

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111598.D
 Acq On : 19 Dec 2018 18:54
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/20/2018 12:41:58 PM

Quant Time: Dec 20 10:30:21 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 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	224159	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	807394	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	396577	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	744507	20.00	ng	0.00
76) Chrysene-d12	14.04	240	534006	20.00	ng	0.00
87) Perylene-d12	15.52	264	442456	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1036262	78.80	ng	0.00
7) Phenol-d6	6.52	99	1303343	77.88	ng	0.00
23) Nitrobenzene-d5	7.46	82	1158747	83.54	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	386646	82.51	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2143140	78.77	ng	0.00
79) Terphenyl-d14	13.00	244	2318191	82.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	244338	39.490	ng	97
3) Pyridine	3.46	79	645129	40.021	ng	98
4) n-Nitrosodimethylamine	3.40	42	310779	39.394	ng	86
6) Aniline	6.56	93	833238	39.057	ng	99
8) 2-Chlorophenol	6.68	128	577469	39.640	ng	99
9) Benzaldehyde	6.45	77	453938	39.437	ng	98
10) Phenol	6.53	94	748727m	39.649	ng	
11) bis(2-Chloroethyl)ether	6.63	93	556003	39.292	ng	94
12) 1,3-Dichlorobenzene	6.84	146	665894	39.443	ng	98
13) 1,4-Dichlorobenzene	6.92	146	672201	39.260	ng	98
14) 1,2-Dichlorobenzene	7.07	146	630064	39.443	ng	97
15) Benzyl Alcohol	7.03	79	526701	39.626	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1011572	38.815	ng	99
17) 2-Methylphenol	7.14	107	459572	39.398	ng	96
18) Hexachloroethane	7.42	117	233631	40.493	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	428155	38.521	ng	96
20) 3+4-Methylphenols	7.29	107	584157	39.633	ng	# 77
22) Acetophenone	7.30	105	801516	39.185	ng	# 88
24) Nitrobenzene	7.47	77	603661	41.523	ng	98
25) Isophorone	7.72	82	963399	39.123	ng	98
26) 2-Nitrophenol	7.79	139	258266	43.803	ng	97
27) 2,4-Dimethylphenol	7.82	122	470730	40.500	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	644370	39.323	ng	98
29) 2,4-Dichlorophenol	8.03	162	499490	39.954	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	554384	39.795	ng	97
31) Naphthalene	8.20	128	1546257	39.858	ng	97
32) Benzoic acid	7.93	122	309976m	40.336	ng	
33) 4-Chloroaniline	8.25	127	655544	39.096	ng	98
34) Hexachlorobutadiene	8.33	225	345302	40.669	ng	98
35) Caprolactam	8.62	113	161230m	38.060	ng	
36) 4-Chloro-3-methylphenol	8.72	107	487464	39.667	ng	97
37) 2-Methylnaphthalene	8.89	142	993926	39.380	ng	99
38) 1-Methylnaphthalene	8.99	142	954645	39.382	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	530143	40.682	ng	# 97

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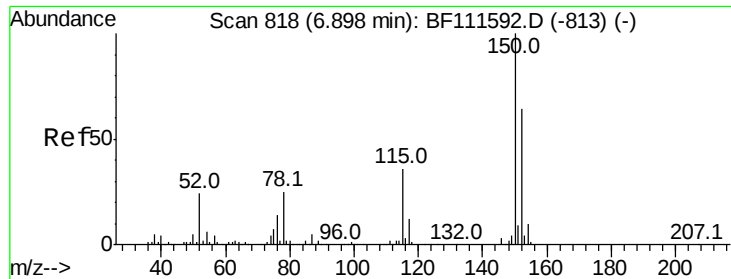
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	255076	40.336	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	355437	40.852	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	365220	40.917	nq	# 90
46) 1,1'-Biphenyl	9.36	154	1345211	40.183	nq	96
47) 2-Chloronaphthalene	9.38	162	1063144	40.083	nq	94
48) 2-Nitroaniline	9.47	65	300778	43.590	nq	92
49) Acenaphthylene	9.79	152	1553667	40.119	nq	96
50) Dimethylphthalate	9.65	163	1146956	39.549	nq	99
51) 2,6-Dinitrotoluene	9.71	165	250807	43.372	nq	96
52) Acenaphthene	9.97	154	955506	40.005	nq	98
53) 3-Nitroaniline	9.87	138	274514	44.512	nq	99
54) 2,4-Dinitrophenol	9.97	184	67276	40.248	nq	# 1
55) Dibenzofuran	10.14	168	1441221	39.940	nq	95
56) 4-Nitrophenol	10.02	139	207335	44.053	nq	90
57) 2,4-Dinitrotoluene	10.11	165	304990	43.883	nq	# 100
58) Fluorene	10.48	166	1015810	39.066	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307930	40.994	nq	89
60) Diethylphthalate	10.35	149	1133833	39.857	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	564018	39.261	nq	97
62) 4-Nitroaniline	10.49	138	252773	42.171	nq	91
63) Azobenzene	10.63	77	1141413	39.966	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	124099	41.401	nq	88
66) n-Nitrosodiphenylamine	10.59	169	1001420	40.070	nq	97
67) 4-Bromophenyl-phenylether	10.96	248	366731	39.714	nq	# 89
68) Hexachlorobenzene	11.03	284	411975	40.013	nq	98
69) Atrazine	11.11	200	338949	39.040	nq	96
70) Pentachlorophenol	11.22	266	261675	41.111	nq	95
71) Phenanthrene	11.44	178	1565002	39.636	nq	96
72) Anthracene	11.49	178	1567921	39.562	nq	96
73) Carbazole	11.64	167	1516661	39.417	nq	96
74) Di-n-butylphthalate	11.97	149	1698753	39.377	nq	97
75) Fluoranthene	12.62	202	1569975	39.266	nq	98
77) Benzidine	12.74	184	825262	41.069	nq	97
78) Pyrene	12.85	202	1587894	42.108	nq	97
80) Butylbenzylphthalate	13.47	149	645893	42.018	nq	93
81) Benzo(a)anthracene	14.03	228	1230258	40.369	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	487169	40.459	nq	# 95
83) Chrysene	14.07	228	1191243	39.771	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	780315	40.301	nq	# 99
85) Di-n-octyl phthalate	14.64	149	1158962	38.633	nq	96
86) Indeno(1,2,3-cd)pyrene	17.00	276	1046035	41.081	nq	# 90
88) Benzo(b)fluoranthene	15.09	252	1046510	40.470	nq	# 97
89) Benzo(k)fluoranthene	15.12	252	967775m	39.311	nq	
90) Benzo(a)pyrene	15.46	252	945698	40.255	nq	# 95
91) Dibenzo(a,h)anthracene	17.02	278	885644	43.050	nq	# 92
92) Benzo(g,h,i)perylene	17.44	276	869194	43.269	nq	# 89

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



#1

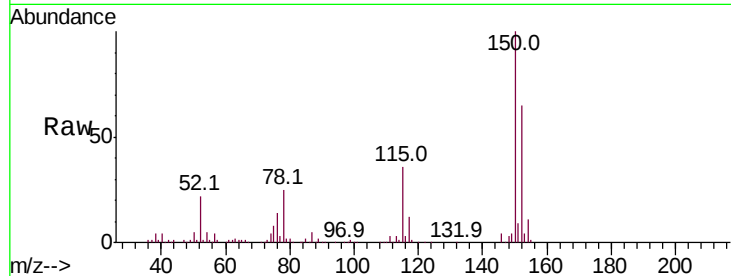
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	55.5	50.7	76.1

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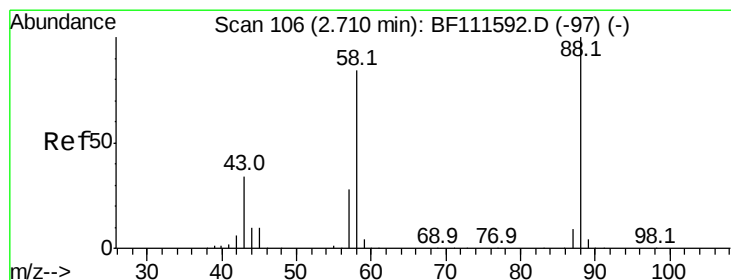
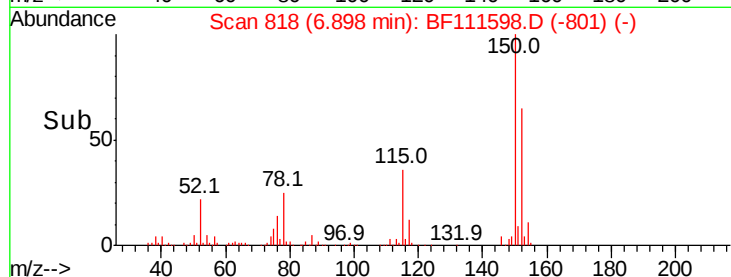
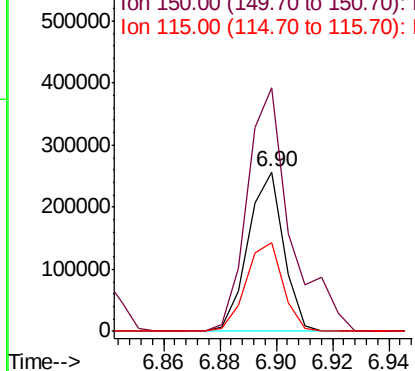


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

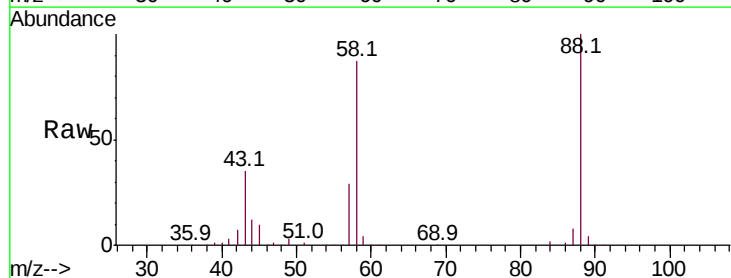
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.490 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.9	103.3
43	35.2	25.8	38.6

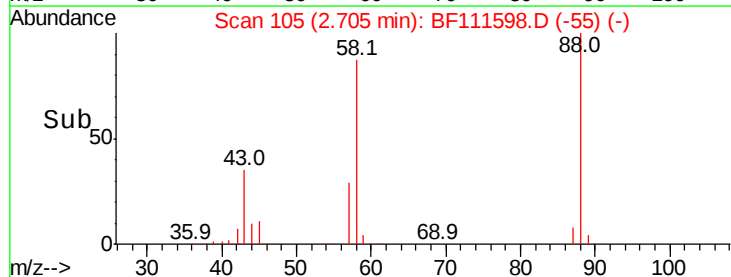
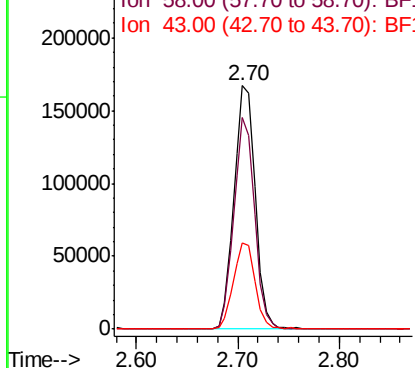


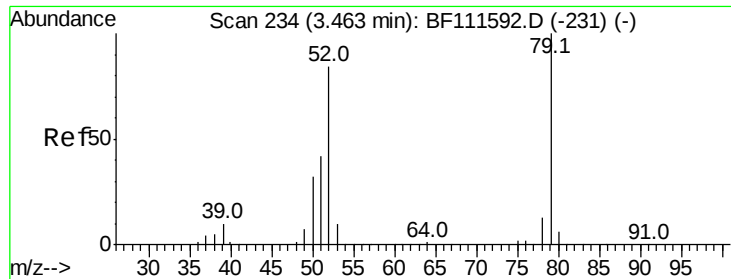
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.021 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 645129

Ion Ratio Lower Upper

79 100

52 84.2 68.3 102.5

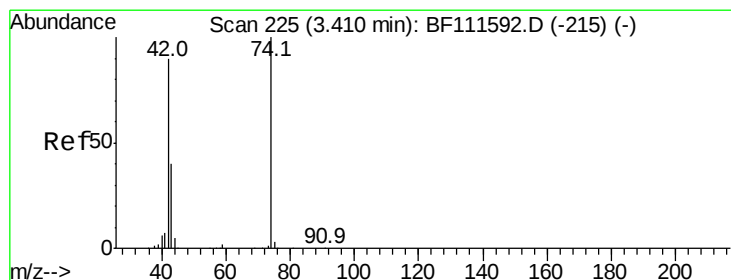
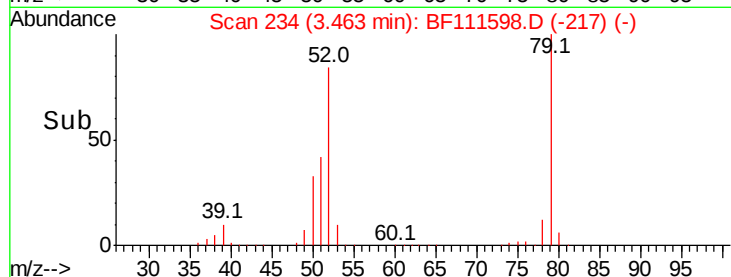
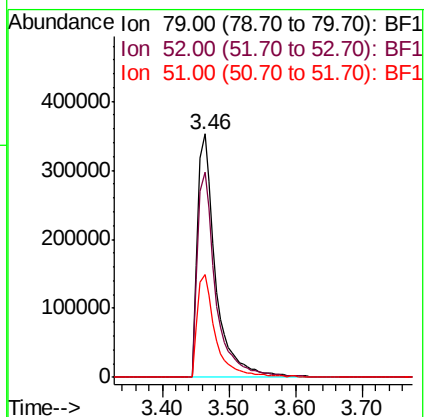
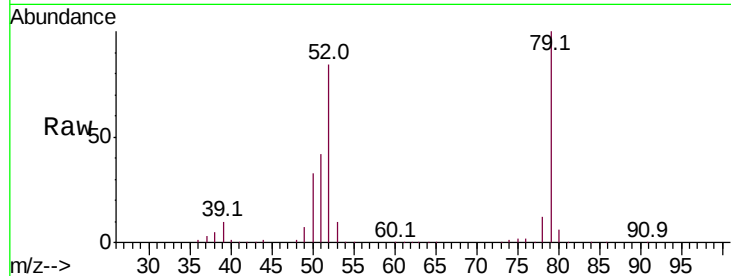
51 42.2 32.6 49.0

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#4

n-Nitrosodimethylamine

Concen: 39.394 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

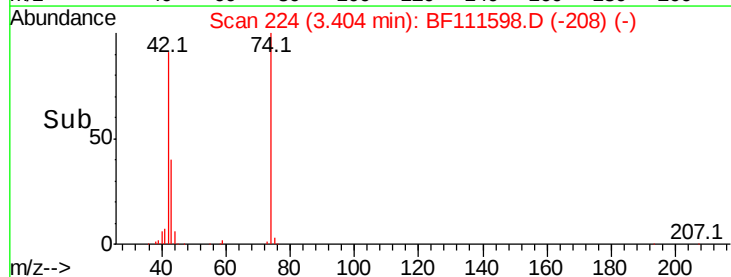
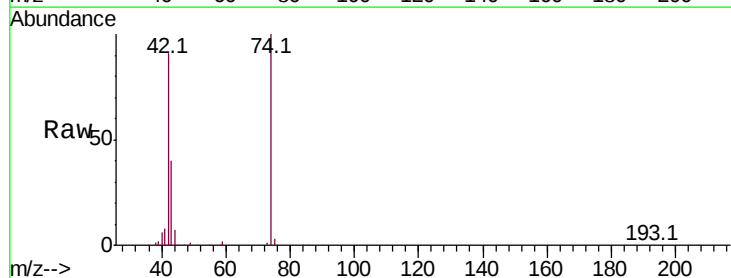
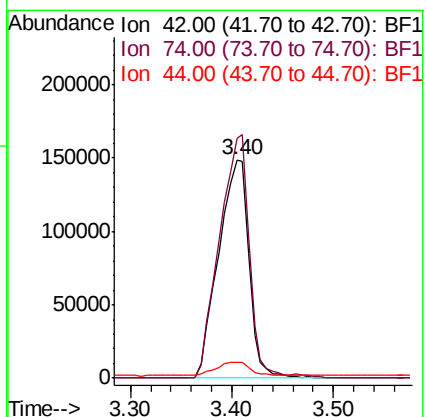
Tgt Ion: 42 Resp: 310779

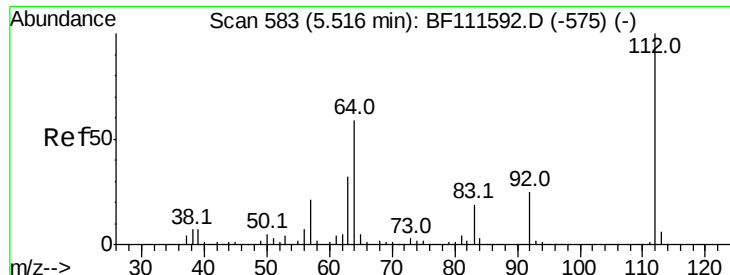
Ion Ratio Lower Upper

42 100

74 109.6 101.5 152.3

44 7.4 6.0 9.0





#5

2-Fluorophenol

Concen: 78.799 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1036262

Ion Ratio Lower Upper

112 100

64 64.8 51.8 77.6

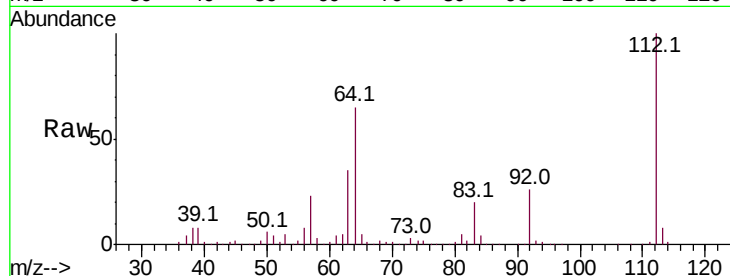
63 34.7 26.8 40.2

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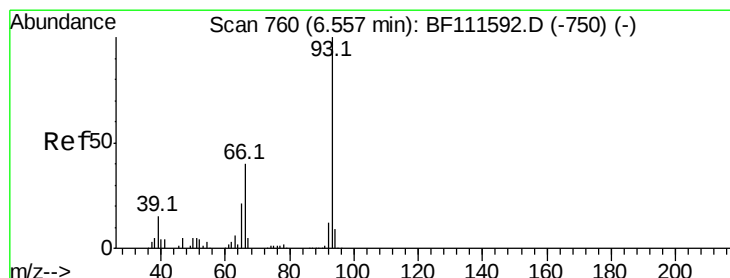
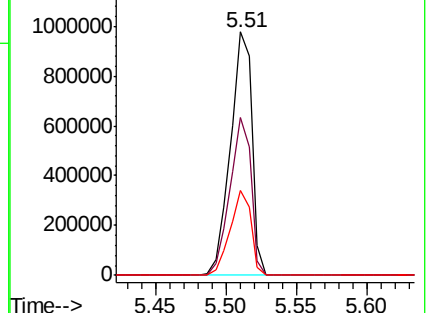
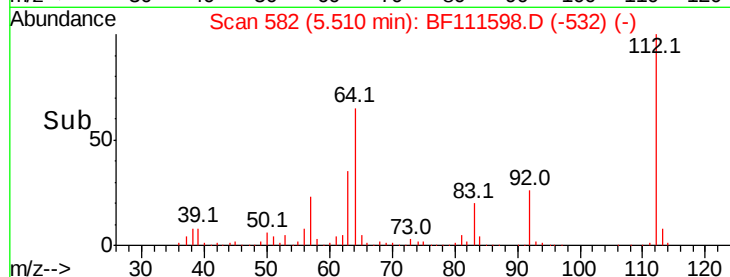
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.057 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

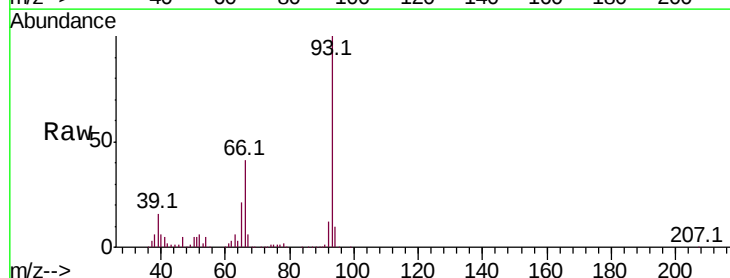
Tgt Ion: 93 Resp: 833238

Ion Ratio Lower Upper

93 100

66 40.9 33.2 49.8

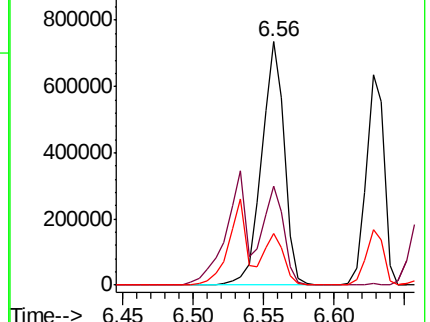
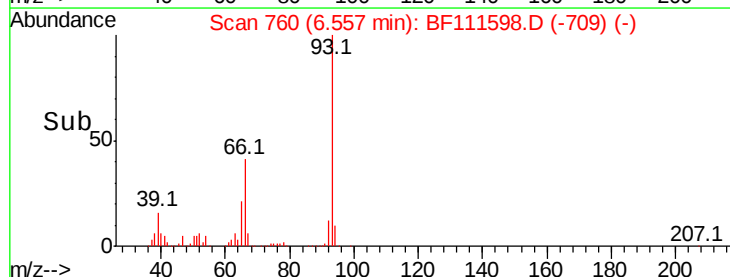
65 21.0 17.0 25.4

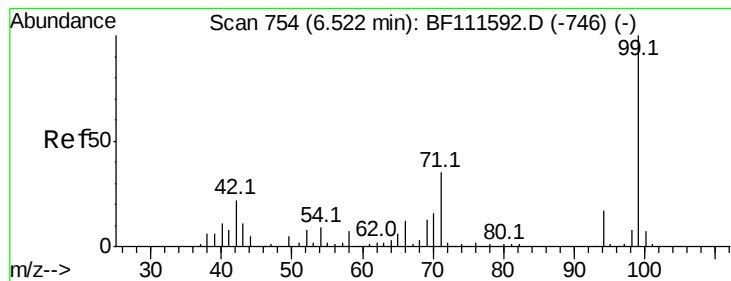


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.875 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1303343

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.0

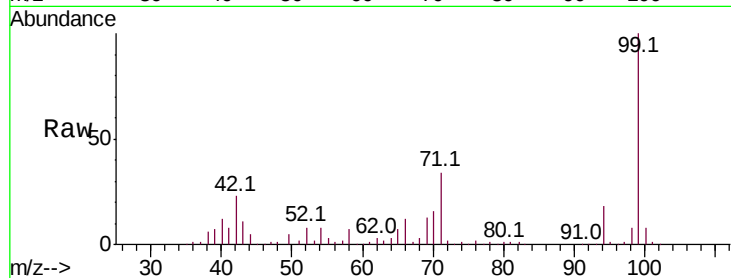
71 34.5 26.1 39.1

Manual Integrations

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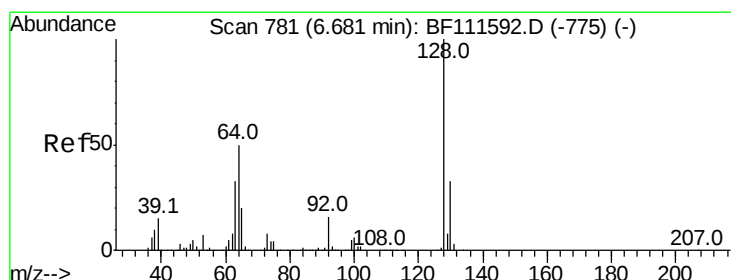
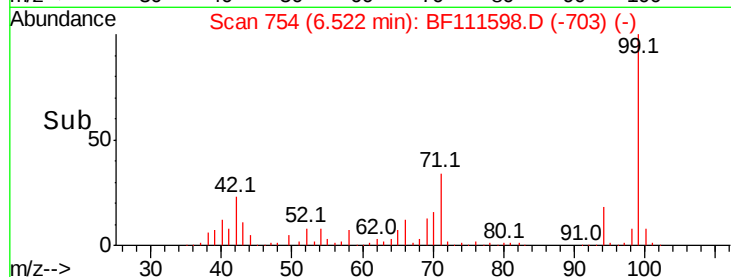
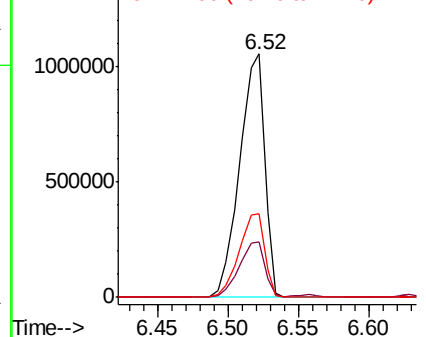
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.640 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

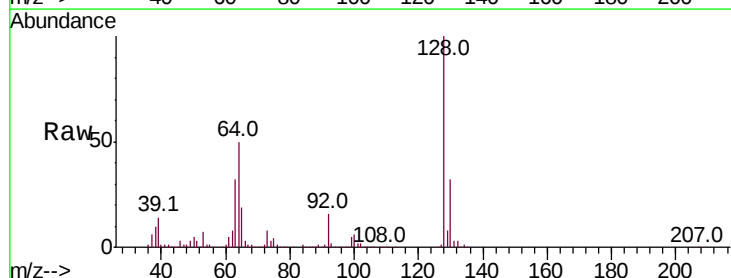
Tgt Ion:128 Resp: 577469

Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

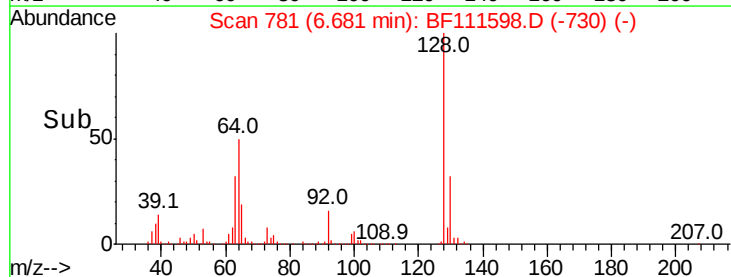
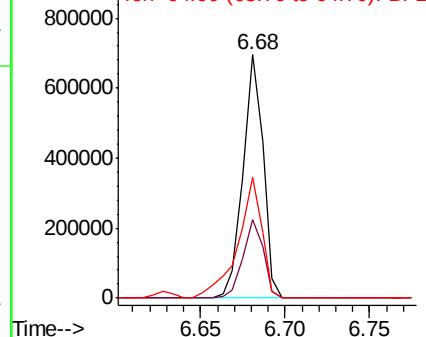
64 49.6 30.0 70.0

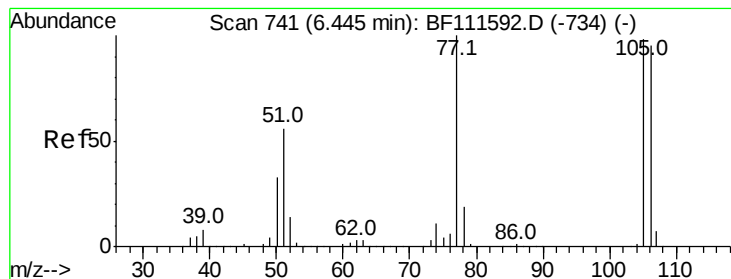


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.437 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 453938

Ion Ratio Lower Upper

77 100

105 100.2 81.4 121.4

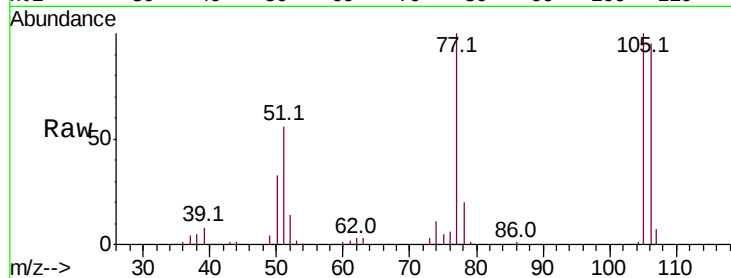
106 95.5 77.9 117.9

Manual Integrations

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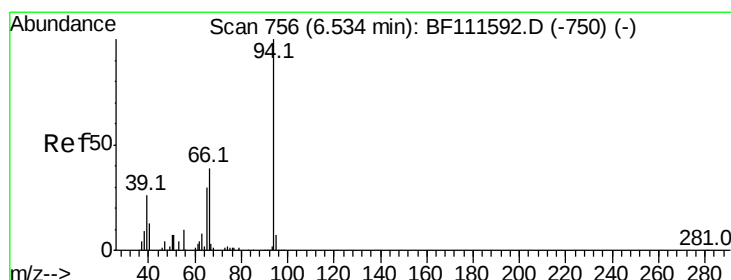
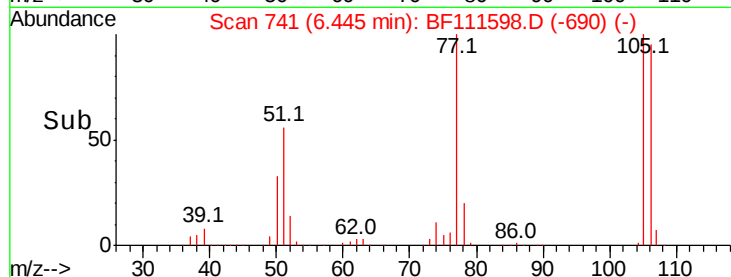
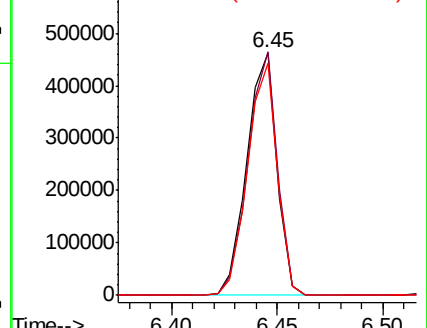
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.649 ng m

