

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108326.D
 Acq On : 21 Aug 2018 8:52
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 11:28:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	244313	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	960210	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	500651	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	981709	20.00	ng	0.00
75) Chrysene-d12	14.22	240	586753	20.00	ng	0.00
86) Perylene-d12	15.79	264	463392	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1040350	77.09	ng	0.02
7) Phenol-d6	6.65	99	1426629	79.56	ng	0.02
23) Nitrobenzene-d5	7.59	82	1361681	79.13	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	422996	84.70	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2361370	75.72	ng	0.00
78) Terphenyl-d14	13.15	244	2216250	96.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	244212	35.220	ng	91
3) Pyridine	3.71	79	662484	37.089	ng	86
4) n-Nitrosodimethylamine	3.70	42	355558	35.376	ng	88
6) Aniline	6.69	93	978291	40.107	ng	97
8) 2-Chlorophenol	6.81	128	599753	39.461	ng	100
9) Benzaldehyde	6.58	77	509622	36.655	ng	96
10) Phenol	6.67	94	797464	42.992	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	582693	38.856	ng	92
12) 1,3-Dichlorobenzene	6.97	146	685205	38.991	ng	99
13) 1,4-Dichlorobenzene	7.04	146	681210	38.581	ng	99
14) 1,2-Dichlorobenzene	7.20	146	626406	38.141	ng	97
15) Benzyl Alcohol	7.16	79	581432	38.515	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1061991	34.376	ng	99
17) 2-Methylphenol	7.27	107	530089	40.671	ng	94
18) Hexachloroethane	7.53	117	246049	39.143	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	446286	36.802	ng	93
20) 3+4-Methylphenols	7.42	107	632604	37.875	ng	90
22) Acetophenone	7.43	105	839209	37.378	ng	# 92
24) Nitrobenzene	7.61	77	680226	39.092	ng	95
25) Isophorone	7.84	82	1255044	38.265	ng	97
26) 2-Nitrophenol	7.92	139	301850	45.935	ng	88
27) 2,4-Dimethylphenol	7.95	122	563379	38.702	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	731948	38.228	ng	99
29) 2,4-Dichlorophenol	8.16	162	545201	40.698	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	574427	38.892	ng	98
31) Naphthalene	8.33	128	1689733	38.695	ng	98
32) Benzoic acid	8.07	122	173747	23.983	ng	94
33) 4-Chloroaniline	8.37	127	748473	39.330	ng	95
34) Hexachlorobutadiene	8.44	225	358197	38.310	ng	100
35) Caprolactam	8.77	113	167692	39.945	ng	# 80
36) 4-Chloro-3-methylphenol	8.85	107	570114	39.450	ng	99
37) 2-Methylnaphthalene	9.02	142	1184609	38.342	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	601839	39.145	ng	98
40) Hexachlorocyclopentadiene	9.17	237	300623	30.273	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	398349	41.753	nq	100
43) 2,4,5-Trichlorophenol	9.34	196	439267	41.825	nq	# 93
45) 1,1'-Biphenyl	9.48	154	1420726	38.489	nq	98
46) 2-Chloronaphthalene	9.51	162	1127687	38.653	nq	99
47) 2-Nitroaniline	9.61	65	397748	42.135	nq	87
48) Acenaphthylene	9.94	152	1764375	38.254	nq	98
49) Dimethylphthalate	9.78	163	1355186	38.859	nq	# 99
50) 2,6-Dinitrotoluene	9.85	165	299944	41.108	nq	98
51) Acenaphthene	10.11	154	1044417	36.970	nq	99
52) 3-Nitroaniline	10.02	138	332389	41.636	nq	95
53) 2,4-Dinitrophenol	10.13	184	94739	38.671	nq	# 22
54) Dibenzofuran	10.28	168	1537727	37.571	nq	94
55) 4-Nitrophenol	10.18	139	235785	39.003	nq	85
56) 2,4-Dinitrotoluene	10.26	165	399424	42.529	nq	# 98
57) Fluorene	10.62	166	1234123	38.091	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	361424	41.173	nq	# 85
59) Diethylphthalate	10.48	149	1263627	37.418	nq	94
60) 4-Chlorophenyl-phenylether	10.61	204	637036	37.734	nq	93
61) 4-Nitroaniline	10.65	138	327949	41.550	nq	95
62) Azobenzene	10.77	77	1288295	36.940	nq	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	142947	39.813	nq	91
65) n-Nitrosodiphenylamine	10.73	169	1134095	39.093	nq	96
66) 4-Bromophenyl-phenylether	11.10	248	416893	39.077	nq	# 86
67) Hexachlorobenzene	11.17	284	441233	39.308	nq	# 88
68) Atrazine	11.25	200	382825	39.344	nq	96
69) Pentachlorophenol	11.37	266	195375	36.364	nq	97
70) Phenanthrene	11.59	178	1766726	38.155	nq	98
71) Anthracene	11.65	178	1830384	38.569	nq	98
72) Carbazole	11.80	167	1590520	37.721	nq	98
73) Di-n-butylphthalate	12.11	149	1882606	39.418	nq	98
74) Fluoranthene	12.79	202	1833231	36.277	nq	95
76) Benzidine	12.90	184	915884	41.778	nq	99
77) Pyrene	13.02	202	1823902	49.099	nq	98
79) Butylbenzylphthalate	13.62	149	710002	48.133	nq	# 97
80) Benzo(a)anthracene	14.21	228	1360735	40.410	nq	99
81) 3,3'-Dichlorobenzidine	14.17	252	433821	35.949	nq	# 98
82) Chrysene	14.25	228	1228171	39.783	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	851680	42.637	nq	# 98
84) Di-n-octyl phthalate	14.79	149	1219821	40.041	nq	97
85) Indeno(1,2,3-cd)pyrene	17.42	276	1193608	44.622	nq	# 90
87) Benzo(b)fluoranthene	15.35	252	965776	34.879	nq	96
88) Benzo(k)fluoranthene	15.35	252	965776	37.943	nq	# 97
89) Benzo(a)pyrene	15.72	252	985374	39.740	nq	# 95
90) Dibenzo(a,h)anthracene	17.44	278	990904	48.300	nq	# 94
91) Benzo(g,h,i)perylene	17.93	276	1012169	50.104	nq	# 90

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

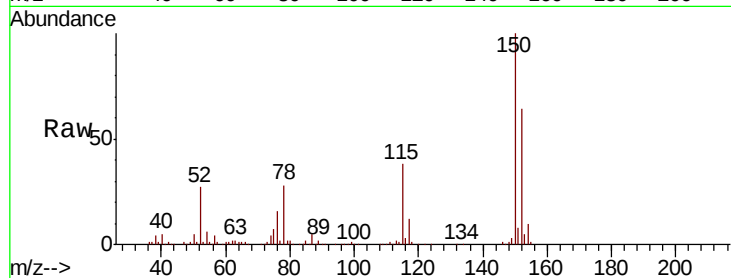


#1

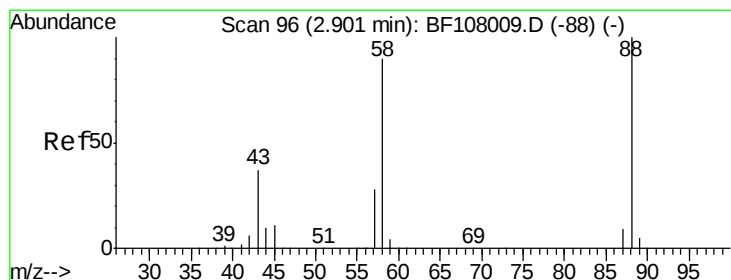
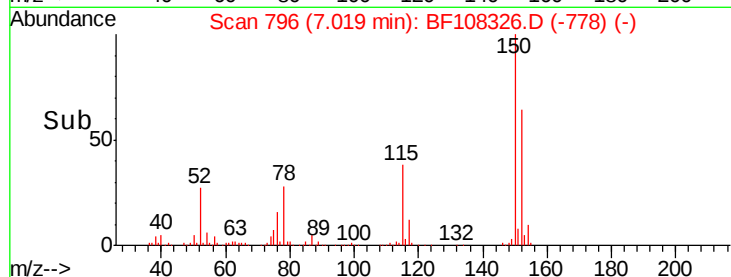
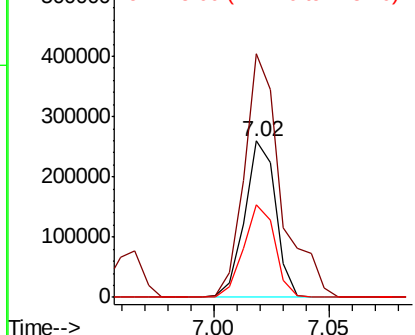
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 244313
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 59.5 50.1 75.1



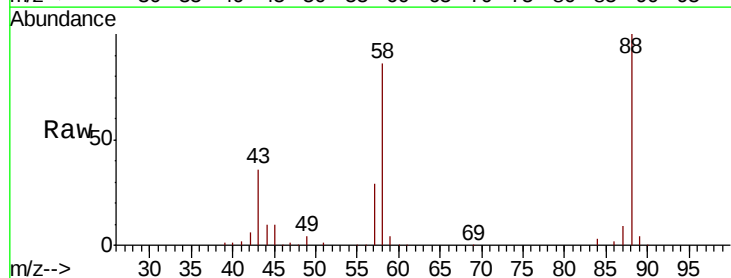
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



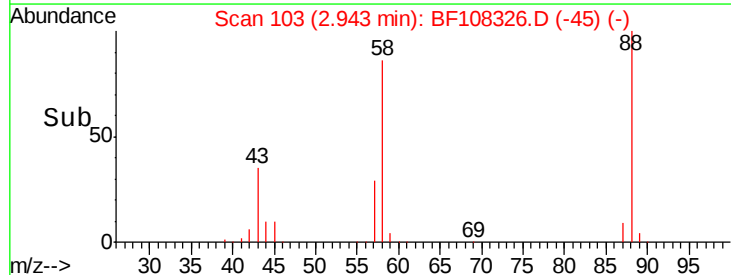
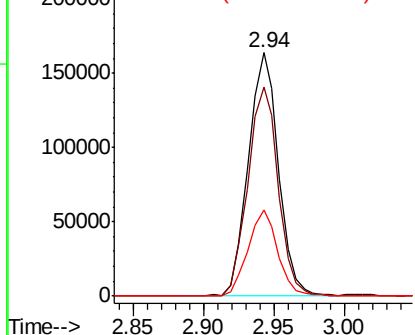
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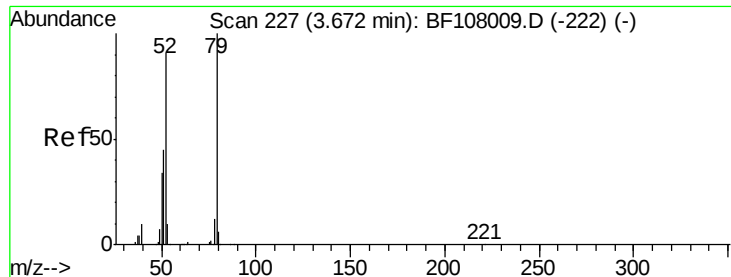
1,4-Dioxane
Concen: 35.220 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion: 88 Resp: 244212
Ion Ratio Lower Upper
88 100
58 87.3 62.6 93.8
43 34.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.089 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.04 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

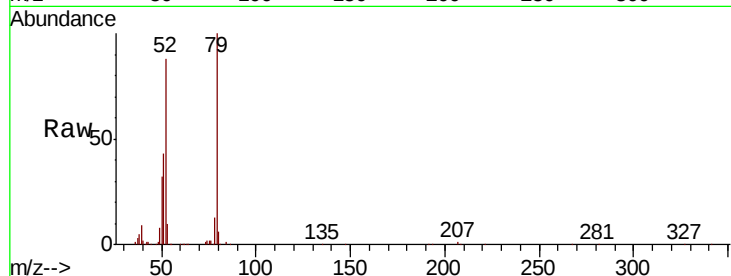
Tot Ion: 79 Resp: 662484

Ion Ratio Lower Upper

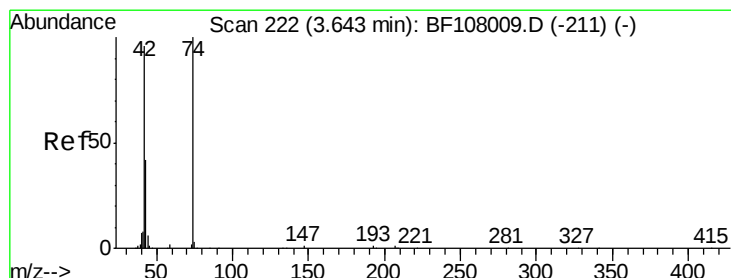
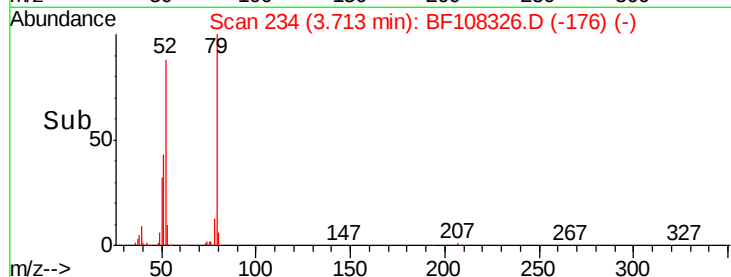
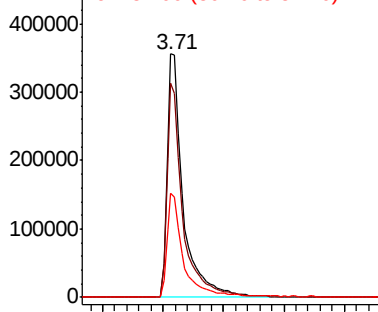
79 100

52 88.0 59.8 89.6

51 43.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.376 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.05 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

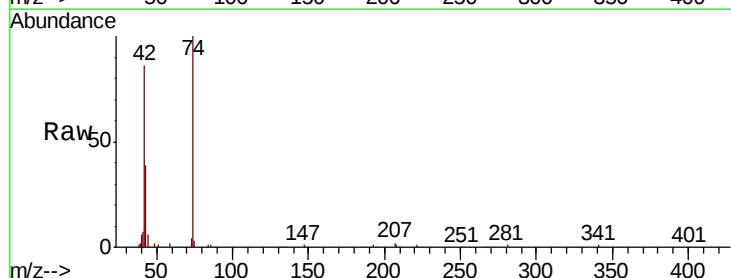
Tgt Ion: 42 Resp: 355558

Ion Ratio Lower Upper

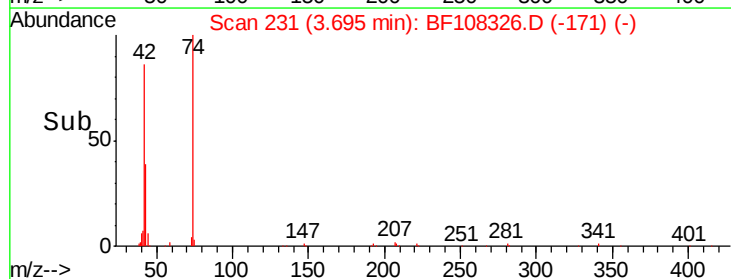
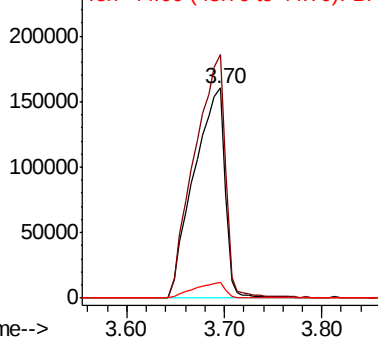
42 100

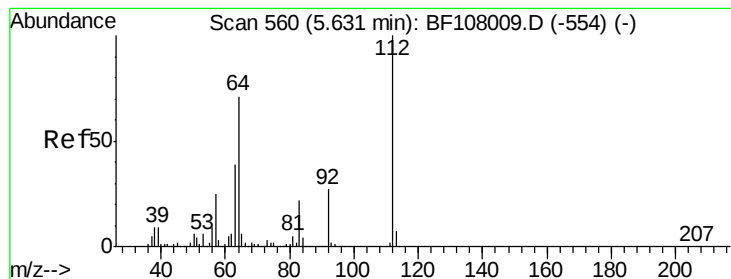
74 115.9 104.9 157.3

44 7.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.094 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

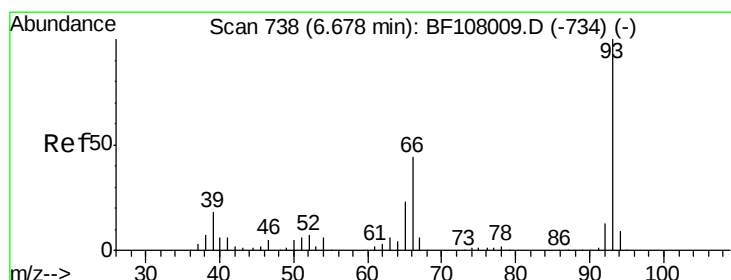
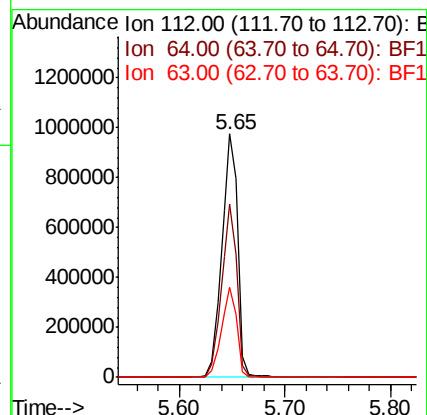
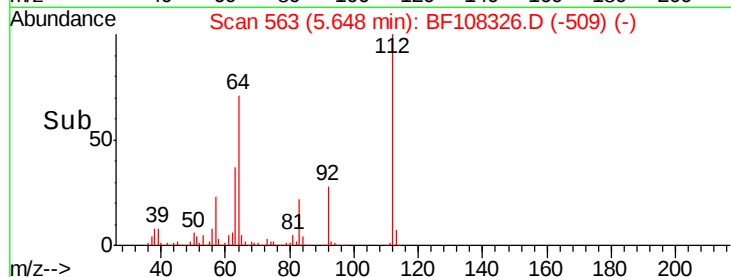
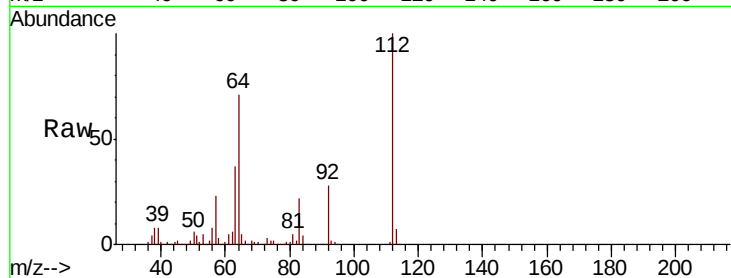
Tot Ion:112 Resp: 1040350

Ion Ratio Lower Upper

112 100

64 71.2 47.9 71.9

63 36.9 23.7 35.5#



#6

Aniline

Concen: 40.107 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

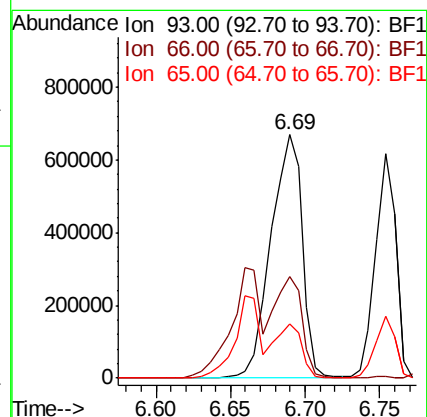
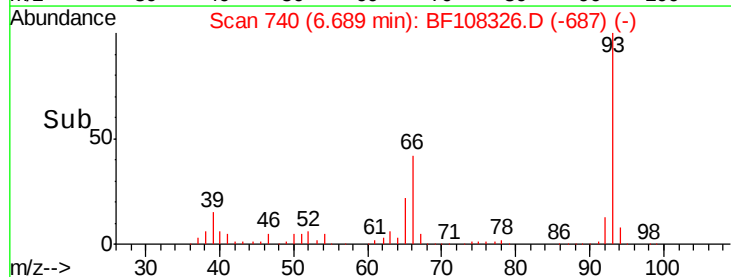
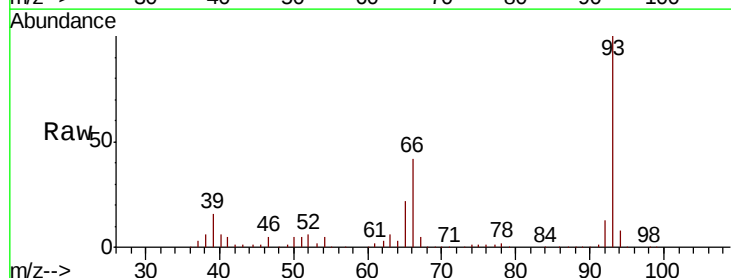
Tgt Ion: 93 Resp: 978291

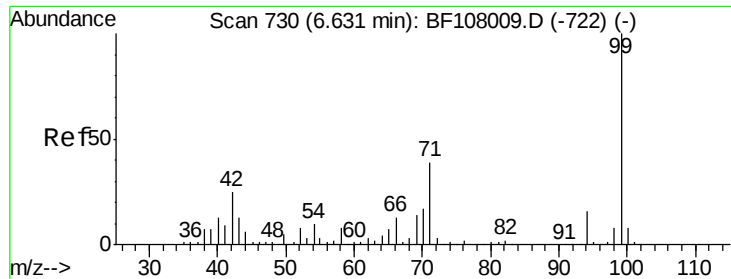
Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

65 22.2 16.4 24.6





#7

Phenol-d6

Concen: 79.556 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

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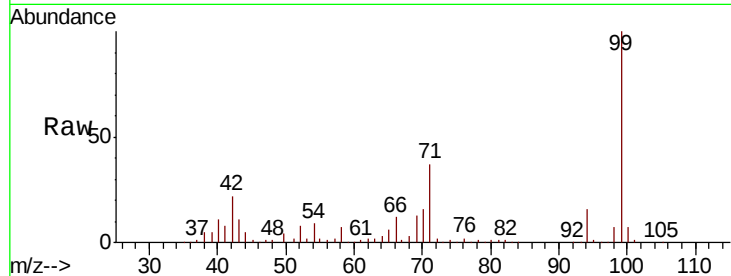
Tot Ion: 99 Resp: 1426629

Ion Ratio Lower Upper

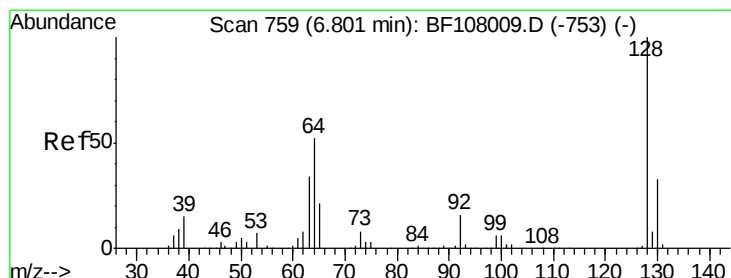
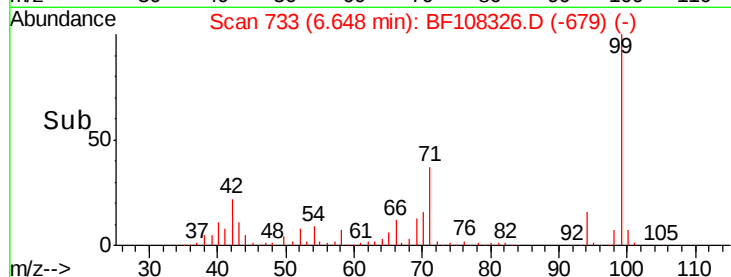
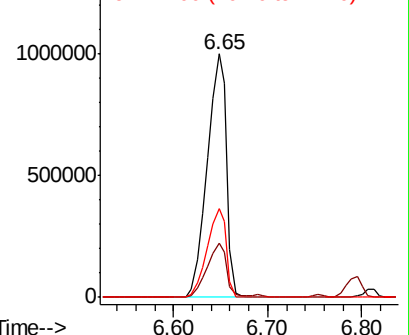
99 100

42 22.2 14.5 21.7#

71 36.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.461 ng

RT: 6.81 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

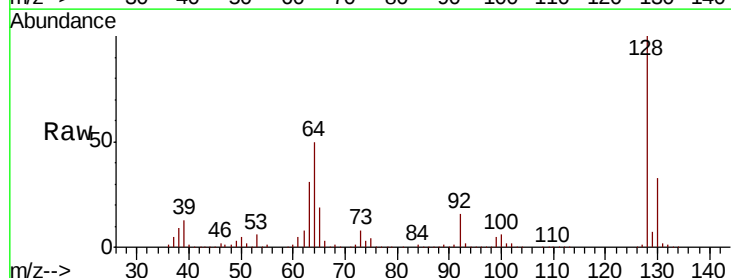
Tgt Ion: 128 Resp: 599753

Ion Ratio Lower Upper

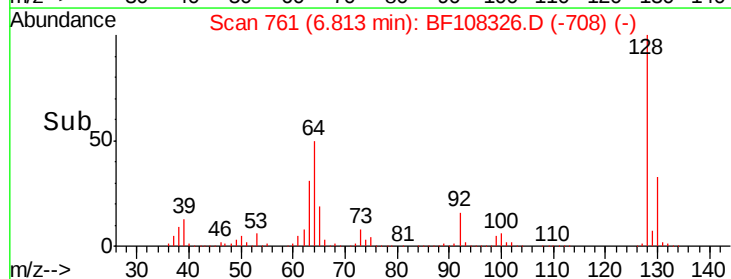
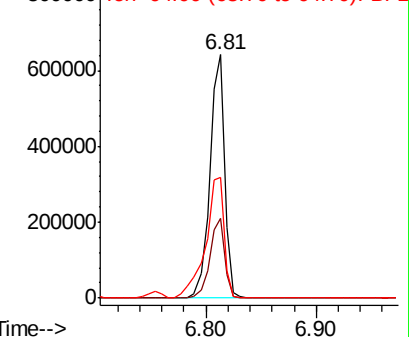
128 100

130 32.9 13.0 53.0

64 49.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.655 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108326.D

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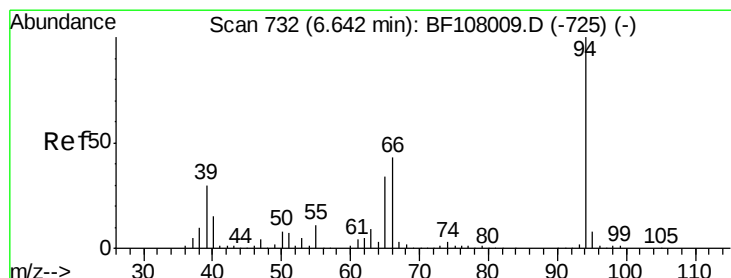
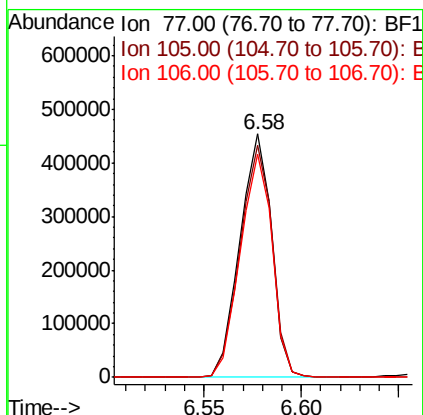
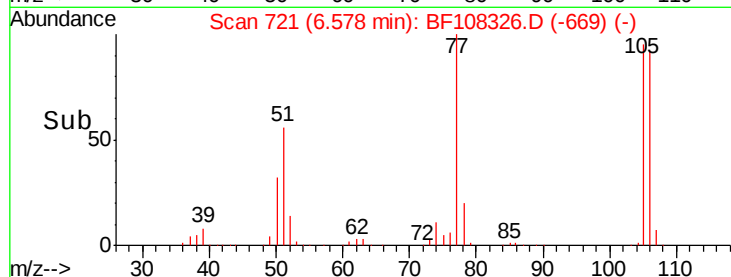
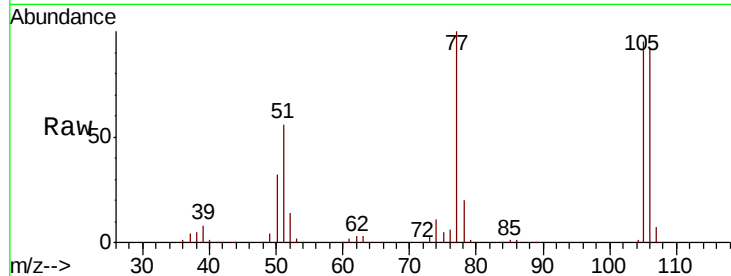
Tot Ion: 77 Resp: 509622

