

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111595.D
 Acq On : 19 Dec 2018 17:05
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 12/20/2018 12:41:53 PM

Quant Time: Dec 19 17:34:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	224001	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	771338	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382499	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	698398	20.00	ng	0.00
76) Chrysene-d12	14.05	240	442576	20.00	ng	0.00
87) Perylene-d12	15.52	264	407289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1836789	136.45	ng	0.00
7) Phenol-d6	6.53	99	2321568	129.66	ng	0.01
23) Nitrobenzene-d5	7.47	82	2132436	164.63	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	674551	196.87	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	3458451	139.66	ng	0.00
79) Terphenyl-d14	13.00	244	3497593	185.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	454565	69.918	ng	97
3) Pyridine	3.46	79	1188518	72.788	ng	97
4) n-Nitrosodimethylamine	3.42	42	591857	79.799	ng	85
6) Aniline	6.57	93	1542781	69.461	ng	100
8) 2-Chlorophenol	6.69	128	1020292	63.435	ng	97
9) Benzaldehyde	6.45	77	776016	71.453	ng	97
10) Phenol	6.55	94	1327014	66.529	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	1007686	64.445	ng	95
12) 1,3-Dichlorobenzene	6.85	146	1186171	66.996	ng	99
13) 1,4-Dichlorobenzene	6.92	146	1191310	66.291	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1092106	64.597	ng	99
15) Benzyl Alcohol	7.04	79	951881	69.866	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1813790	59.410	ng	99
17) 2-Methylphenol	7.15	107	841227	64.989	ng	96
18) Hexachloroethane	7.42	117	423728	63.357	ng	# 89
19) n-Nitroso-di-n-propylamine	7.33	70	782768	66.262	ng	99
20) 3+4-Methylphenols	7.31	107	989499	60.941	ng	94
22) Acetophenone	7.32	105	1416384	82.258	ng	# 88
24) Nitrobenzene	7.49	77	1101442	83.357	ng	99
25) Isophorone	7.73	82	1817139	82.911	ng	98
26) 2-Nitrophenol	7.80	139	498838	72.796	ng	97
27) 2,4-Dimethylphenol	7.83	122	846389	85.199	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	1160352	76.691	ng	99
29) 2,4-Dichlorophenol	8.04	162	898212	84.698	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	991079	89.273	ng	98
31) Naphthalene	8.20	128	2659149	73.707	ng	99
32) Benzoic acid	7.97	122	643479m	74.957	ng	
33) 4-Chloroaniline	8.25	127	1169056	72.872	ng	100
34) Hexachlorobutadiene	8.33	225	608192	99.438	ng	99
35) Caprolactam	8.65	113	332879m	84.544	ng	
36) 4-Chloro-3-methylphenol	8.73	107	884759	75.795	ng	96
37) 2-Methylnaphthalene	8.90	142	1733360	71.003	ng	99
38) 1-Methylnaphthalene	8.99	142	1656932	70.255	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	898965	85.700	ng	98

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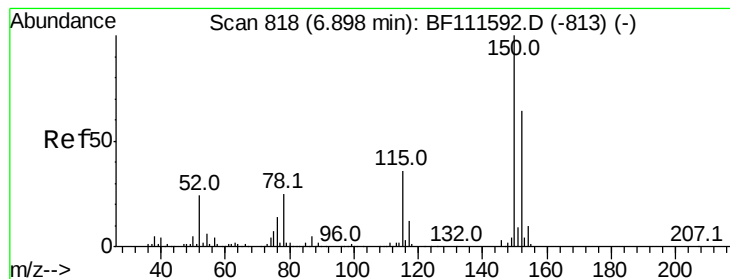
Manual Integrations
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 12/20/2018 12:41:53 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	488333	90.674	nq	97
43) 2,4,6-Trichlorophenol	9.17	196	642177	86.498	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	653417	82.709	nq	92
46) 1,1'-Biphenyl	9.36	154	2253146	69.521	nq	98
47) 2-Chloronaphthalene	9.39	162	1844039	74.854	nq	97
48) 2-Nitroaniline	9.47	65	559741	69.978	nq	99
49) Acenaphthylene	9.80	152	2701897	73.888	nq	97
50) Dimethylphthalate	9.66	163	2054700	74.589	nq	99
51) 2,6-Dinitrotoluene	9.72	165	468874	75.618	nq #	84
52) Acenaphthene	9.97	154	1674225	72.439	nq	99
53) 3-Nitroaniline	9.89	138	510133	67.735	nq	98
54) 2,4-Dinitrophenol	9.99	184	146949	62.293	nq #	89
55) Dibenzofuran	10.15	168	2481245	73.960	nq	98
56) 4-Nitrophenol	10.03	139	392857	75.375	nq	91
57) 2,4-Dinitrotoluene	10.12	165	576718	70.865	nq	97
58) Fluorene	10.49	166	1722701	70.795	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	550061	89.114	nq	91
60) Diethylphthalate	10.36	149	2006756	71.918	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	971161	81.574	nq	96
62) 4-Nitroaniline	10.50	138	471370	63.224	nq	88
63) Azobenzene	10.64	77	2006027	72.923	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	249422	63.260	nq	93
66) n-Nitrosodiphenylamine	10.60	169	1729962	71.830	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	655916	87.138	nq #	89
68) Hexachlorobenzene	11.03	284	726223	93.791	nq	98
69) Atrazine	11.12	200	590654	84.861	nq	98
70) Pentachlorophenol	11.22	266	488363	102.832	nq	96
71) Phenanthrene	11.44	178	2613612	72.626	nq	98
72) Anthracene	11.50	178	2602804	70.722	nq	99
73) Carbazole	11.64	167	2555112	67.137	nq	98
74) Di-n-butylphthalate	11.98	149	2803410	66.141	nq	98
75) Fluoranthene	12.63	202	2533756	71.969	nq	98
77) Benzidine	12.74	184	1198486	73.666	nq #	93
78) Pyrene	12.86	202	2549620	81.710	nq	99
80) Butylbenzylphthalate	13.47	149	1021014	67.131	nq	91
81) Benzo(a)anthracene	14.04	228	1846061	76.713	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	713172	72.900	nq #	98
83) Chrysene	14.08	228	1870747	73.795	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1178978	60.690	nq	99
85) Di-n-octyl phthalate	14.65	149	1877731	57.305	nq	96
86) Indeno(1,2,3-cd)pyrene	17.02	276	2012735	110.008	nq #	89
88) Benzo(b)fluoranthene	15.10	252	1727263m	72.741	nq	
89) Benzo(k)fluoranthene	15.13	252	1713670	75.528	nq	98
90) Benzo(a)pyrene	15.47	252	1682799	78.588	nq #	95
91) Dibenzo(a,h)anthracene	17.03	278	1665808	98.620	nq #	93
92) Benzo(g,h,i)perylene	17.47	276	1684196	101.579	nq #	89

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



#1

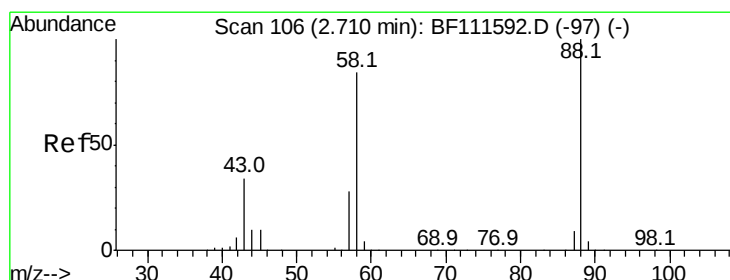
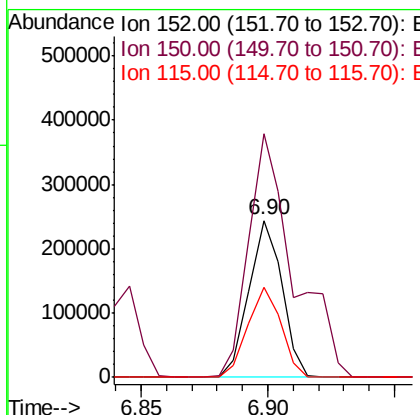
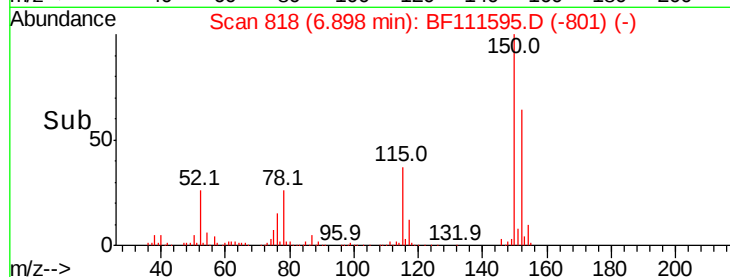
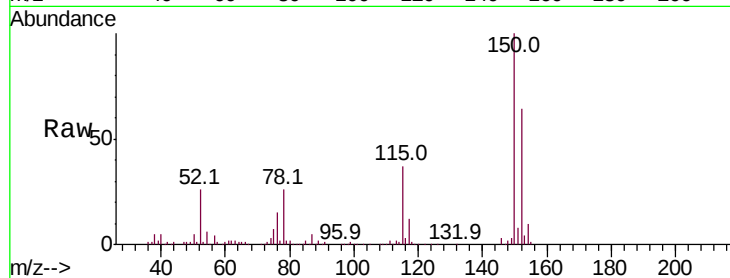
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	57.2	50.7	76.1

Manual Integrations
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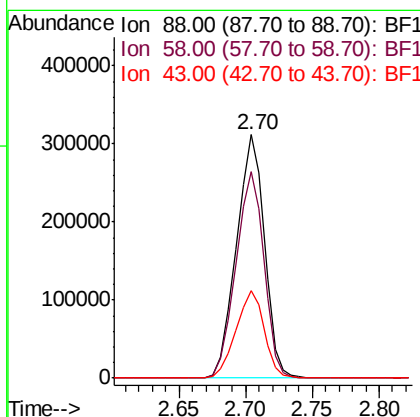
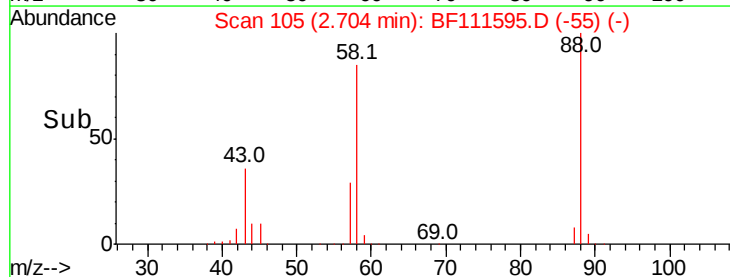
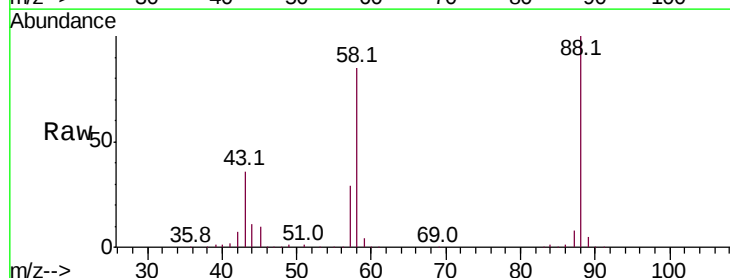
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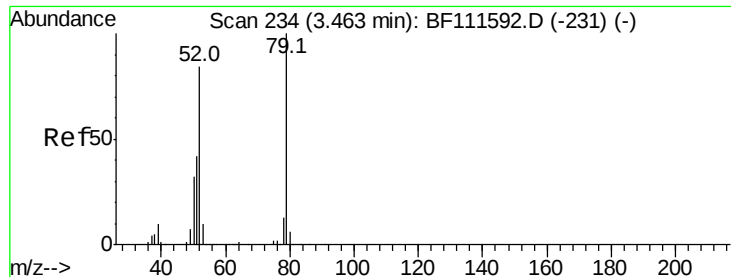


#2

1,4-Dioxane
Concen: 69.918 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.9	103.3
43	36.2	25.8	38.6





#3
 Pvridine
 Concen: 72.788 ng
 RT: 3.46 min Scan# 234
 Delta R.T. -0.00 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

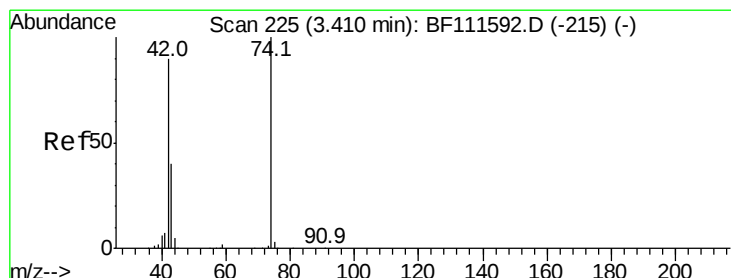
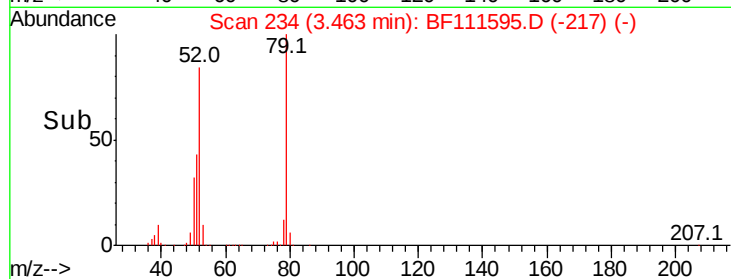
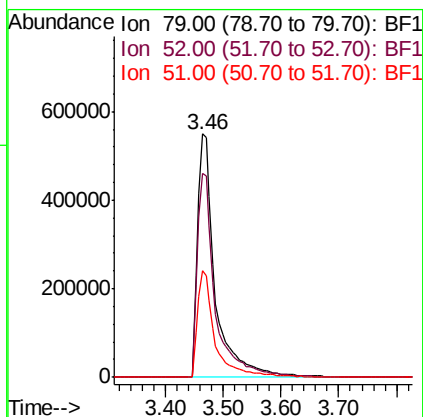
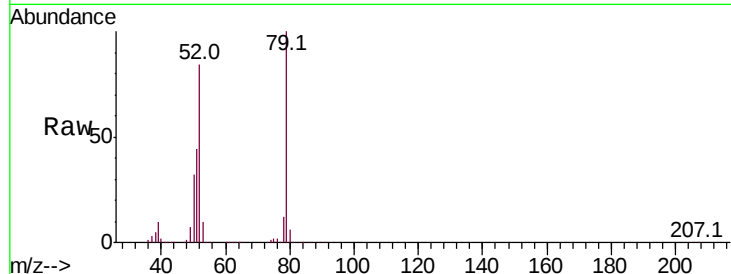
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 79 Resp: 1188518

Ion	Ratio	Lower	Upper
79	100		
52	83.6	68.3	102.5
51	43.6	32.6	49.0

Manual Integrations
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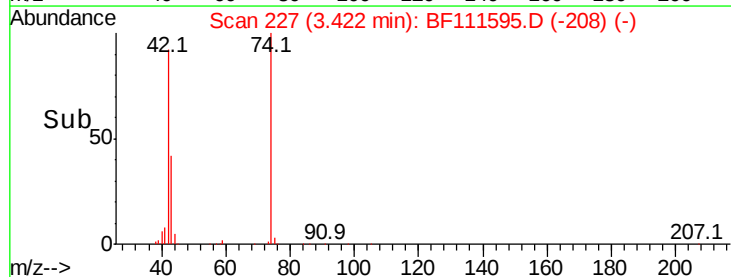
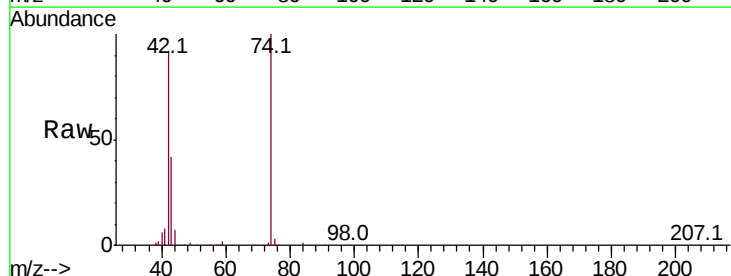
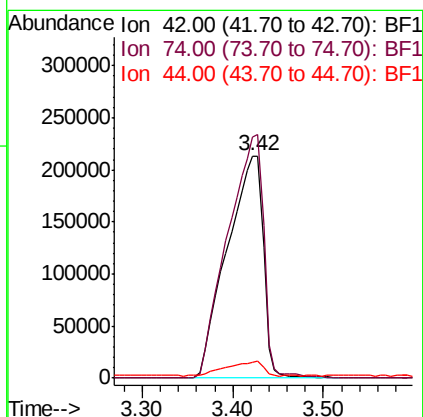
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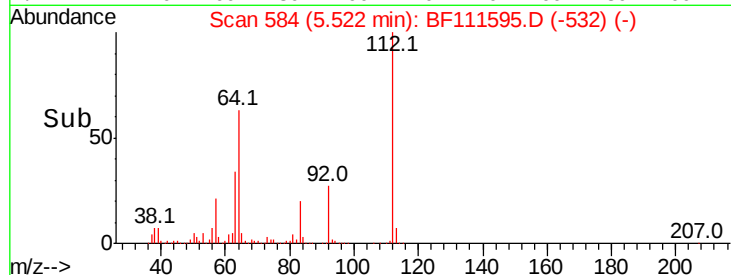
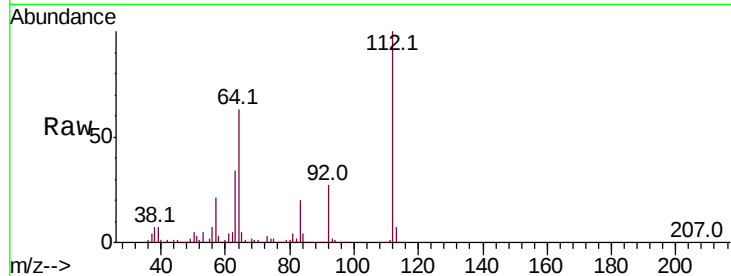
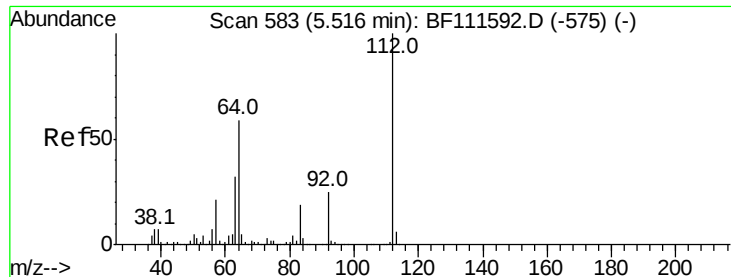


#4
 n-Nitrosodimethylamine
 Concen: 79.799 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion: 42 Resp: 591857

Ion	Ratio	Lower	Upper
42	100		
74	108.1	101.5	152.3
44	7.2	6.0	9.0





#5

2-Fluorophenol

Concen: 136.451 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tot Ion: 112 Resp: 1836789

Ion Ratio Lower Upper

112 100

64 62.7 51.8 77.6

63 33.8 26.8 40.2

Instrument :

BNA_F

ClientSampleId :

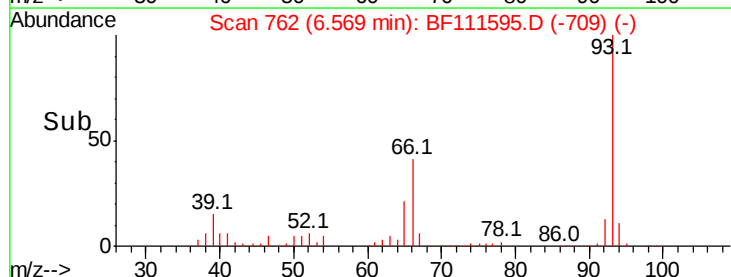
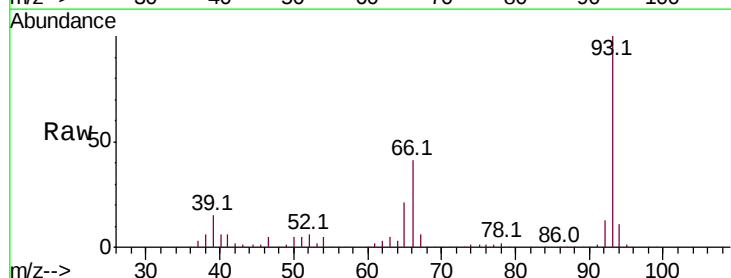
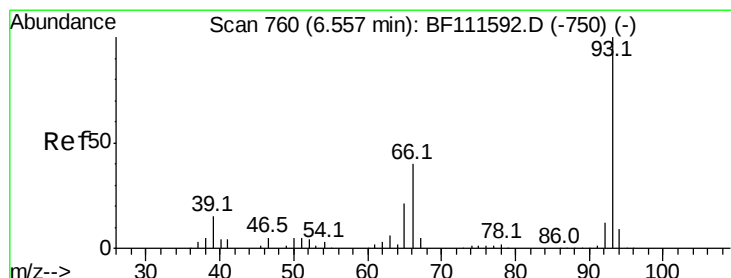
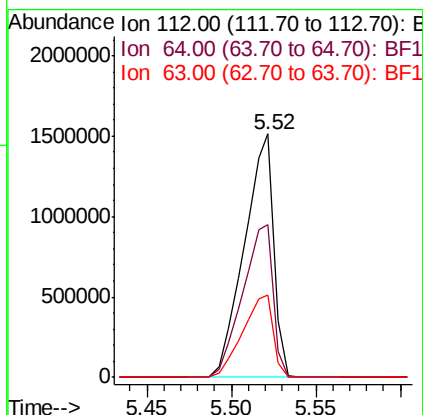
SSTDIC080

Manual Integrations

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#6

Aniline

Concen: 69.461 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

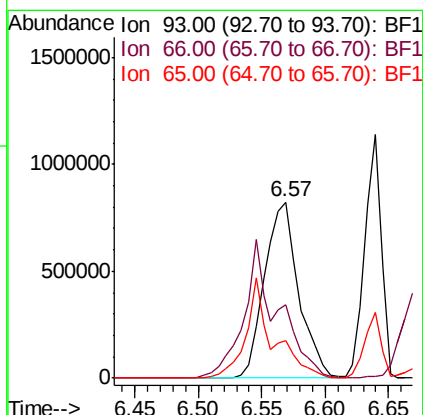
Tgt Ion: 93 Resp: 1542781

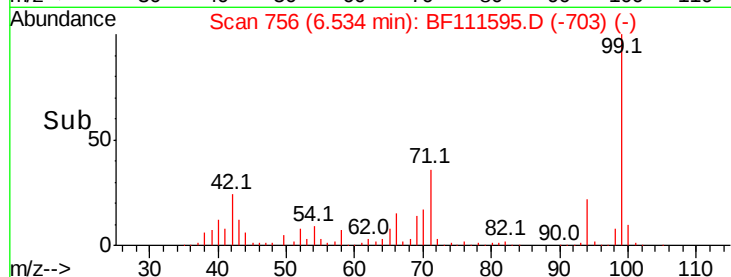
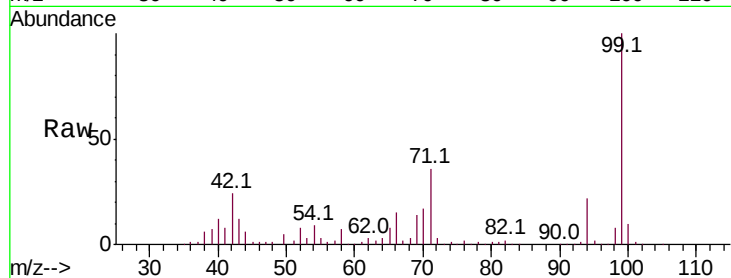
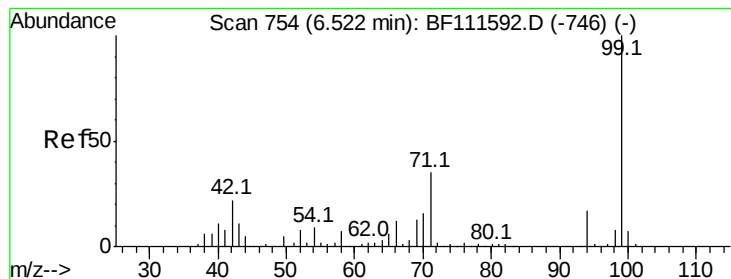
Ion Ratio Lower Upper

93 100

66 41.5 33.2 49.8

65 21.3 17.0 25.4





#7

Phenol-d6

Concen: 129.656 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tot Ion: 99 Resp: 2321568

Ion Ratio Lower Upper

99 100

42 23.8 17.4 26.0

71 36.2 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

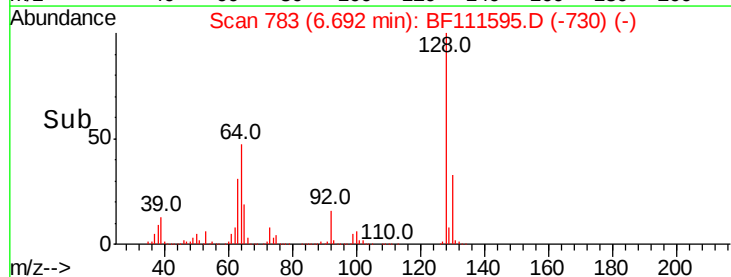
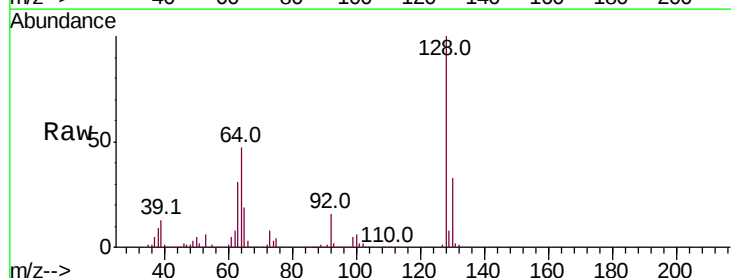
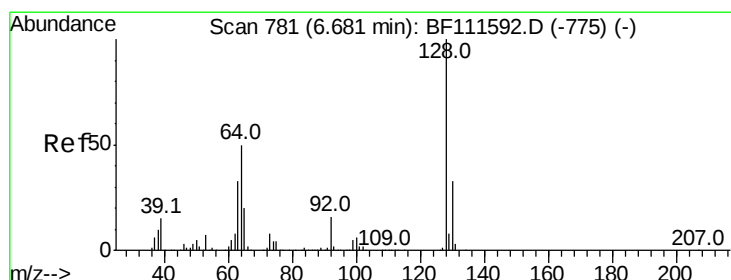
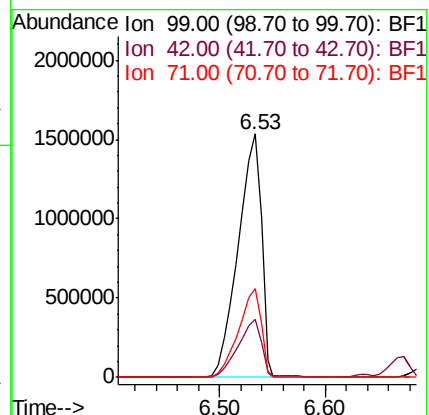
SSTDICC080

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#8

2-Chlorophenol

Concen: 63.435 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

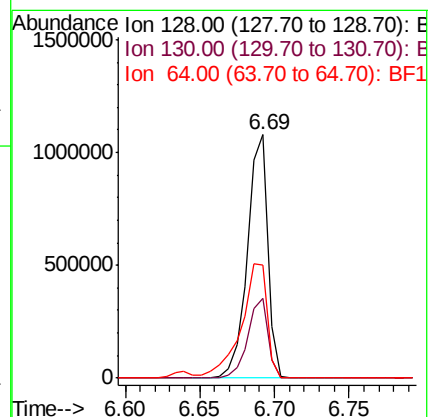
Tgt Ion:128 Resp: 1020292

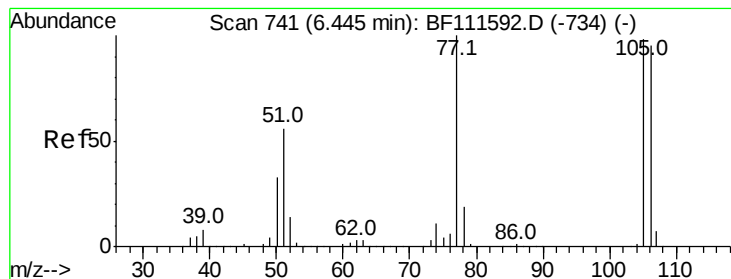
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 46.5 30.0 70.0





#9

Benzaldehyde

Concen: 71.453 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

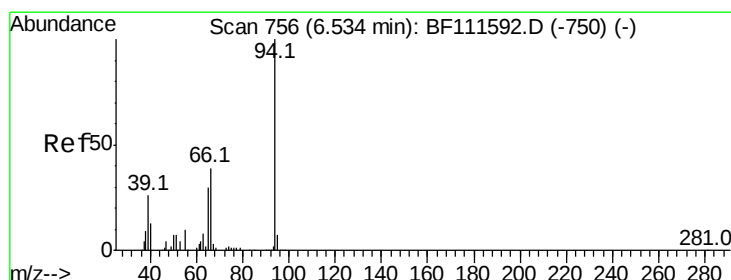
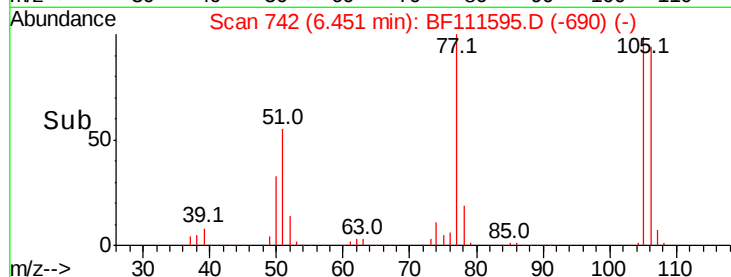
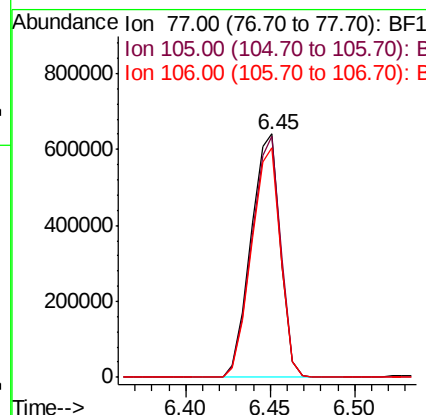
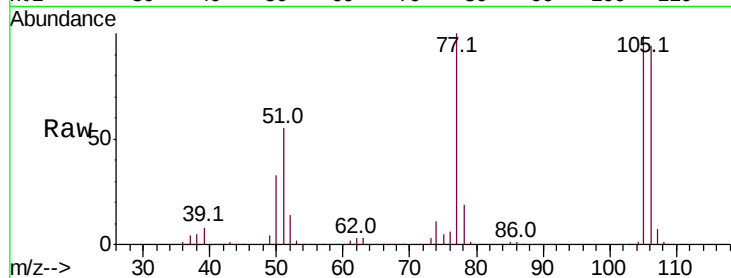
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.8	81.4	121.4
106	94.4	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 66.529 ng