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

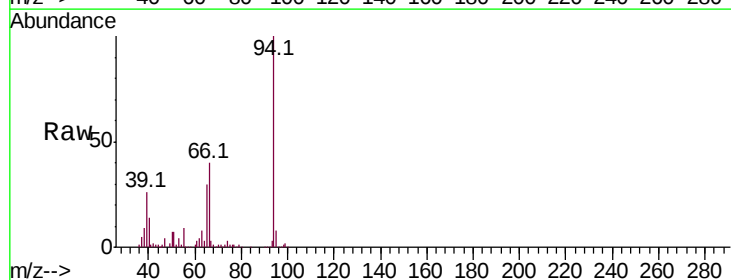
Tgt Ion: 94 Resp: 748727

Ion Ratio Lower Upper

94 100

65 30.0 11.7 51.7

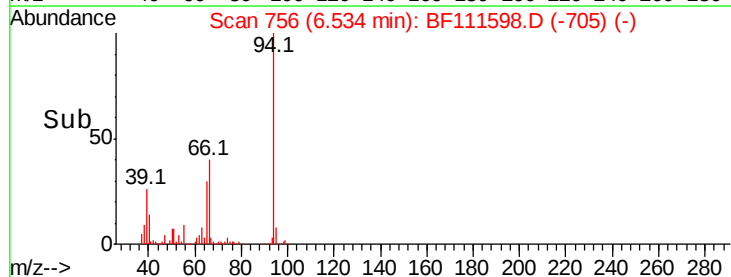
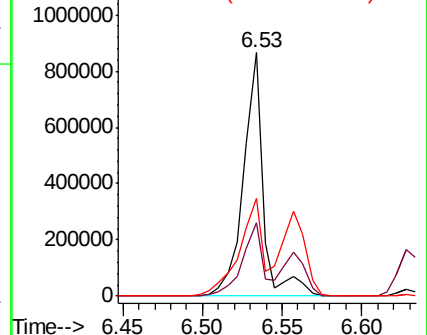
66 39.9 21.0 61.0

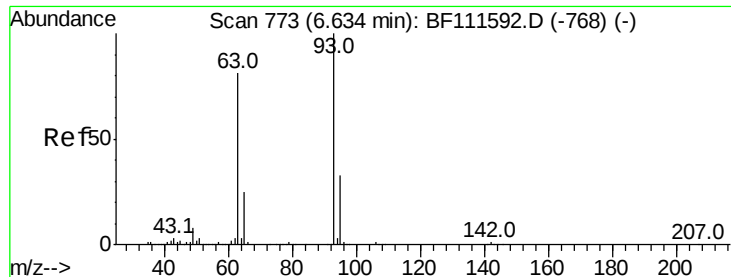


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.292 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

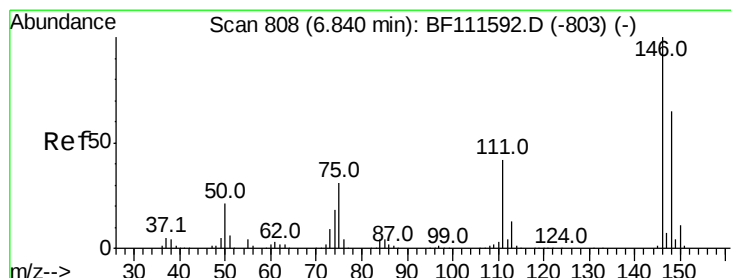
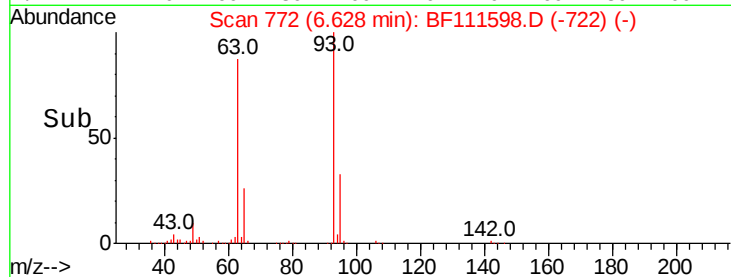
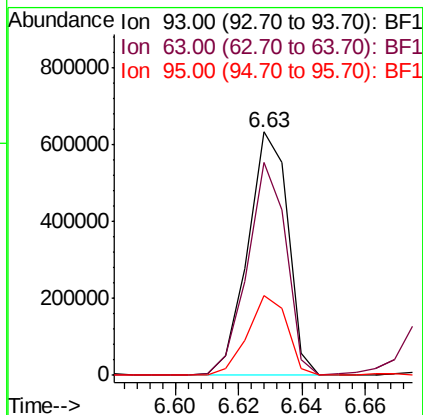
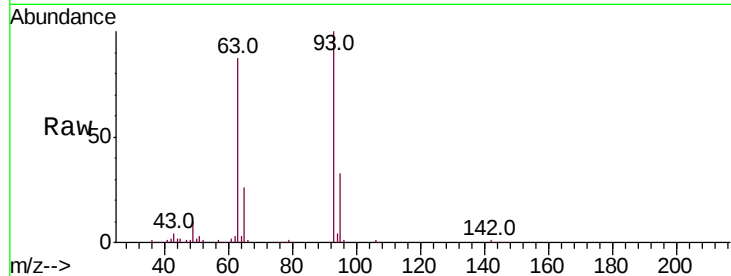
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	556003
Ion Ratio	Lower	Upper	
93	100		
63	87.4	60.0	100.0
95	32.9	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 39.443 ng

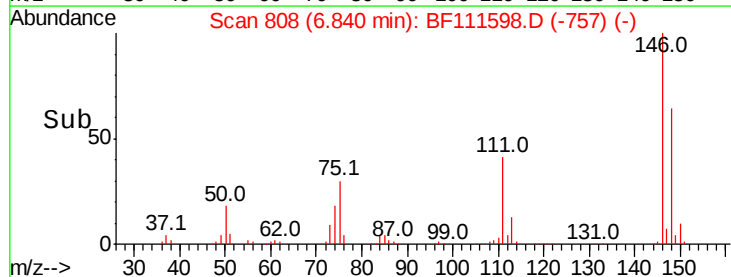
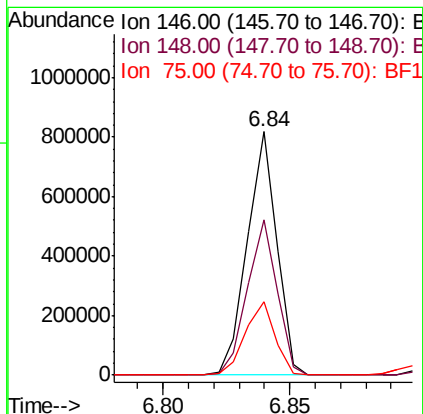
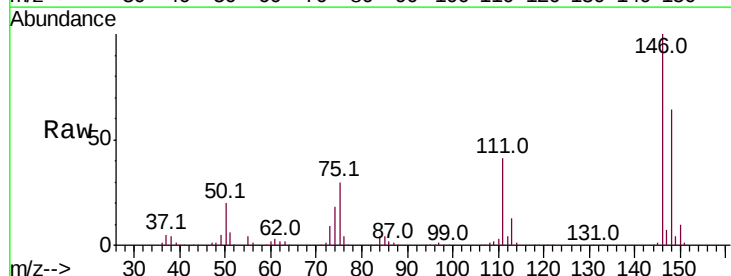
RT: 6.84 min Scan# 808

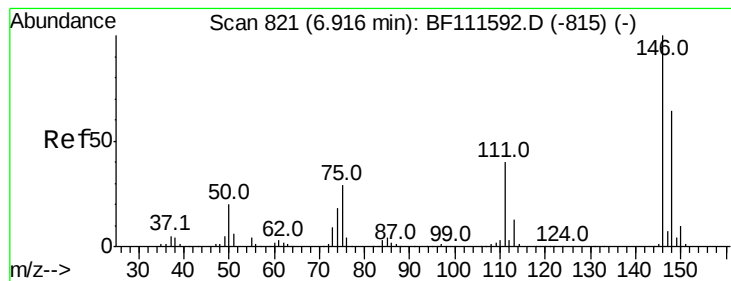
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:	146	Resp:	665894
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.1	78.1
75	30.3	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.260 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

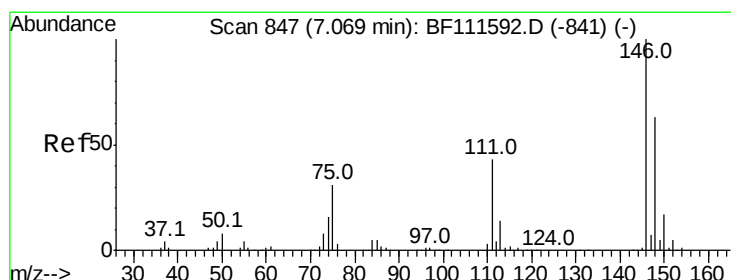
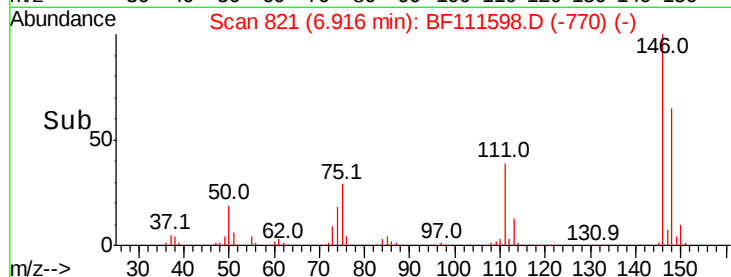
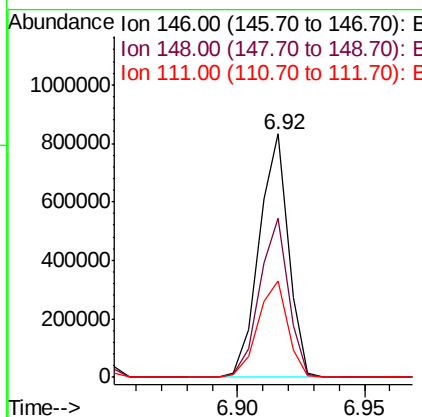
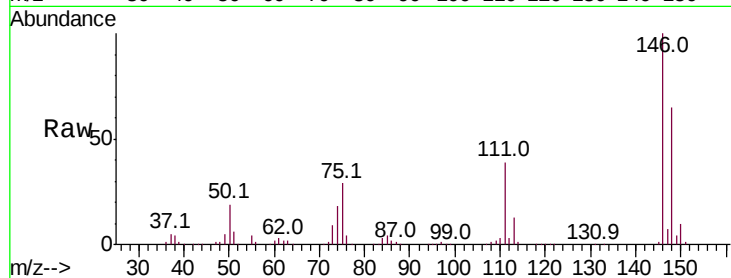
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
111	39.5	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 39.443 ng

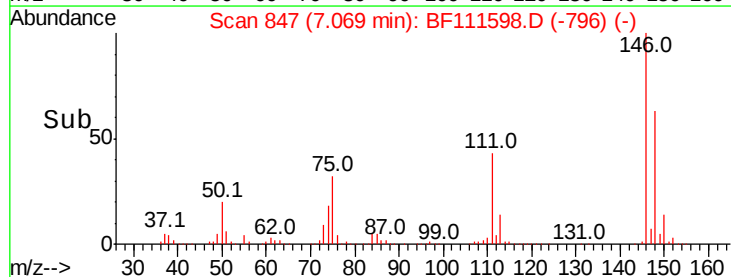
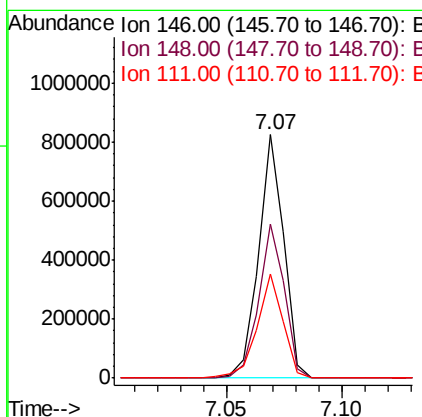
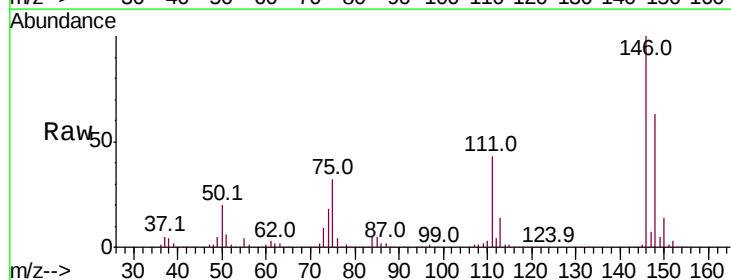
RT: 7.07 min Scan# 847

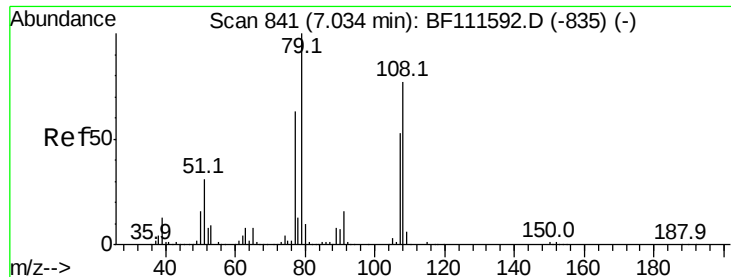
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.9	77.9
111	42.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.626 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

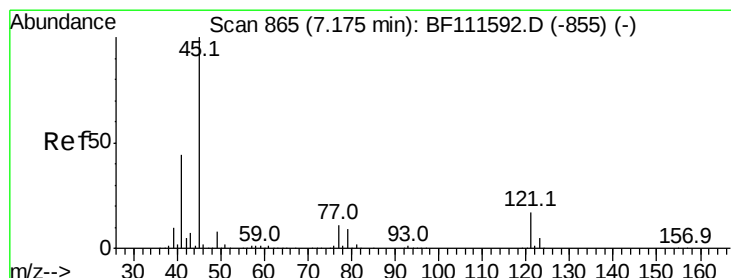
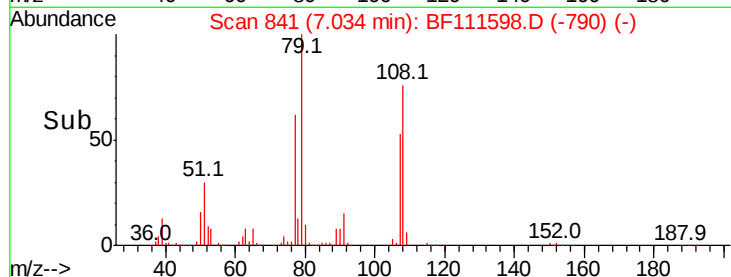
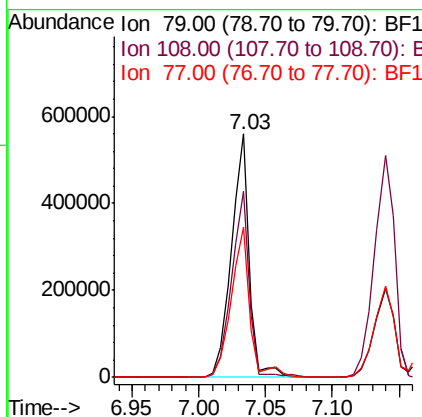
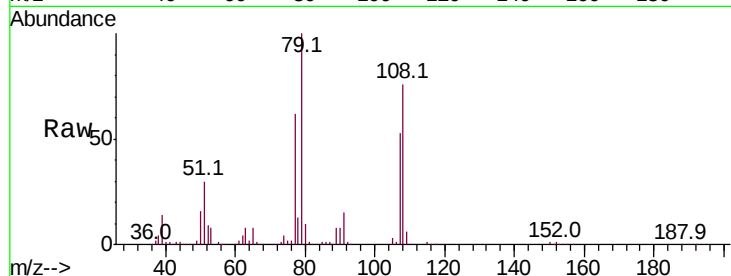
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	69.4	104.2
77	61.9	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.815 ng

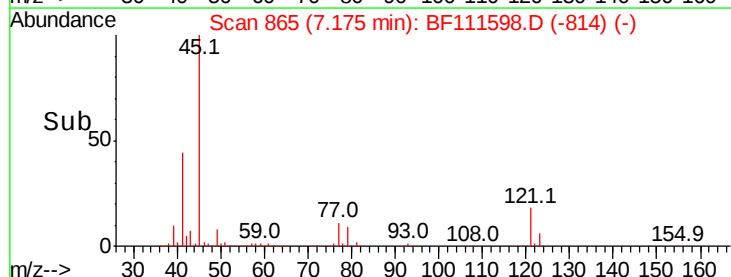
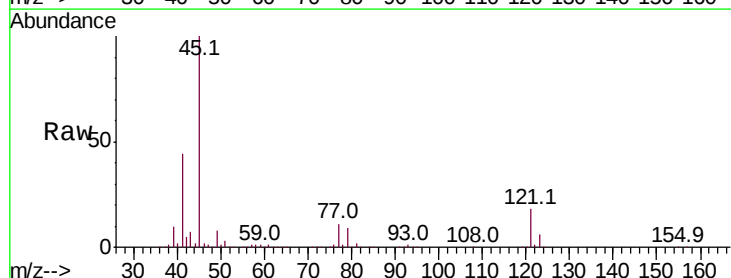
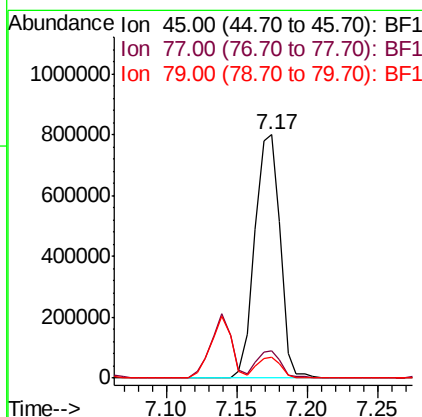
RT: 7.17 min Scan# 865

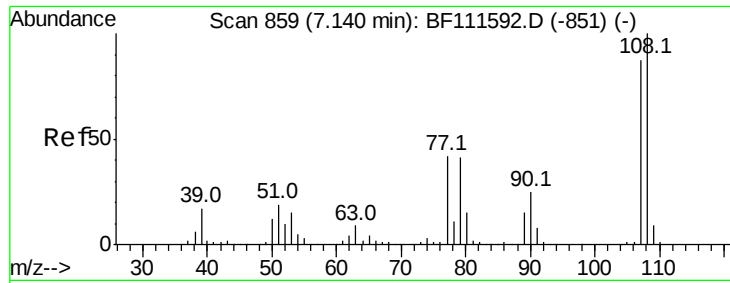
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.5
79	8.6	0.0	28.9





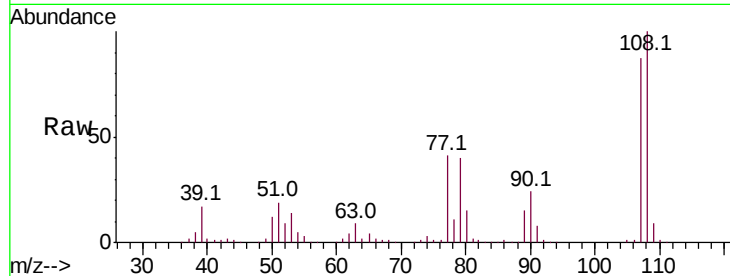
#17
2-Methylphenol
Concen: 39.398 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

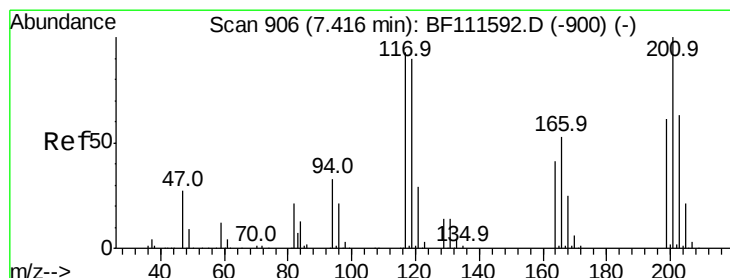
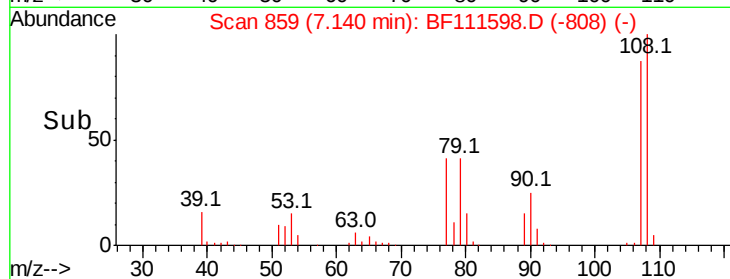
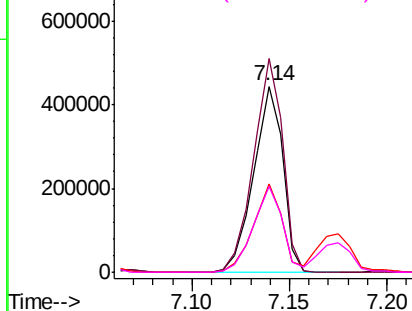
Tot Ion	Ratio	Resp	Lower	Upper
107	100	459572		
108	114.8	91.0	136.4	
77	47.4	33.5	50.3	
79	46.0	33.3	49.9	

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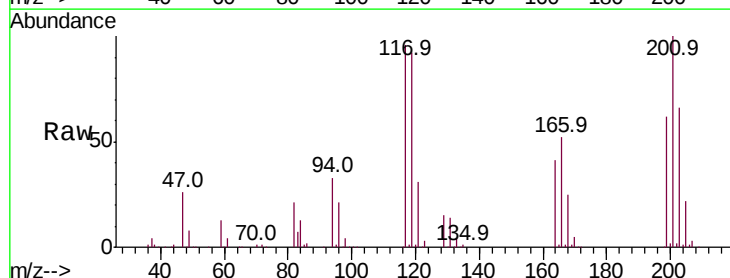


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

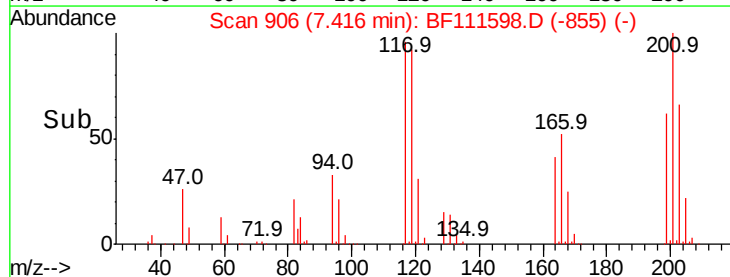
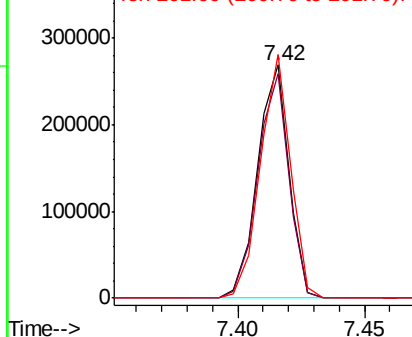


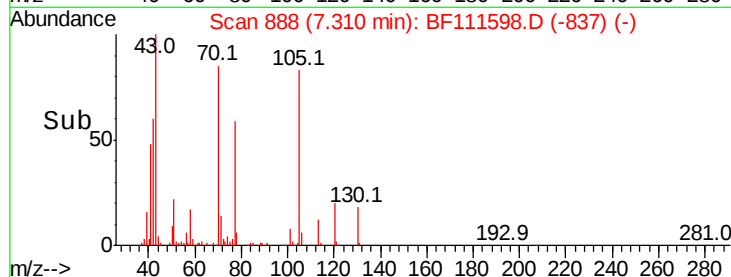
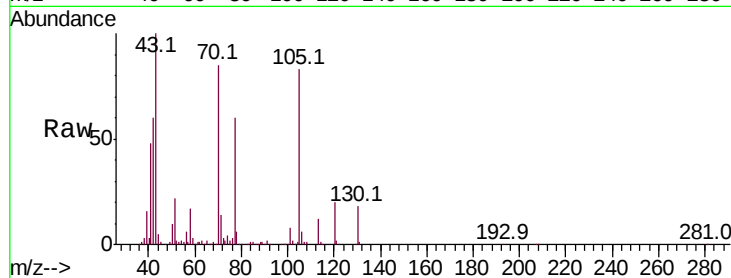
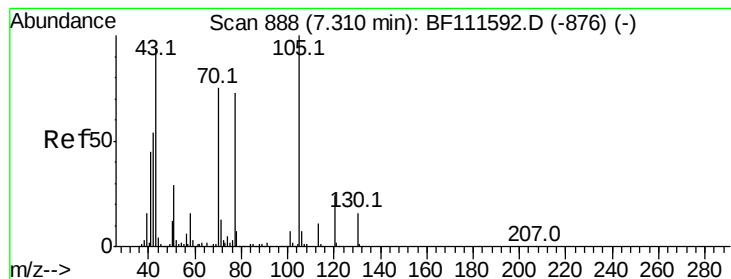
#18
Hexachloroethane
Concen: 40.493 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	233631		
119	96.2	75.4	113.0	
201	104.4	62.4	93.6#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.521 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 428155

Ion Ratio Lower Upper

70 100

42 70.0 53.2 79.8

101 9.8 8.2 12.4

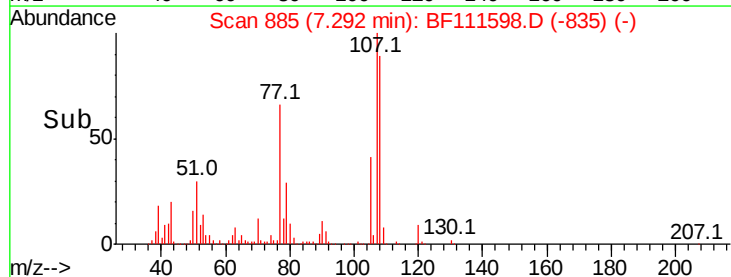
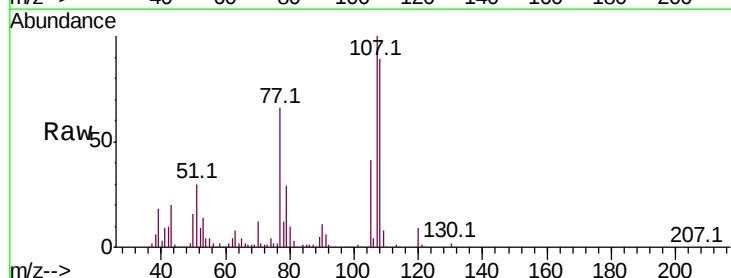
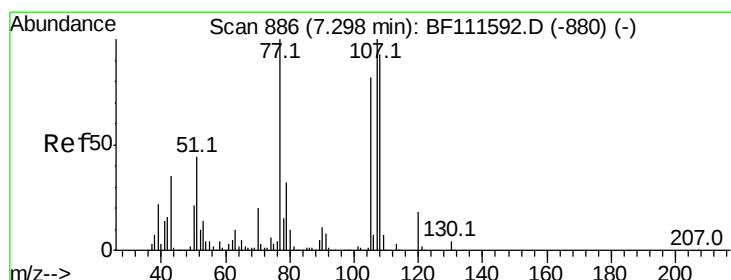
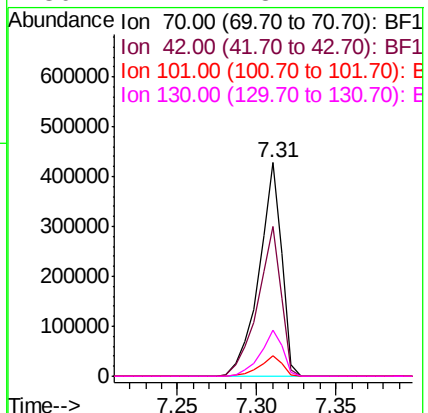
130 21.4 18.1 27.1

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#20

3+4-Methylphenols

Concen: 39.633 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion: 107 Resp: 584157

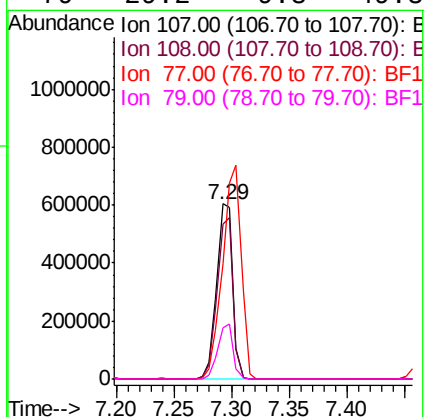
Ion Ratio Lower Upper

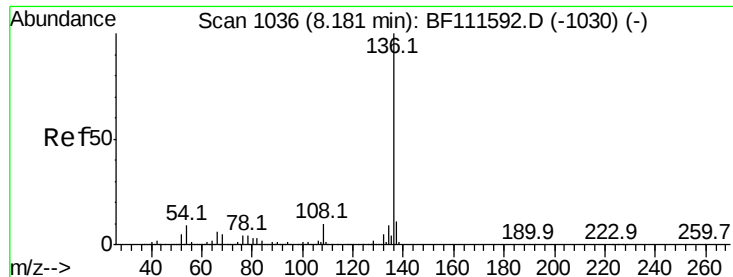
107 100

108 88.9 72.1 112.1

77 66.0 94.1 134.1#

79 29.2 9.8 49.8





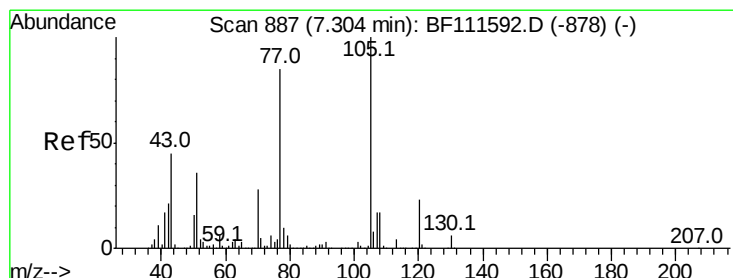
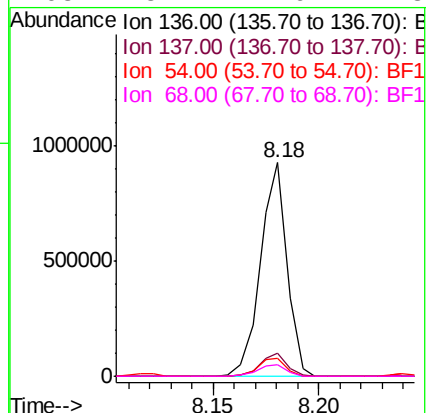
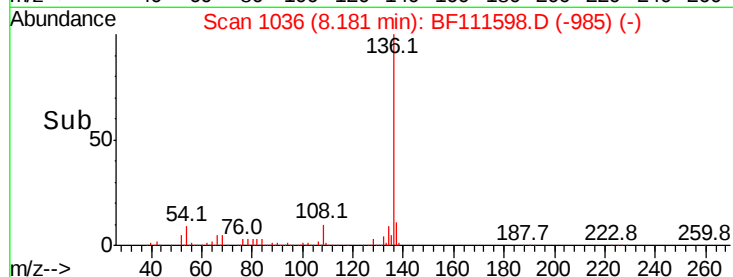
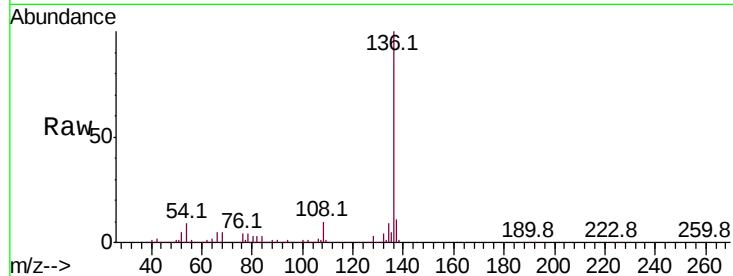
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	8.7	7.7	11.5	
68	5.4	4.9	7.3	