Ion Ratio Lower Upper

77 100

105 95.3 81.1 121.1

106 91.5 74.5 114.5



#10

Phenol

Concen: 42.992 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

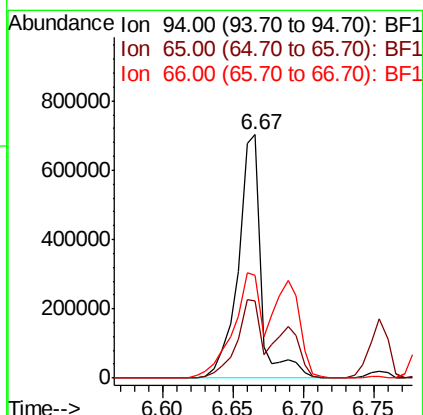
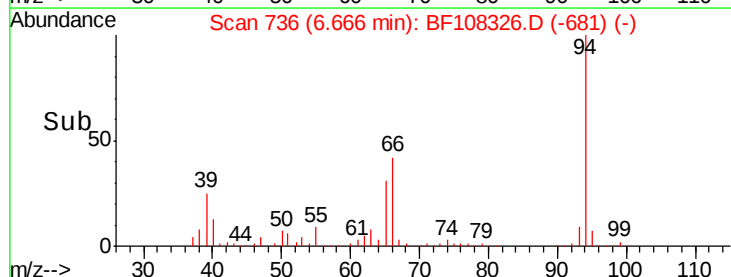
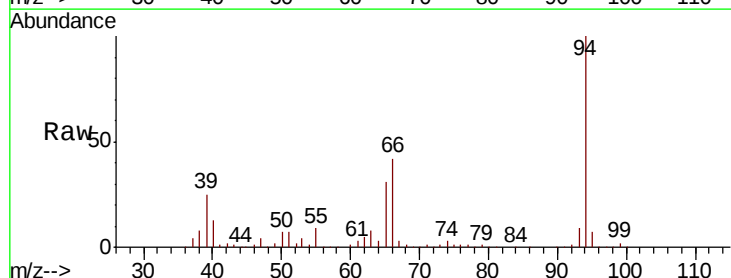
Tgt Ion: 94 Resp: 797464

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

66 42.2 16.2 56.2

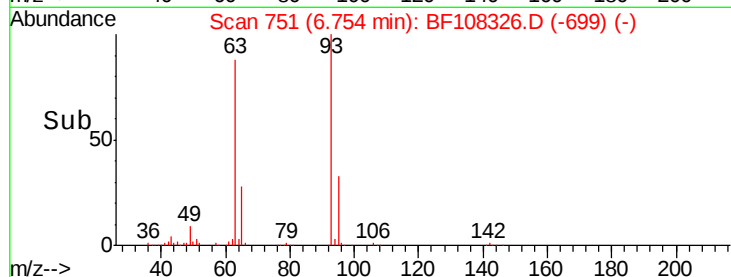
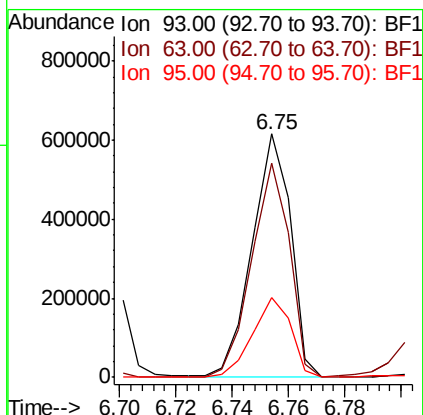
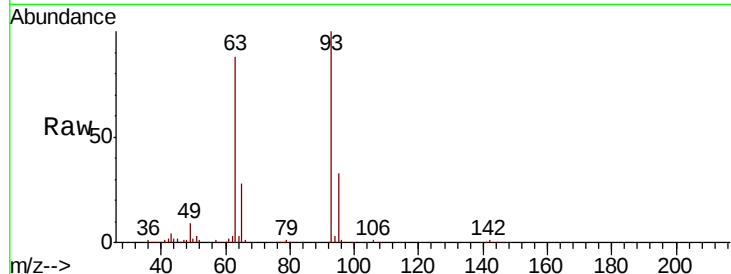




#11
bis(2-Chloroethyl)ether
Concen: 38.856 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

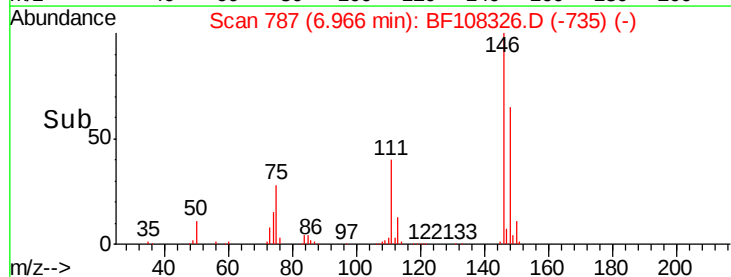
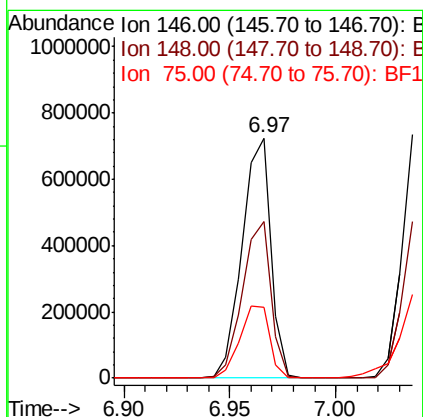
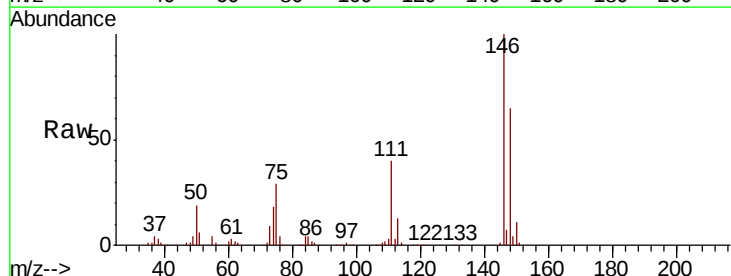
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.1	58.6	98.6
95	32.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.991 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	29.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.581 ng

RT: 7.04 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

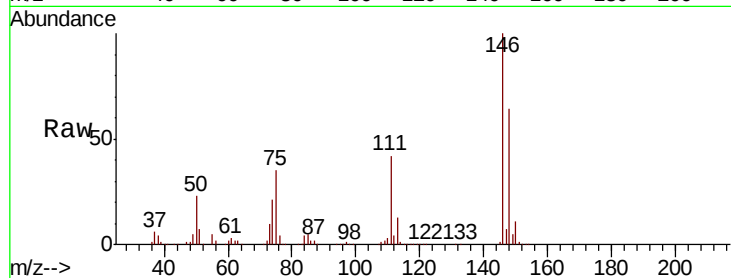
Tot Ion:146 Resp: 681210

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

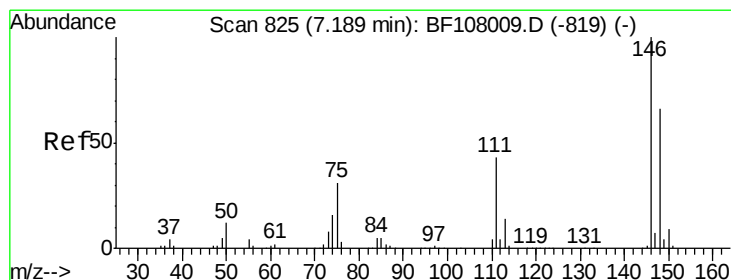
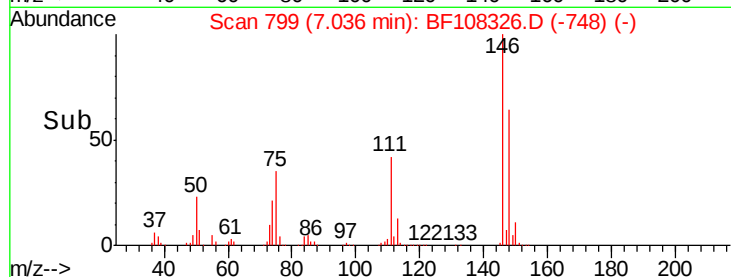
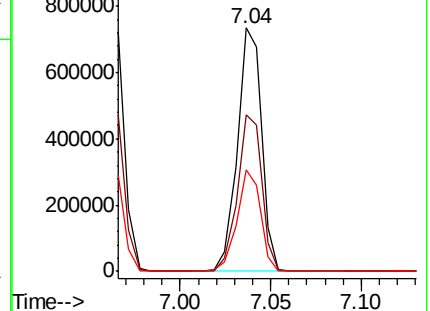
111 41.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.141 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

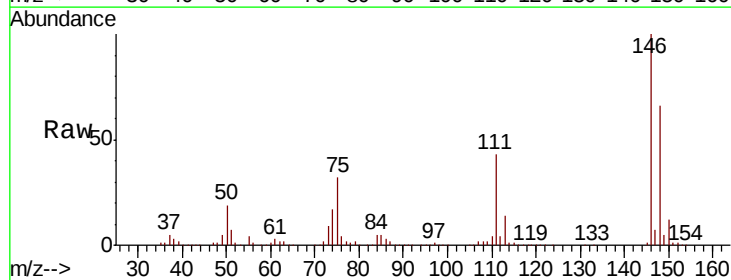
Tgt Ion:146 Resp: 626406

Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

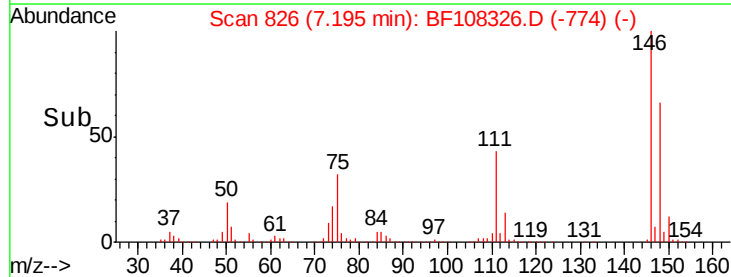
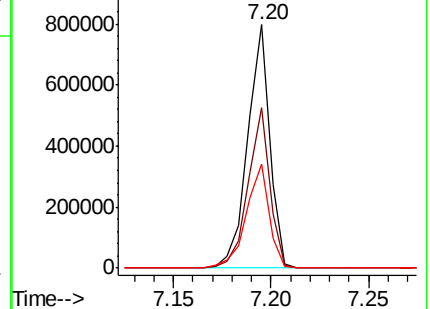
111 43.0 36.0 54.0

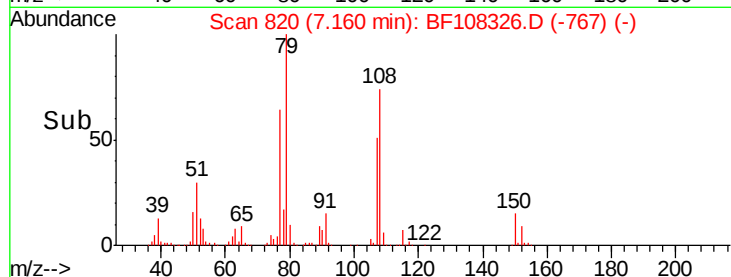
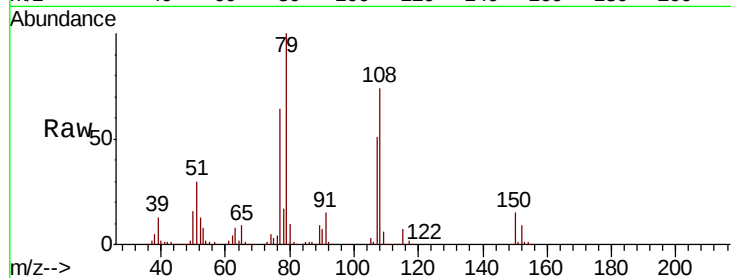
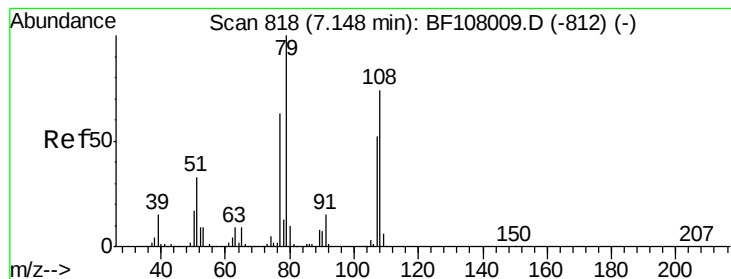


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.515 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

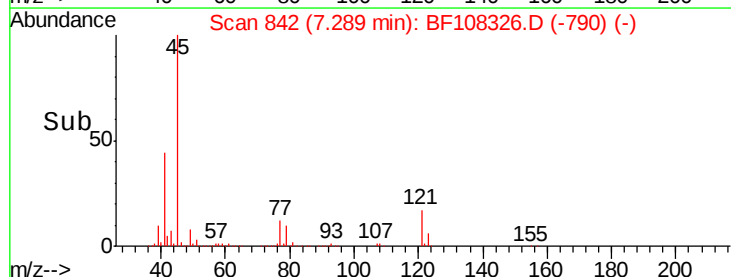
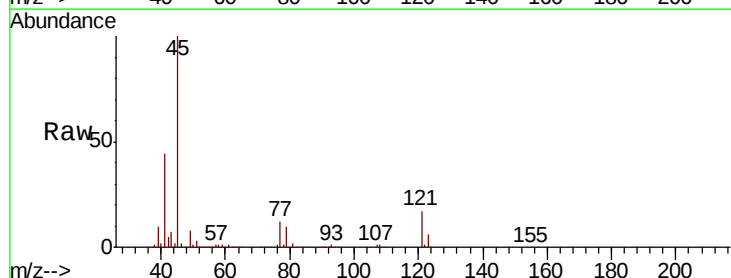
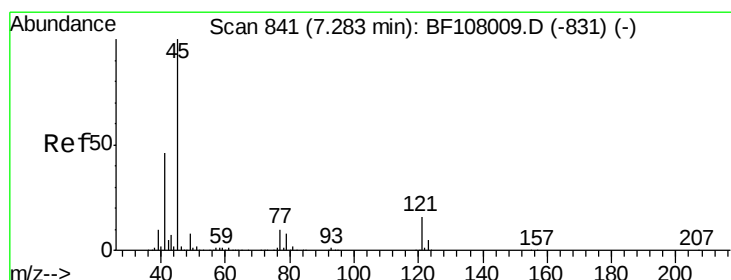
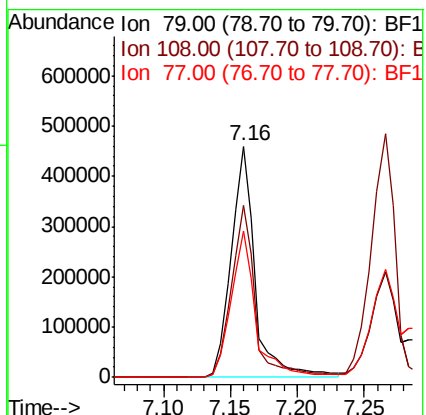
Tot Ion: 79 Resp: 581432

Ion Ratio Lower Upper

79 100

108 74.3 65.1 97.7

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.376 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

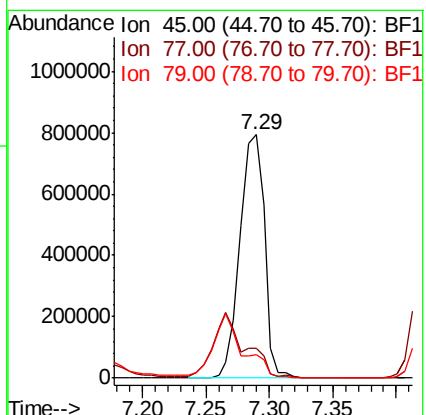
Tgt Ion: 45 Resp: 1061991

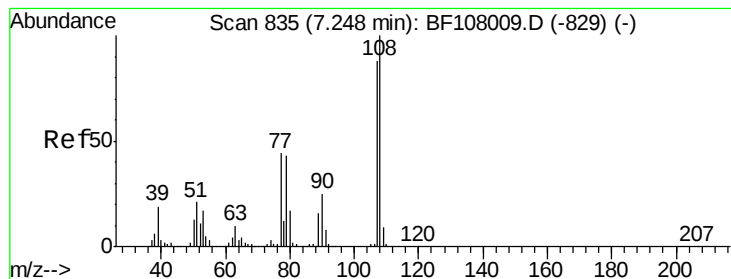
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.8 0.0 29.6





#17

2-Methylphenol

Concen: 40.671 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.02 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 530089

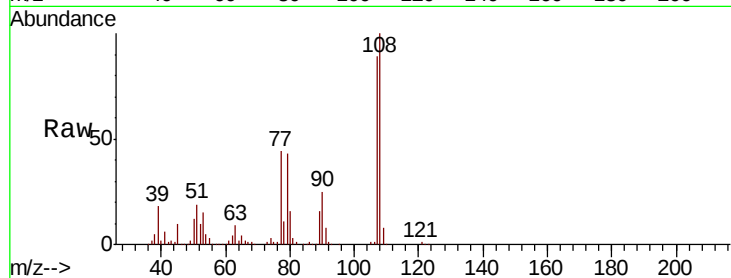
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 50.0 33.8 50.8

79 48.8 33.8 50.8

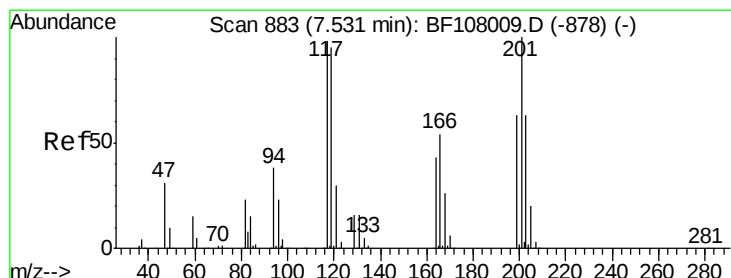
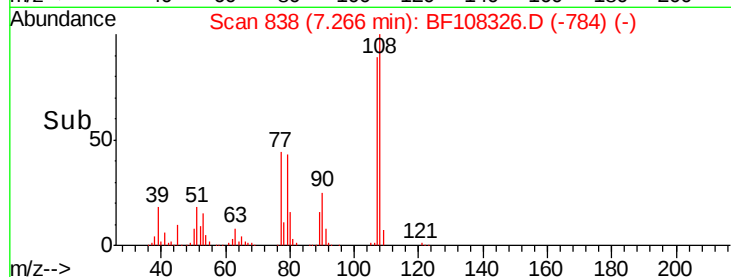
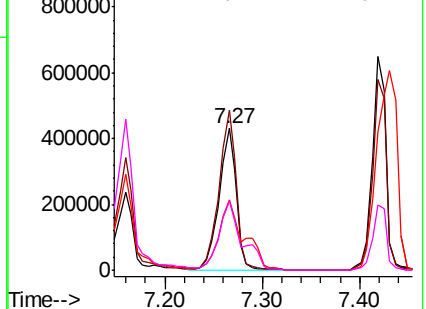


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.143 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

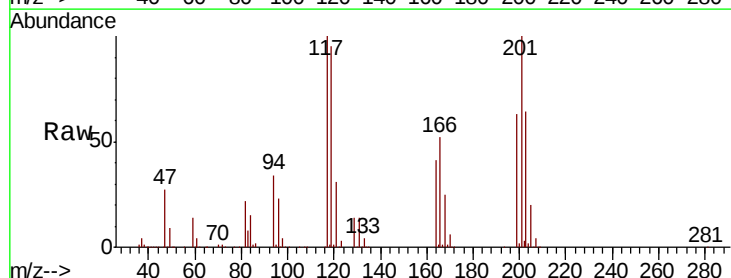
Tgt Ion:117 Resp: 246049

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

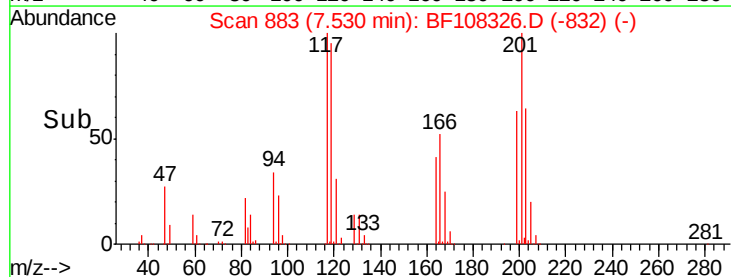
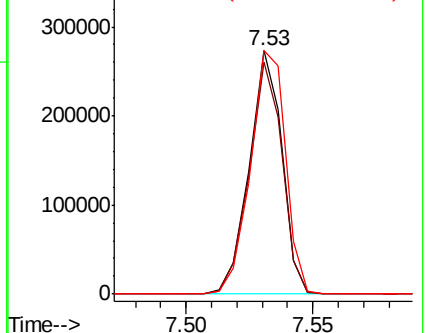
201 99.9 75.7 113.5



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

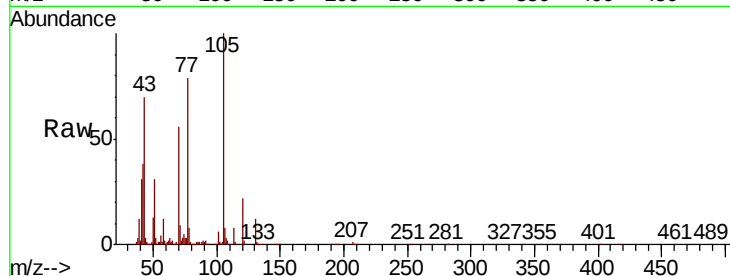




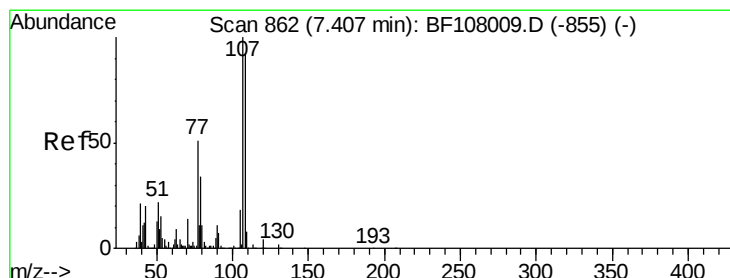
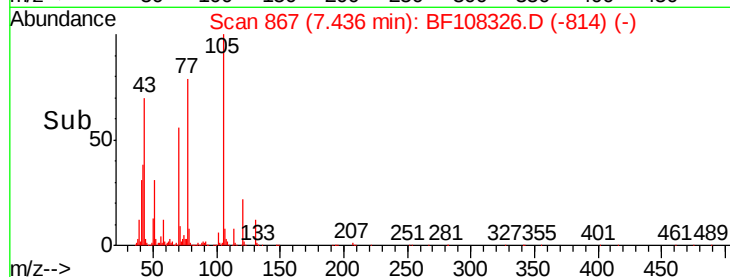
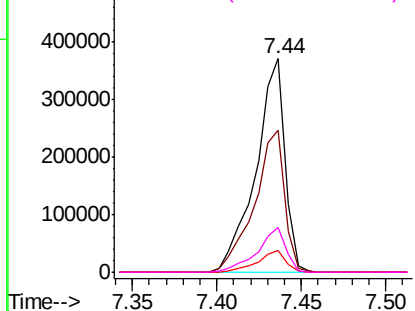
#19
n-Nitroso-di-n-propylamine
Concen: 36.802 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 446286
Ion Ratio Lower Upper
70 100
42 66.6 47.5 71.3
101 10.1 7.4 11.2
130 21.0 16.6 25.0



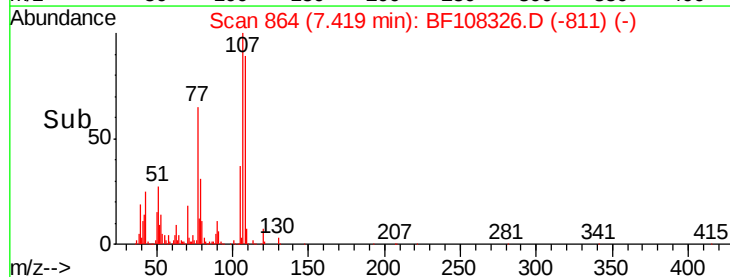
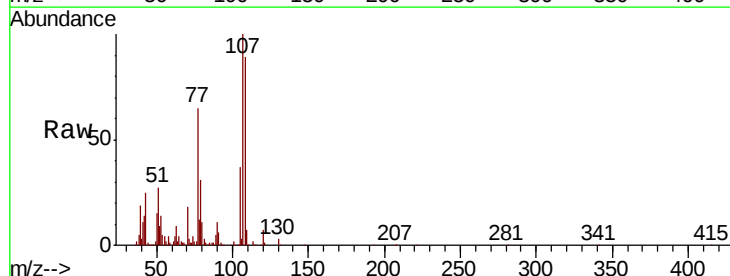
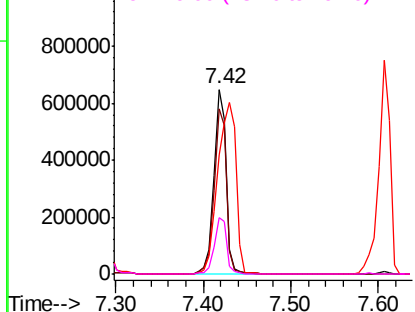
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

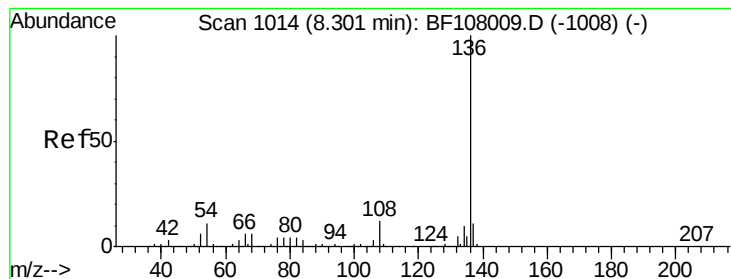


#20
3+4-Methylphenols
Concen: 37.875 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion: 107 Resp: 632604
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 64.6 26.7 66.7
79 30.8 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 960210

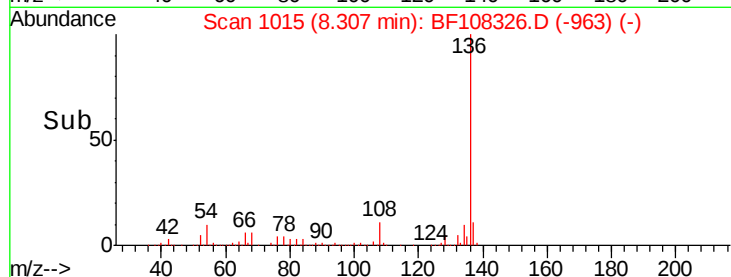
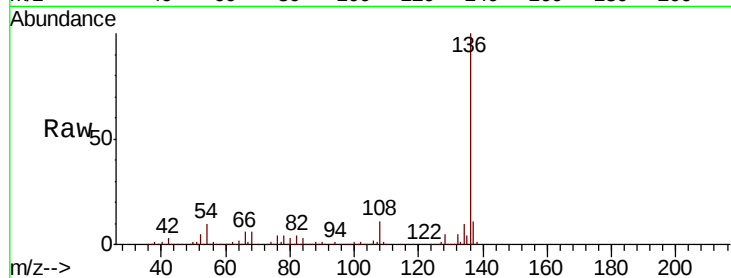
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 6.1 5.0 7.4

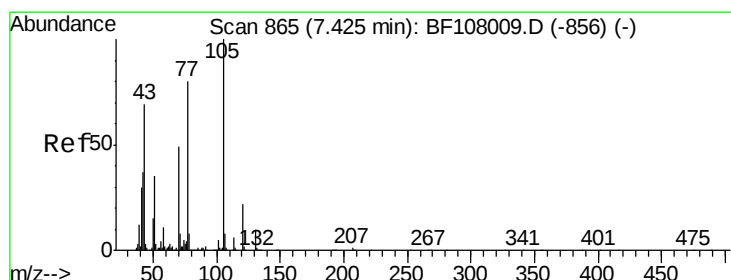
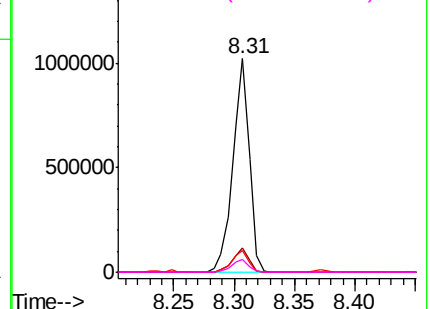


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.378 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Tgt Ion:105 Resp: 839209

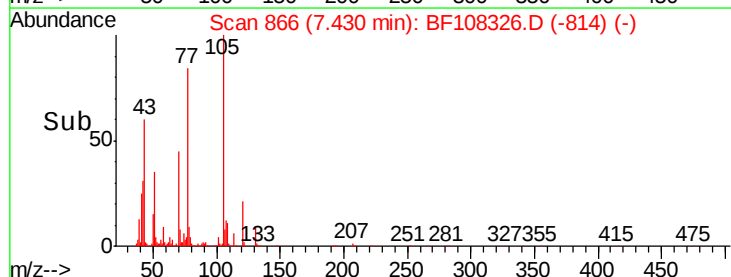
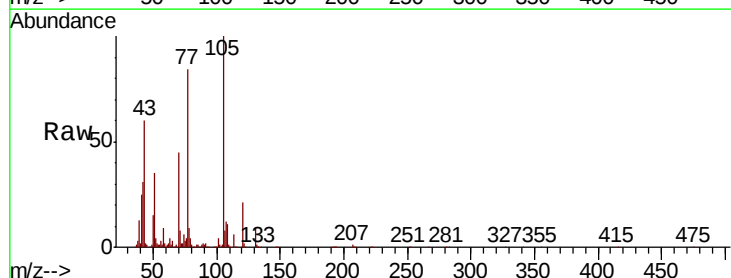
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 34.7 22.3 33.5#

