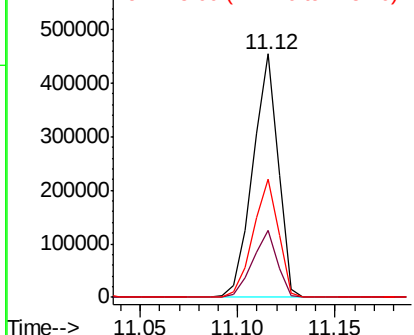


Abundance

Ion 200.00 (199.70 to 200.70): E

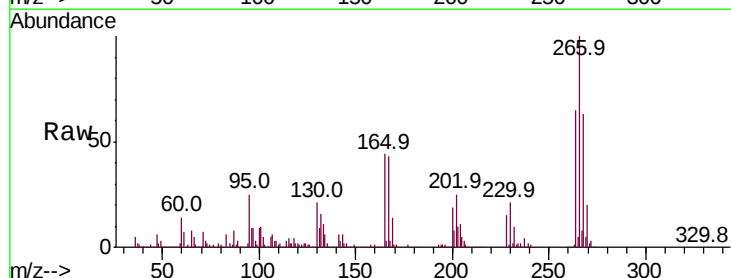
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 64.062 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	47.9	71.9
264	65.0	49.1	73.7

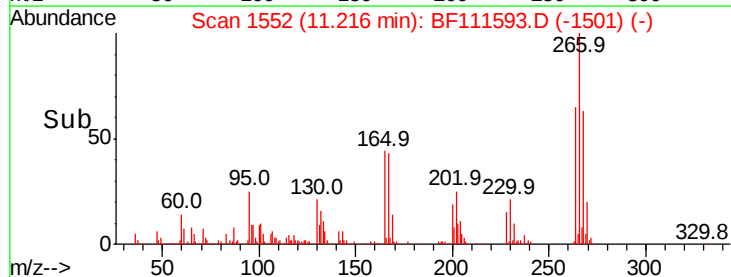
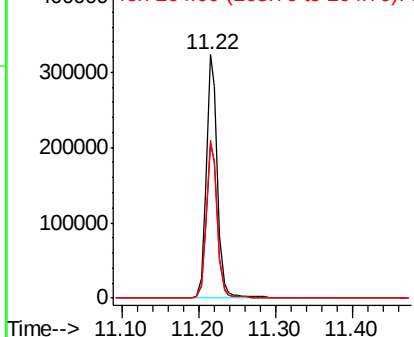


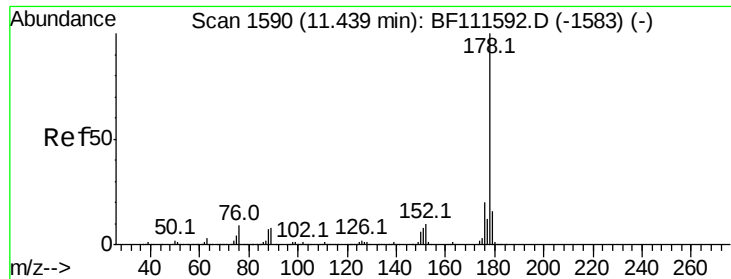
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.679 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 1850127

Ion Ratio Lower Upper

178 100

176 20.1 18.1 27.1

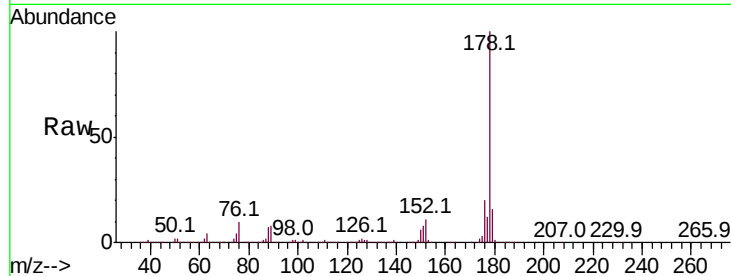
179 16.0 14.0 21.0

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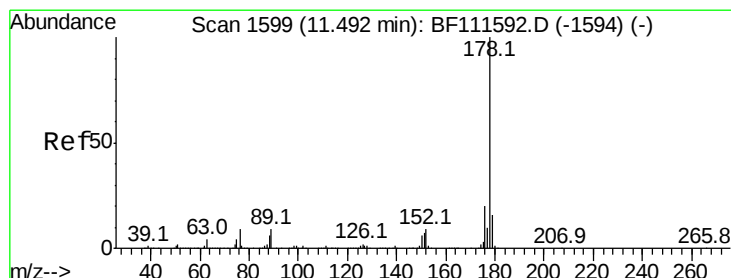
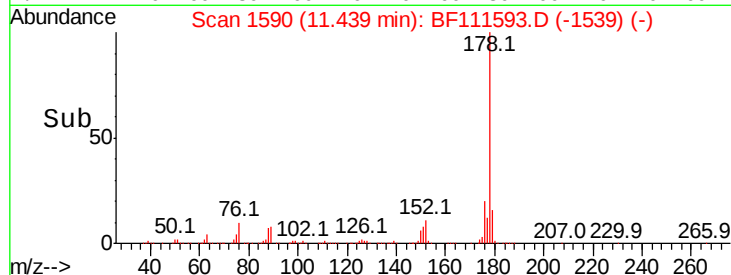
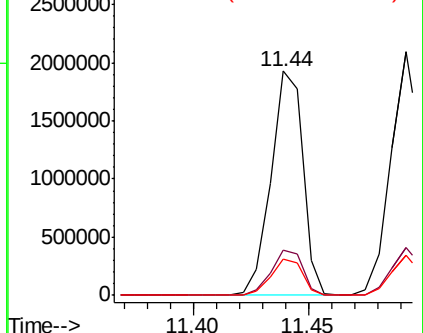
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.085 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:178 Resp: 1869003

Ion Ratio Lower Upper

178 100

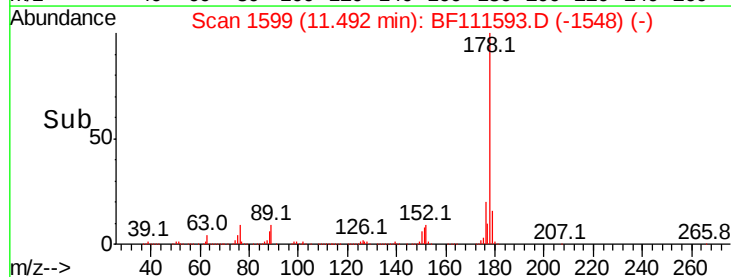
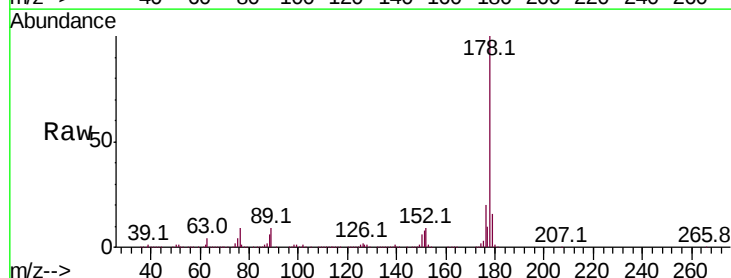
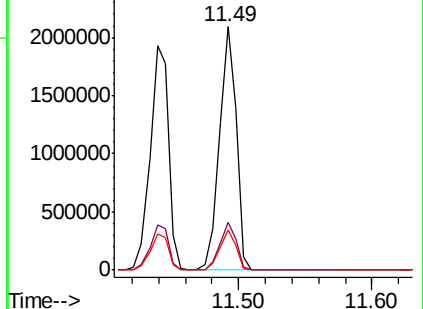
176 19.9 17.2 25.8

