

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112841.D
 Acq On : 5 Mar 2019 2:06
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 05 03:08:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	133138	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	513250	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	229345	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	436363	20.00	ng	0.01
76) Chrysene-d12	13.89	240	331411	20.00	ng	0.01
87) Perylene-d12	15.29	264	258832	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	680768	79.54	ng	0.00
7) Phenol-d6	6.38	99	830229	77.22	ng	0.01
23) Nitrobenzene-d5	7.31	82	728708	84.96	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	222711	91.47	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1274845	95.05	ng	0.00
79) Terphenyl-d14	12.84	244	1342635	78.53	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	148548	34.624	ng	99
3) Pyridine	3.10	79	401419	34.972	ng	99
4) n-Nitrosodimethylamine	3.03	42	178163	35.483	ng	100
6) Aniline	6.40	93	547098	36.968	ng	98
8) 2-Chlorophenol	6.53	128	384261	40.331	ng	93
9) Benzaldehyde	6.29	77	275038	35.503	ng	100
10) Phenol	6.39	94	484643	38.629	ng	99
11) bis(2-Chloroethyl)ether	6.48	93	354891	36.853	ng	97
12) 1,3-Dichlorobenzene	6.69	146	402299	40.875	ng	99
13) 1,4-Dichlorobenzene	6.76	146	406647	41.199	ng	98
14) 1,2-Dichlorobenzene	6.92	146	372527	41.171	ng	99
15) Benzyl Alcohol	6.89	79	316156	38.563	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	578637	36.006	ng	98
17) 2-Methylphenol	7.00	107	290124	37.536	ng	96
18) Hexachloroethane	7.26	117	122437	32.383	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	244570	35.917	ng	99
20) 3+4-Methylphenols	7.16	107	343800	39.398	ng	# 86
22) Acetophenone	7.16	105	505144	42.091	ng	# 96
24) Nitrobenzene	7.33	77	383563	40.178	ng	97
25) Isophorone	7.57	82	683633	36.996	ng	99
26) 2-Nitrophenol	7.65	139	171565	43.171	ng	99
27) 2,4-Dimethylphenol	7.69	122	282534	38.215	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	442406	38.293	ng	99
29) 2,4-Dichlorophenol	7.89	162	298105	41.579	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	321529	41.737	ng	97
31) Naphthalene	8.05	128	1013668	39.780	ng	100
32) Benzoic acid	7.79	122	168587	32.534	ng	92
33) 4-Chloroaniline	8.10	127	439190	40.693	ng	99
34) Hexachlorobutadiene	8.17	225	197064	45.358	ng	98
35) Caprolactam	8.46	113	94728	37.513	ng	96
36) 4-Chloro-3-methylphenol	8.58	107	306859	38.674	ng	95
37) 2-Methylnaphthalene	8.74	142	655854	39.856	ng	99
38) 1-Methylnaphthalene	8.84	142	624112	39.153	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	309841	46.328	ng	97

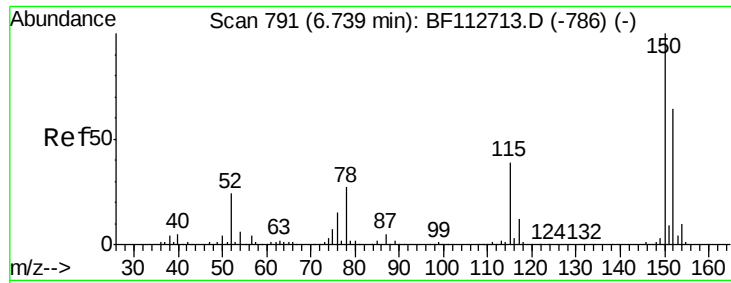
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112841.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	21091	5.759	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	198863	43.205	ng	97
44) 2,4,5-Trichlorophenol	9.06	196	213444	42.902	ng	99
46) 1,1'-Biphenyl	9.20	154	809071	43.250	ng	97
47) 2-Chloronaphthalene	9.23	162	606657	41.532	ng	98
48) 2-Nitroaniline	9.32	65	203675	45.875	ng	99
49) Acenaphthylene	9.64	152	1000141	40.333	ng	99
50) Dimethylphthalate	9.50	163	719728	42.560	ng	99
51) 2,6-Dinitrotoluene	9.56	165	149767	42.529	ng	90
52) Acenaphthene	9.81	154	552792	38.120	ng	99
53) 3-Nitroaniline	9.73	138	192884	44.951	ng	100
54) 2,4-Dinitrophenol	9.83	184	8520	11.891	ng	# 85
55) Dibenzofuran	9.98	168	849049	40.285	ng	97
56) 4-Nitrophenol	9.89	139	134842	38.666	ng	90
57) 2,4-Dinitrotoluene	9.96	165	186264	42.552	ng	# 83
58) Fluorene	10.32	166	610415	40.806	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	174609	42.125	ng	96
60) Diethylphthalate	10.20	149	712431	39.889	ng	100
61) 4-Chlorophenyl-phenylether	10.32	204	307313	44.155	ng	96
62) 4-Nitroaniline	10.33	138	180462	45.512	ng	96
63) Azobenzene	10.47	77	658461	35.994	ng	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	17180	13.274	ng	85
66) n-Nitrosodiphenylamine	10.43	169	569268	40.678	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	200514	43.626	ng	95
68) Hexachlorobenzene	10.87	284	226664	43.748	ng	94
69) Atrazine	10.96	200	174221	40.648	ng	95
70) Pentachlorophenol	11.06	266	126817	41.587	ng	98
71) Phenanthrene	11.28	178	918478	42.305	ng	99
72) Anthracene	11.33	178	919362	40.453	ng	99
73) Carbazole	11.49	167	893295	40.293	ng	99
74) Di-n-butylphthalate	11.82	149	1098224	41.313	ng	100
75) Fluoranthene	12.46	202	1007334	43.307	ng	97
77) Benzidine	12.58	184	625671	36.389	ng	99
78) Pyrene	12.69	202	1031860	36.933	ng	98
80) Butylbenzylphthalate	13.31	149	470992	38.192	ng	96
81) Benzo(a)anthracene	13.87	228	835479	36.374	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	369035	42.481	ng	98
83) Chrysene	13.91	228	847546	37.671	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	583599	40.345	ng	99
85) Di-n-octyl phthalate	14.48	149	1062718	42.785	ng	97
86) Indeno(1,2,3-cd)pyrene	16.66	276	623996	32.532	ng	95
88) Benzo(b)fluoranthene	14.89	252	740522	44.231	ng	98
89) Benzo(k)fluoranthene	14.92	252	597221	39.382	ng	98
90) Benzo(a)pyrene	15.24	252	593712	40.093	ng	# 97
91) Dibenzo(a,h)anthracene	16.67	278	521049	41.234	ng	96
92) Benzo(g,h,i)perylene	17.07	276	502230	39.581	ng	95

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

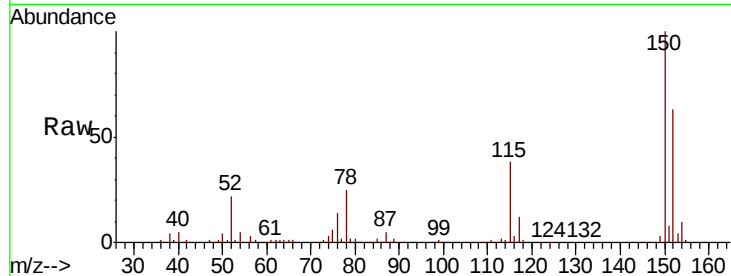


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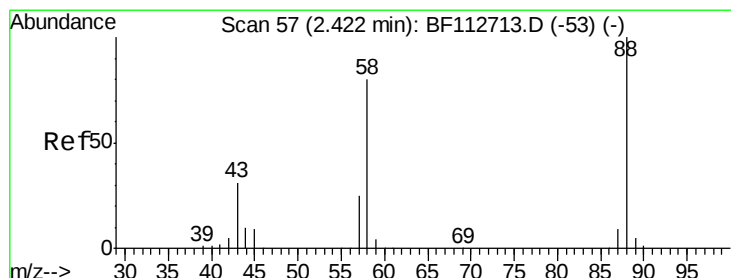
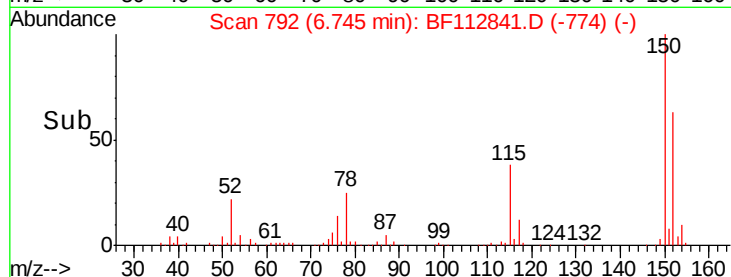
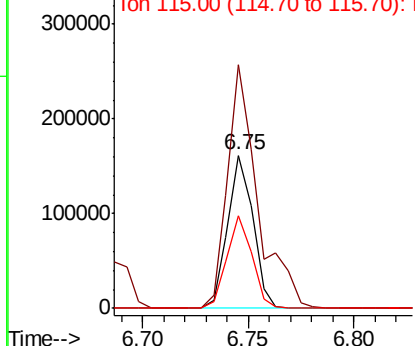
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 133138
Ion Ratio Lower Upper
152 100
150 159.2 124.2 186.2
115 60.4 48.2 72.4



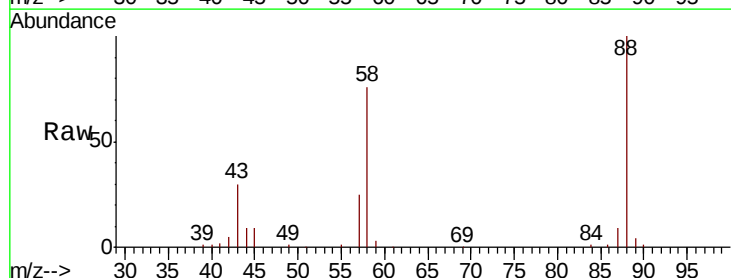
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



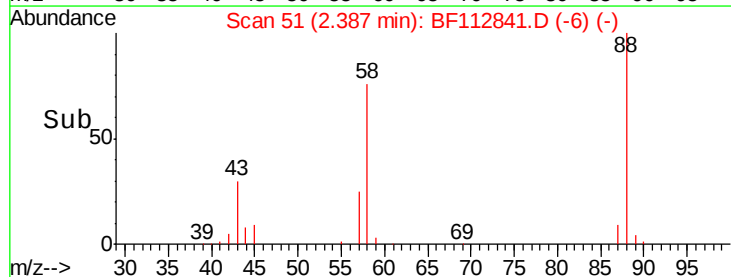
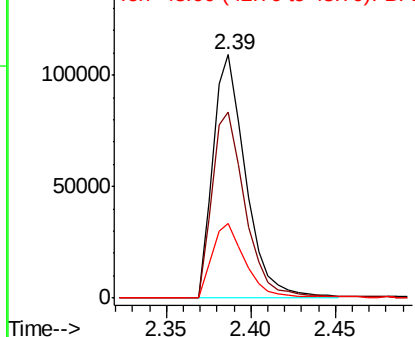
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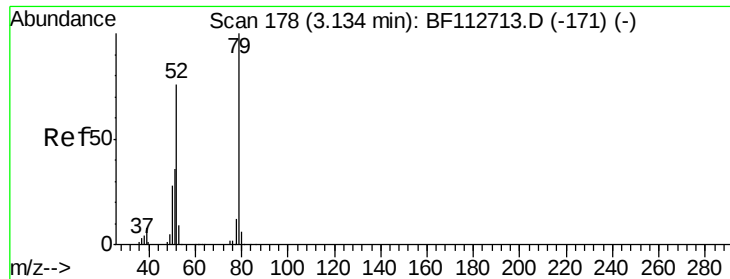
1,4-Dioxane
Concen: 34.624 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.04 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion: 88 Resp: 148548
Ion Ratio Lower Upper
88 100
58 78.3 63.1 94.7
43 31.3 24.3 36.5