120 21.5 16.9 25.3

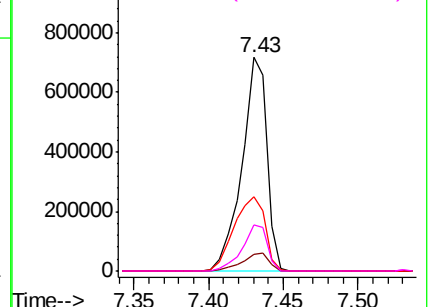


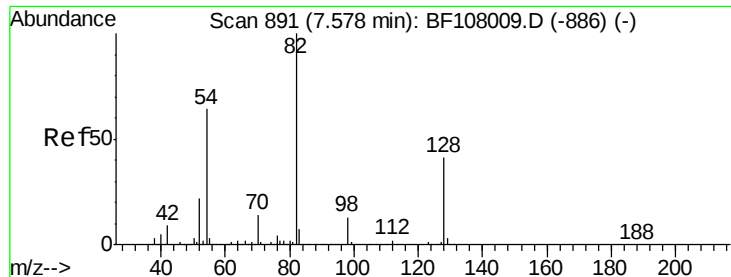
Abundance Ion 105.00 (104.70 to 105.70): E

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

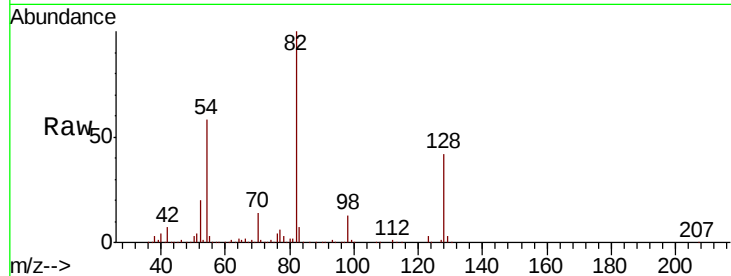




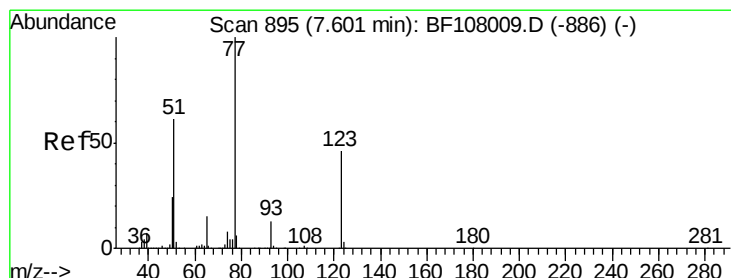
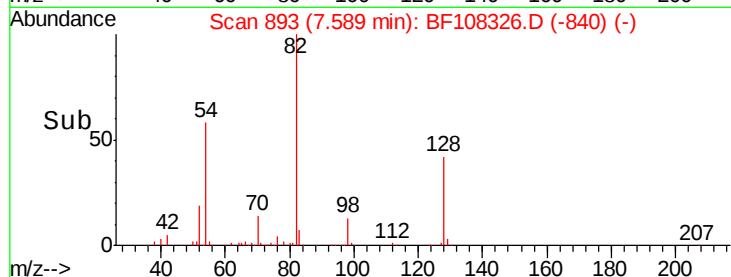
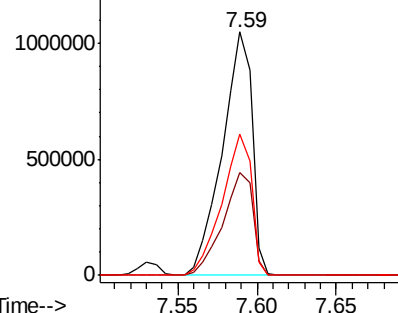
#23
 Nitrobenzene-d5
 Concen: 79.132 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1361681
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 58.0 41.4 62.2

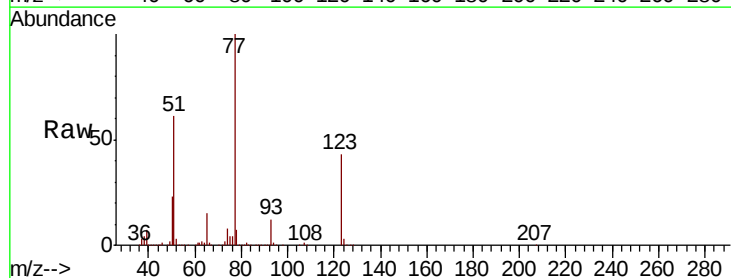


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

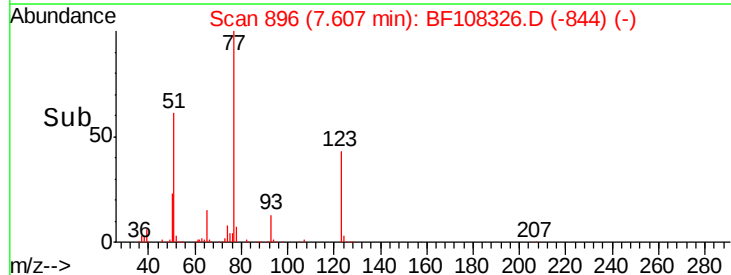
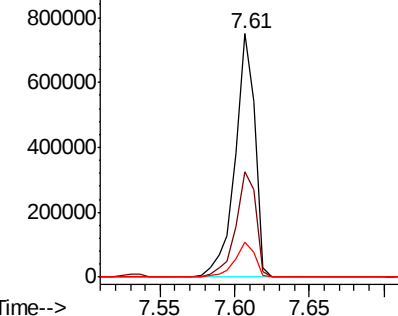


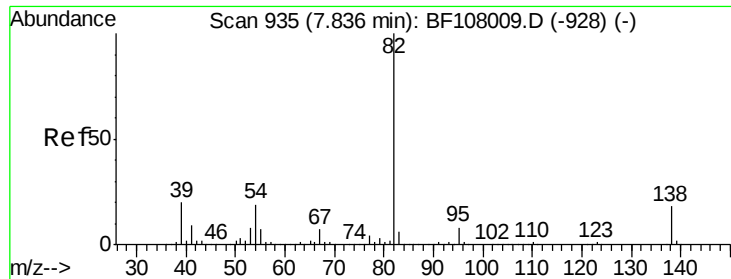
#24
 Nitrobenzene
 Concen: 39.092 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion: 77 Resp: 680226
 Ion Ratio Lower Upper
 77 100
 123 43.2 37.9 56.9
 65 14.6 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.265 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

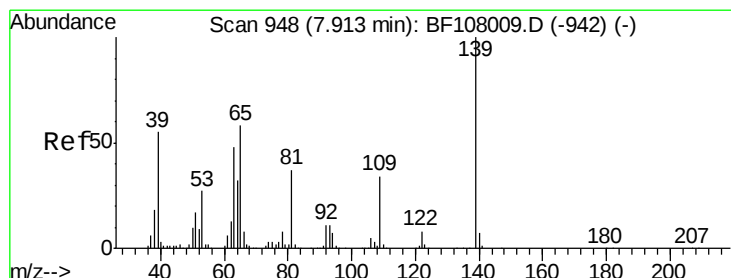
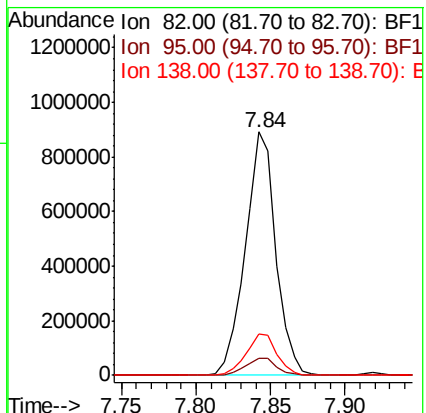
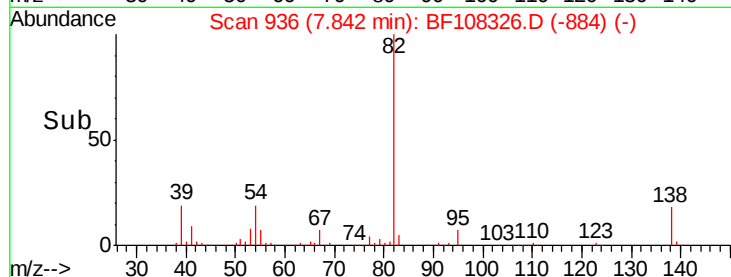
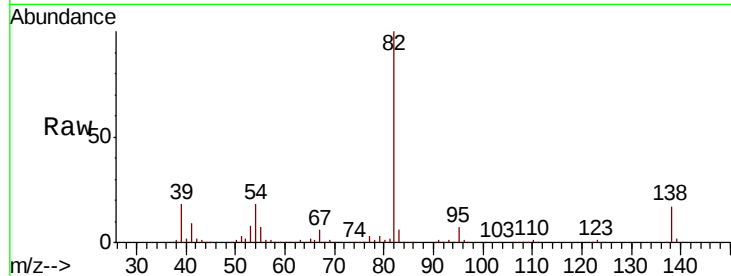
Tot Ion: 82 Resp: 1255044

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 45.935 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

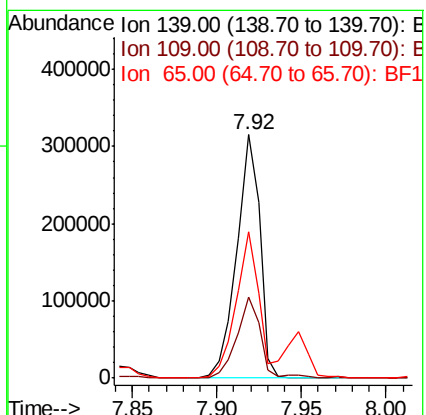
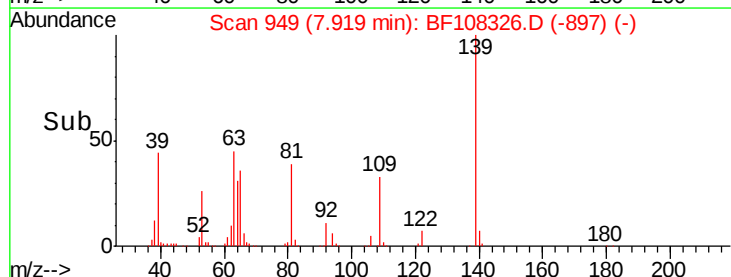
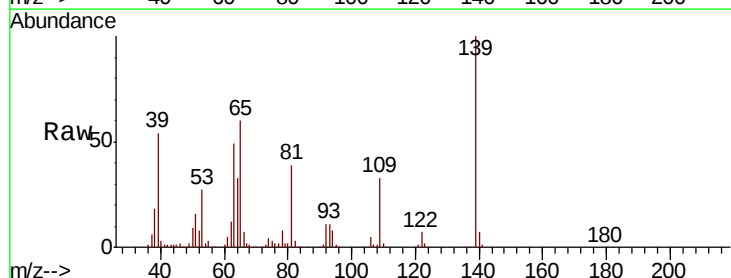
Tgt Ion: 139 Resp: 301850

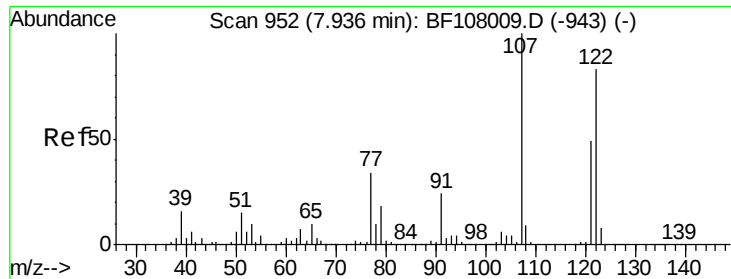
Ion Ratio Lower Upper

139 100

109 33.2 22.7 34.1

65 59.9 40.5 60.7

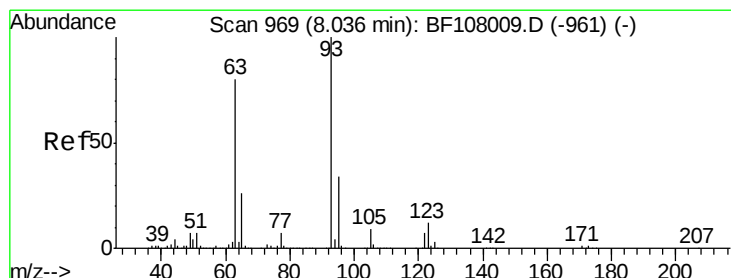
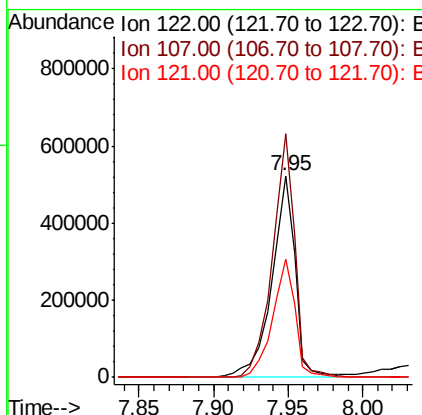
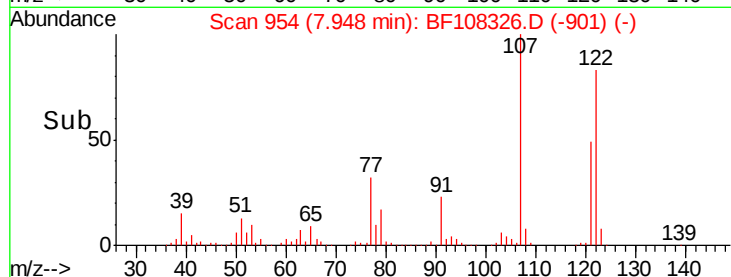
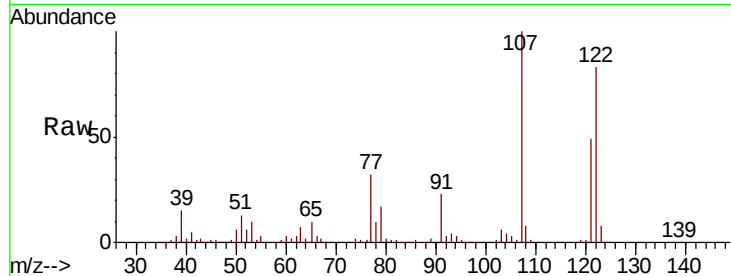




#27
 2,4-Dimethylphenol
 Concen: 38.702 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

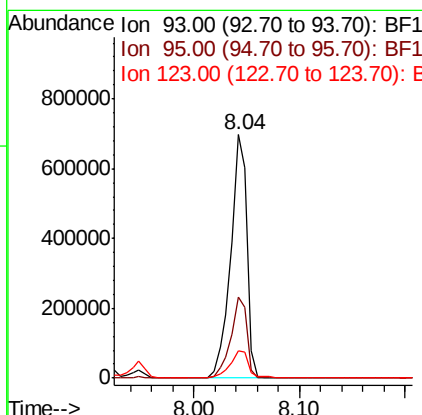
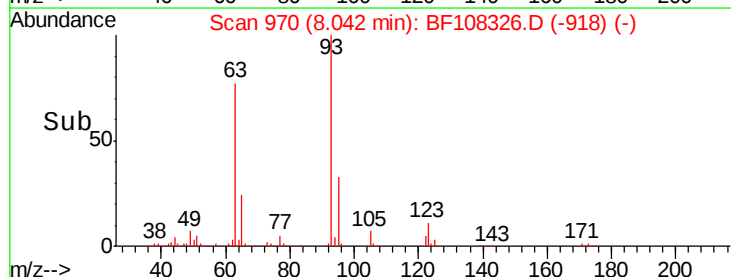
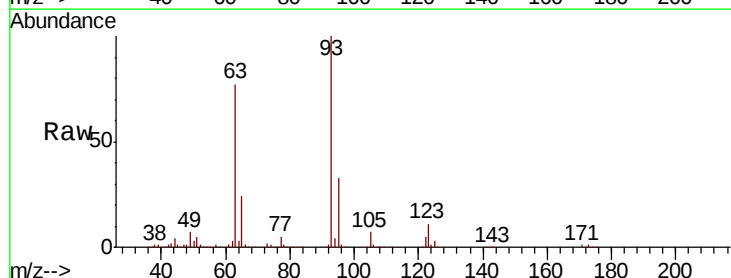
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	91.2	136.8
121	58.8	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.228 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.3	9.8	14.6

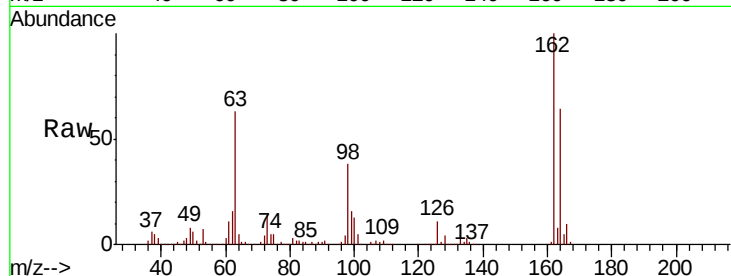




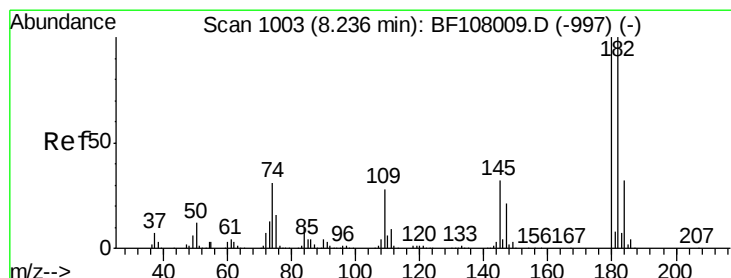
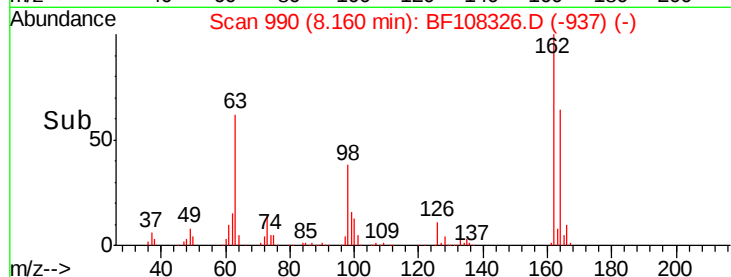
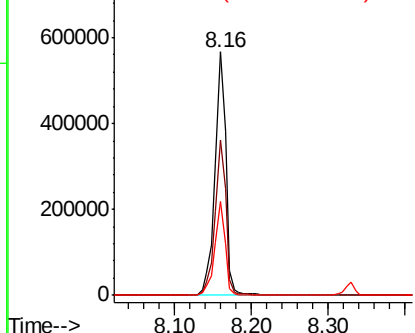
#29
2,4-Dichlorophenol
Concen: 40.698 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.3	18.1	58.1

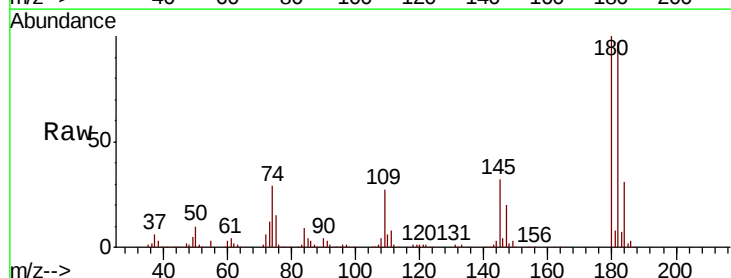


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

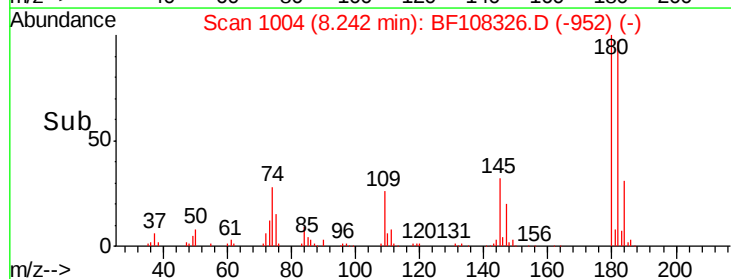
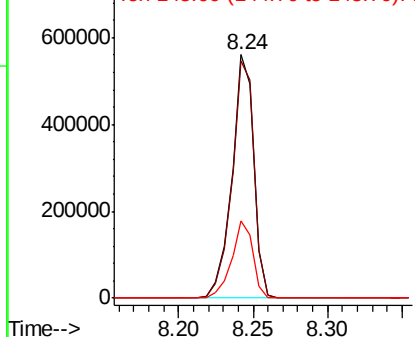


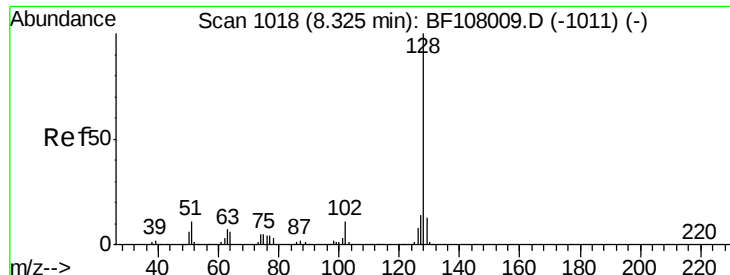
#30
1,2,4-Trichlorobenzene
Concen: 38.892 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.8	115.2
145	31.7	26.5	39.7



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

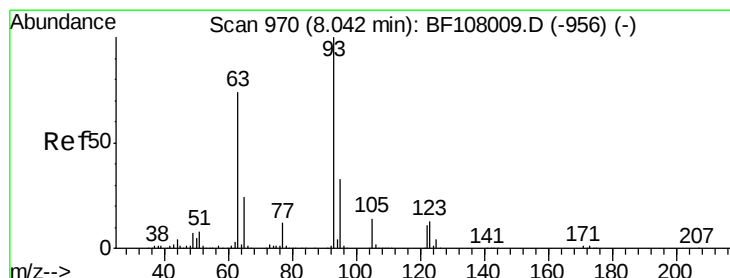
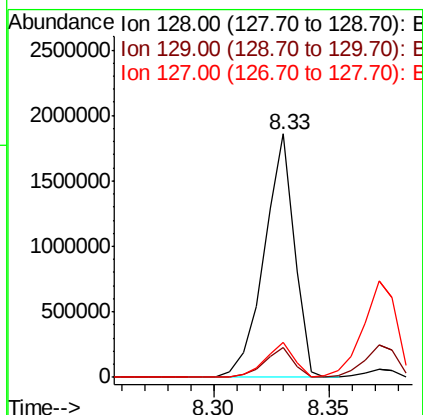
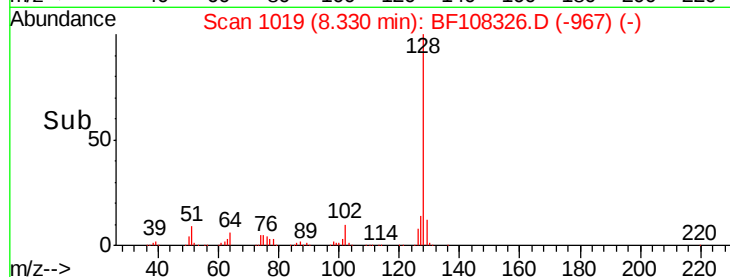
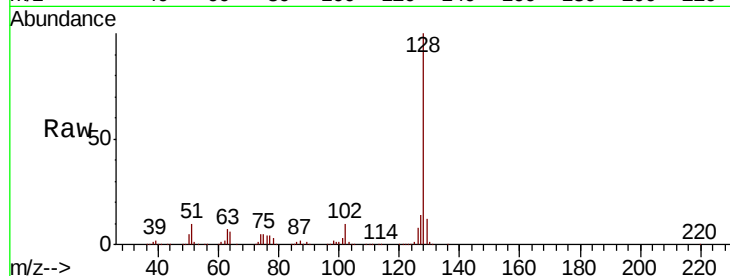




#31
Naphthalene
Concen: 38.695 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

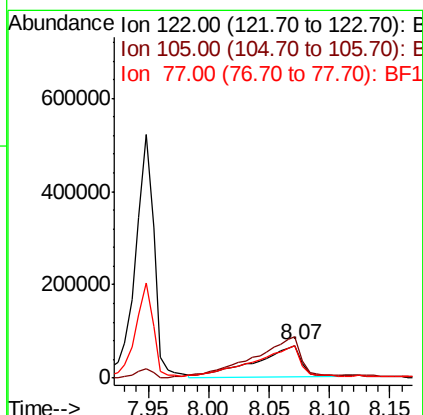
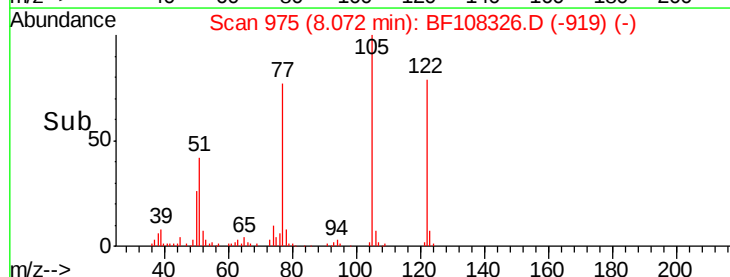
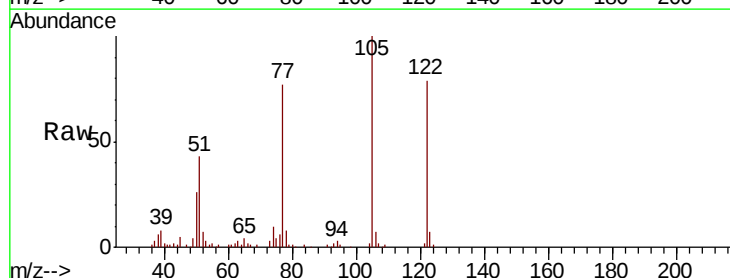
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

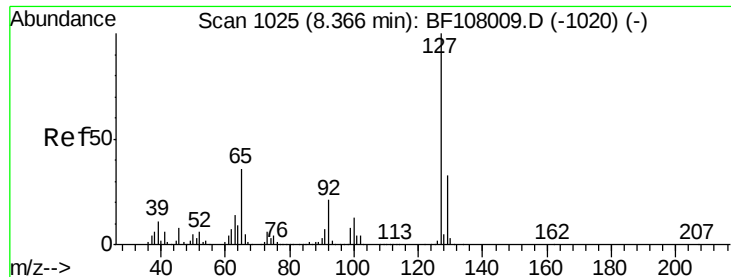
Tot Ion:128 Resp: 1689733
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.3 10.9 16.3



#32
Benzoic acid
Concen: 23.983 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion:122 Resp: 173747
Ion Ratio Lower Upper
122 100
105 126.4 101.1 141.1
77 97.4 70.7 110.7

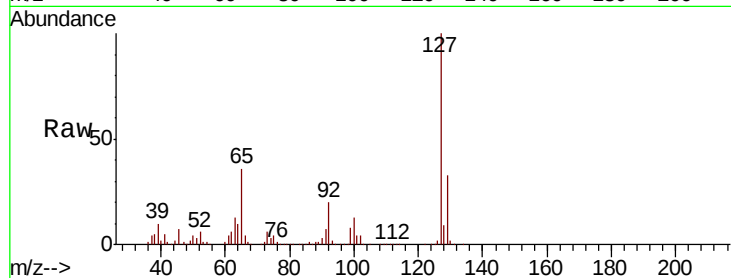




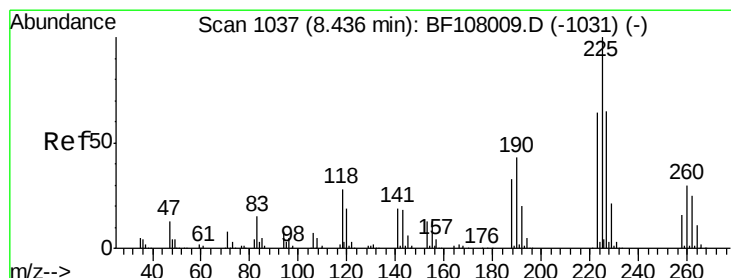
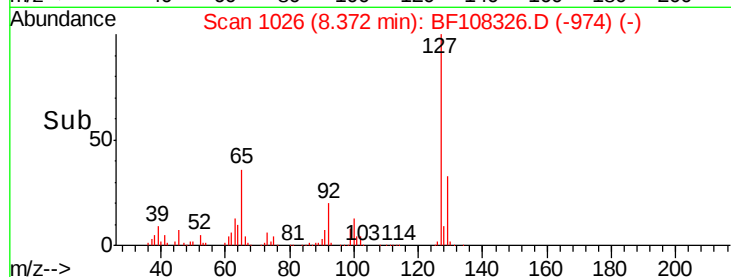
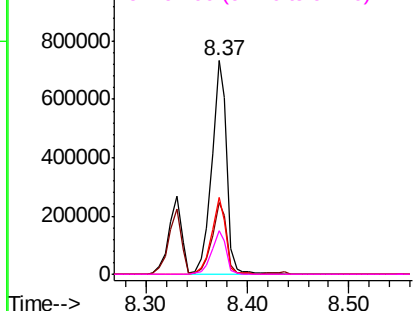
#33
 4-Chloroaniline
 Concen: 39.330 ng
 RT: 8.37 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	748473
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	35.9	25.0	37.4
92	20.5	15.2	22.8