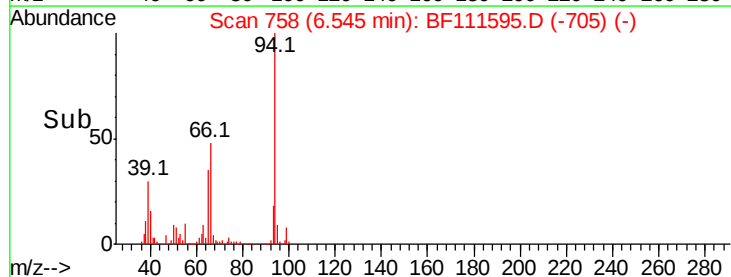
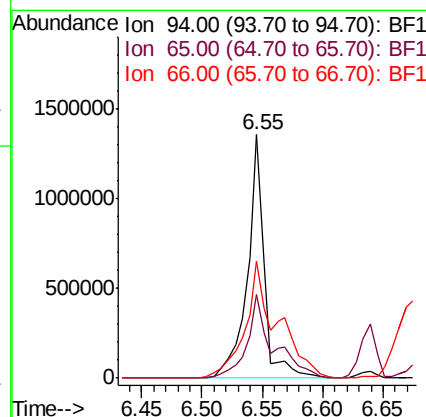
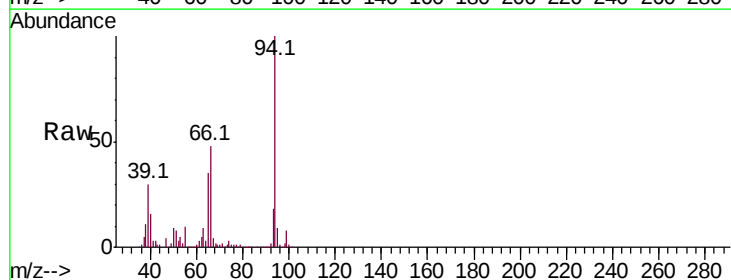
RT: 6.55 min Scan# 758

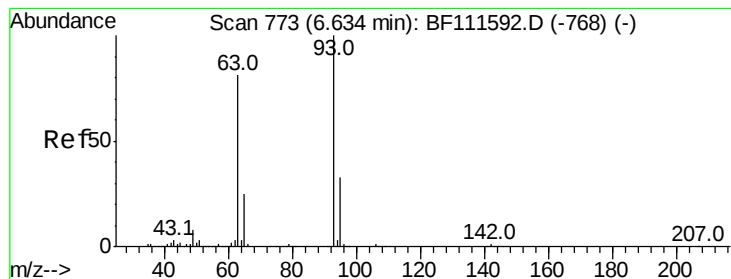
Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	11.7	51.7
66	47.9	21.0	61.0





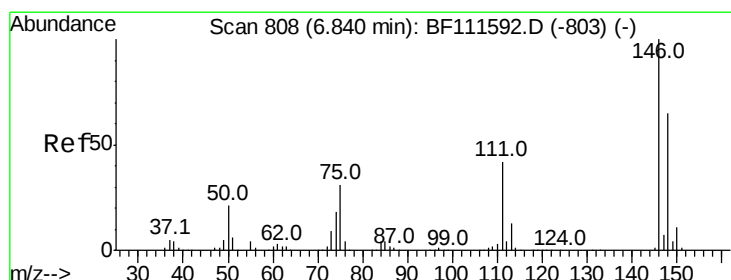
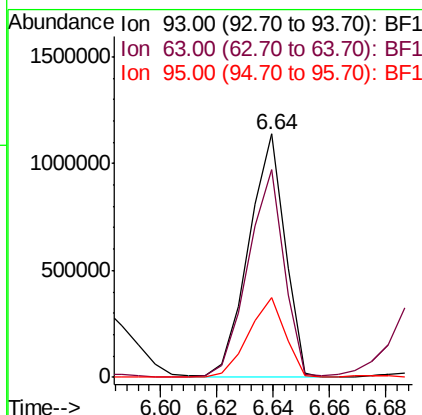
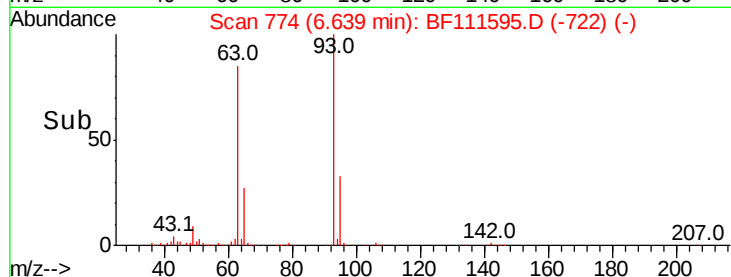
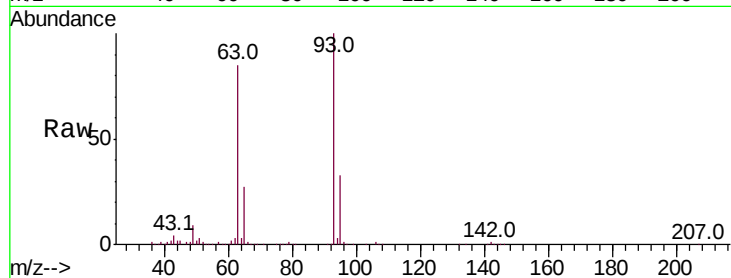
#11
bis(2-Chloroethyl)ether
Concen: 64.445 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 93 Resp: 1007686
Ion Ratio Lower Upper
93 100
63 85.5 60.0 100.0
95 32.8 13.4 53.4

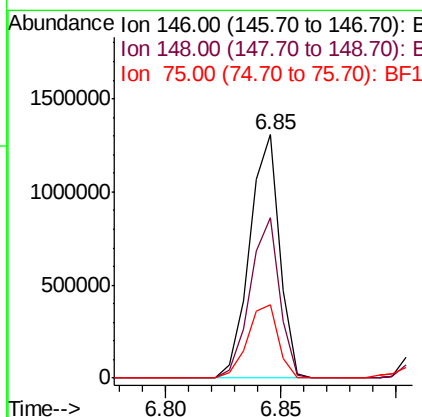
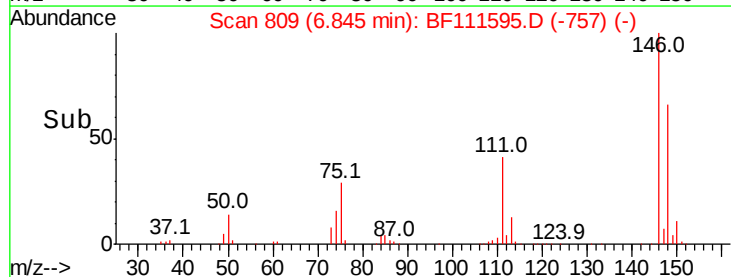
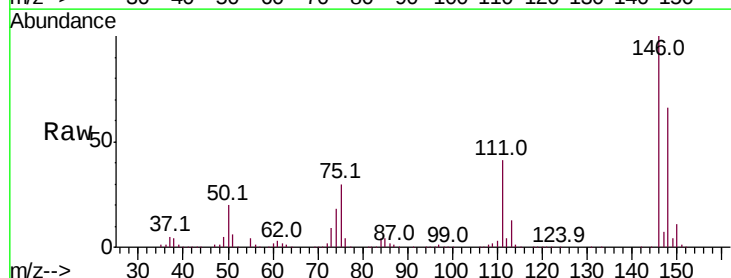
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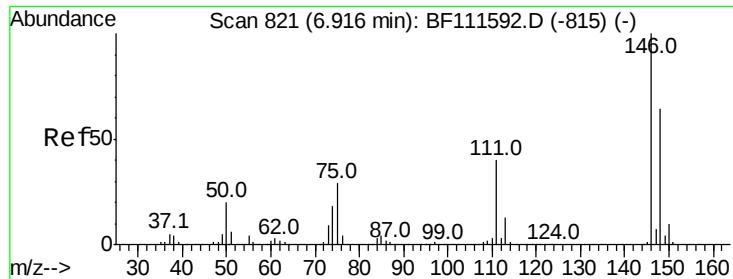
Sohil
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#12
1,3-Dichlorobenzene
Concen: 66.996 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion: 146 Resp: 1186171
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
75 30.1 23.9 35.9





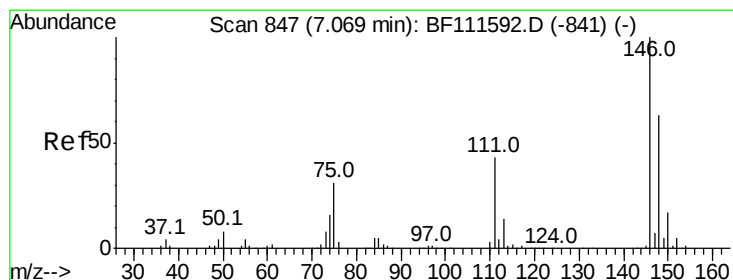
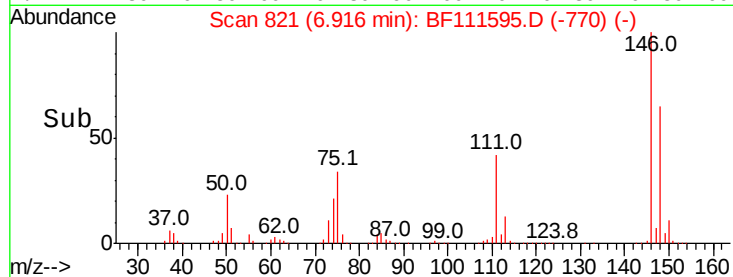
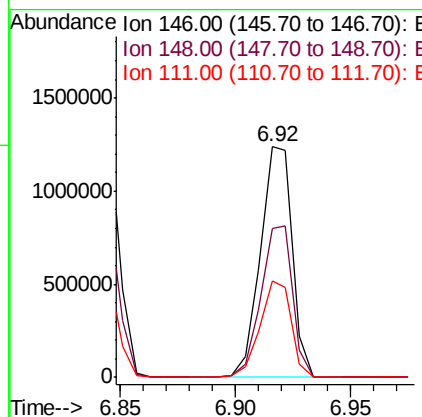
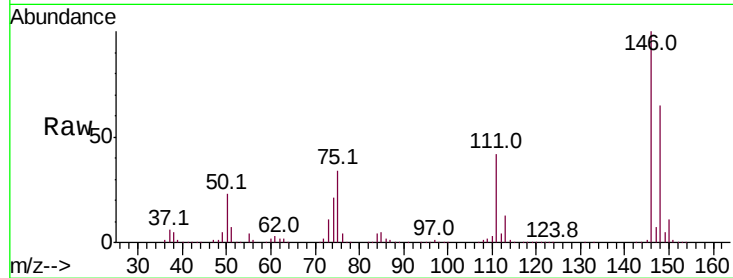
#13
1,4-Dichlorobenzene
Concen: 66.291 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:146 Resp: 1191310
Ion Ratio Lower Upper
146 100
148 64.8 52.8 79.2
111 42.1 33.4 50.0

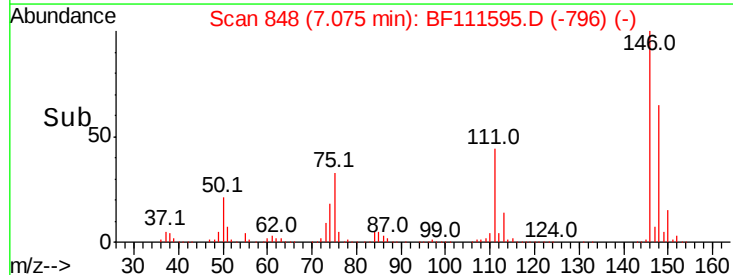
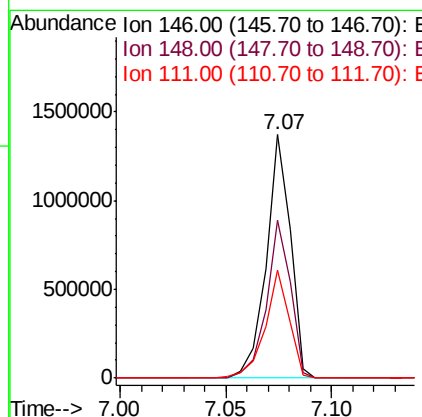
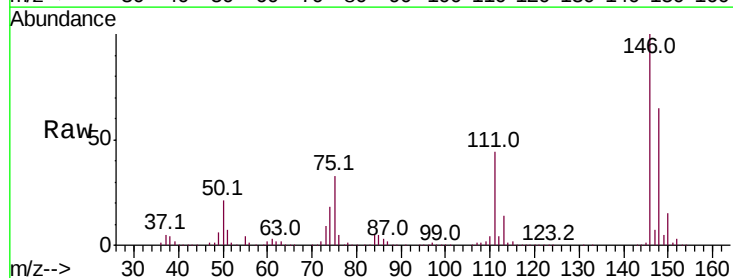
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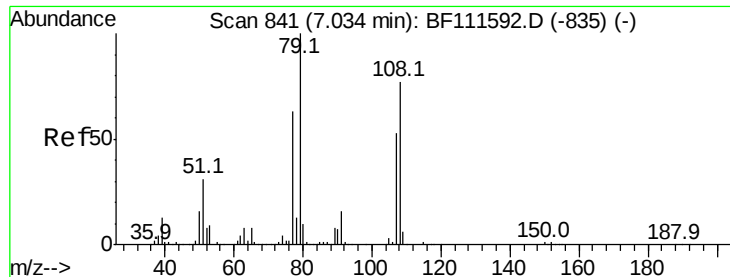
Sohil
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#14
1,2-Dichlorobenzene
Concen: 64.597 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion:146 Resp: 1092106
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 44.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 69.866 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

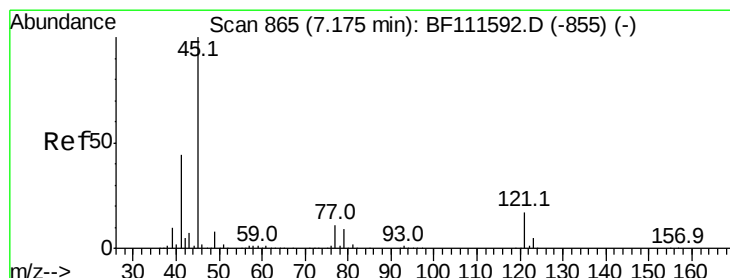
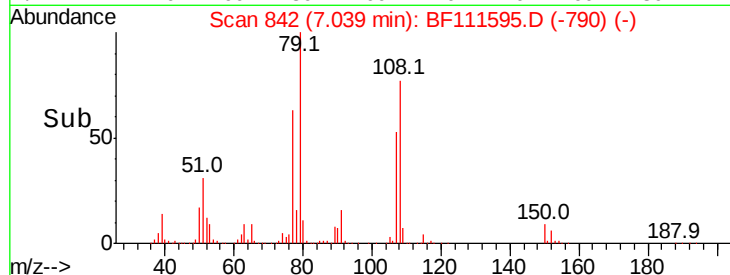
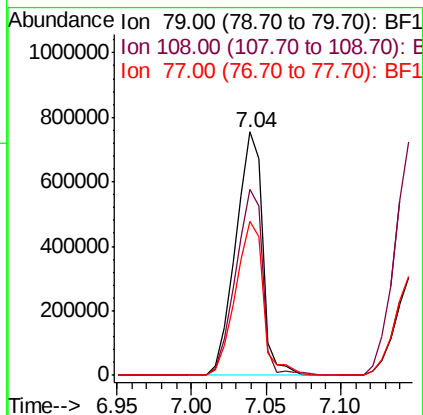
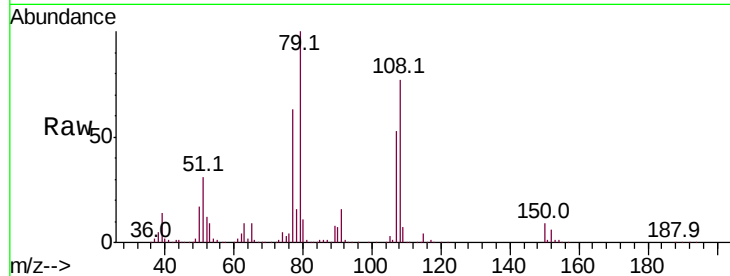
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	69.4	104.2
77	63.1	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 59.410 ng

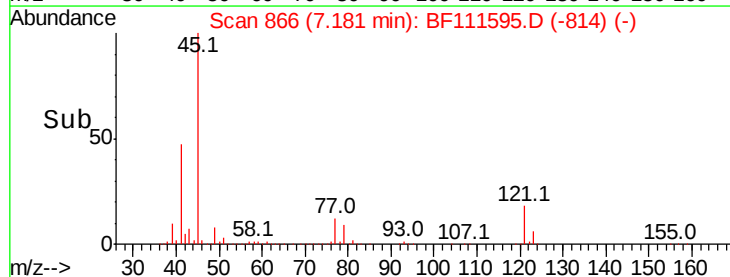
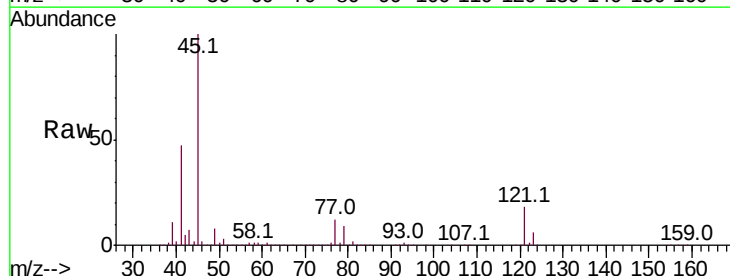
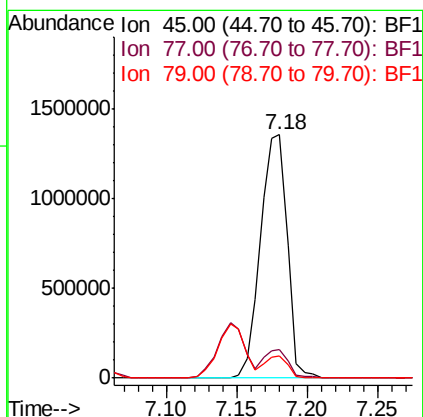
RT: 7.18 min Scan# 866

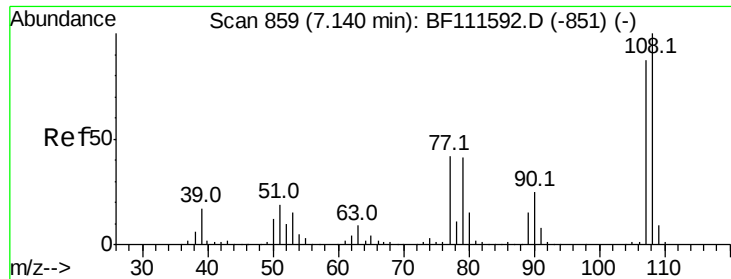
Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.5
79	9.3	0.0	28.9





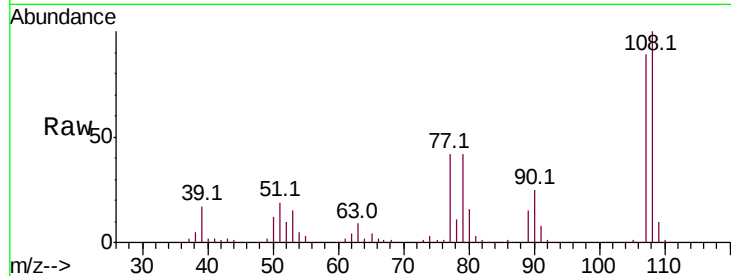
#17
2-Methylphenol
Concen: 64.989 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.0	136.4
77	47.7	33.5	50.3
79	47.1	33.3	49.9

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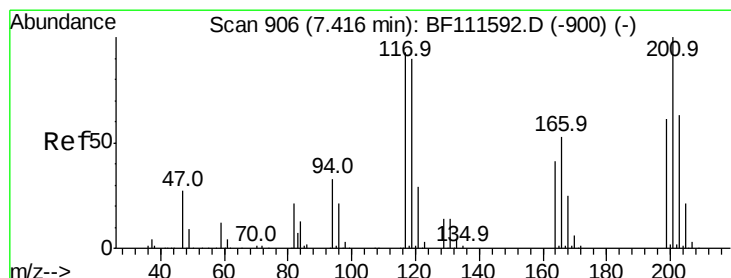
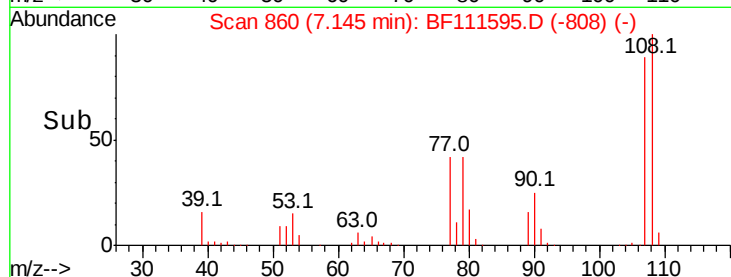
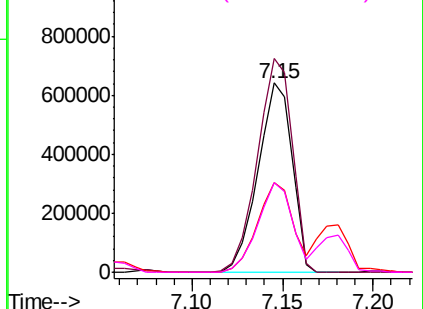
Abundance

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: 63.357 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

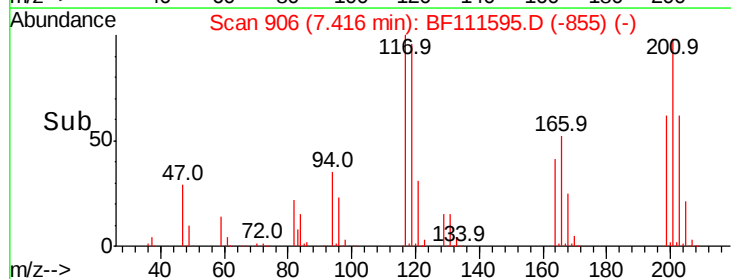
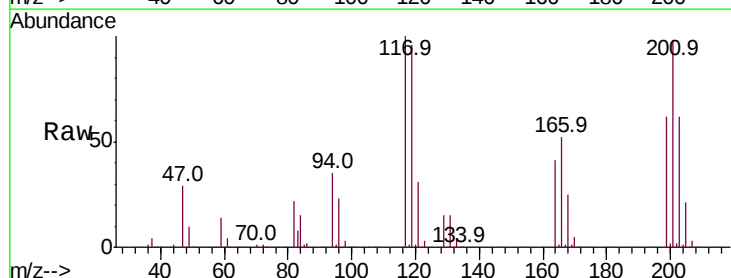
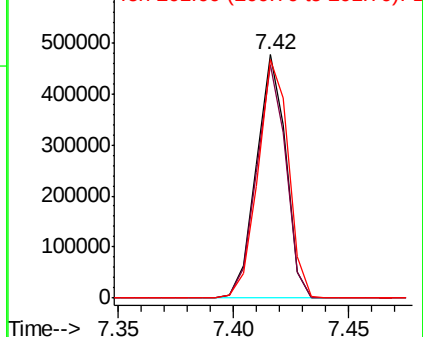
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
201	98.1	62.4	93.6

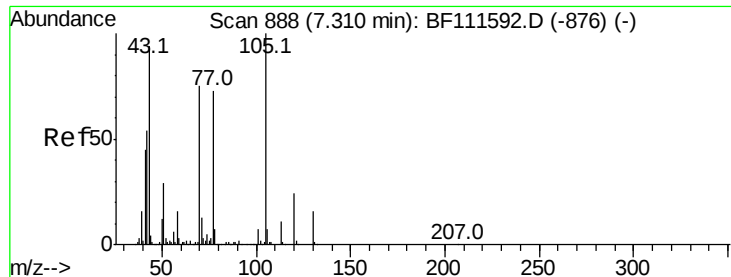
Abundance

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





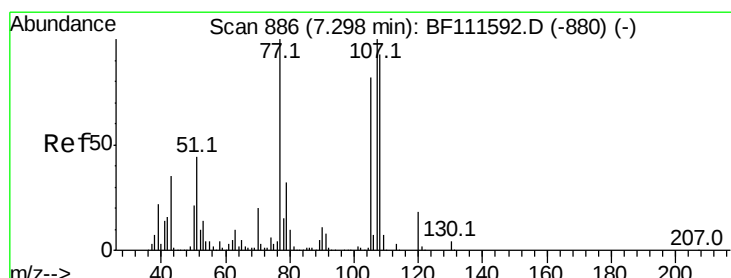
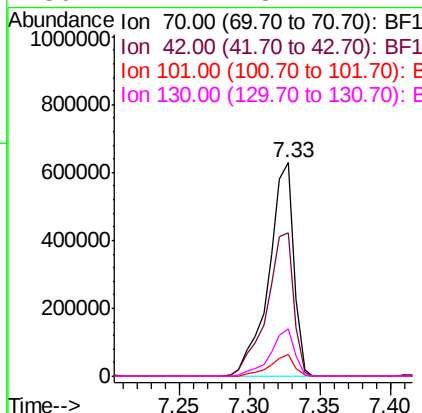
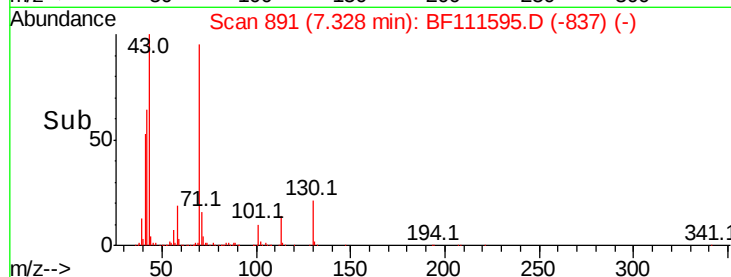
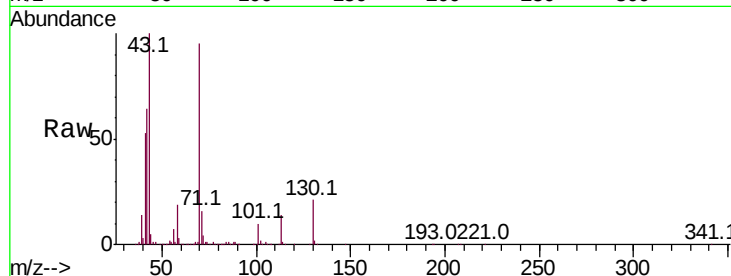
#19
n-Nitroso-di-n-propylamine
Concen: 66.262 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.4	53.2	79.8
101	10.1	8.2	12.4
130	22.4	18.1	27.1

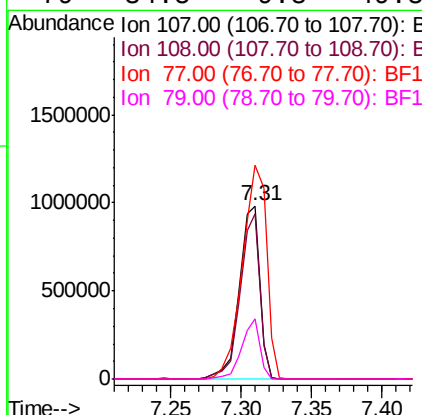
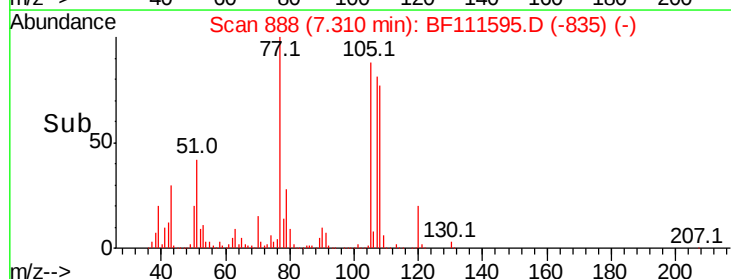
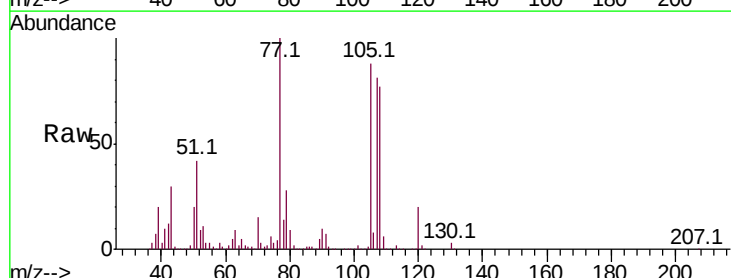
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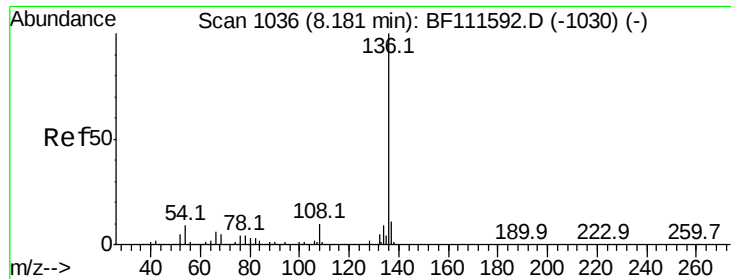
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#20
3+4-Methylphenols
Concen: 60.941 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	72.1	112.1
77	123.3	94.1	134.1
79	34.5	9.8	49.8





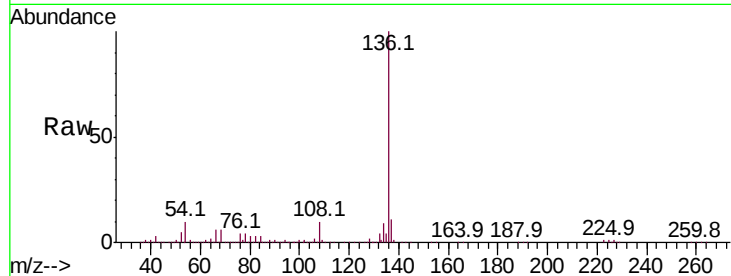
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.5	7.7	11.5	
68	5.8	4.9	7.3	

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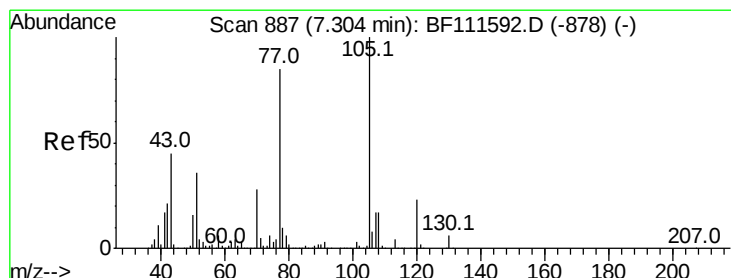
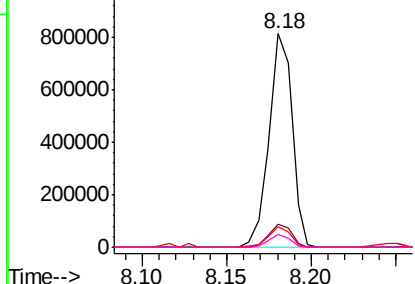
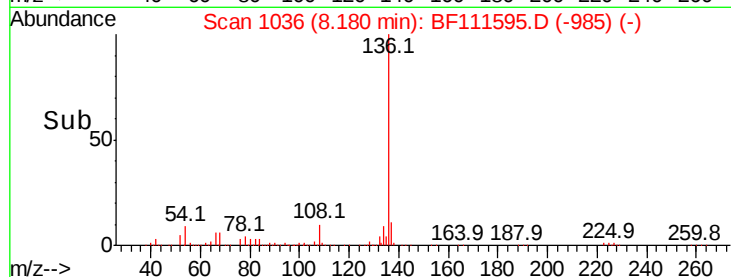
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