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: 34.972 ng

RT: 3.10 min Scan# 173

Delta R.T. -0.03 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

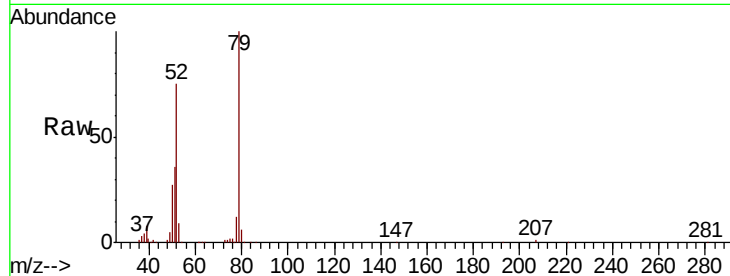
Tot Ion: 79 Resp: 401419

Ion Ratio Lower Upper

79 100

52 74.9 60.5 90.7

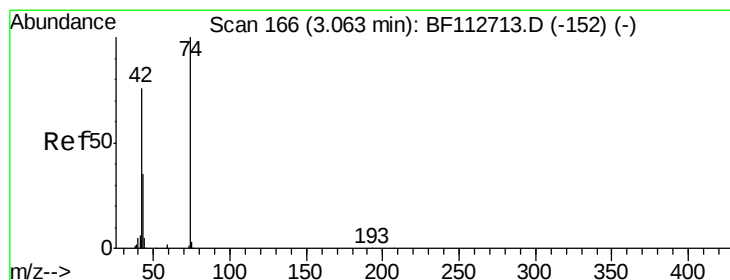
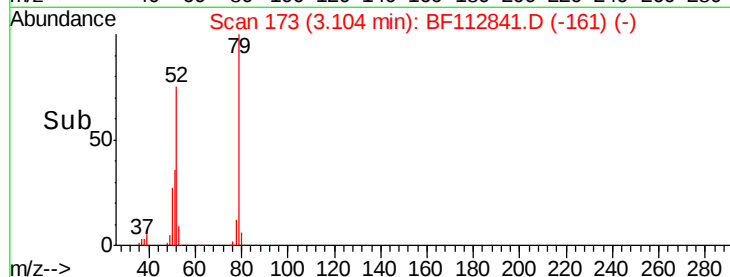
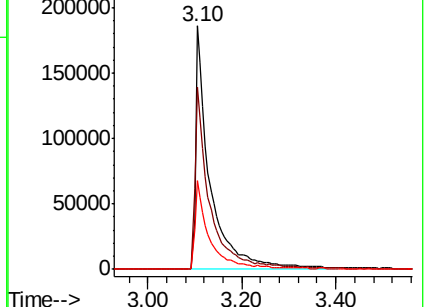
51 36.4 28.8 43.2



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: 35.483 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.04 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

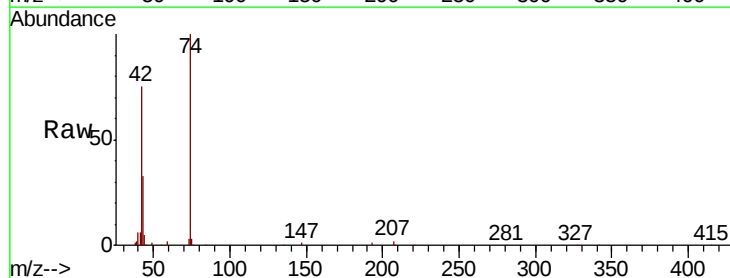
Tgt Ion: 42 Resp: 178163

Ion Ratio Lower Upper

42 100

74 132.7 105.8 158.8

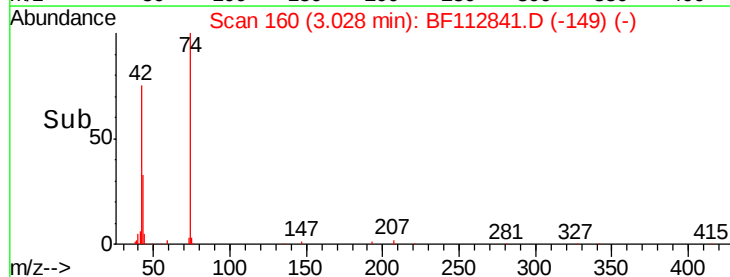
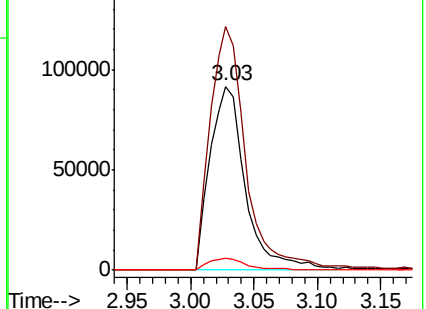
44 6.7 6.2 9.2



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: 79.539 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

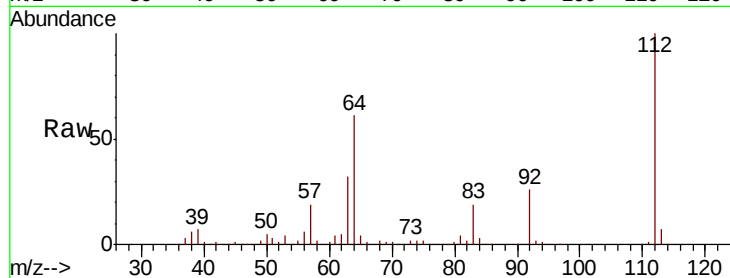
Tot Ion:112 Resp: 680768

Ion Ratio Lower Upper

112 100

64 61.4 47.6 71.4

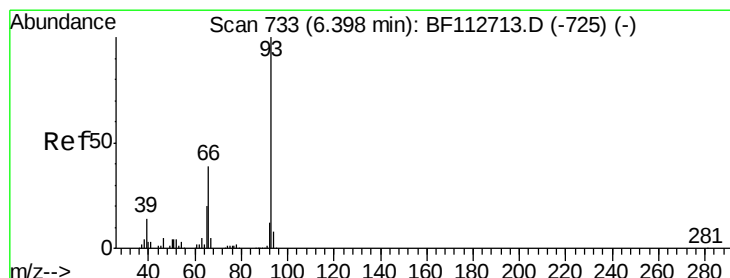
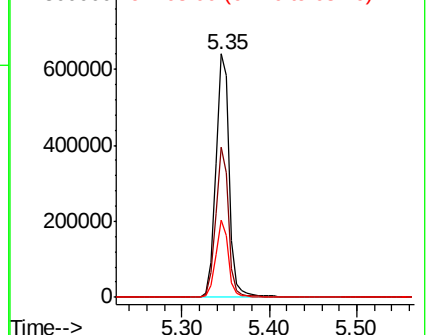
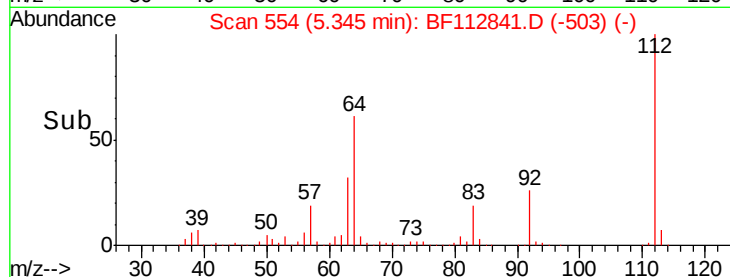
63 31.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.968 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

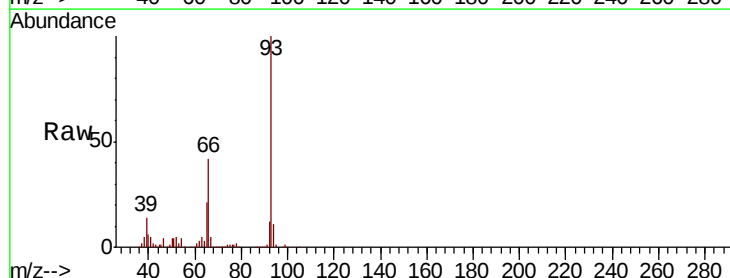
Tgt Ion: 93 Resp: 547098

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

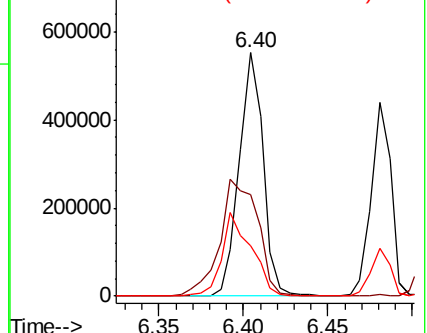
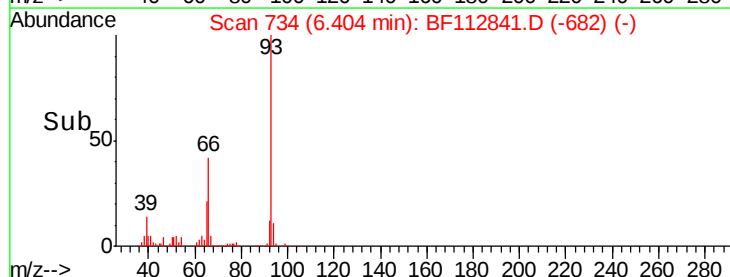
65 20.9 16.2 24.4

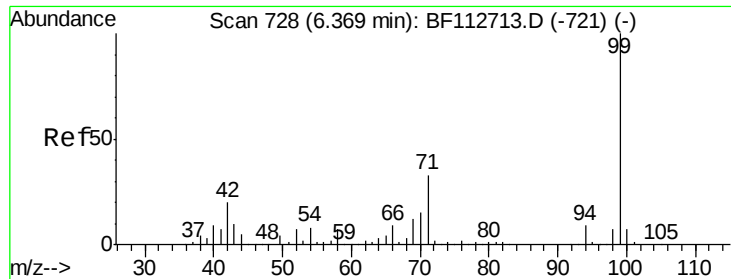


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.220 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

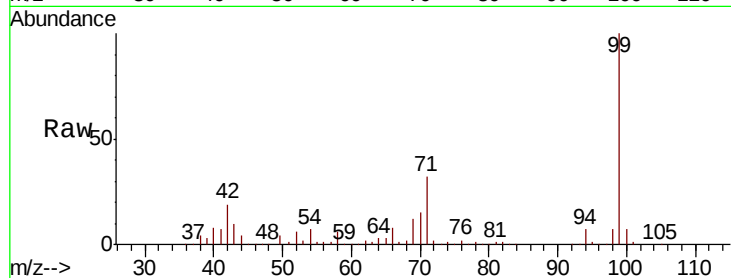
Tot Ion: 99 Resp: 830229

Ion Ratio Lower Upper

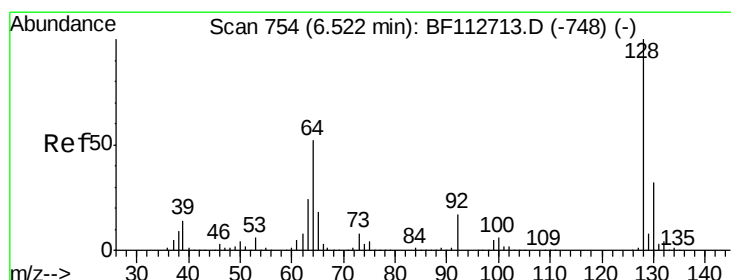
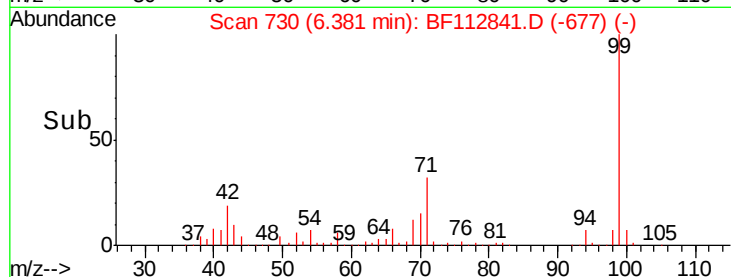
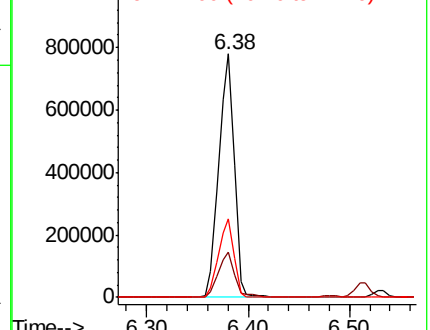
99 100