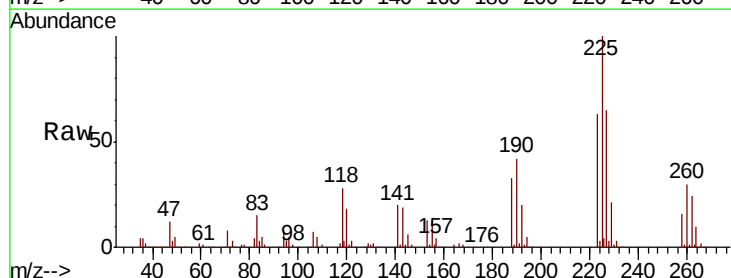


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

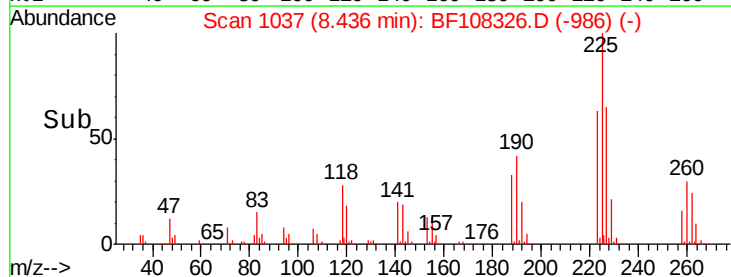
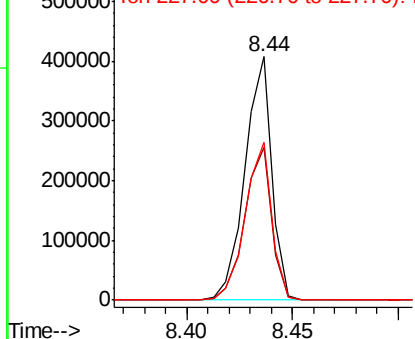


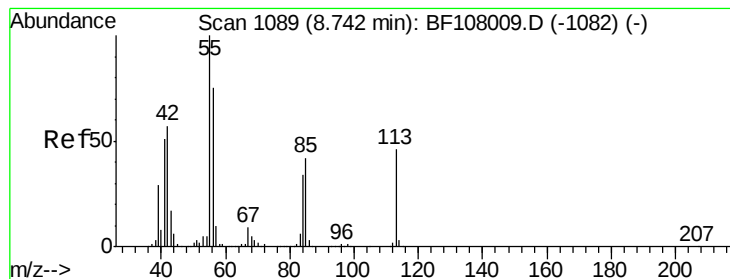
#34
 Hexachlorobutadiene
 Concen: 38.310 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion:	225	Resp:	358197
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.7	51.9	77.9



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





#35

Caprolactam

Concen: 39.945 ng

RT: 8.77 min Scan# 1093

Delta R.T. 0.02 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

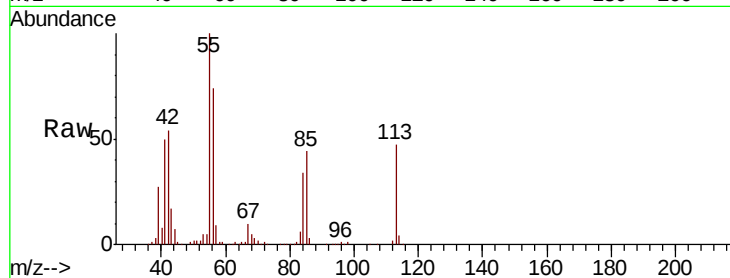
Tot Ion:113 Resp: 167692

Ion Ratio Lower Upper

113 100

55 213.2 163.3 203.3#

56 156.9 115.7 155.7#

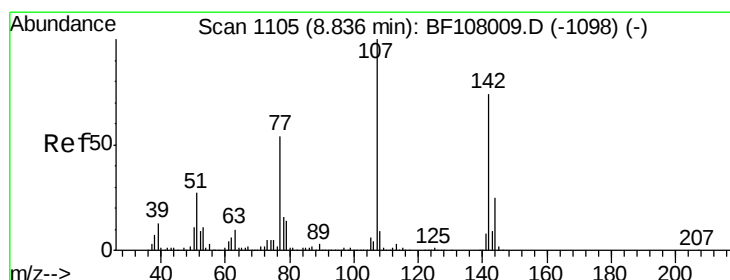
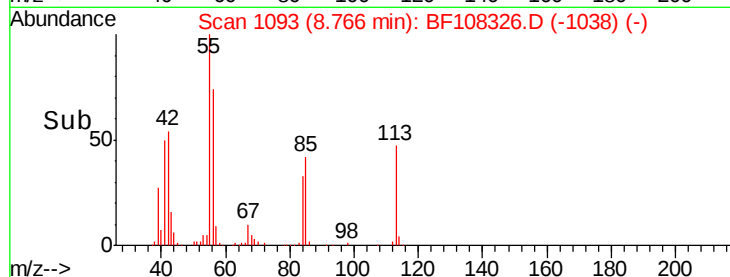
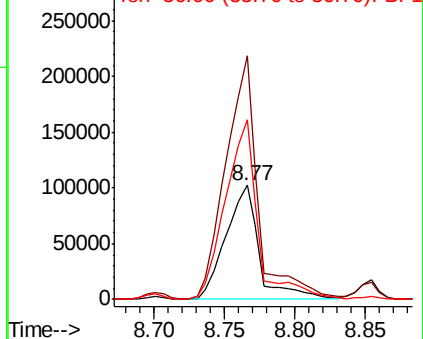


Abundance

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: 39.450 ng

RT: 8.85 min Scan# 1108

Delta R.T. 0.02 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

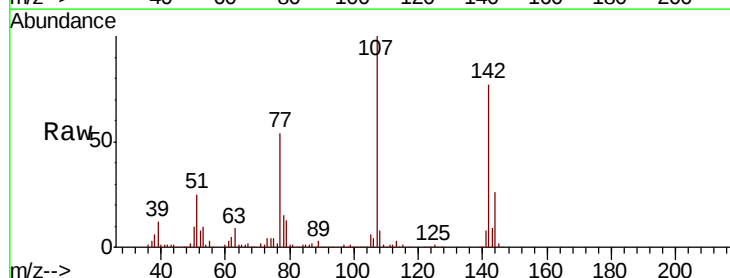
Tgt Ion:107 Resp: 570114

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

142 77.2 62.0 93.0

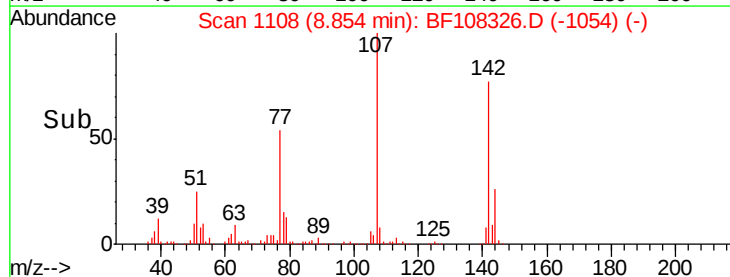
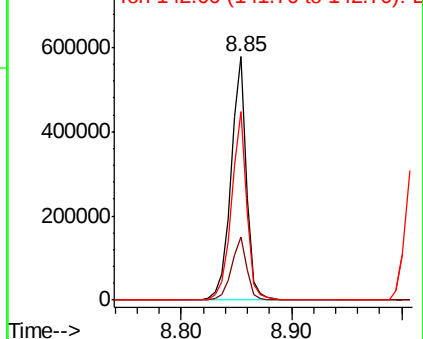


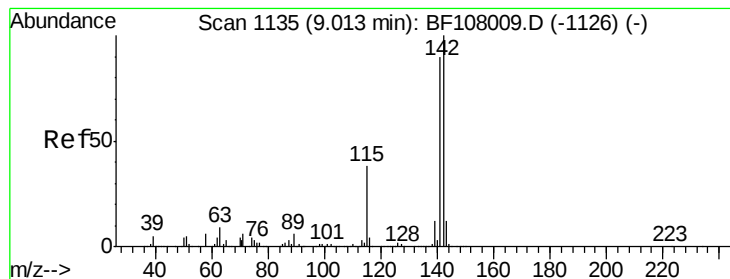
Abundance

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: 38.342 ng

RT: 9.02 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

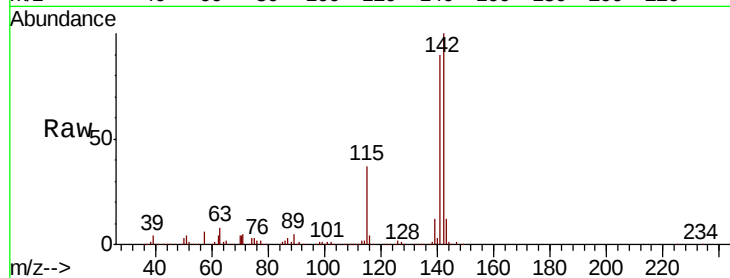
Tot Ion:142 Resp: 1184609

Ion Ratio Lower Upper

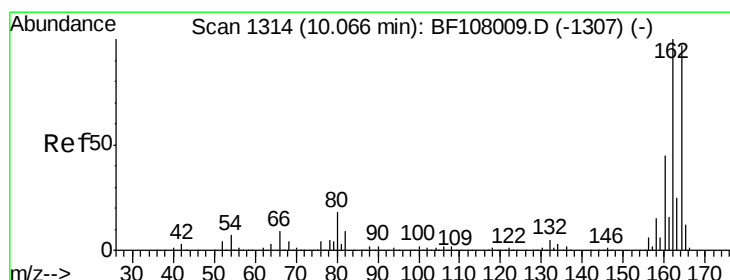
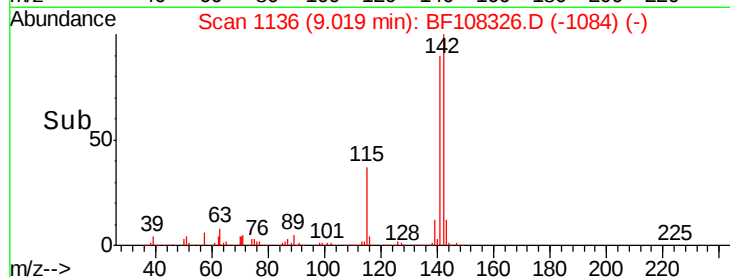
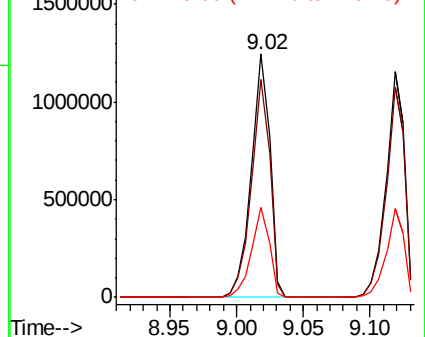
142 100

141 89.6 70.8 106.2

115 36.9 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

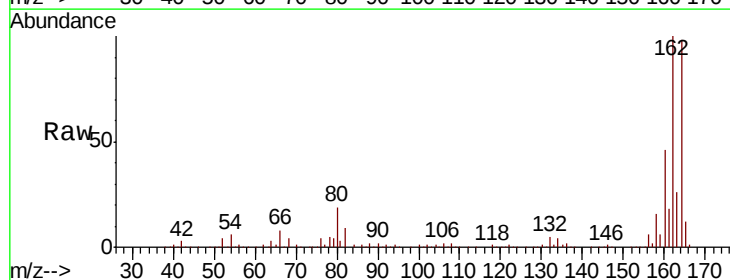
Tgt Ion:164 Resp: 500651

Ion Ratio Lower Upper

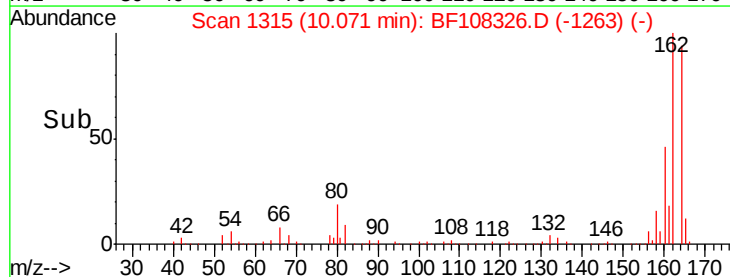
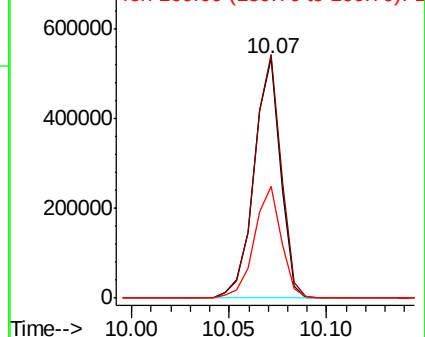
164 100

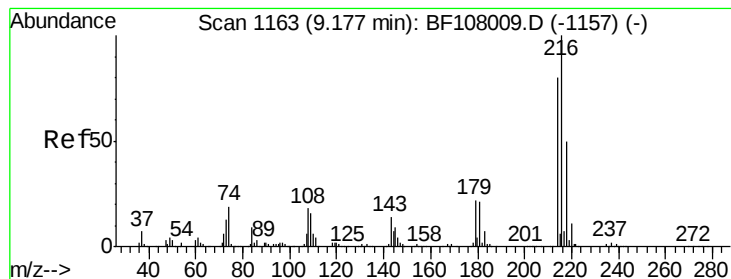
162 101.6 86.1 129.1

160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.145 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 601839

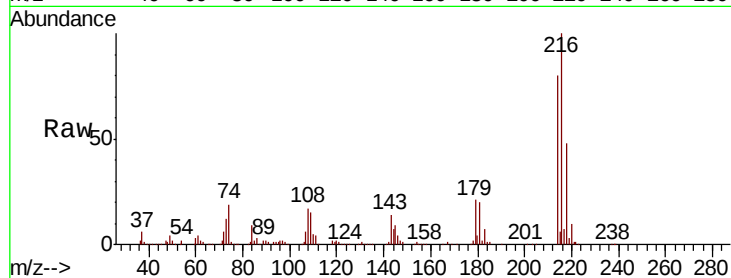
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.4 18.1 27.1

108 18.1 17.2 25.8

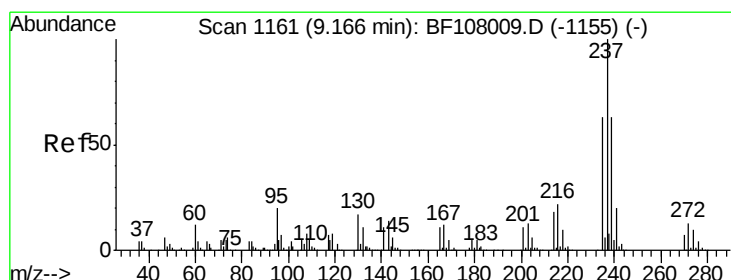
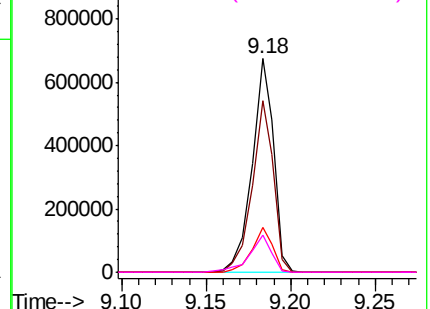
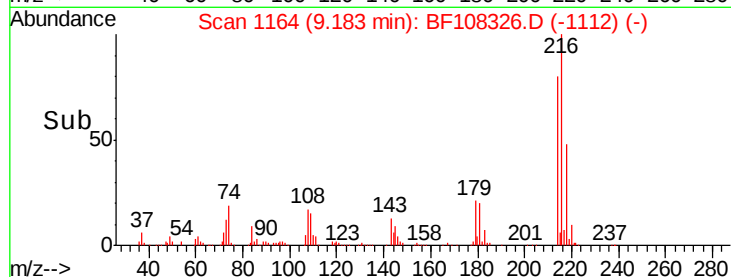


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 30.273 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

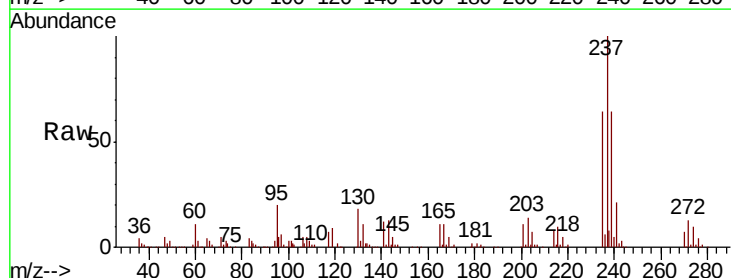
Tgt Ion:237 Resp: 300623

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

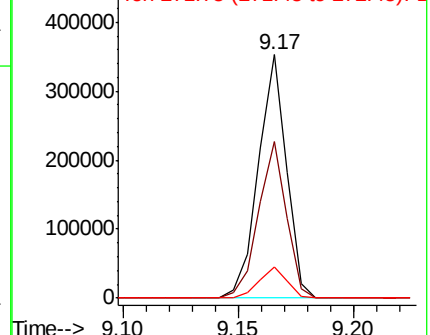
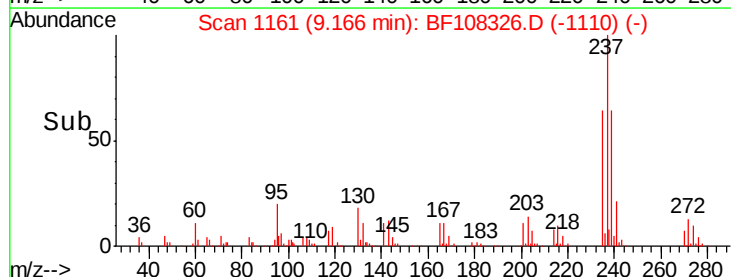
272 12.9 0.0 33.3

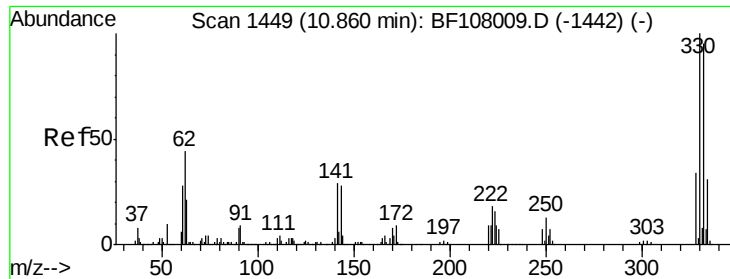


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

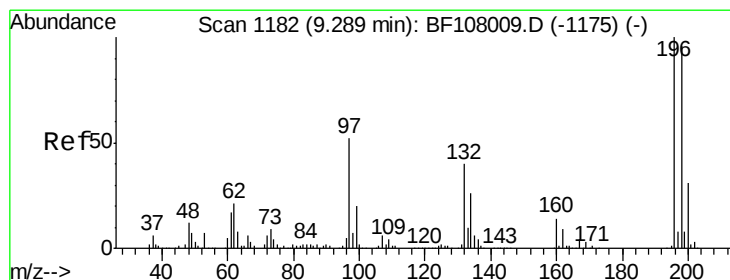
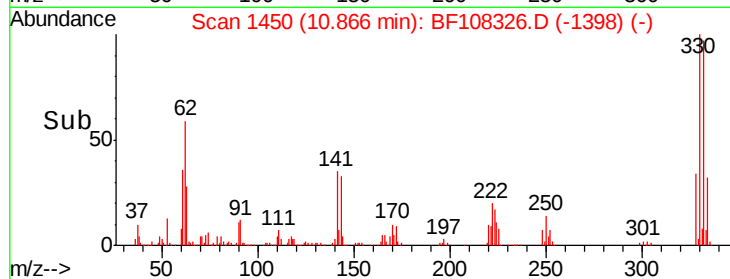
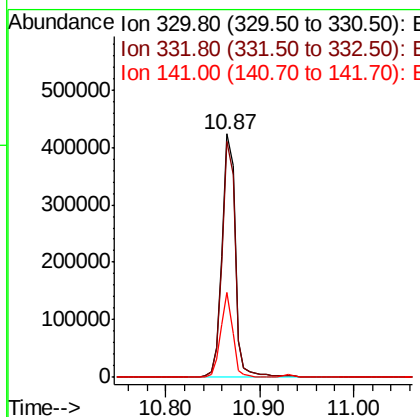
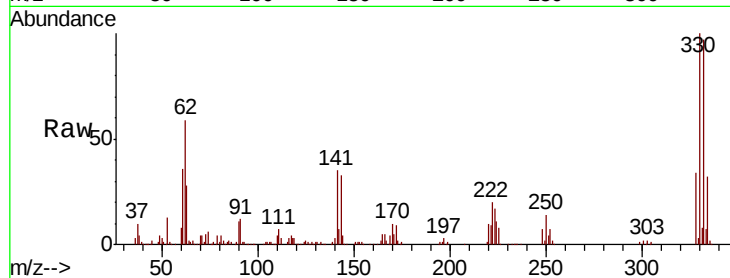




#41
 2,4,6-Tribromophenol
 Concen: 84.703 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

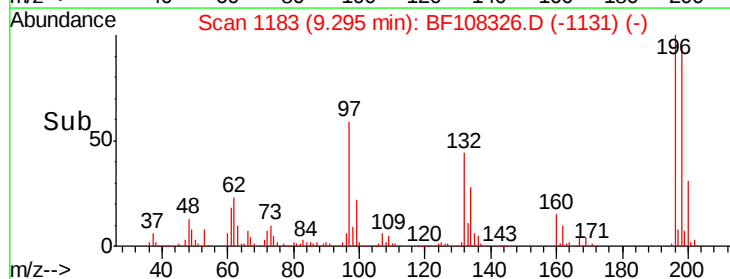
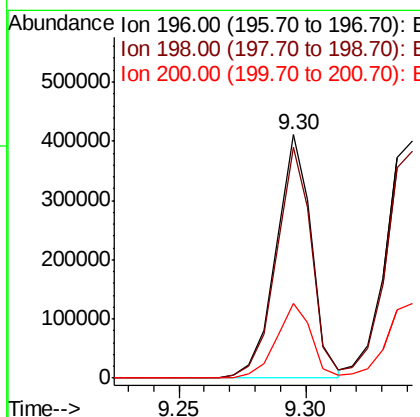
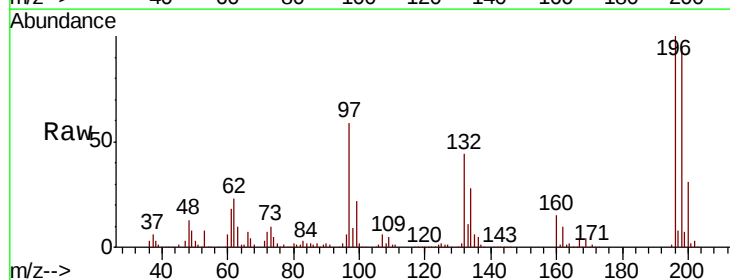
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

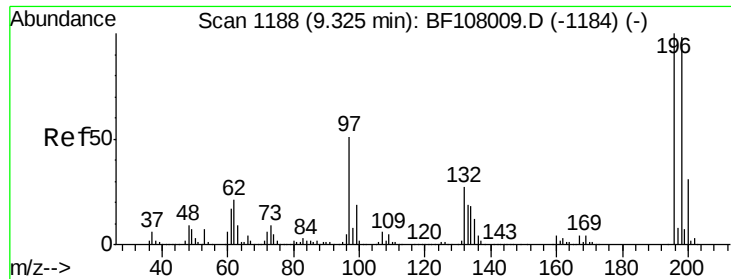
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.753 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.8	24.5	36.7

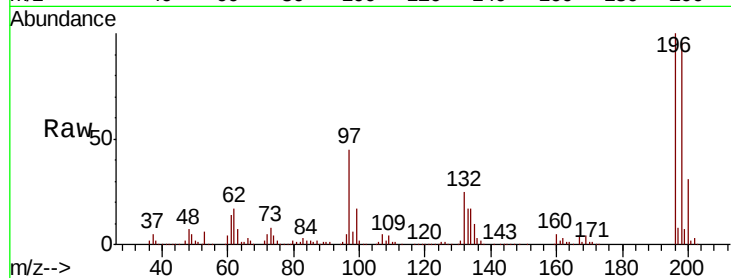




#43
 2,4,5-Trichlorophenol
 Concen: 41.825 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	44.7	42.9	64.3
132	25.1	26.3	39.5



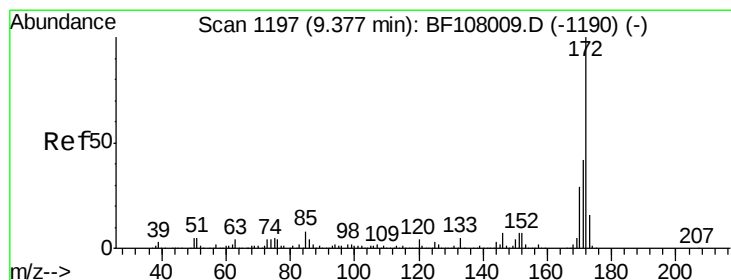
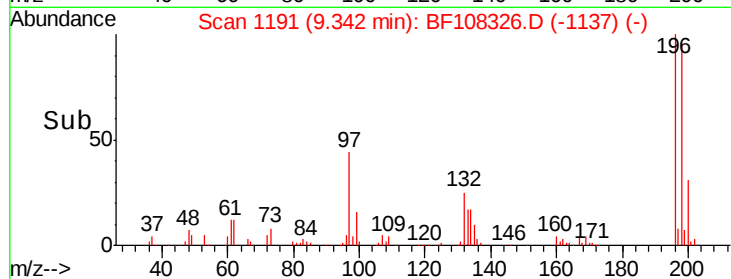
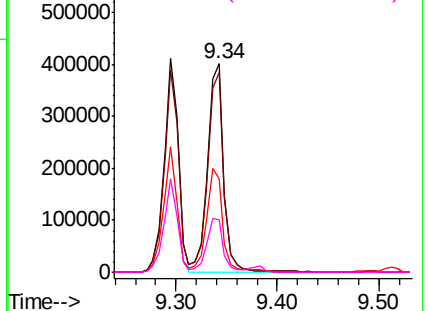
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

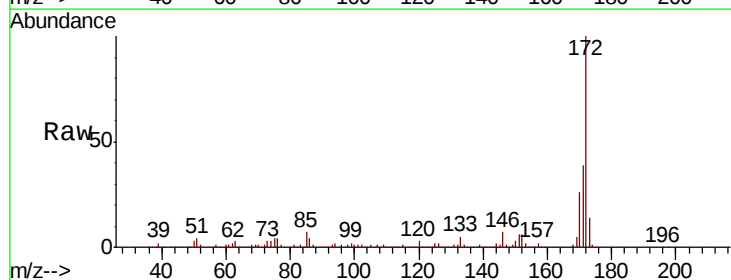
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.724 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	26.4	19.6	29.4

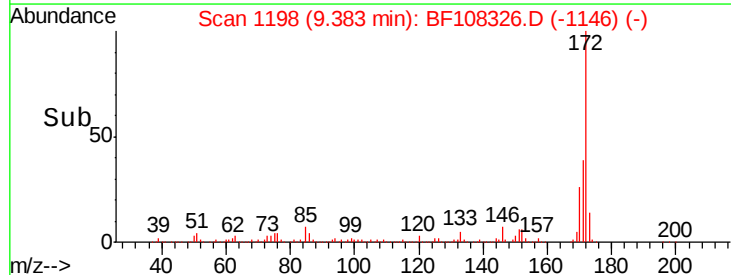
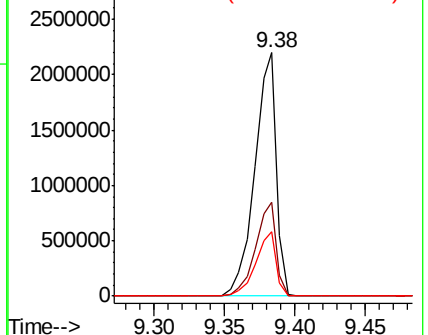