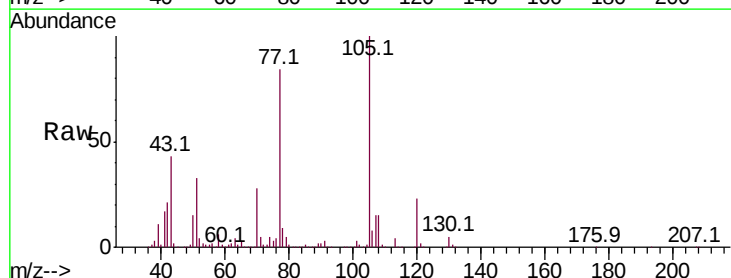
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 82.258 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	3.1	4.7#	
51	33.2	36.6	54.8#	
120	23.1	18.2	27.4	



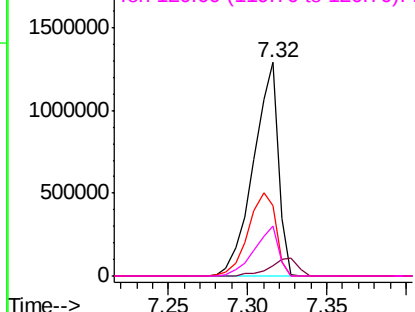
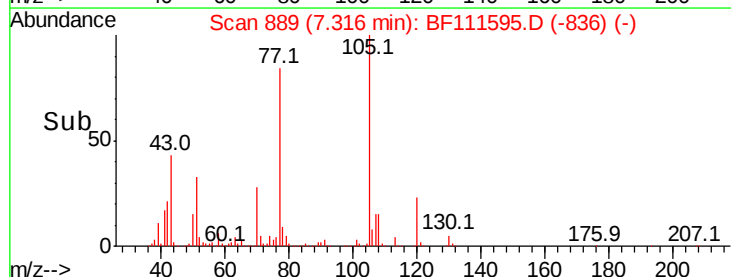
Abundance

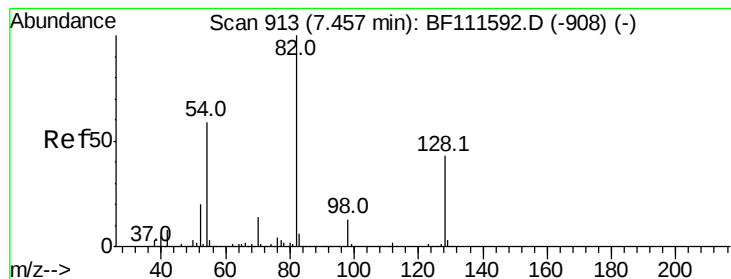
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 164.628 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2132436

Ion Ratio Lower Upper

82 100

128 44.4 37.4 56.2

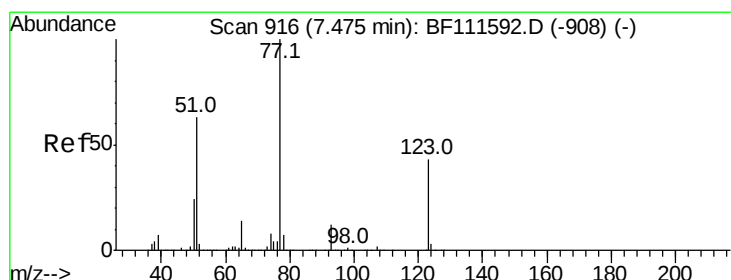
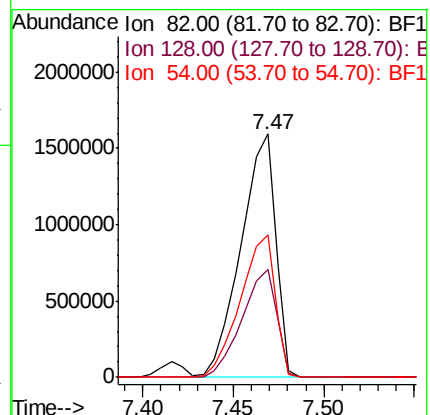
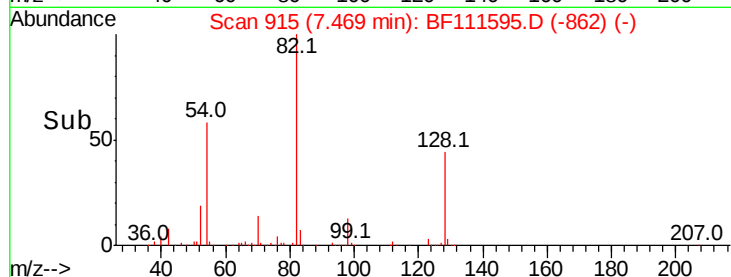
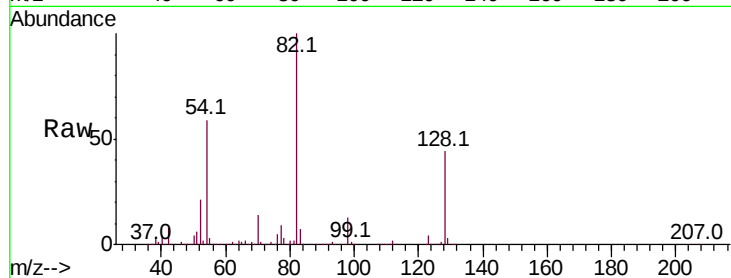
54 58.7 47.6 71.4

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#24

Nitrobenzene

Concen: 83.357 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

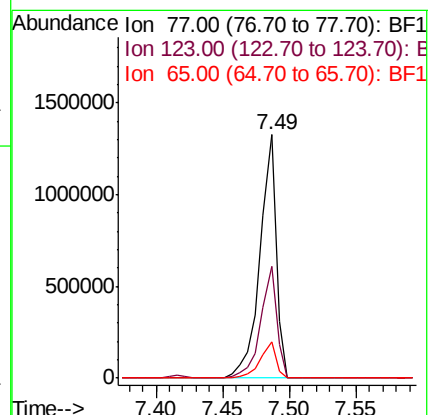
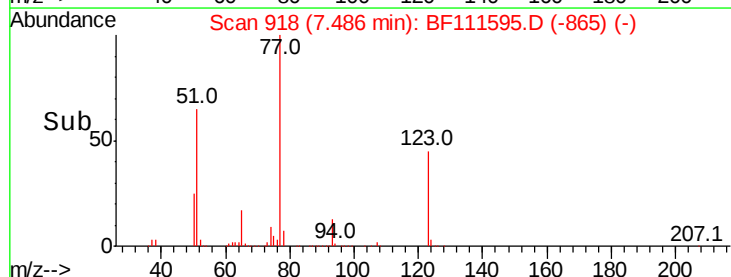
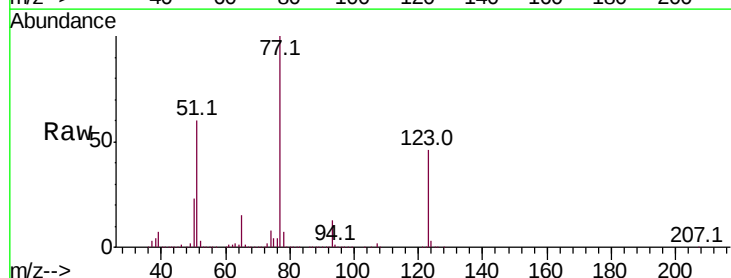
Tgt Ion: 77 Resp: 1101442

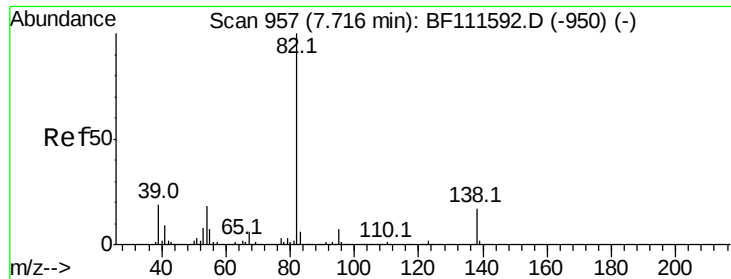
Ion Ratio Lower Upper

77 100

123 45.7 37.2 55.8

65 14.7 11.5 17.3





#25

Isophorone

Concen: 82.911 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1817139

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

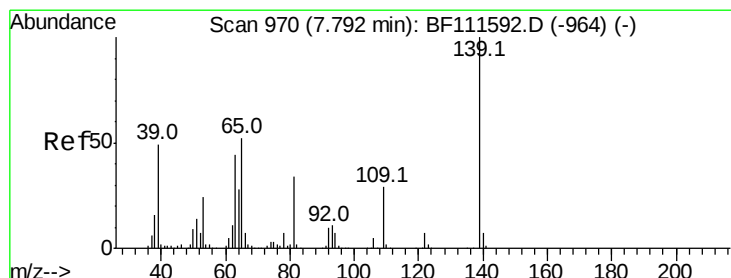
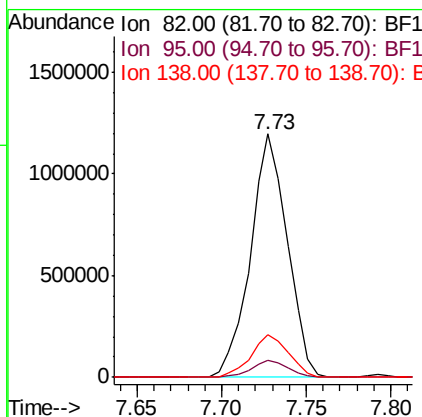
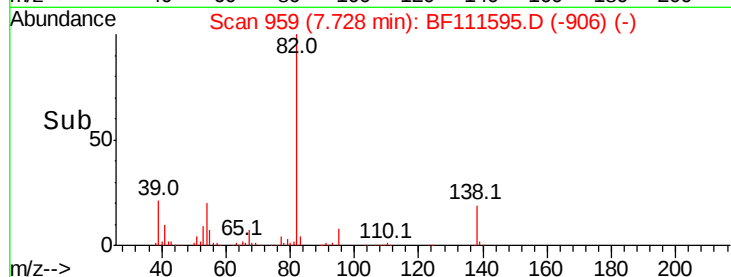
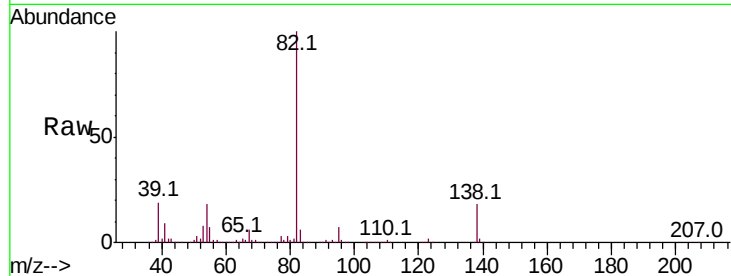
138 17.8 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 72.796 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

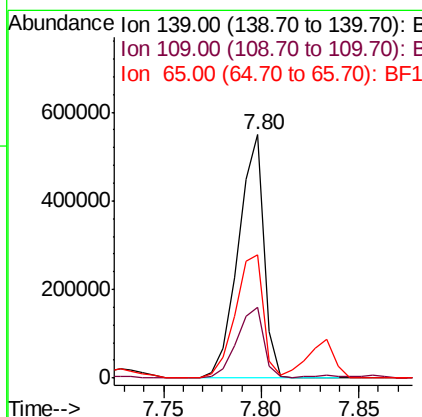
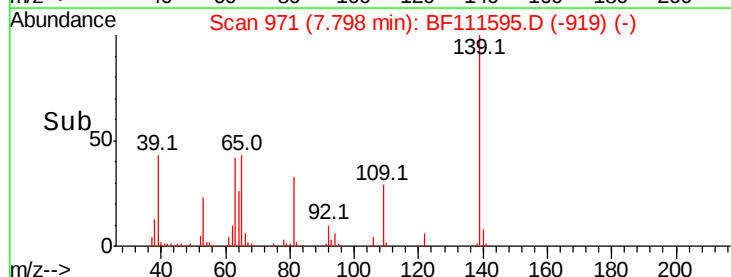
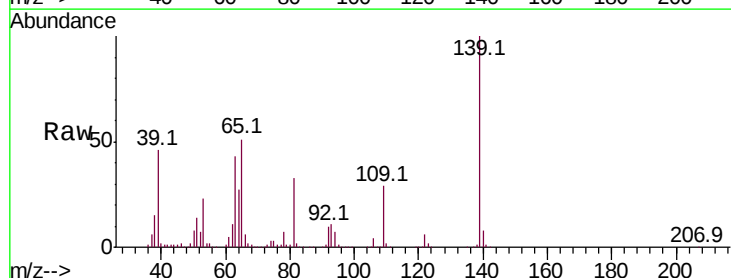
Tgt Ion: 139 Resp: 498838

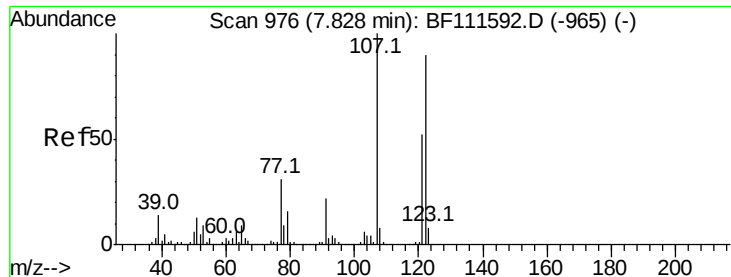
Ion Ratio Lower Upper

139 100

109 29.0 20.2 30.4

65 50.6 40.7 61.1





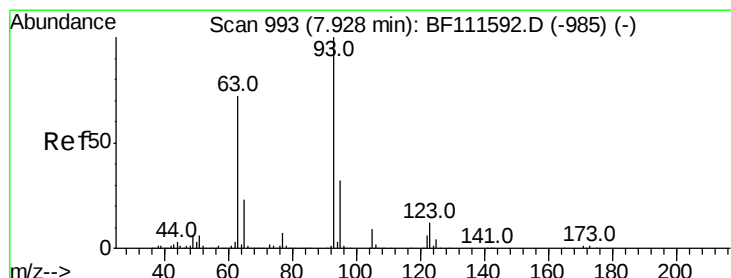
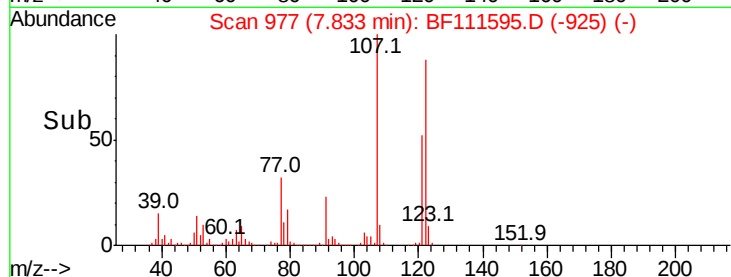
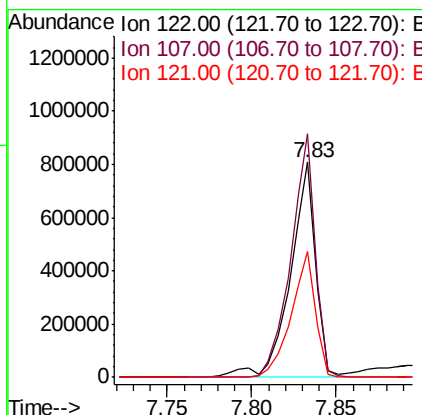
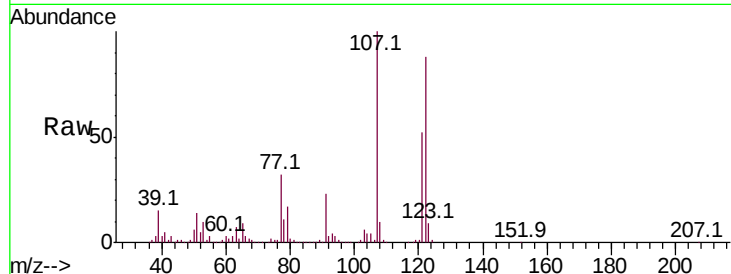
#27
2,4-Dimethylphenol
Concen: 85.199 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	85.5	128.3
121	58.5	46.6	70.0

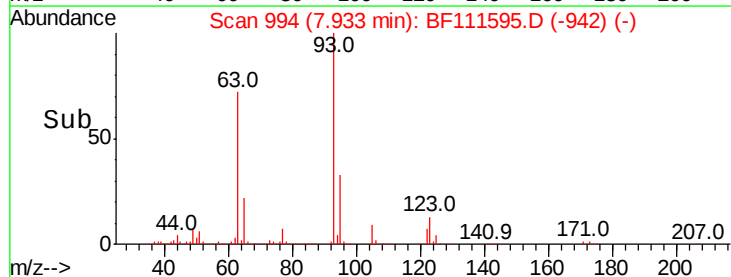
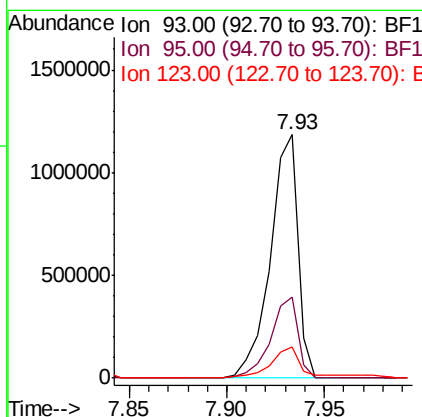
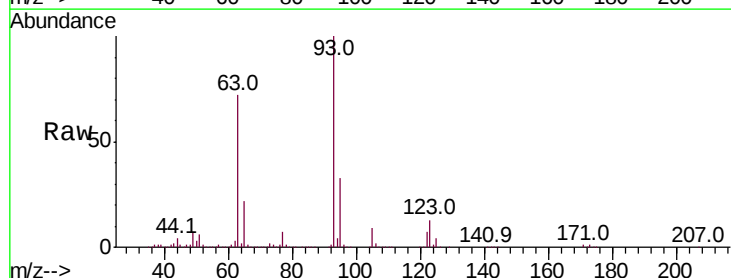
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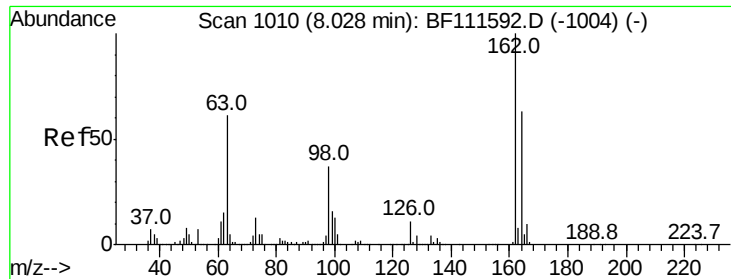
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 76.691 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.1	40.7
123	12.9	9.9	14.9





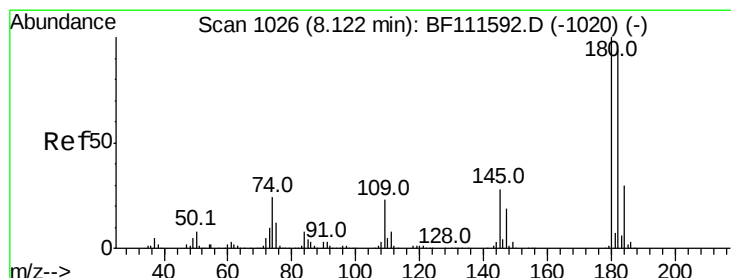
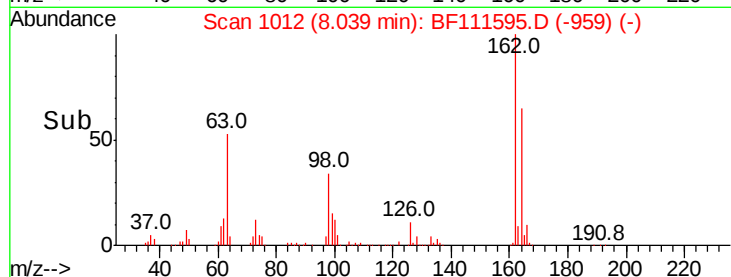
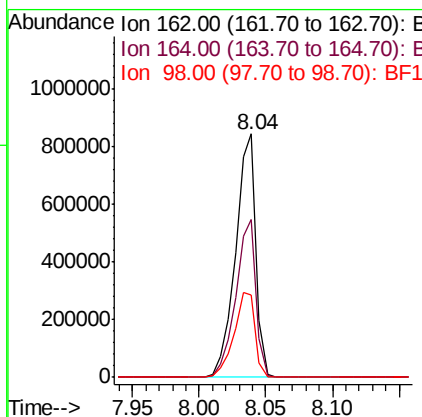
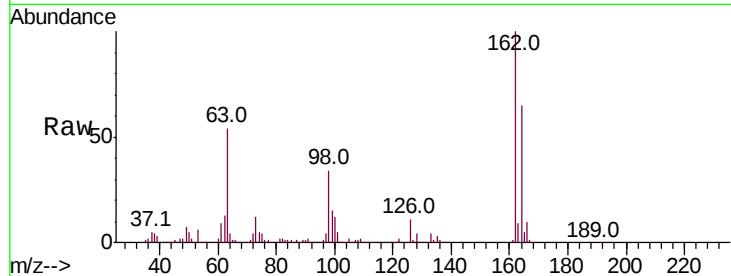
#29
2,4-Dichlorophenol
Concen: 84.698 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	898212		
164	64.8	44.4	84.4	
98	33.8	20.3	60.3	

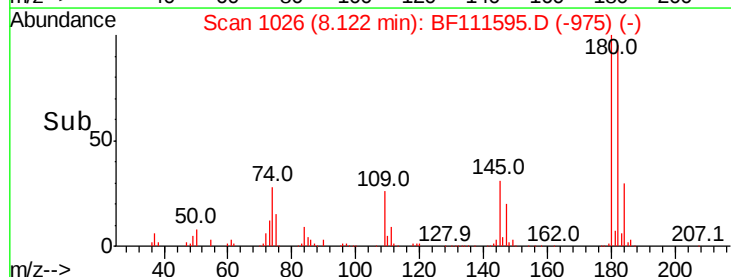
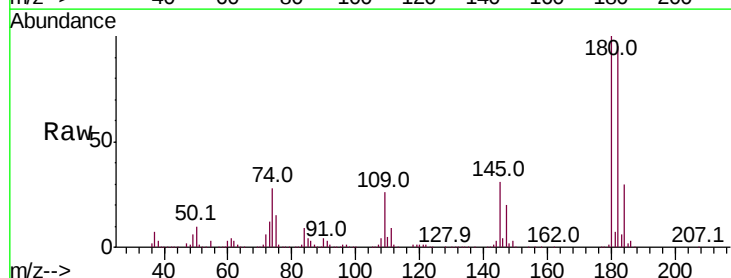
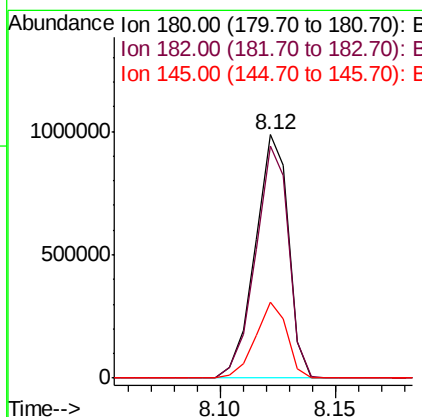
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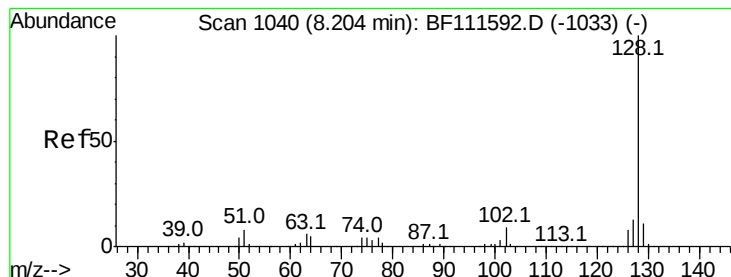
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#30
1,2,4-Trichlorobenzene
Concen: 89.273 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	991079		
182	95.2	75.6	113.4	
145	31.0	26.7	40.1	





#31

Naphthalene

Concen: 73.707 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 2659149

Ion Ratio Lower Upper

128 100

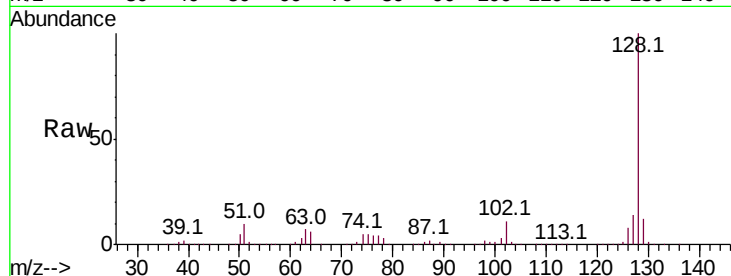
129 12.1 9.8 14.8

127 14.3 12.0 18.0

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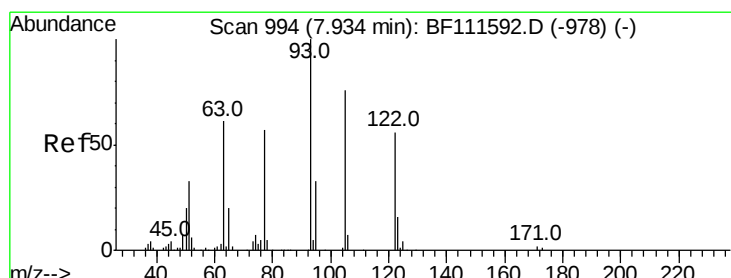
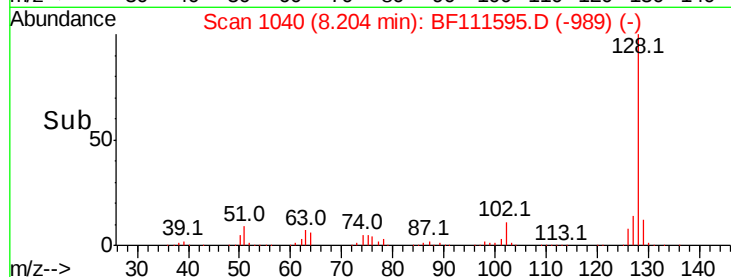
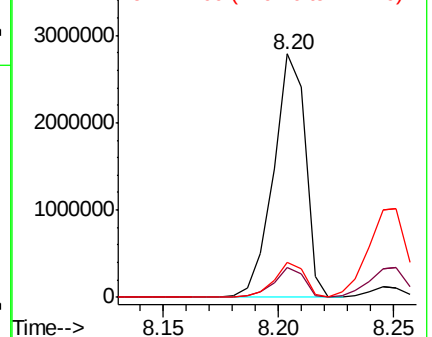
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 74.957 ng m

RT: 7.97 min Scan# 1001

Delta R.T. 0.04 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

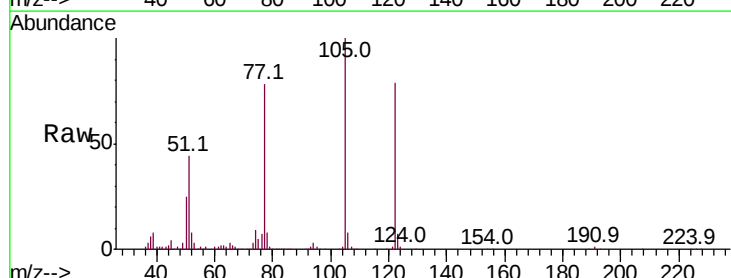
Tgt Ion:122 Resp: 643479

Ion Ratio Lower Upper

122 100

105 126.6 97.0 137.0

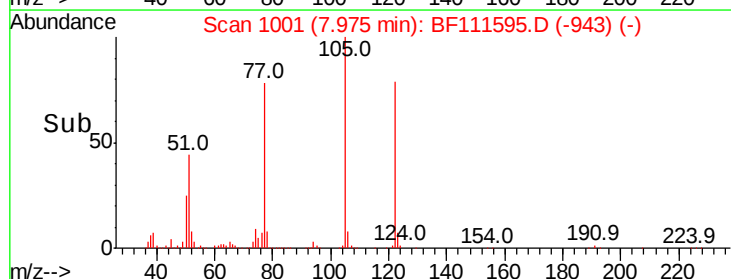
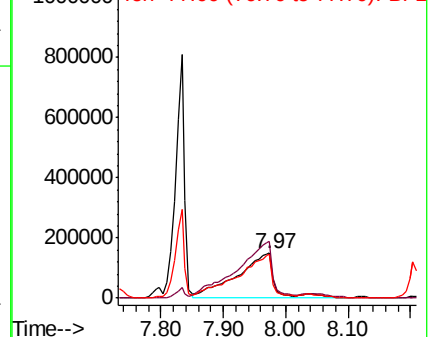
77 98.4 65.7 105.7