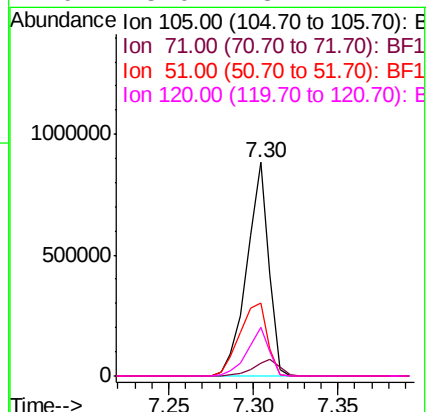
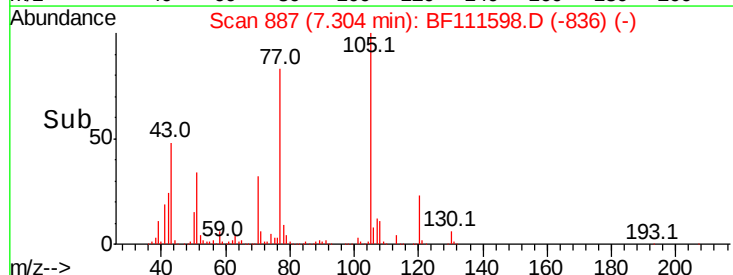
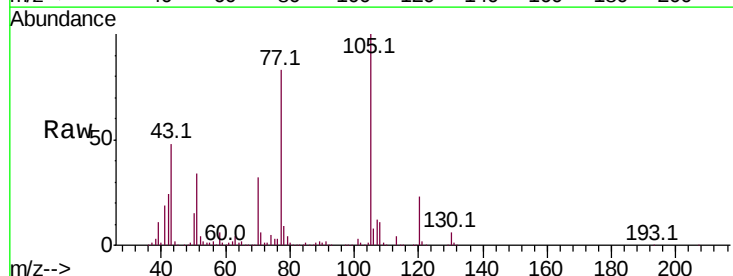
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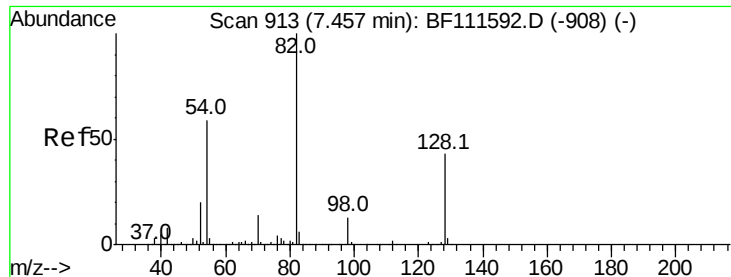
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#22
Acetophenone
Concen: 39.185 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	3.1	4.7#	
51	33.9	36.6	54.8#	
120	23.0	18.2	27.4	





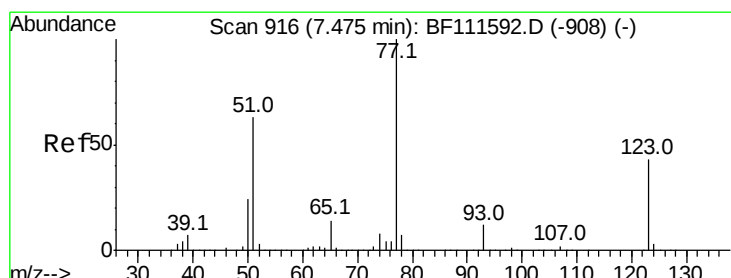
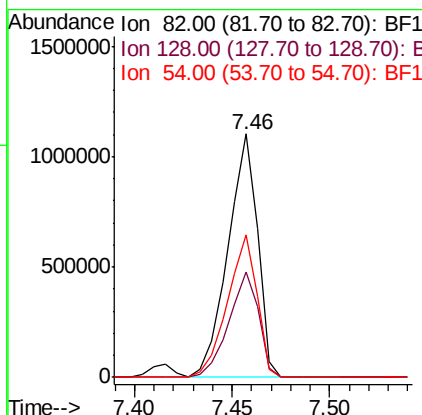
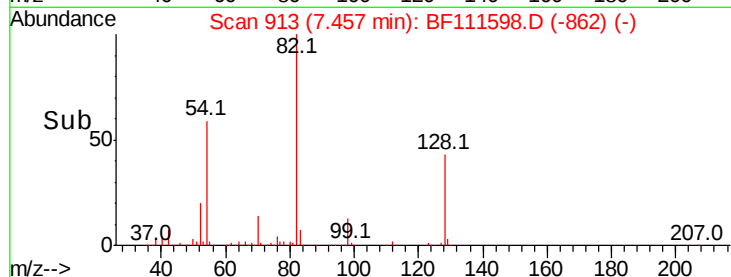
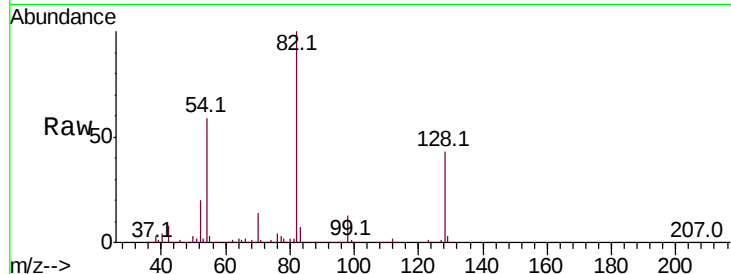
#23
Nitrobenzene-d5
Concen: 83.538 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.4	56.2
54	58.5	47.6	71.4

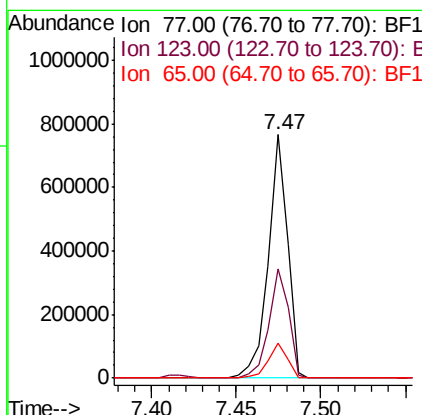
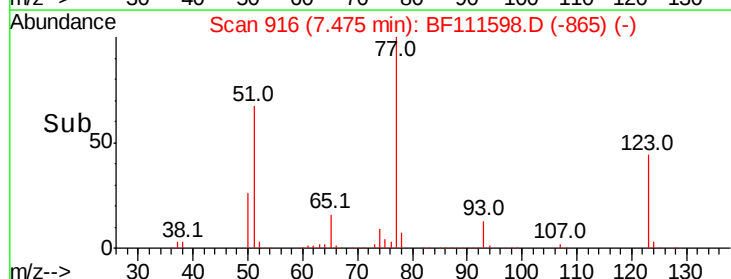
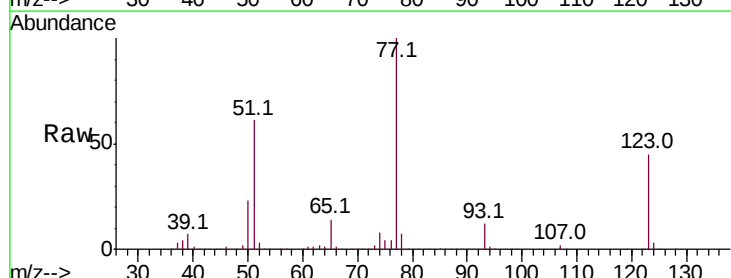
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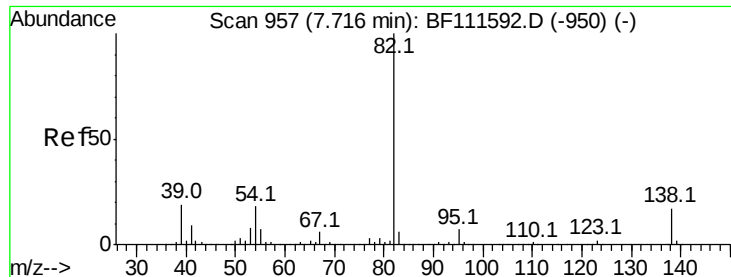
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#24
Nitrobenzene
Concen: 41.523 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	37.2	55.8
65	14.1	11.5	17.3





#25

Isophorone

Concen: 39.123 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

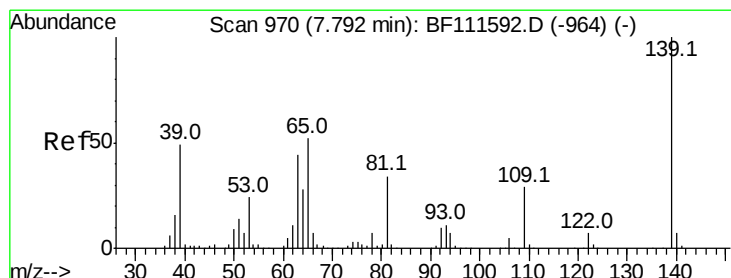
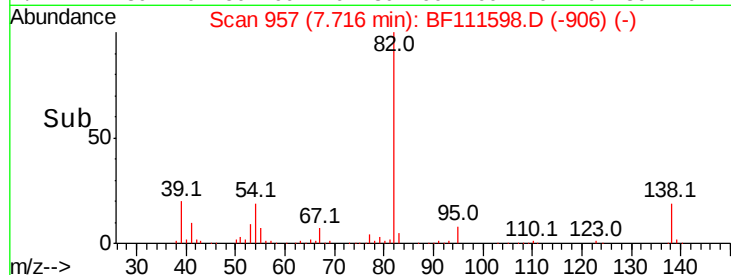
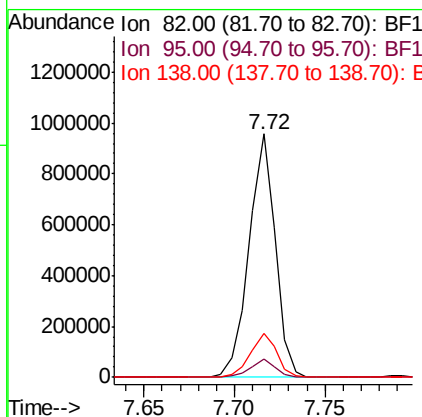
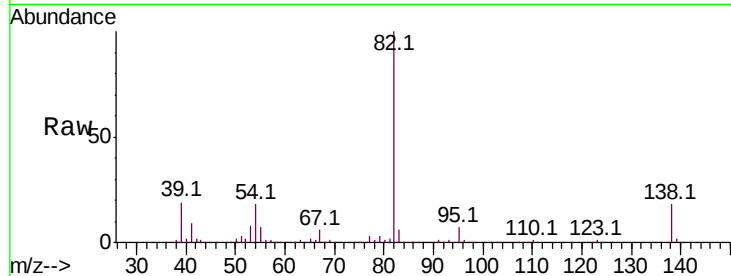
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	963399
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	18.1	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.803 ng

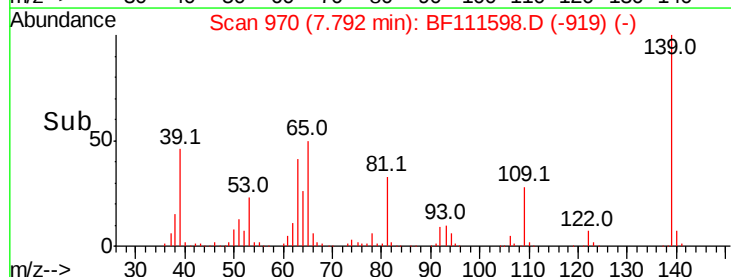
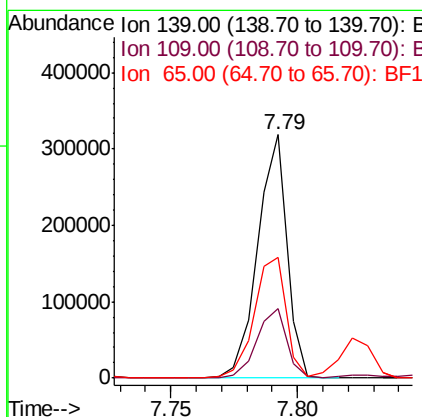
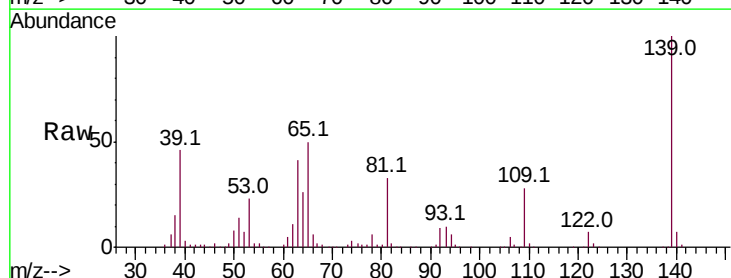
RT: 7.79 min Scan# 970

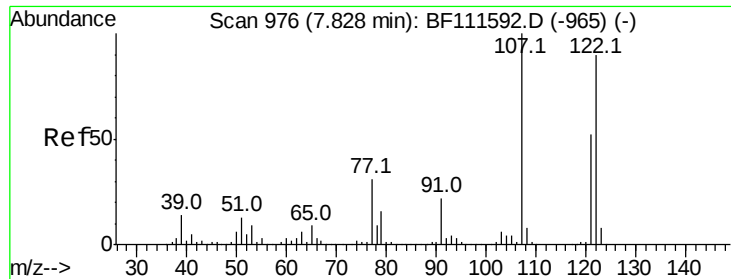
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:	139	Resp:	258266
Ion Ratio	Lower	Upper	
139	100		
109	28.3	20.2	30.4
65	49.8	40.7	61.1





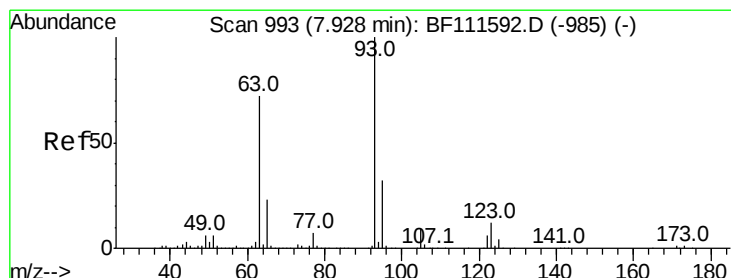
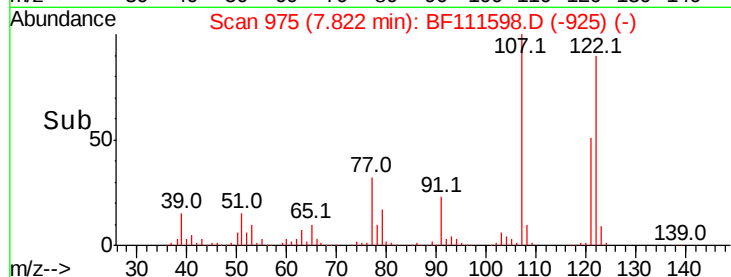
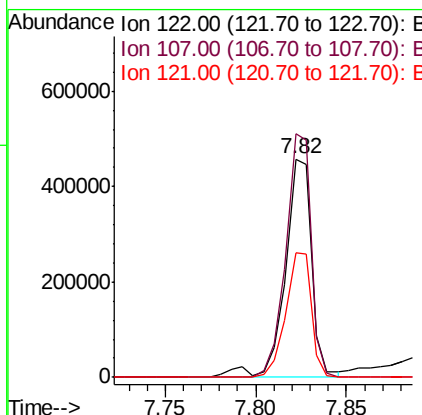
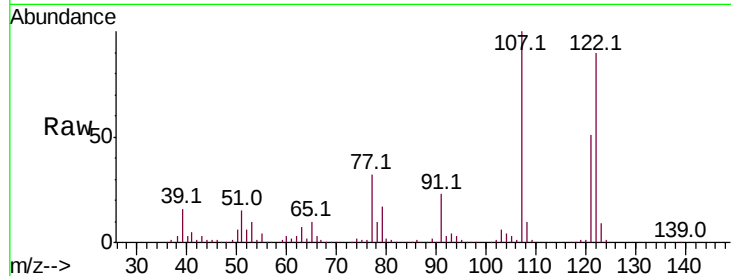
#27
2,4-Dimethylphenol
Concen: 40.500 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	470730		
107	111.5	85.5	128.3	
121	57.0	46.6	70.0	

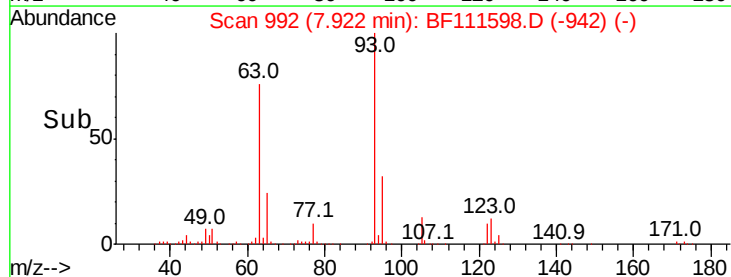
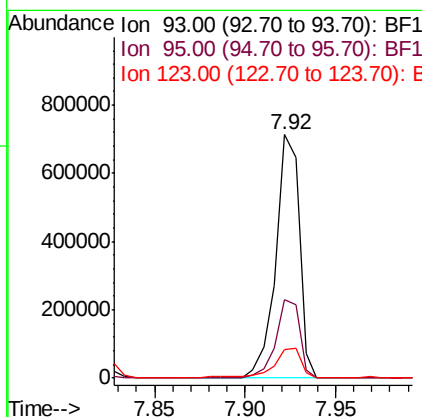
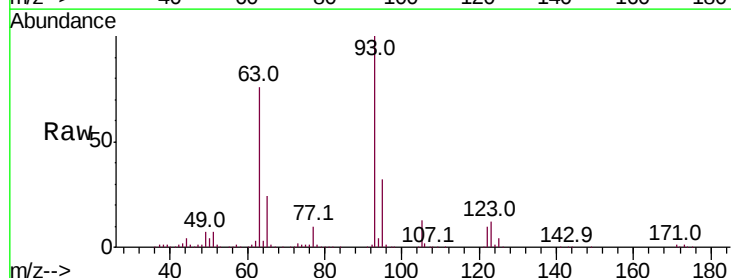
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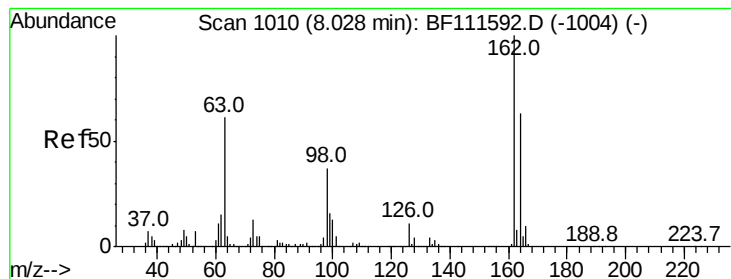
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#28
bis(2-Chloroethoxy)methane
Concen: 39.323 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	644370		
95	32.4	27.1	40.7	
123	11.8	9.9	14.9	





#29

2,4-Dichlorophenol

Concen: 39.954 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

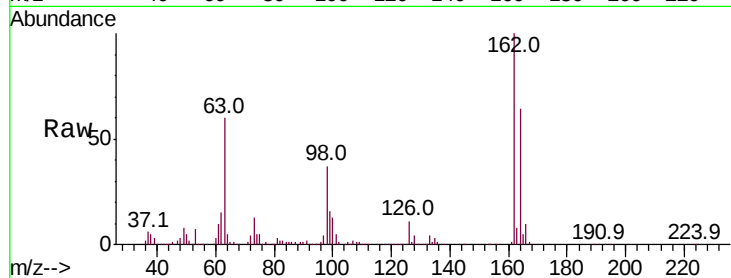
ClientSampleId :

SSTDCCC040

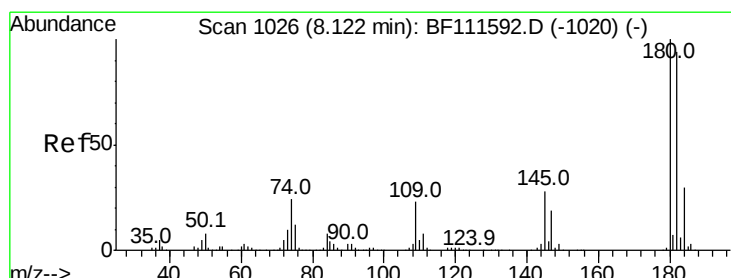
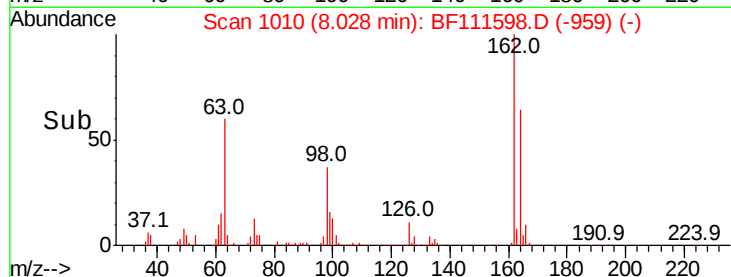
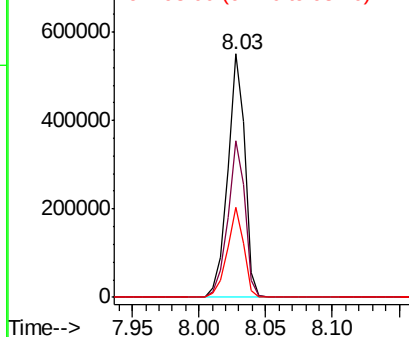
Tot Ion:	162	Resp:	499490
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.4	84.4
98	37.2	20.3	60.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.795 ng

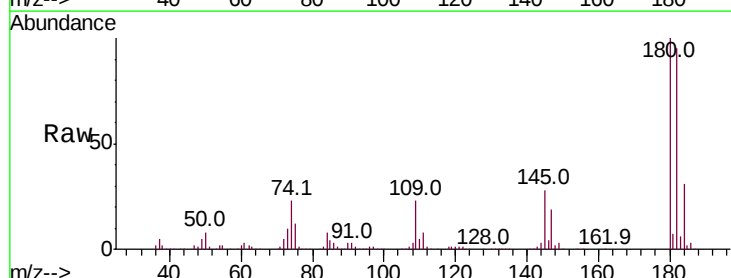
RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

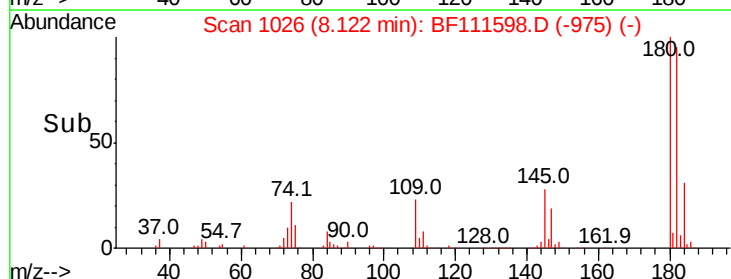
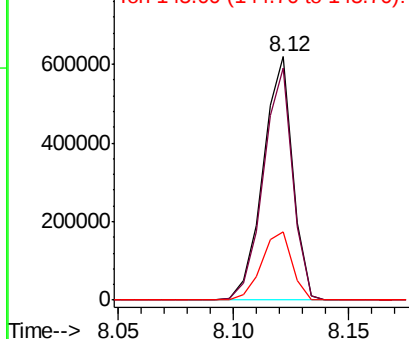
Lab File: BF111598.D

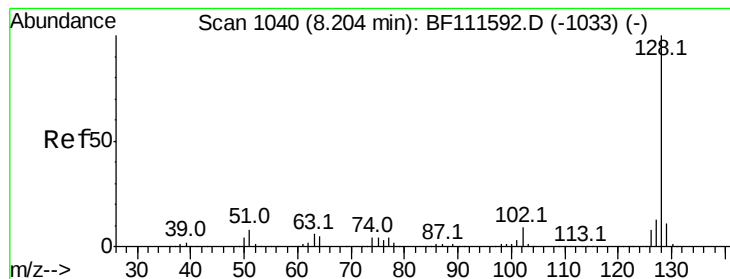
Acq: 19 Dec 2018 18:54

Tgt Ion:	180	Resp:	554384
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.6	113.4
145	28.0	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.858 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1546257

Ion Ratio Lower Upper

128 100

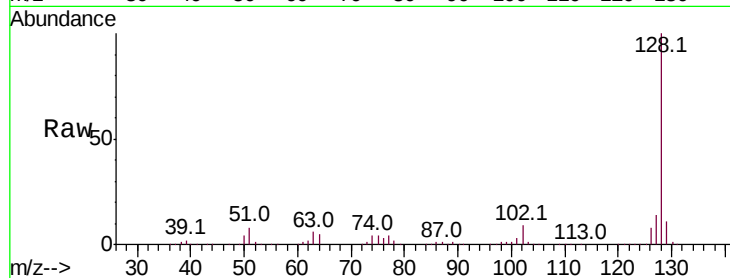
129 11.1 9.8 14.8

127 13.9 12.0 18.0

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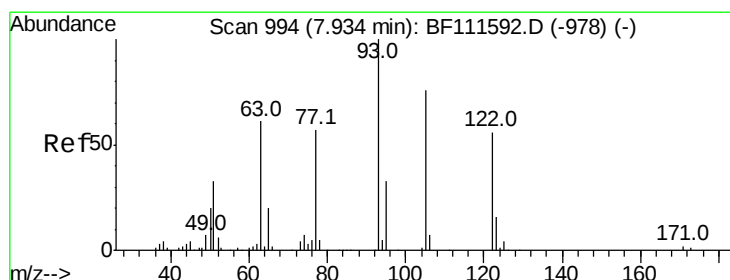
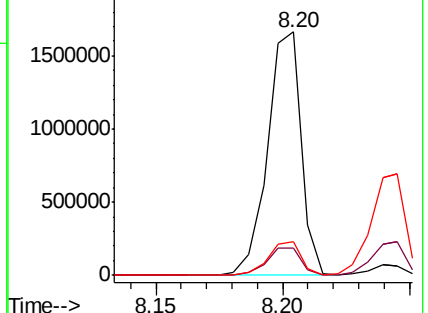
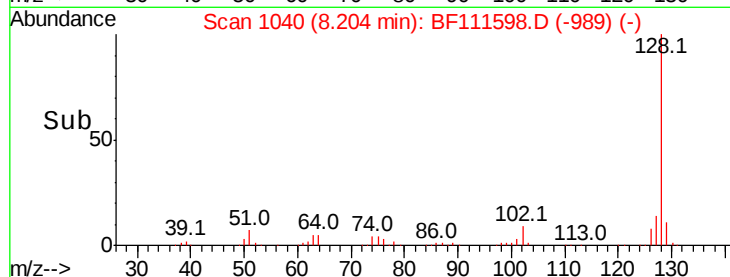
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.336 ng m

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

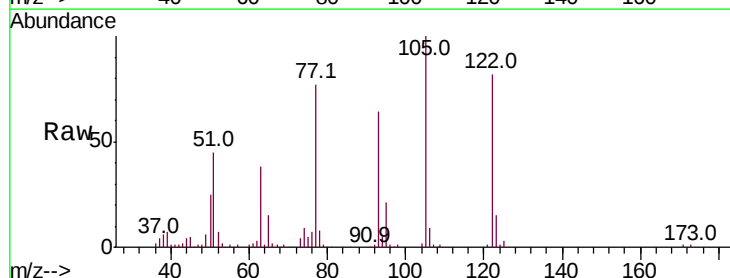
Tgt Ion:122 Resp: 309976

Ion Ratio Lower Upper

122 100

105 121.8 97.0 137.0

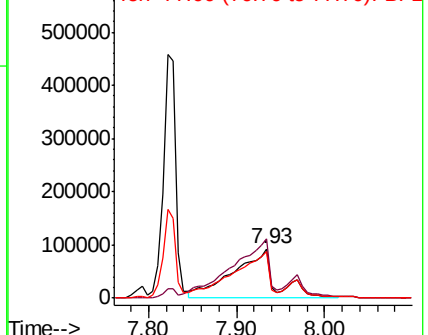
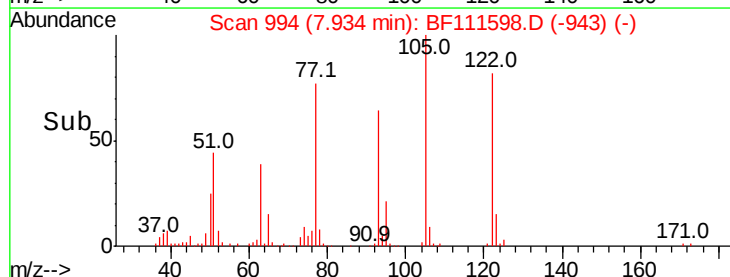
77 94.0 65.7 105.7

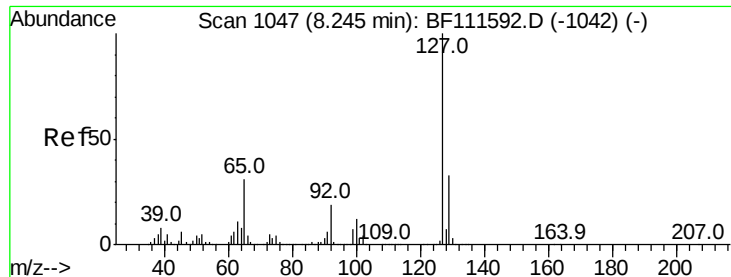


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





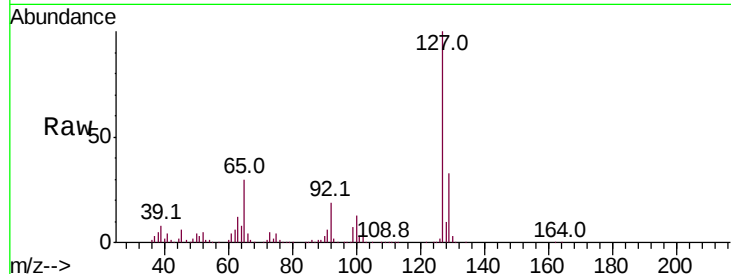
#33
4-Chloroaniline
Concen: 39.096 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	30.2	25.7	38.5
92	18.8	15.4	23.2