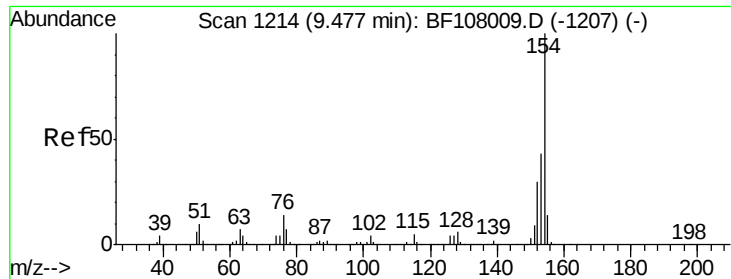
Abundance

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

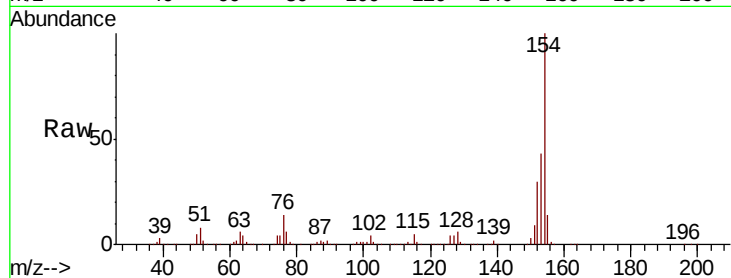




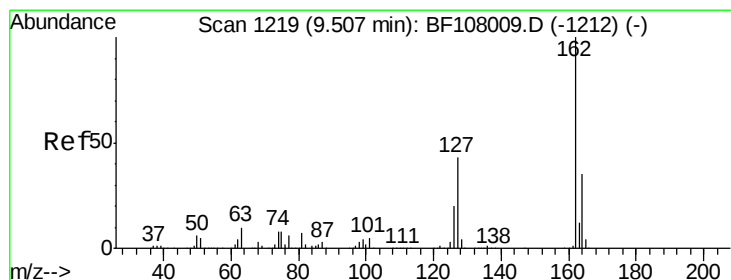
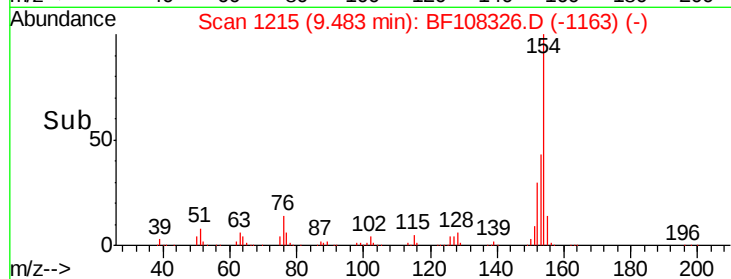
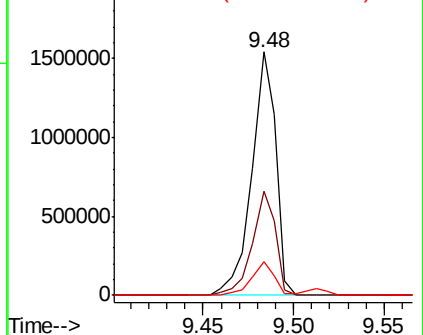
#45
 1,1'-Biphenyl
 Concen: 38.489 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1420726
 Ion Ratio Lower Upper
 154 100
 153 42.7 21.3 61.3
 76 13.6 0.0 34.0

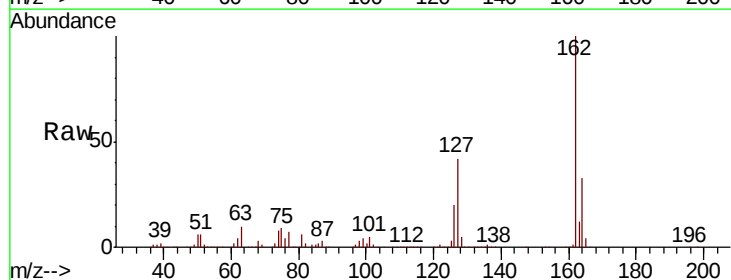


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

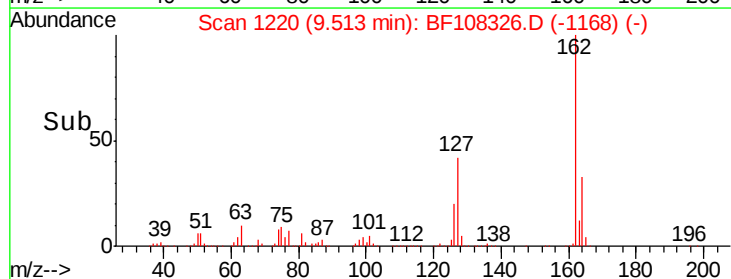
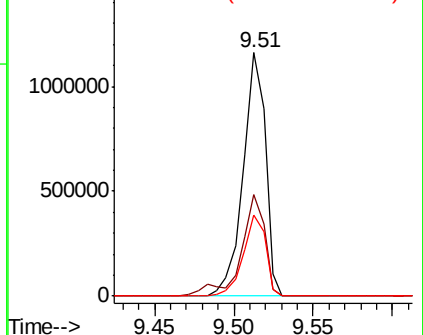


#46
 2-Chloronaphthalene
 Concen: 38.653 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion:162 Resp: 1127687
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

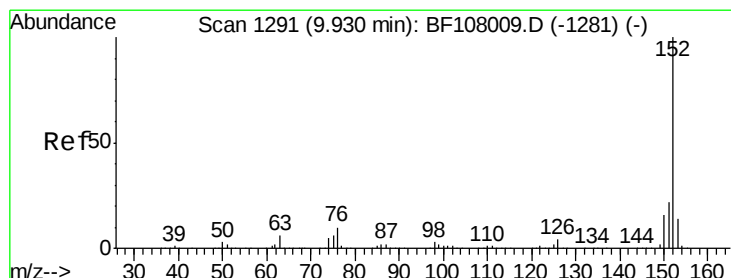
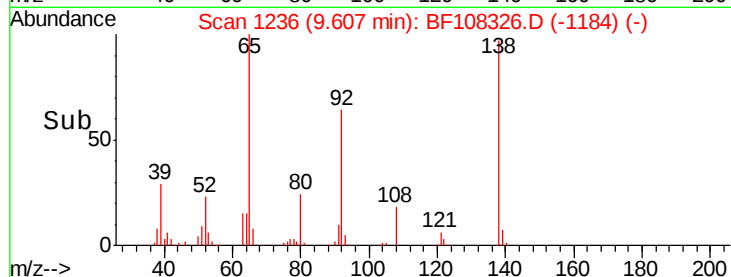
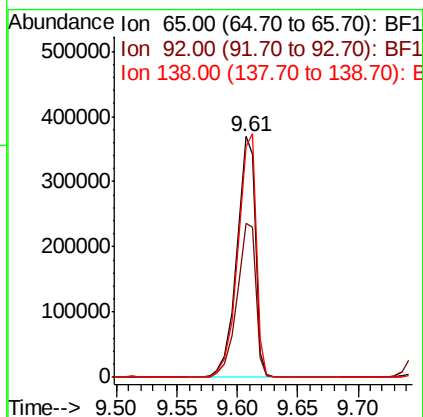
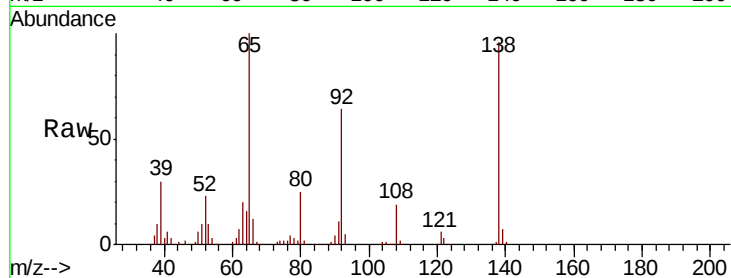




#47
2-Nitroaniline
Concen: 42.135 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

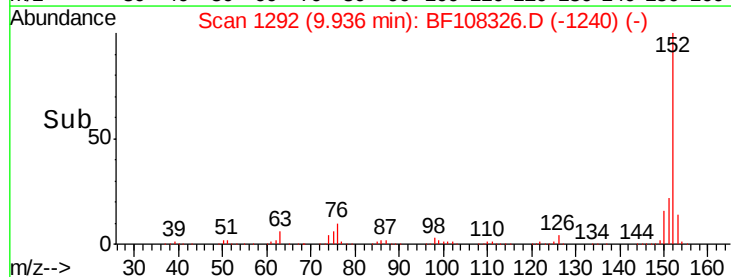
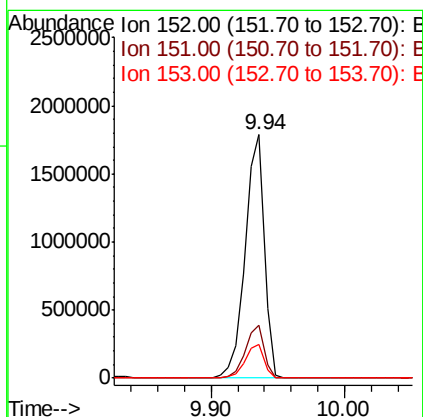
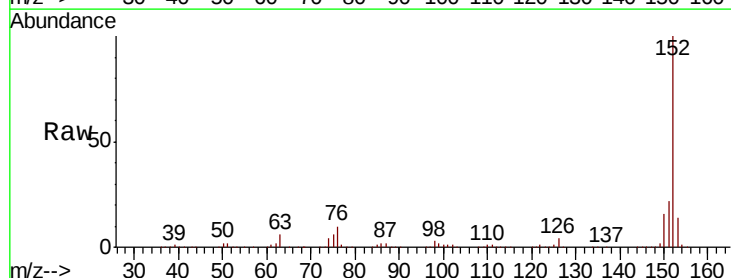
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

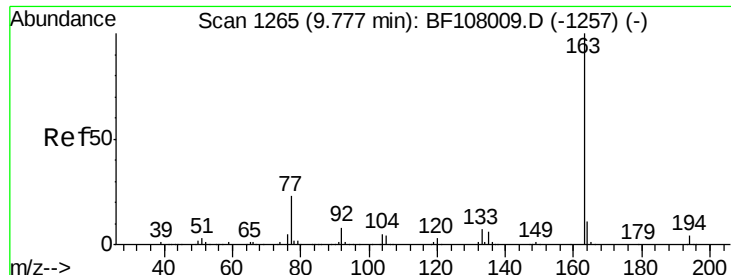
Tot Ion: 65 Resp: 397748
Ion Ratio Lower Upper
65 100
92 64.1 55.8 83.6
138 96.0 91.2 136.8



#48
Acenaphthylene
Concen: 38.254 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion: 152 Resp: 1764375
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.0 10.7 16.1

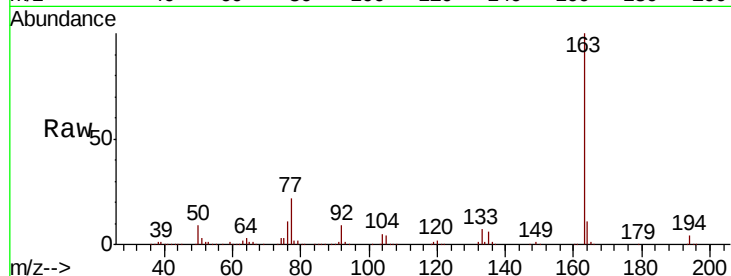




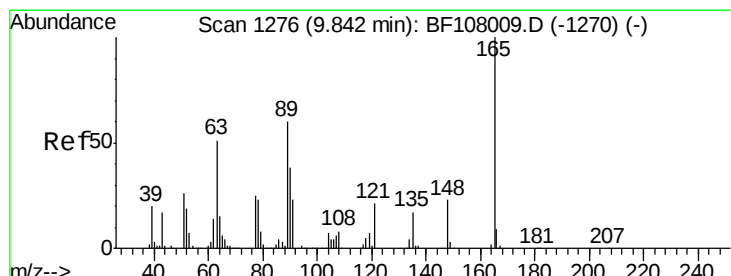
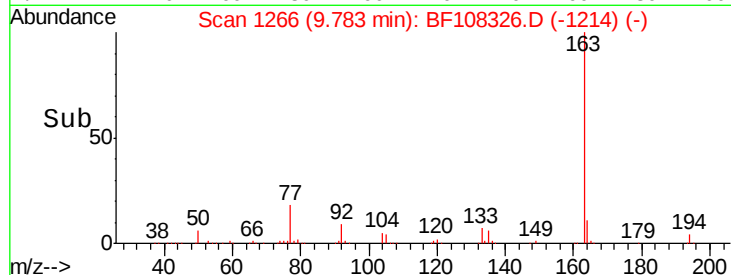
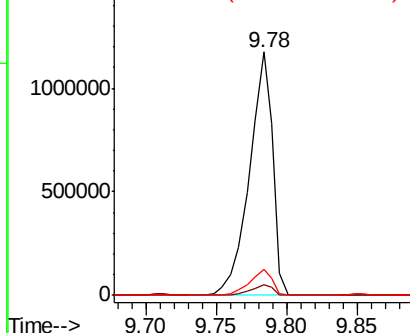
#49
Dimethylphthalate
Concen: 38.859 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1355186
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.6 8.2 12.2

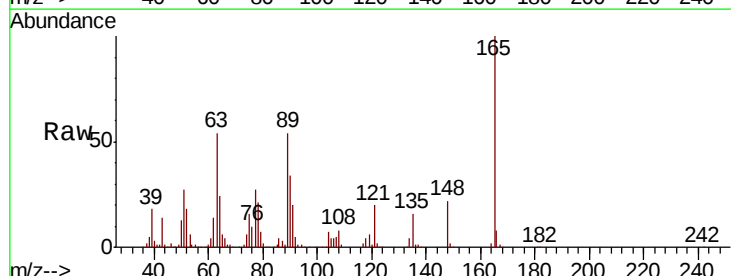


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

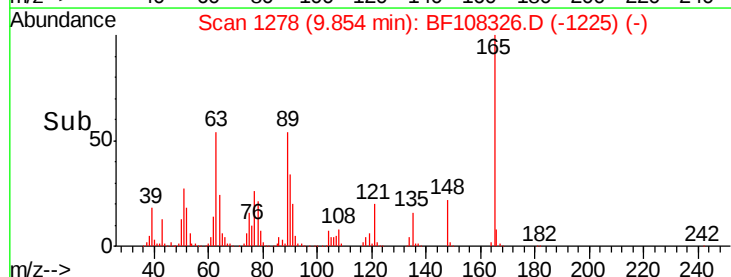
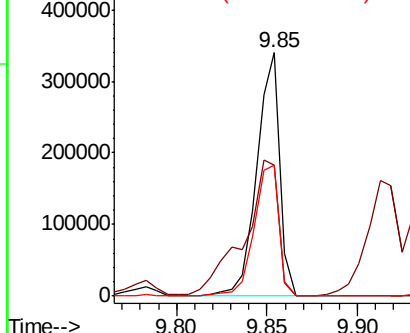


#50
2,6-Dinitrotoluene
Concen: 41.108 ng
RT: 9.85 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion:165 Resp: 299944
Ion Ratio Lower Upper
165 100
63 53.8 44.7 67.1
89 53.6 44.0 66.0



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





#51

Acenaphthene

Concen: 36.970 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

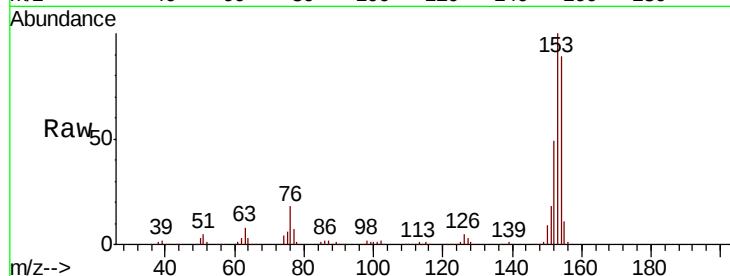
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1044417

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	54.7	43.8	65.8

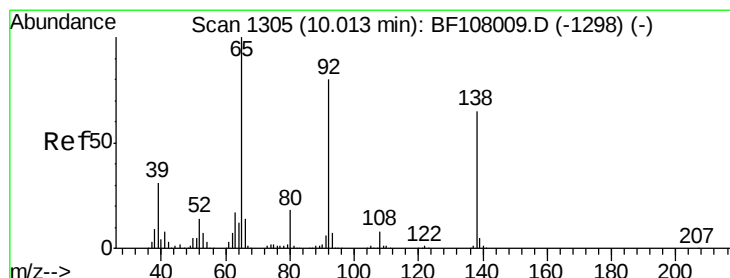
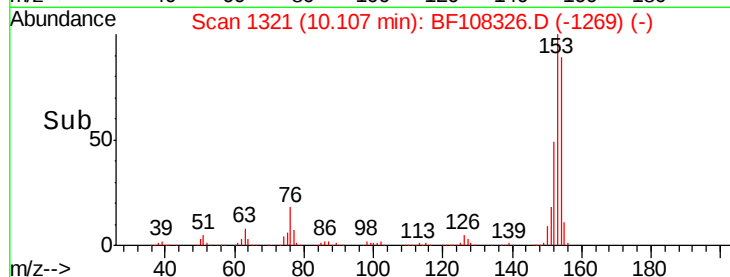
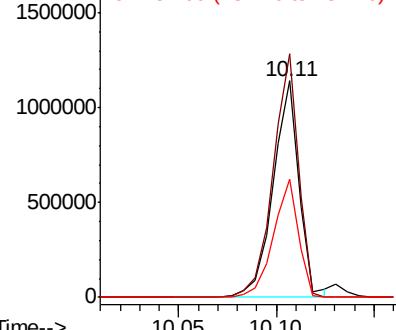


Abundance

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



#52

3-Nitroaniline

Concen: 41.636 ng

RT: 10.02 min Scan# 1307

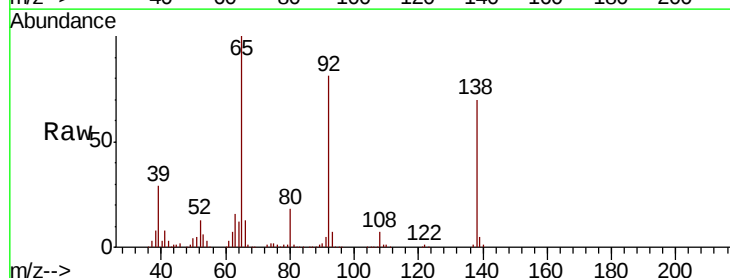
Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Tgt Ion:138 Resp: 332389

Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	117.2	89.4	134.2

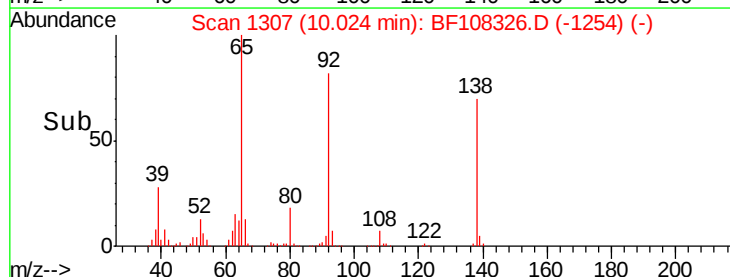
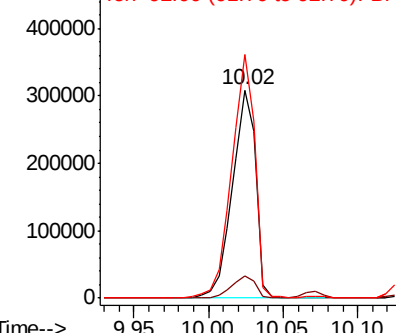


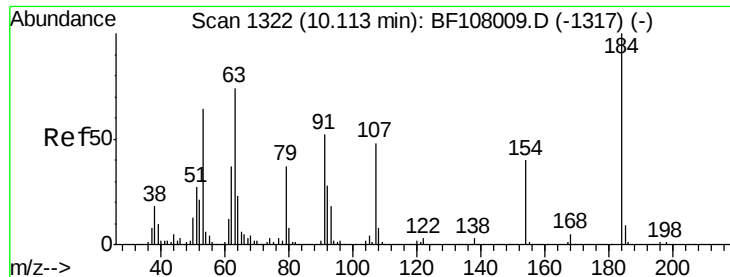
Abundance

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

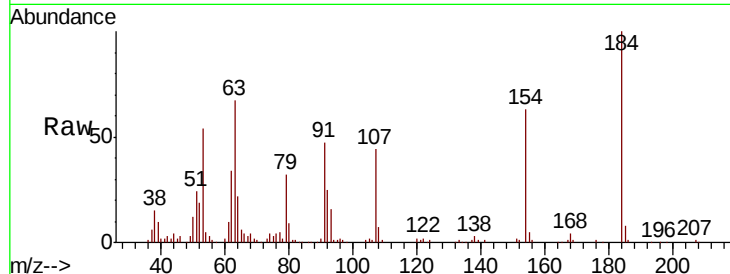




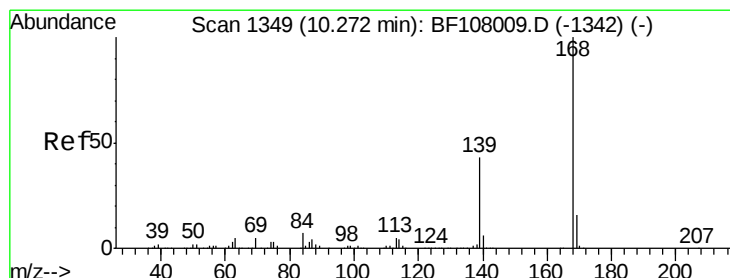
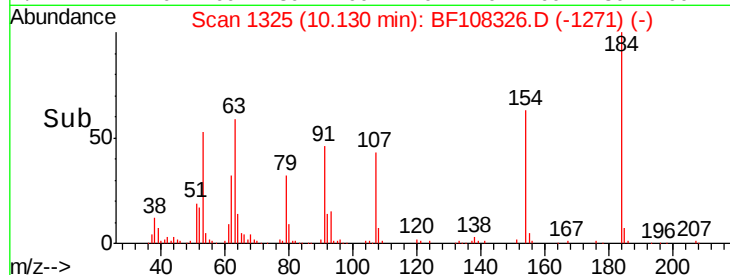
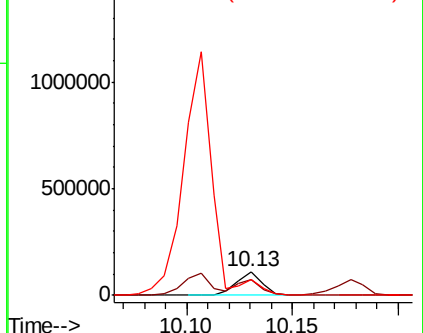
#53
 2,4-Dinitrophenol
 Concen: 38.671 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 94739
 Ion Ratio Lower Upper
 184 100
 63 67.3 54.2 81.2
 154 63.5 184.0 276.0#

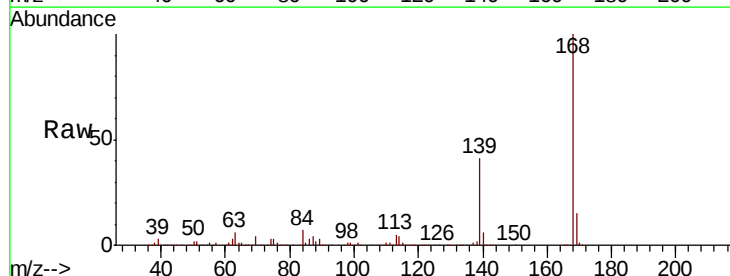


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

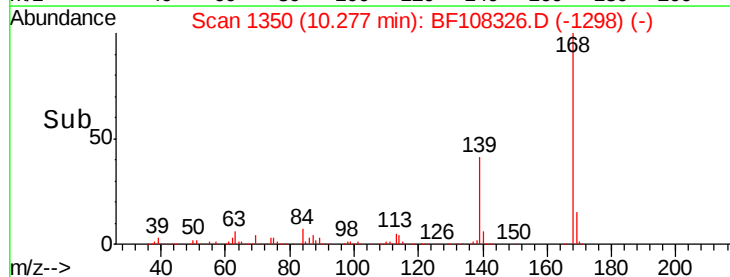
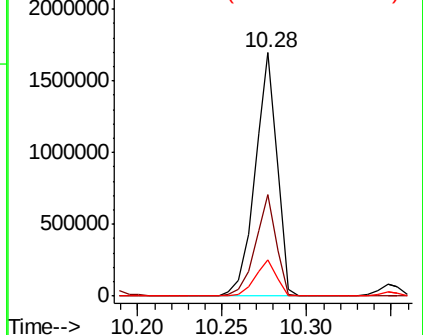


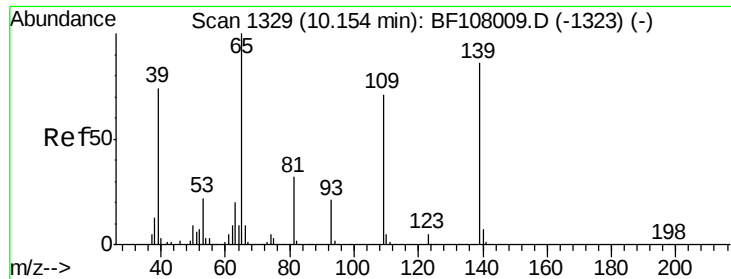
#54
 Dibenzofuran
 Concen: 37.571 ng
 RT: 10.28 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion:168 Resp: 1537727
 Ion Ratio Lower Upper
 168 100
 139 41.5 30.1 45.1
 169 15.1 10.9 16.3



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

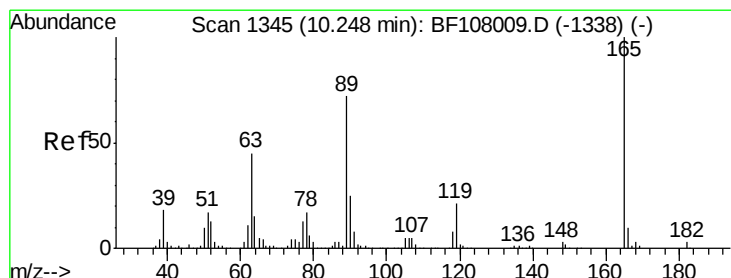
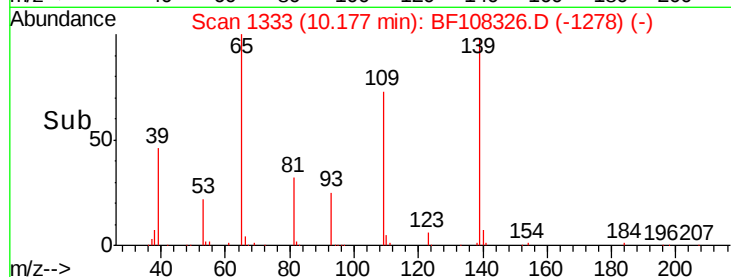
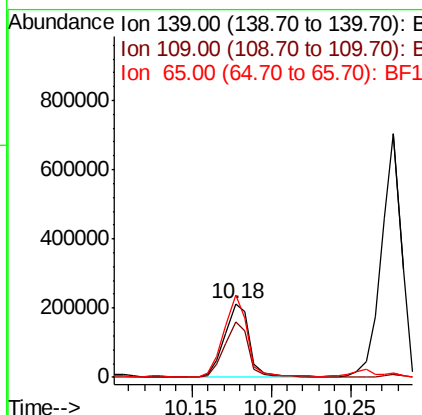
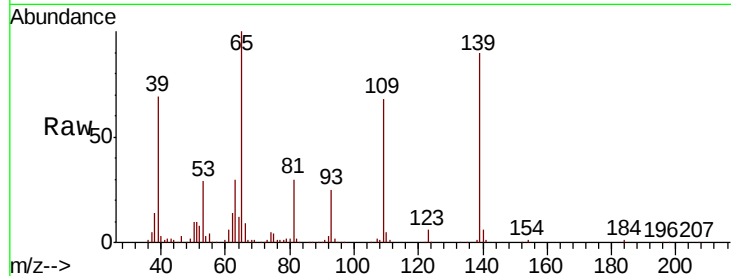




#55
4-Nitrophenol
Concen: 39.003 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

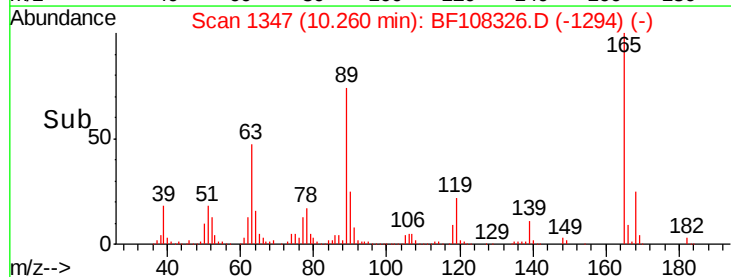
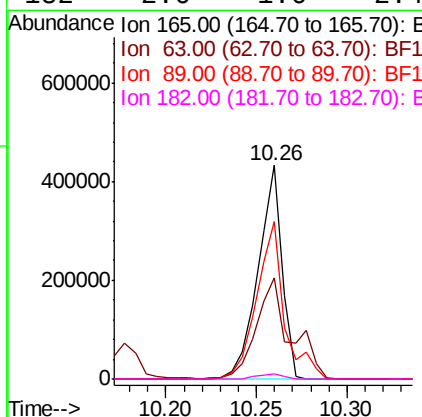
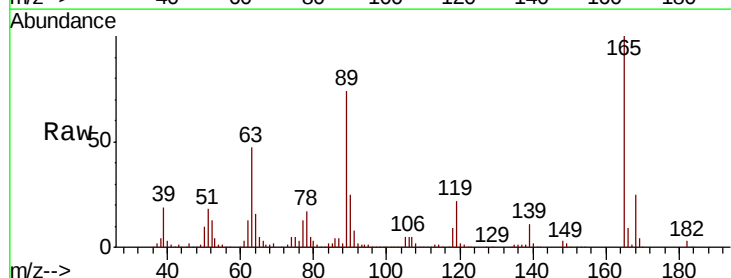
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