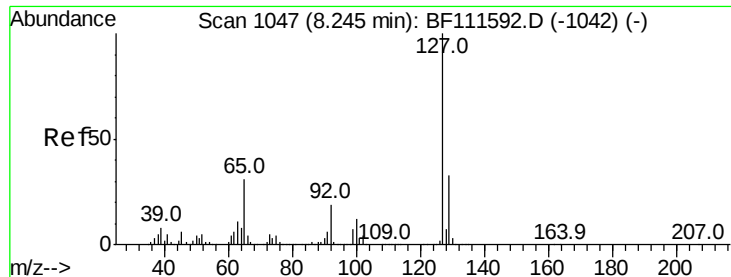


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





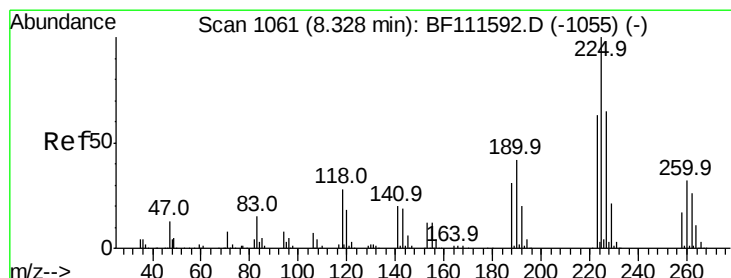
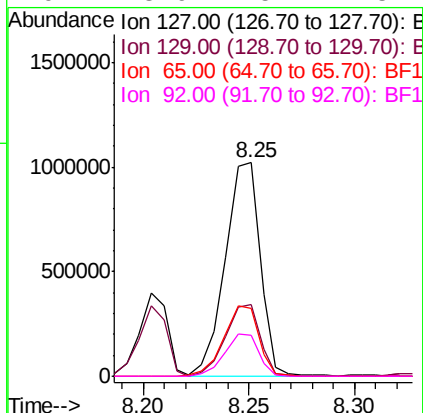
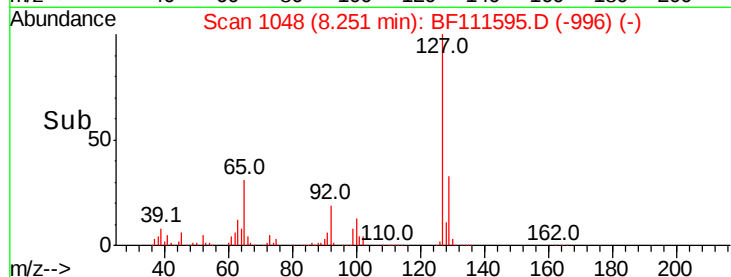
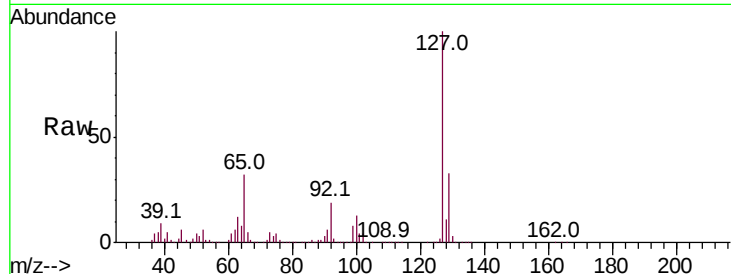
#33
4-Chloroaniline
Concen: 72.872 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.3	26.6	39.8	
65	31.9	25.7	38.5	
92	18.9	15.4	23.2	

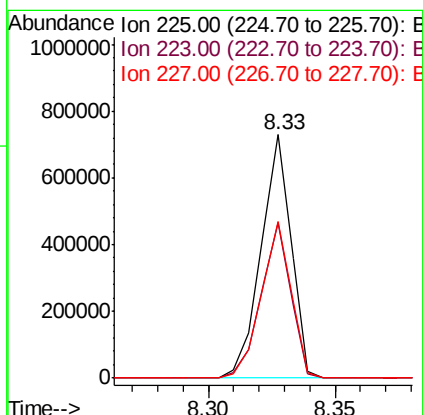
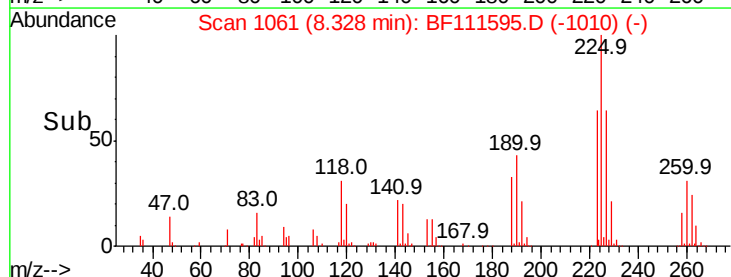
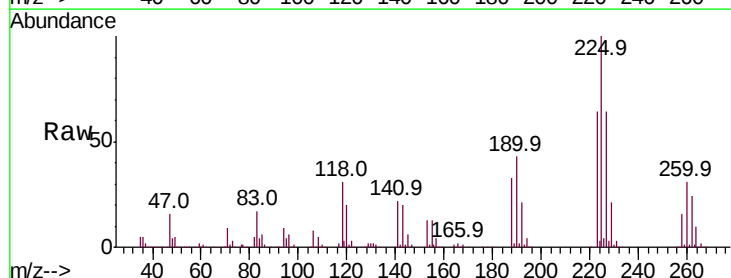
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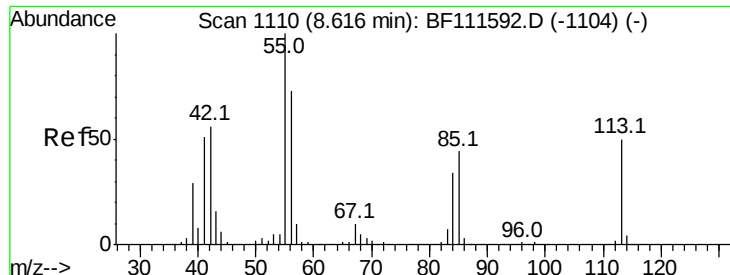
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#34
Hexachlorobutadiene
Concen: 99.438 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.0	50.7	76.1	
227	64.2	52.6	78.8	





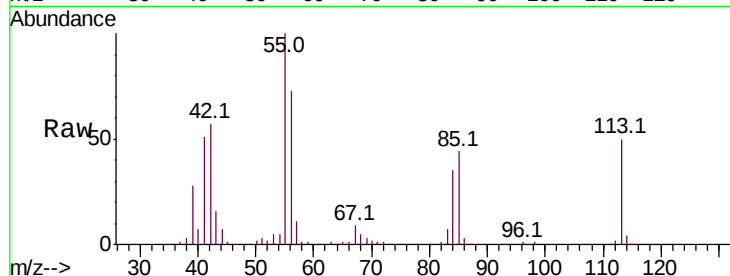
#35
 Caprolactam
 Concen: 84.544 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.03 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	199.0	184.1	224.1
56	145.4	126.0	166.0

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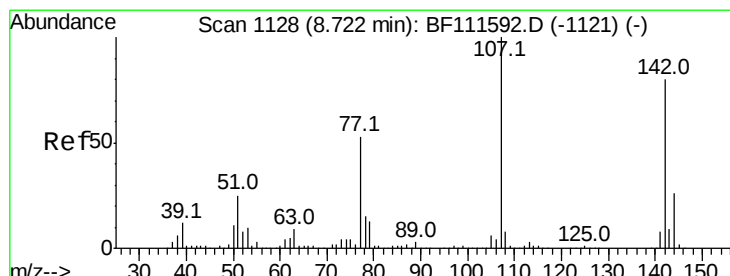
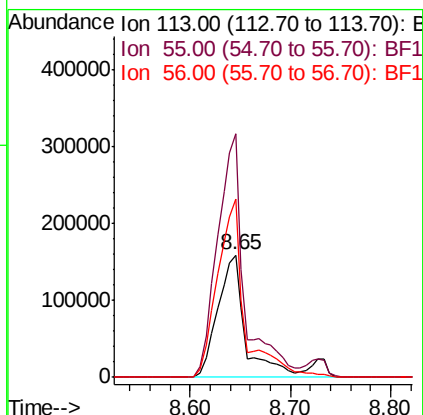
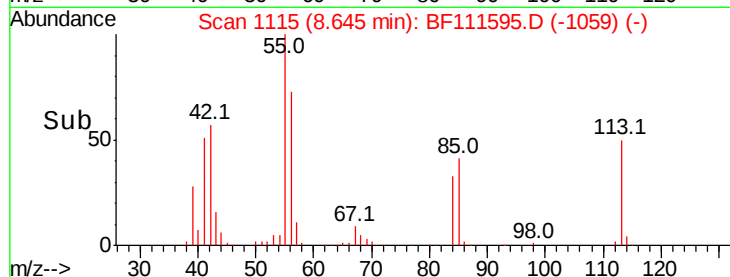


Abundance

Ion 113.00 (112.70 to 113.70): E

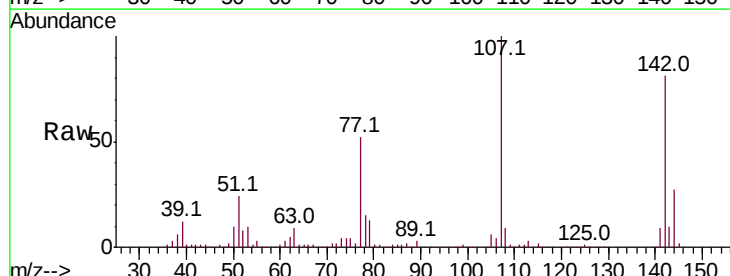
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 75.795 ng/ml
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.8	29.6
142	81.2	62.3	93.5

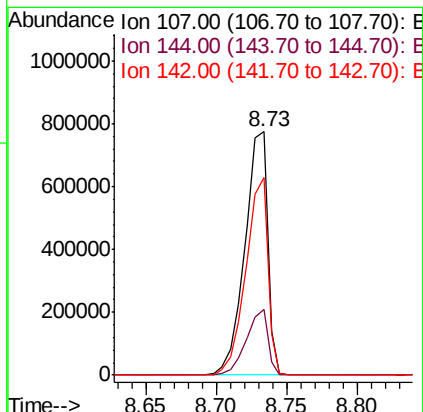
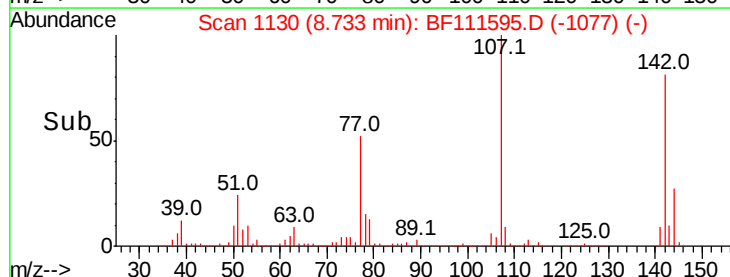


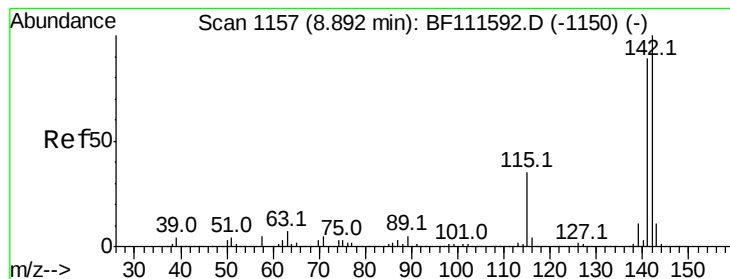
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





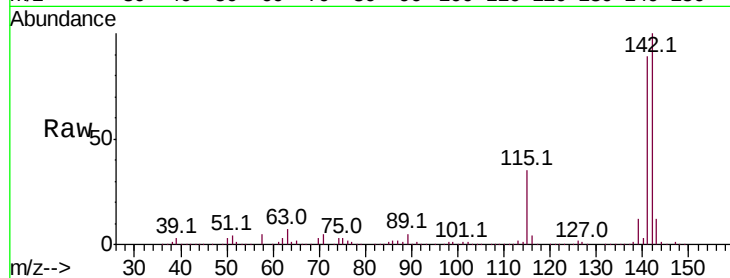
#37
2-Methylnaphthalene
Concen: 71.003 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

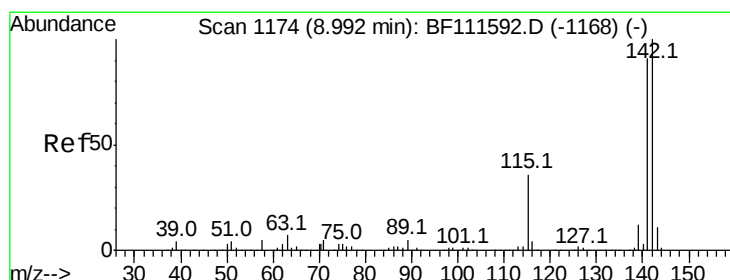
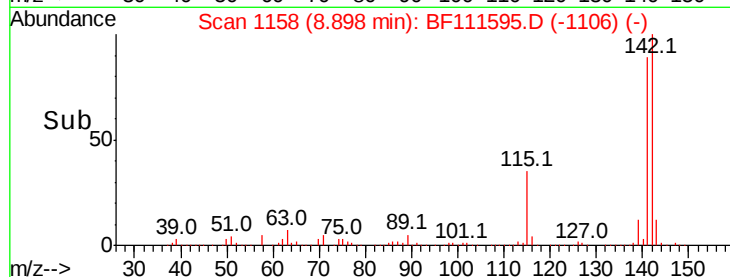
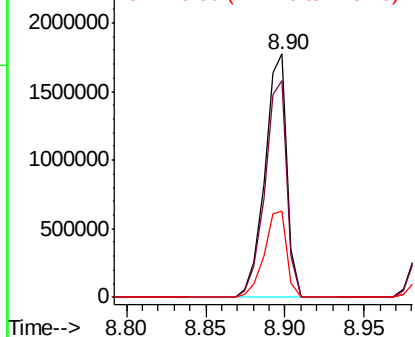
Tot Ion:142 Resp: 1733360
Ion Ratio Lower Upper
142 100
141 88.9 70.6 105.8
115 35.2 27.0 40.6

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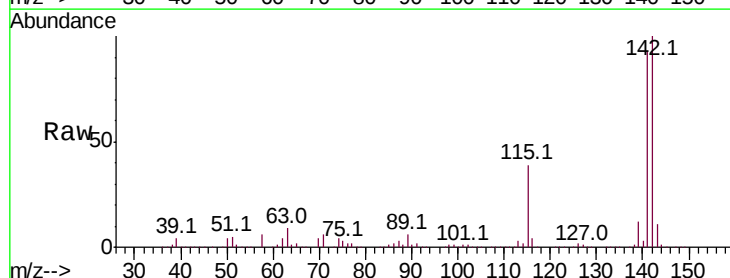


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

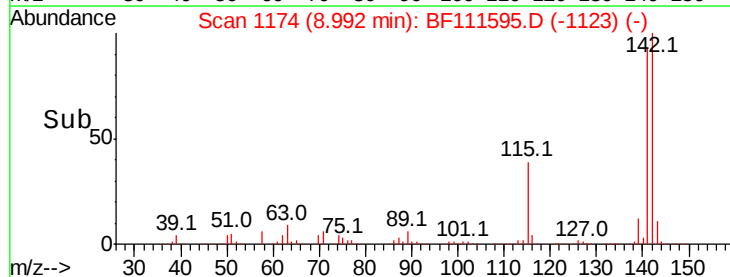
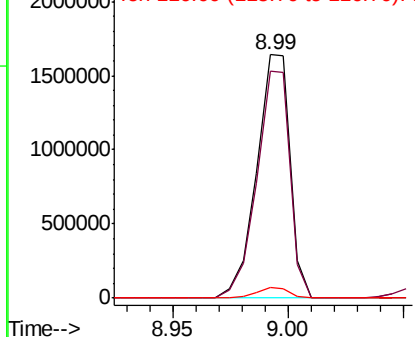


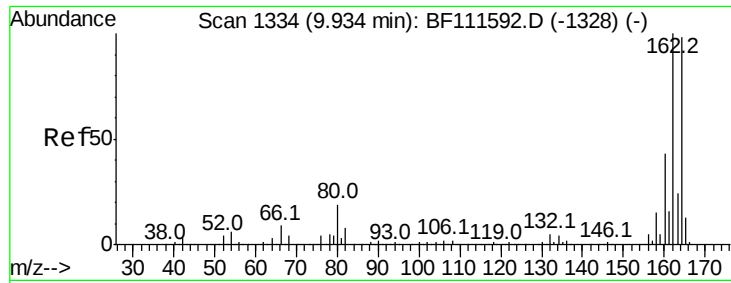
#38
1-Methylnaphthalene
Concen: 70.255 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion:142 Resp: 1656932
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4
116 4.2 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





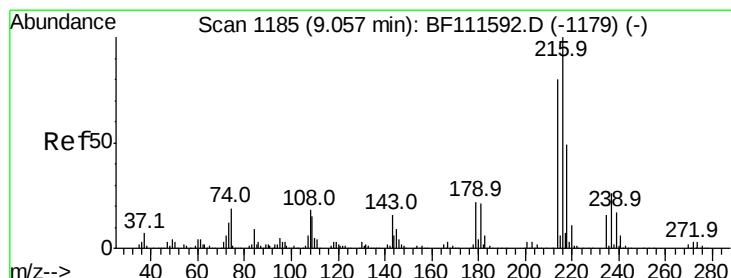
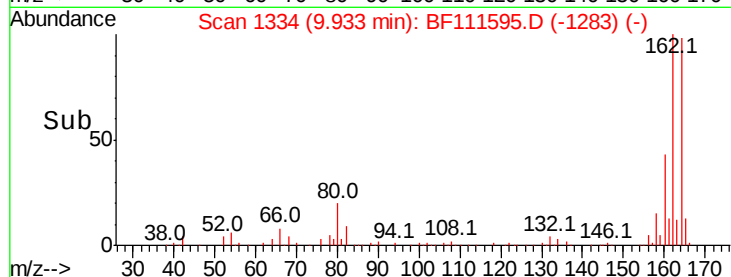
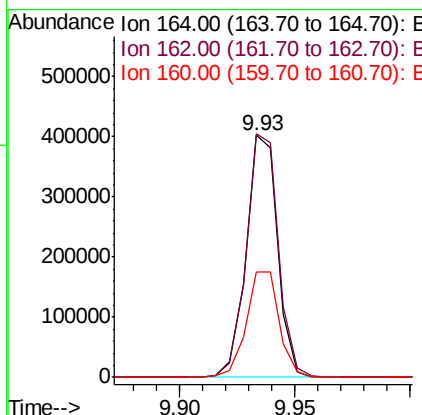
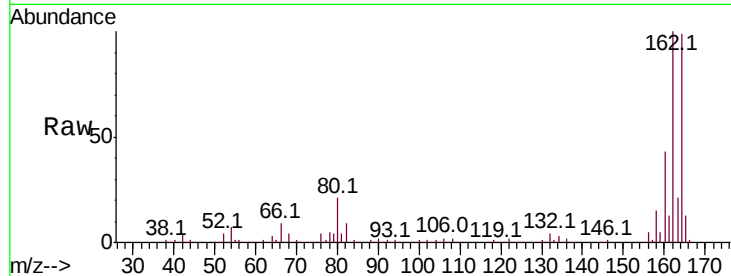
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	43.8	35.7	53.5

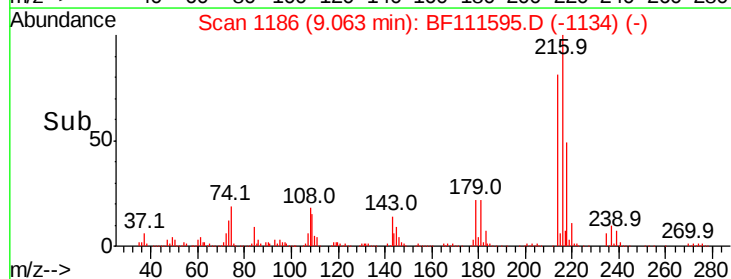
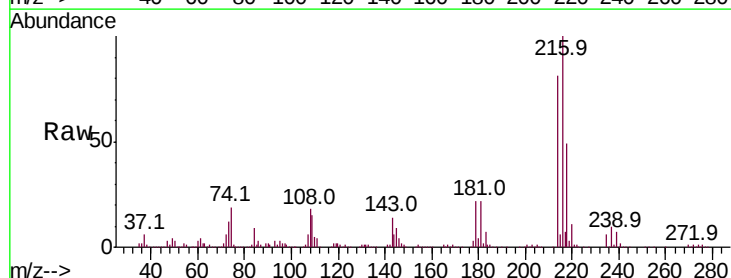
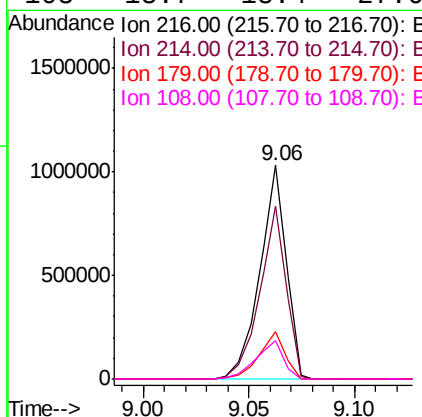
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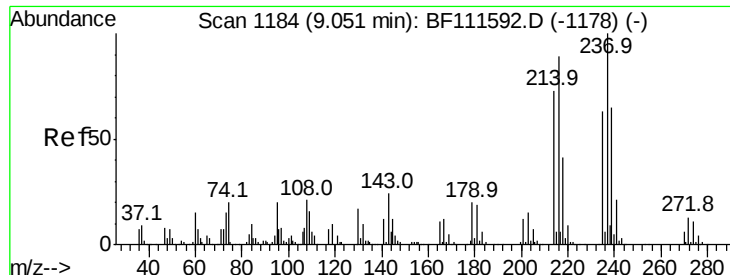
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 85.700 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.8
179	21.9	17.9	26.9
108	18.7	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 90.674 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

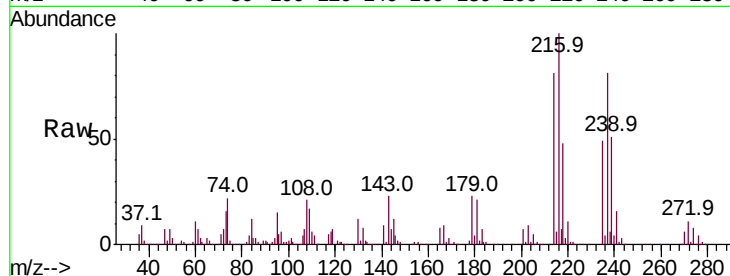
ClientSampleId :

SSTDIC080

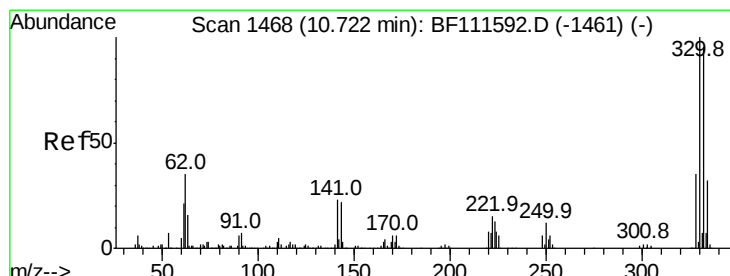
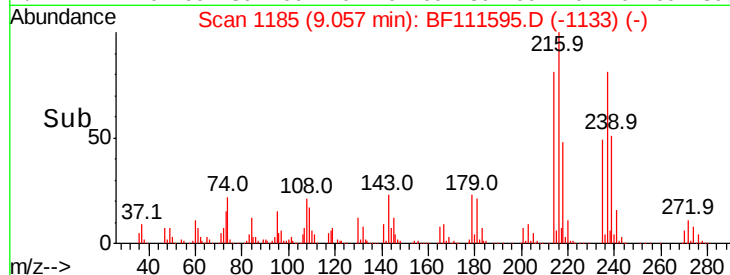
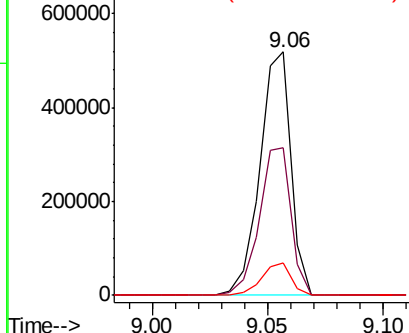
Tot Ion:	237	Resp:	488333
Ion Ratio	Lower	Upper	
237	100		
235	60.9	43.1	83.1
272	13.3	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 196.870 ng

RT: 10.73 min Scan# 1469

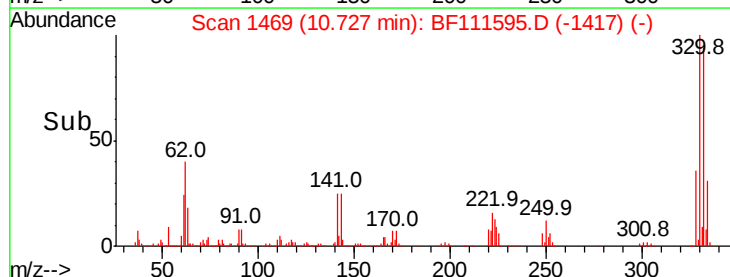
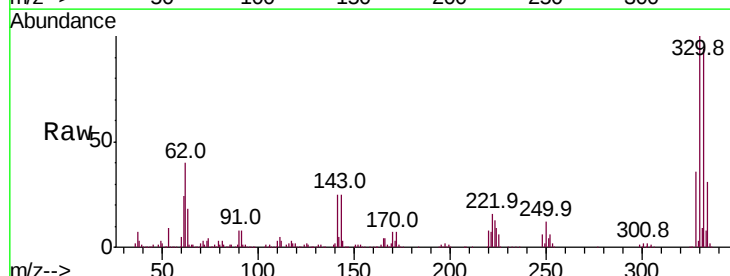
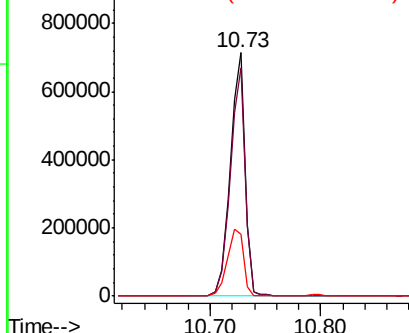
Delta R.T. 0.01 min

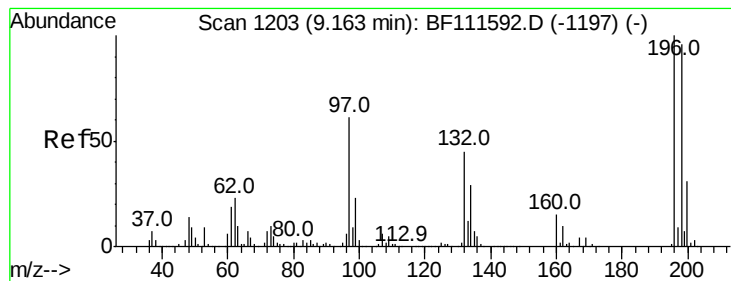
Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	330	Resp:	674551
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.0	114.0
141	30.1	31.0	46.6#

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





#43

2,4,6-Trichlorophenol

Concen: 86.498 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

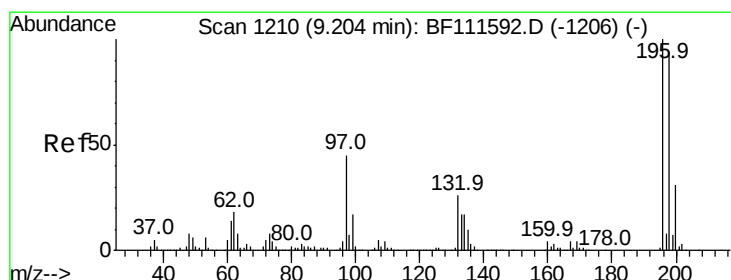
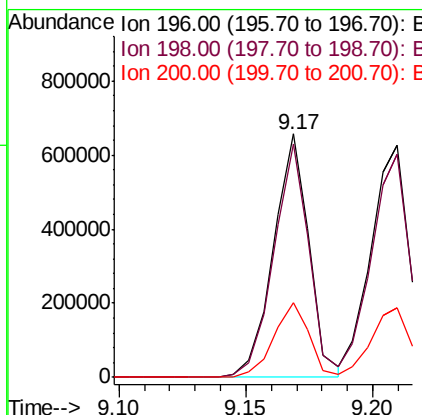
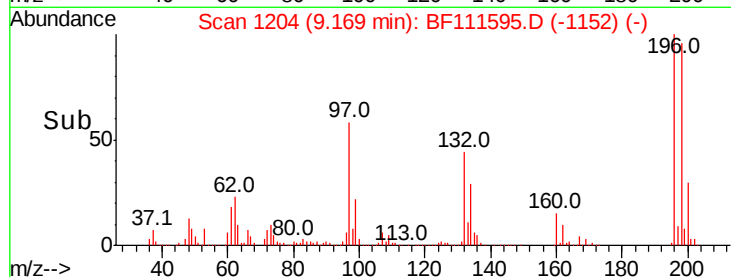
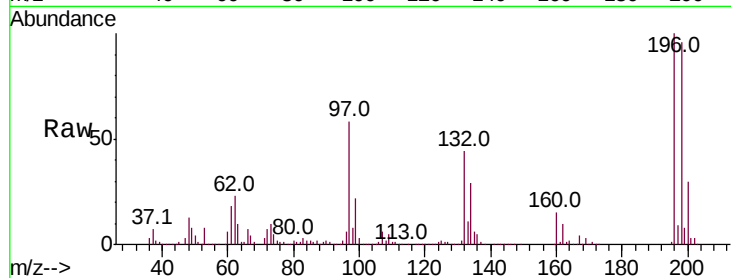
ClientSampleId :

SSTDIC080

Tot Ion:	196	Resp:	642177
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.3	114.5
200	30.4	24.9	37.3

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 82.709 ng

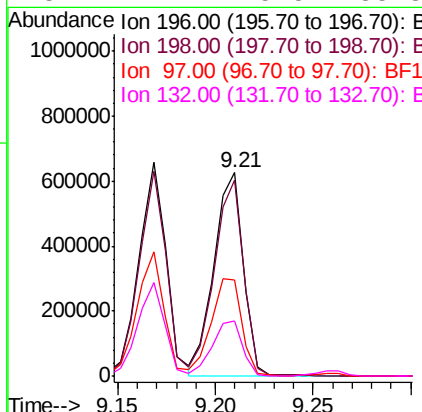
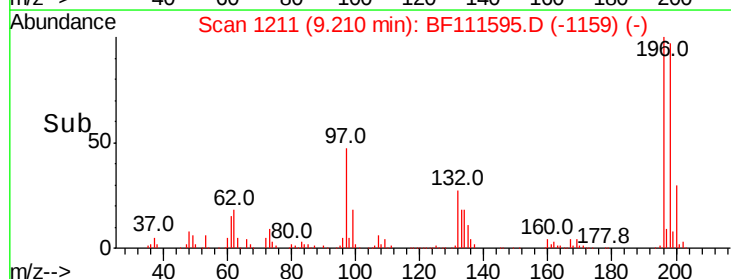
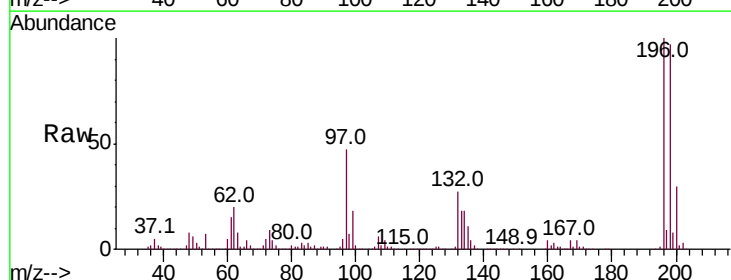
RT: 9.21 min Scan# 1211

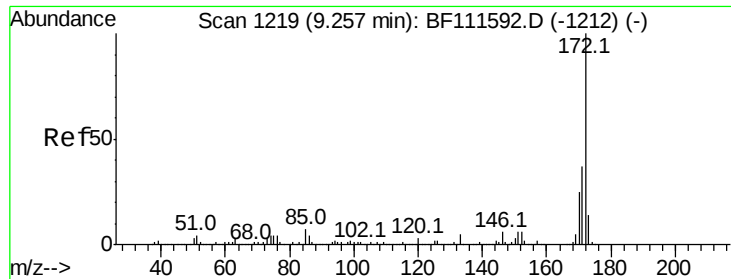
Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tgt Ion:	196	Resp:	653417
Ion Ratio	Lower	Upper	
196	100		
198	96.5	72.9	109.3
97	47.4	45.3	67.9
132	27.1	25.5	38.3