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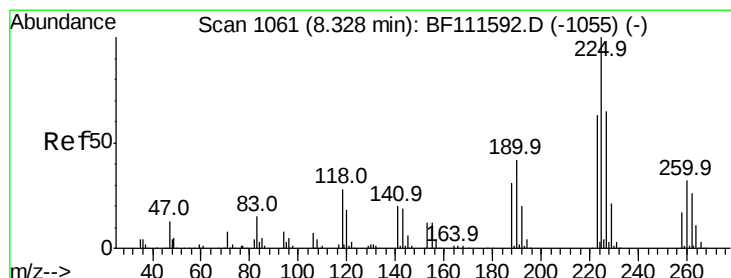
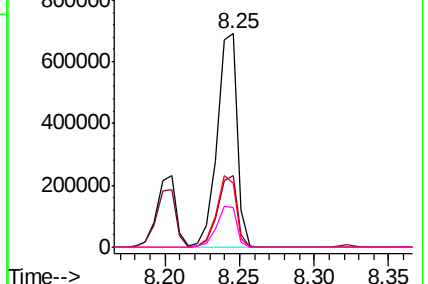
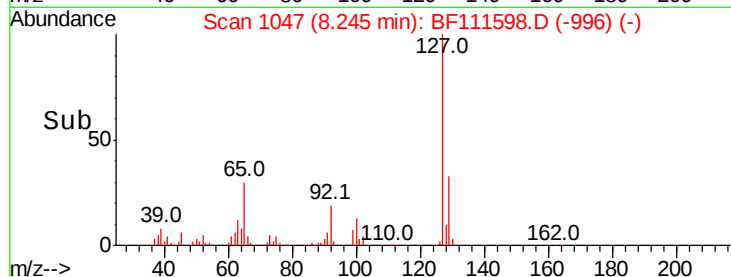
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

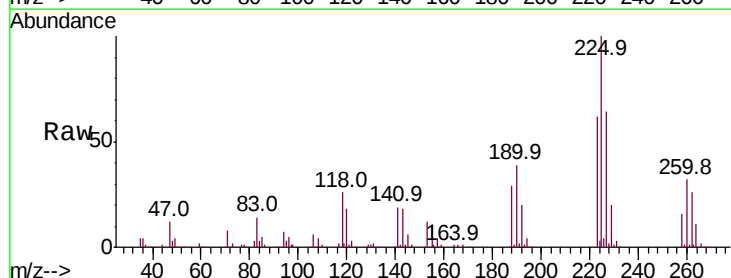
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.669 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	63.9	52.6	78.8

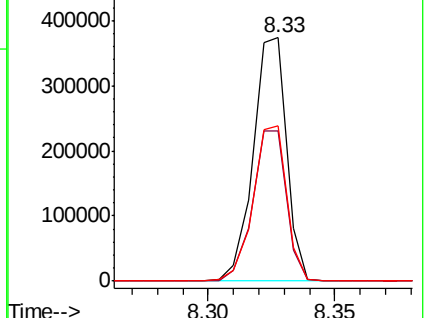
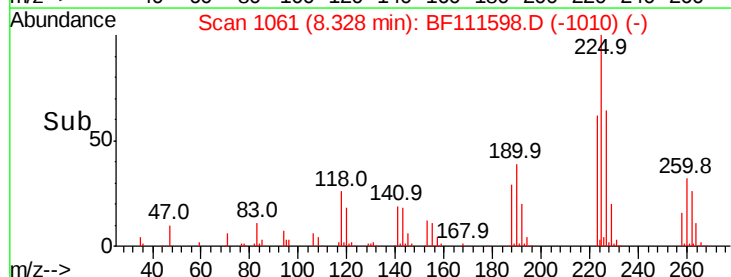


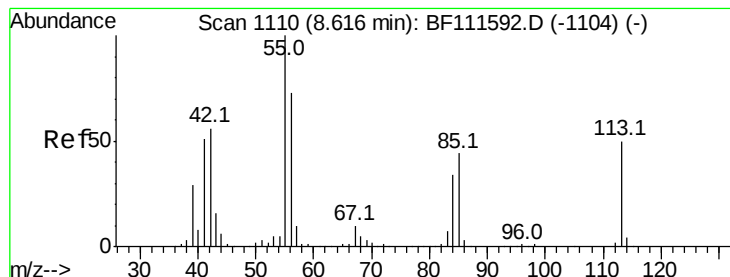
Abundance

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: 38.060 ng/mL

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

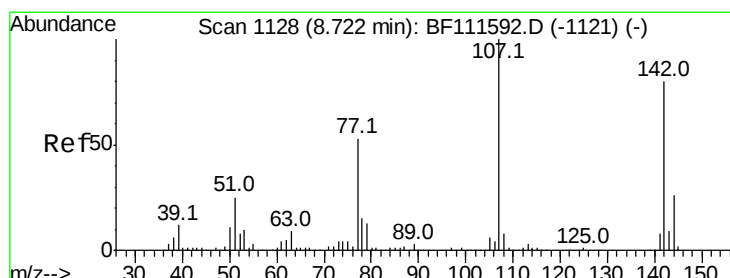
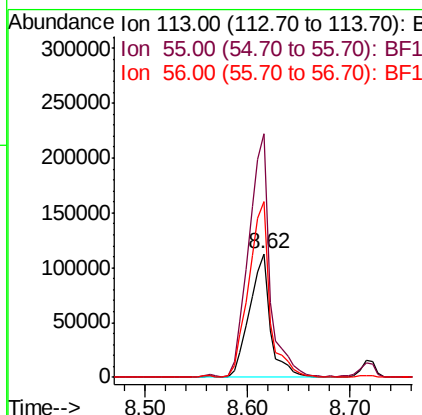
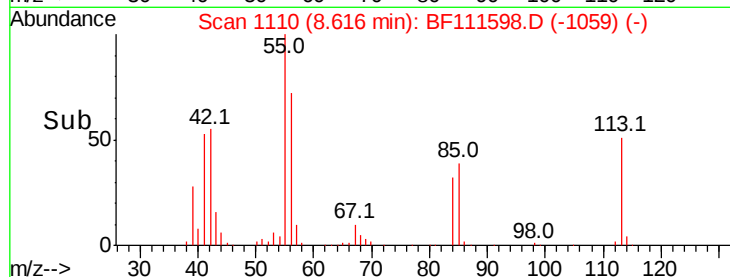
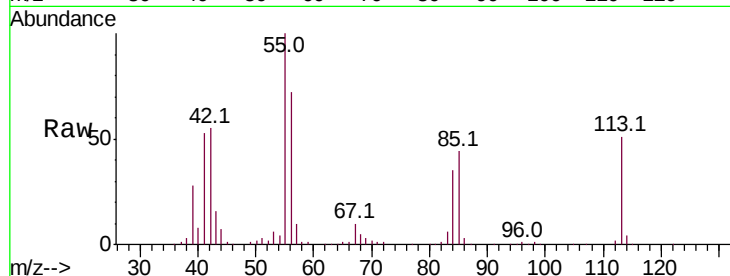
ClientSampleID :

SSTDCCC040

Tot Ion:	113	Resp:	161230
Ion Ratio	Lower	Upper	
113	100		
55	197.4	184.1	224.1
56	142.5	126.0	166.0

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#36

4-Chloro-3-methylphenol

Concen: 39.667 ng/mL

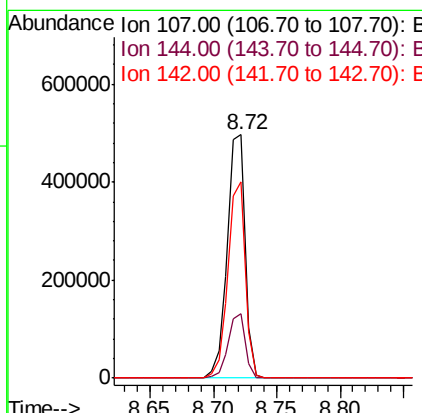
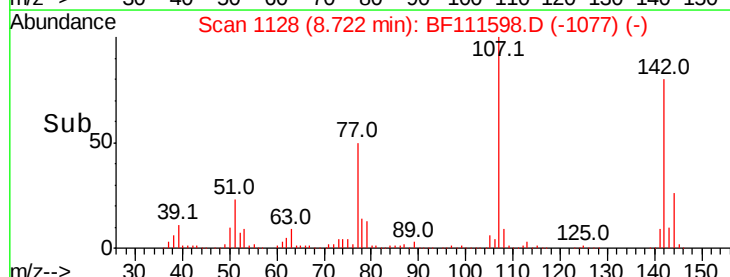
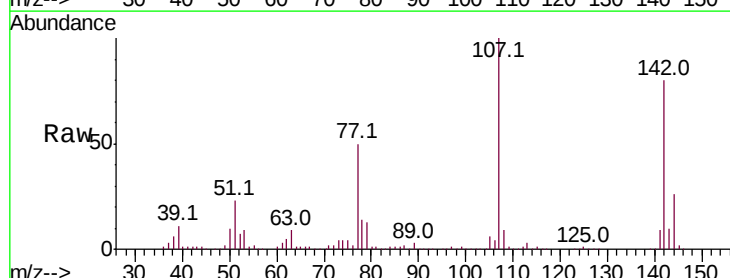
RT: 8.72 min Scan# 1128

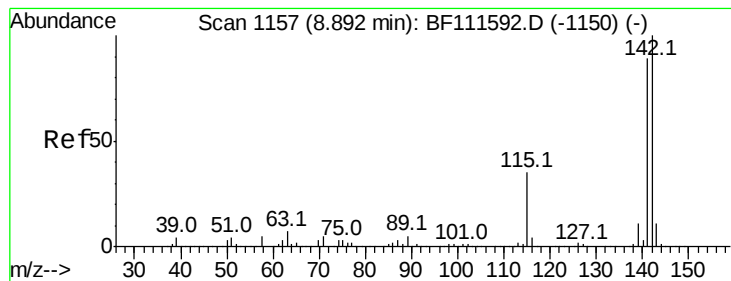
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:	107	Resp:	487464
Ion Ratio	Lower	Upper	
107	100		
144	26.4	19.8	29.6
142	80.5	62.3	93.5





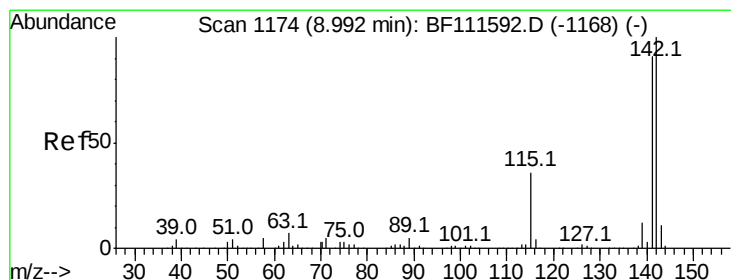
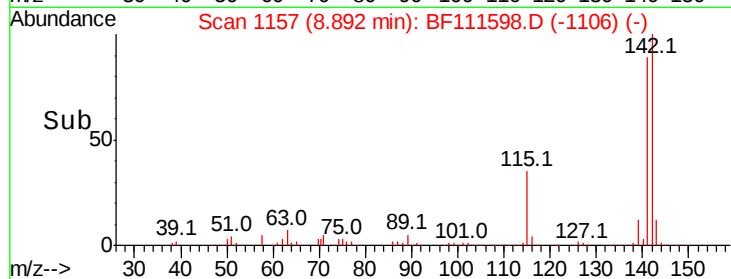
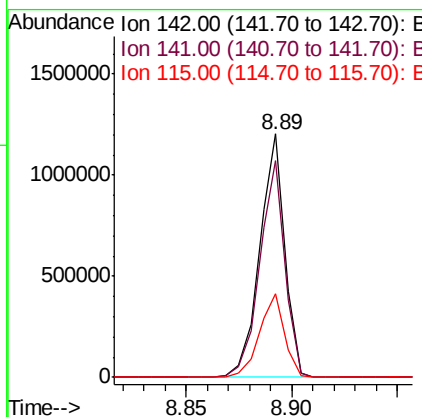
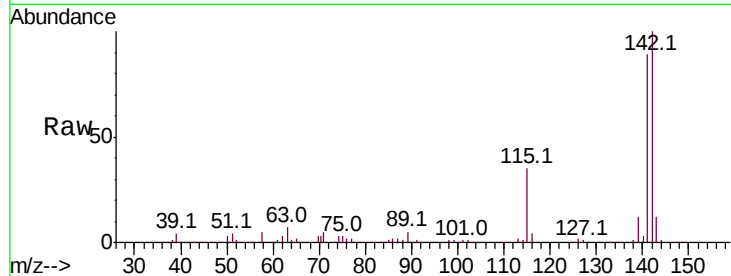
#37
2-Methylnaphthalene
Concen: 39.380 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	34.5	27.0	40.6

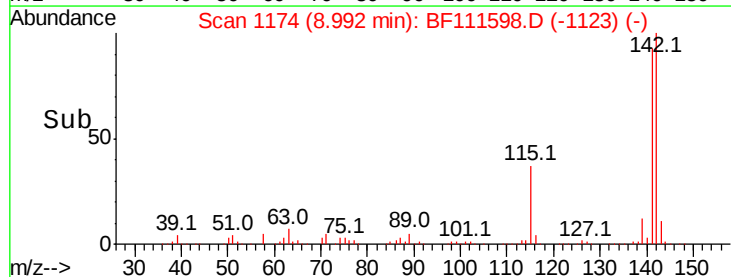
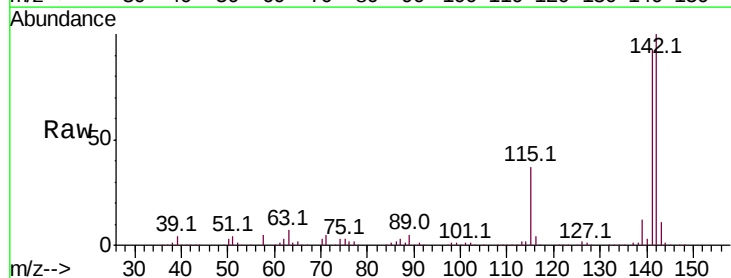
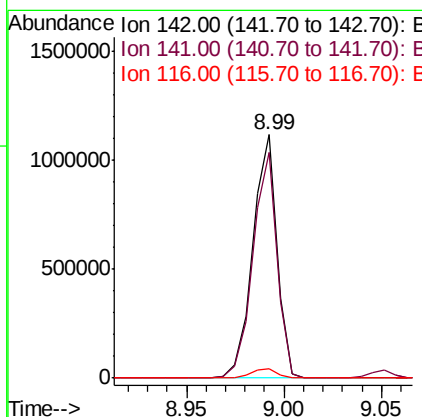
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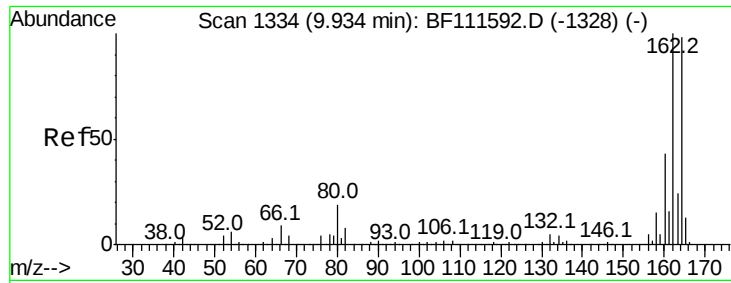
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#38
1-Methylnaphthalene
Concen: 39.382 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	3.8	2.9	4.3





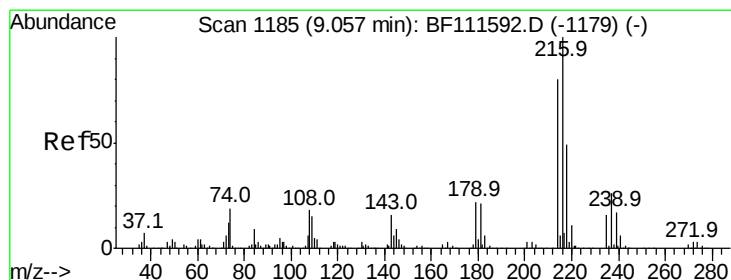
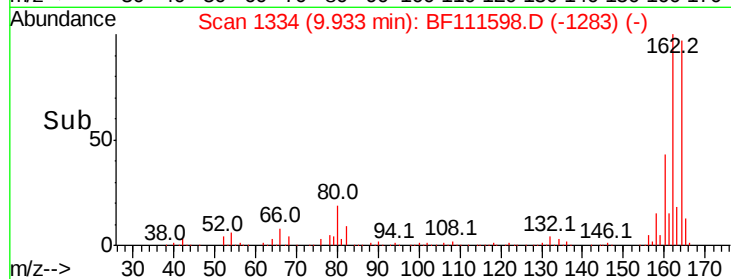
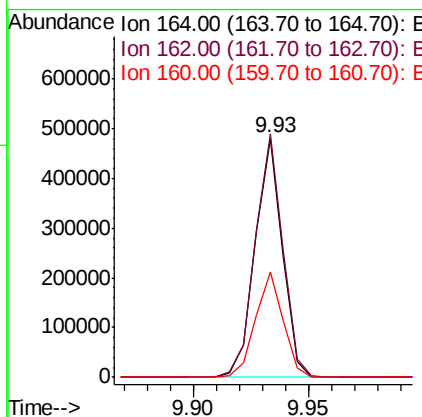
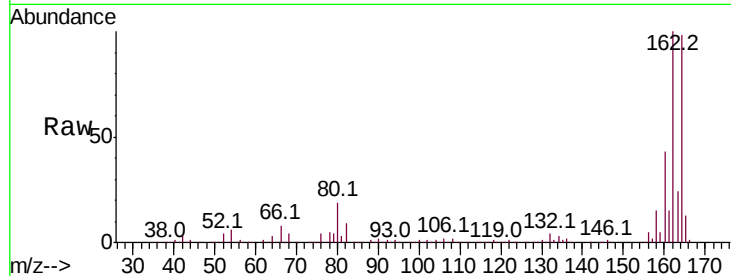
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	81.4	122.0	
160	44.3	35.7	53.5	

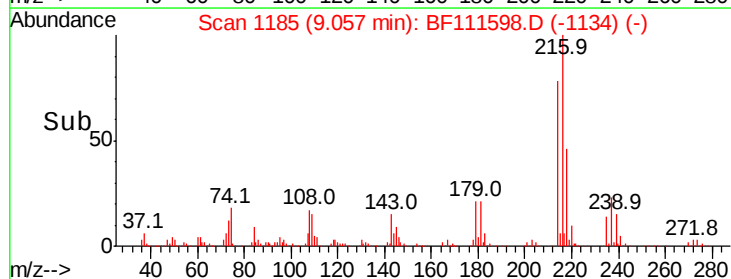
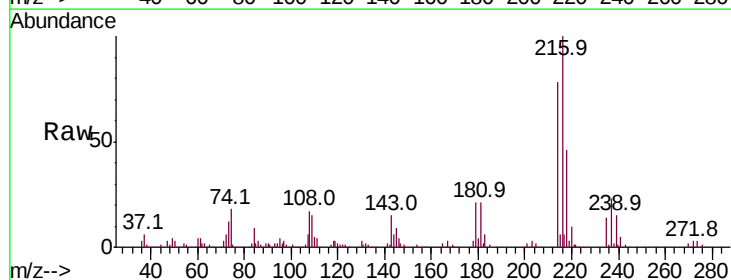
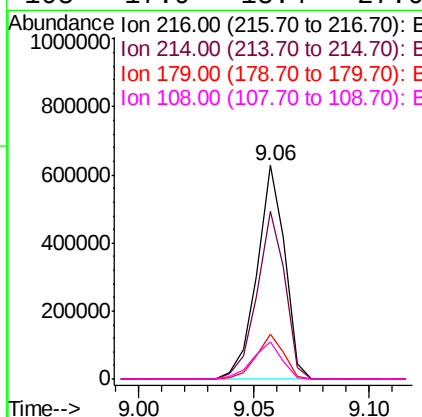
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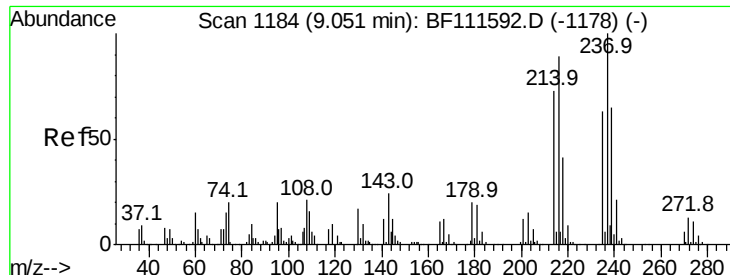
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.682 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.8	95.8	
179	20.7	17.9	26.9	
108	17.9	18.4	27.6#	





#41

Hexachlorocyclopentadiene

Concen: 40.336 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

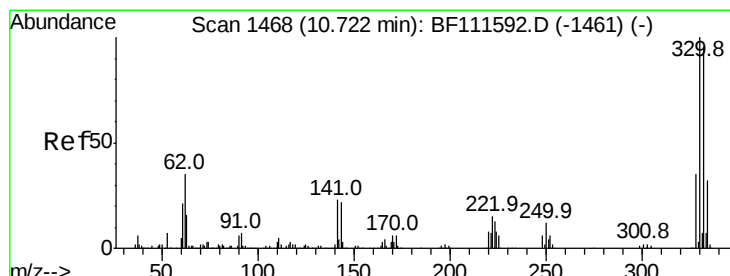
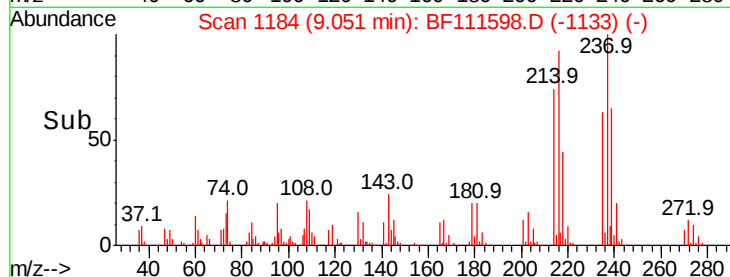
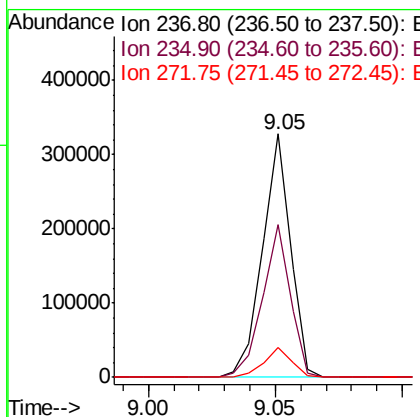
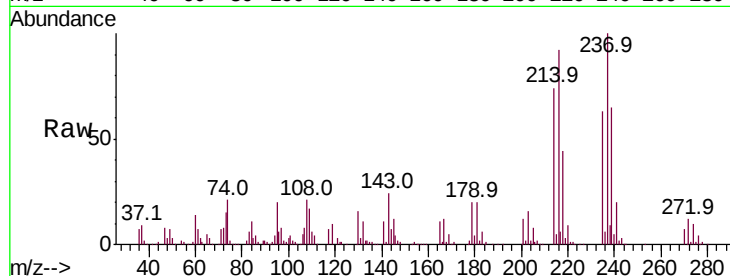
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	255076
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.1	83.1
272	12.3	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 82.513 ng

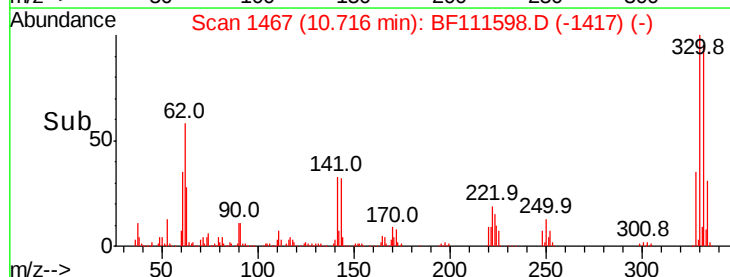
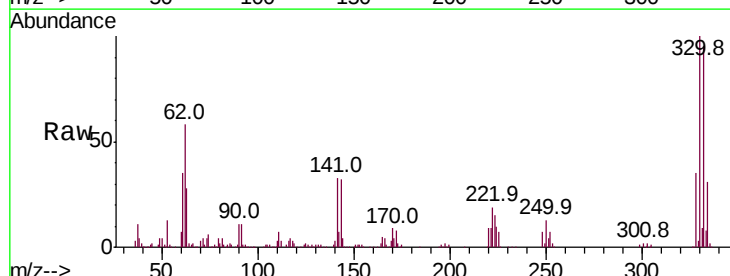
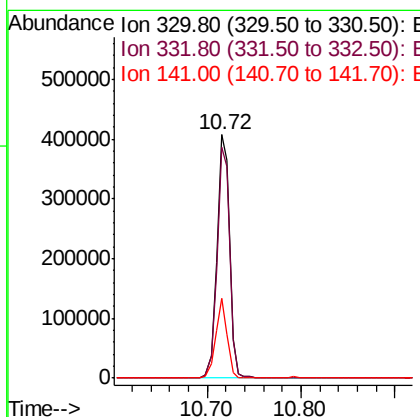
RT: 10.72 min Scan# 1467

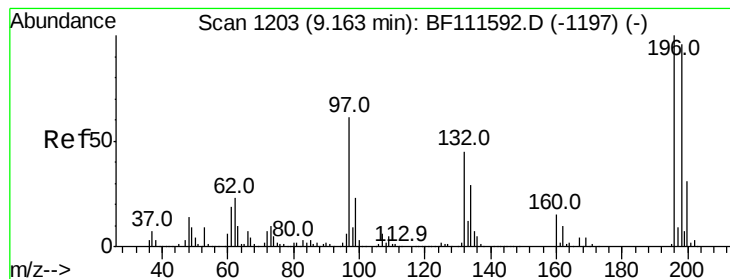
Delta R.T. -0.01 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:	330	Resp:	386646
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.0	114.0
141	29.7	31.0	46.6#





#43

2,4,6-Trichlorophenol

Concen: 40.852 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

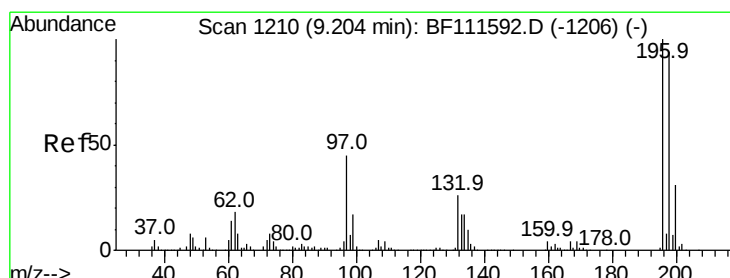
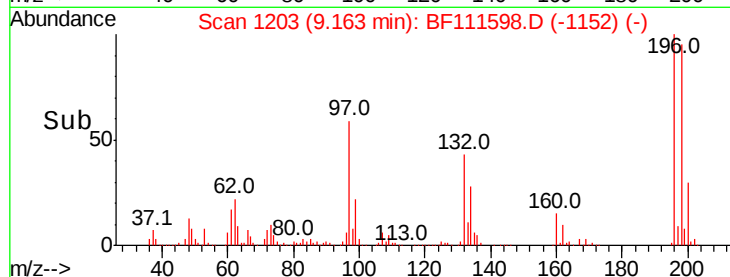
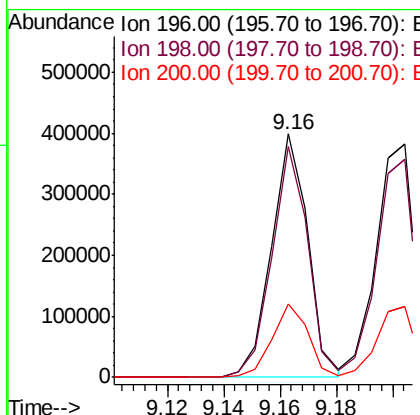
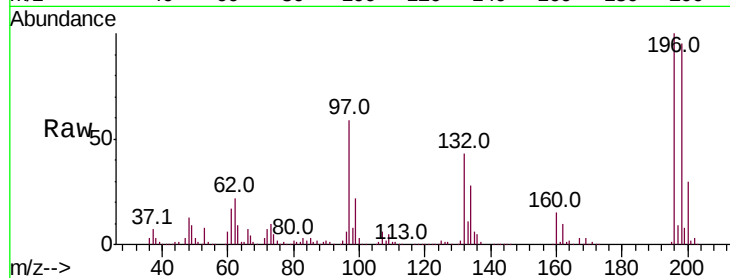
ClientSampled :

SSTDCCC040

Tot Ion:	196	Resp:	355437
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.3	114.5
200	30.0	24.9	37.3

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 40.917 ng

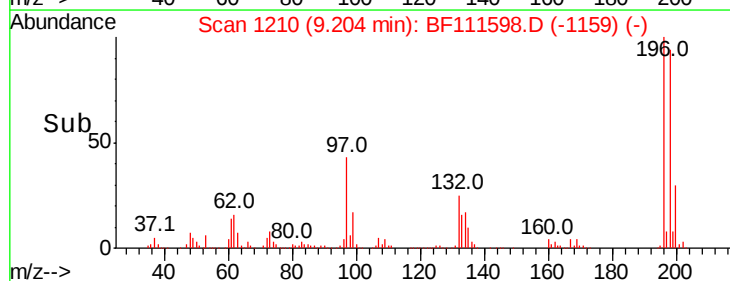
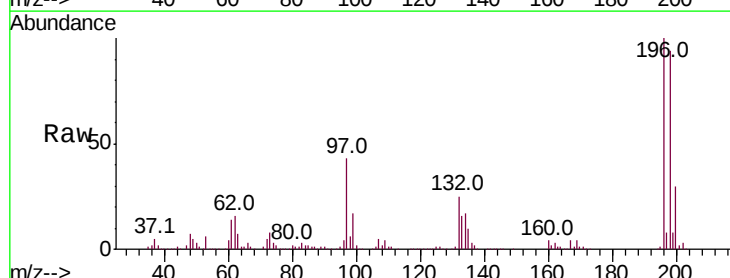
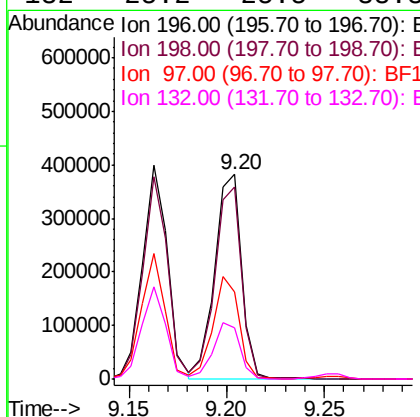
RT: 9.20 min Scan# 1210

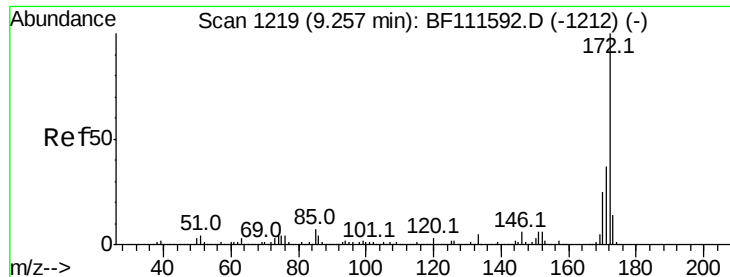
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:	196	Resp:	365220
Ion Ratio	Lower	Upper	
196	100		
198	93.6	72.9	109.3
97	42.6	45.3	67.9#
132	25.2	25.5	38.3#