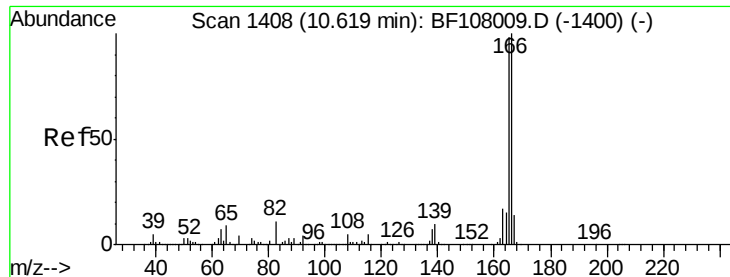
Tot Ion:139 Resp: 235785
Ion Ratio Lower Upper
139 100
109 75.6 48.4 88.4
65 111.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.529 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion:165 Resp: 399424
Ion Ratio Lower Upper
165 100
63 47.5 36.4 54.6
89 73.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 38.091 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

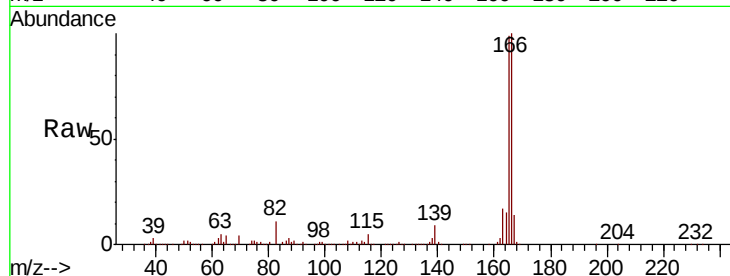
Tot Ion:166 Resp: 1234123

Ion Ratio Lower Upper

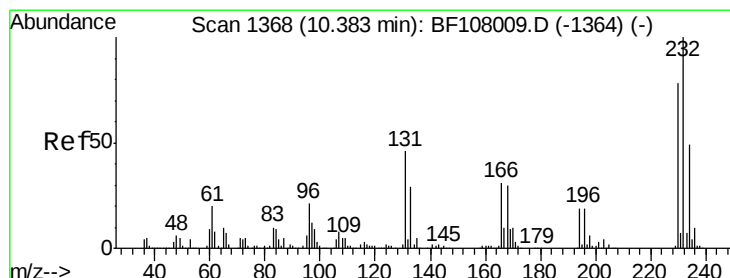
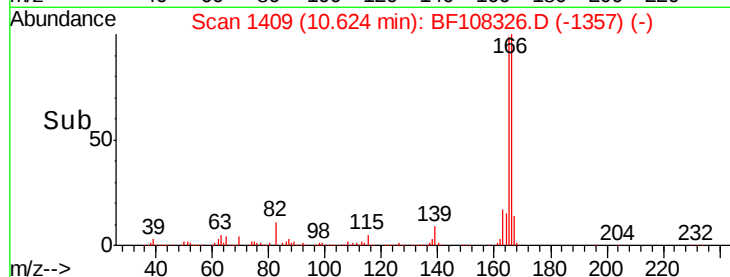
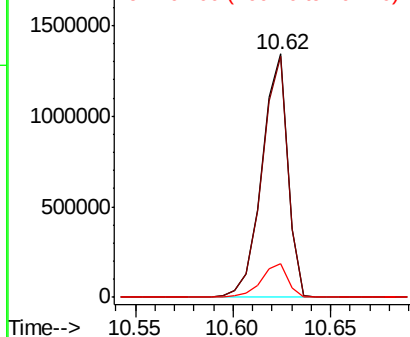
166 100

165 98.9 79.8 119.8

167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.173 ng

RT: 10.39 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Tgt Ion:232 Resp: 361424

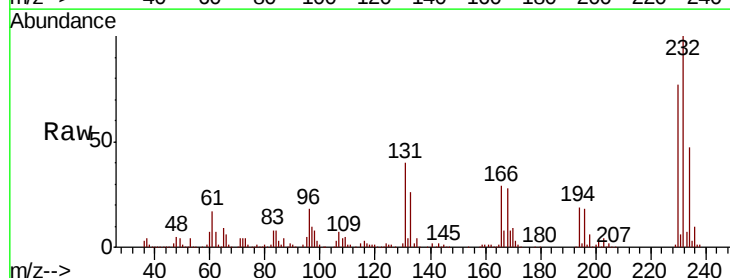
Ion Ratio Lower Upper

232 100

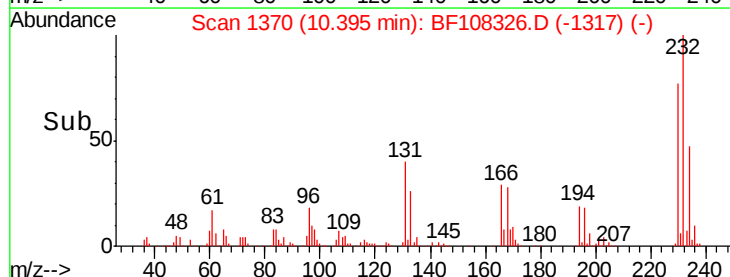
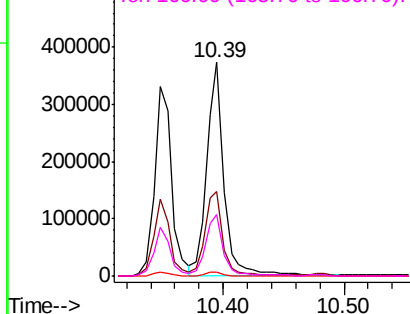
131 41.2 43.8 65.8#

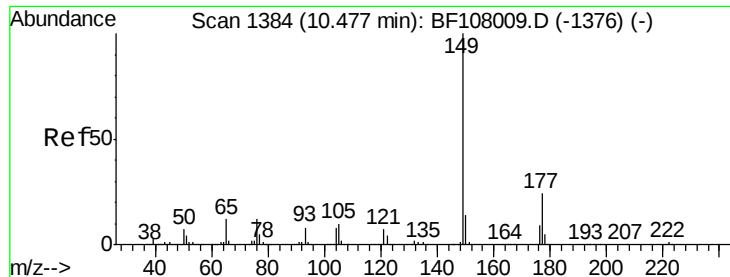
130 2.0 2.1 3.1#

166 28.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
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





#59

Diethylphthalate

Concen: 37.418 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

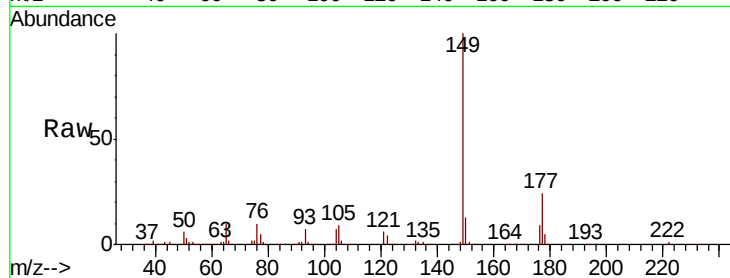
Tot Ion:149 Resp: 1263627

Ion Ratio Lower Upper

149 100

177 23.9 16.1 24.1

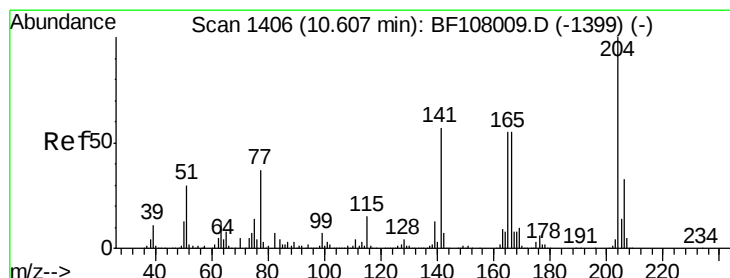
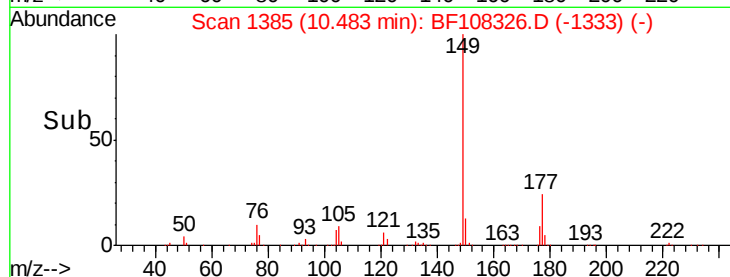
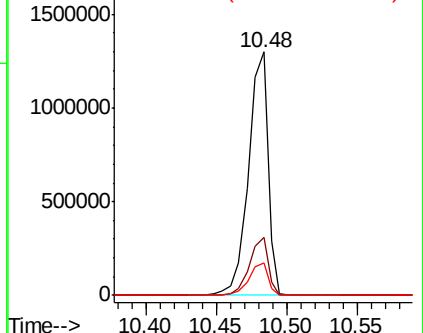
150 13.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.734 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

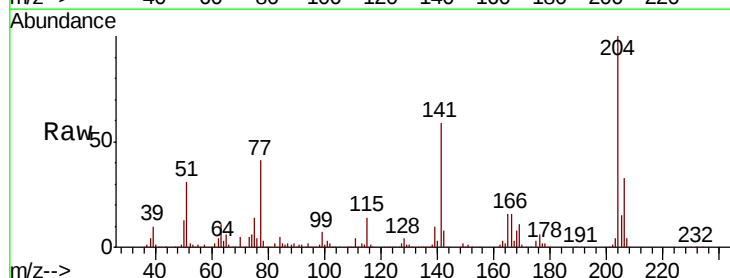
Tgt Ion:204 Resp: 637036

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

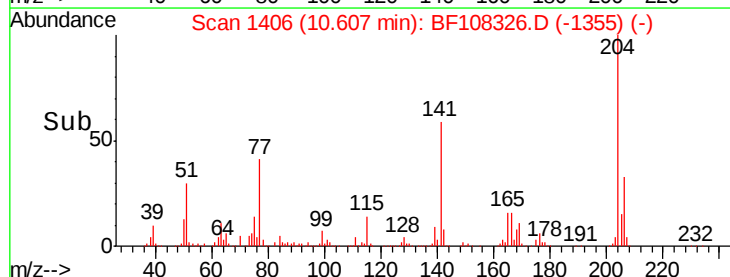
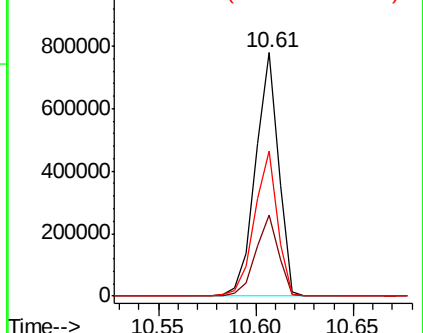
141 59.4 54.6 81.8

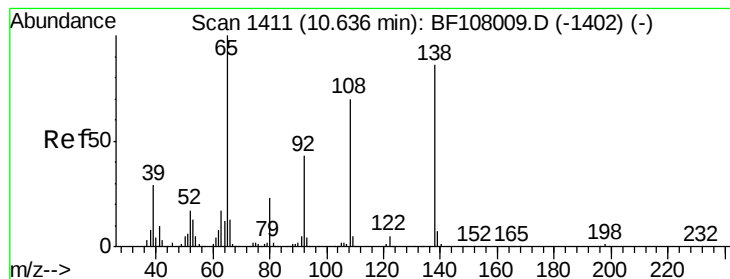


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.550 ng

RT: 10.65 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

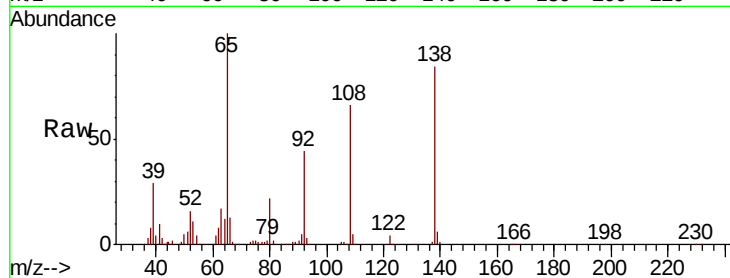
Tot Ion:138 Resp: 327949

Ion Ratio Lower Upper

138 100

92 52.4 30.2 70.2

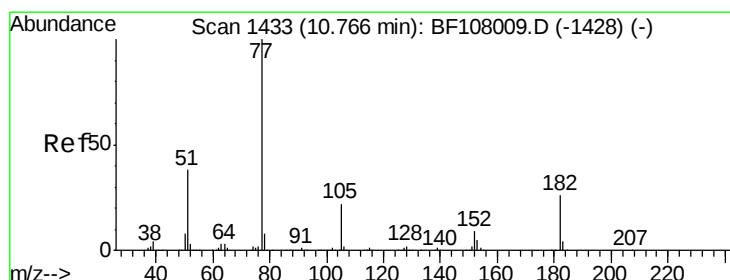
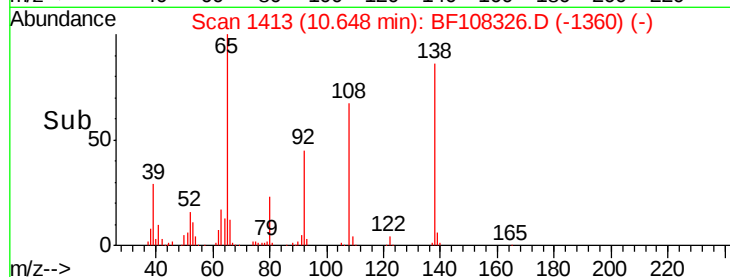
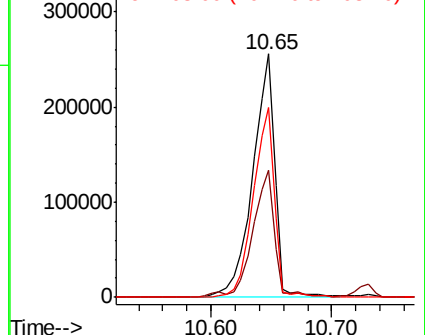
108 78.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.940 ng

RT: 10.77 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Tgt Ion: 77 Resp: 1288295

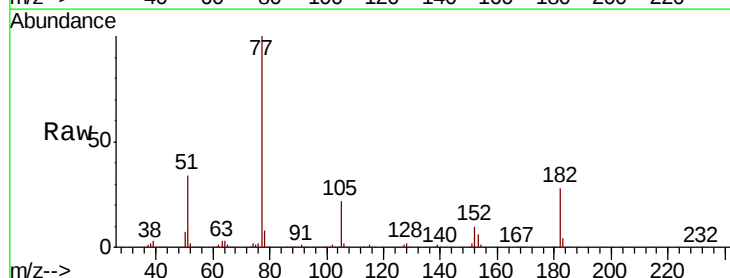
Ion Ratio Lower Upper

77 100

182 27.9 1.7 41.7

105 22.3 3.0 43.0

51 33.6 9.9 49.9

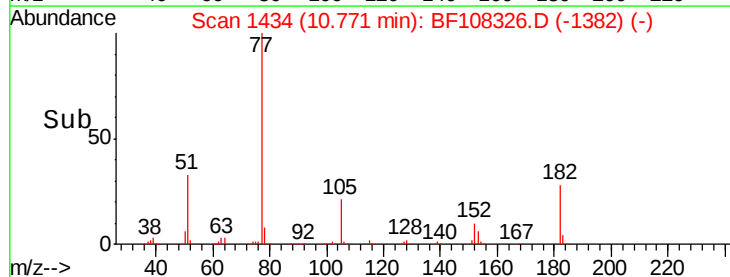
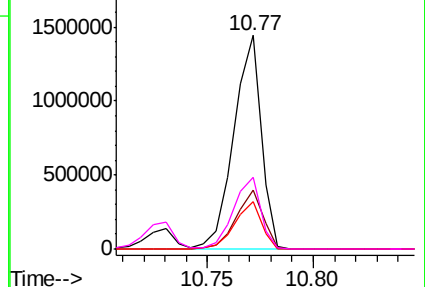


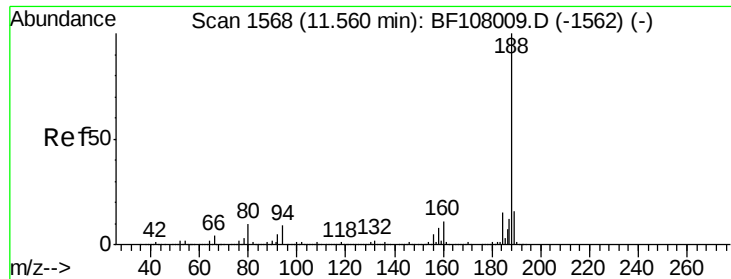
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

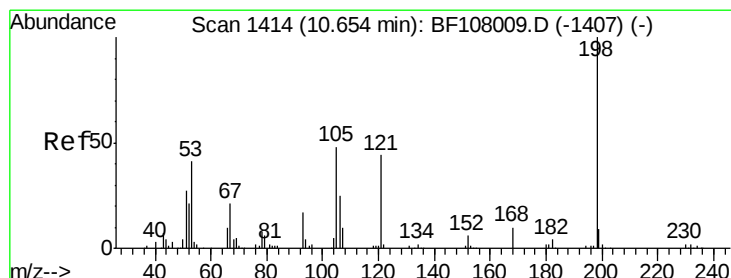
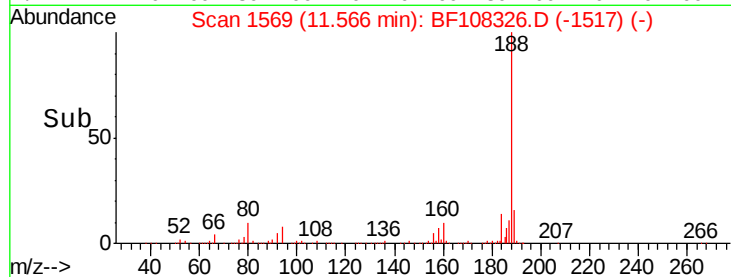
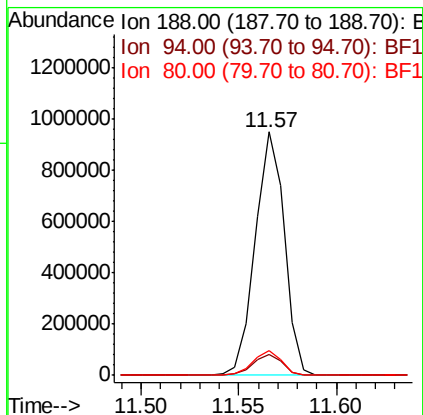
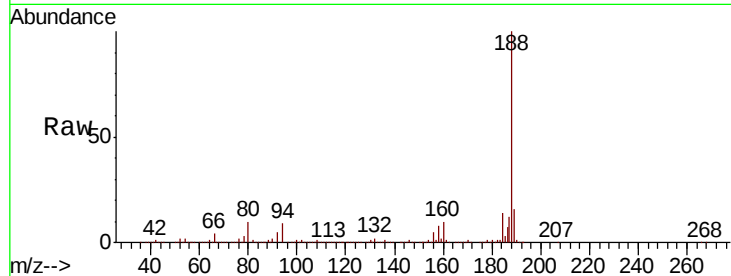




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

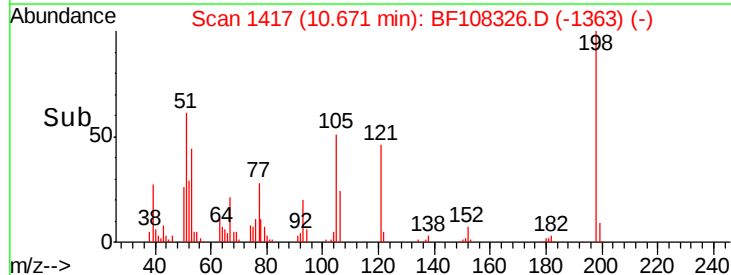
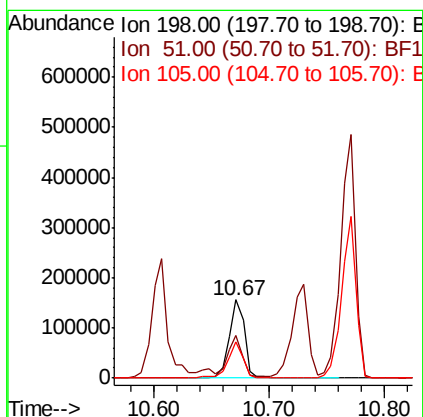
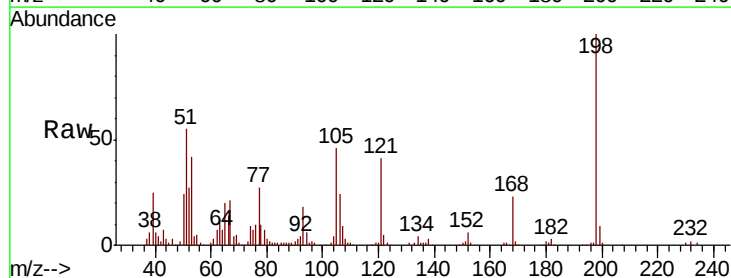
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

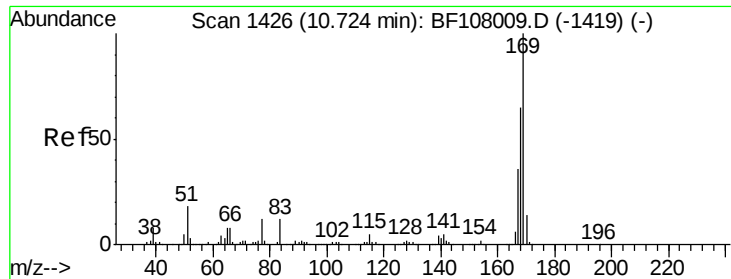
Tot Ion:188 Resp: 981709
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.813 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion:198 Resp: 142947
Ion Ratio Lower Upper
198 100
51 55.1 37.7 77.7
105 46.0 36.3 76.3

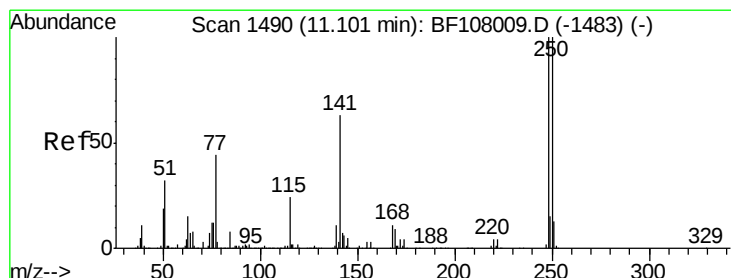
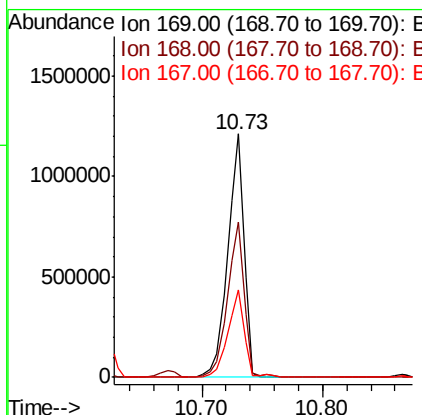
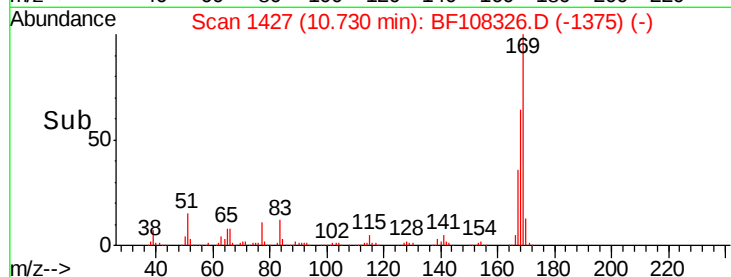
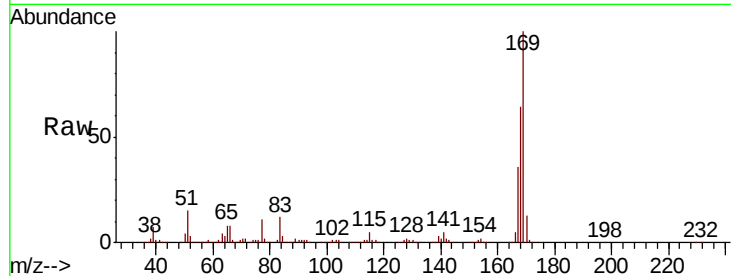




#65
n-Nitrosodiphenylamine
Concen: 39.093 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

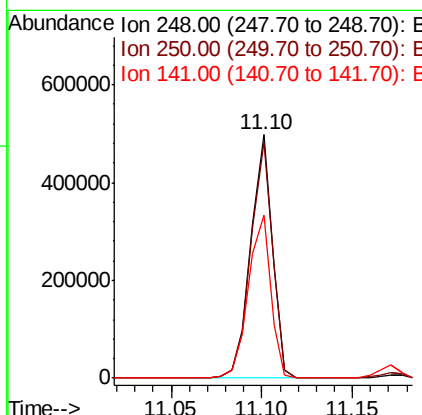
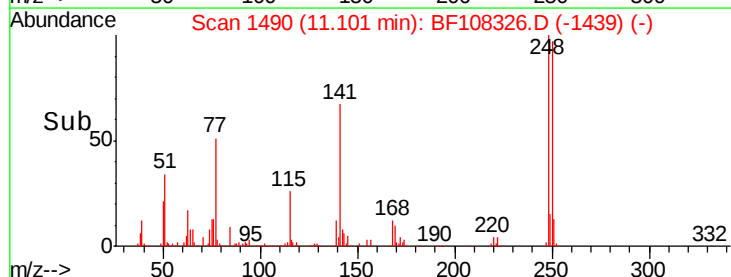
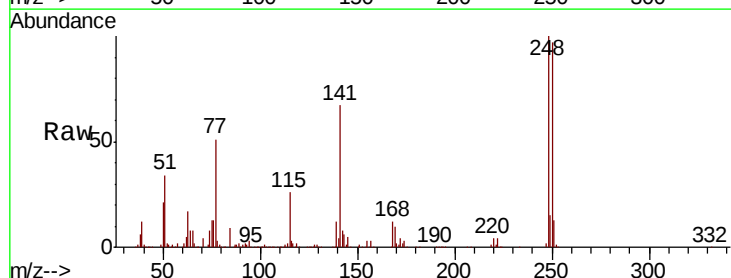
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

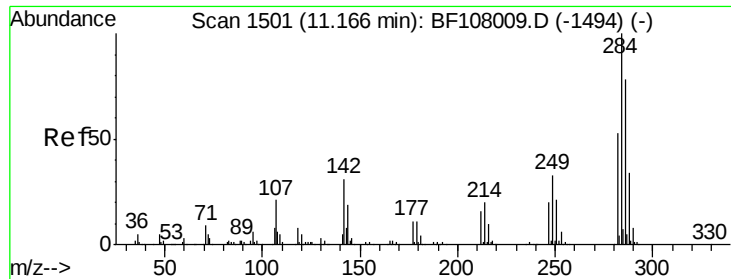
Tot Ion:169 Resp: 1134095
Ion Ratio Lower Upper
169 100
168 63.9 54.4 81.6
167 35.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.077 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion:248 Resp: 416893
Ion Ratio Lower Upper
248 100
250 97.0 76.9 115.3
141 66.9 74.4 111.6#

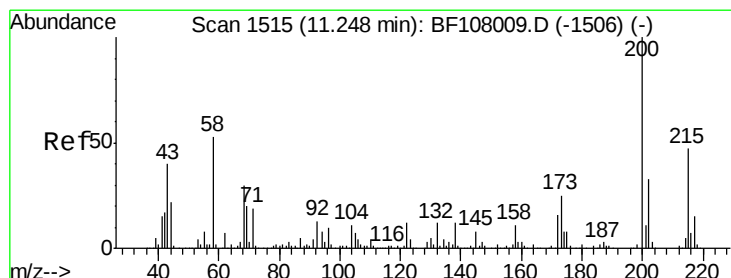
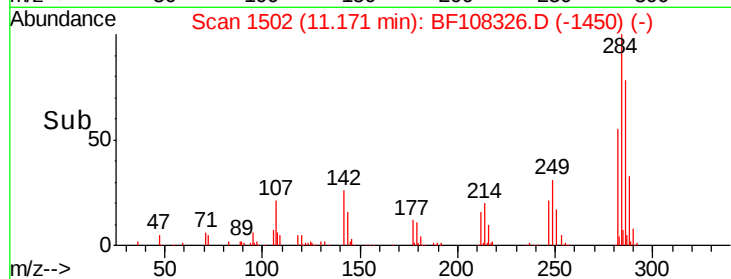
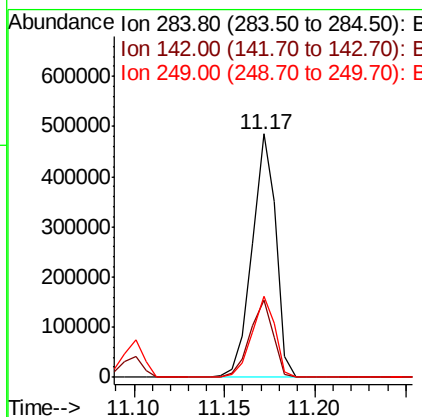
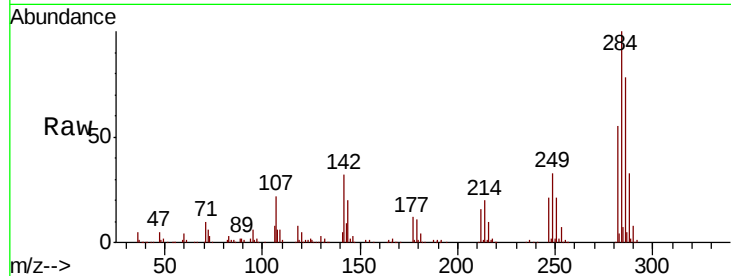