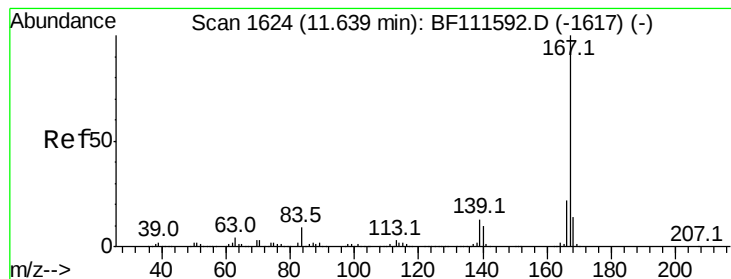
179 16.2 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.496 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:167 Resp: 1788462

Ion Ratio Lower Upper

167 100

166 22.3 19.3 28.9

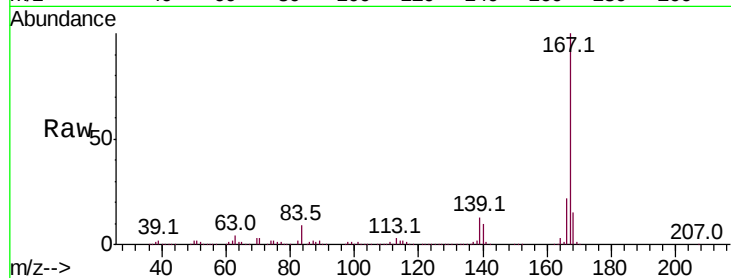
139 13.3 11.9 17.9

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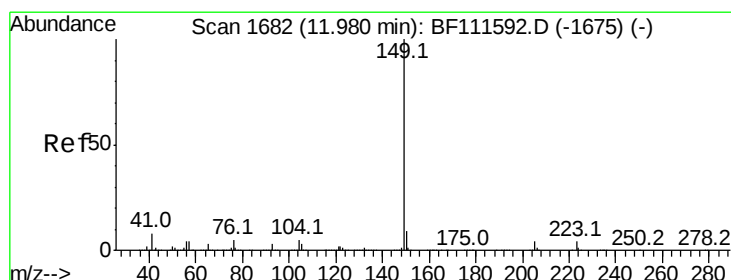
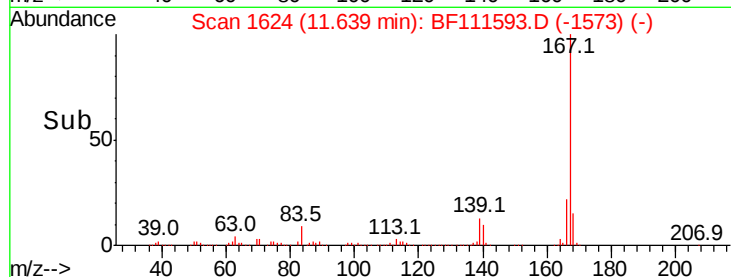
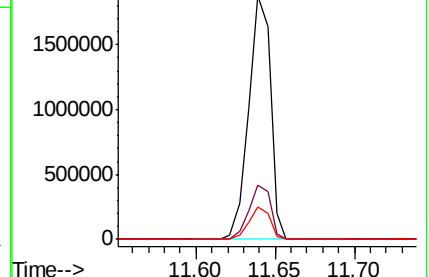
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.074 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

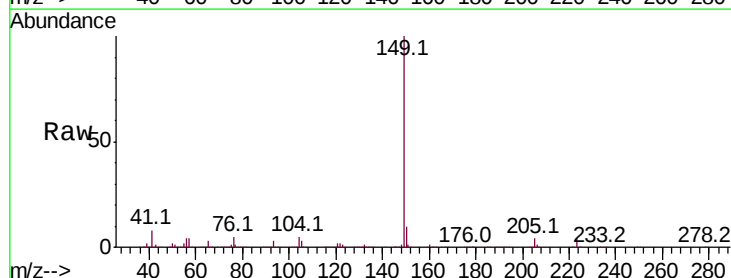
Tgt Ion:149 Resp: 2017649

Ion Ratio Lower Upper

149 100

150 9.5 8.8 13.2

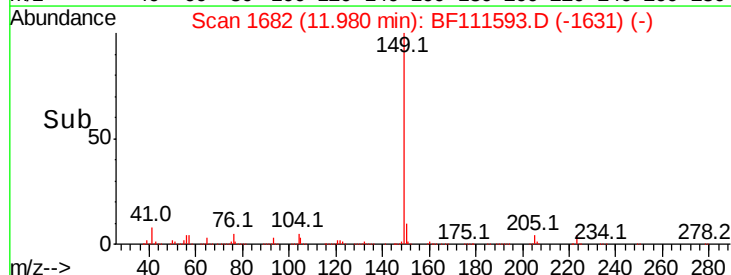
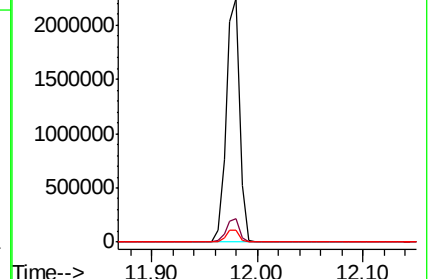
104 4.8 4.5 6.7

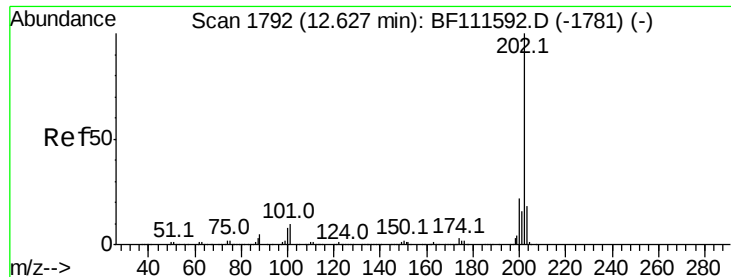


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.998 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

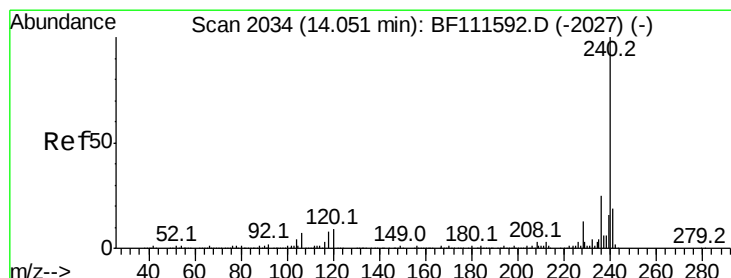
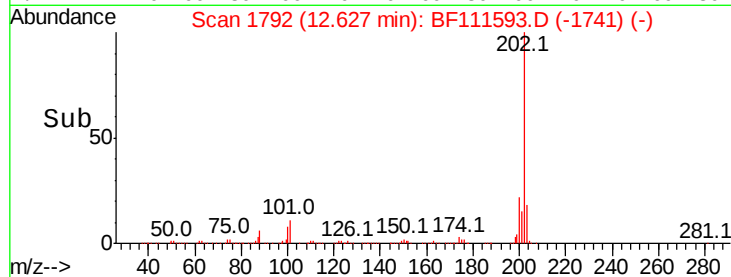
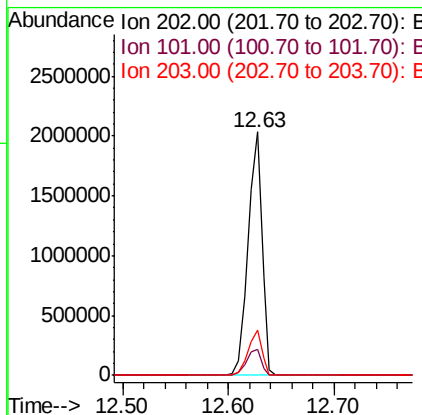
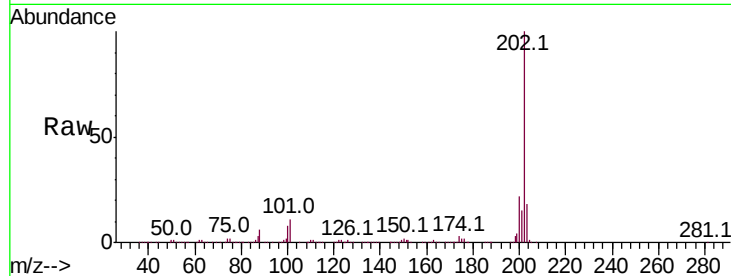
ClientSampleId :