#45

2-Fluorobiphenyl

Concen: 78.769 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 2143140

Ion Ratio Lower Upper

172 100

171 36.6 33.0 49.4

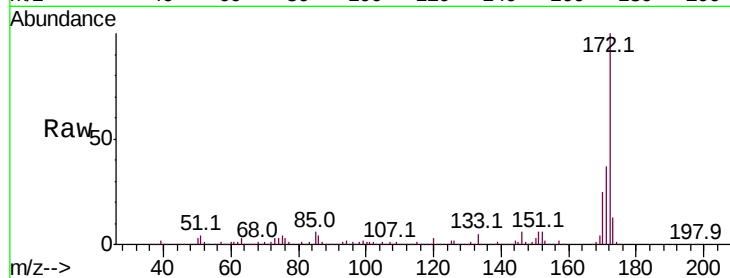
170 24.8 22.3 33.5

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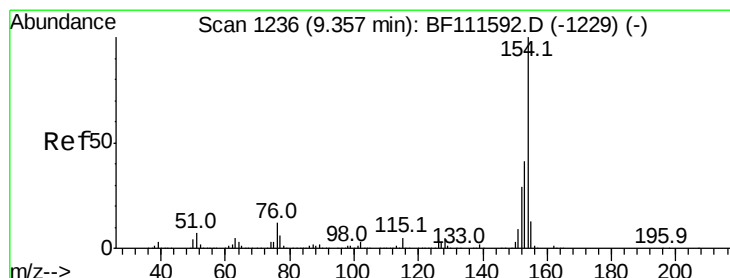
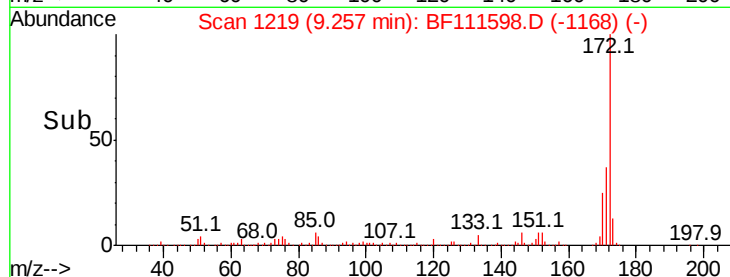
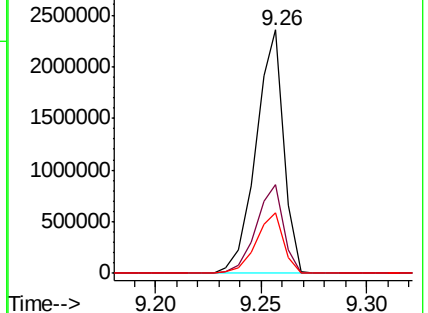
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.183 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

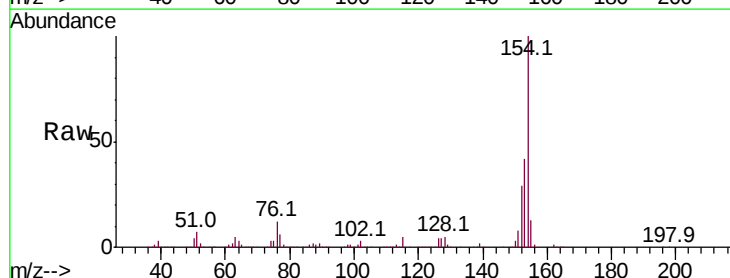
Tgt Ion:154 Resp: 1345211

Ion Ratio Lower Upper

154 100

153 42.0 23.7 63.7

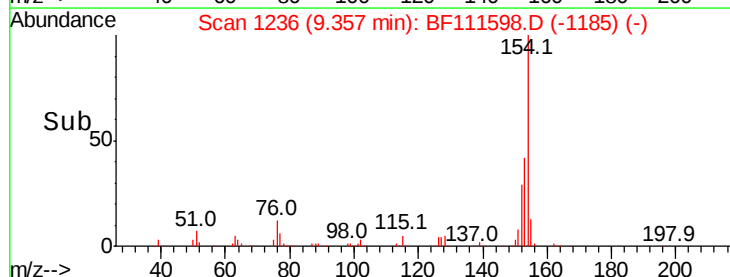
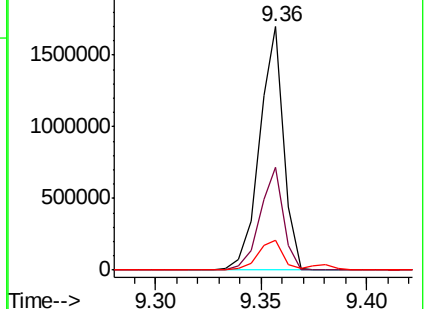
76 12.4 0.0 35.0

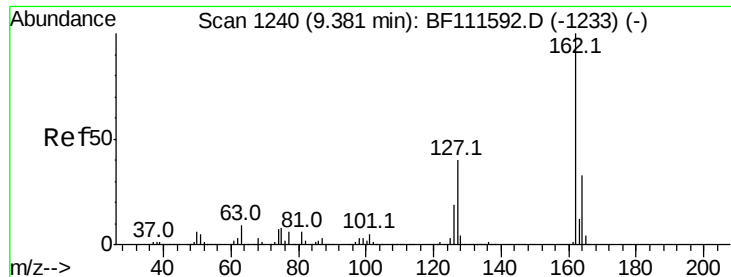


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





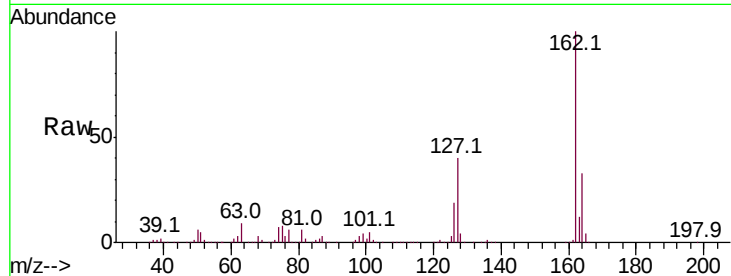
#47
2-Chloronaphthalene
Concen: 40.083 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	35.0	52.4
164	32.9	28.4	42.6

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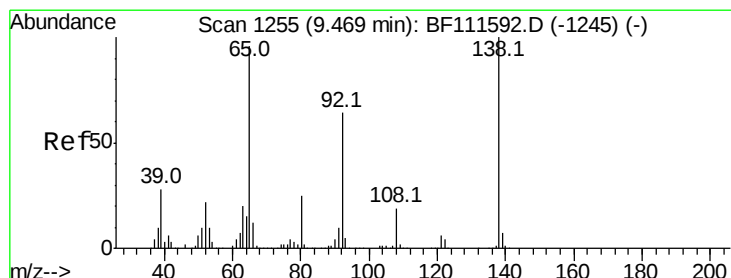
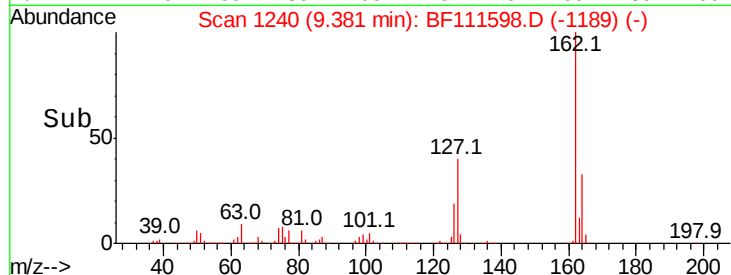
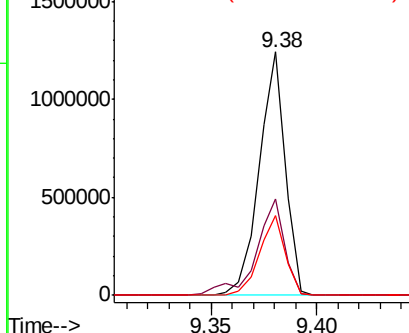


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.590 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

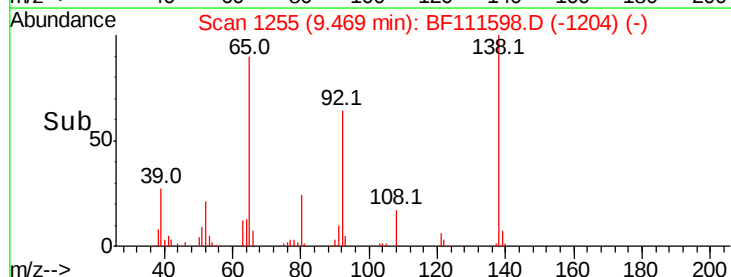
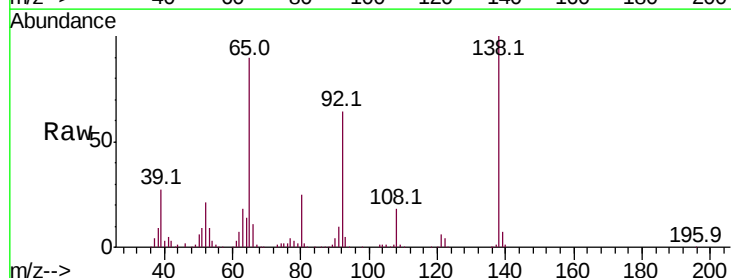
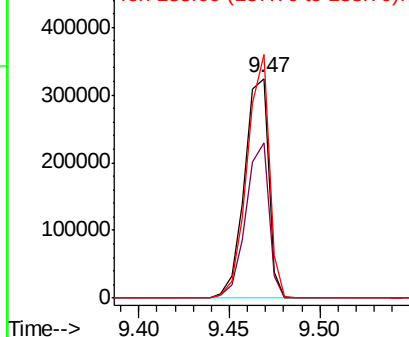
Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.5	80.3
138	110.8	80.9	121.3

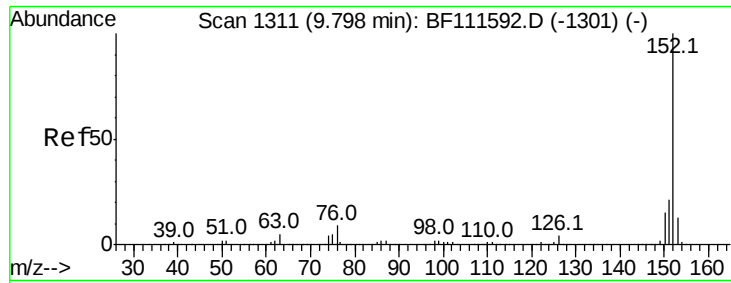
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





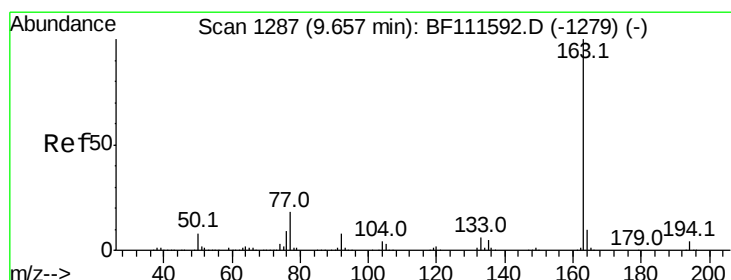
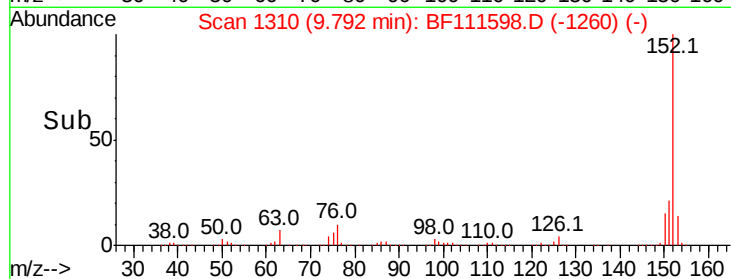
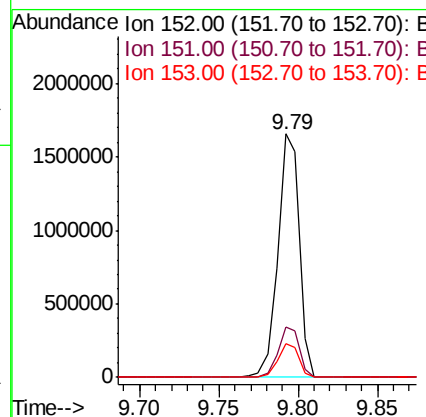
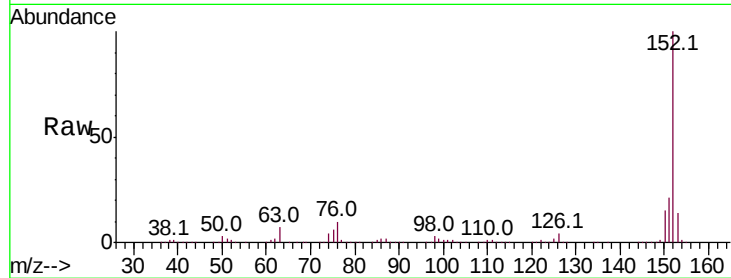
#49
Acenaphthylene
Concen: 40.119 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.0	27.0
153	13.8	12.3	18.5

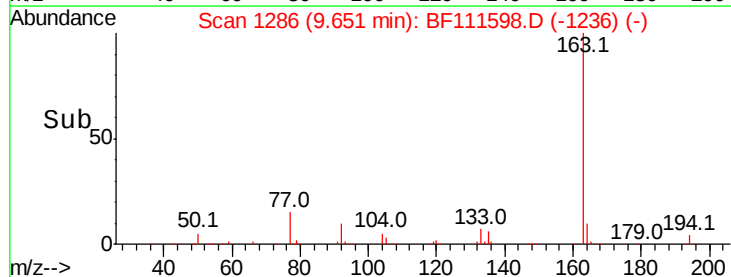
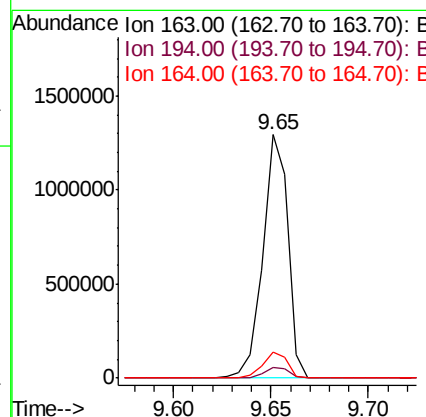
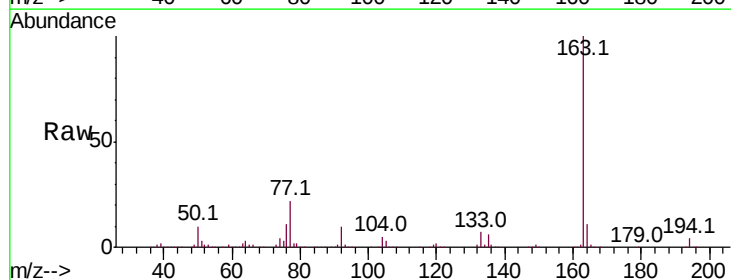
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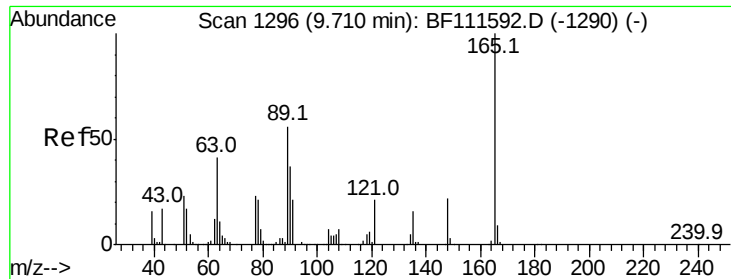
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#50
Dimethylphthalate
Concen: 39.549 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.6	8.9	13.3





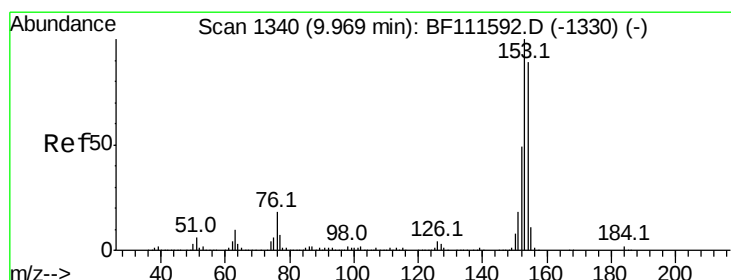
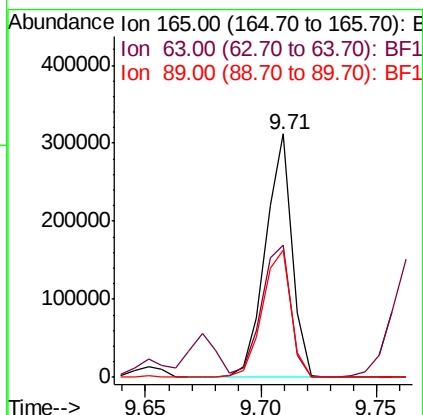
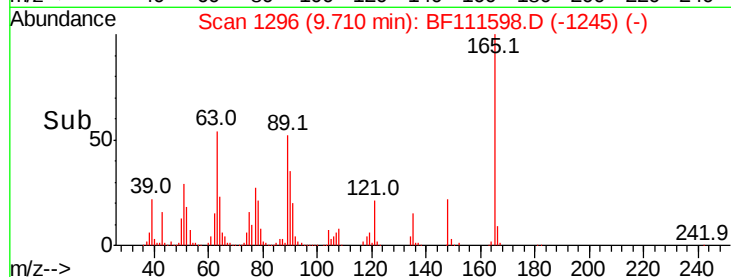
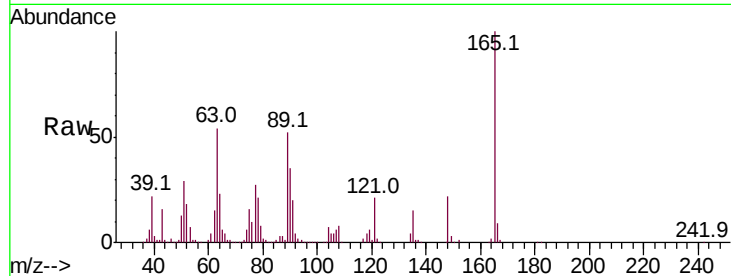
#51
2,6-Dinitrotoluene
Concen: 43.372 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250807		
63	54.2		40.5	60.7
89	52.3		40.0	60.0

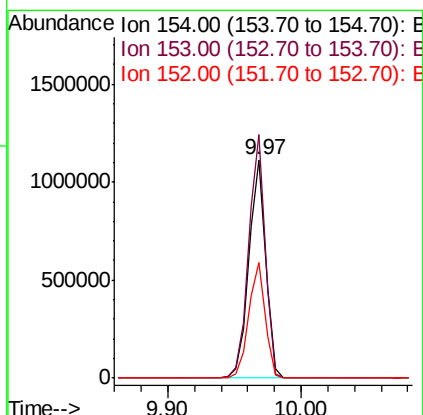
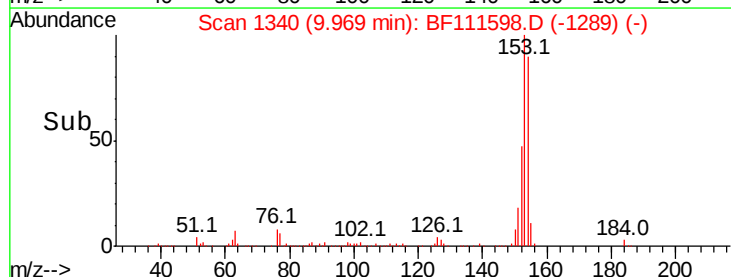
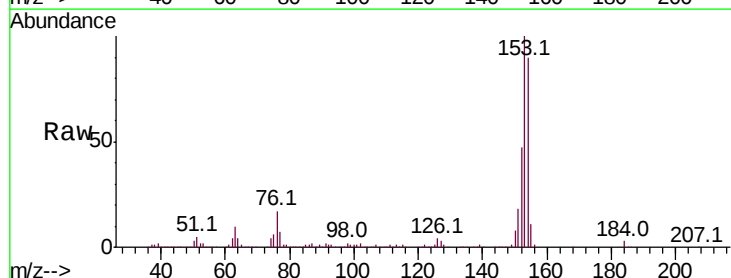
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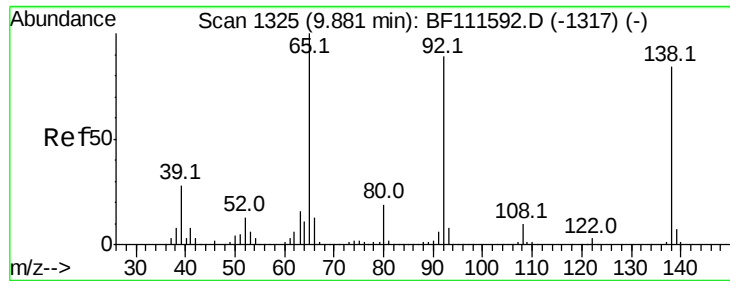
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#52
Acenaphthene
Concen: 40.005 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	955506		
153	111.6		87.8	131.8
152	52.9		43.4	65.2





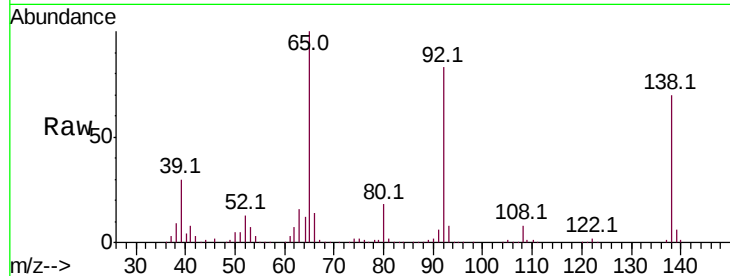
#53
3-Nitroaniline
Concen: 44.512 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.2	12.4
92	118.1	93.4	140.2

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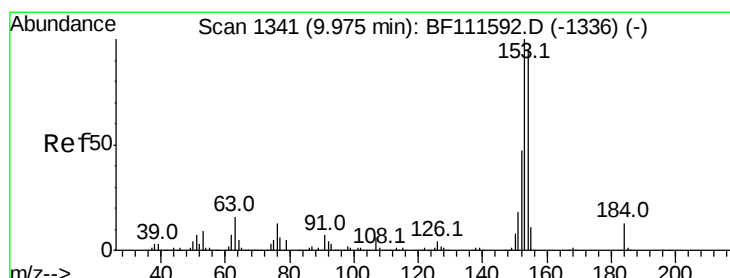
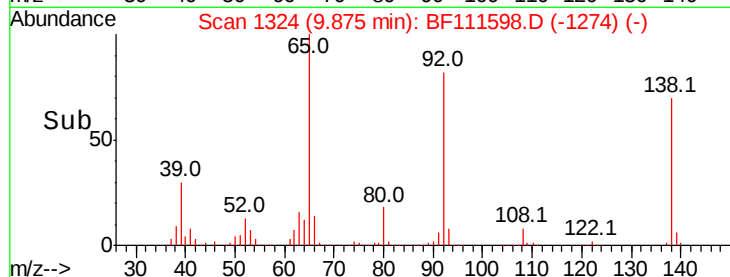
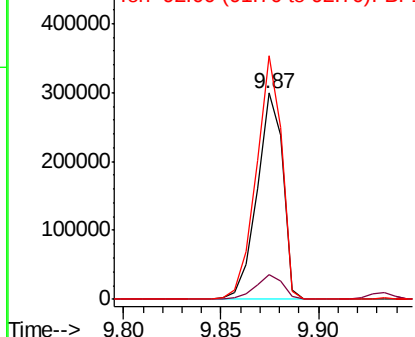


Abundance

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: 40.248 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

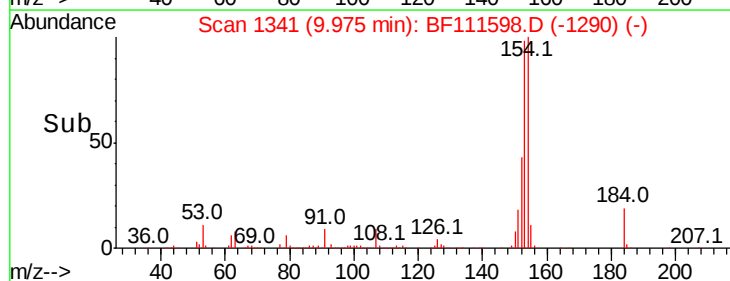
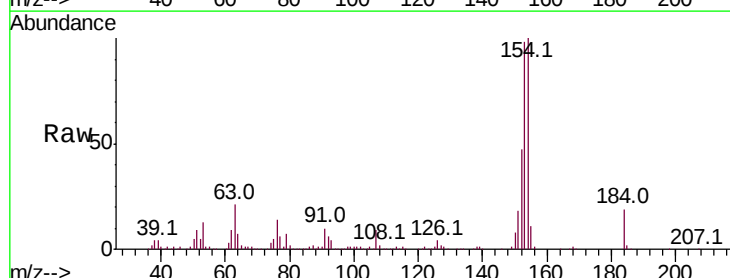
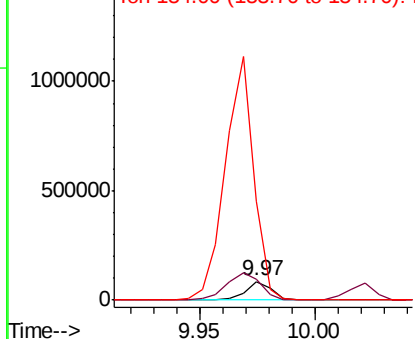
Tgt Ion	Ratio	Lower	Upper
184	100		
63	109.2	62.3	93.5#
154	523.0	56.2	84.2#

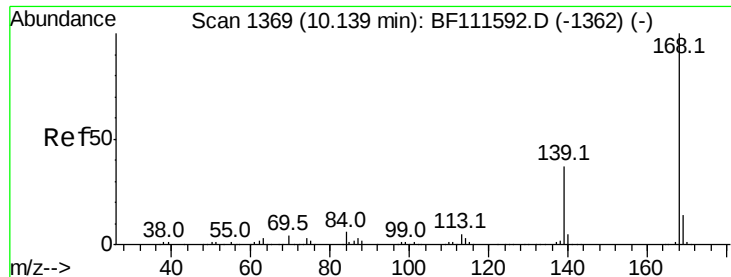
Abundance

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: 39.940 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1441221

Ion Ratio Lower Upper

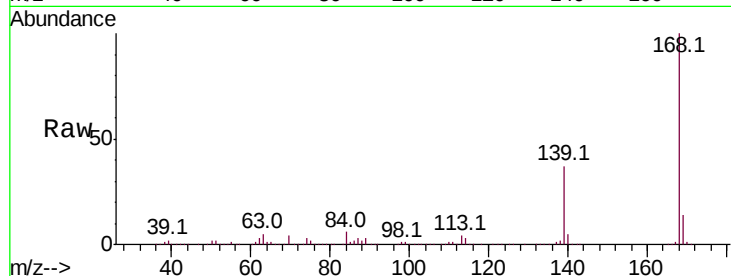
168 100

139 37.1 32.6 49.0

169 13.8 11.8 17.6

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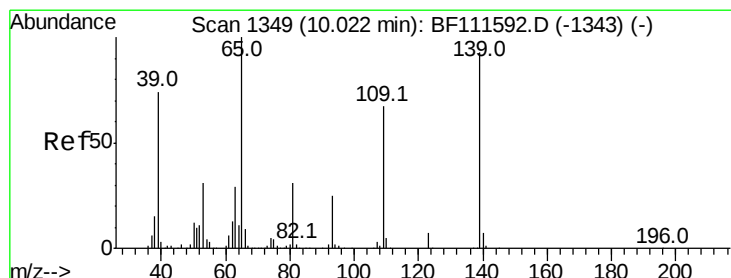
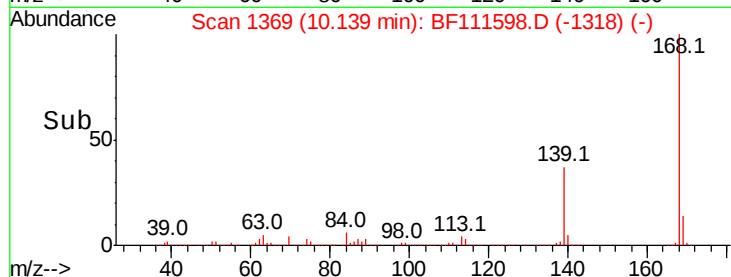
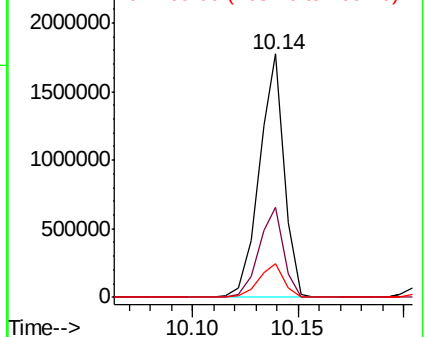
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 44.053 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

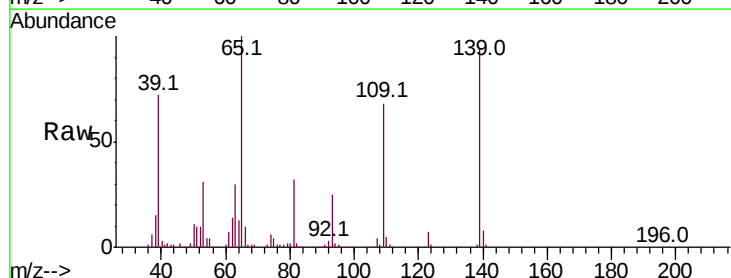
Tgt Ion:139 Resp: 207335

Ion Ratio Lower Upper

139 100

109 72.2 41.8 81.8

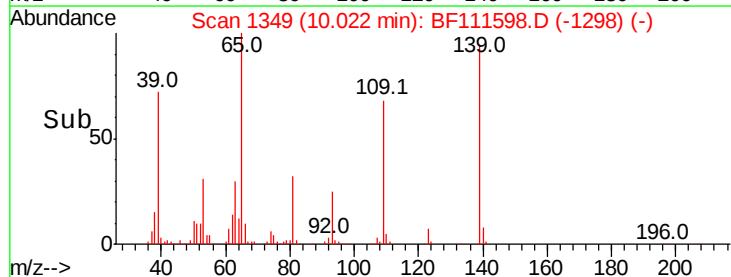
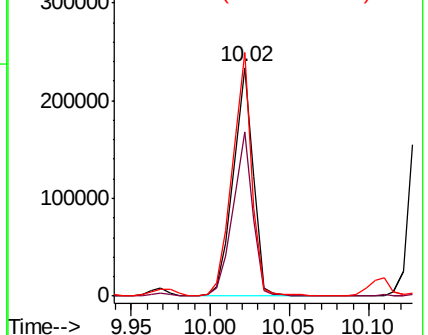
65 106.7 79.6 119.6