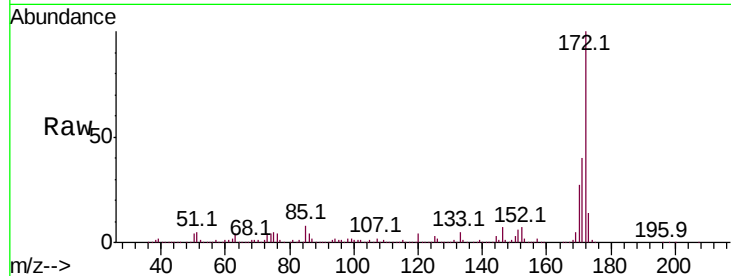
#45
2-Fluorobiphenyl
Concen: 139.662 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

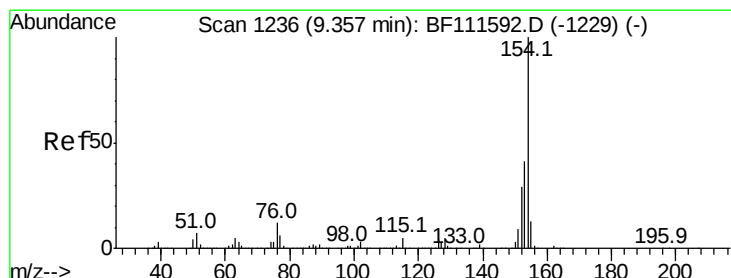
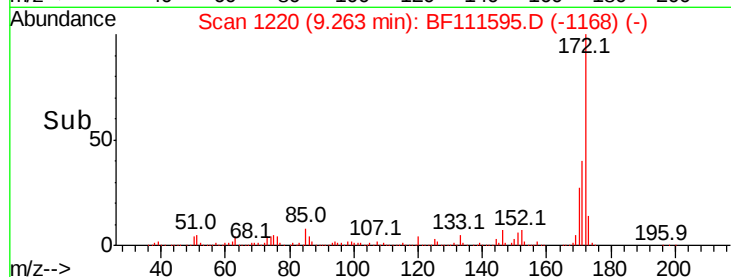
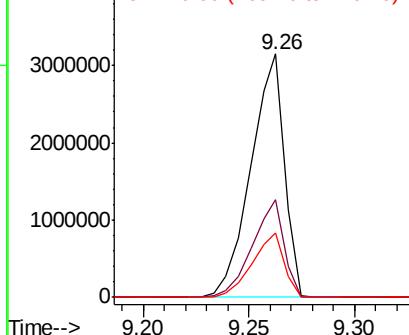
Tot Ion:172 Resp: 3458451
Ion Ratio Lower Upper
172 100
171 39.9 33.0 49.4
170 26.7 22.3 33.5

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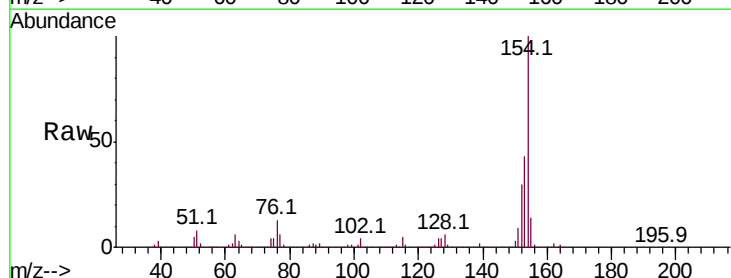


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

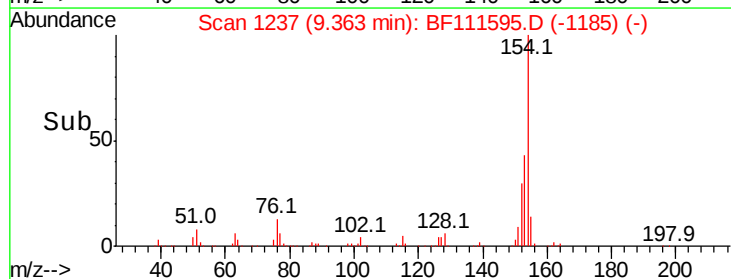
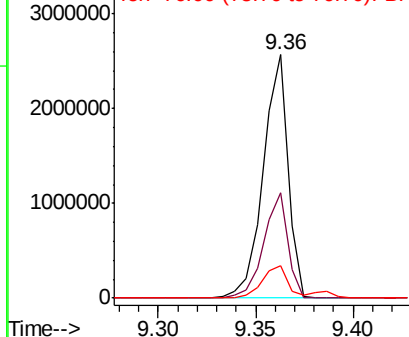


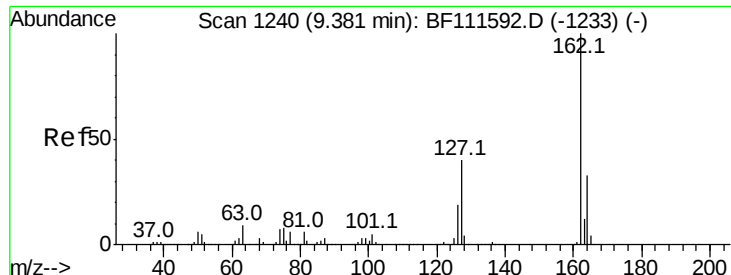
#46
1,1'-Biphenyl
Concen: 69.521 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion:154 Resp: 2253146
Ion Ratio Lower Upper
154 100
153 43.2 23.7 63.7
76 13.3 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





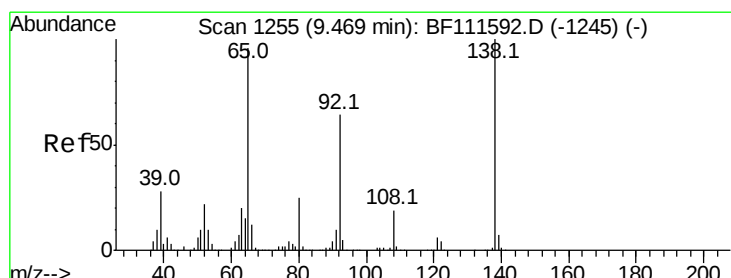
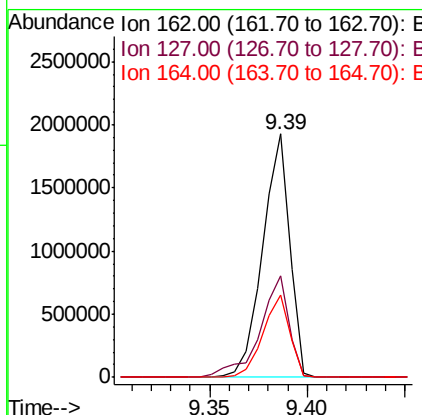
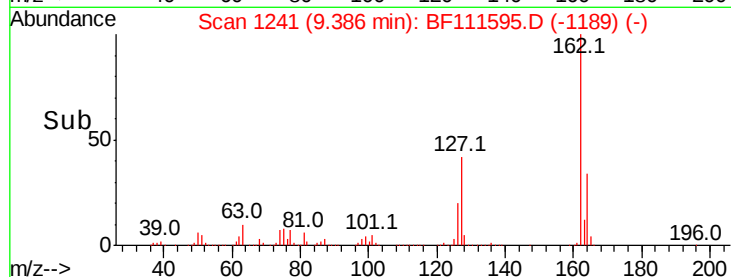
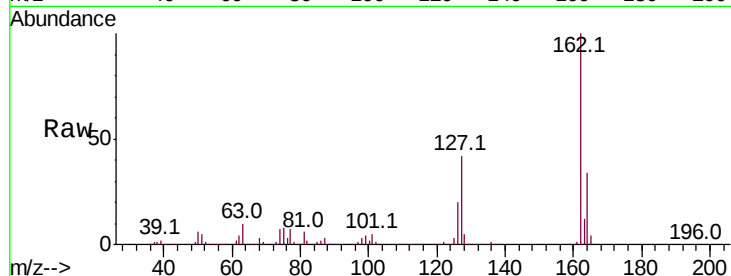
#47
 2-Chloronaphthalene
 Concen: 74.854 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	162	Resp:	1844039
Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	33.8	28.4	42.6

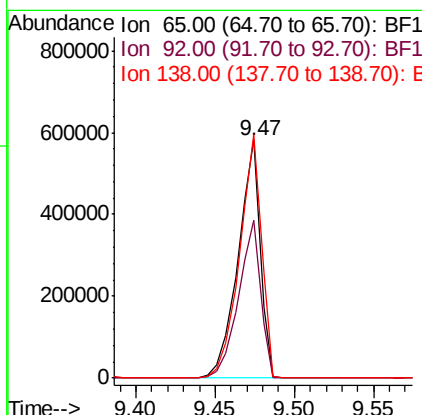
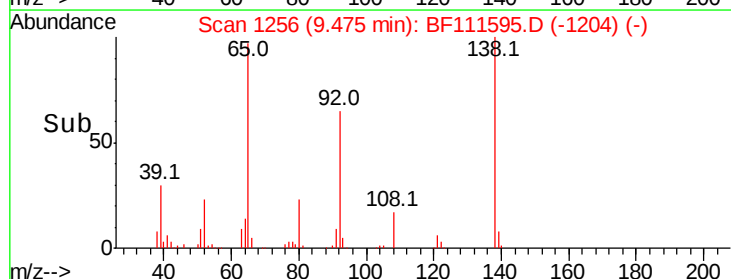
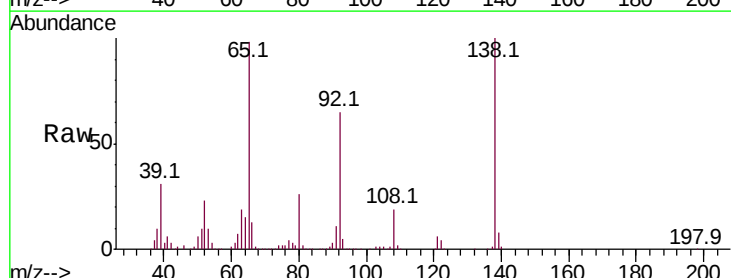
Manual Integrations
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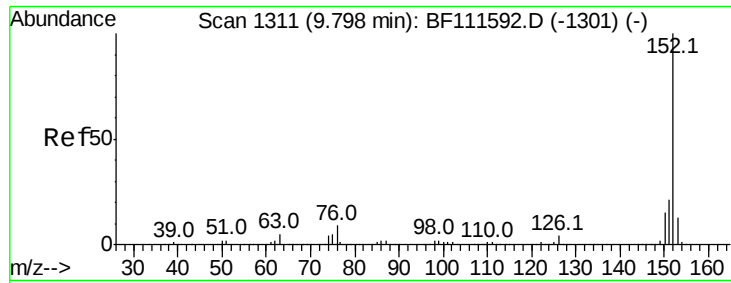
Sohil
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#48
 2-Nitroaniline
 Concen: 69.978 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:	65	Resp:	559741
Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.5	80.3
138	102.2	80.9	121.3





#49

Acenaphthylene

Concen: 73.888 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 2701897

Ion Ratio Lower Upper

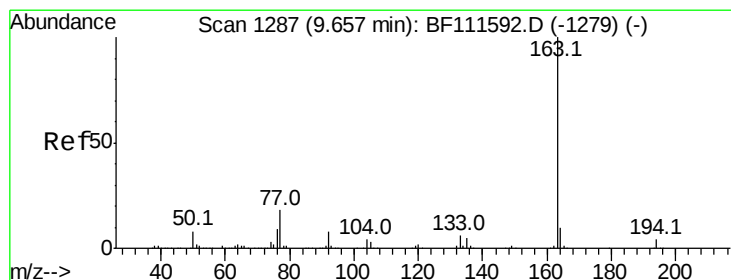
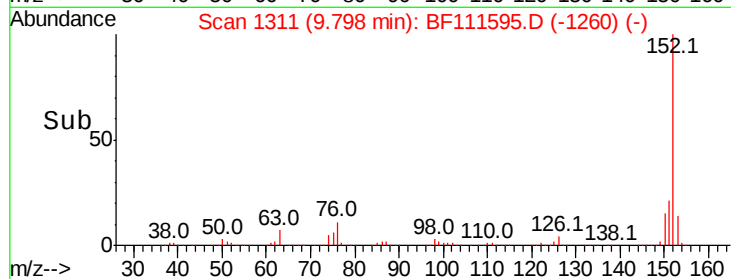
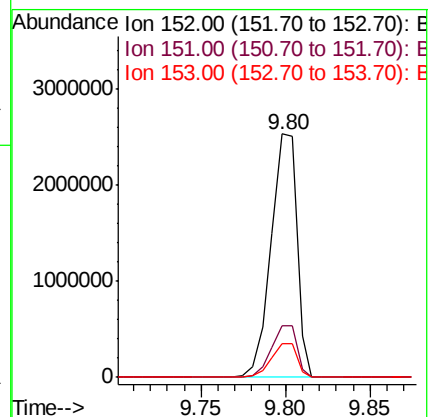
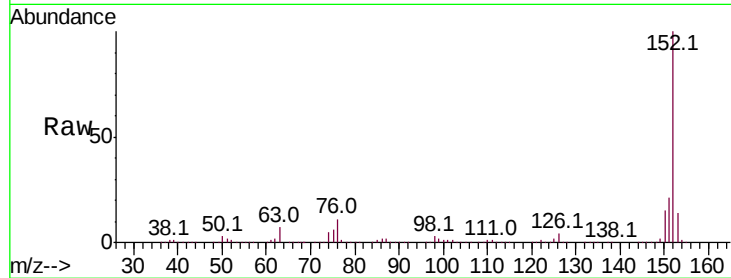
152 100

151 21.4 18.0 27.0

153 13.9 12.3 18.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 74.589 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

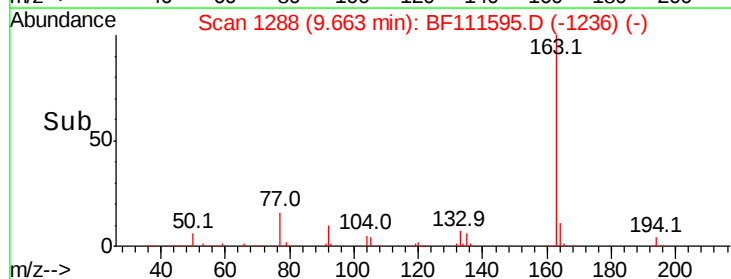
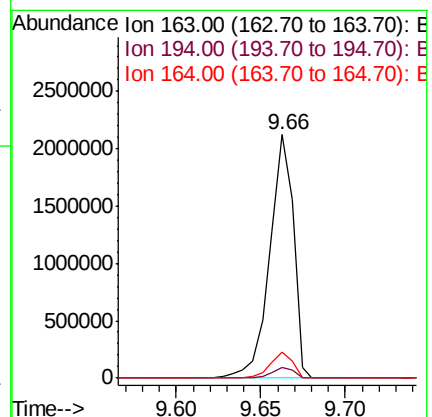
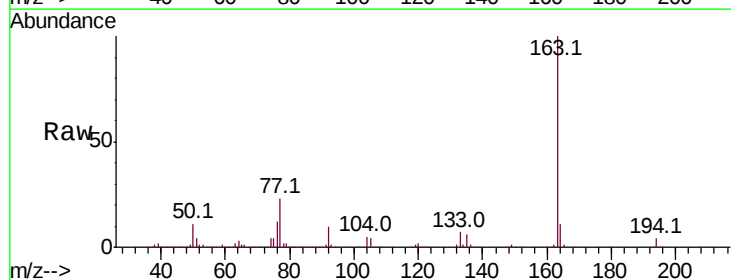
Tgt Ion:163 Resp: 2054700

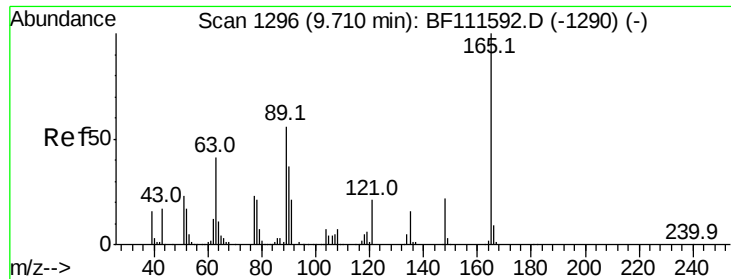
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

164 10.8 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 75.618 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 468874

Ion Ratio Lower Upper

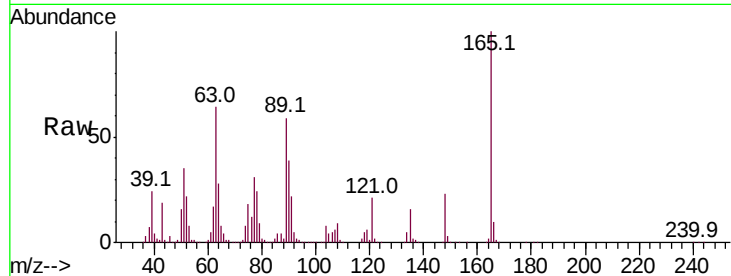
165 100

63 63.6 40.5 60.7#

89 58.8 40.0 60.0

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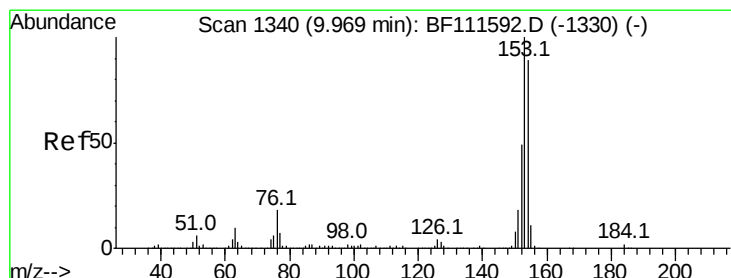
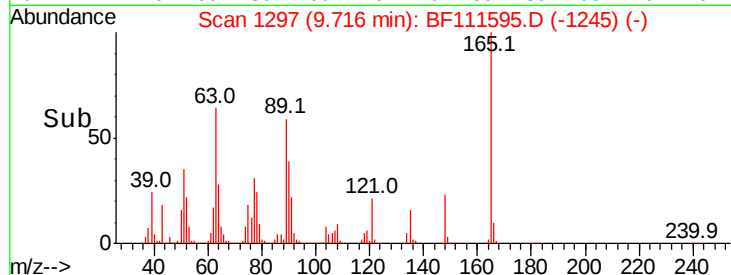
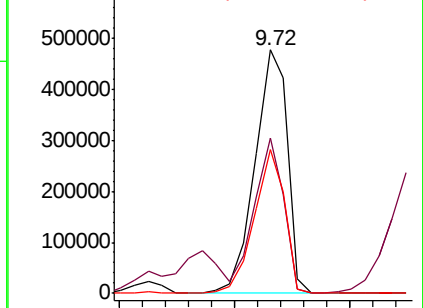
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 72.439 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

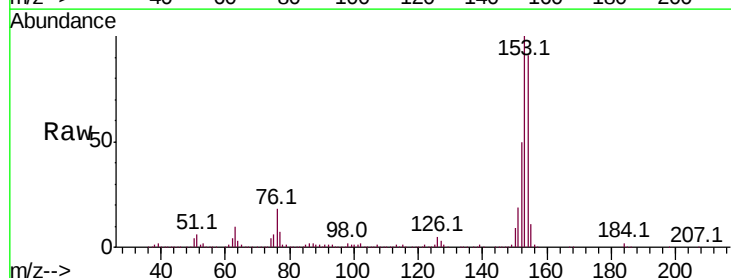
Tgt Ion:154 Resp: 1674225

Ion Ratio Lower Upper

154 100

153 110.4 87.8 131.8

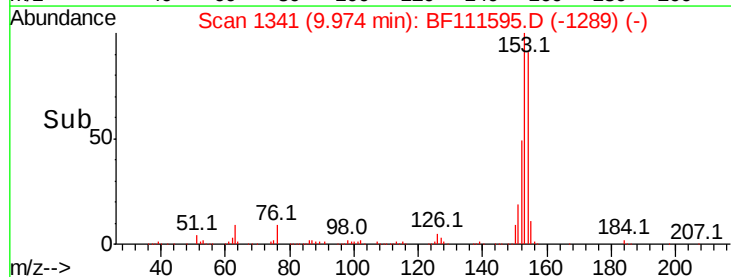
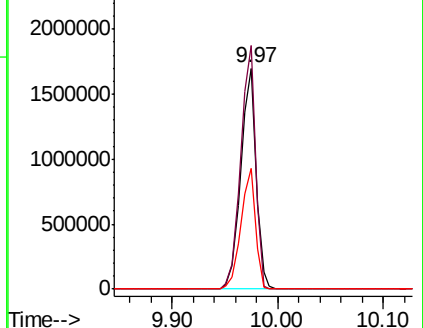
152 54.8 43.4 65.2

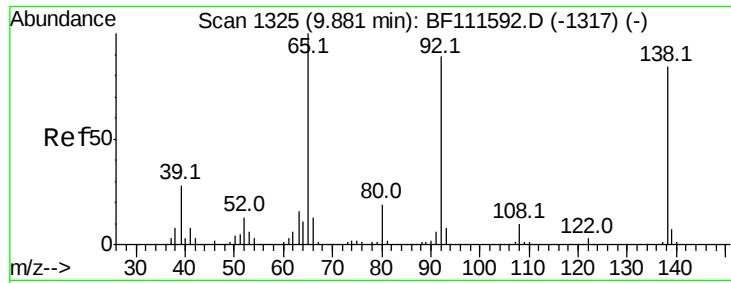


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





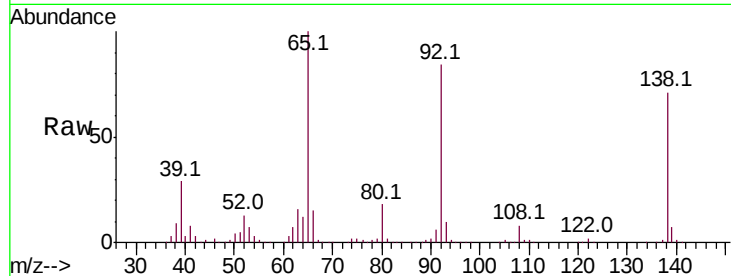
#53
3-Nitroaniline
Concen: 67.735 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.2	12.4
92	118.4	93.4	140.2

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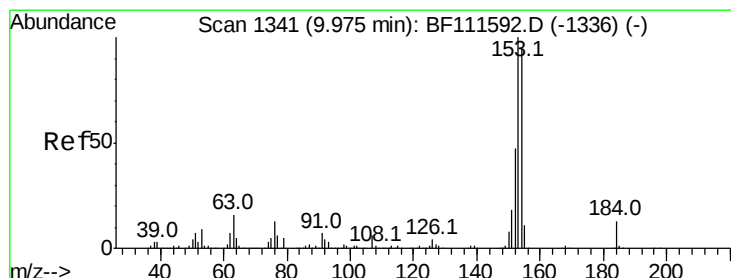
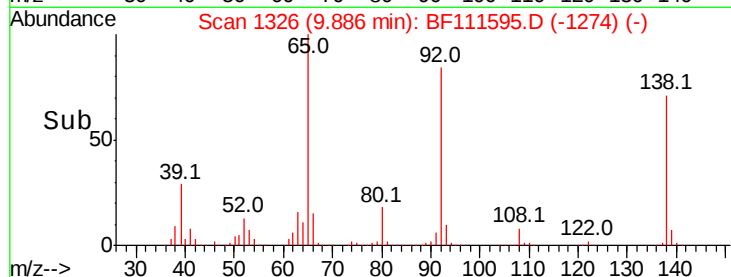
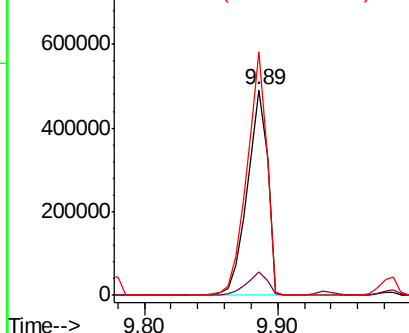


Abundance

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: 62.293 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

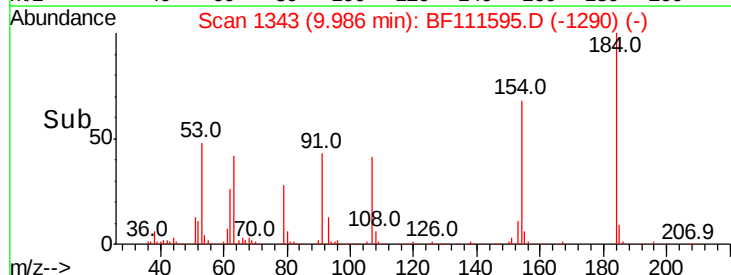
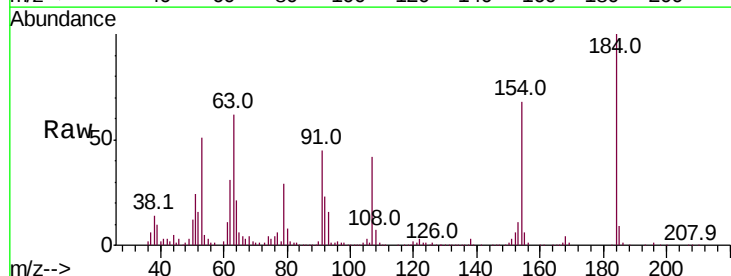
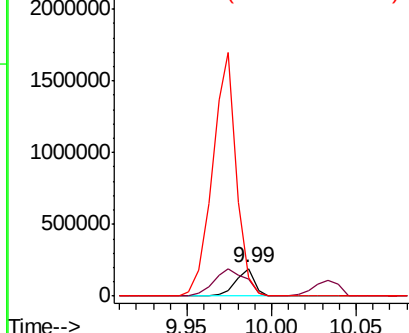
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	62.3	93.5#
154	67.9	56.2	84.2

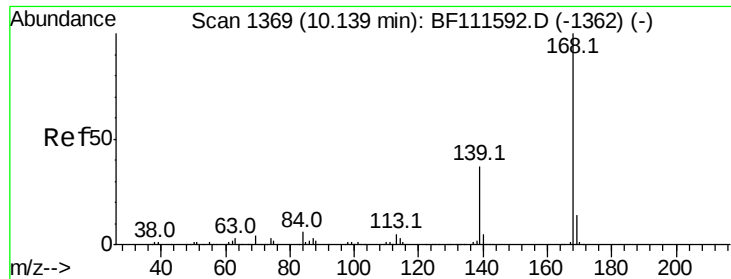
Abundance

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





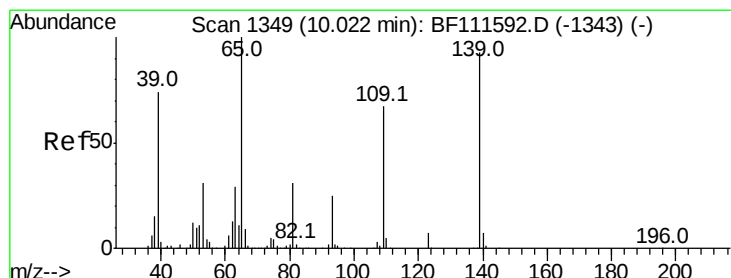
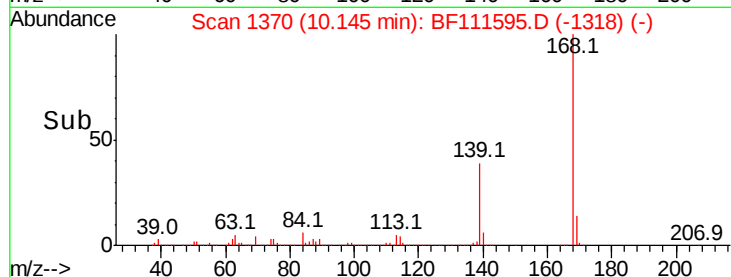
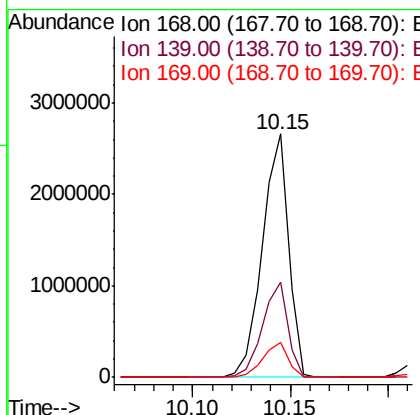
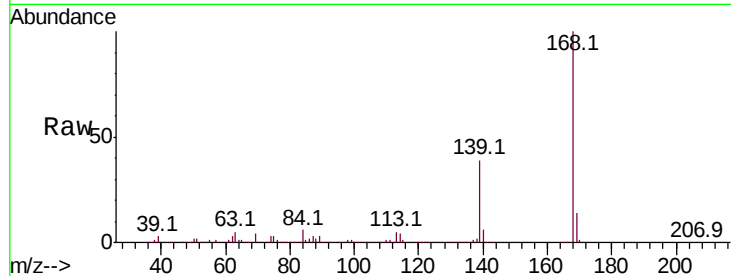
#55
Dibenzofuran
Concen: 73.960 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.6	49.0
169	14.4	11.8	17.6

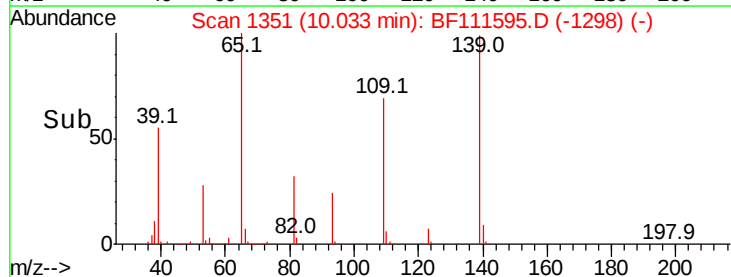
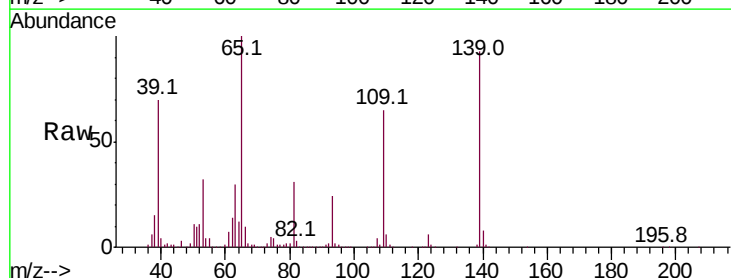
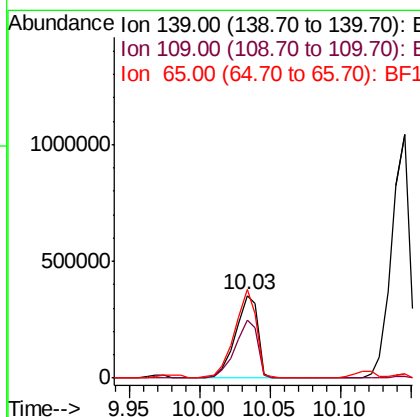
Manual Integrations
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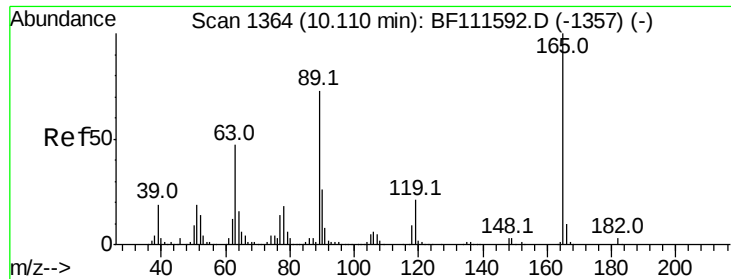
Sohil
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#56
4-Nitrophenol
Concen: 75.375 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	41.8	81.8
65	107.6	79.6	119.6