#67
Hexachlorobenzene
Concen: 39.308 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

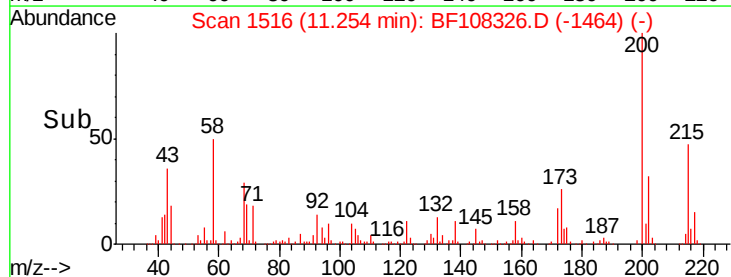
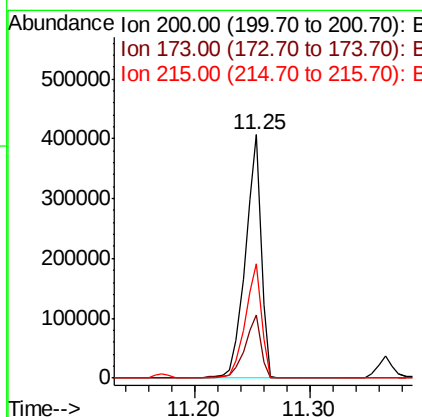
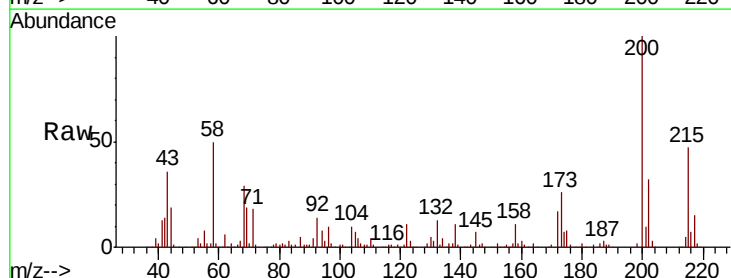
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.7	34.6	52.0#
249	33.2	24.8	37.2



#68
Atrazine
Concen: 39.344 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.6	48.6
215	46.9	25.1	65.1





#69

Pentachlorophenol

Concen: 36.364 ng

RT: 11.37 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

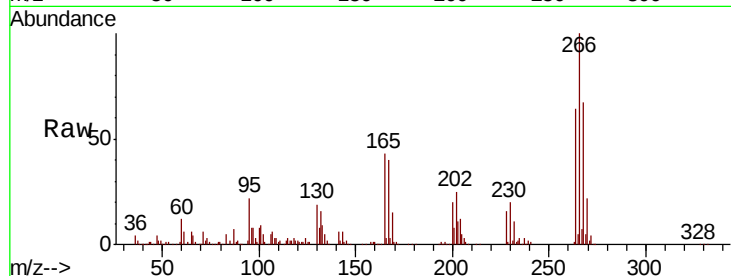
Tot Ion:266 Resp: 195375

Ion Ratio Lower Upper

266 100

268 67.1 51.1 76.7

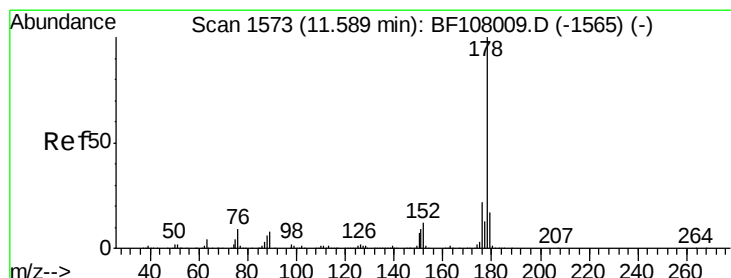
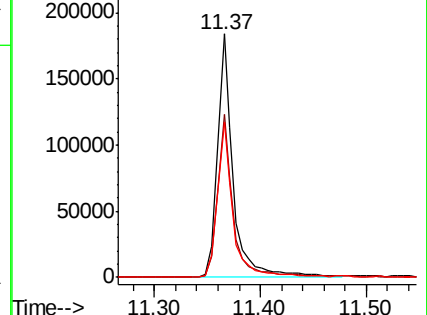
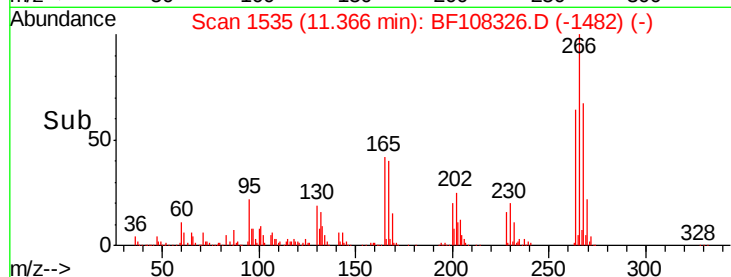
264 64.0 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.155 ng

RT: 11.59 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

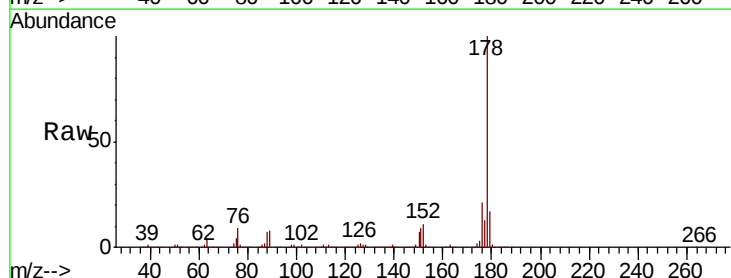
Tgt Ion:178 Resp: 1766726

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

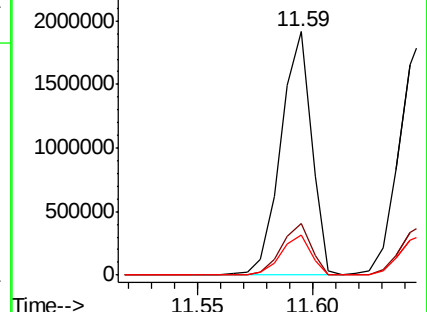
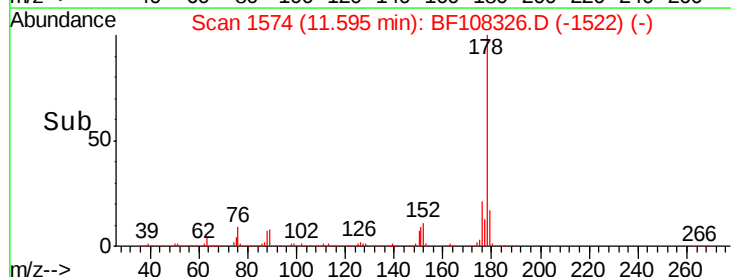
179 16.7 13.0 19.6

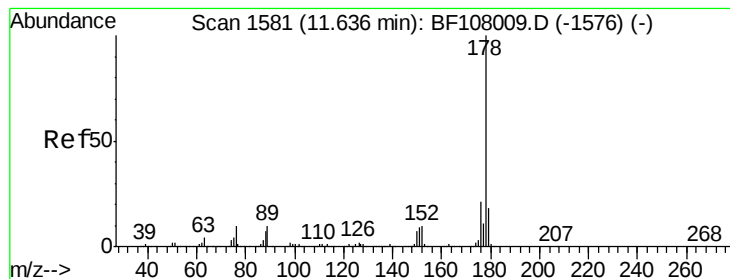


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.569 ng

RT: 11.65 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

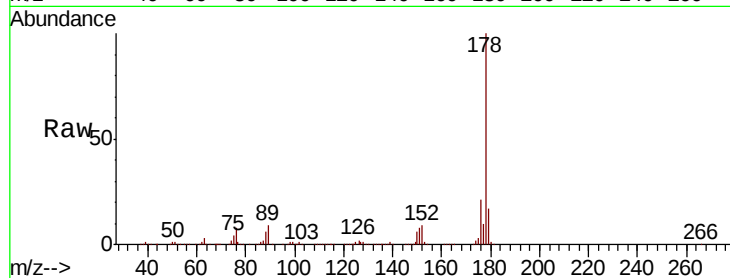
Tot Ion:178 Resp: 1830384

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.2

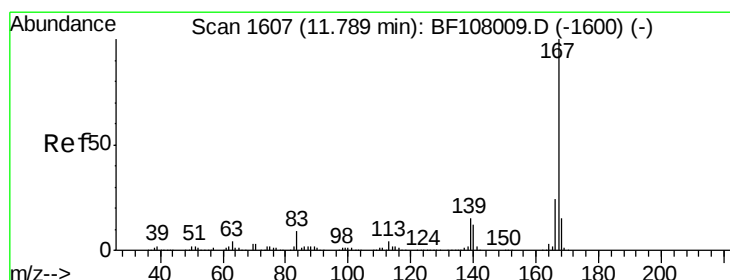
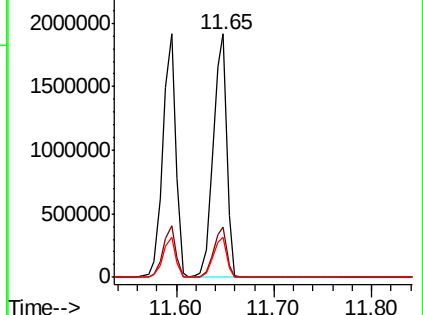
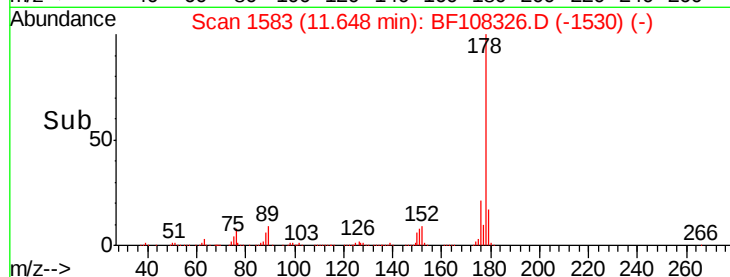
179 16.7 12.6 19.0



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

Carbazole

Concen: 37.721 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

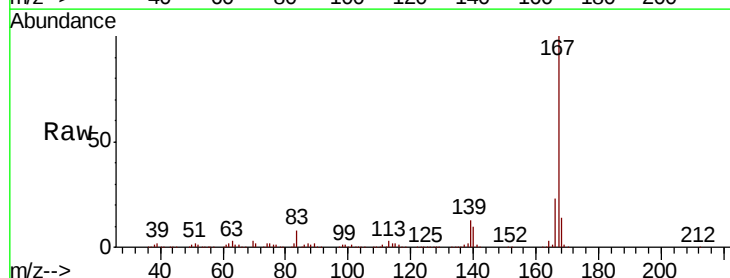
Tgt Ion:167 Resp: 1590520

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

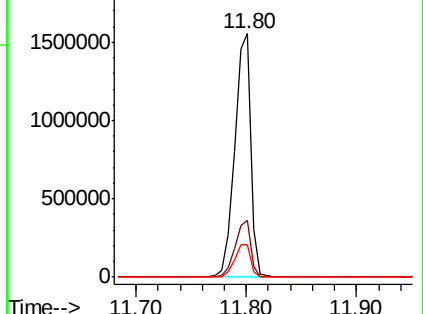
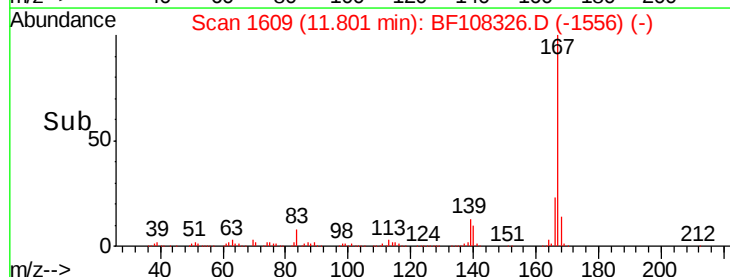
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.418 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

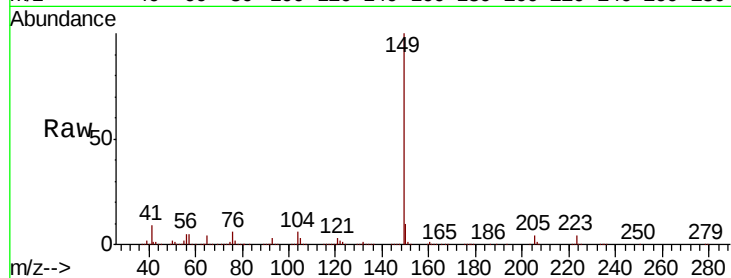
Tot Ion:149 Resp: 1882606

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

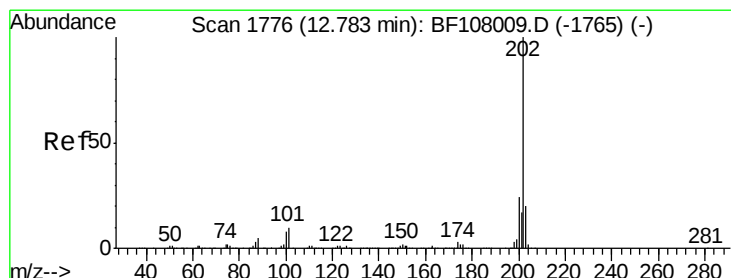
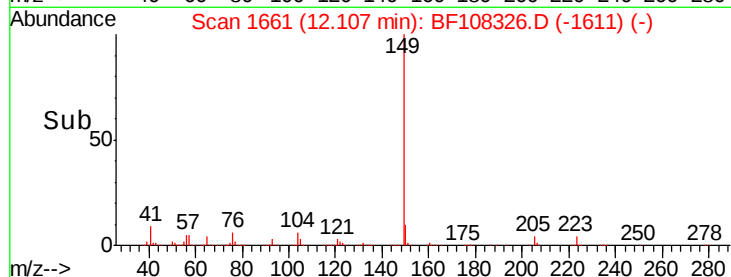
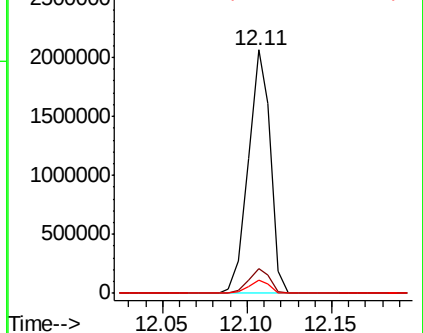
104 5.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.277 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

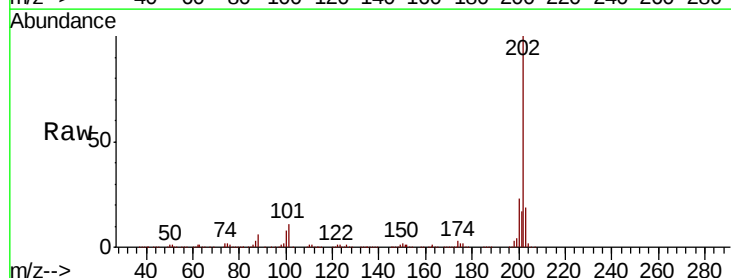
Tgt Ion:202 Resp: 1833231

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

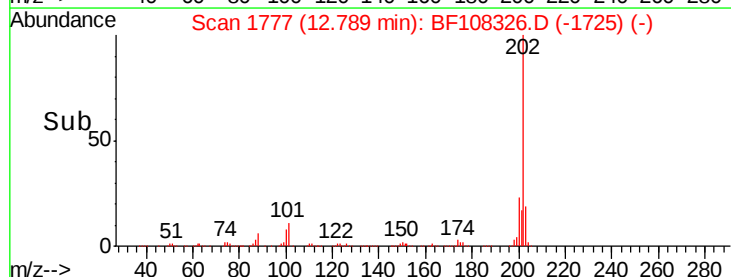
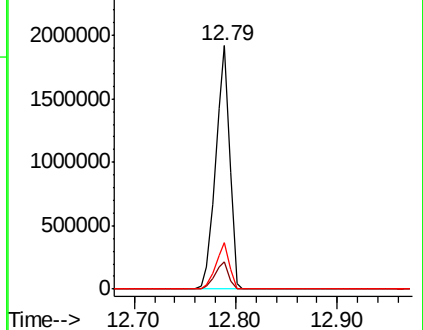
203 19.2 0.0 38.1

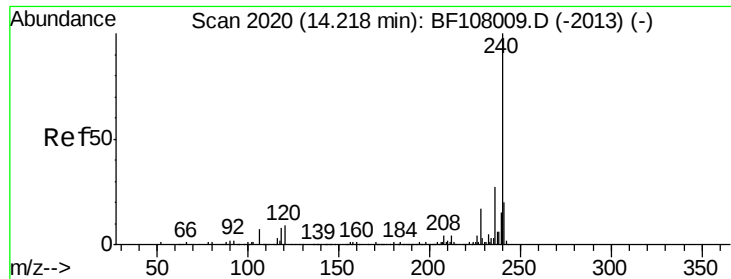


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

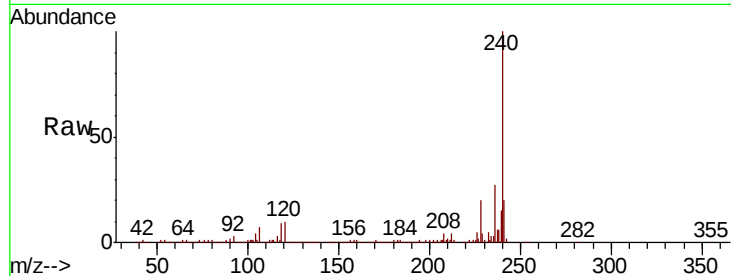
Tot Ion:240 Resp: 586753

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

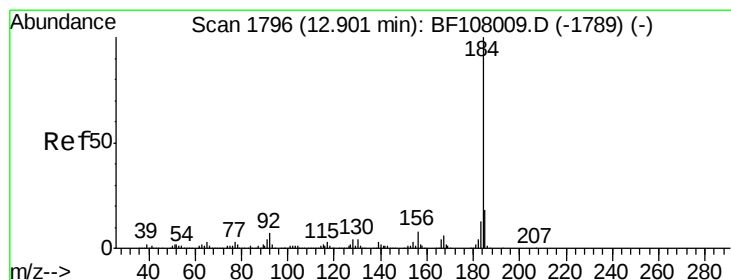
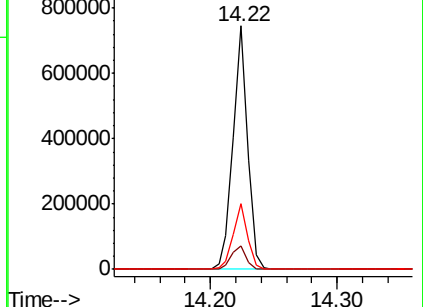
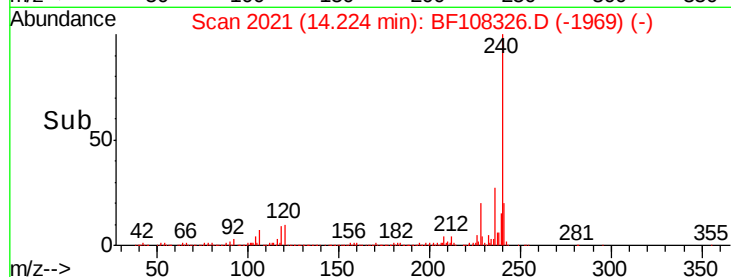
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.778 ng

RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

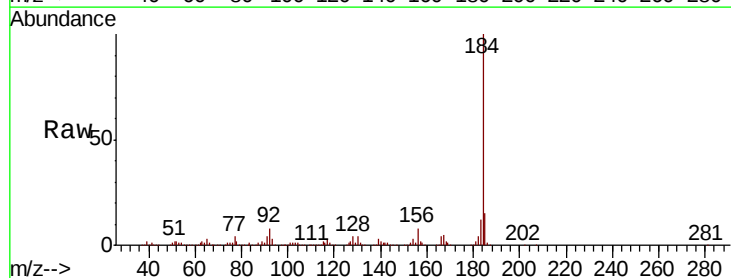
Tgt Ion:184 Resp: 915884

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

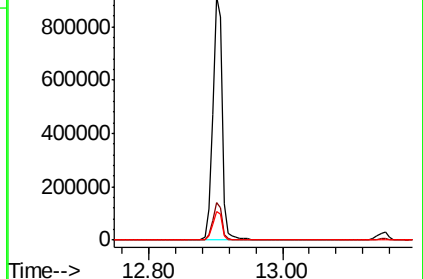
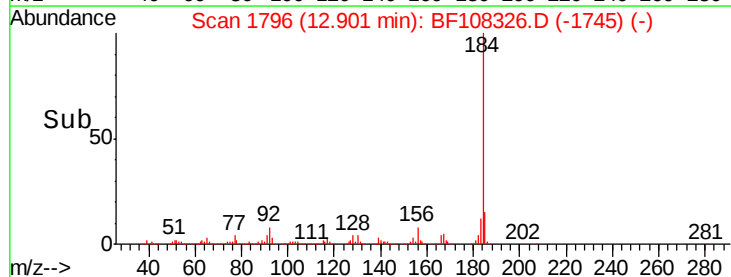
183 11.9 9.3 13.9



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





#77

Pvrene

Concen: 49.099 ng

RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

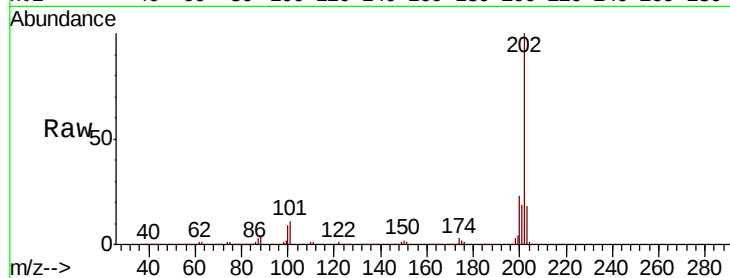
Tot Ion:202 Resp: 1823902

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

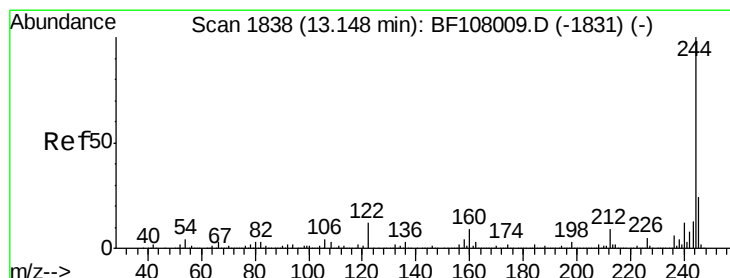
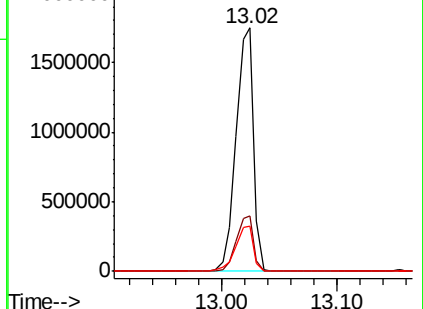
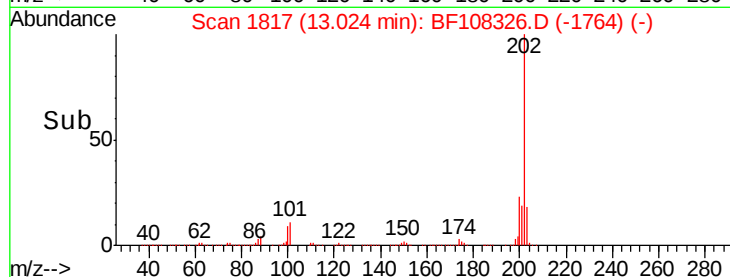
203 18.4 14.3 21.5



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



#78

Terphenyl-d14

Concen: 96.036 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

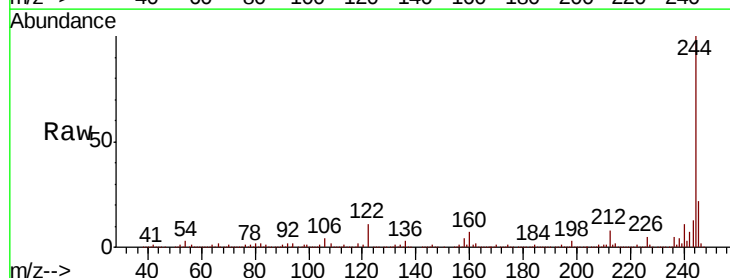
Tgt Ion:244 Resp: 2216250

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

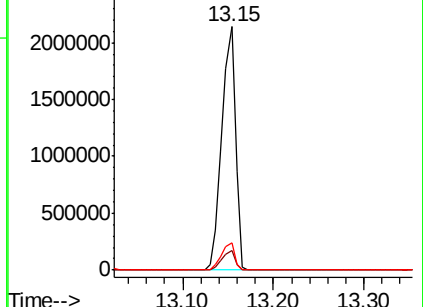
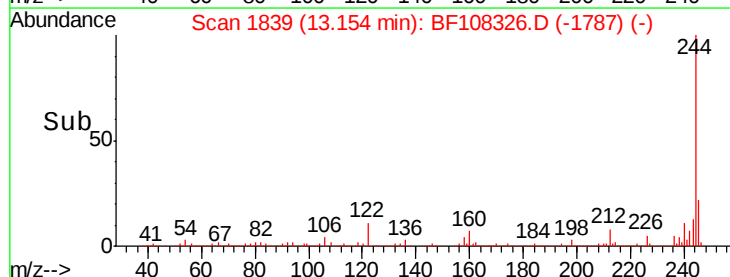
122 11.2 11.0 16.4

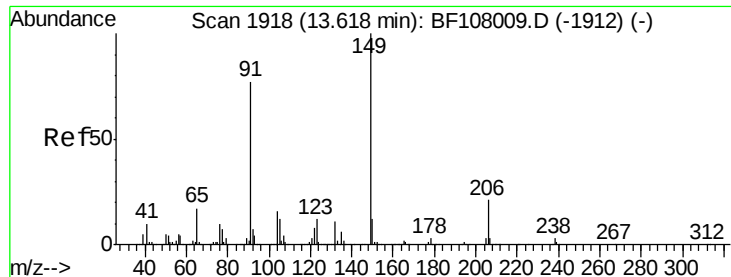


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

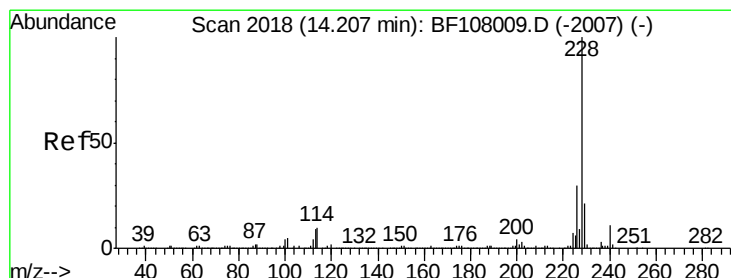
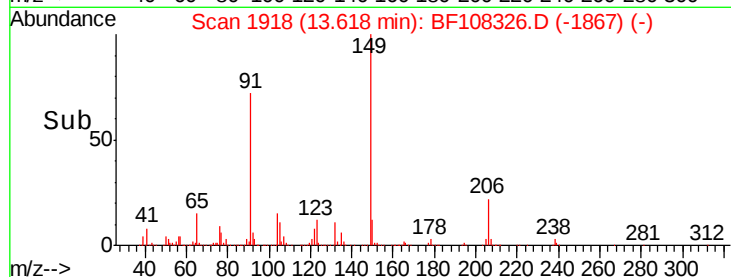
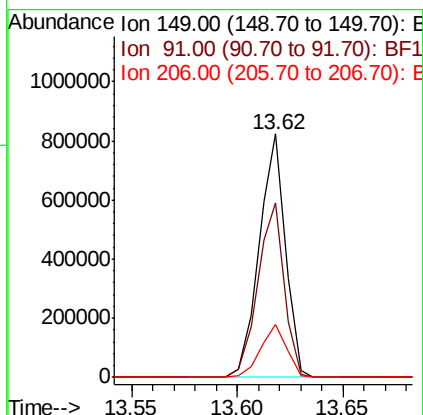
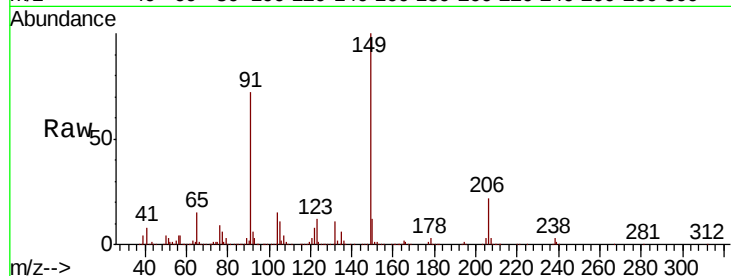