42 18.7 16.3 24.5

71 32.4 26.2 39.4



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: 40.331 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

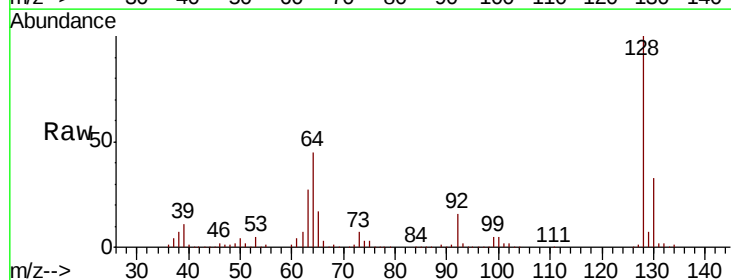
Tgt Ion: 128 Resp: 384261

Ion Ratio Lower Upper

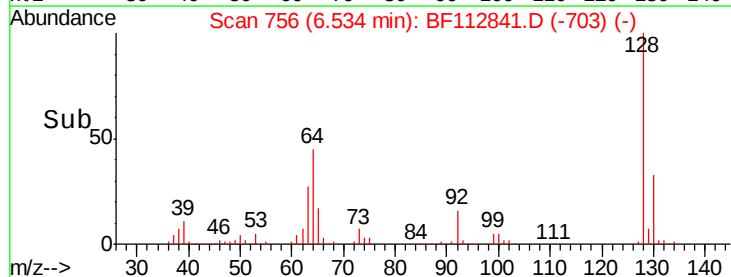
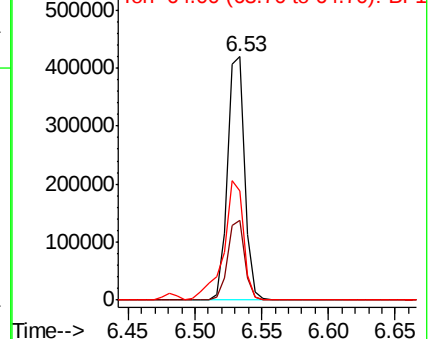
128 100

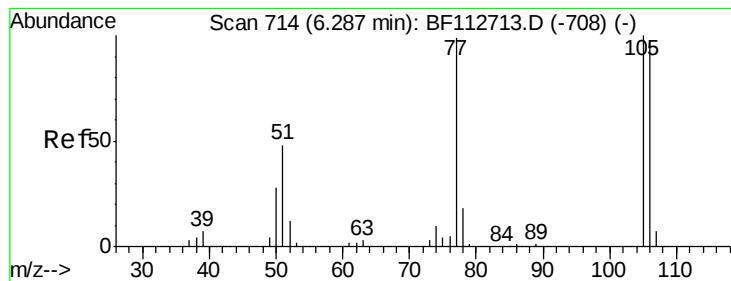
130 32.6 12.4 52.4

64 44.9 32.2 72.2



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: 35.503 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

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SSTDCCC040

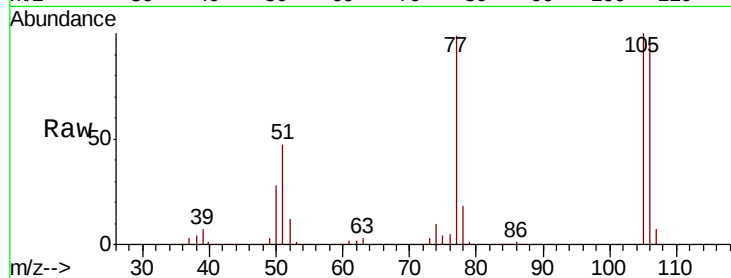
Tot Ion: 77 Resp: 275038

Ion Ratio Lower Upper

77 100

105 100.8 81.4 121.4

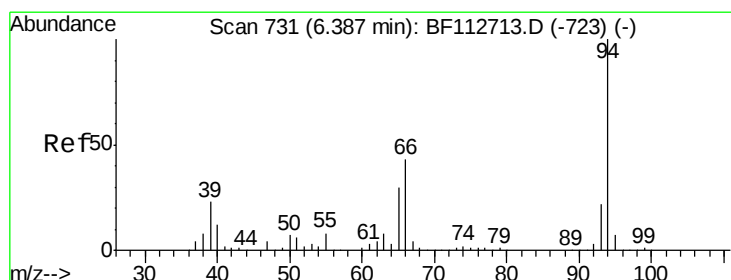
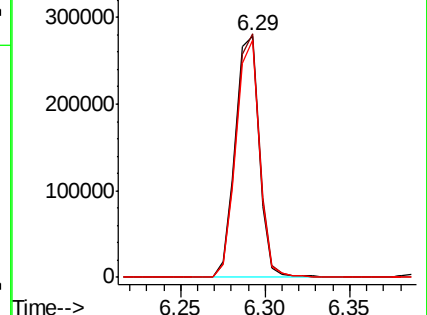
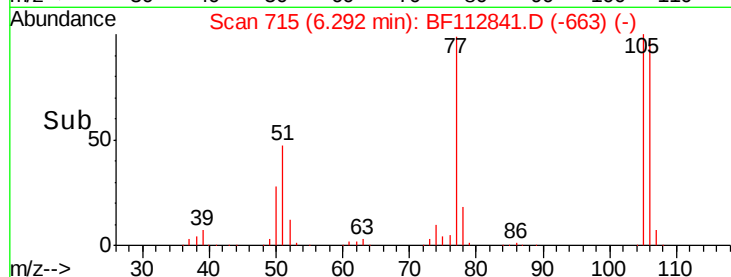
106 98.0 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.629 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

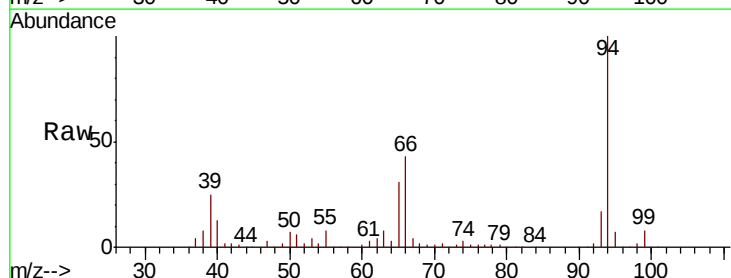
Tgt Ion: 94 Resp: 484643

Ion Ratio Lower Upper

94 100

65 31.0 10.5 50.5

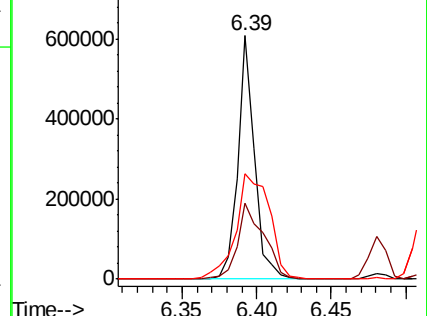
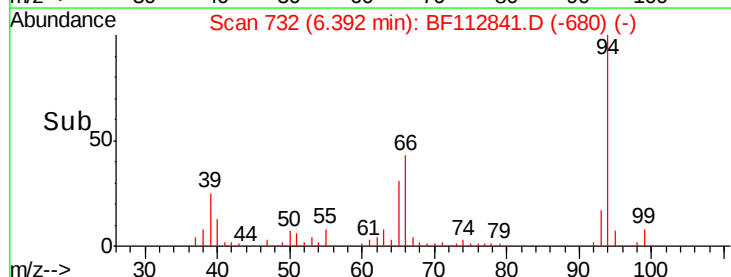
66 43.5 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

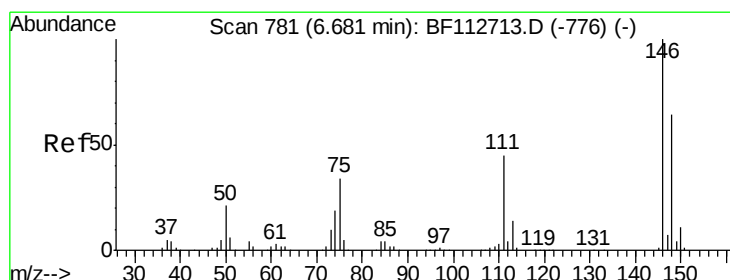
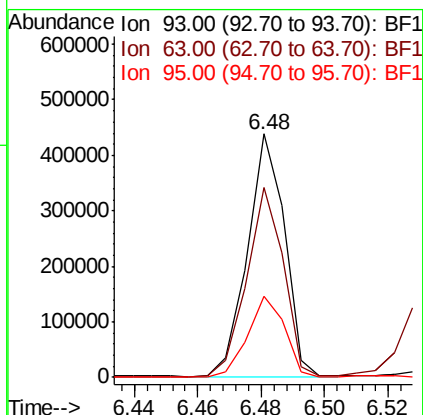
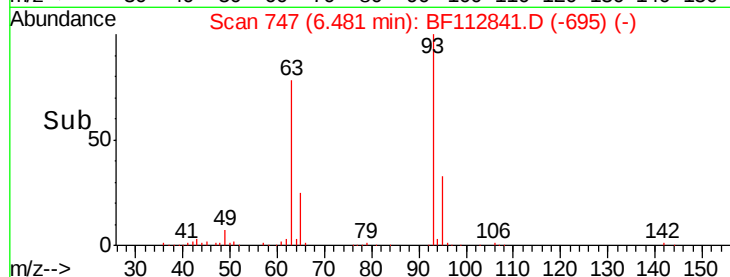
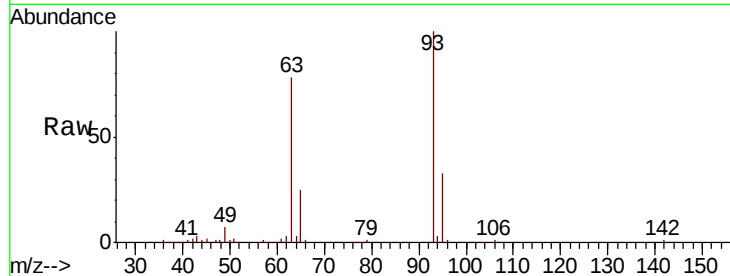




#11
bis(2-Chloroethyl)ether
Concen: 36.853 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

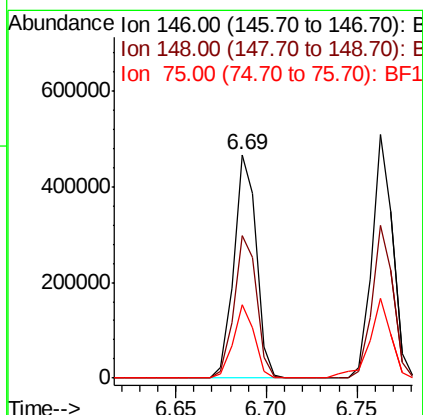
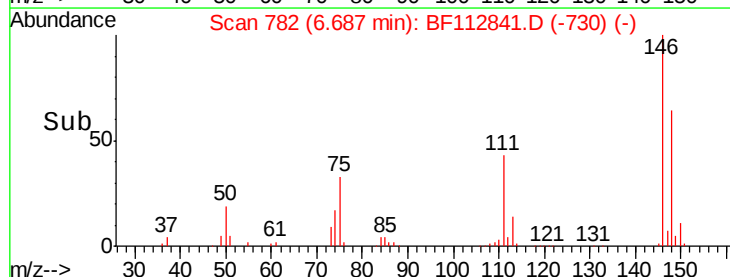
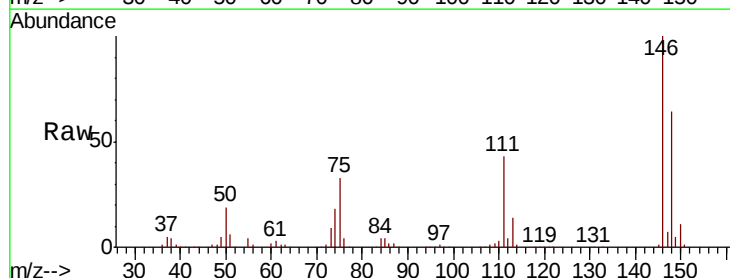
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