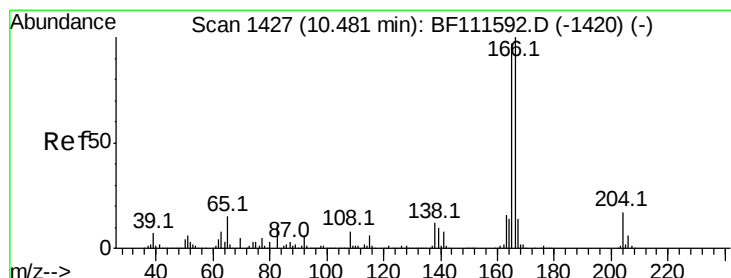
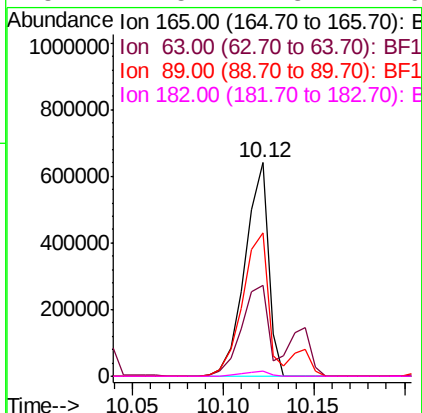
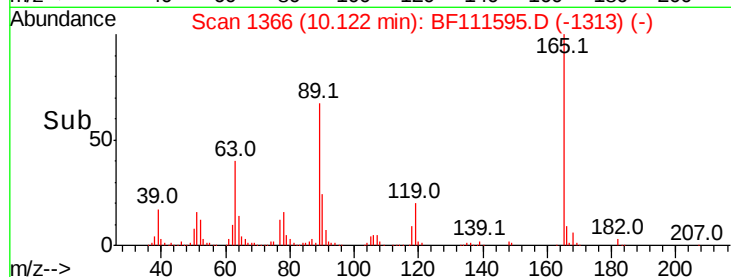
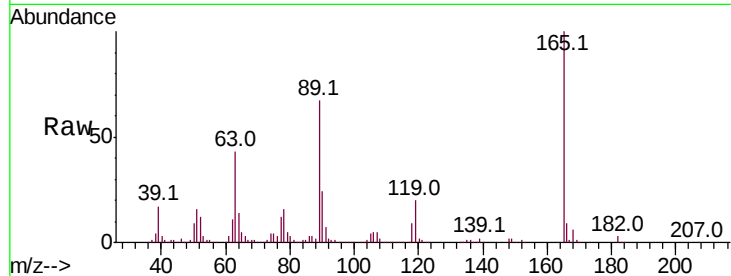
#57
2,4-Dinitrotoluene
Concen: 70.865 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	34.6	52.0
89	67.0	56.2	84.4
182	2.5	1.8	2.6

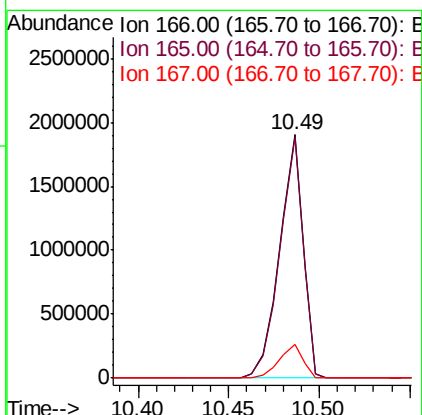
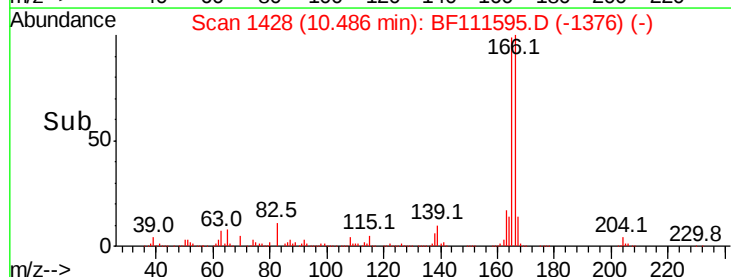
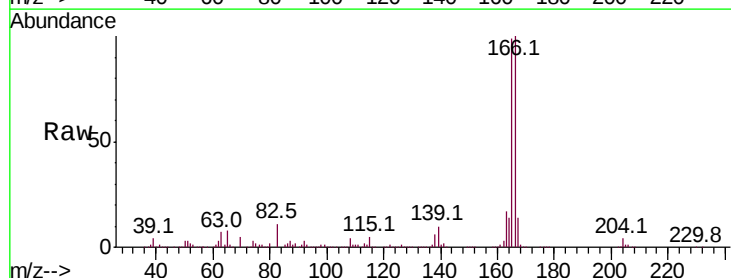
Manual Integrations
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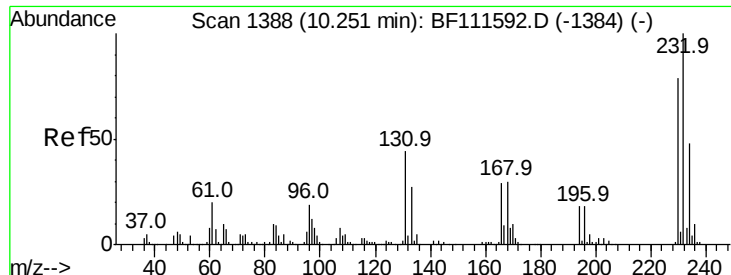
Sohil
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#58
Fluorene
Concen: 70.795 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	13.9	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 89.114 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:232 Resp: 550061
Ion Ratio Lower Upper

232 100

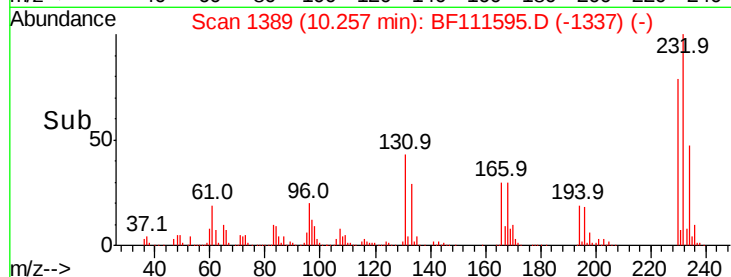
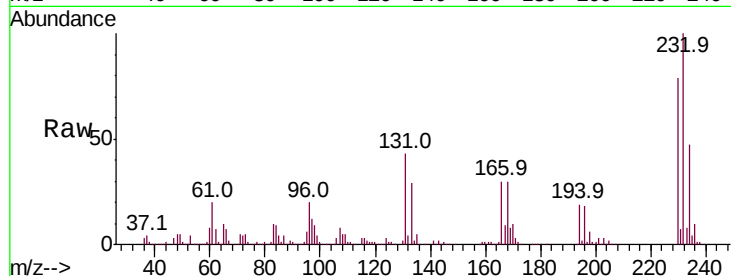
131 43.0 40.9 61.3

130 2.2 2.0 3.0

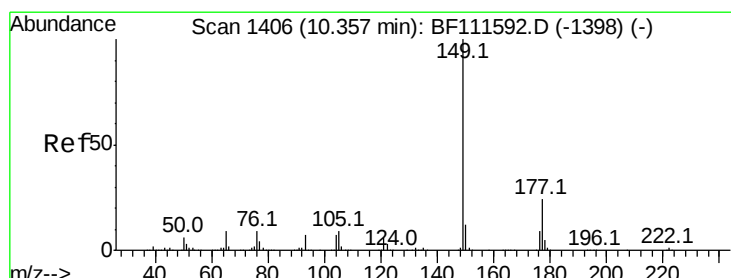
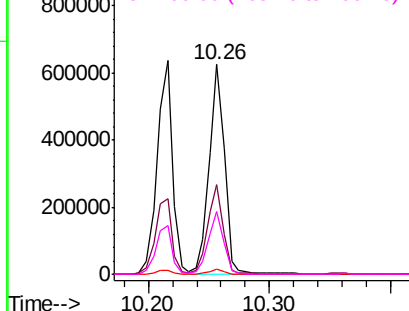
166 29.8 26.8 40.2

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Abundance Ion 232.00 (231.70 to 232.70): E
1000000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 71.918 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF111595.D

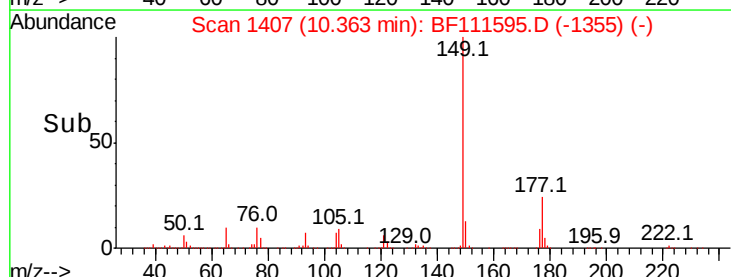
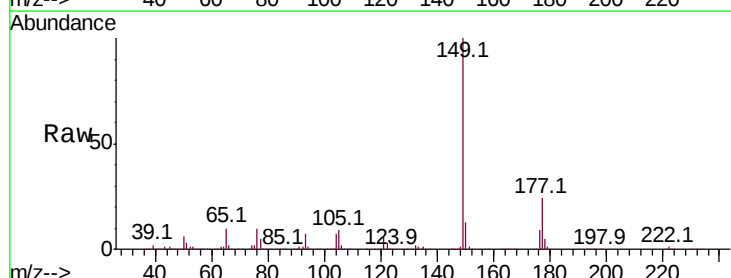
Acq: 19 Dec 2018 17:05

Tgt Ion:149 Resp: 2006756
Ion Ratio Lower Upper

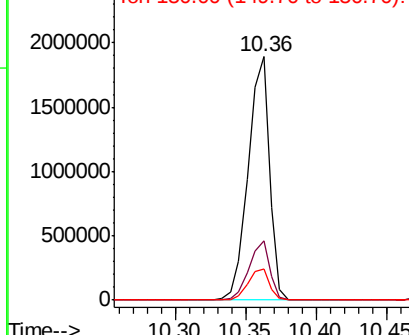
149 100

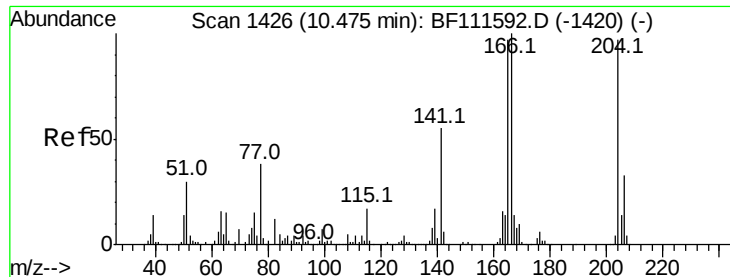
177 24.3 18.3 27.5

150 12.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





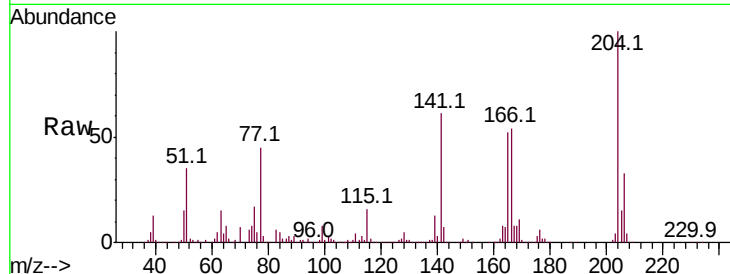
#61
4-Chlorophenyl-phenylether
Concen: 81.574 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

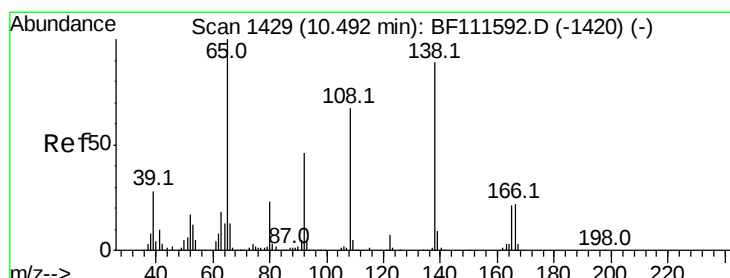
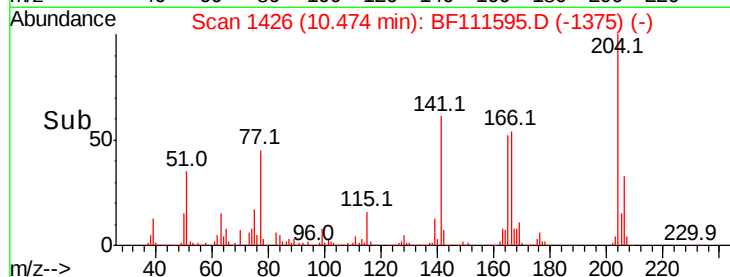
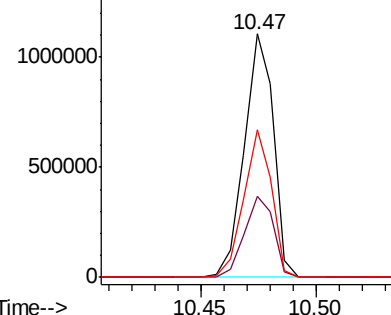
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	60.6	52.6	78.8

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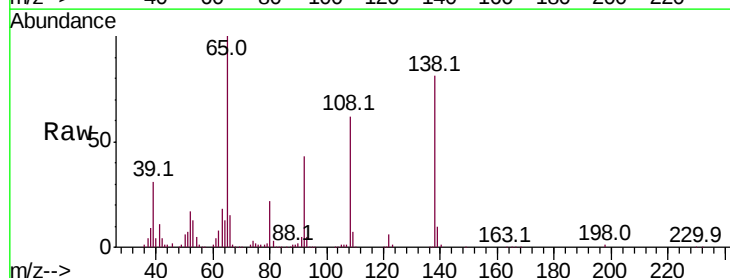


Abundance Ion 204.00 (203.70 to 204.70): E
1500000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

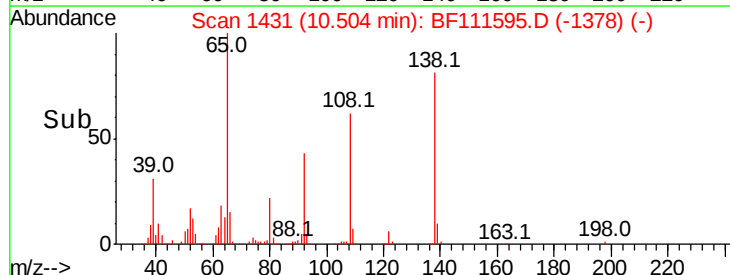
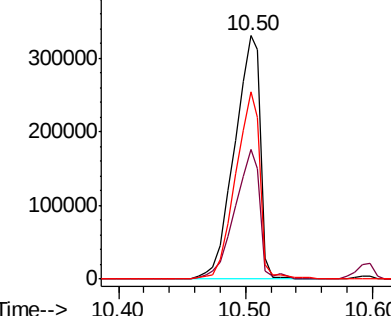


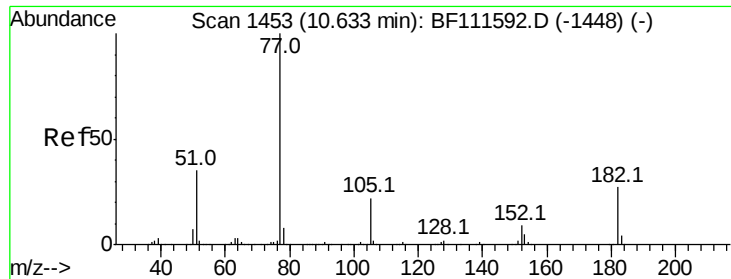
#62
4-Nitroaniline
Concen: 63.224 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	29.9	69.9
108	76.7	43.2	83.2



Abundance Ion 138.00 (137.70 to 138.70): E
400000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 72.923 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 2006027

Ion Ratio Lower Upper

77 100

182 28.7 4.9 44.9

105 21.9 6.0 46.0

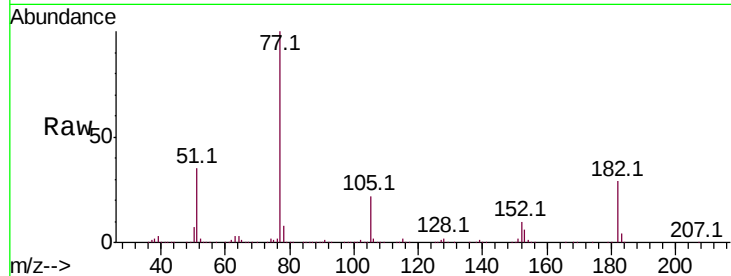
51 34.5 14.7 54.7

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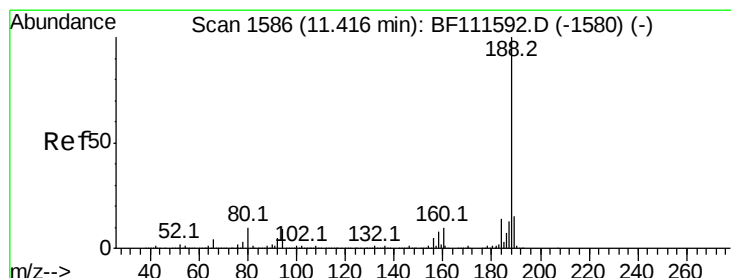
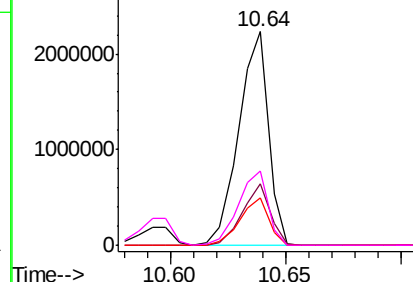
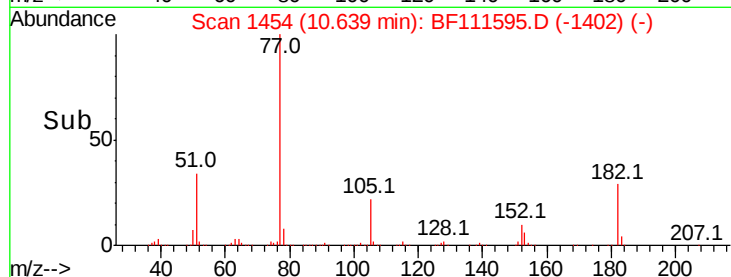


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

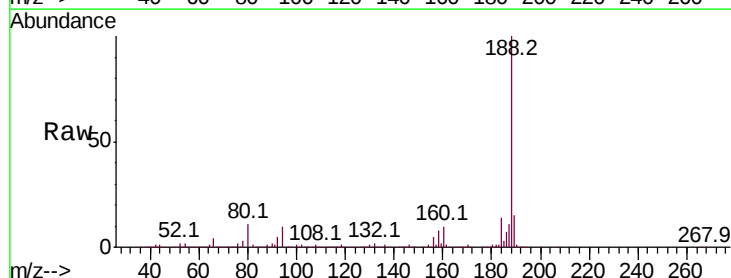
Tgt Ion: 188 Resp: 698398

Ion Ratio Lower Upper

188 100

94 9.6 9.6 14.4#

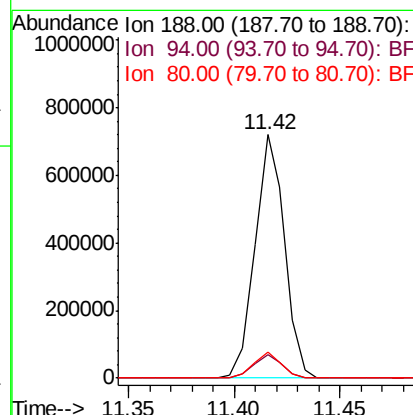
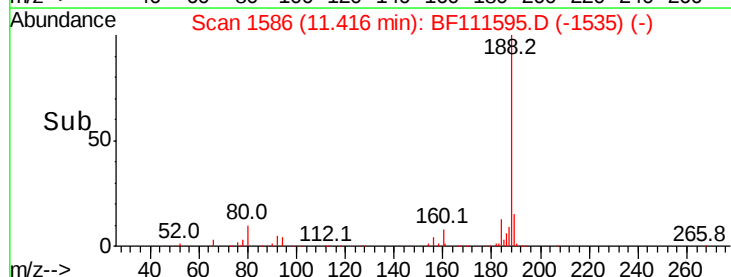
80 10.6 9.8 14.6

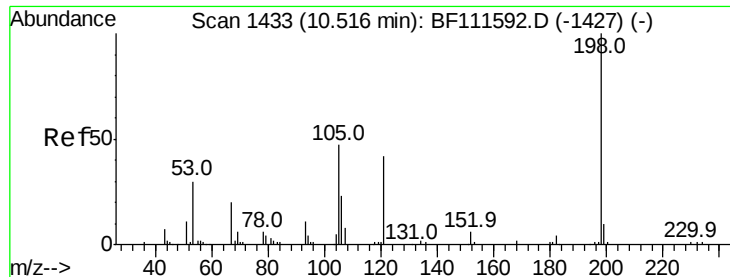


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 63.260 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleID :

SSTDIC080

Tot Ion:198 Resp: 249422

Ion Ratio Lower Upper

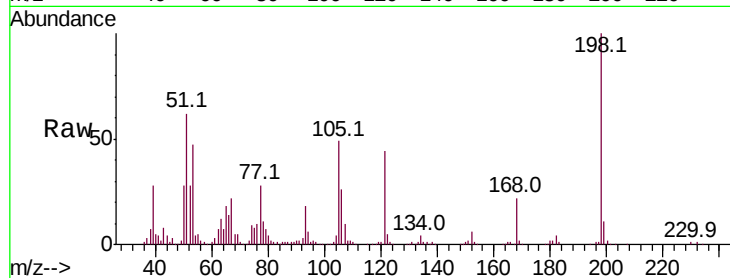
198 100

51 62.3 48.0 88.0

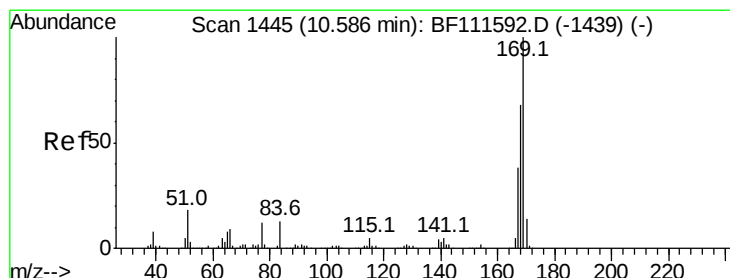
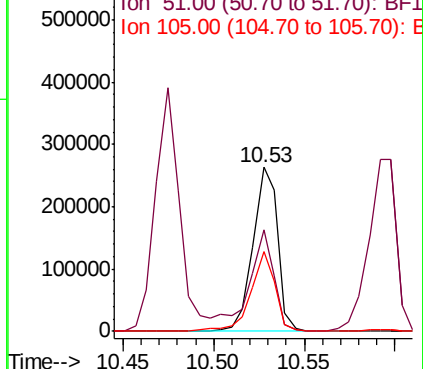
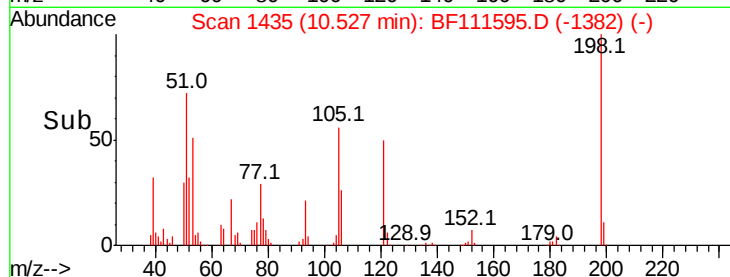
105 48.7 34.0 74.0

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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: 71.830 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

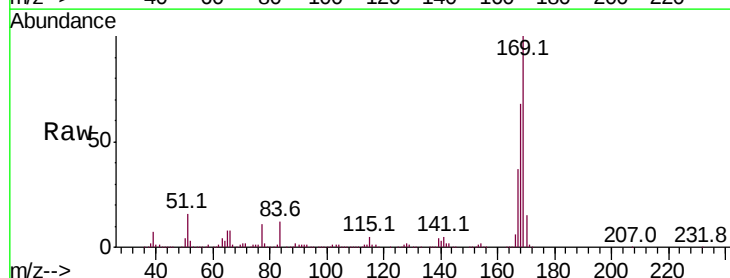
Tgt Ion:169 Resp: 1729962

Ion Ratio Lower Upper

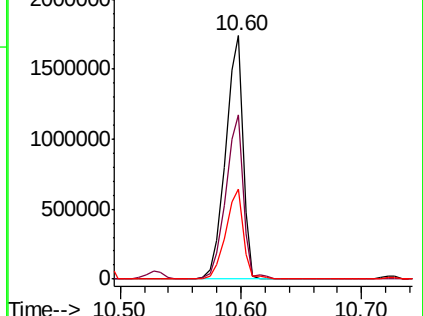
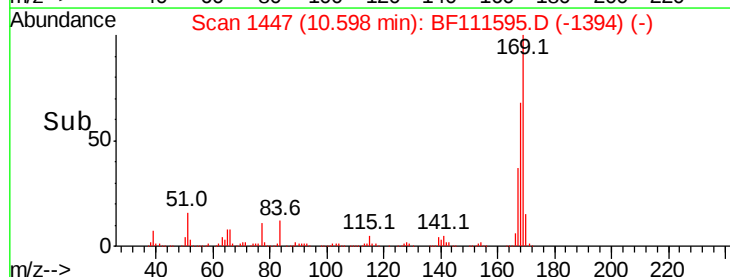
169 100

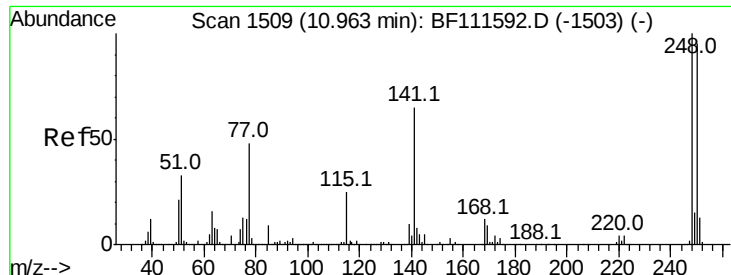
168 67.6 54.4 81.6

167 36.8 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





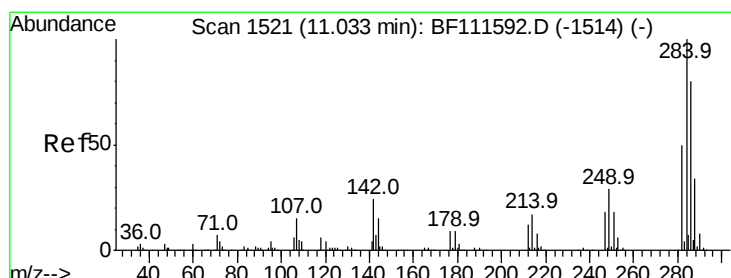
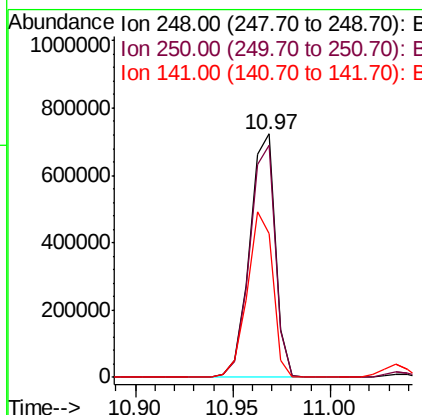
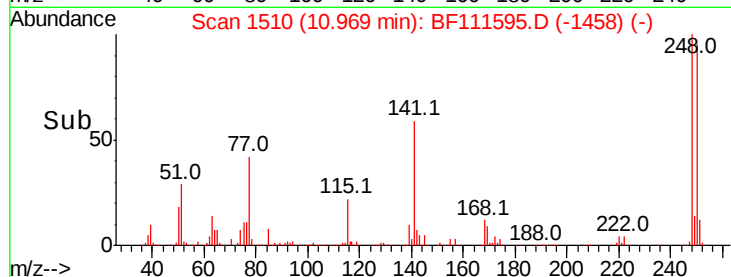
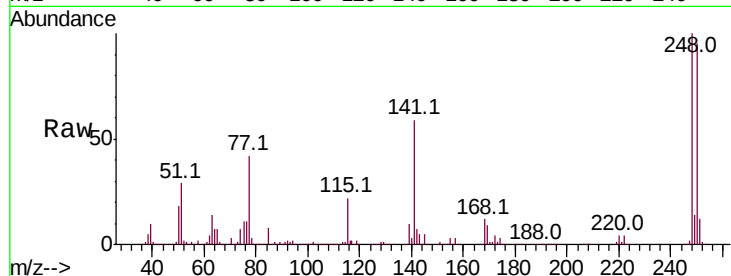
#67
 4-Bromophenyl-phenylether
 Concen: 87.138 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.0	115.4
141	59.1	63.0	94.6

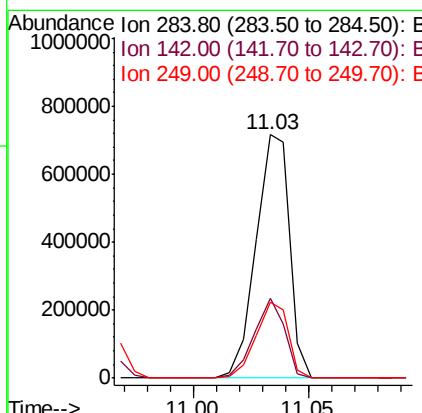
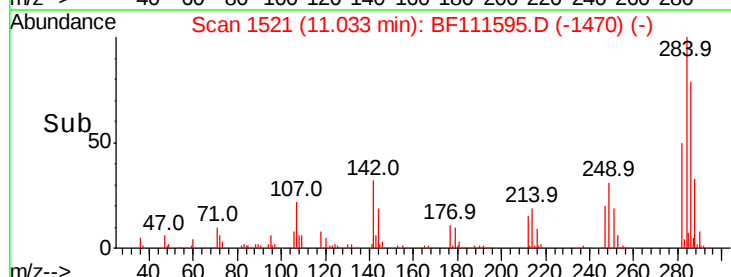
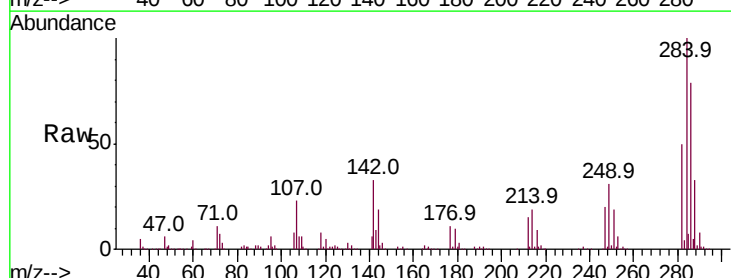
Manual Integrations
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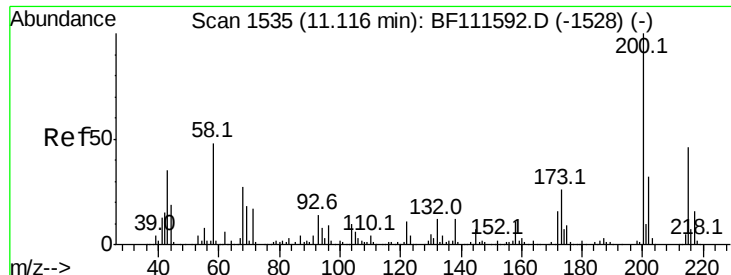
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#68
 Hexachlorobenzene
 Concen: 93.791 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.4	41.2
249	31.2	24.4	36.6