SSTDICC050

Tot Ion:	202	Resp:	1859011
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	33.8
203	18.3	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

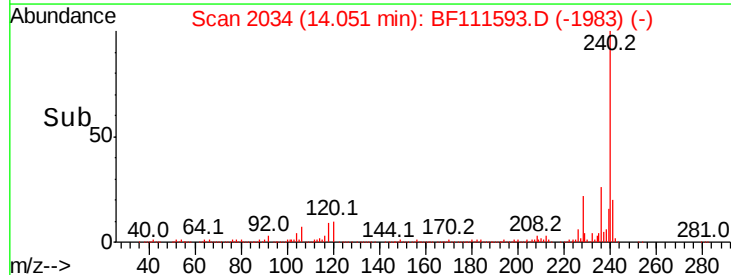
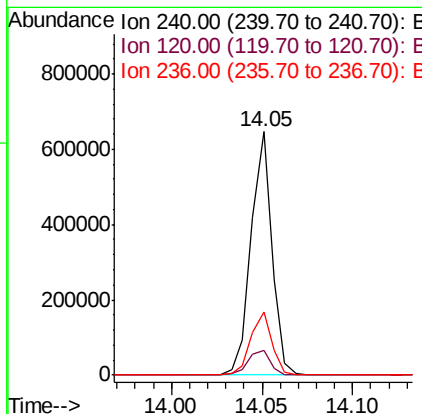
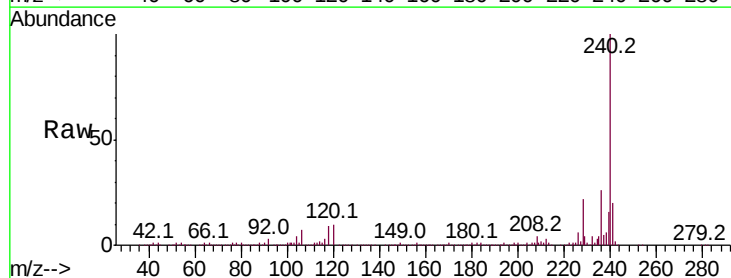
RT: 14.05 min Scan# 2034

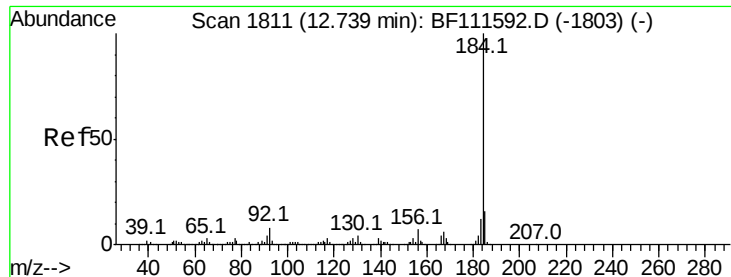
Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	240	Resp:	517298
Ion Ratio	Lower	Upper	
240	100		
120	10.2	12.2	18.2#
236	26.2	20.2	30.2





#77

Benzidine

Concen: 49.940 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 949658

Ion Ratio Lower Upper

184 100

185 17.5 13.0 19.6

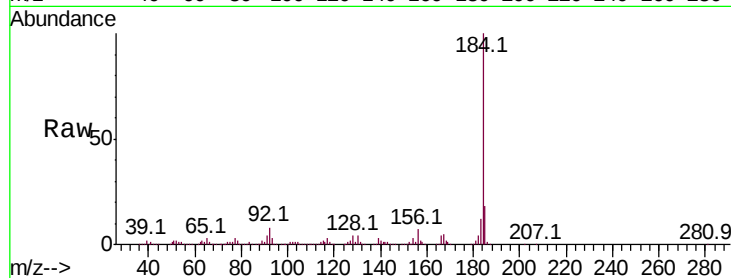
183 11.8 9.3 13.9

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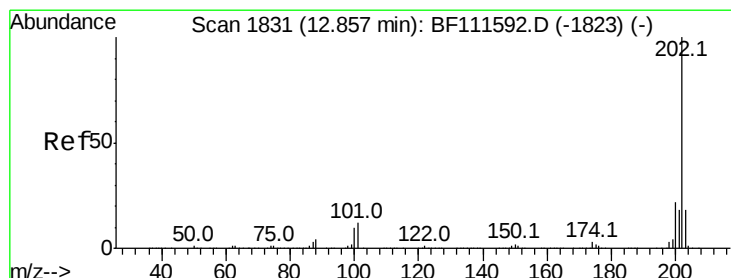
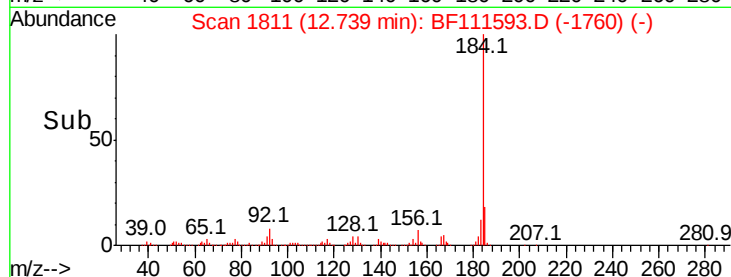
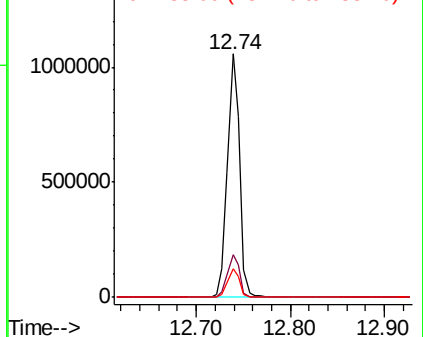
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.710 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