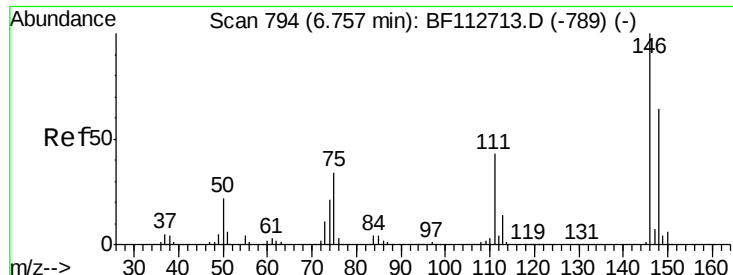
Tot Ion: 93 Resp: 354891
Ion Ratio Lower Upper
93 100
63 77.7 60.5 100.5
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.875 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion: 146 Resp: 402299
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 32.8 26.9 40.3

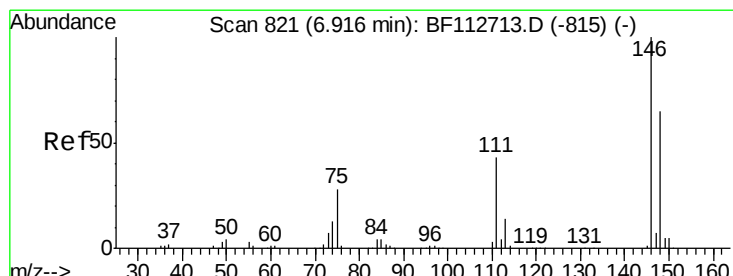
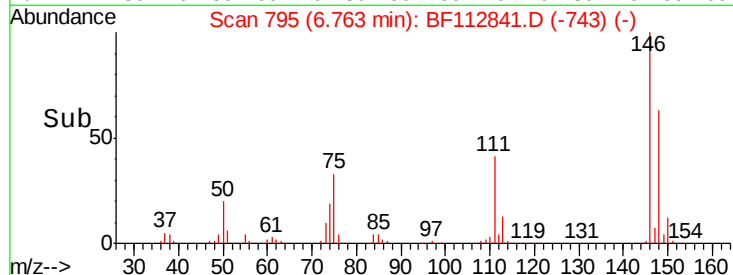
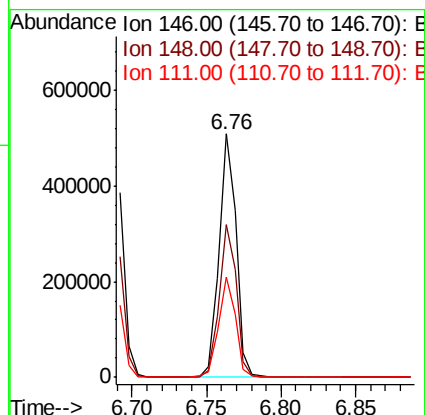
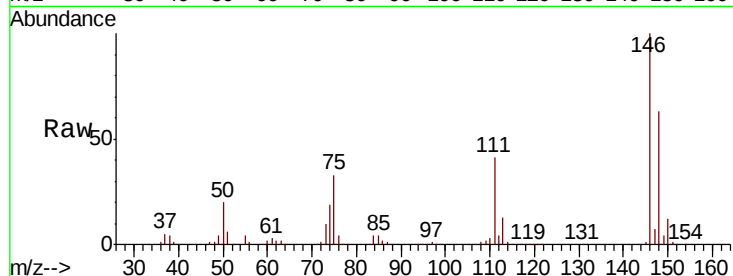




#13
 1,4-Dichlorobenzene
 Concen: 41.199 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

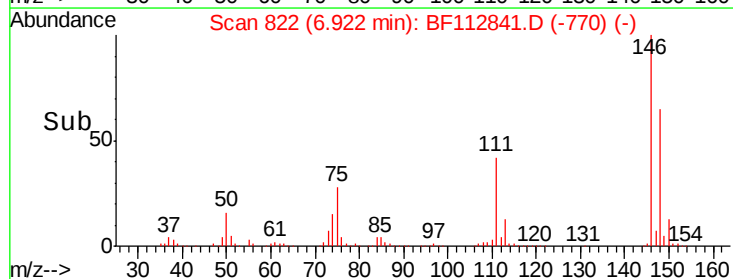
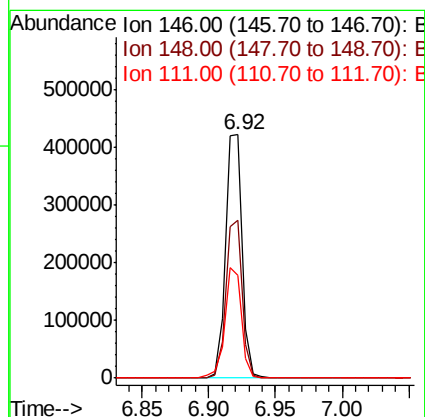
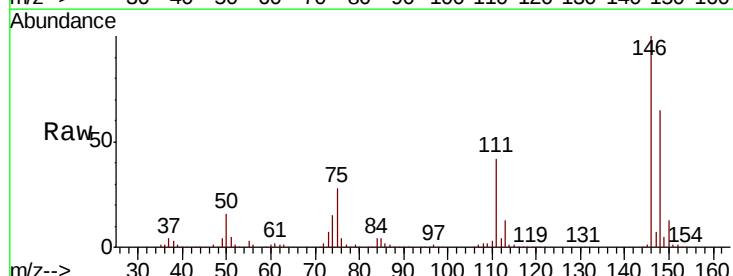
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 406647
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.4
 111 41.4 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 41.171 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion:146 Resp: 372527
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 42.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 38.563 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

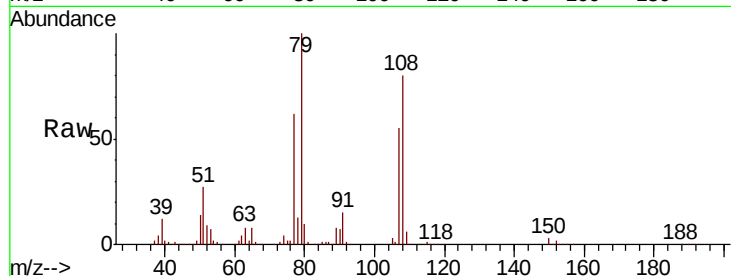
Tot Ion: 79 Resp: 316156

Ion Ratio Lower Upper

79 100

108 79.9 64.2 96.4

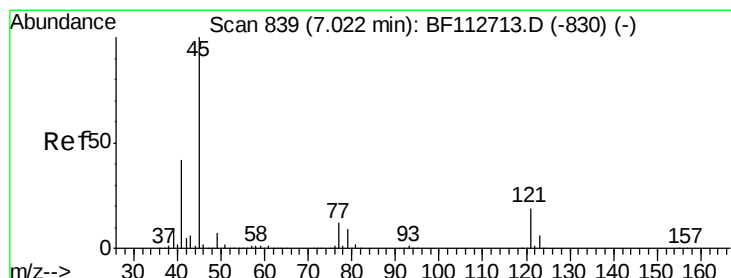
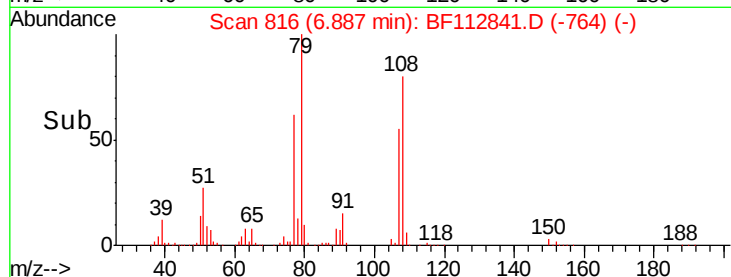
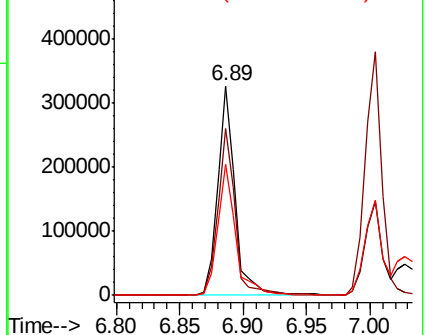
77 62.5 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.006 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

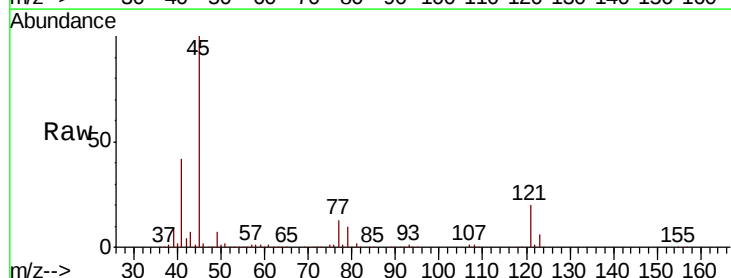
Tgt Ion: 45 Resp: 578637

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.1

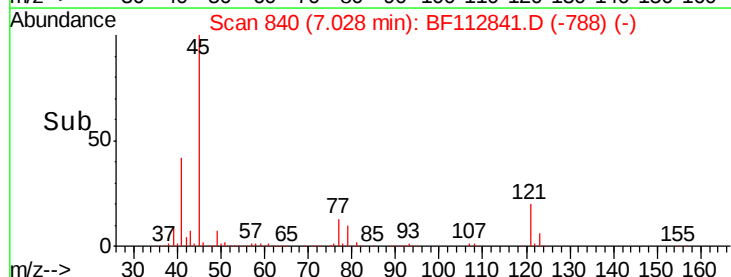
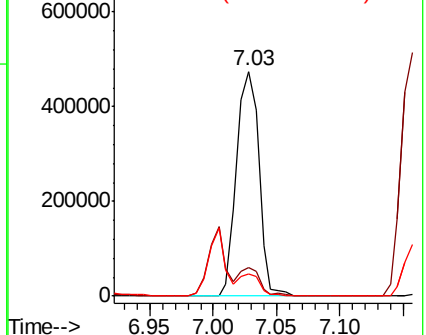
79 10.1 0.0 29.4

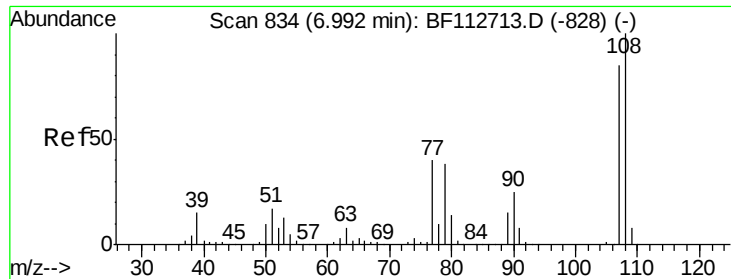


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

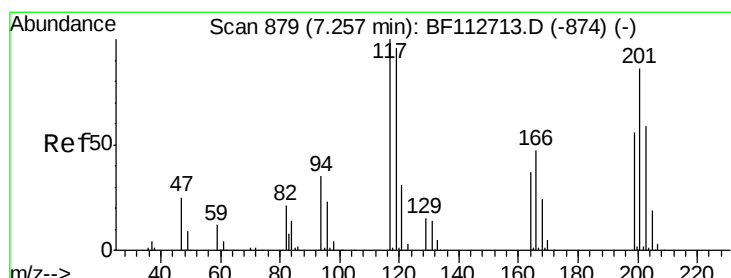
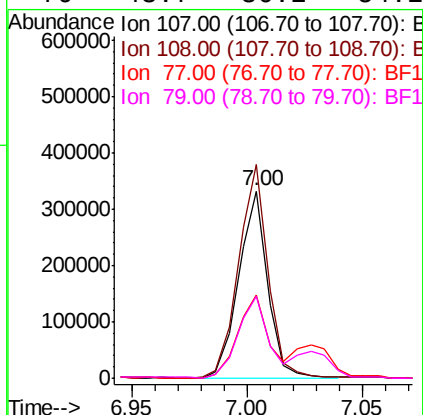
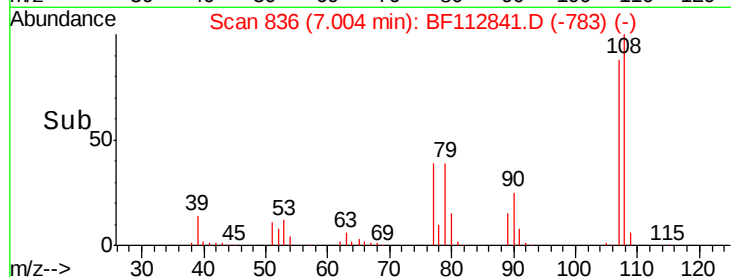
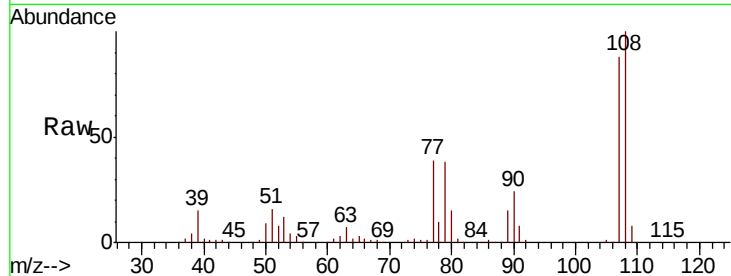