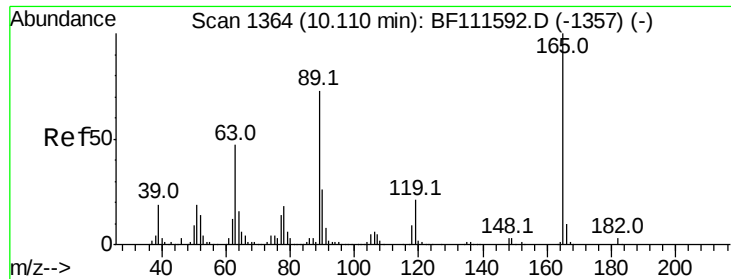


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





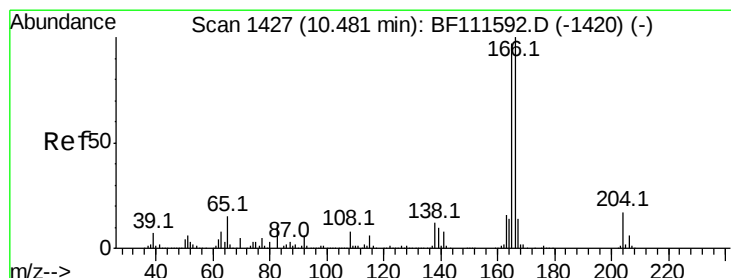
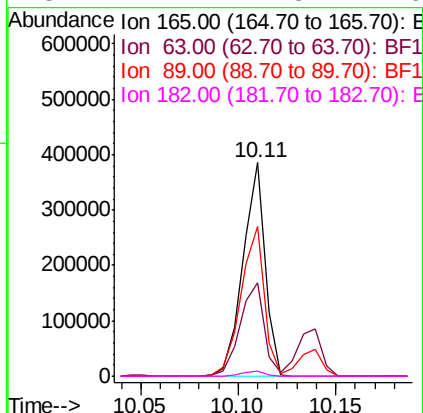
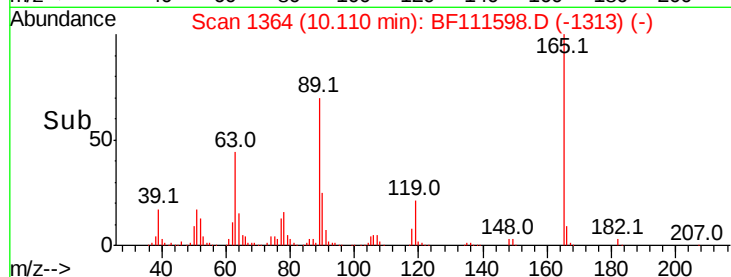
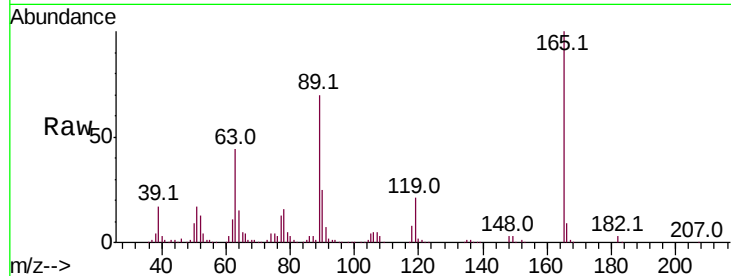
#57
2,4-Dinitrotoluene
Concen: 43.883 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	34.6	52.0
89	70.2	56.2	84.4
182	2.7	1.8	2.6

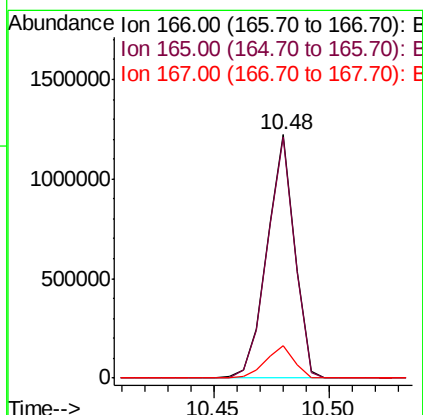
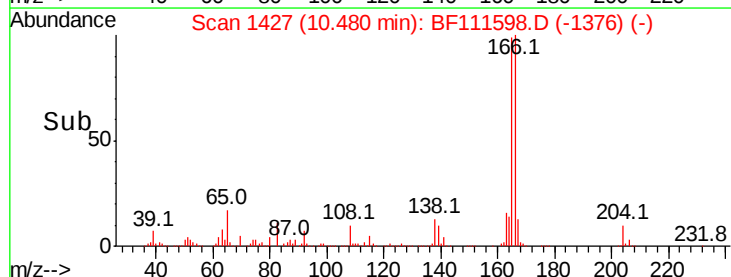
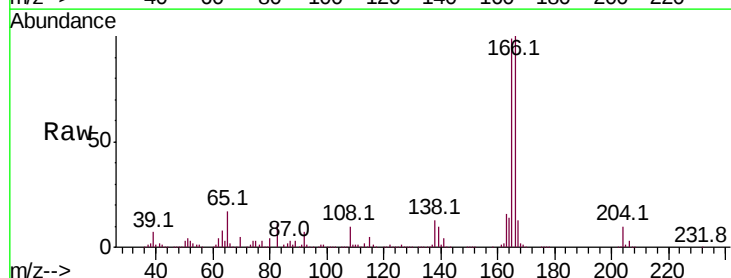
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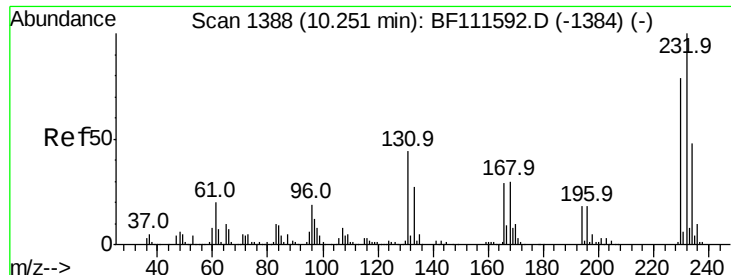
Sohil
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#58
Fluorene
Concen: 39.066 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.4	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.994 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 307930
Ion Ratio Lower Upper

232 100

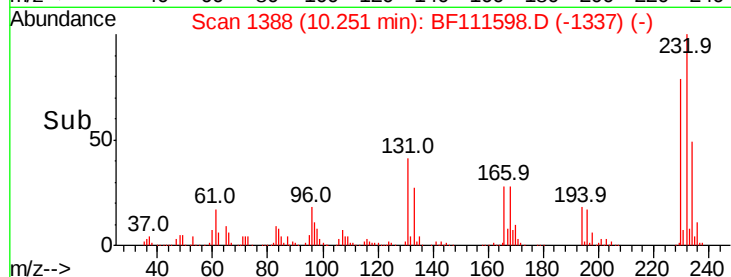
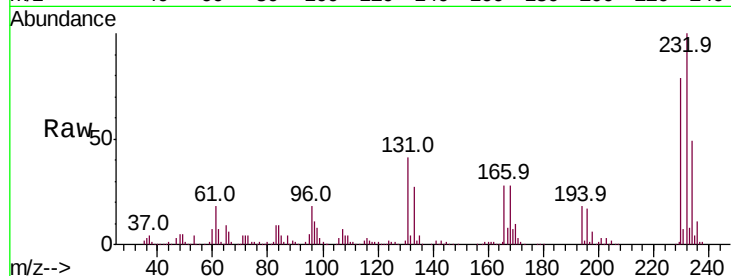
131 41.8 40.9 61.3

130 2.1 2.0 3.0

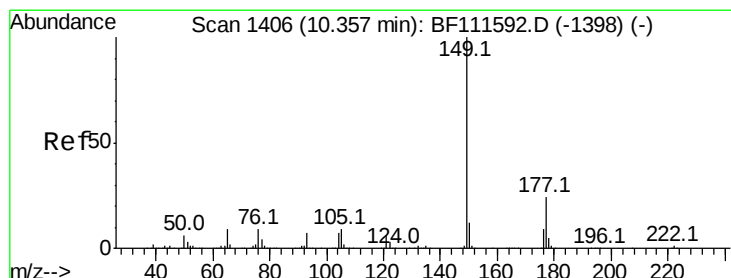
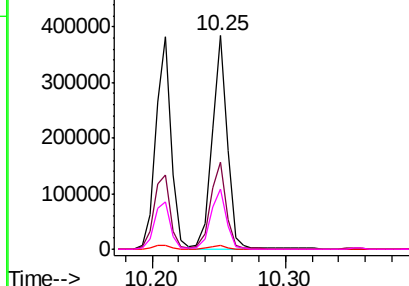
166 28.8 26.8 40.2

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Abundance Ion 232.00 (231.70 to 232.70): E
600000
Ion 131.00 (130.70 to 131.70): E
500000
Ion 130.00 (129.70 to 130.70): E
400000
Ion 166.00 (165.70 to 166.70): E
300000
200000
100000
0



#60

Diethylphthalate

Concen: 39.857 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF111598.D

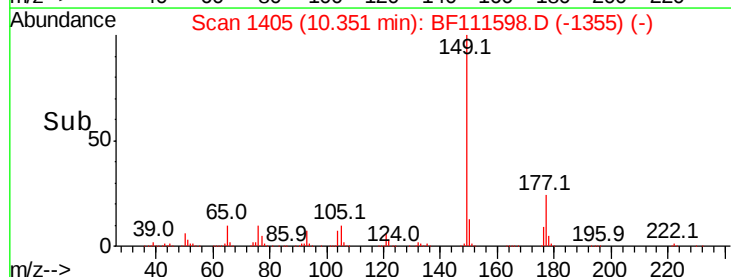
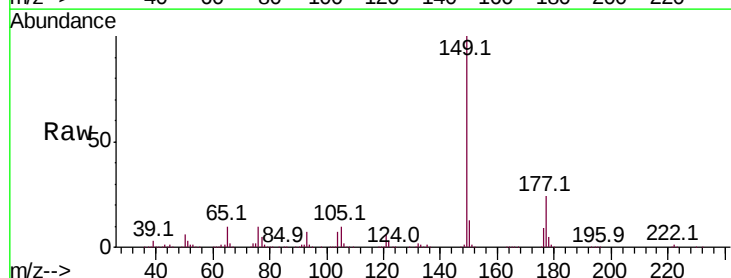
Acq: 19 Dec 2018 18:54

Tgt Ion:149 Resp: 1133833
Ion Ratio Lower Upper

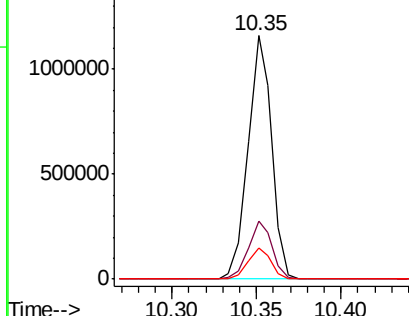
149 100

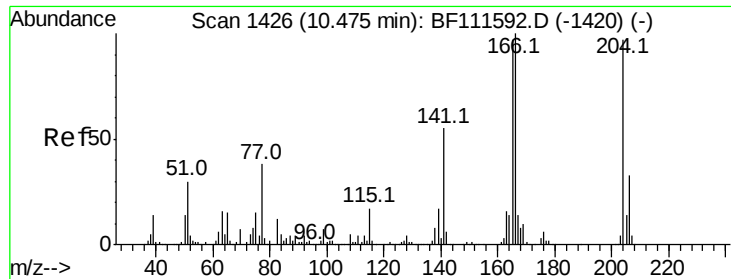
177 23.6 18.3 27.5

150 12.5 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 177.00 (176.70 to 177.70): E
1000000
Ion 150.00 (149.70 to 150.70): E
500000
0





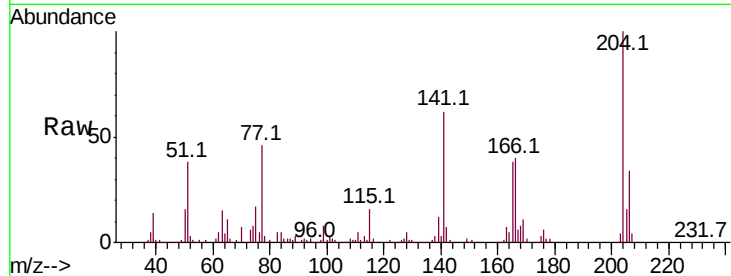
#61
4-Chlorophenyl-phenylether
Concen: 39.261 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	62.1	52.6	78.8

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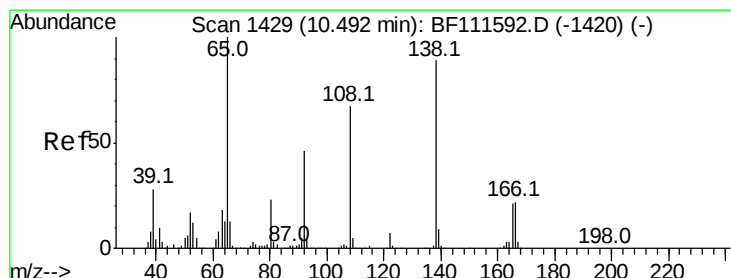
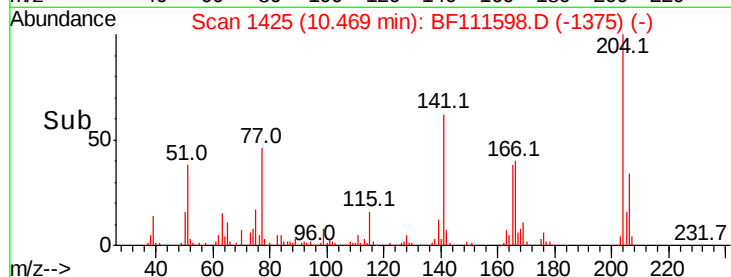
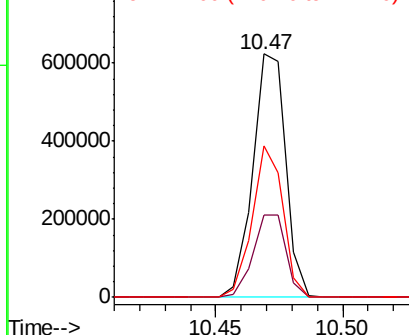


Abundance

Ion 204.00 (203.70 to 204.70): E

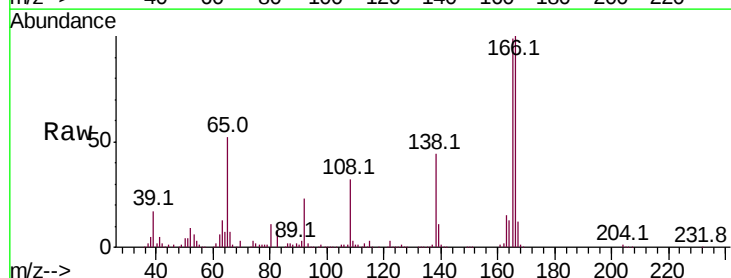
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.171 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	29.9	69.9
108	73.5	43.2	83.2

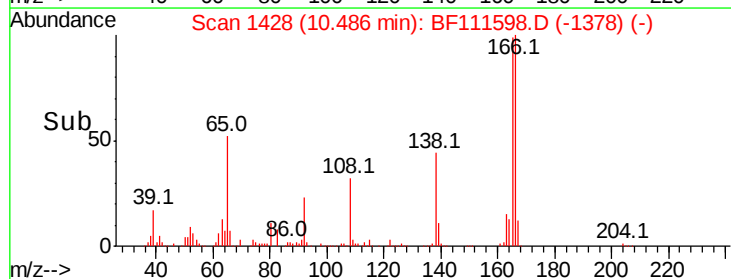
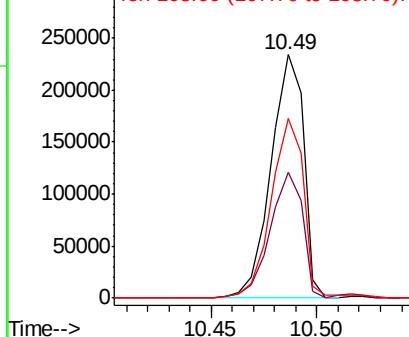


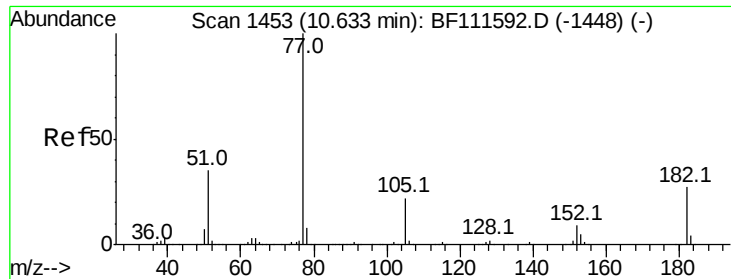
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.966 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1141413

Ion Ratio Lower Upper

77 100

182 28.4 4.9 44.9

105 22.6 6.0 46.0

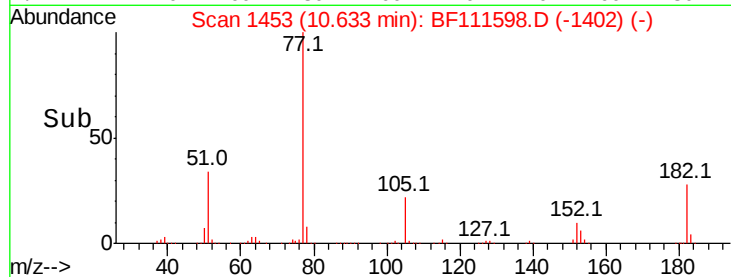
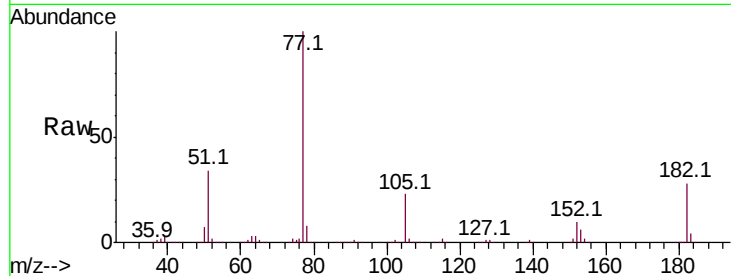
51 33.9 14.7 54.7

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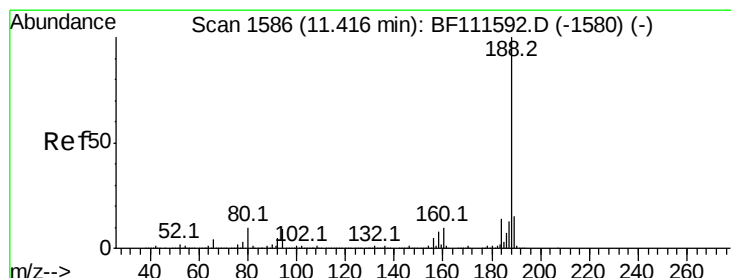
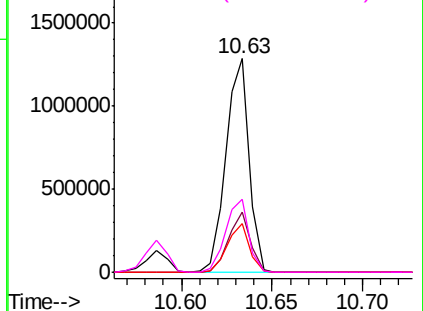


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF111598.D

Acq: 19 Dec 2018 18:54

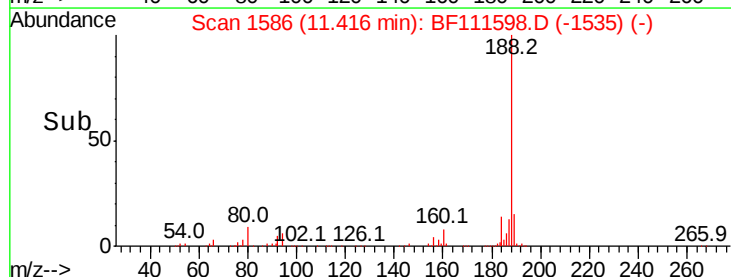
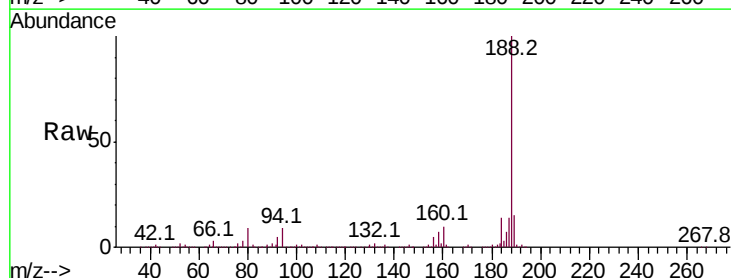
Tgt Ion: 188 Resp: 744507

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

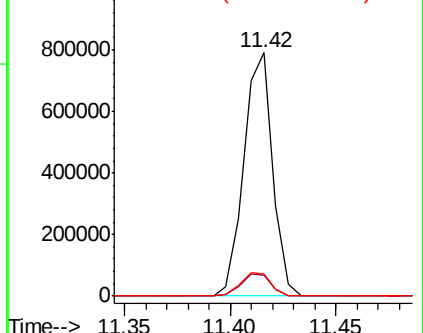
80 9.0 9.8 14.6#

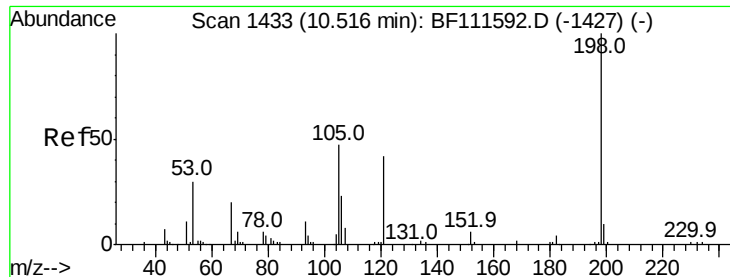


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.401 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 124099

Ion Ratio Lower Upper

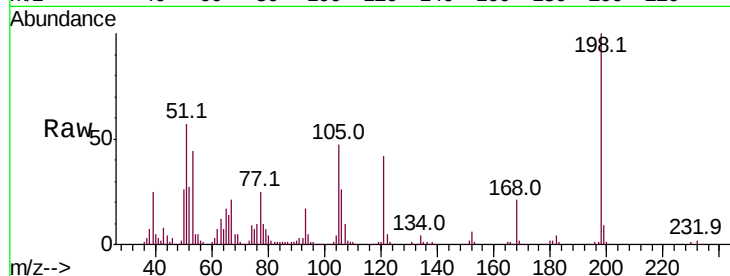
198 100

51 57.1 48.0 88.0

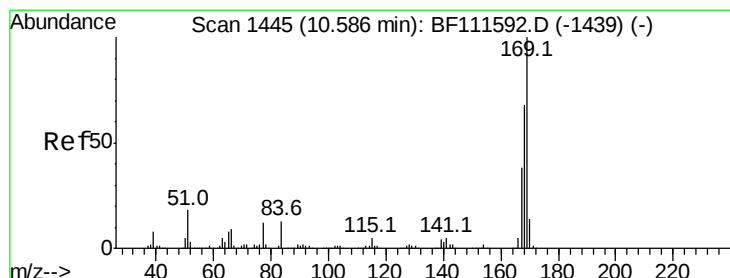
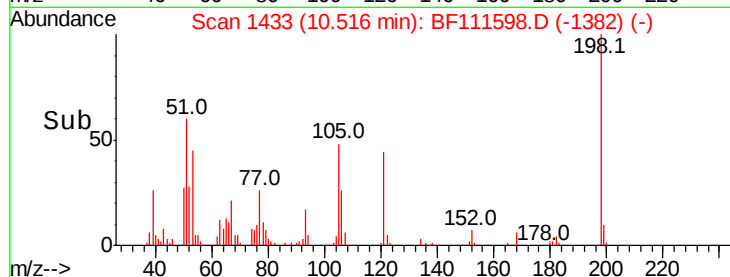
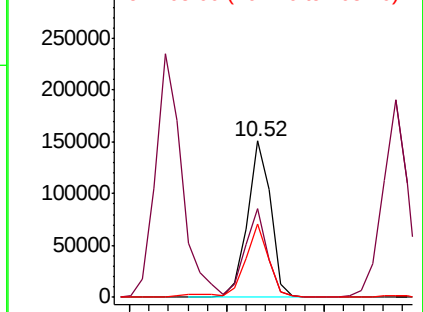
105 46.6 34.0 74.0

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.070 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

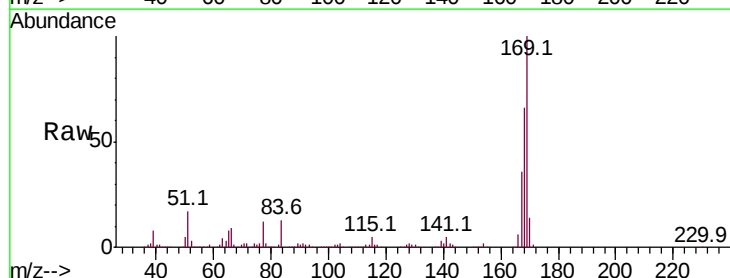
Tgt Ion:169 Resp: 1001420

Ion Ratio Lower Upper

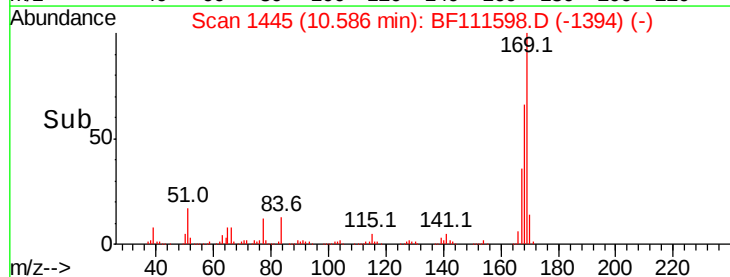
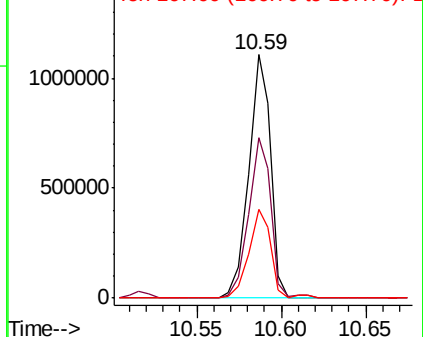
169 100

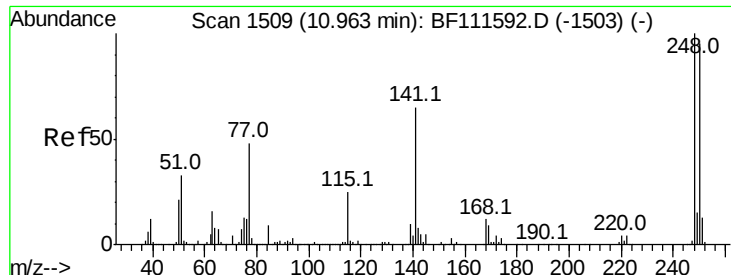
168 65.8 54.4 81.6

167 36.5 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





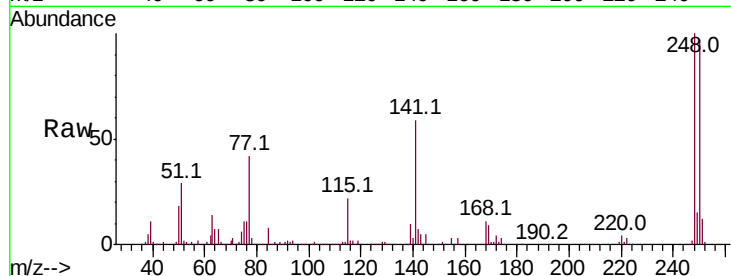
#67
4-Bromophenyl-phenylether
Concen: 39.714 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.4
141	59.1	63.0	94.6#

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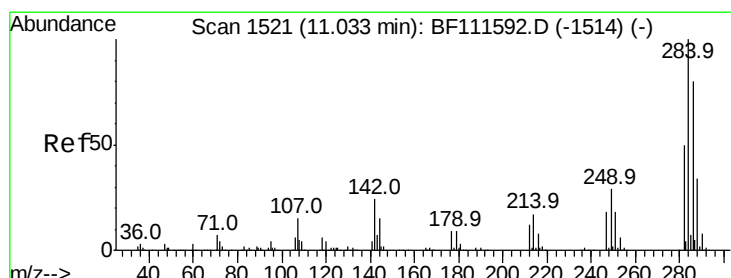
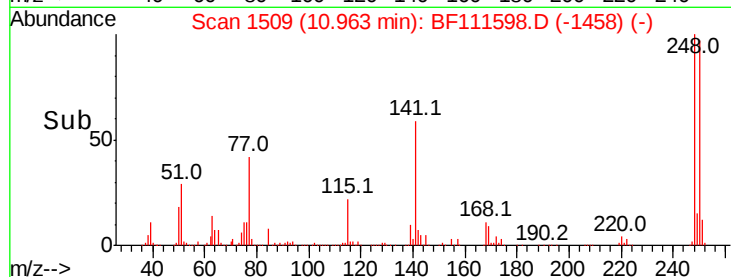
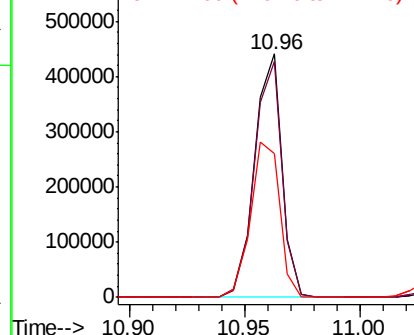


Abundance

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: 40.013 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

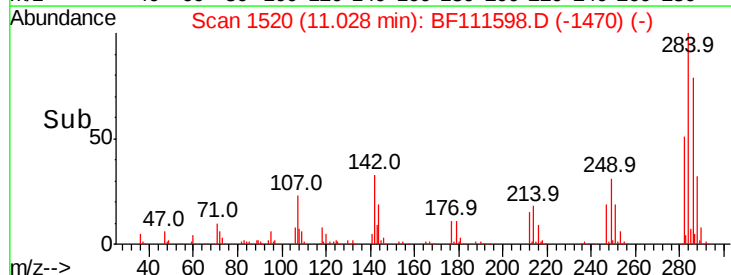
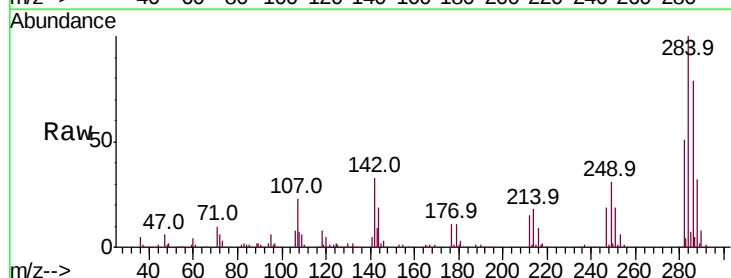
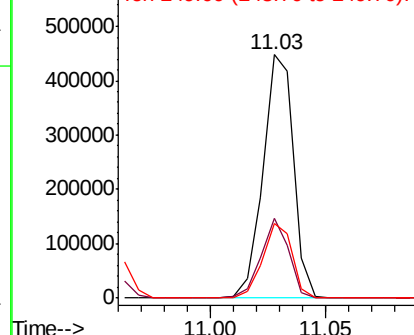
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	27.4	41.2
249	30.8	24.4	36.6