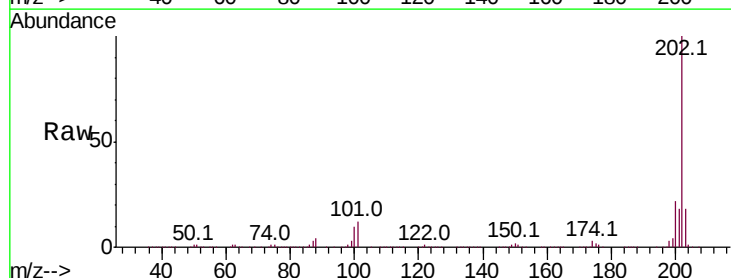
Tgt Ion:202 Resp: 1885940

Ion Ratio Lower Upper

202 100

200 22.3 19.0 28.4

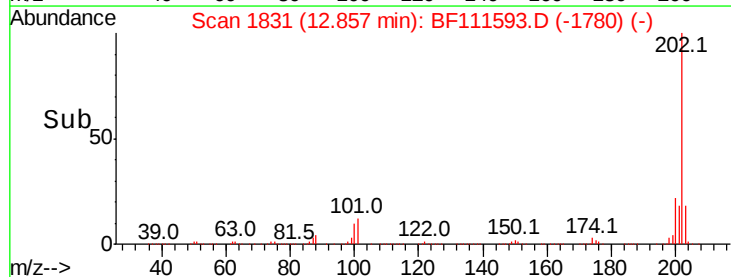
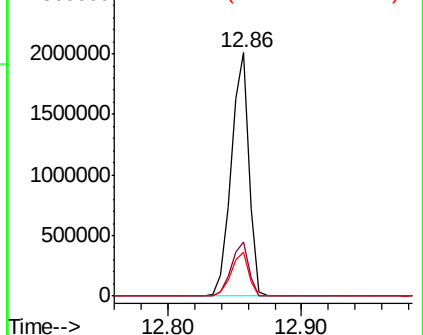
203 18.2 15.2 22.8

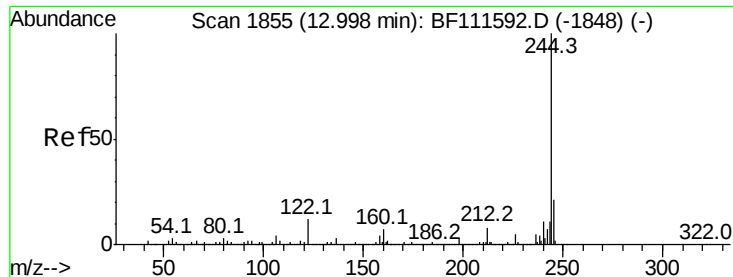


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





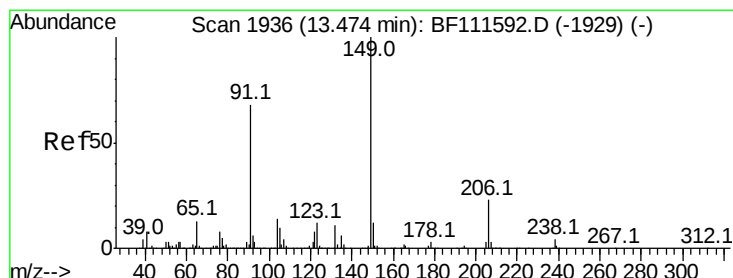
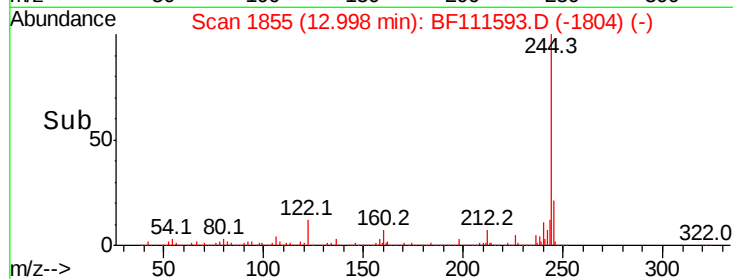
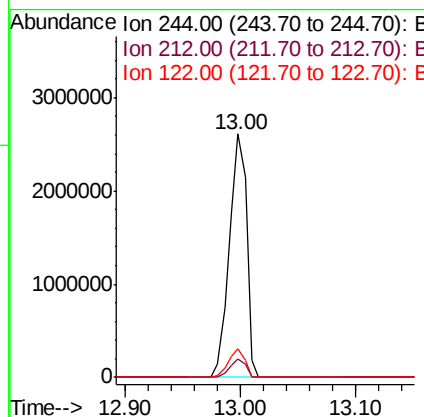
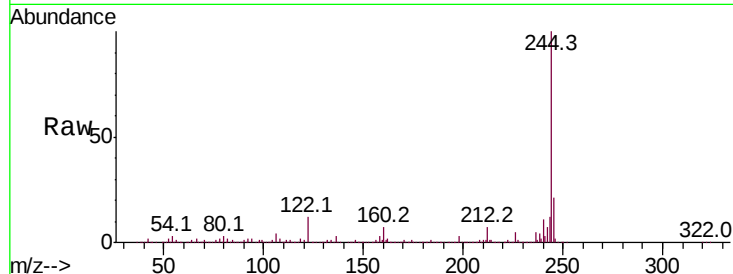
#79
 Terphenyl-d14
 Concen: 122.542 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.0	13.1	19.7#

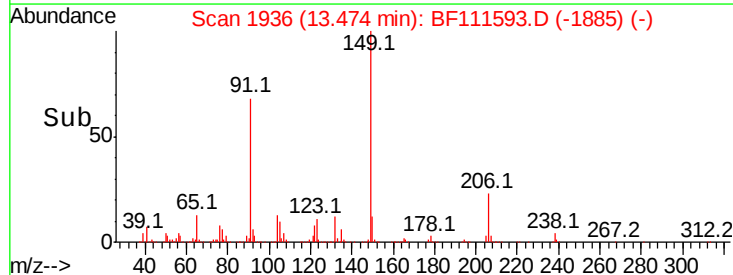
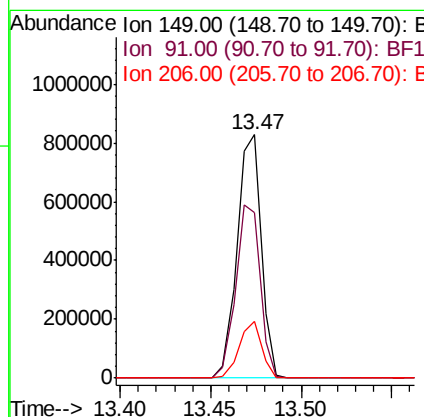
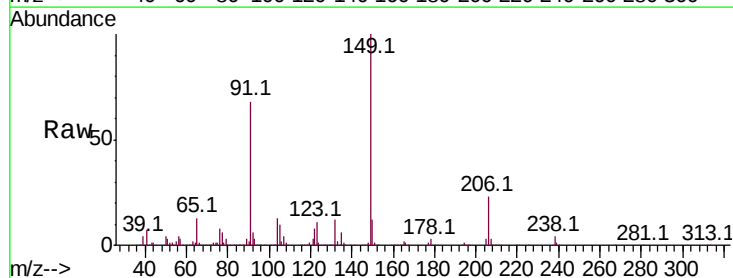
Manual Integrations
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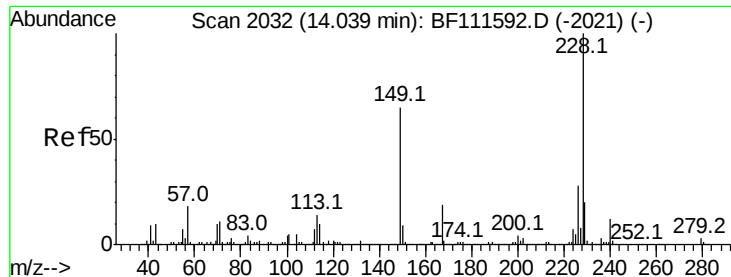
Sohil
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#80
 Butylbenzylphthalate
 Concen: 43.257 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	63.8	95.6
206	23.3	15.1	22.7#