#17
2-Methylphenol
Concen: 37.536 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

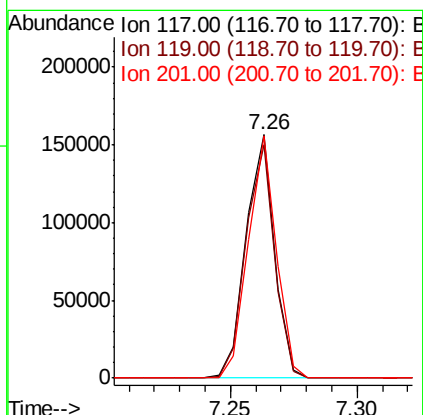
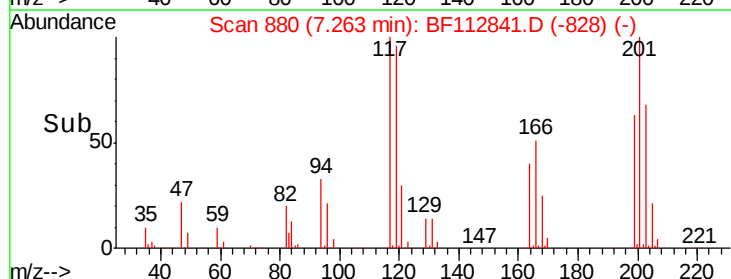
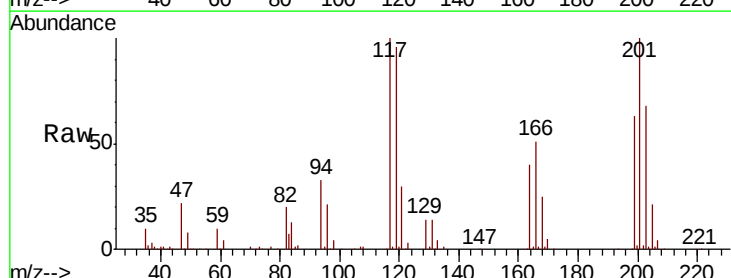
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

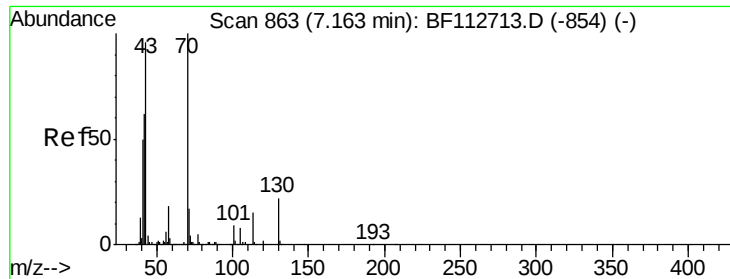
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	94.6	142.0
77	44.4	37.8	56.8
79	43.7	36.2	54.2



#18
Hexachloroethane
Concen: 32.383 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	115.0
201	99.6	68.9	103.3

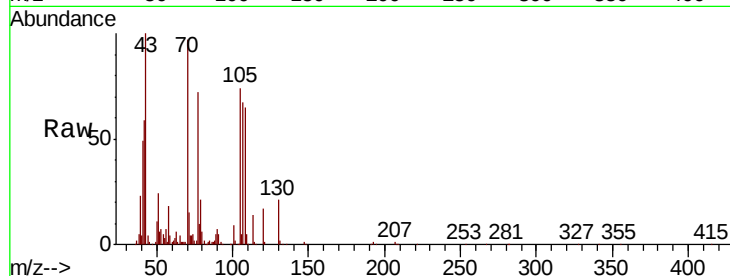




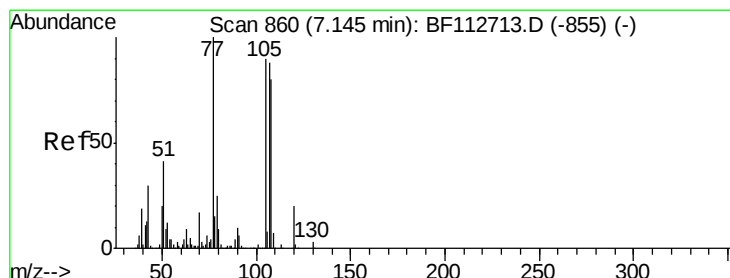
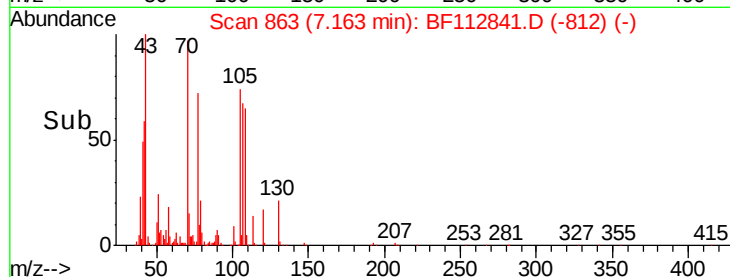
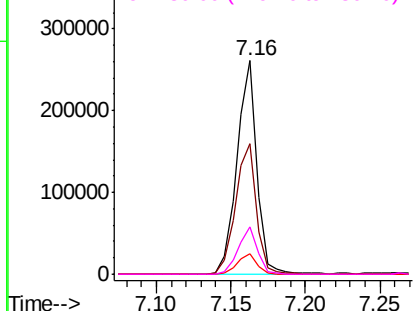
#19
n-Nitroso-di-n-propylamine
Concen: 35.917 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 244570
Ion Ratio Lower Upper
70 100
42 61.4 49.9 74.9
101 9.5 7.4 11.2
130 22.2 17.4 26.2

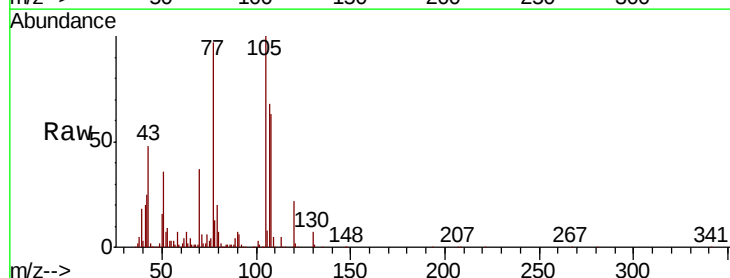


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

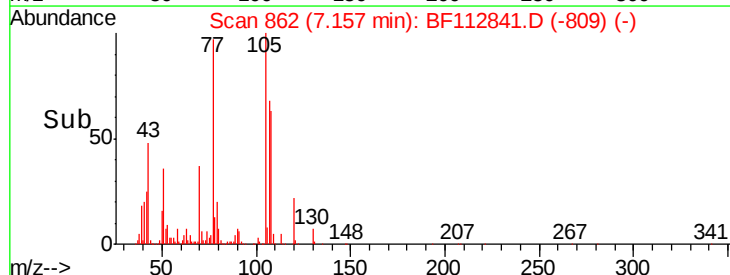
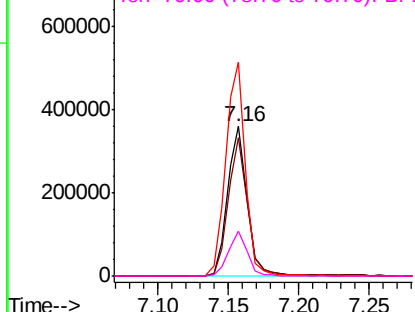


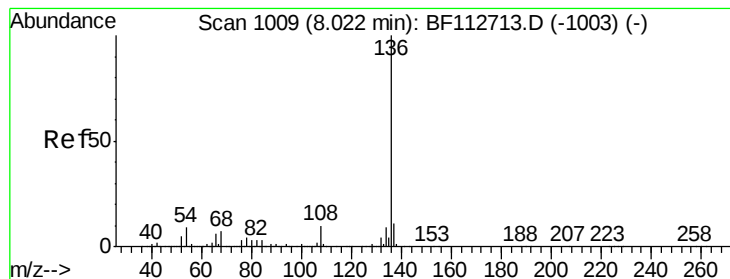
#20
3+4-Methylphenols
Concen: 39.398 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion: 107 Resp: 343800
Ion Ratio Lower Upper
107 100
108 92.3 71.4 111.4
77 142.9 94.1 134.1#
79 30.2 8.6 48.6



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: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 513250

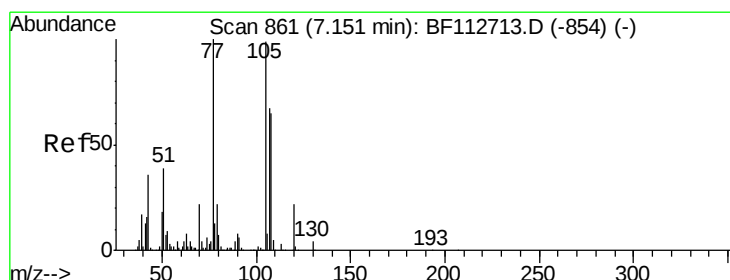
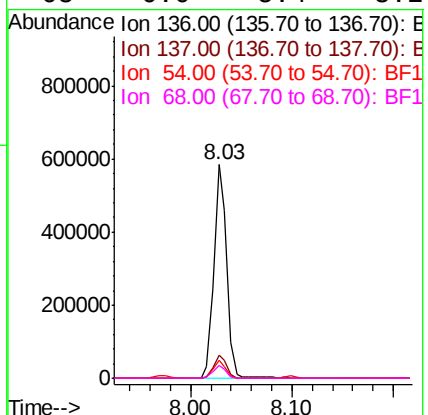
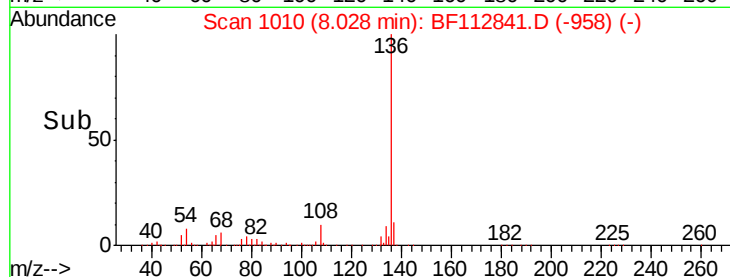
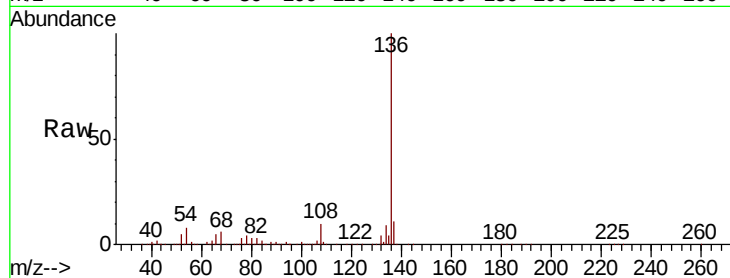
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.4 7.3 10.9

68 6.0 5.4 8.2



#22

Acetophenone

Concen: 42.091 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Tgt Ion:105 Resp: 505144