#79
Butylbenzylphthalate
Concen: 48.133 ng
RT: 13.62 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

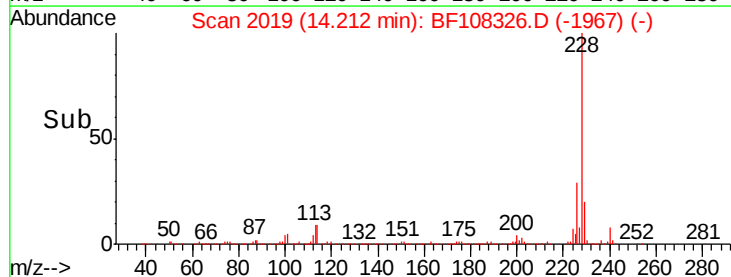
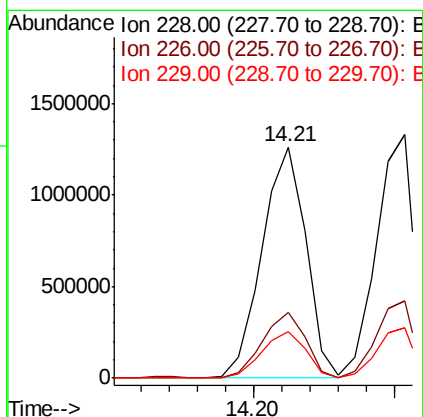
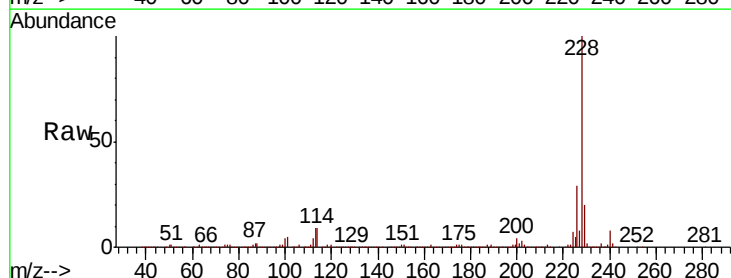
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

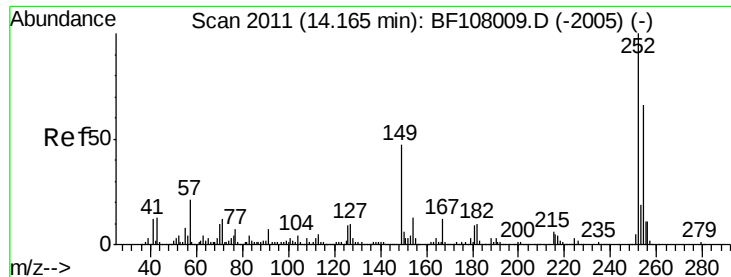
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	56.8	85.2
206	21.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.410 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.4	15.8	23.6

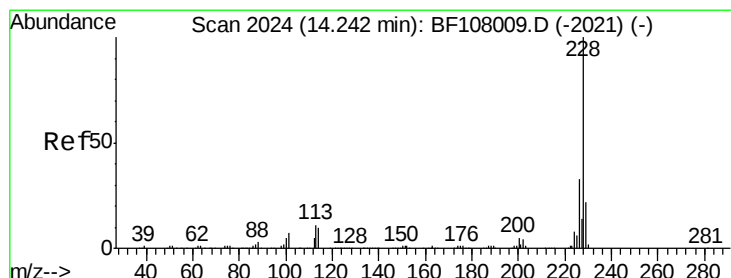
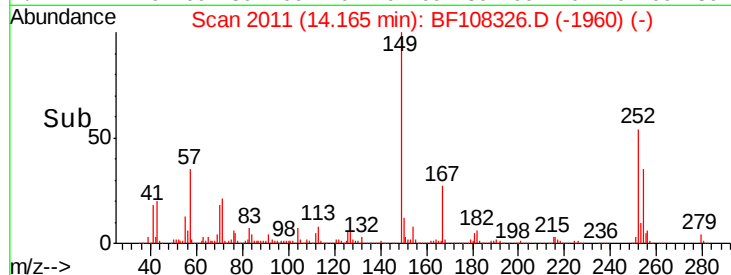
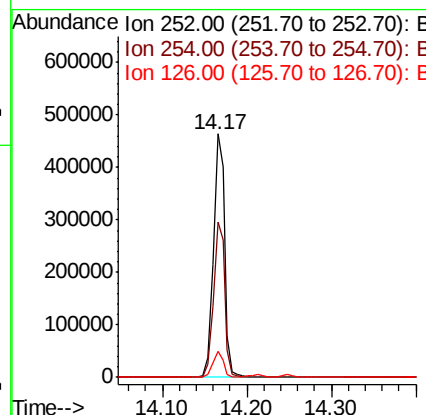
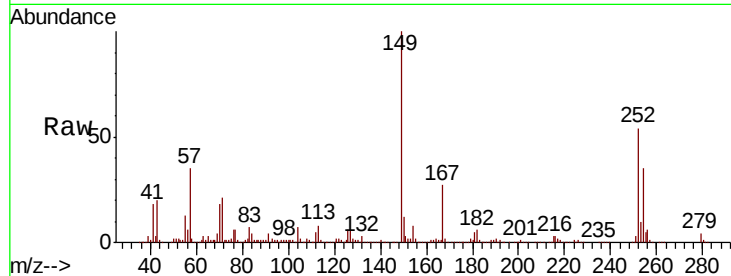




#81
 3,3'-Dichlorobenzidine
 Concen: 35.949 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

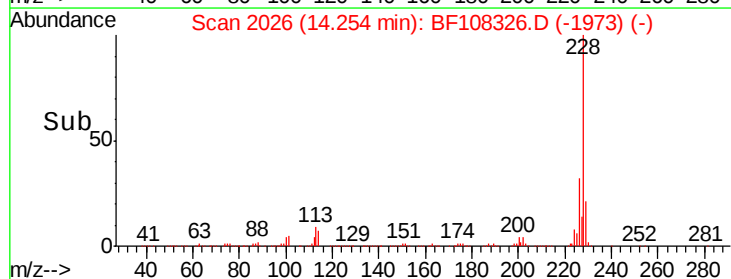
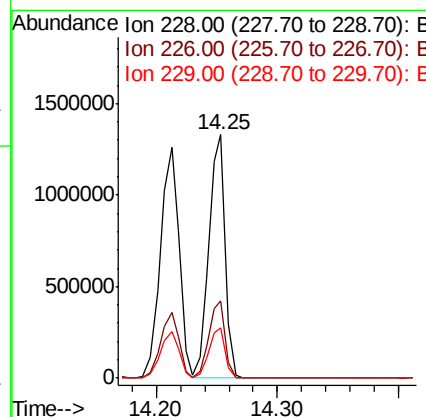
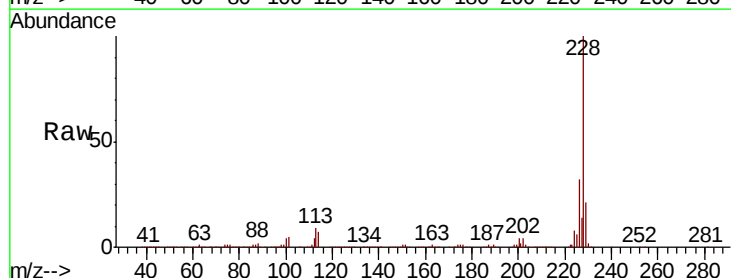
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

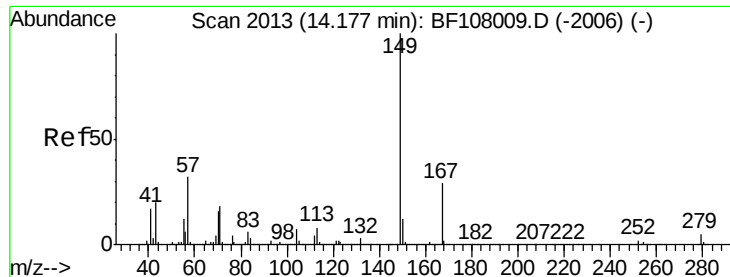
Tot Ion:252 Resp: 433821
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 10.7 11.3 16.9#



#82
 Chrysene
 Concen: 39.783 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion:228 Resp: 1228171
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.7 16.2 24.4

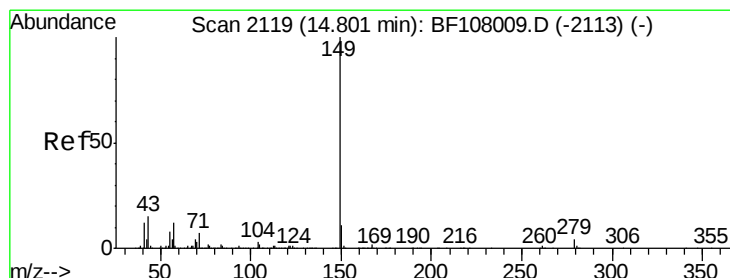
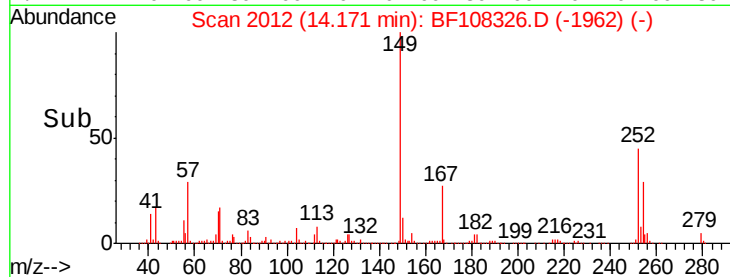
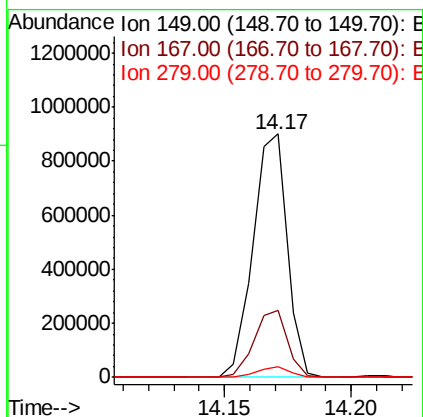
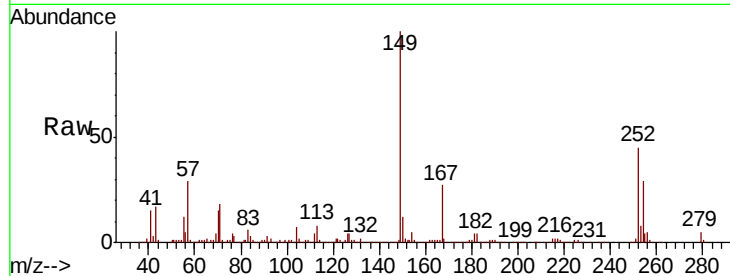




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.637 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

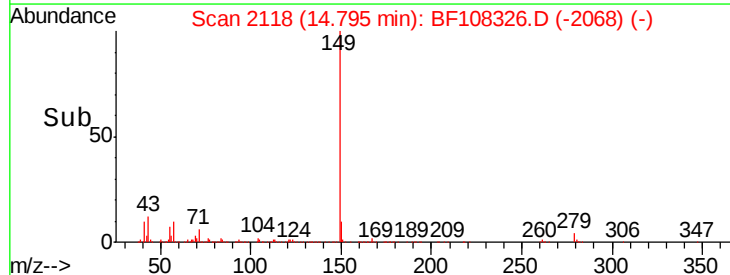
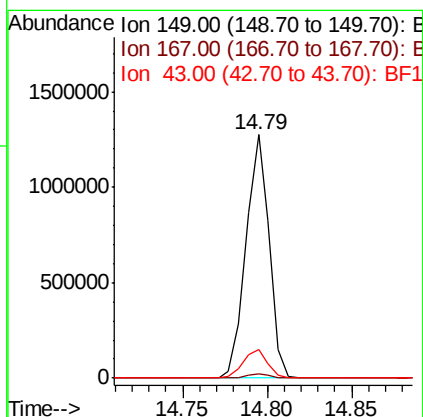
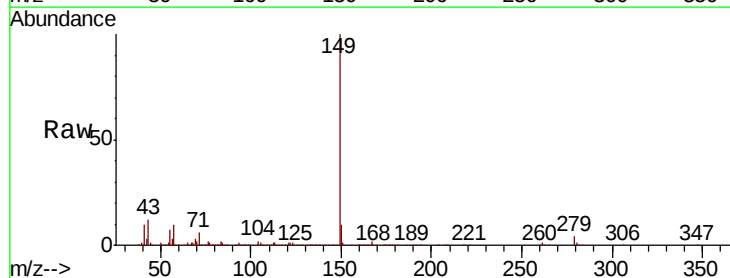
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

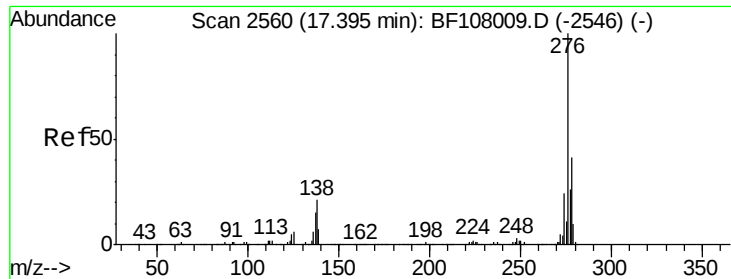
Tot Ion:149 Resp: 851680
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 4.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 40.041 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion:149 Resp: 1219821
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 8.4 12.6



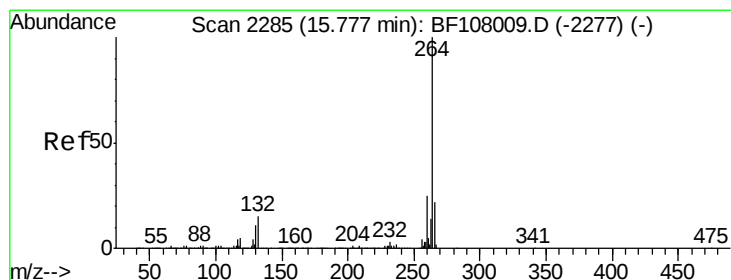
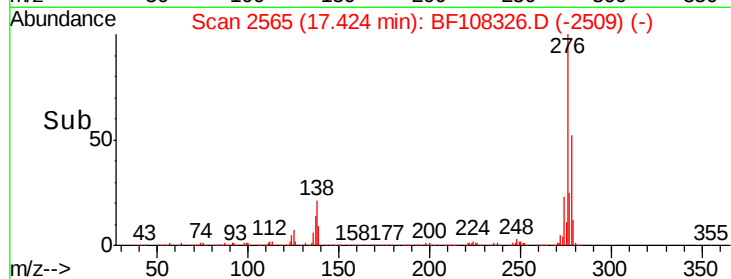
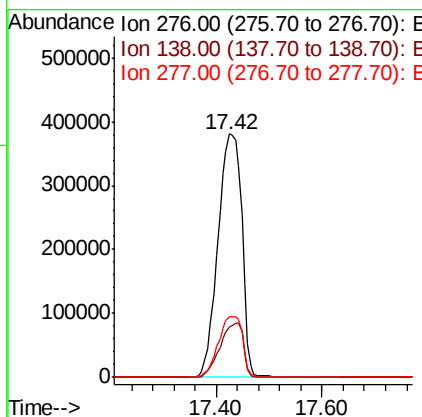
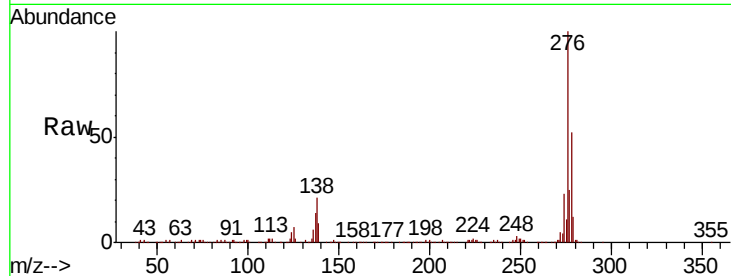


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.622 ng
 RT: 17.42 min Scan# 2565
 Delta R.T. 0.03 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1193608

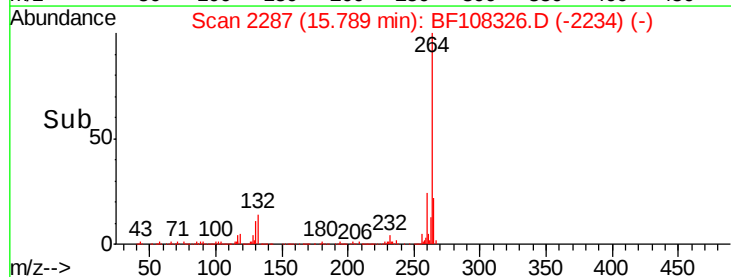
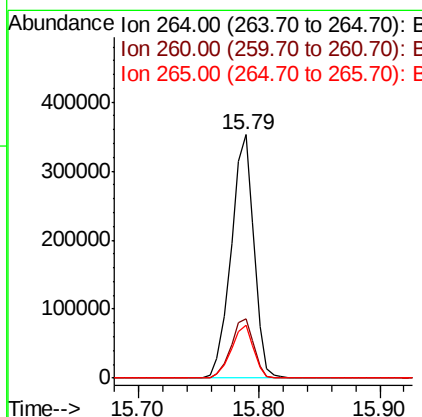
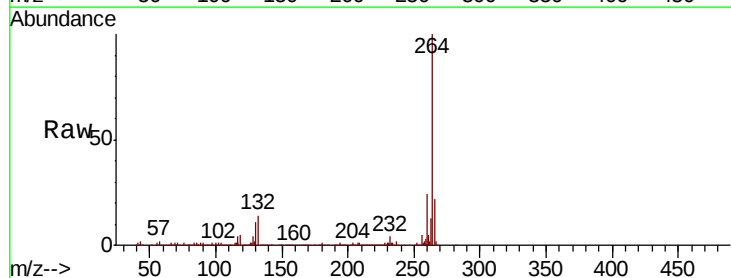
Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.4	20.1	30.1

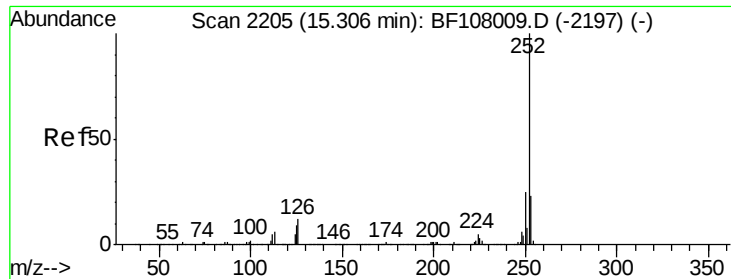


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Tgt Ion:264 Resp: 463392

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 34.879 ng

RT: 15.35 min Scan# 2212

Delta R.T. 0.04 min

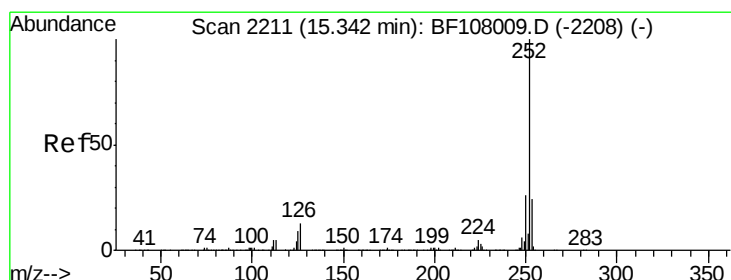
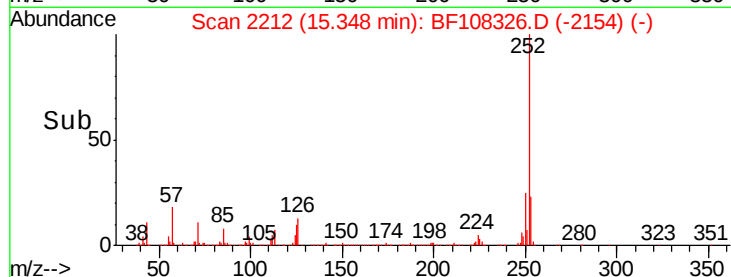
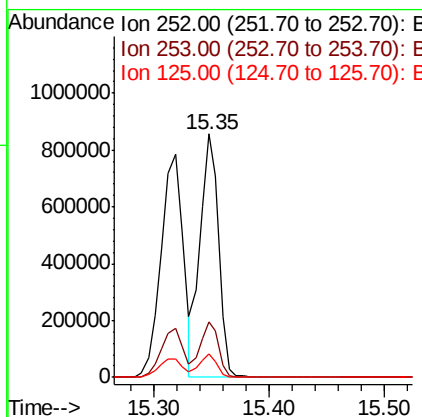
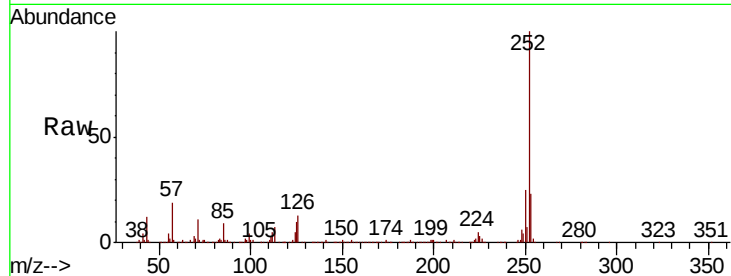
Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 965776

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 37.943 ng

RT: 15.35 min Scan# 2212

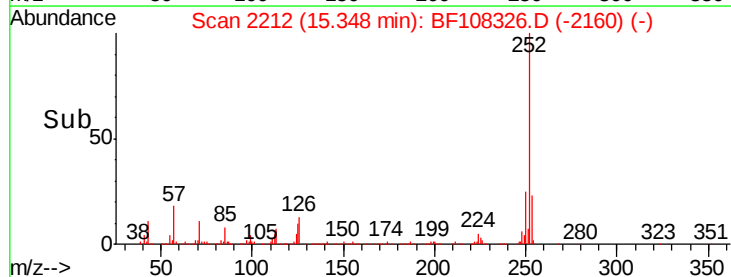
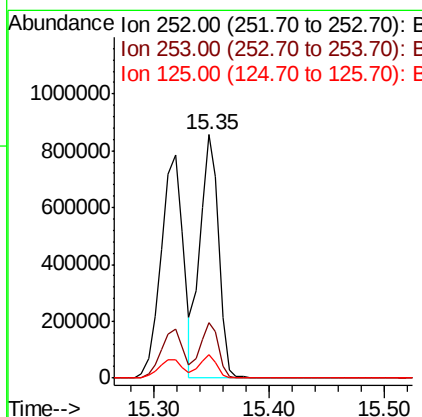
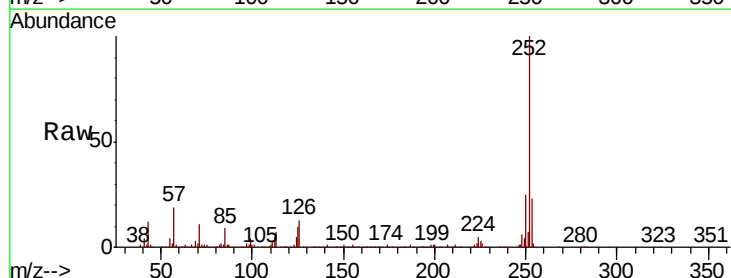
Delta R.T. 0.01 min

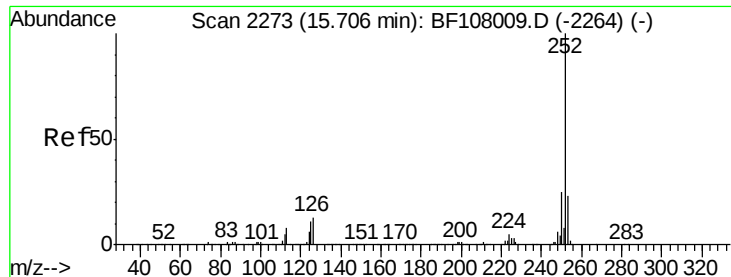
Lab File: BF108326.D

Acq: 21 Aug 2018 8:52

Tgt Ion:252 Resp: 965776

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.6	10.2	15.2#

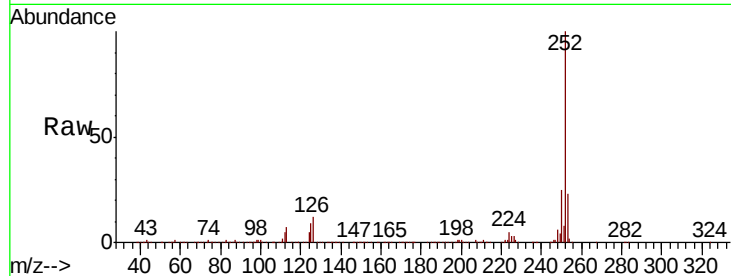




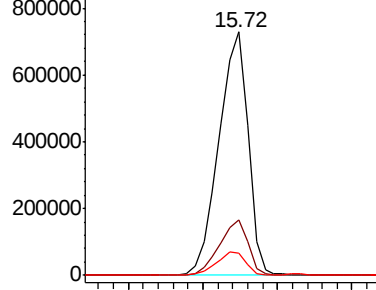
#89
Benzo(a)pyrene
Concen: 39.740 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

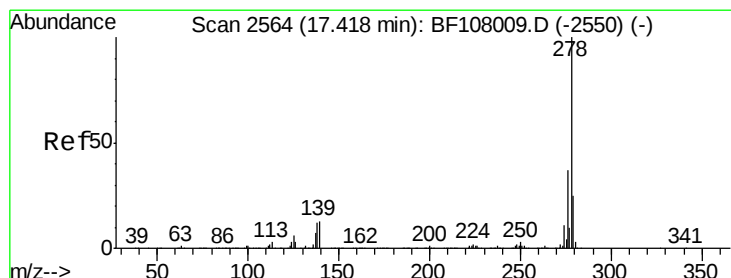
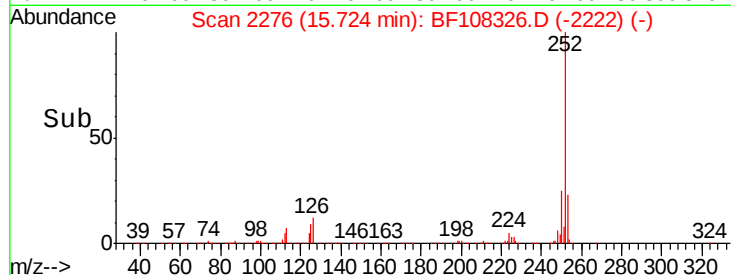
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.3	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

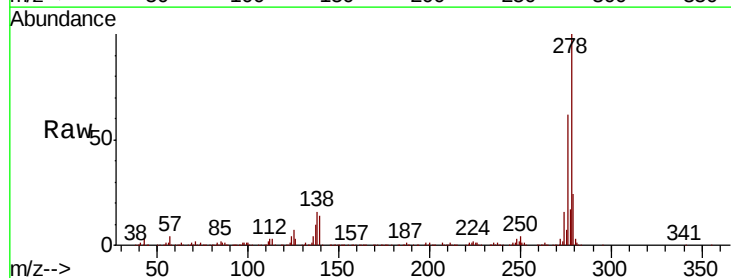


Time-->

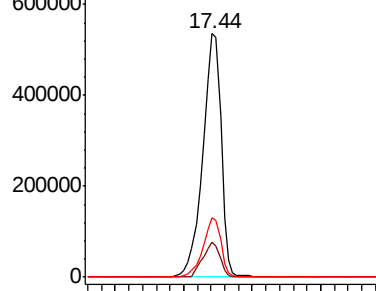


#90
Dibenzo(a,h)anthracene
Concen: 48.300 ng
RT: 17.44 min Scan# 2568
Delta R.T. 0.02 min
Lab File: BF108326.D
Acq: 21 Aug 2018 8:52

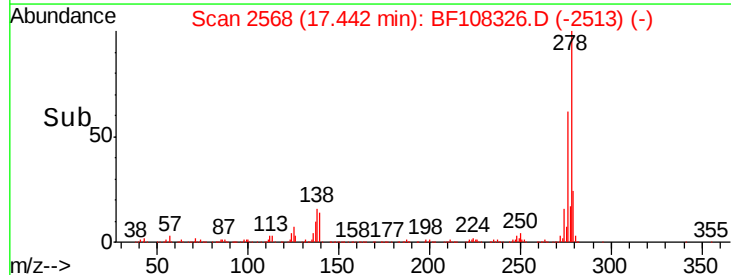
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.9	23.9
279	24.2	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 50.104 ng
 RT: 17.93 min Scan# 2651
 Delta R.T. 0.04 min
 Lab File: BF108326.D
 Acq: 21 Aug 2018 8:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1012169
 Ion Ratio Lower Upper
 276 100
 277 23.2 17.9 26.9
 138 18.1 21.8 32.8#