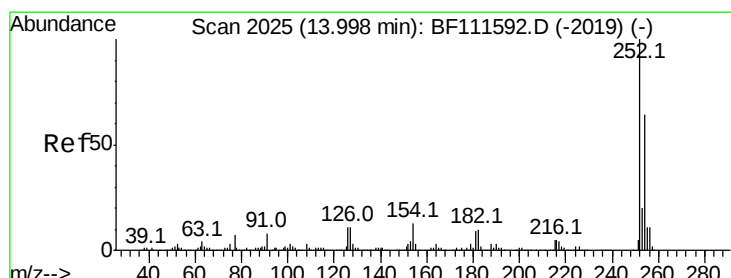
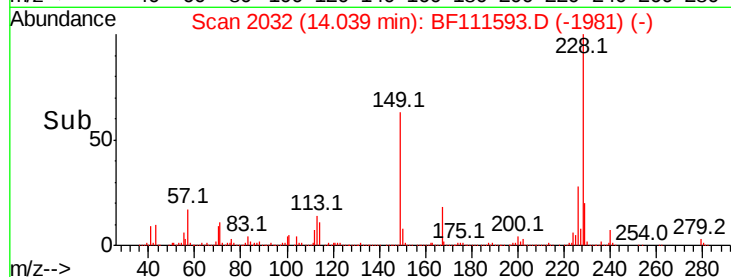
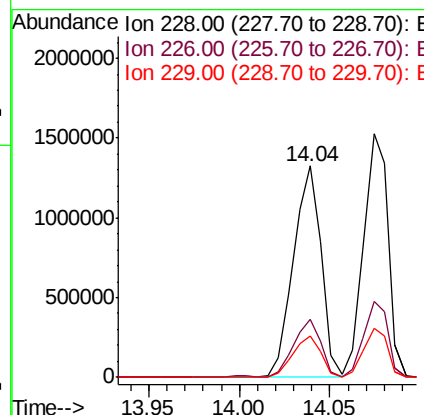
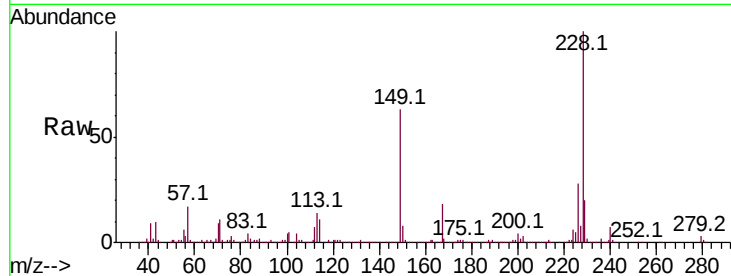
#81
Benzo(a)anthracene
Concen: 50.836 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	19.7	16.3	24.5

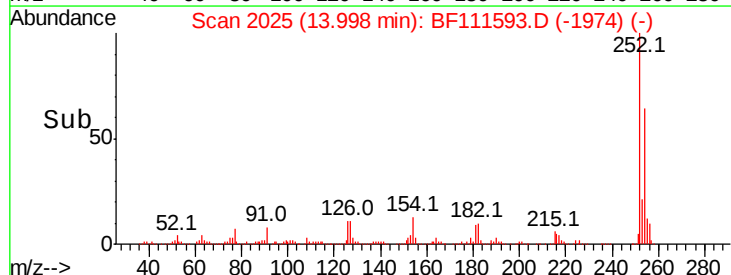
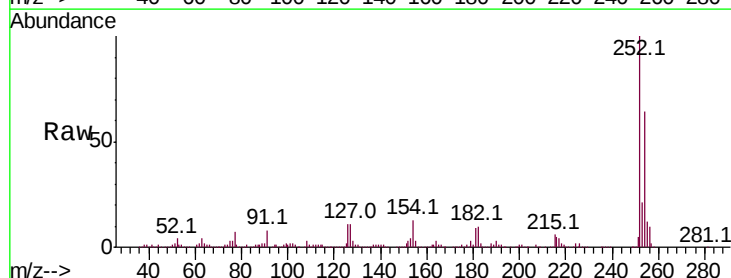
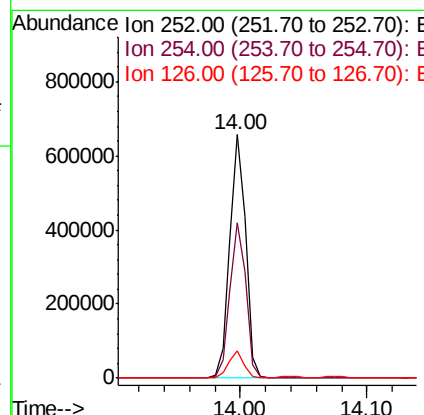
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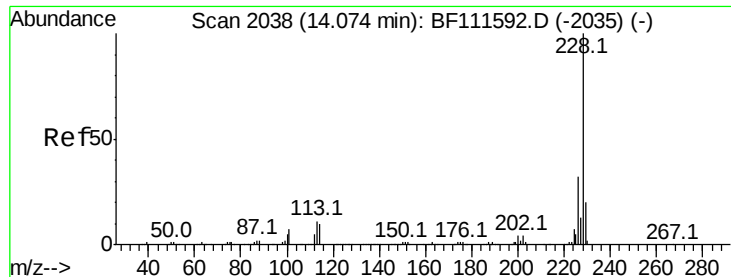
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#82
3,3'-Dichlorobenzidine
Concen: 50.075 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.7	79.1
126	11.2	11.1	16.7





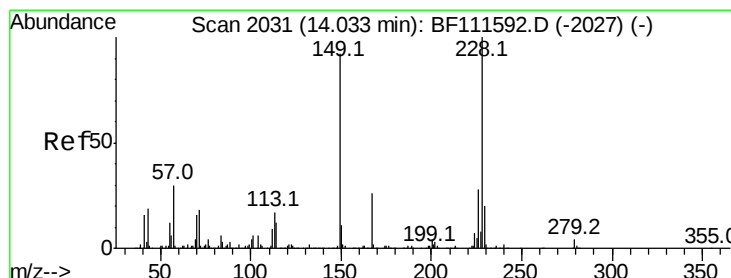
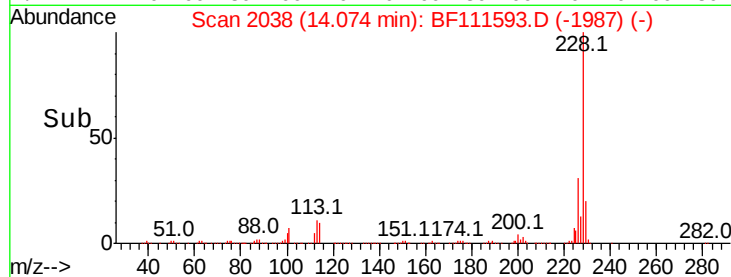
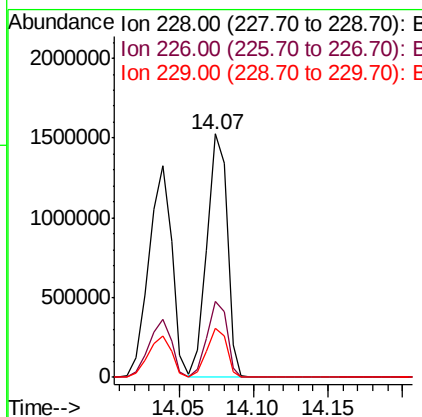
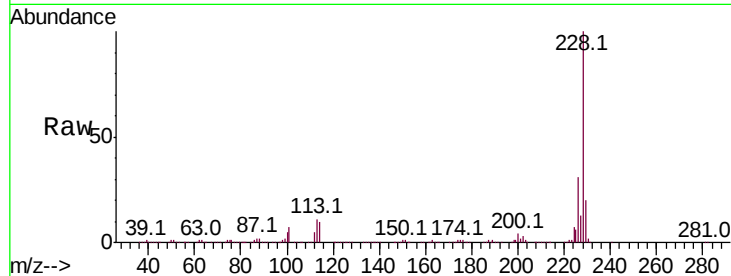
#83
 Chrysene
 Concen: 48.308 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	20.2	17.2	25.8