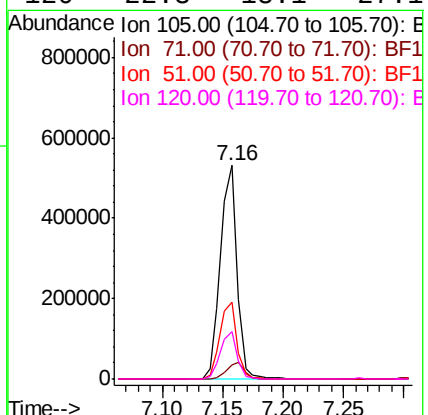
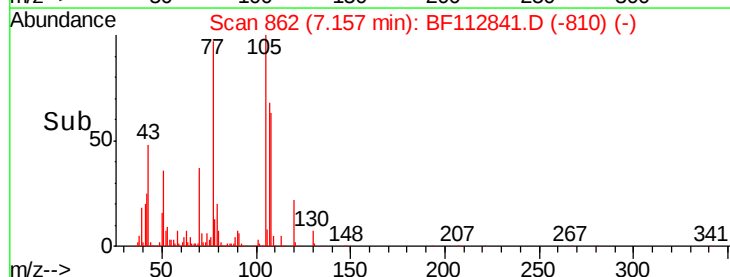
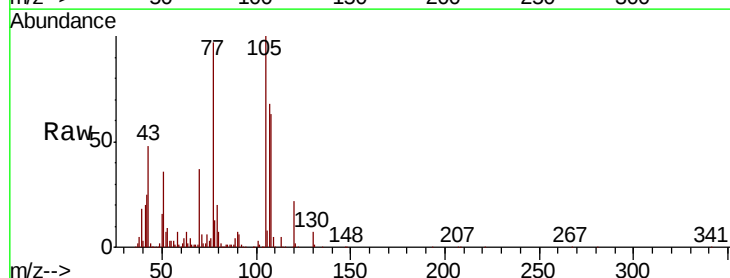
Ion Ratio Lower Upper

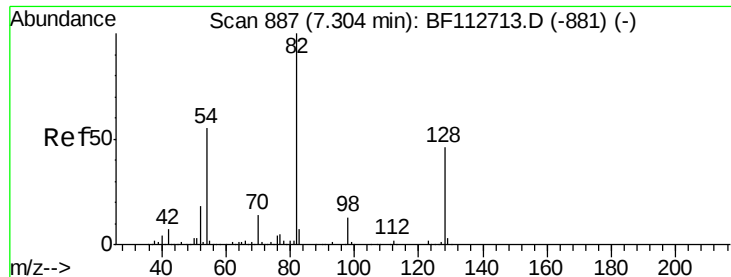
105 100

71 6.4 3.0 4.4#

51 35.8 31.5 47.3

120 22.3 18.1 27.1

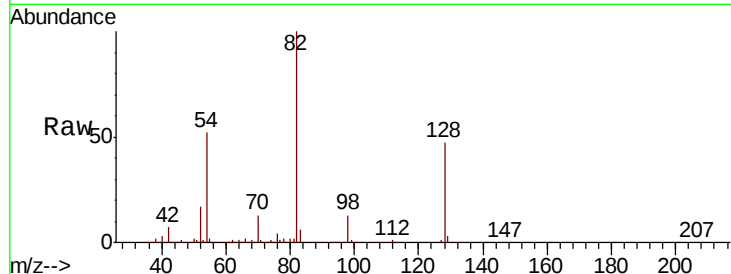




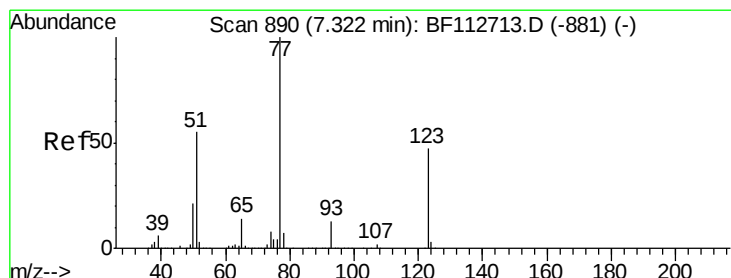
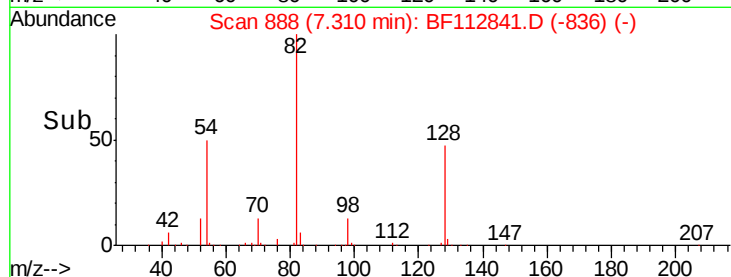
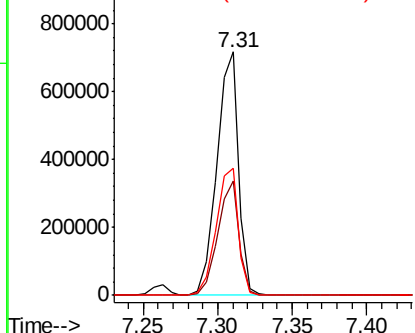
#23
 Nitrobenzene-d5
 Concen: 84.957 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	728708
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.3	54.5
54	52.4	43.7	65.5

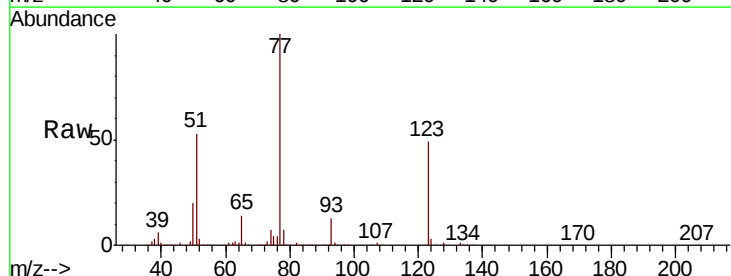


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

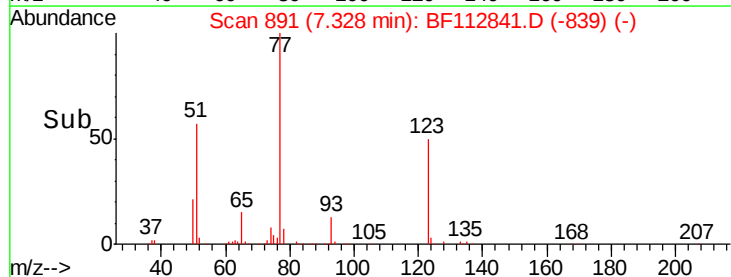
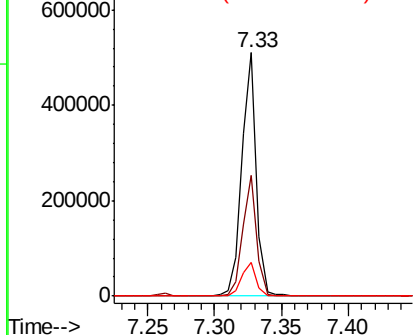


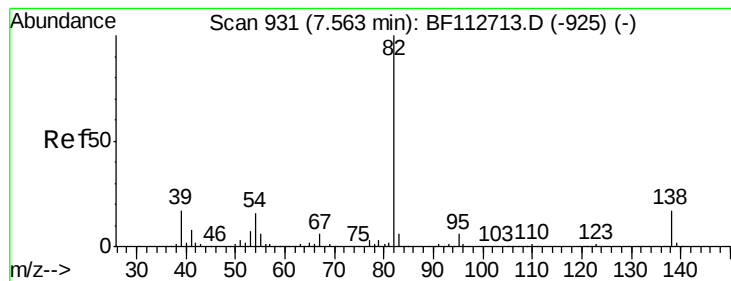
#24
 Nitrobenzene
 Concen: 40.178 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion	77	Resp	383563
Ion Ratio	Lower	Upper	
77	100		
123	49.5	37.8	56.6
65	13.9	11.1	16.7



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: 36.996 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

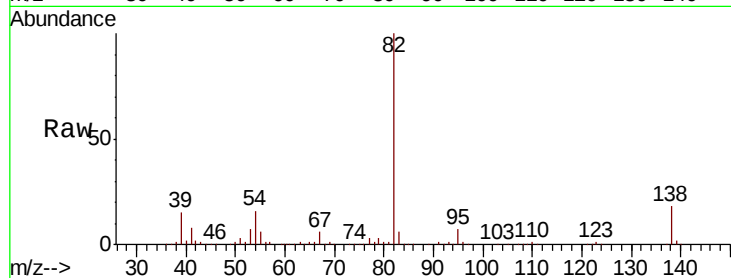
Tot Ion: 82 Resp: 683633

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

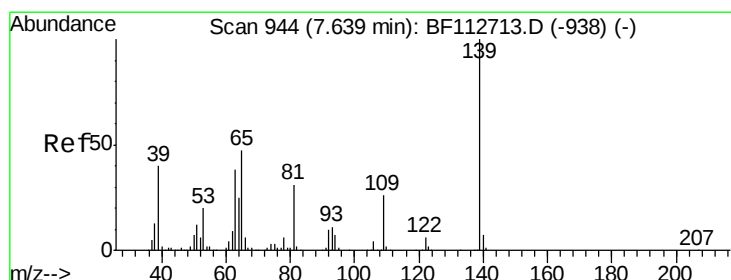
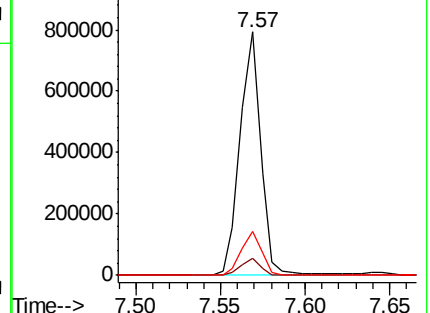
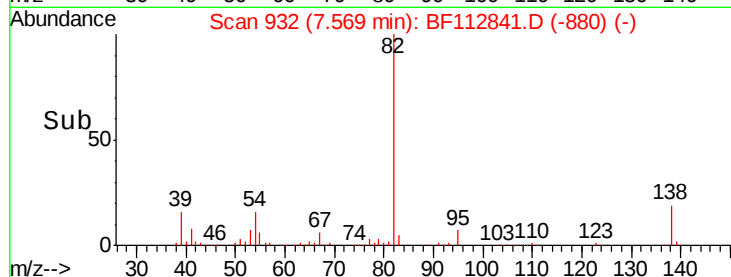
138 18.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.171 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

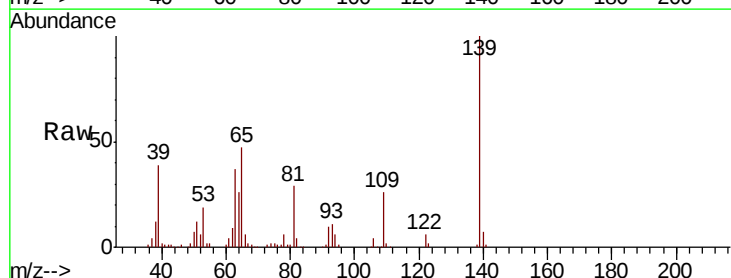
Tgt Ion: 139 Resp: 171565

Ion Ratio Lower Upper

139 100

109 25.7 20.6 31.0

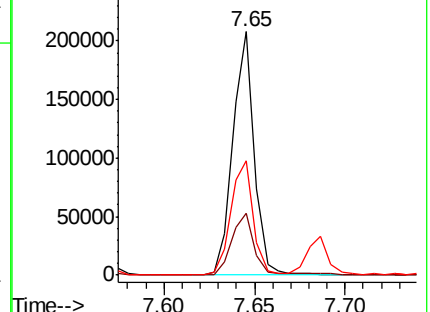
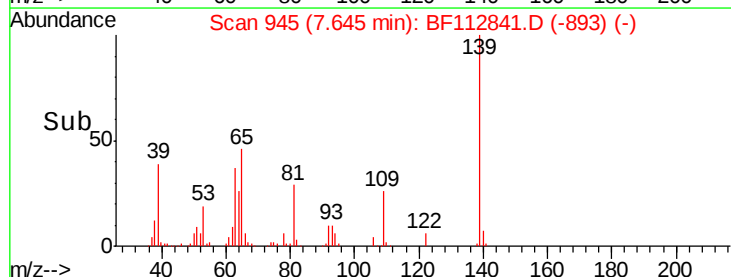
65 47.0 37.9 56.9