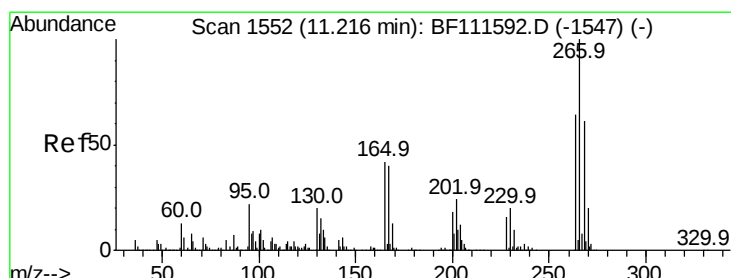
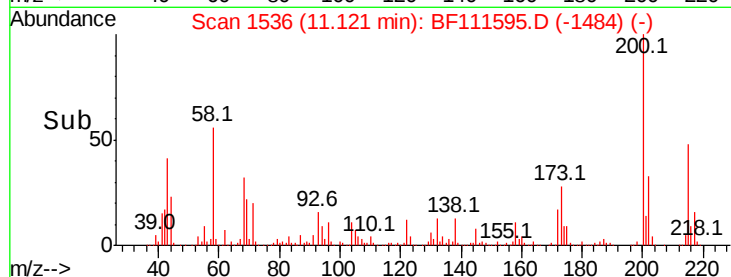
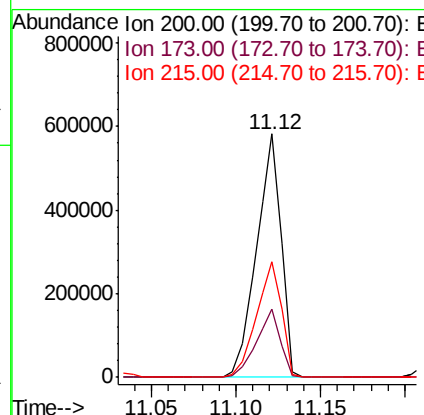
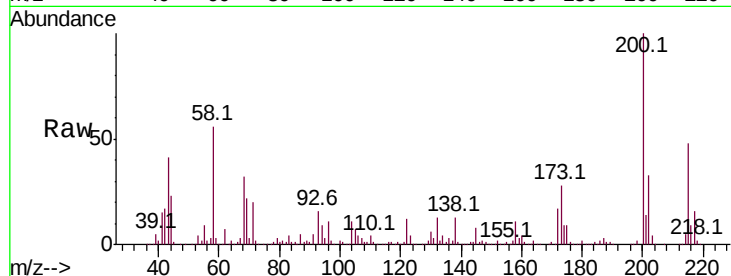
#69
Atrazine
Concen: 84.861 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	10.1	50.1
215	47.6	26.9	66.9

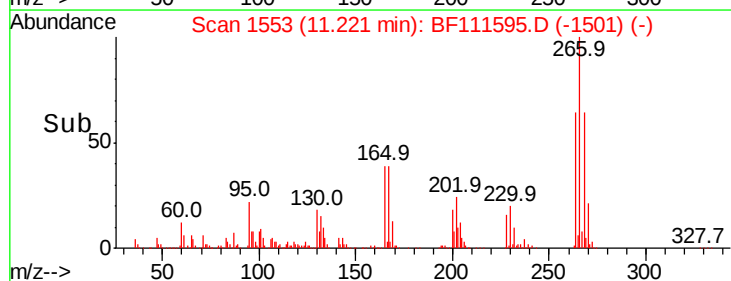
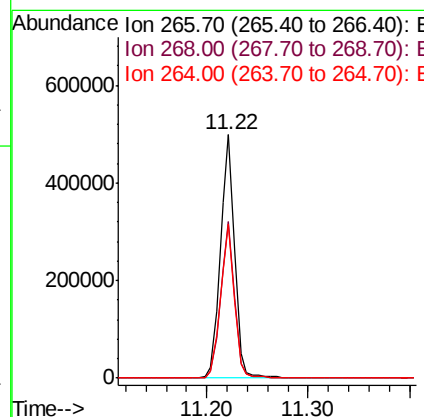
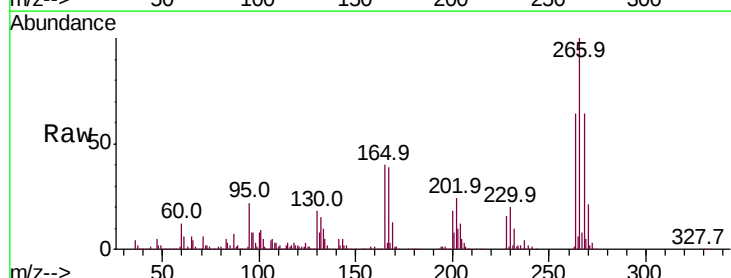
Manual Integrations
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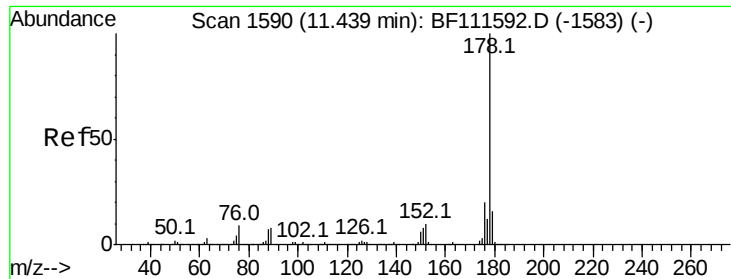
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#70
Pentachlorophenol
Concen: 102.832 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	47.9	71.9
264	63.5	49.1	73.7





#71

Phenanthrene

Concen: 72.626 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2613612

Ion Ratio Lower Upper

178 100

176 21.5 18.1 27.1

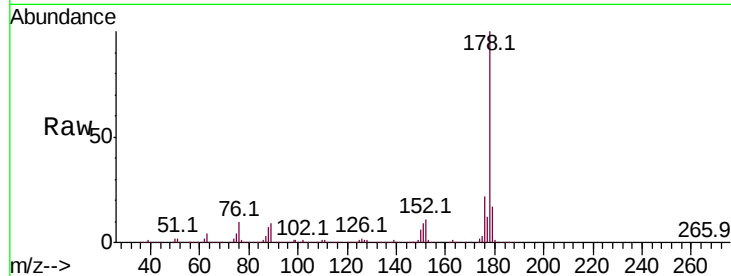
179 17.0 14.0 21.0

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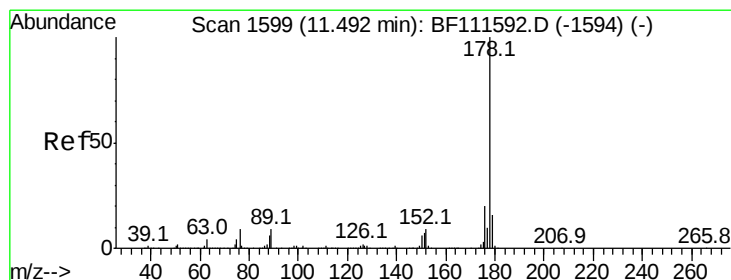
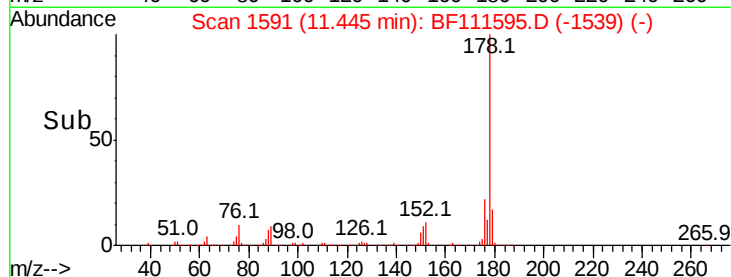
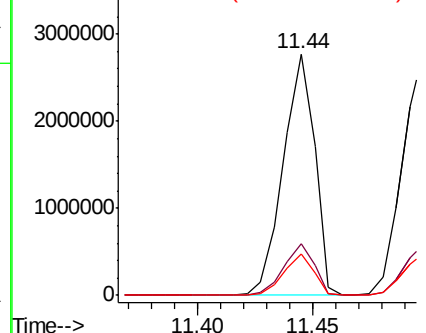
12/20/2018 12:41:53 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 70.722 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

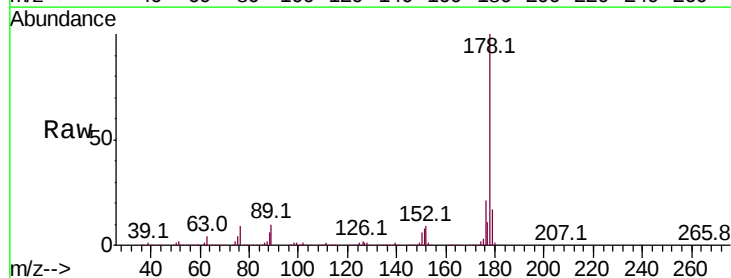
Tgt Ion:178 Resp: 2602804

Ion Ratio Lower Upper

178 100

176 21.1 17.2 25.8

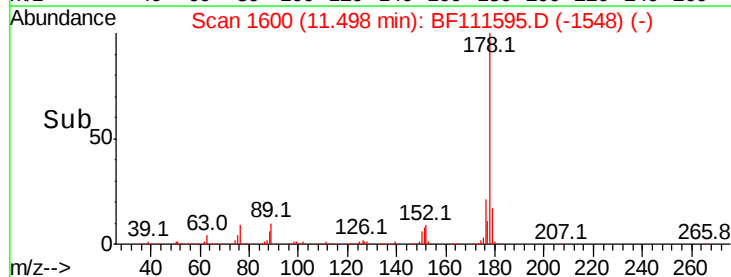
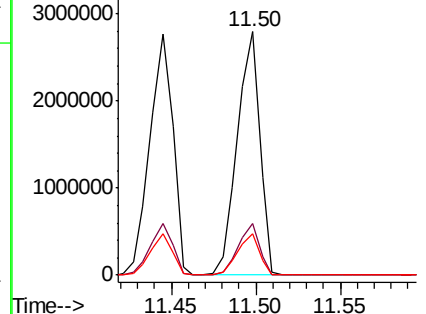
179 16.9 13.8 20.8

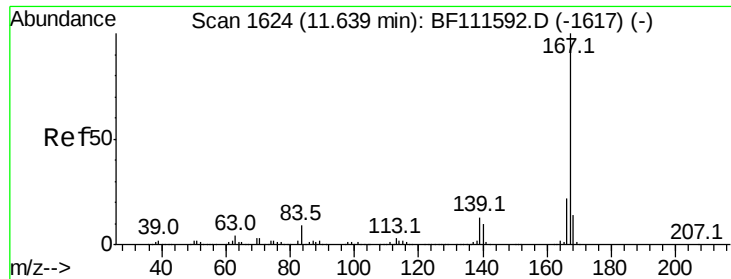


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





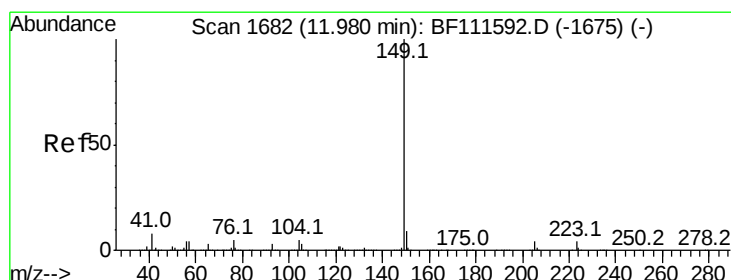
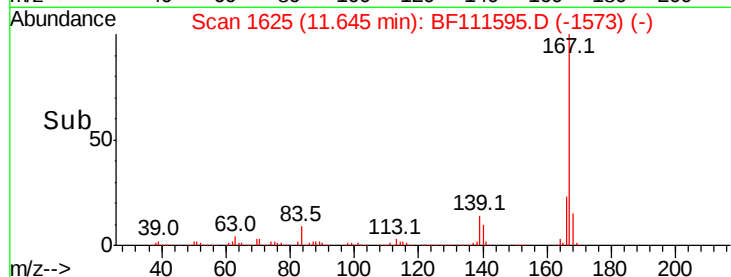
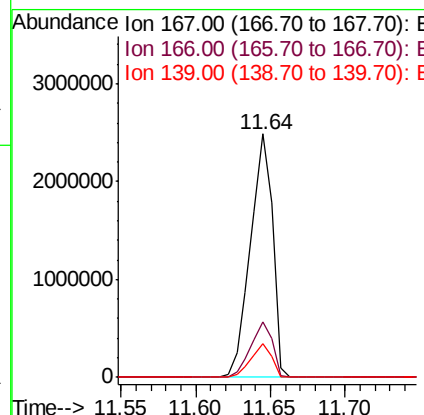
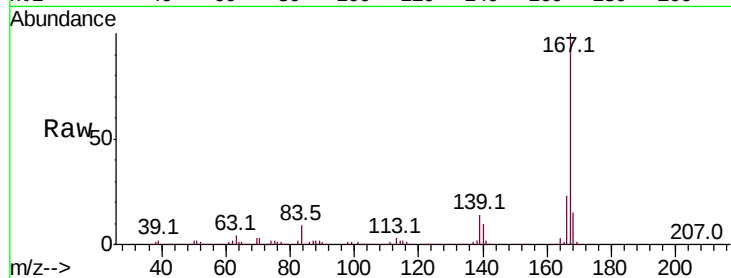
#73
 Carbazole
 Concen: 67.137 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	14.1	11.9	17.9

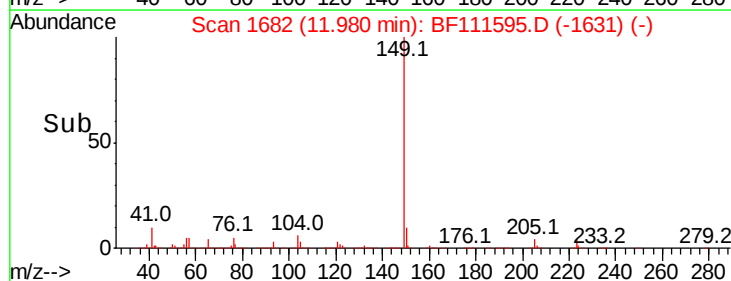
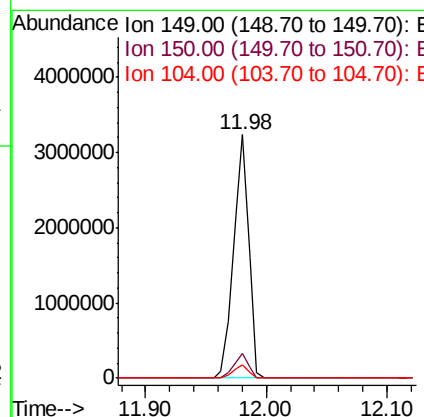
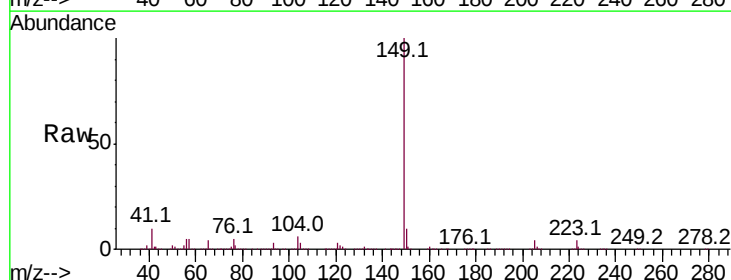
Manual Integrations
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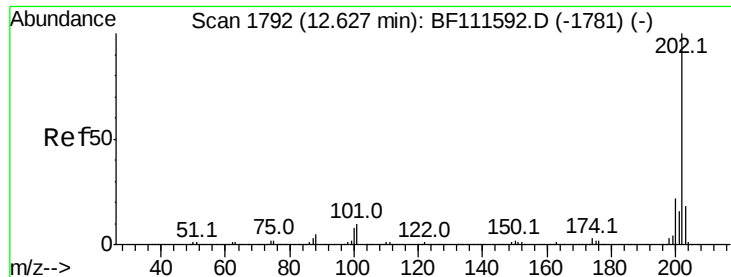
Sohil
 12/20/2018 12:41:53 PM



#74
 Di-n-butylphthalate
 Concen: 66.141 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	5.5	4.5	6.7





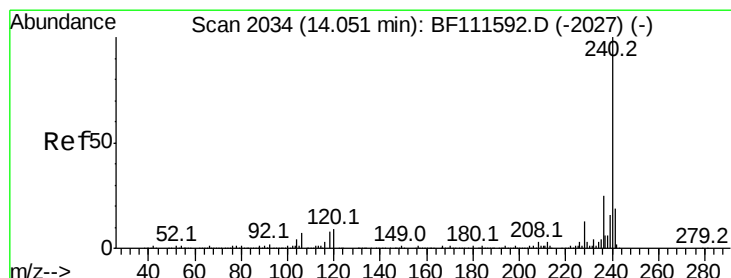
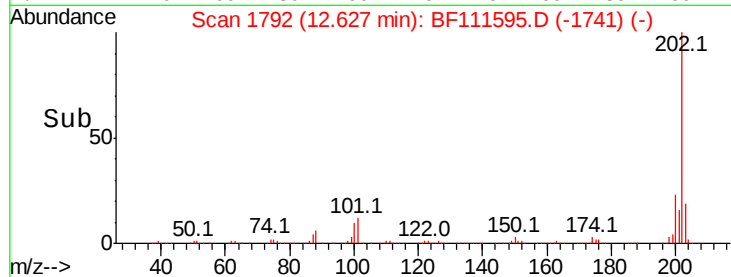
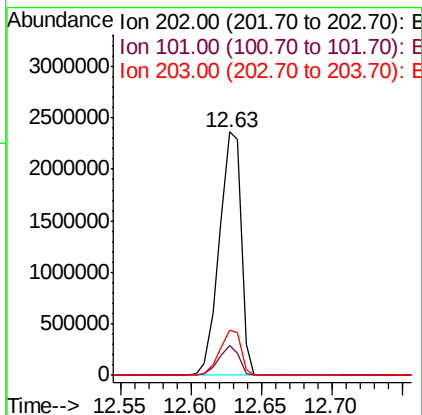
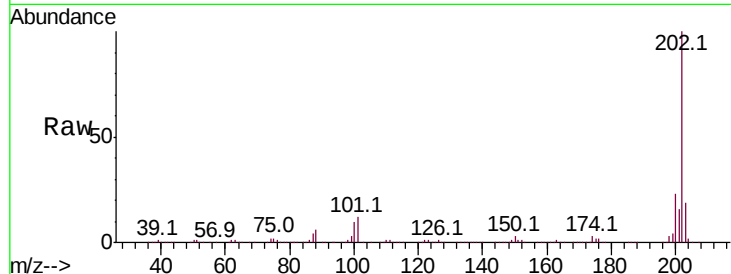
#75
 Fluoranthene
 Concen: 71.969 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	18.7	0.0	38.6

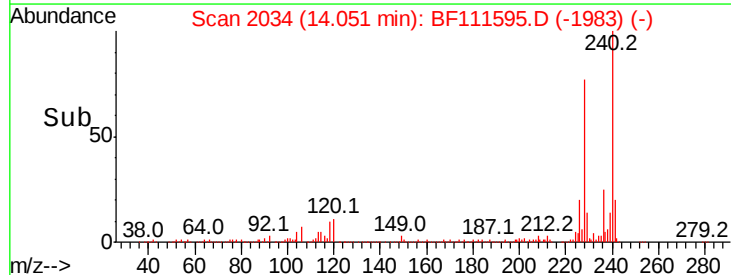
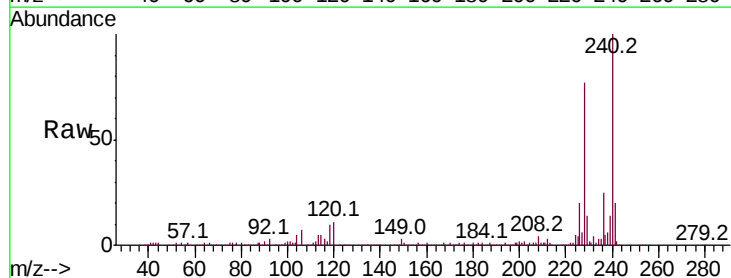
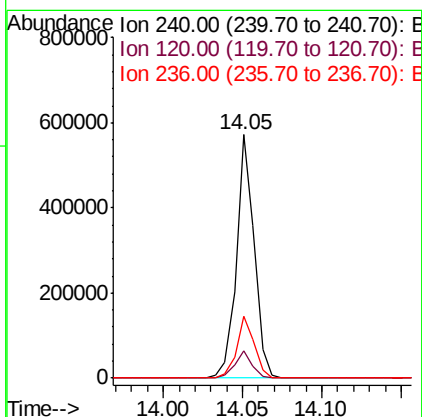
Manual Integrations
 APPROVED

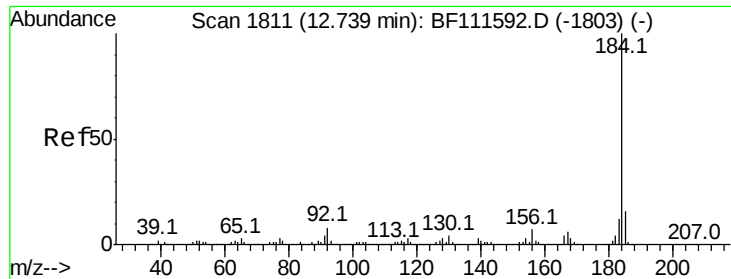
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.2	18.2#
236	25.3	20.2	30.2





#77

Benzidine

Concen: 73.666 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 1198486

Ion Ratio Lower Upper

184 100

185 21.1 13.0 19.6#

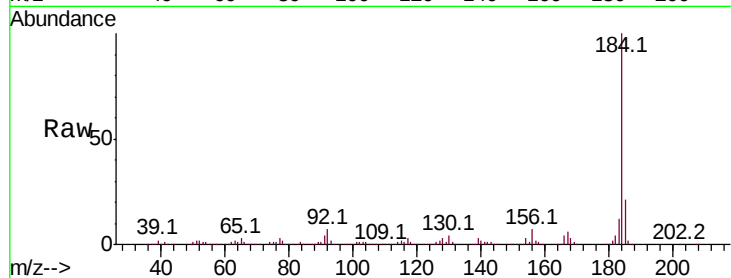
183 12.3 9.3 13.9

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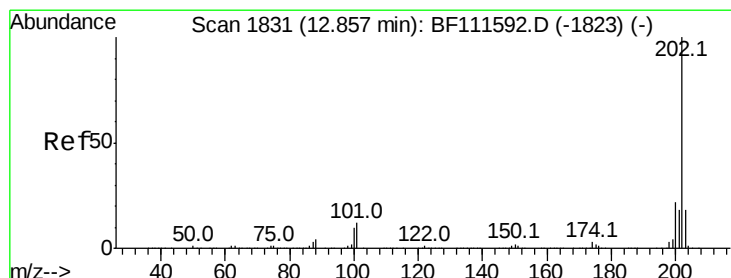
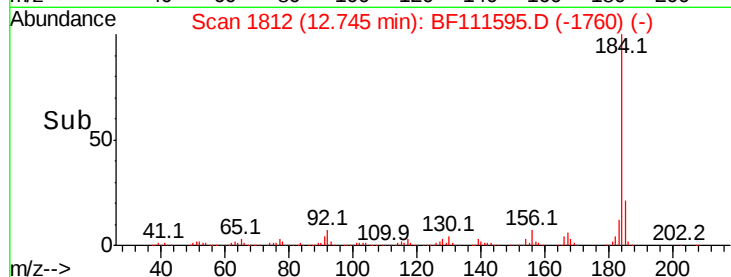
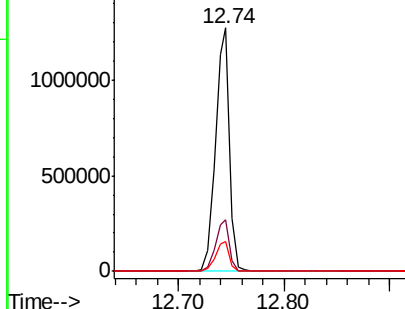
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 81.710 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

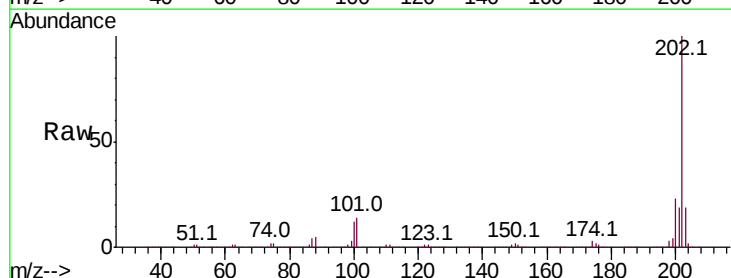
Tgt Ion:202 Resp: 2549620

Ion Ratio Lower Upper

202 100

200 23.3 19.0 28.4

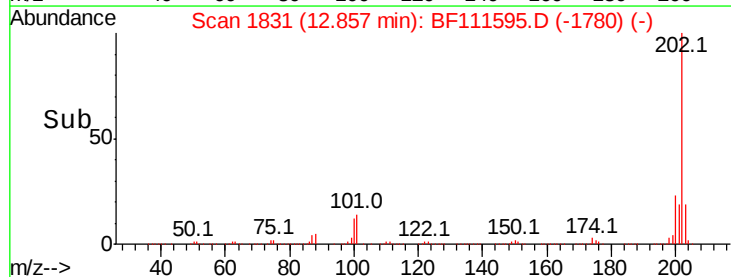
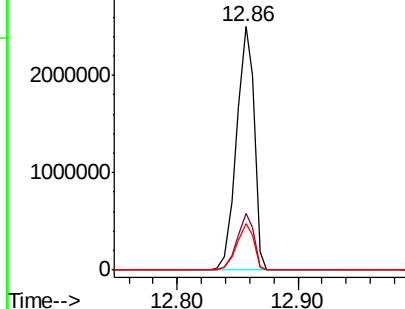
203 19.0 15.2 22.8

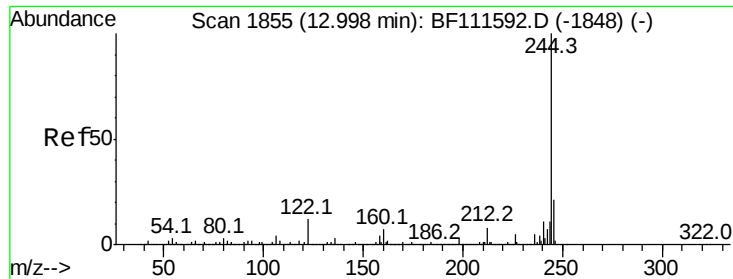


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 185.577 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 3497593

Ion Ratio Lower Upper

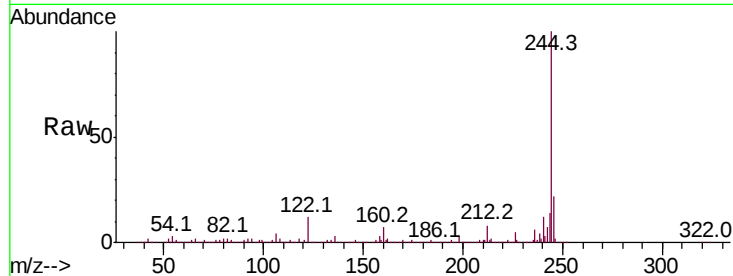
244 100

212 7.8 5.7 8.5

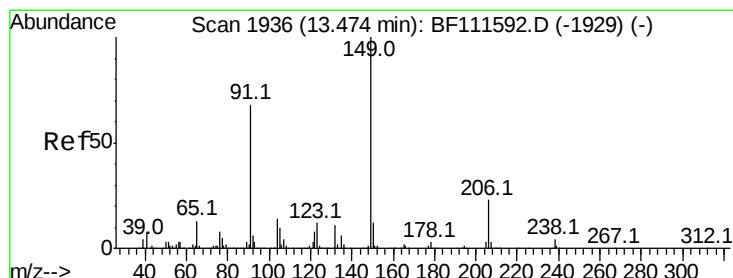
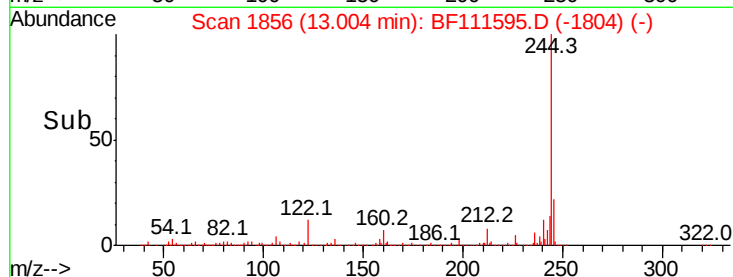
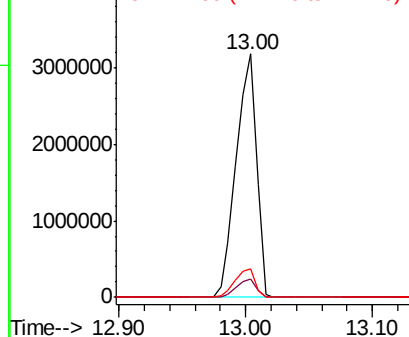
122 11.8 13.1 19.7#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 67.131 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

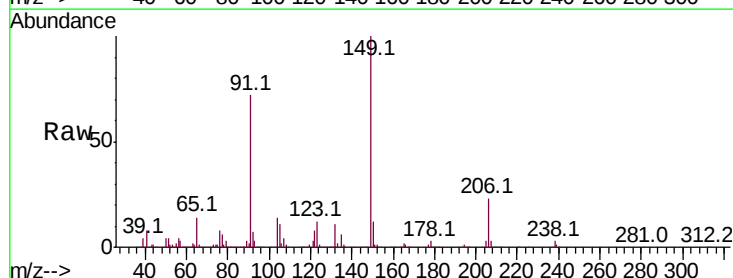
Tgt Ion:149 Resp: 1021014

Ion Ratio Lower Upper

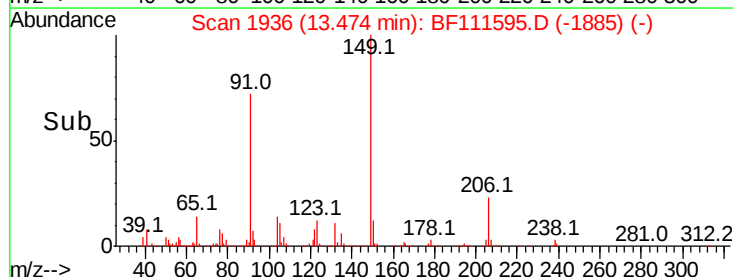
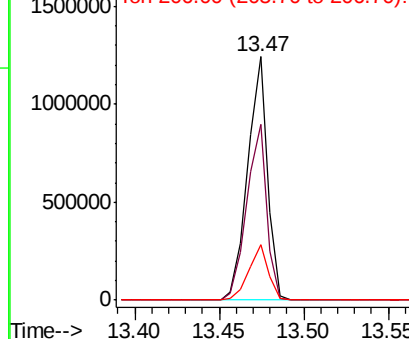
149 100