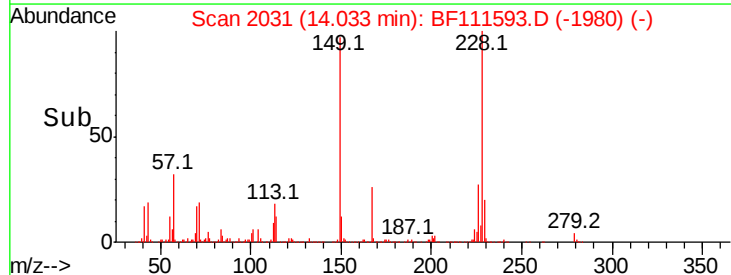
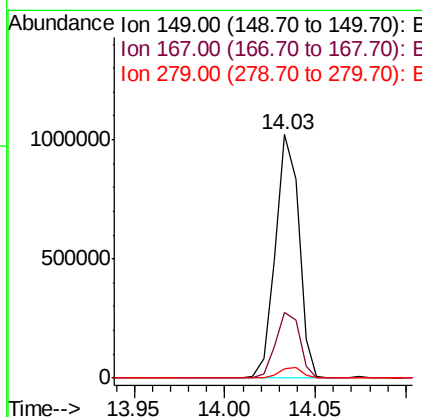
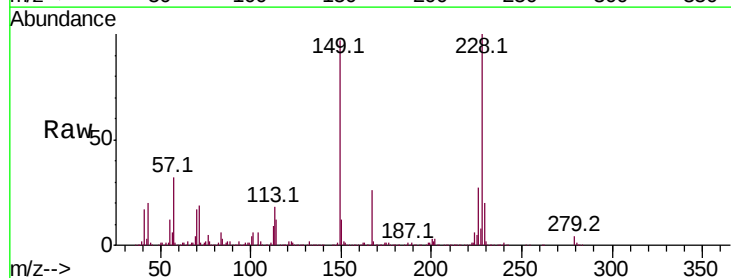
Manual Integrations
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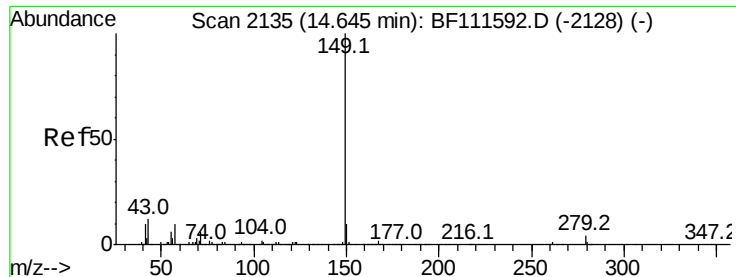
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.660 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111593.D
 Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	3.9	2.6	4.0





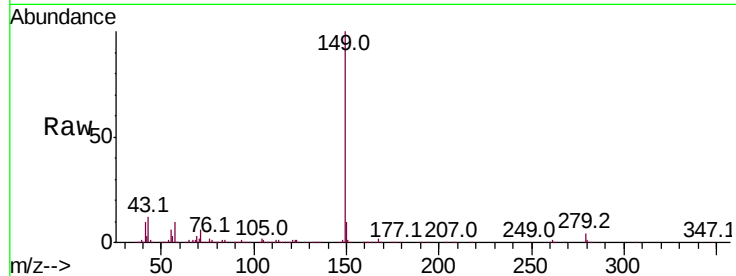
#85
Di-n-octyl phthalate
Concen: 36.670 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.1	10.9	16.3

Manual Integrations
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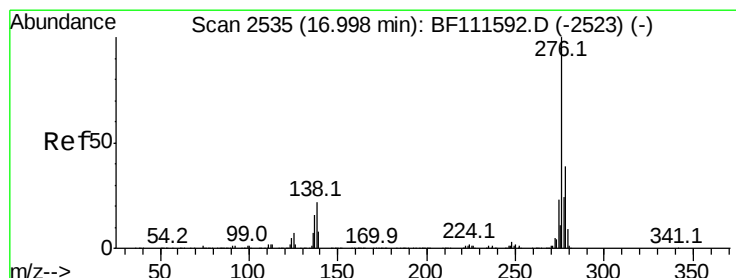
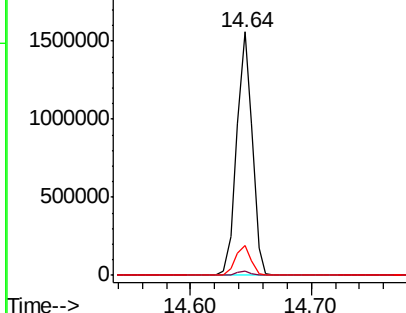
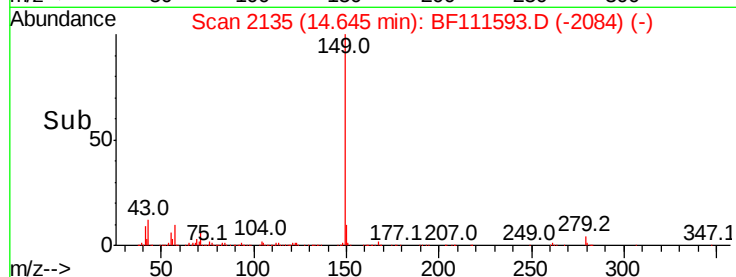


Abundance

Ion 149.00 (148.70 to 149.70): E

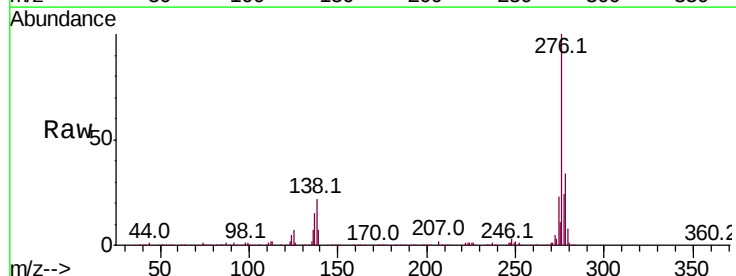
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.504 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.8	41.6#
277	25.1	20.1	30.1

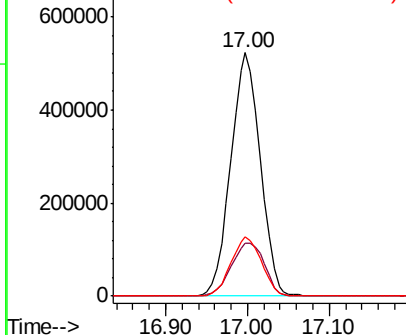
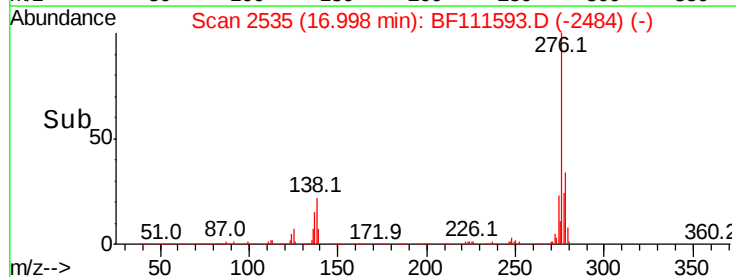