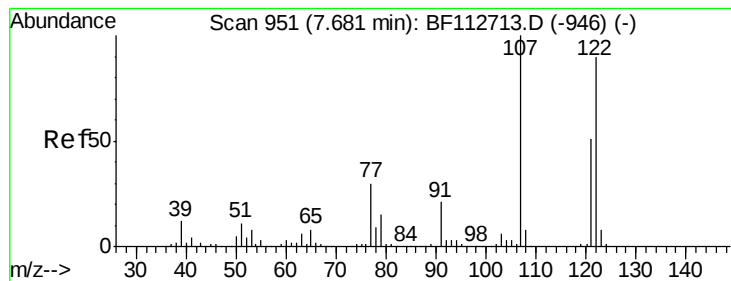


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.215 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

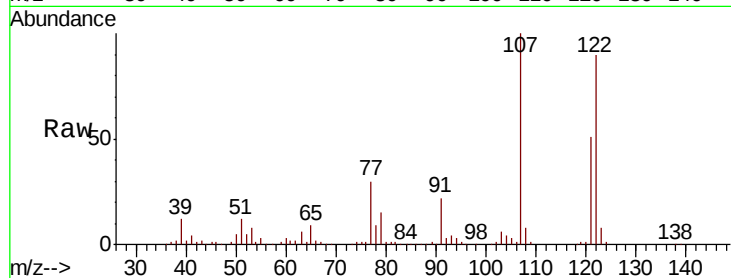
Tot Ion:122 Resp: 282534

Ion Ratio Lower Upper

122 100

107 111.4 89.4 134.0

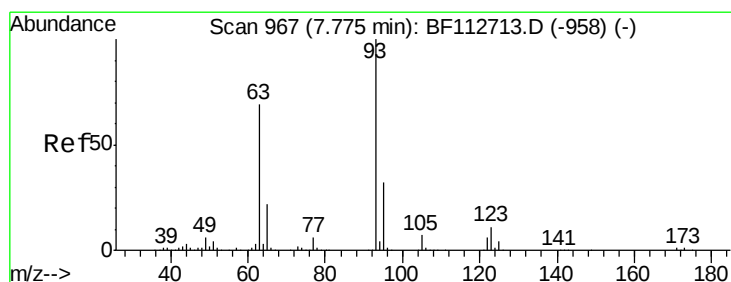
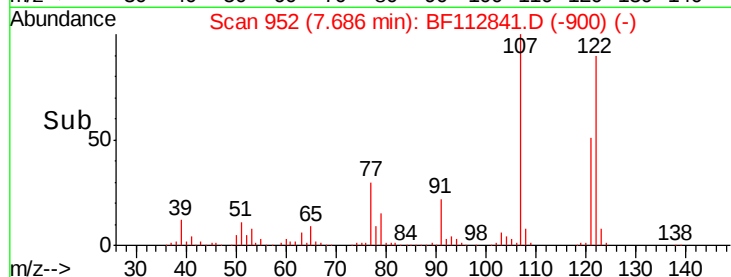
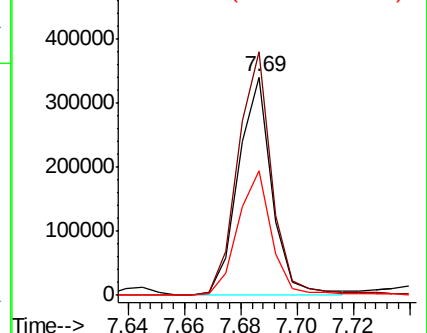
121 57.0 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.293 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

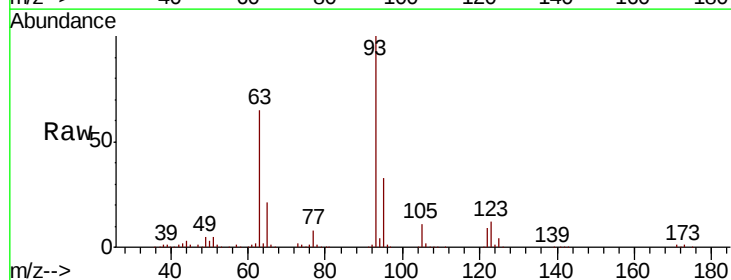
Tgt Ion: 93 Resp: 442406

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

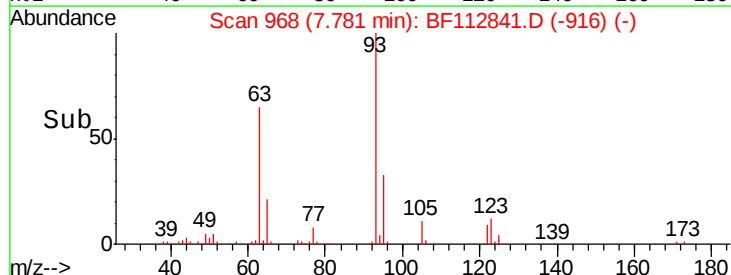
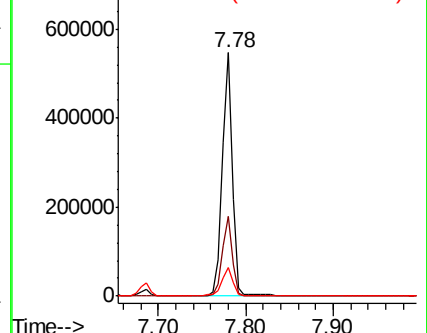
123 12.0 9.3 13.9

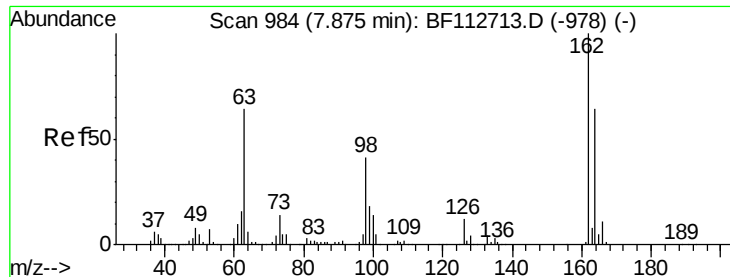


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

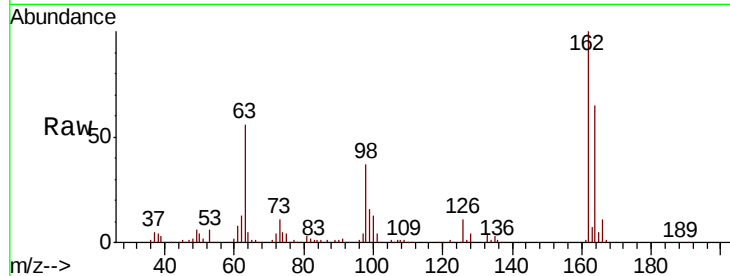




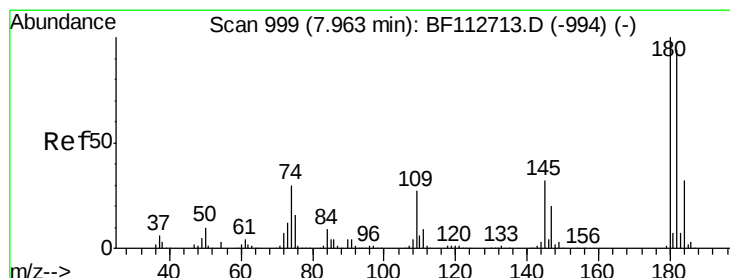
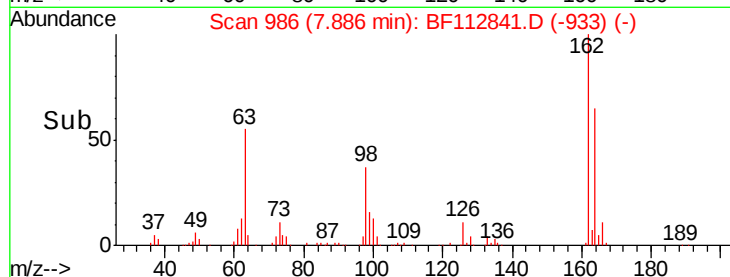
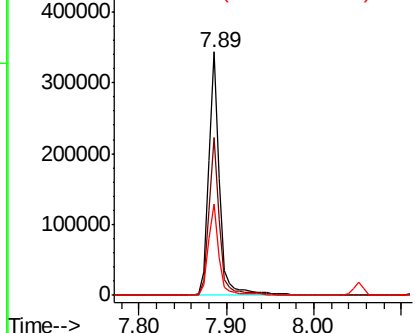
#29
2,4-Dichlorophenol
Concen: 41.579 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.0	84.0
98	37.4	20.7	60.7

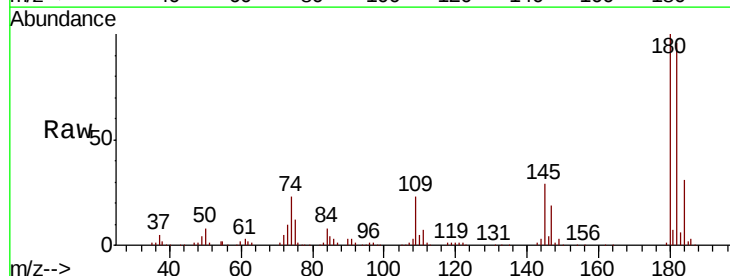


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

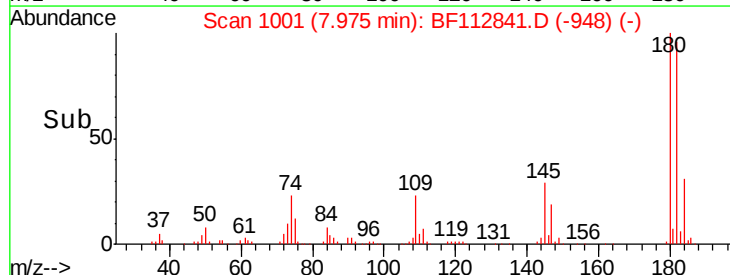
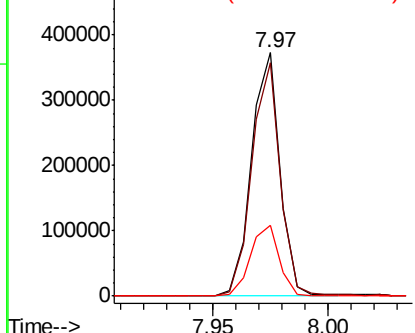


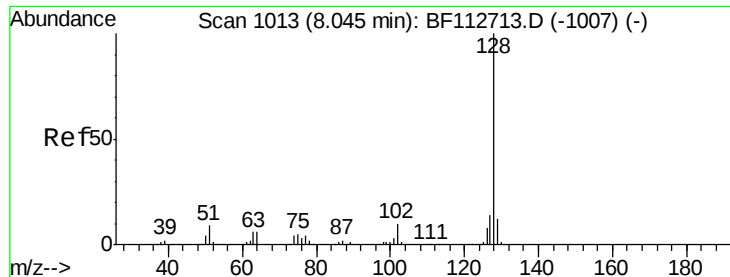
#30
1,2,4-Trichlorobenzene
Concen: 41.737 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.2	112.8
145	29.3	25.4	38.0