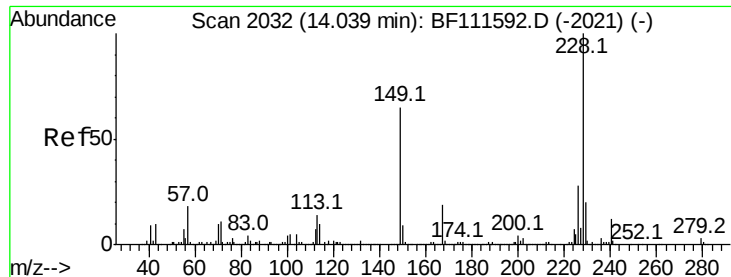
91 72.1 63.8 95.6

206 22.5 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 76.713 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1846061

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

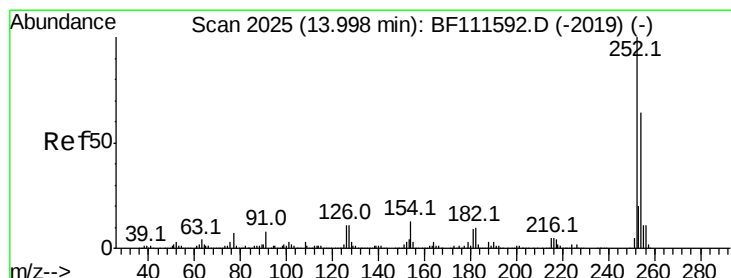
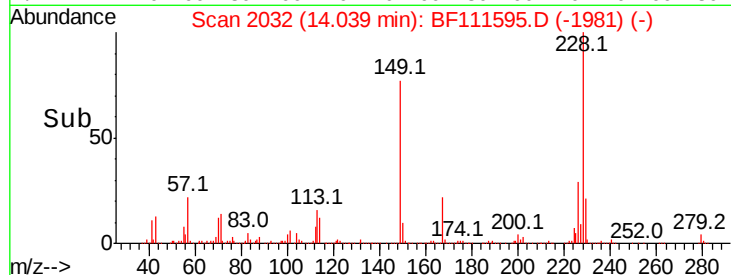
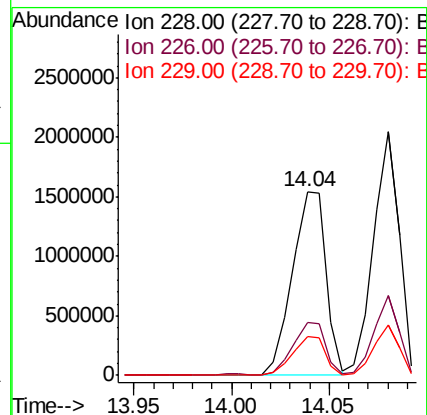
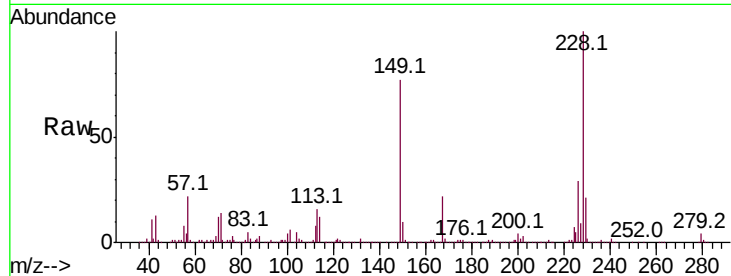
229 20.8 16.3 24.5

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#82

3,3'-Dichlorobenzidine

Concen: 72.900 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

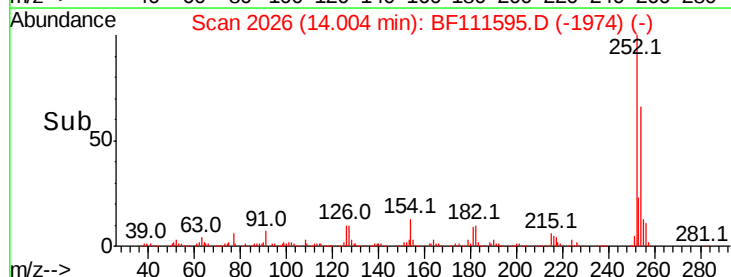
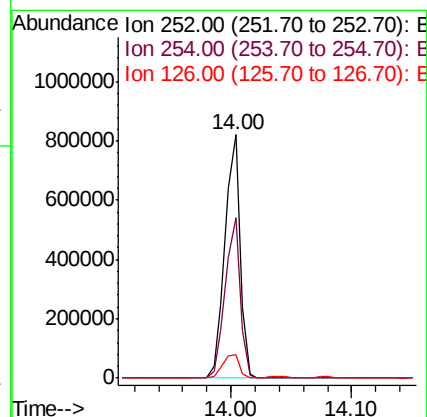
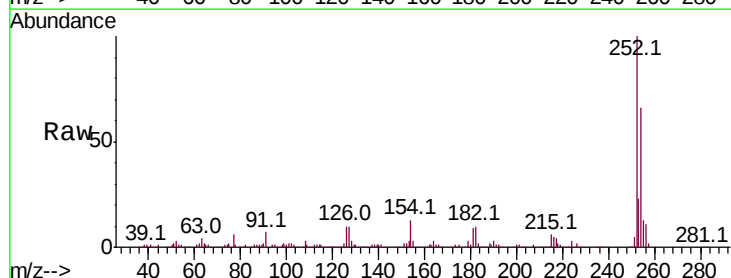
Tgt Ion:252 Resp: 713172

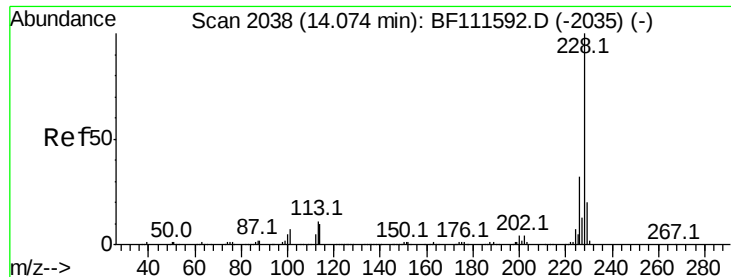
Ion Ratio Lower Upper

252 100

254 65.7 52.7 79.1

126 9.7 11.1 16.7#





#83
 Chrysene
 Concen: 73.795 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

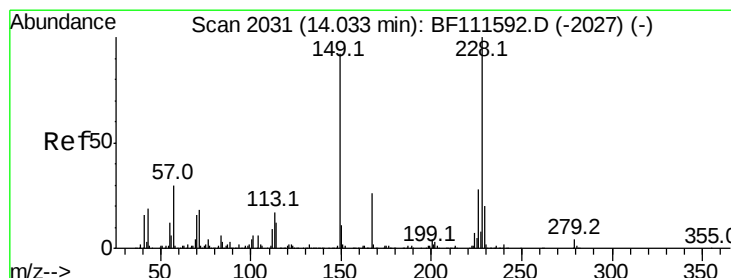
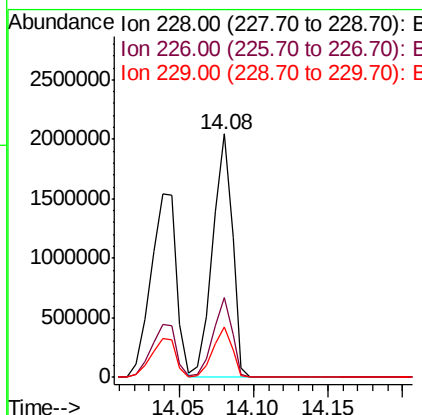
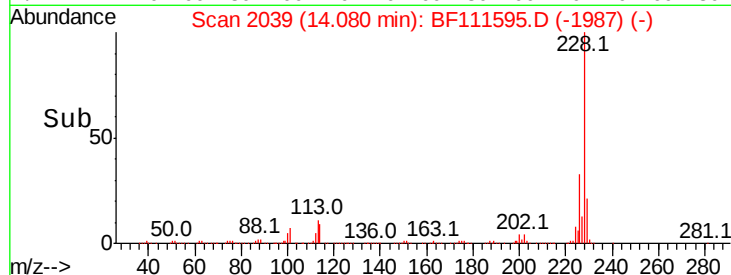
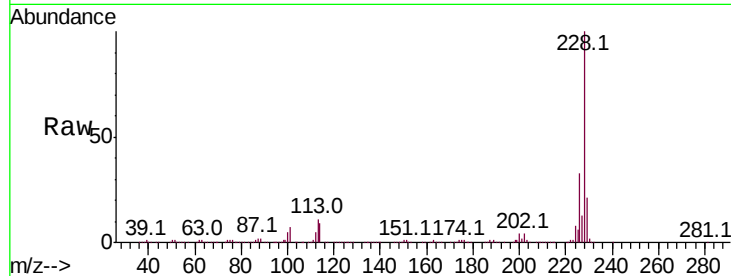
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:228 Resp: 1870747

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.3	37.9
229	20.6	17.2	25.8

Manual Integrations
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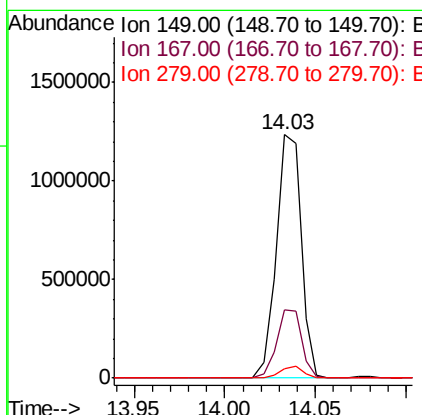
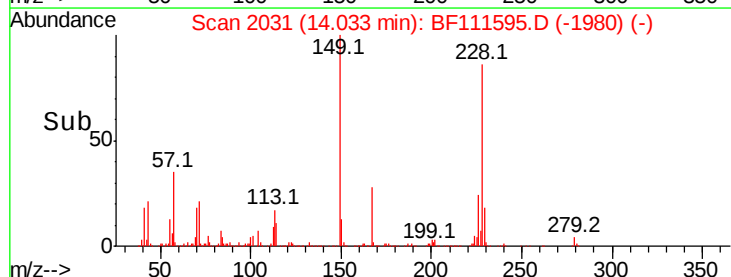
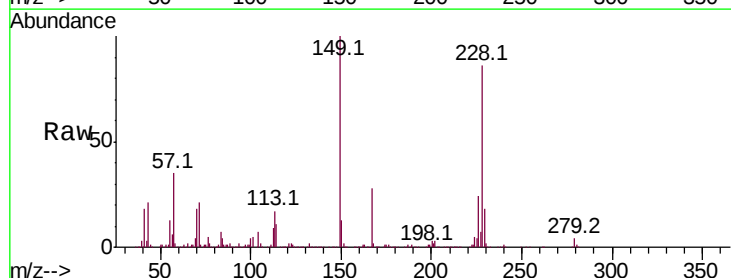
Sohil
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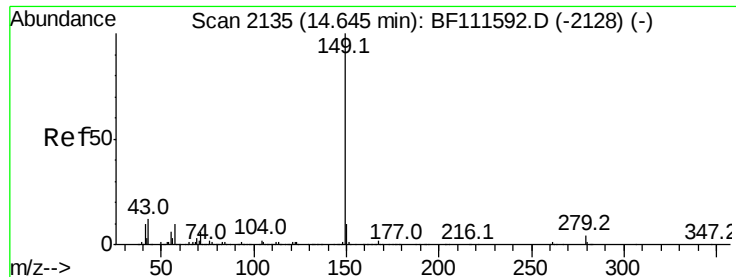


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.690 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111595.D
 Acq: 19 Dec 2018 17:05

Tgt Ion:149 Resp: 1178978

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.9	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 57.305 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1877731

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

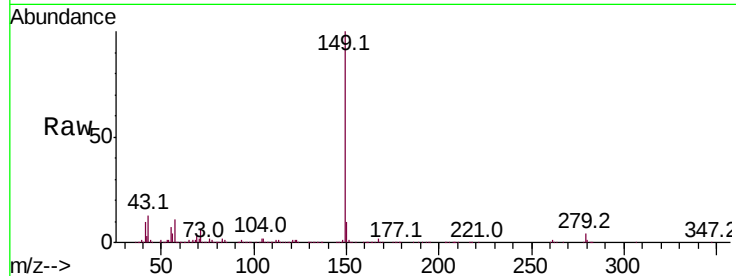
43 11.9 10.9 16.3

Manual Integrations

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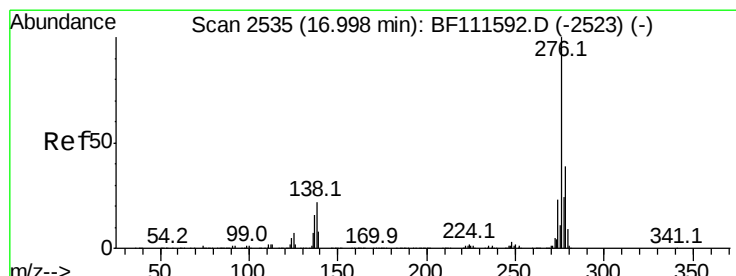
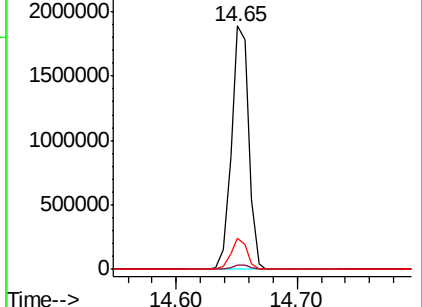
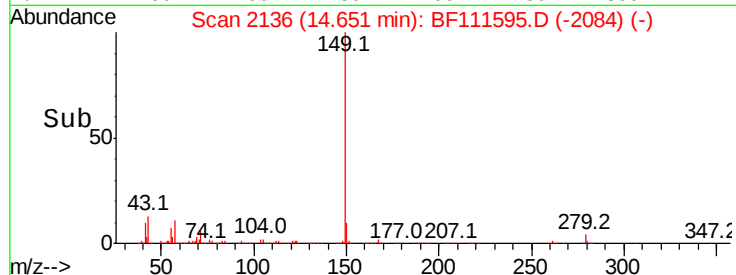
12/20/2018 12:41:53 PM



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: 110.008 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

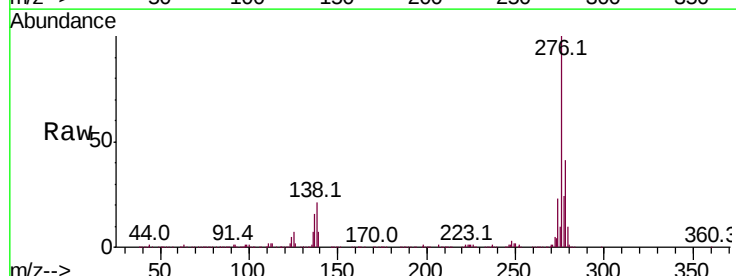
Tgt Ion:276 Resp: 2012735

Ion Ratio Lower Upper

276 100

138 24.2 27.8 41.6#

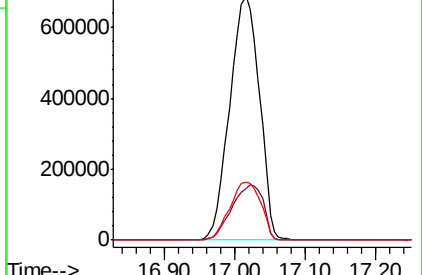
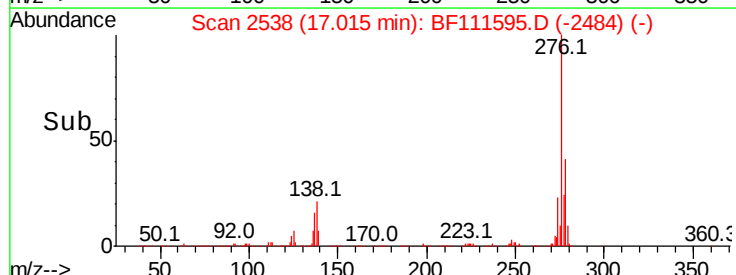
277 25.0 20.1 30.1

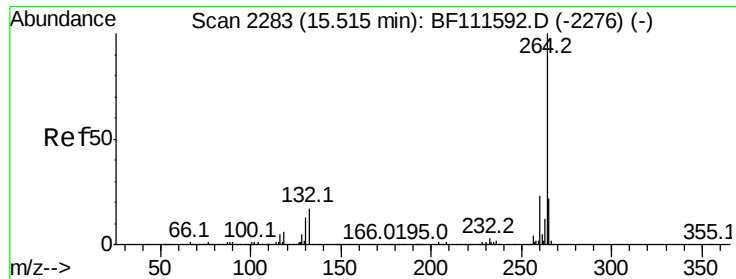


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





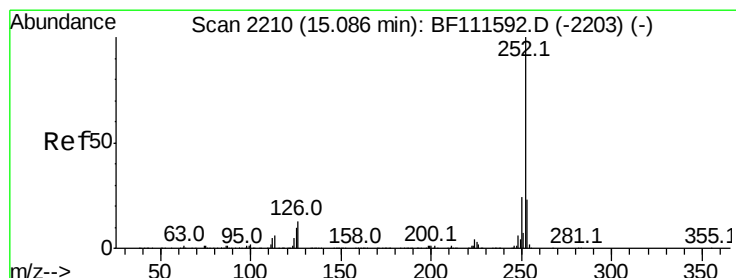
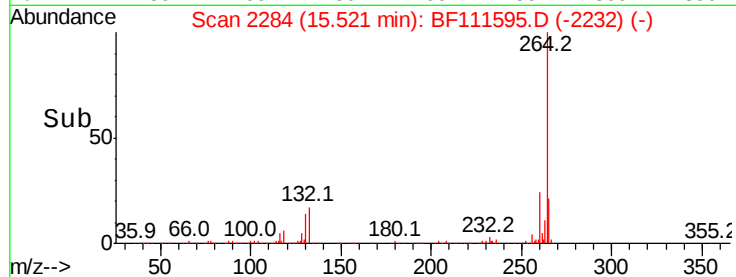
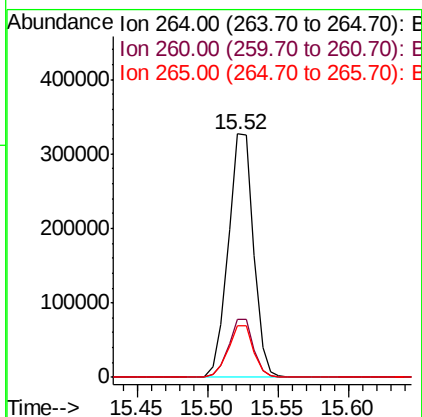
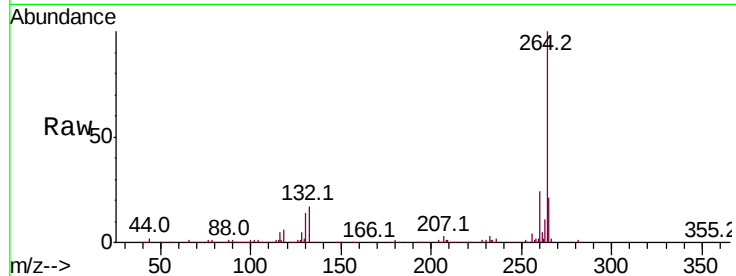
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.0	17.7	26.5

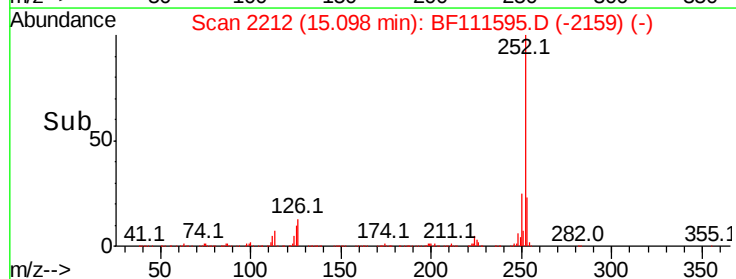
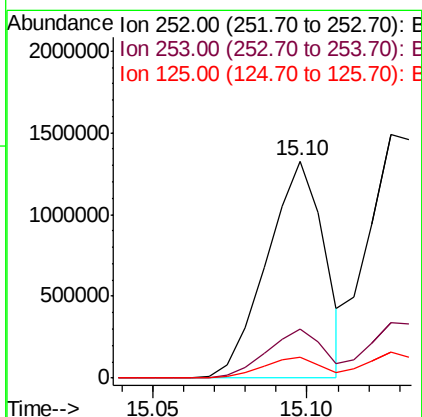
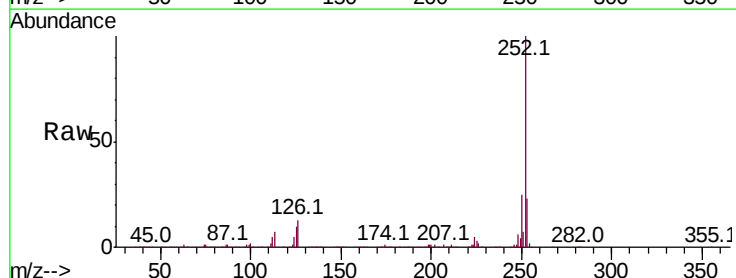
Manual Integrations
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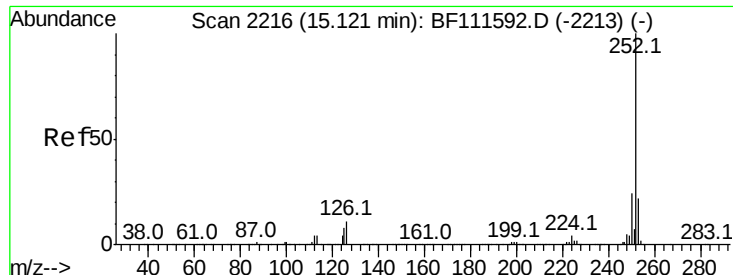
Sohil
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#88
Benzo(b)fluoranthene
Concen: 72.741 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.9	10.4	15.6#





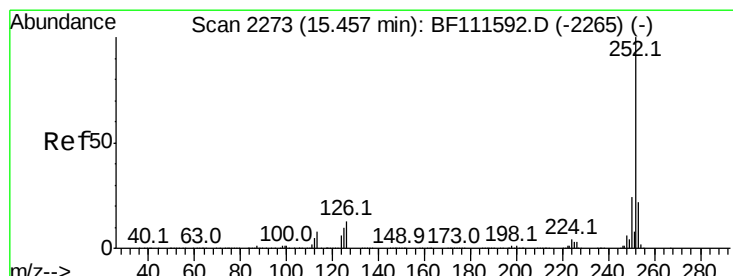
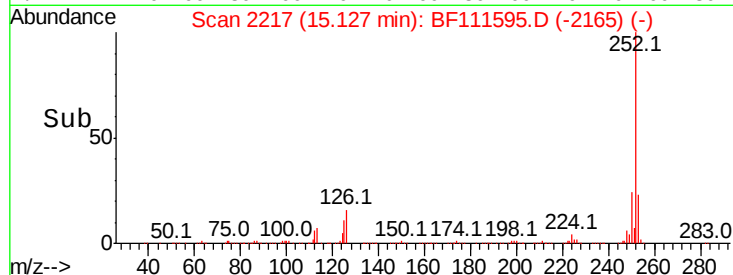
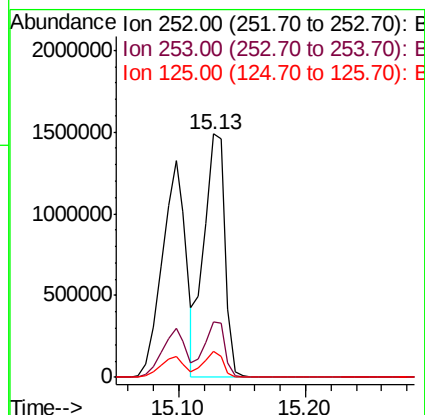
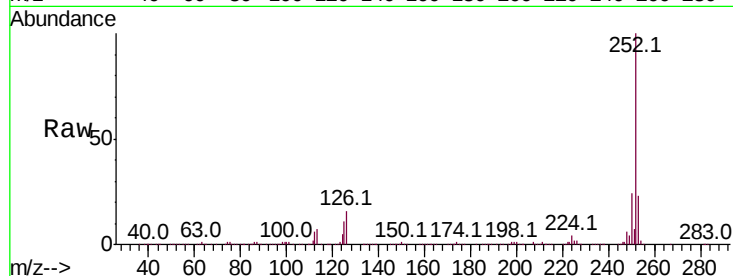
#89
Benzo(k)fluoranthene
Concen: 75.528 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.7	9.8	14.8

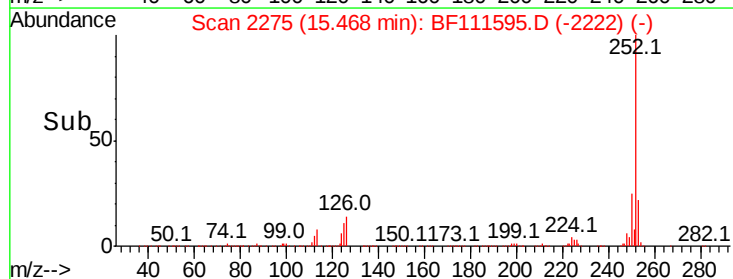
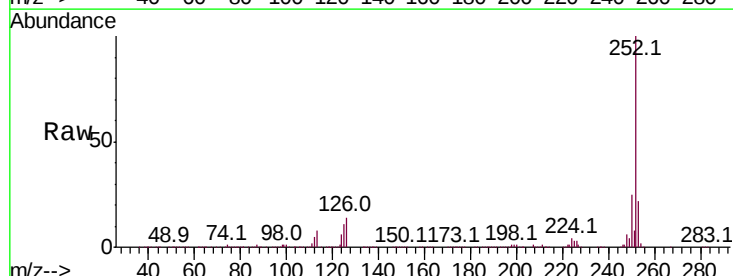
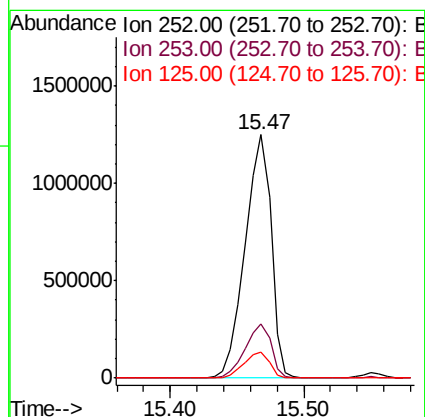
Manual Integrations
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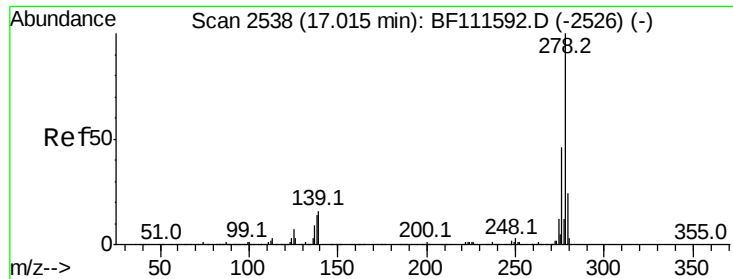
Sohil
12/20/2018 12:41:53 PM



#90
Benzo(a)pyrene
Concen: 78.588 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.8	12.3	18.5





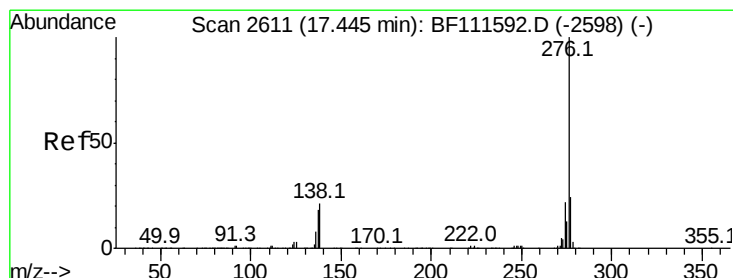
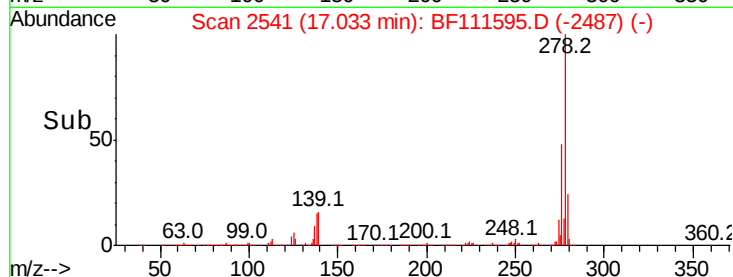
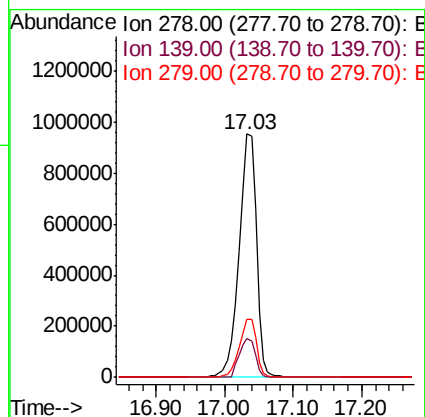
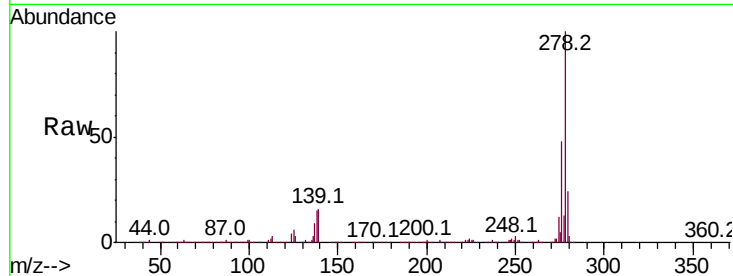
#91
Dibenzo(a,h)anthracene
Concen: 98.620 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:278 Resp: 1665808
Ion Ratio Lower Upper
278 100
139 16.0 18.2 27.4#
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 12:41:53 PM



#92
Benzo(g,h,i)perylene
Concen: 101.579 ng
RT: 17.47 min Scan# 2615
Delta R.T. 0.02 min
Lab File: BF111595.D
Acq: 19 Dec 2018 17:05

Tgt Ion:276 Resp: 1684196
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 21.2 24.9 37.3#