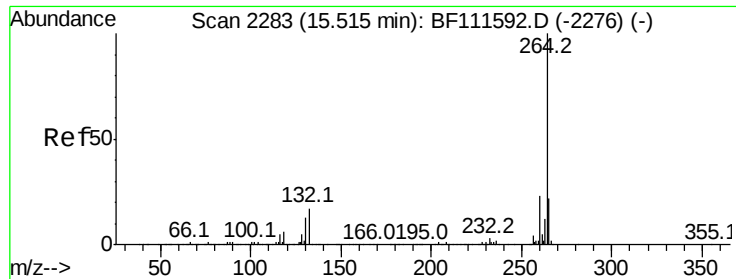
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Instrument :

BNA_F

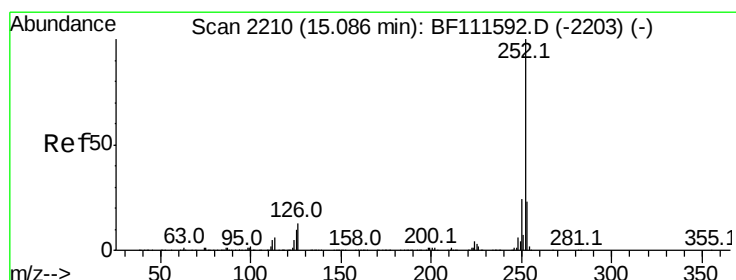
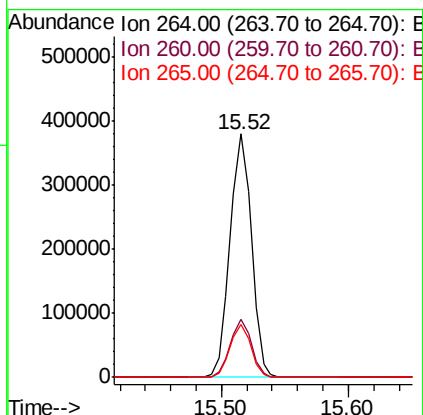
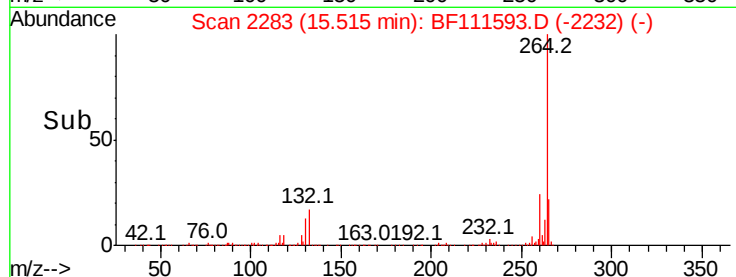
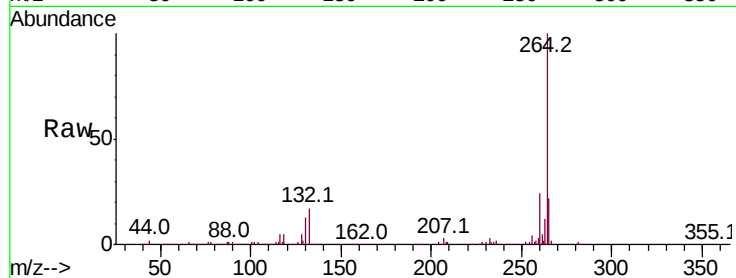
ClientSampleId :

SSTDICC050

Tot Ion:	264	Resp:	442873
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.3	27.5
265	21.9	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.592 ng

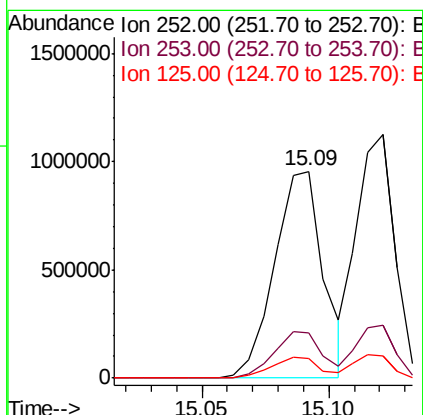
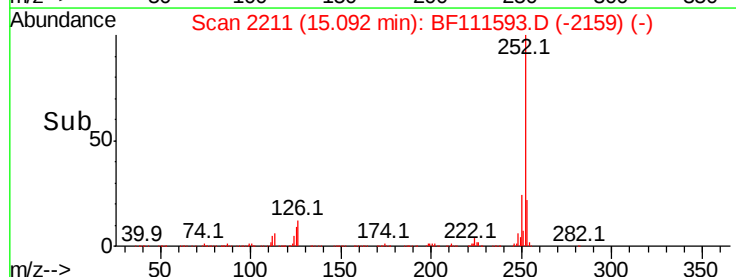
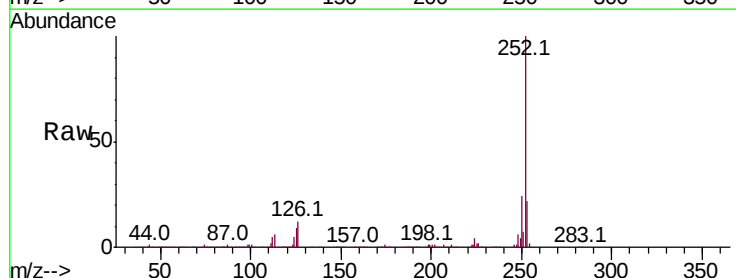
RT: 15.09 min Scan# 2211

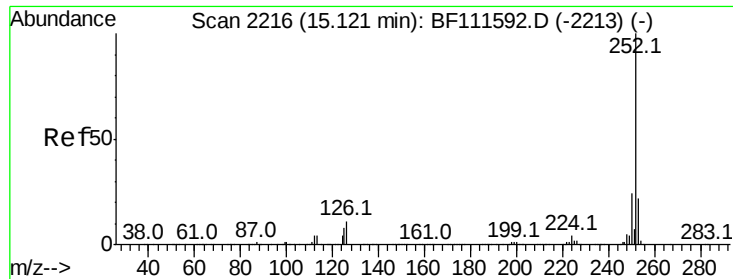
Delta R.T. 0.01 min

Lab File: BF111593.D

Acq: 19 Dec 2018 16:01

Tgt Ion:	252	Resp:	1280476
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	9.3	10.4	15.6#