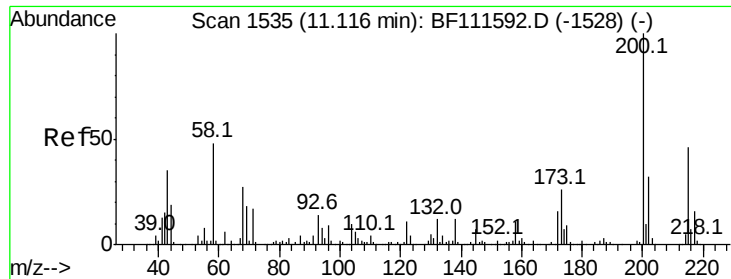
Abundance

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





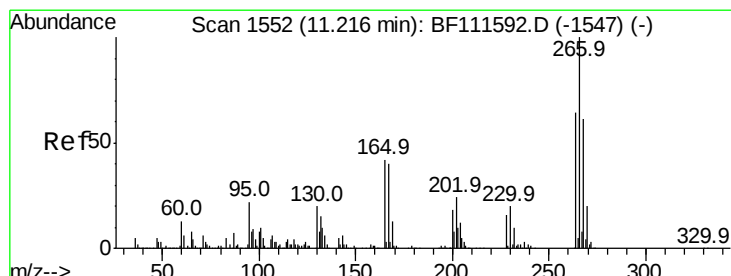
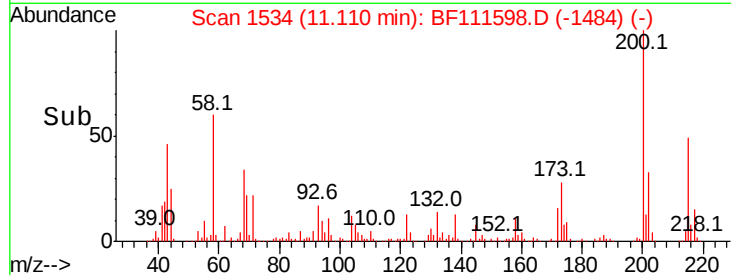
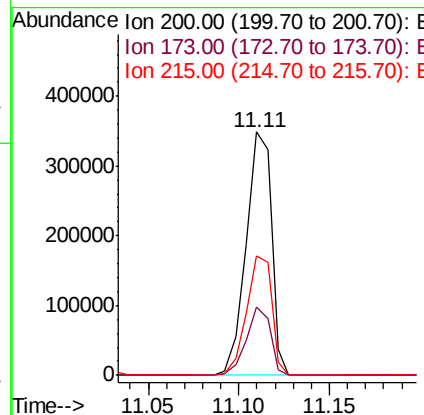
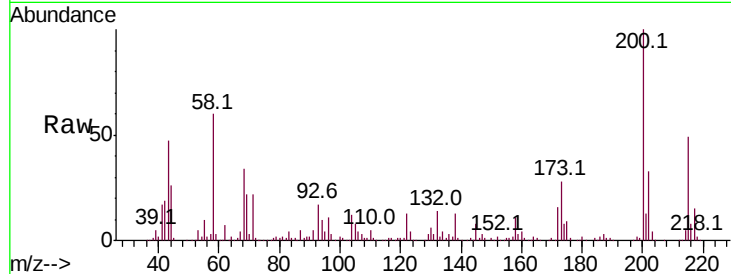
#69
Atrazine
Concen: 39.040 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	10.1	50.1
215	49.3	26.9	66.9

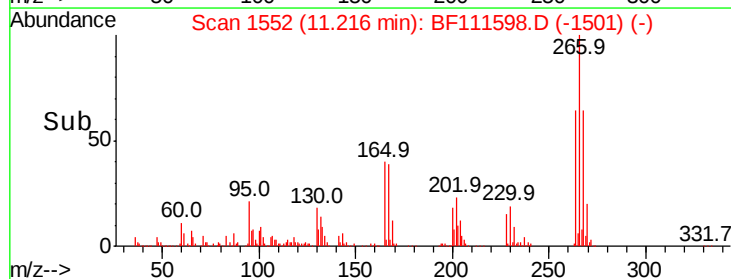
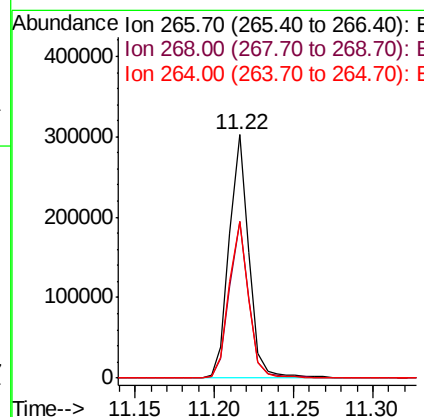
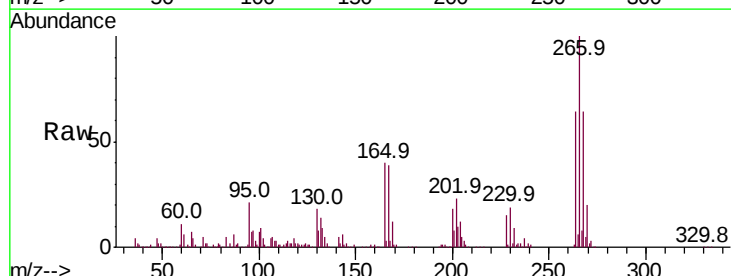
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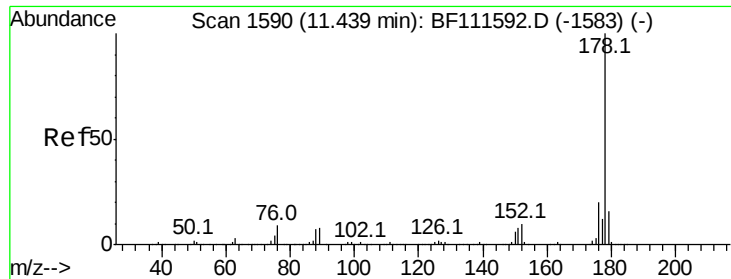
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#70
Pentachlorophenol
Concen: 41.111 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	47.9	71.9
264	64.2	49.1	73.7





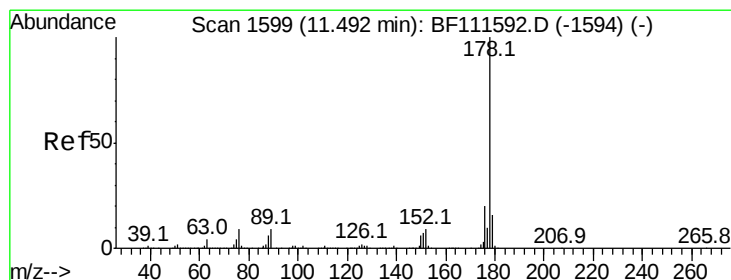
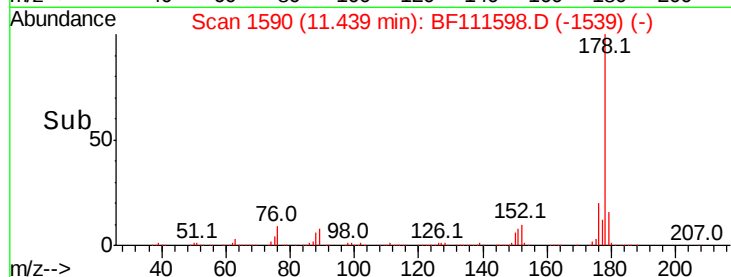
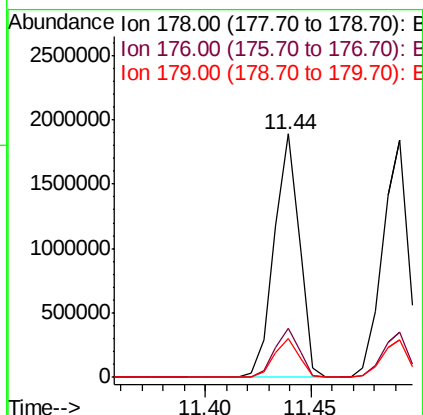
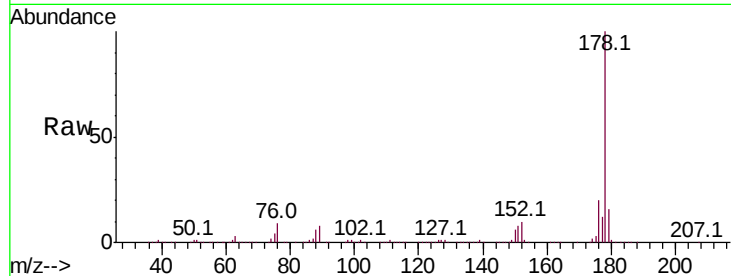
#71
 Phenanthrene
 Concen: 39.636 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	18.1	27.1
179	15.9	14.0	21.0

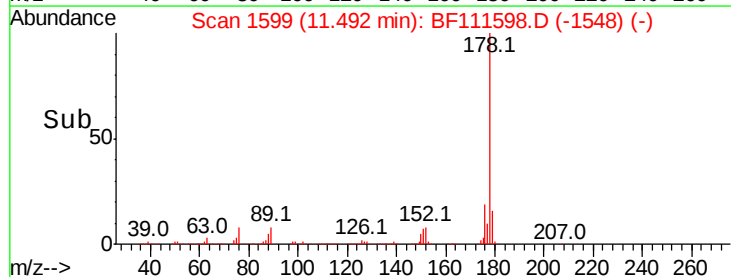
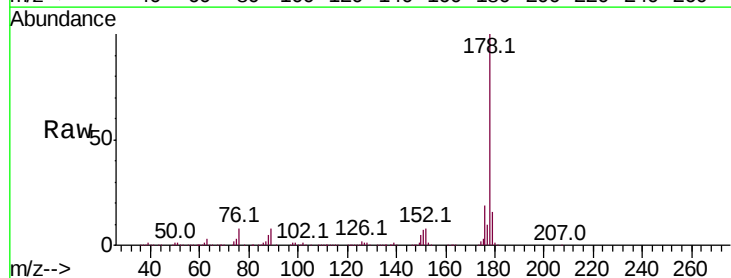
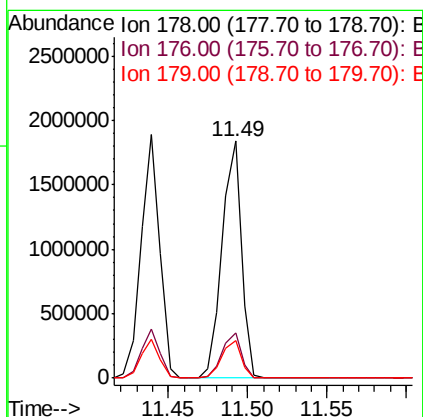
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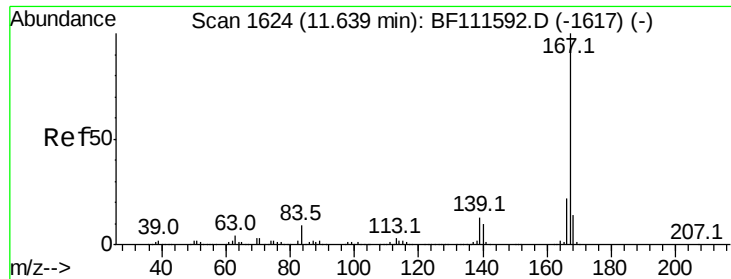
Sohil
 12/20/2018 12:41:58 PM



#72
 Anthracene
 Concen: 39.562 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	15.9	13.8	20.8





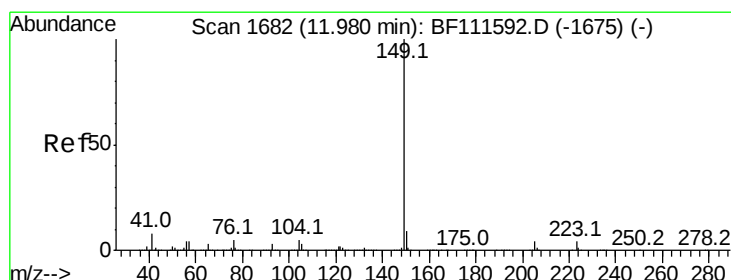
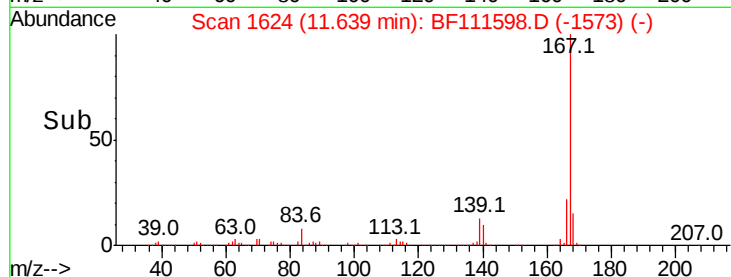
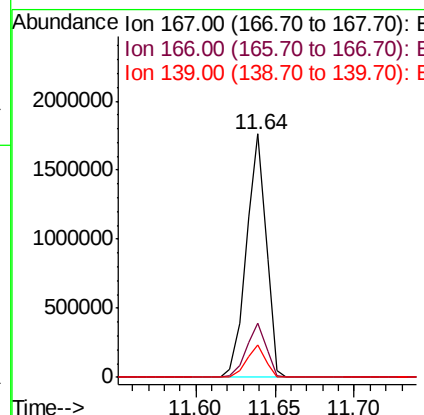
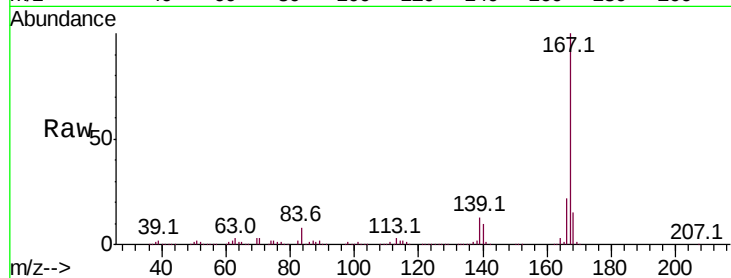
#73
 Carbazole
 Concen: 39.417 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.3	28.9
139	13.2	11.9	17.9

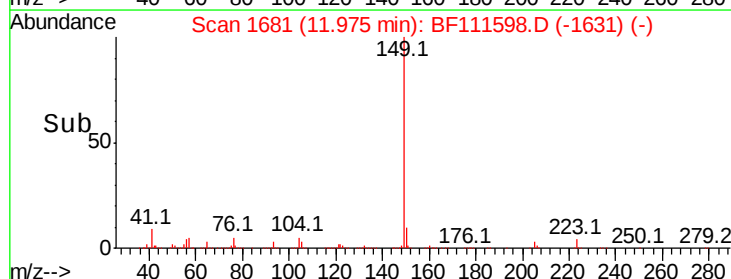
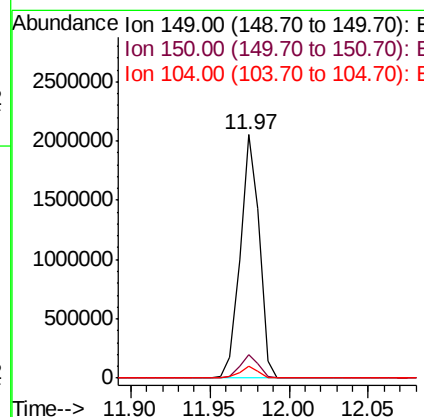
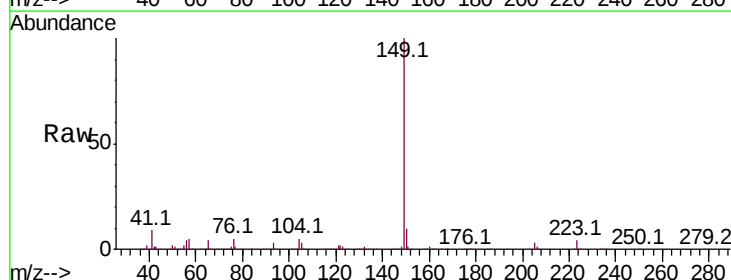
Manual Integrations
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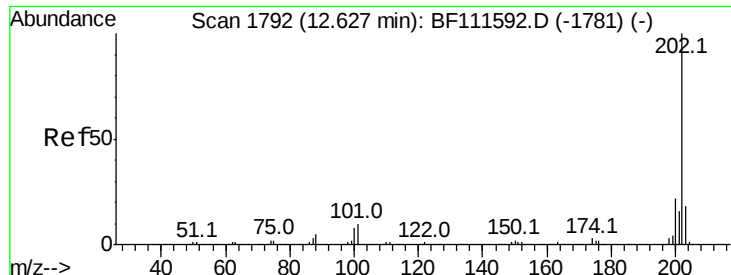
Sohil
 12/20/2018 12:41:58 PM



#74
 Di-n-butylphthalate
 Concen: 39.377 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	5.1	4.5	6.7





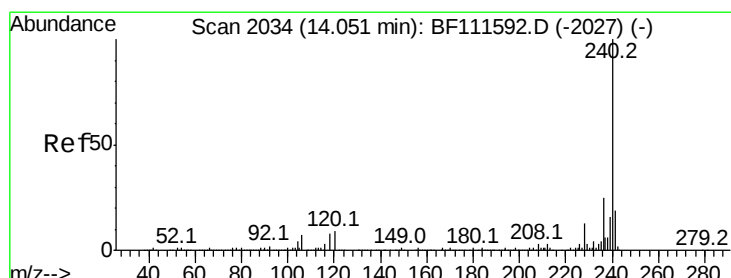
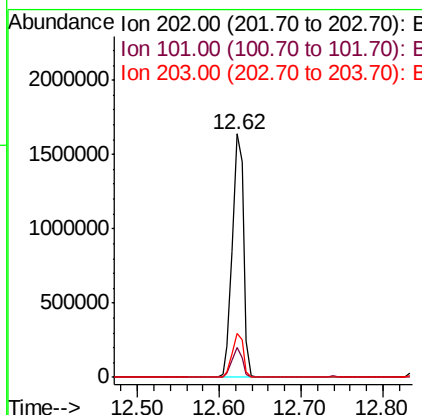
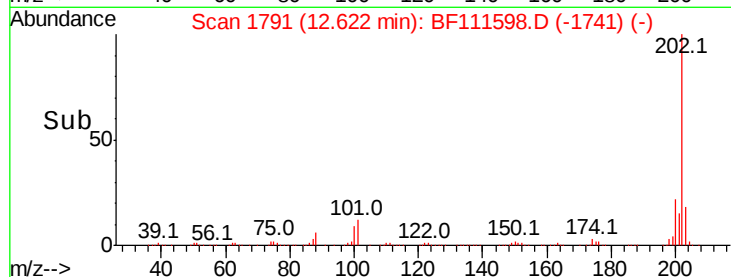
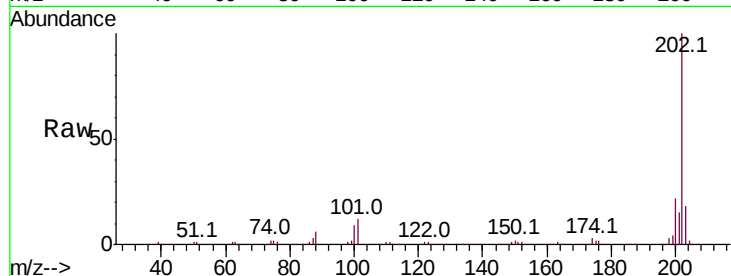
#75
 Fluoranthene
 Concen: 39.266 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1569975		
101	12.1		0.0	33.8
203	18.1		0.0	38.6

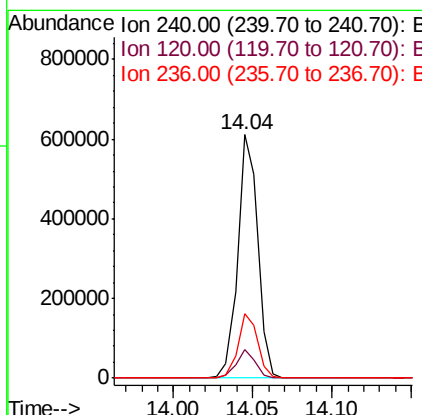
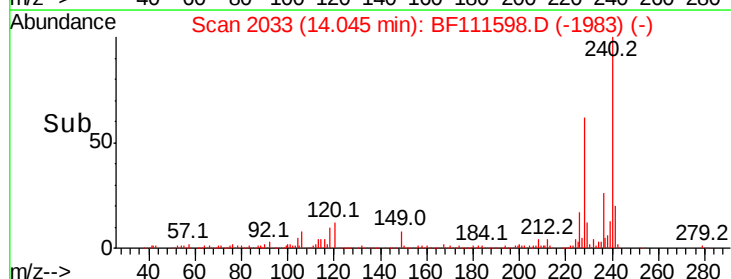
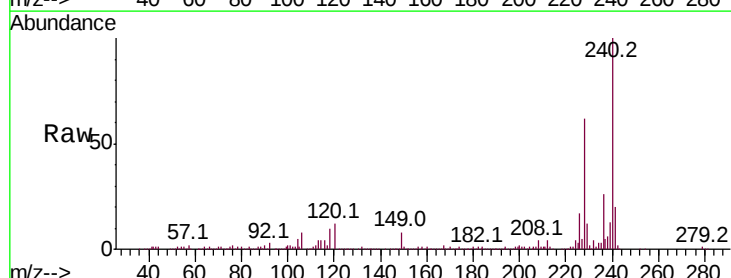
Manual Integrations
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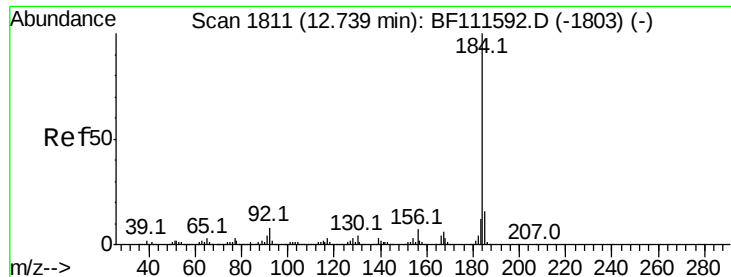
Sohil
 12/20/2018 12:41:58 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	534006		
120	11.5		12.2	18.2#
236	26.3		20.2	30.2





#77

Benzidine

Concen: 41.069 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

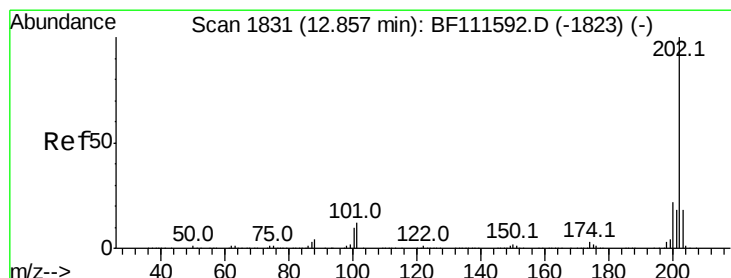
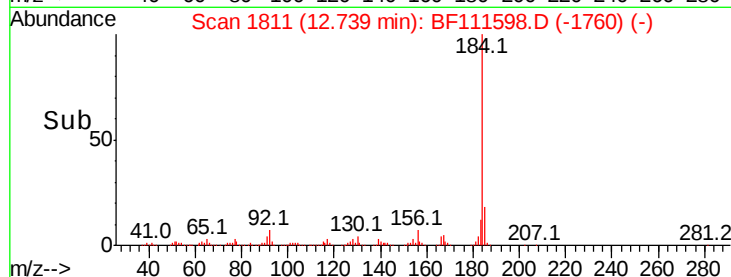
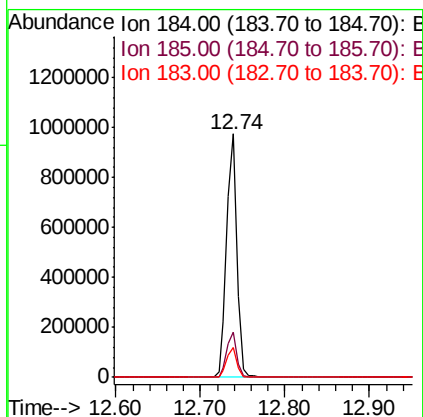
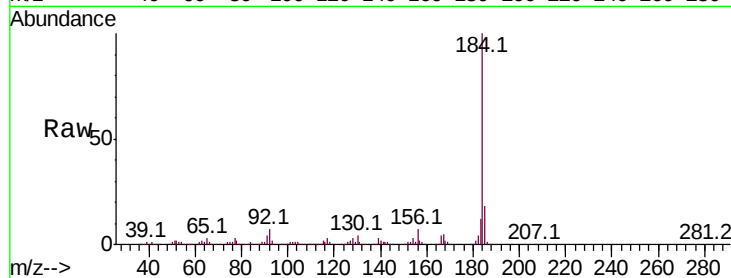
SSTDCCC040

Tot Ion:184 Resp: 825262

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.0	19.6
183	12.0	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 42.108 ng

RT: 12.85 min Scan# 1830

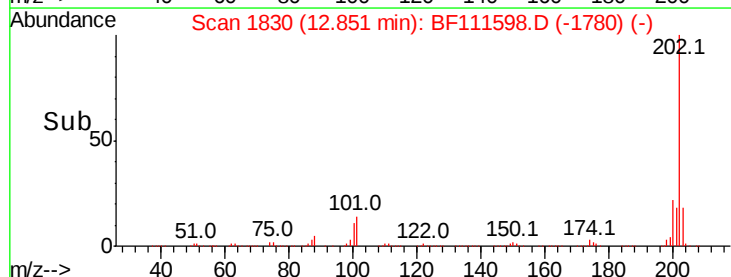
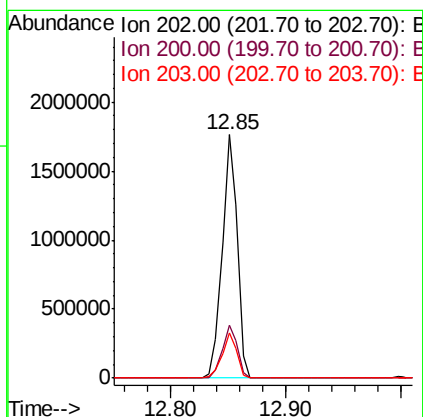
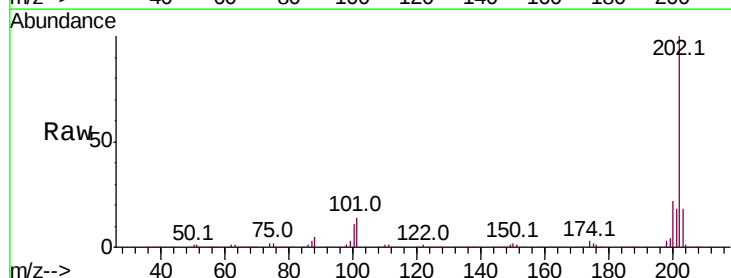
Delta R.T. -0.01 min

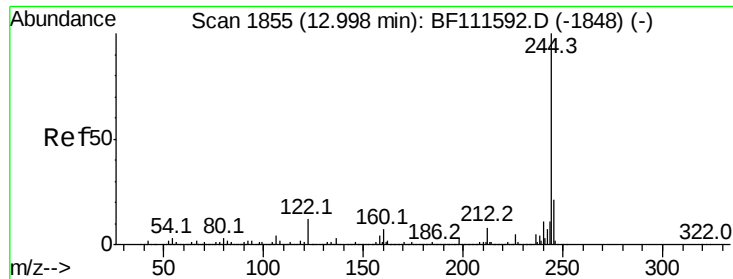
Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:202 Resp: 1587894

Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.0	28.4
203	18.5	15.2	22.8





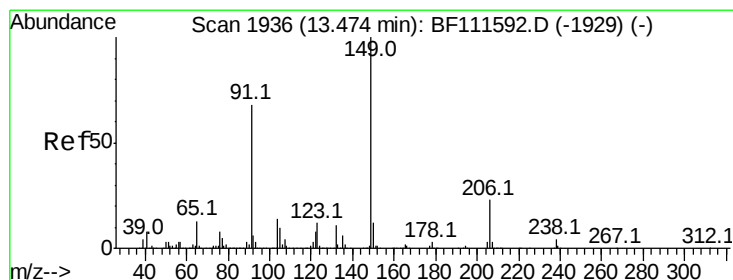
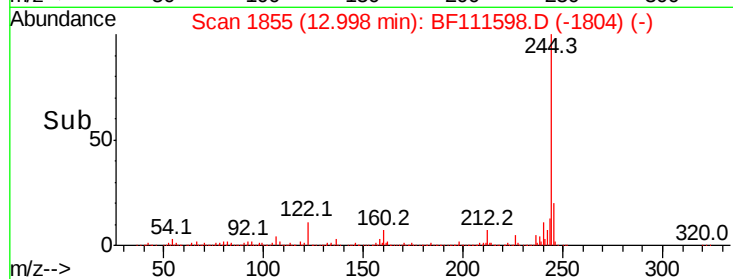
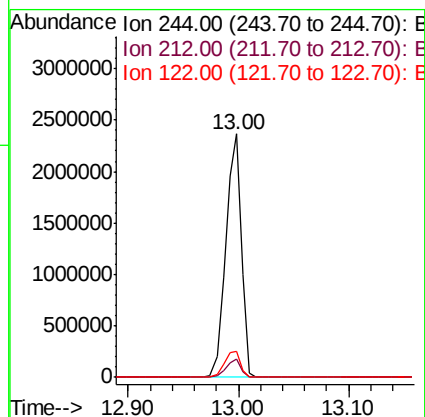
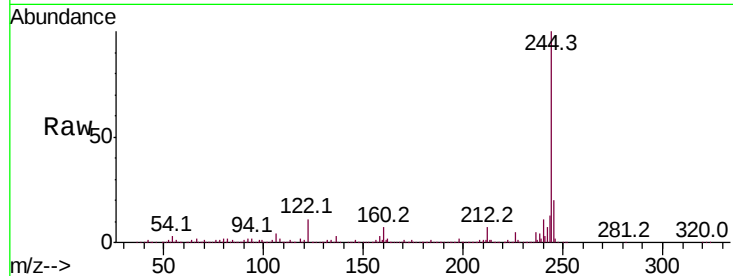
#79
 Terphenyl-d14
 Concen: 82.326 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.9	13.1	19.7

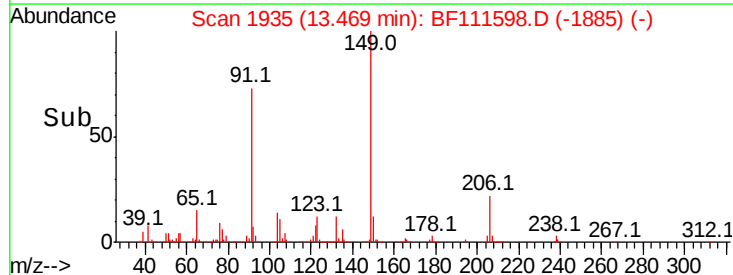
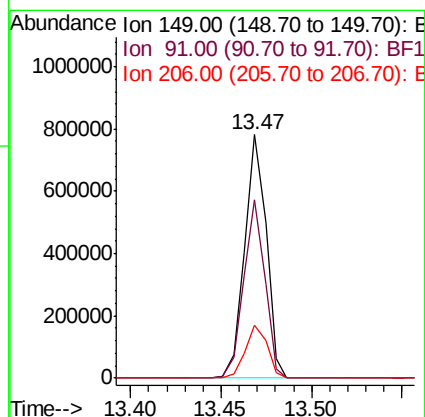
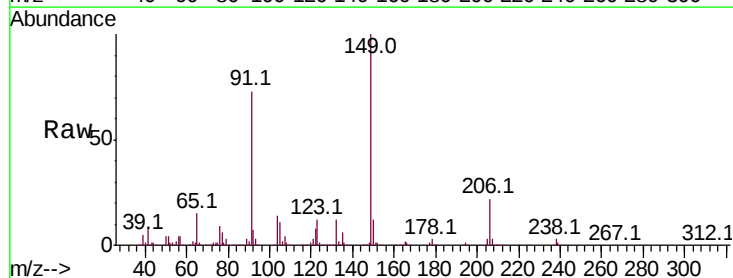
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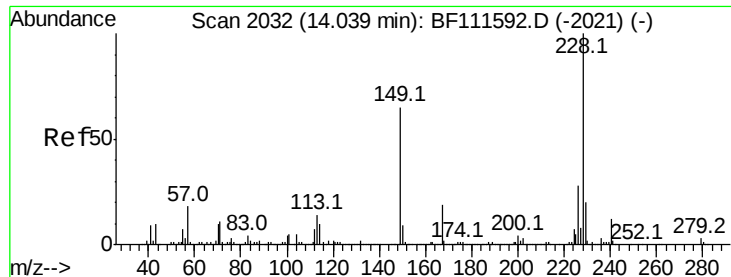
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#80
 Butylbenzylphthalate
 Concen: 42.018 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	63.8	95.6
206	21.7	15.1	22.7





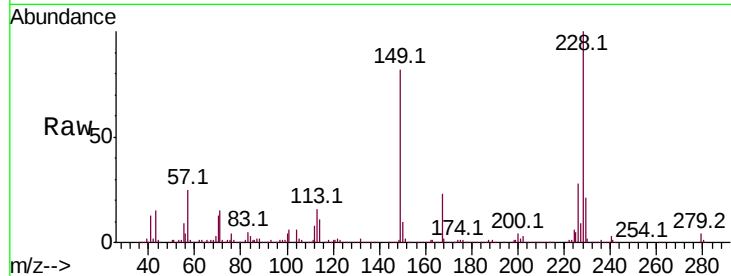
#81
Benzo(a)anthracene
Concen: 40.369 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.6	16.3	24.5

Manual Integrations
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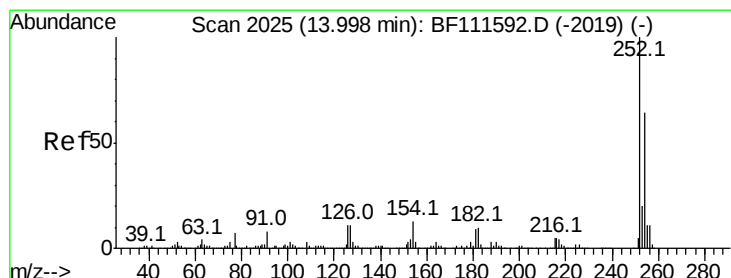
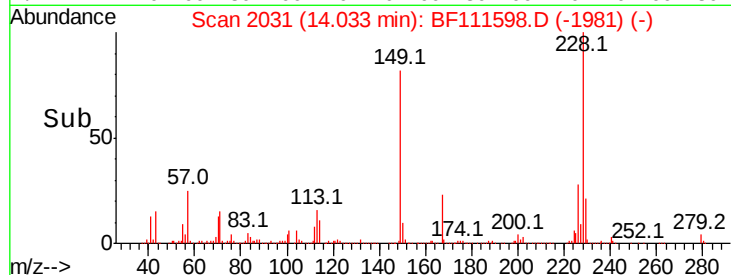
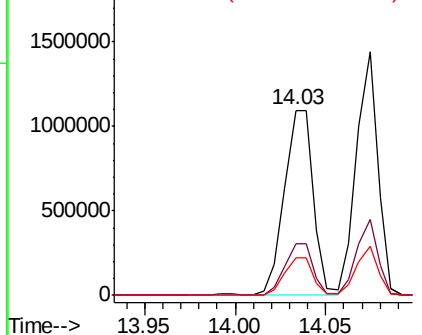


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 40.459 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

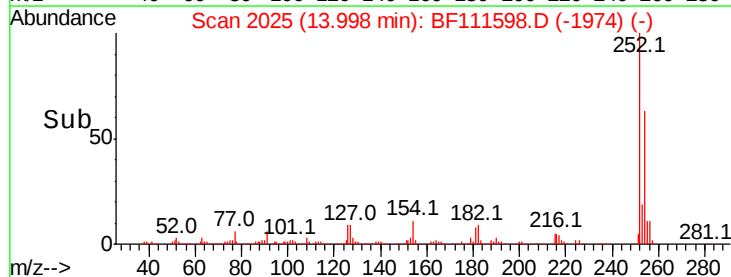
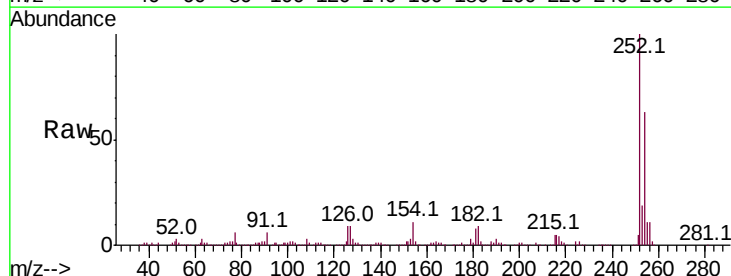
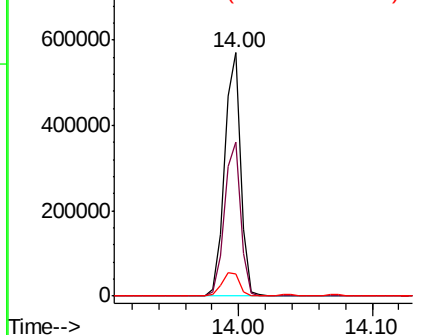
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.7	79.1
126	9.1	11.1	16.7#

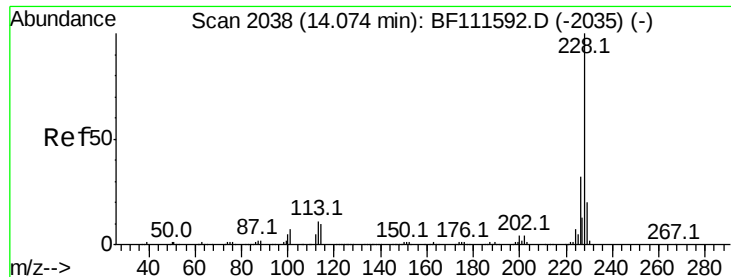
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





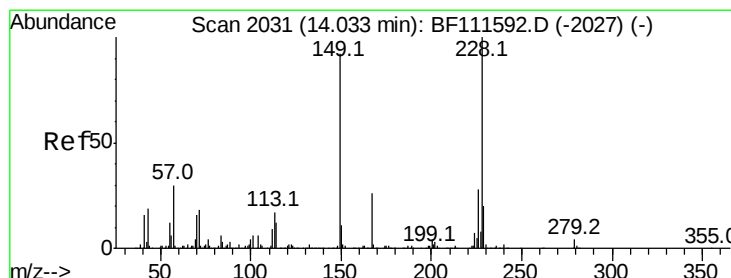
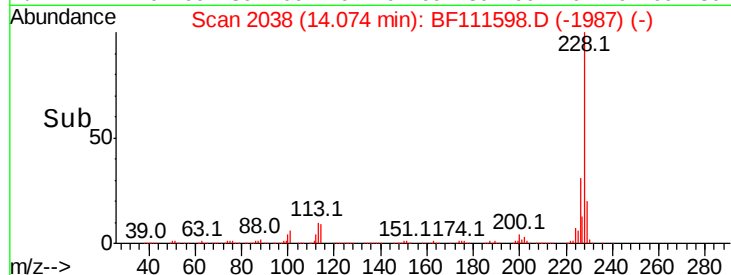
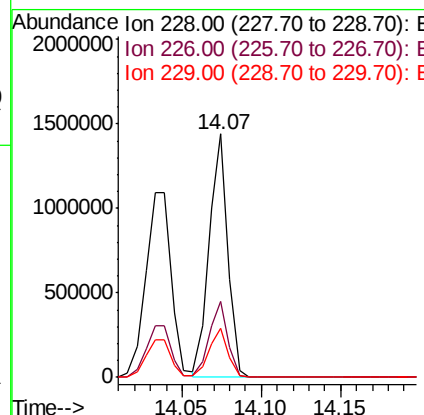
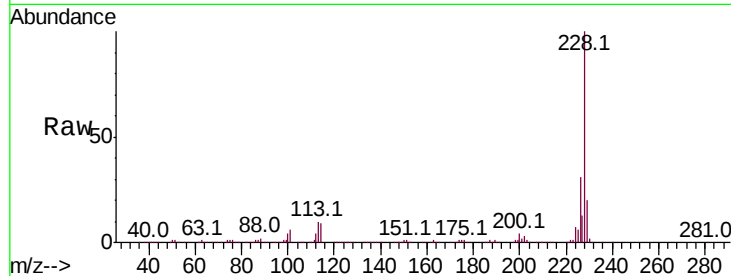
#83
 Chrysene
 Concen: 39.771 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	20.0	17.2	25.8

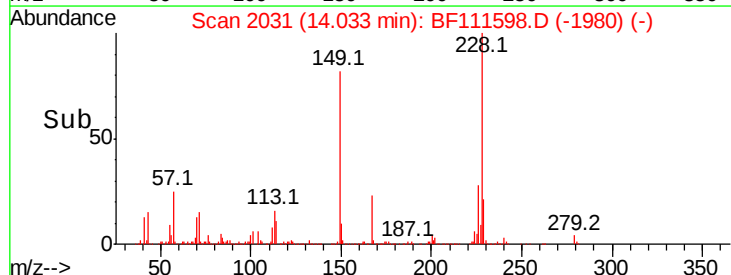
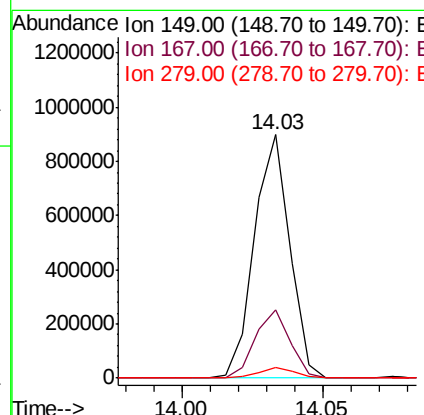
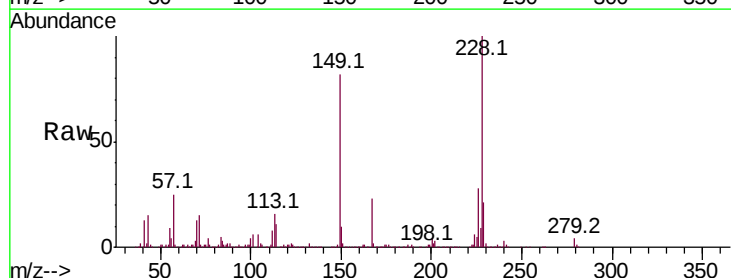
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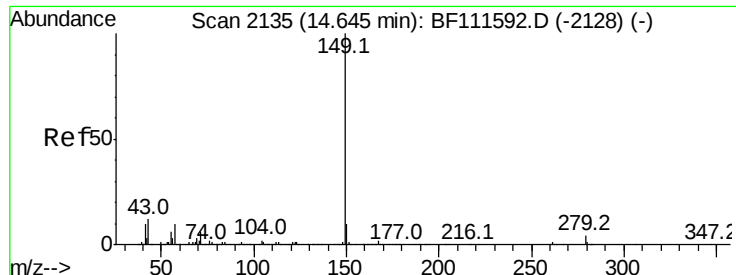
Sohil
 12/20/2018 12:41:58 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.301 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111598.D
 Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	4.6	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 38.633 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1158962

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

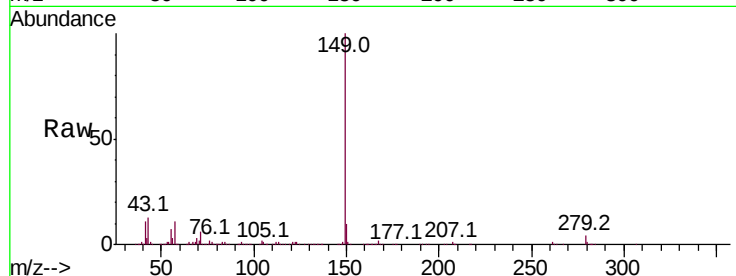
43 12.0 10.9 16.3

Manual Integrations

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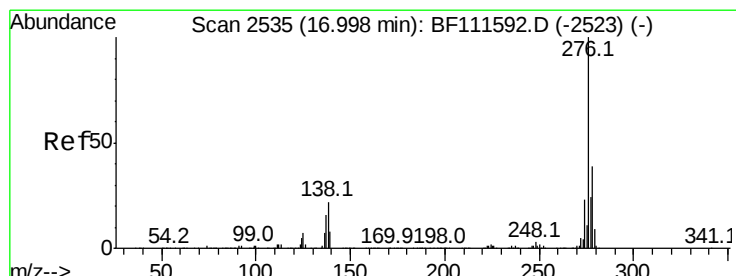
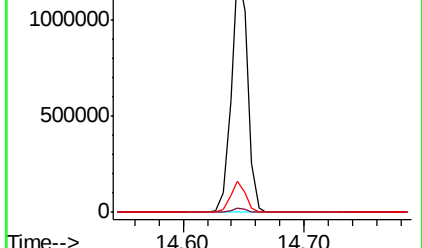
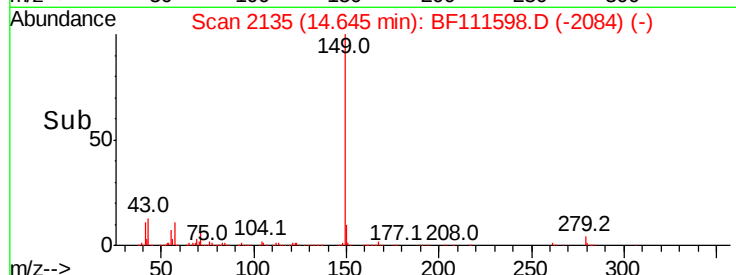
12/20/2018 12:41:58 PM



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: 41.081 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

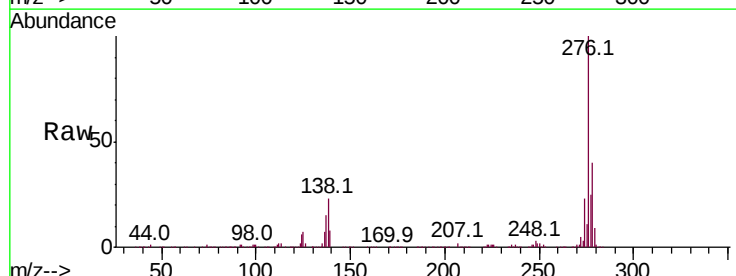
Tgt Ion:276 Resp: 1046035

Ion Ratio Lower Upper

276 100

138 24.8 27.8 41.6#

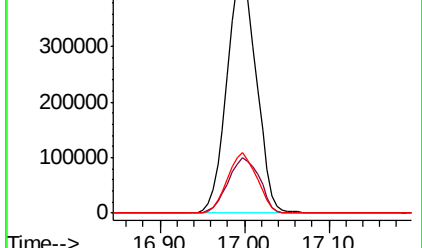
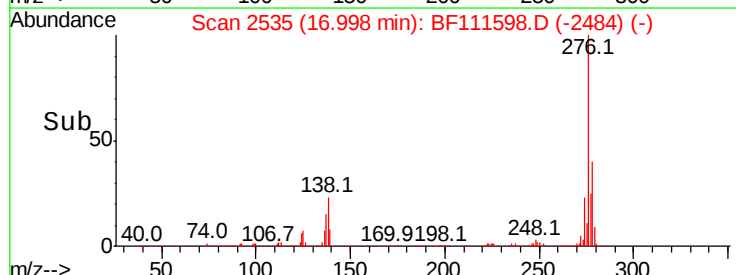
277 25.1 20.1 30.1

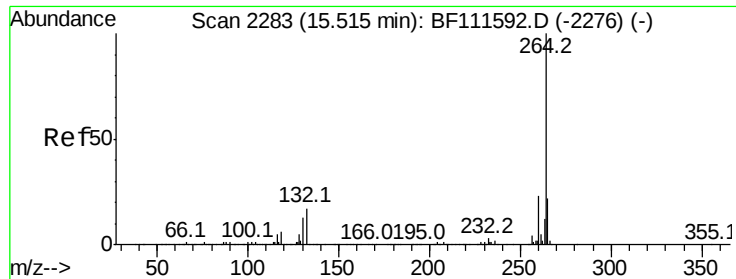


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111598.D

Acq: 19 Dec 2018 18:54

Instrument :

BNA_F

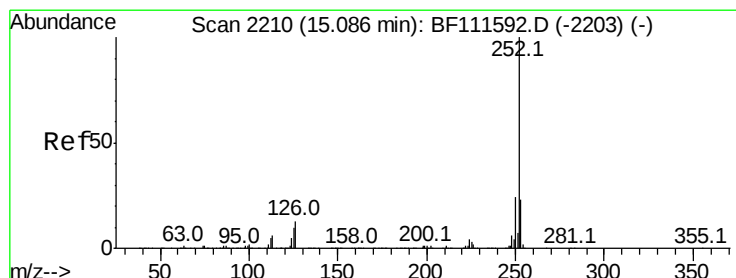
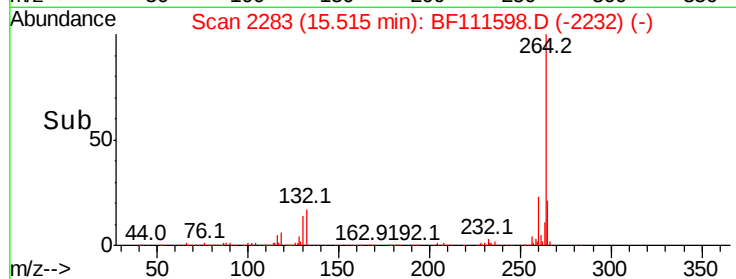
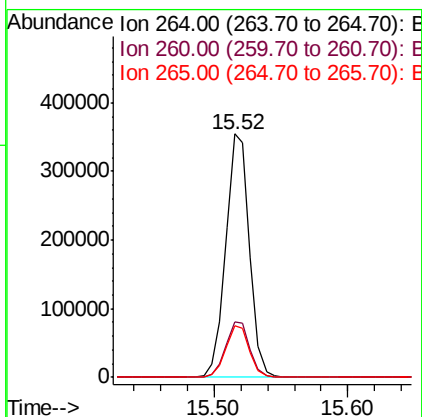
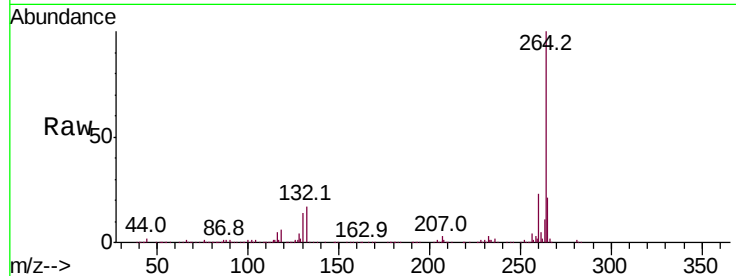
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	442456
Ion Ratio		Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.4	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 40.470 ng

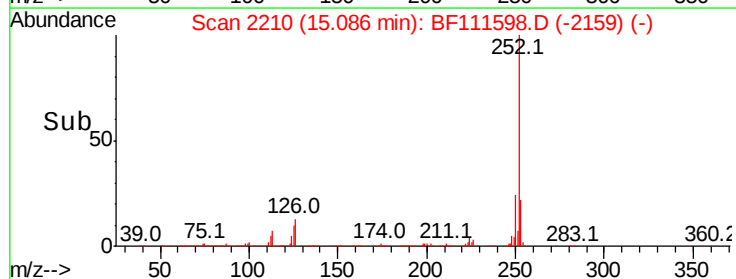
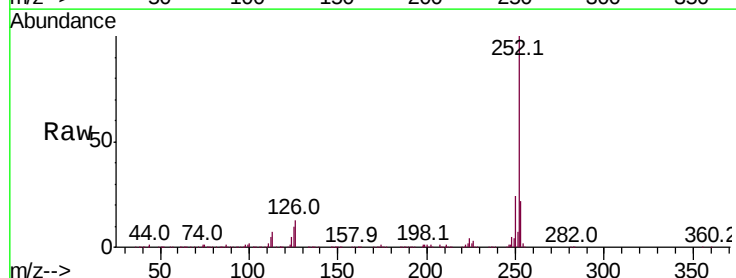
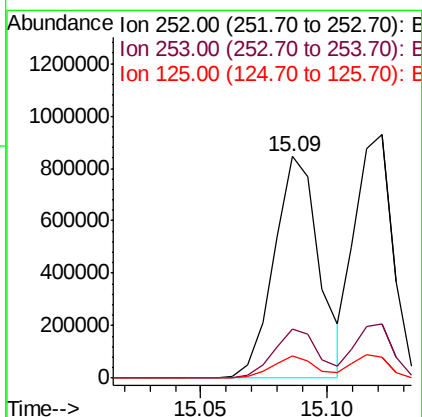
RT: 15.09 min Scan# 2210

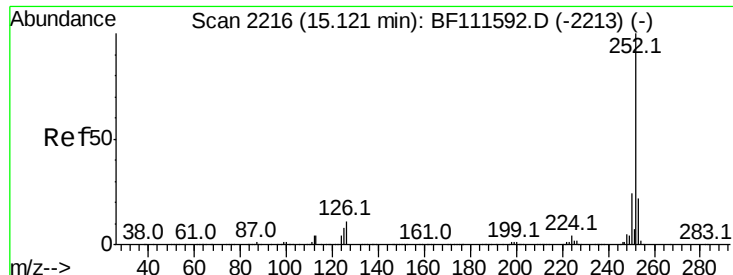
Delta R.T. -0.00 min

Lab File: BF111598.D

Acq: 19 Dec 2018 18:54

Tgt Ion:	252	Resp:	1046510
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.1	10.4	15.6#





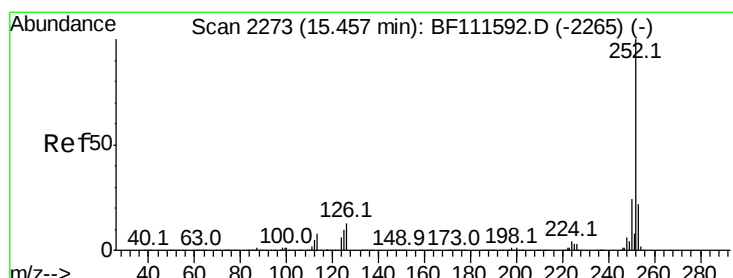
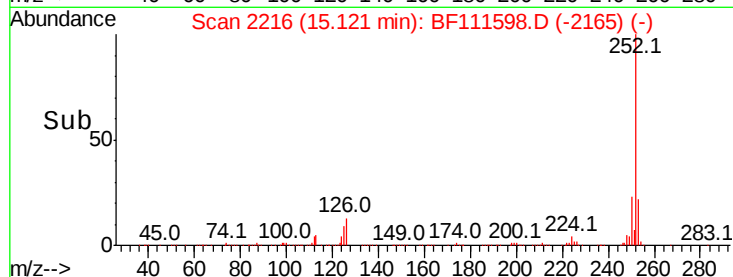
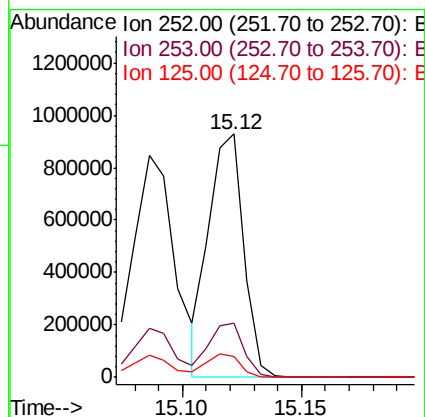
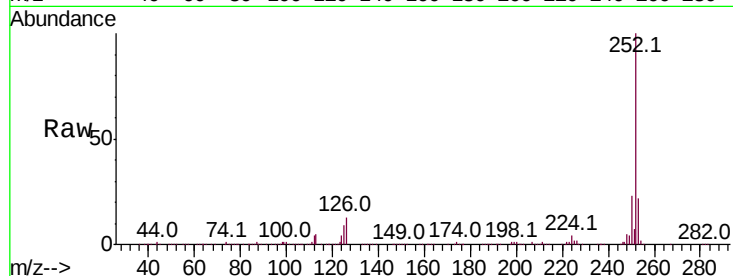
#89
Benzo(k)fluoranthene
Concen: 39.311 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.6	9.8	14.8

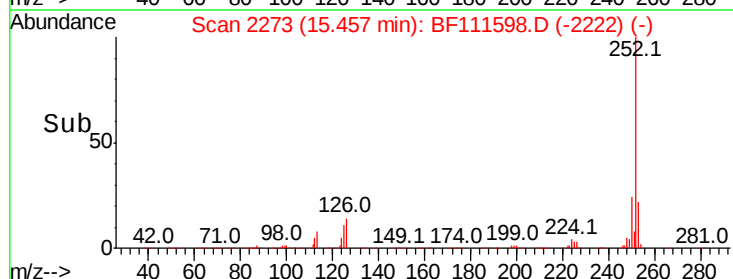
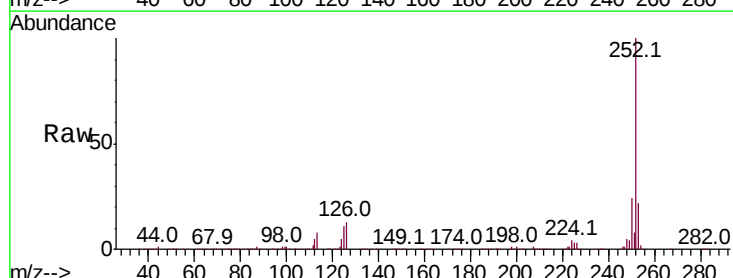
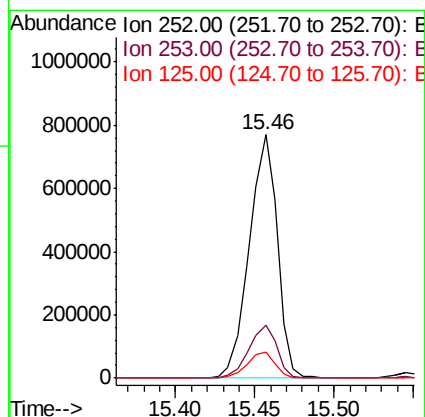
Manual Integrations
APPROVED

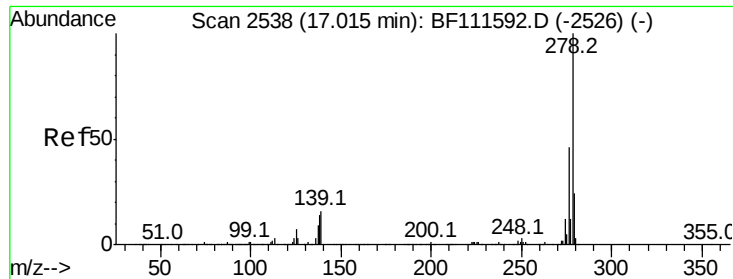
Sohil
12/20/2018 12:41:58 PM



#90
Benzo(a)pyrene
Concen: 40.255 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.5	12.3	18.5





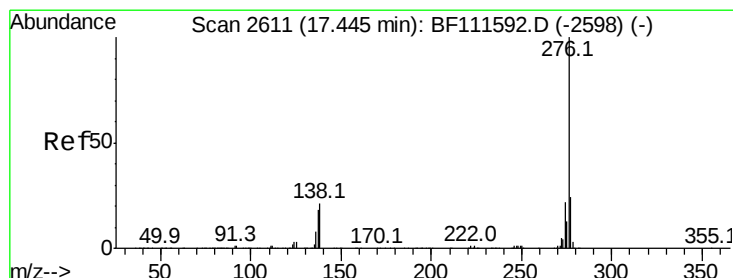
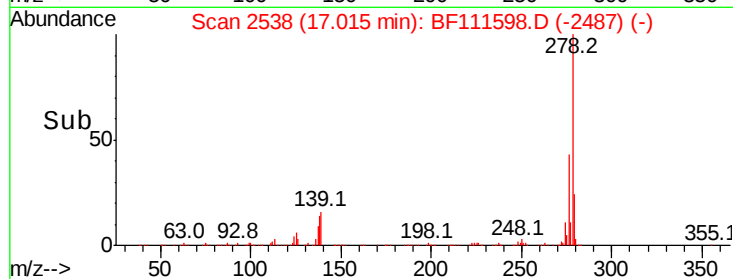
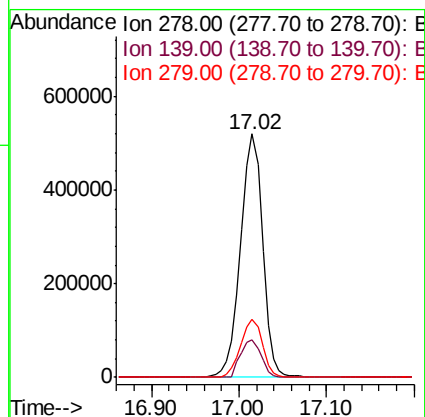
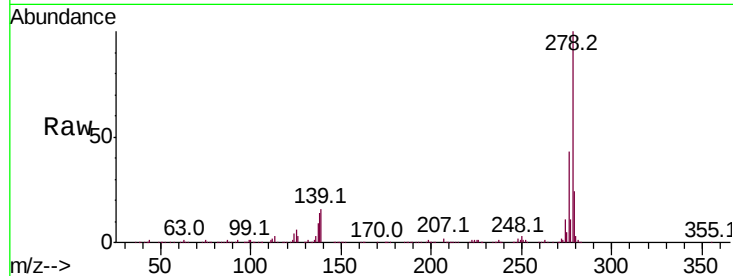
#91
Dibenzo(a,h)anthracene
Concen: 43.050 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	18.2	27.4#
279	23.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 12:41:58 PM



#92
Benzo(g,h,i)perylene
Concen: 43.269 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BF111598.D
Acq: 19 Dec 2018 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.8	24.9	37.3#