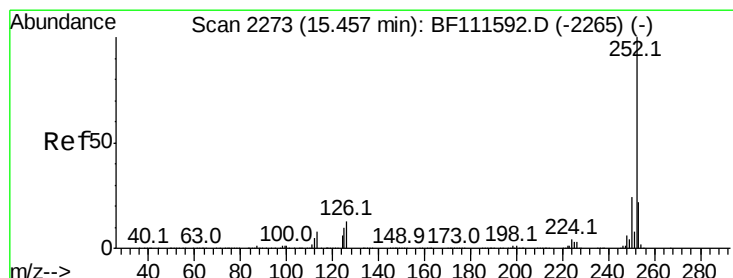
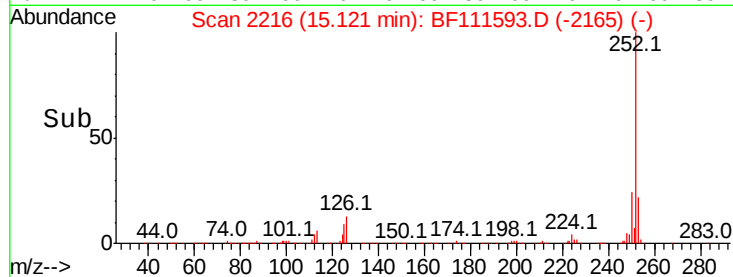
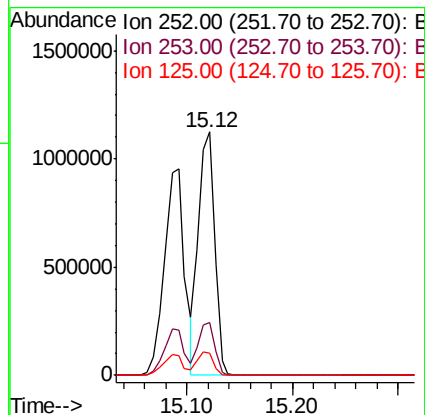
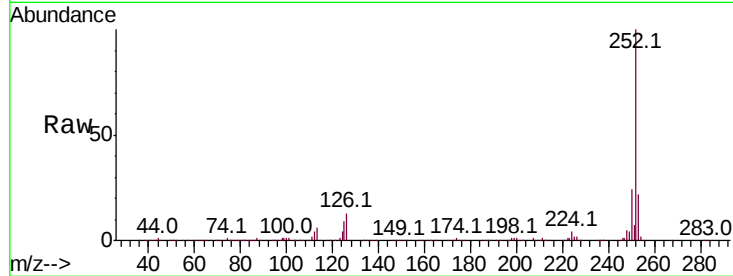
#89
Benzo(k)fluoranthene
Concen: 47.872 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.0	9.8	14.8#

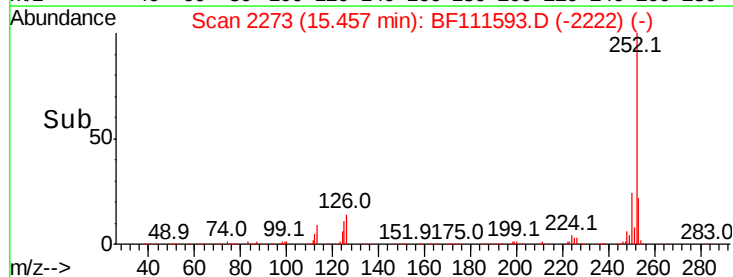
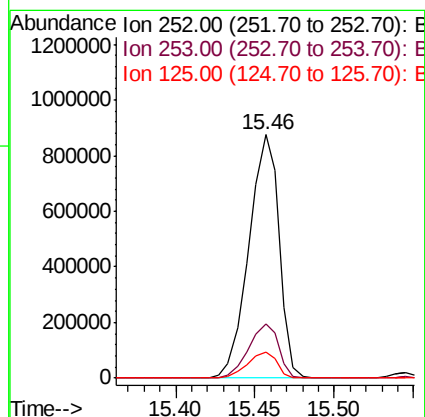
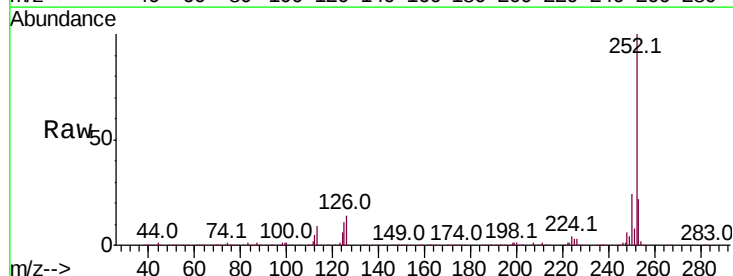
Manual Integrations
APPROVED

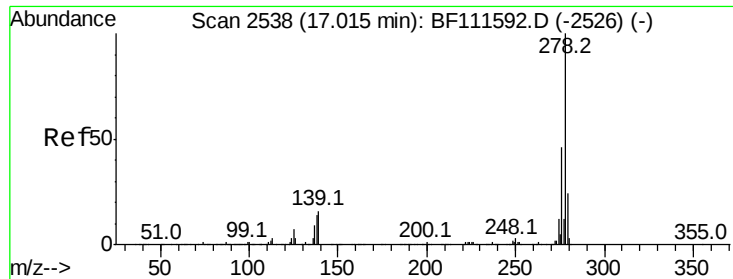
Sohil
12/20/2018 12:41:49 PM



#90
Benzo(a)pyrene
Concen: 49.778 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.9	12.3	18.5#





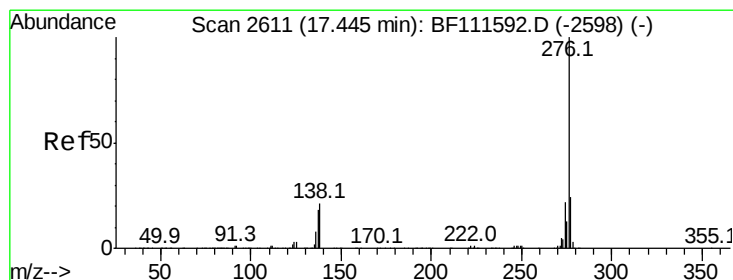
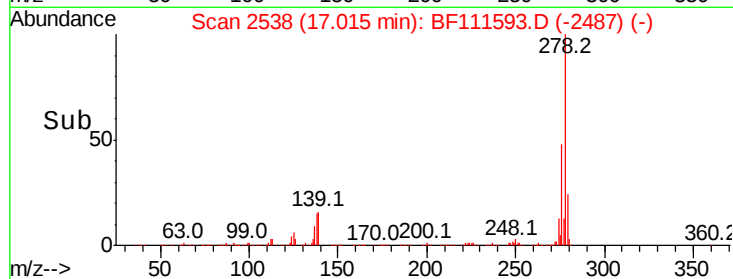
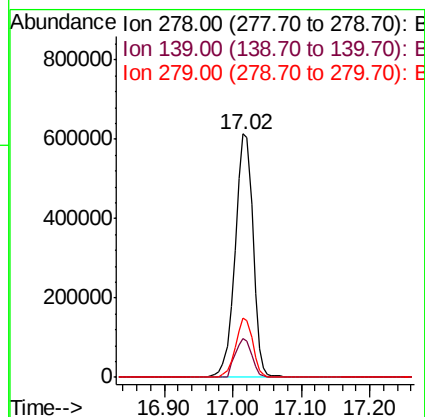
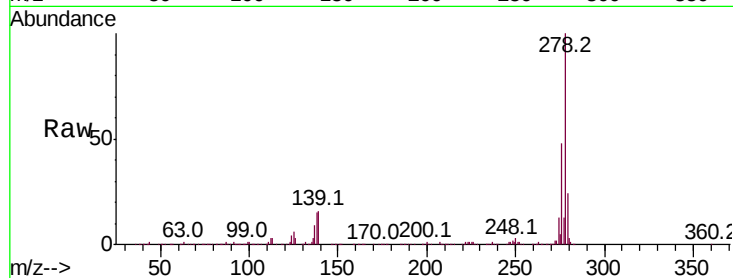
#91
Dibenzo(a,h)anthracene
Concen: 60.325 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	18.2	27.4#
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 12:41:49 PM



#92
Benzo(g,h,i)perylene
Concen: 60.620 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BF111593.D
Acq: 19 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.2	24.9	37.3#