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

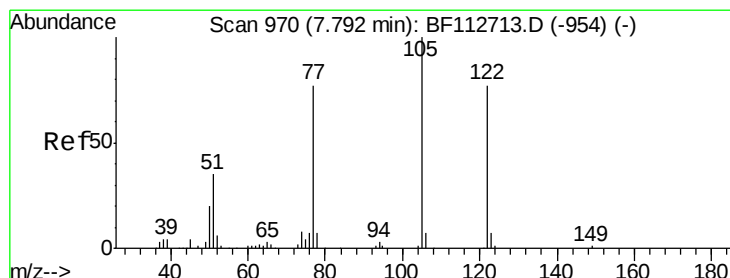
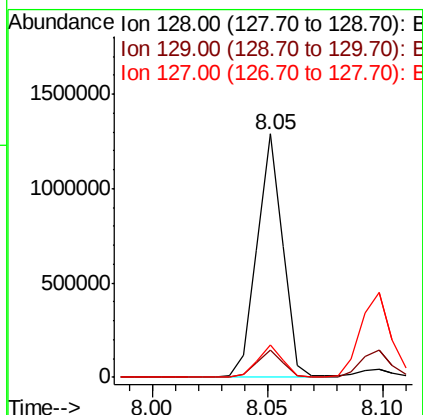
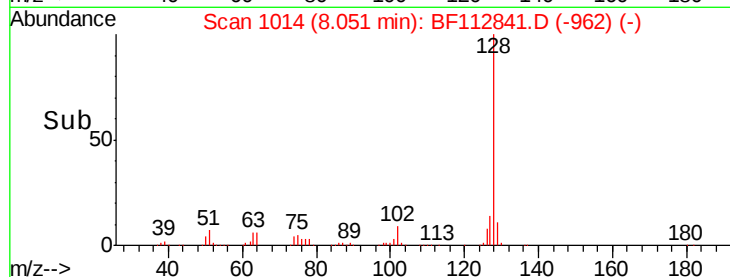
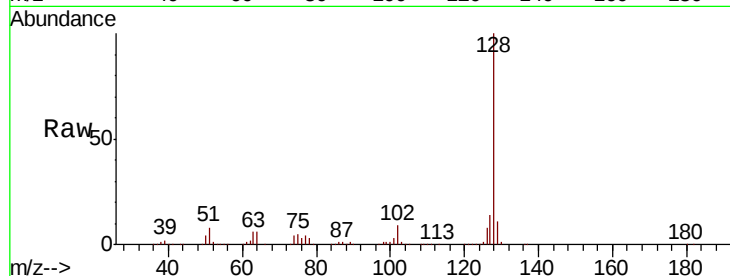




#31
Naphthalene
Concen: 39.780 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

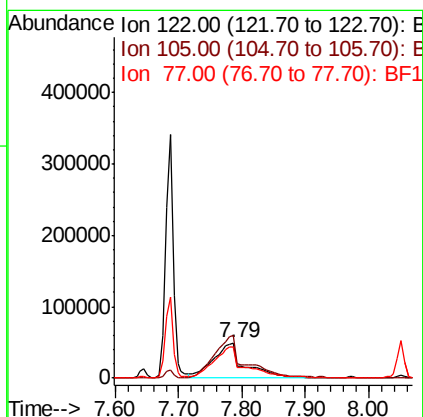
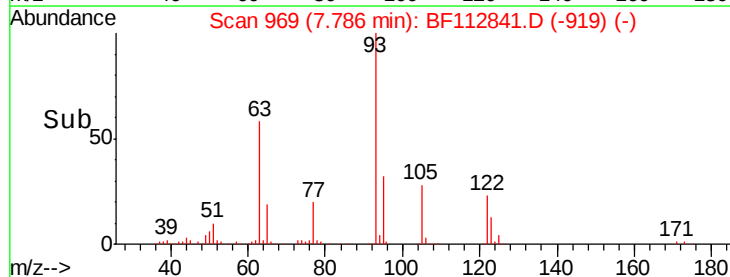
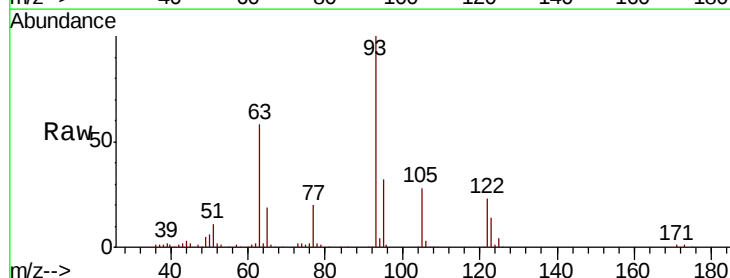
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1013668
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 32.534 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:122 Resp: 168587
Ion Ratio Lower Upper
122 100
105 120.0 106.8 146.8
77 87.9 79.4 119.4

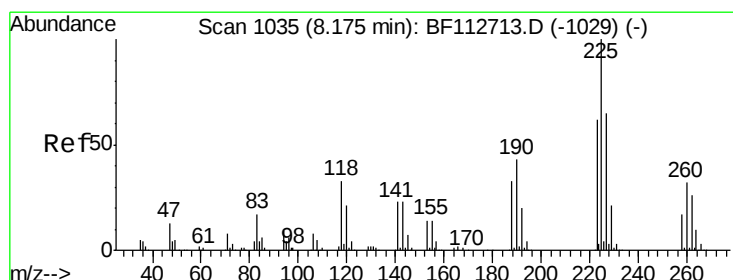
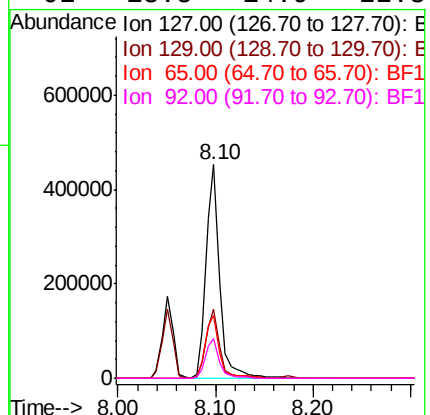
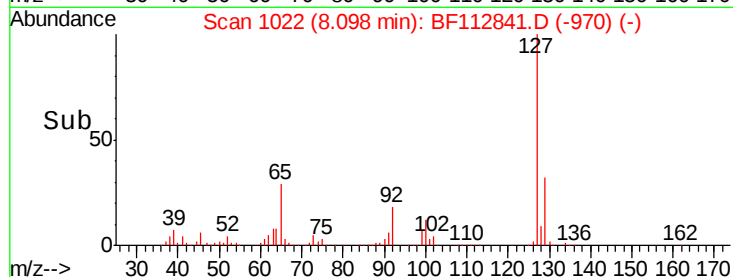
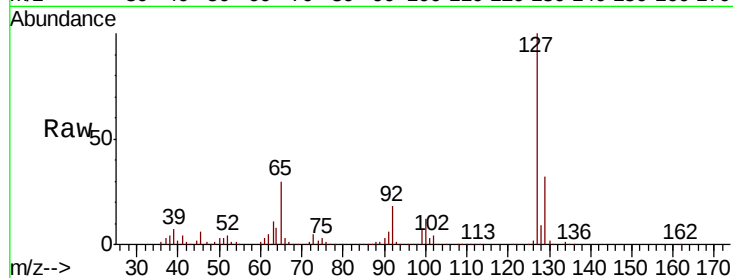




#33
4-Chloroaniline
Concen: 40.693 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

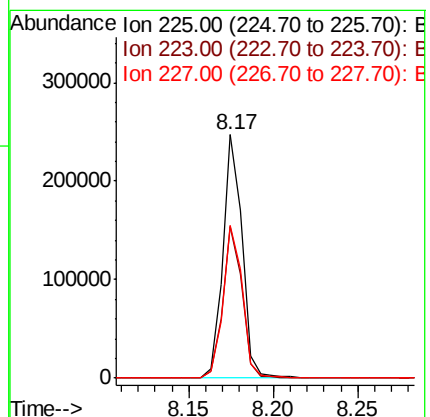
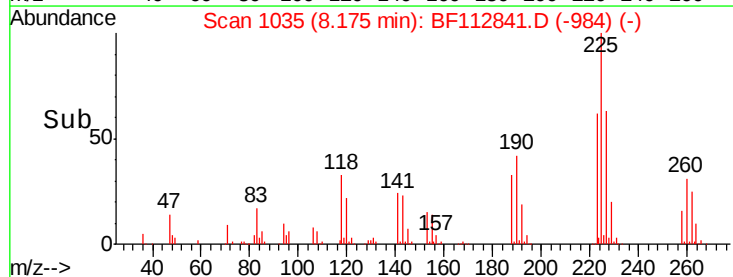
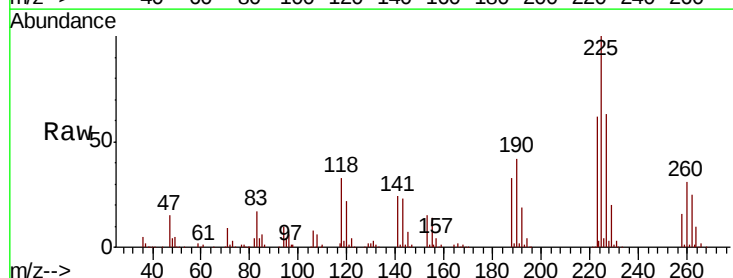
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

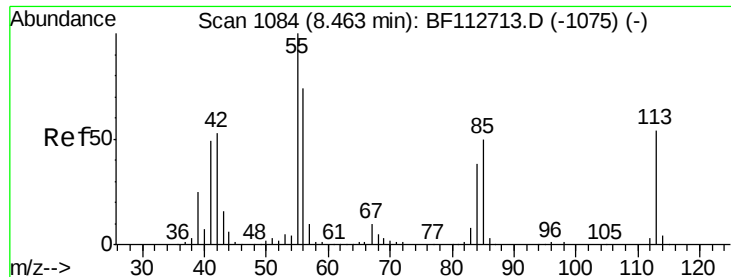
Tot Ion:	127	Resp:	439190
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	29.5	23.1	34.7
92	18.5	14.9	22.3



#34
Hexachlorobutadiene
Concen: 45.358 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:	225	Resp:	197064
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	62.7	52.1	78.1

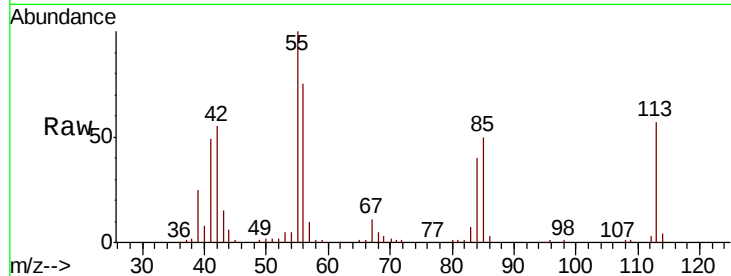




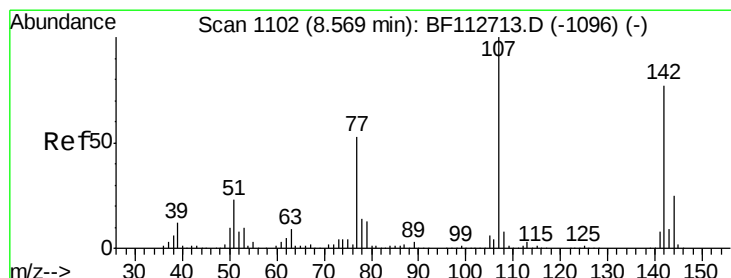
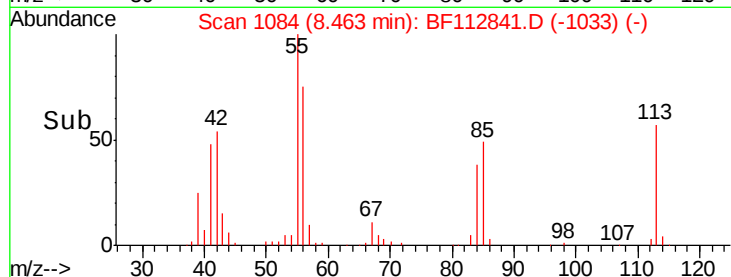
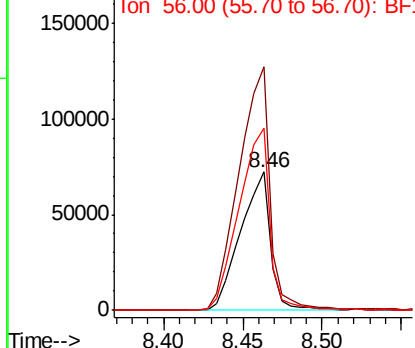
#35
 Caprolactam
 Concen: 37.513 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 94728
 Ion Ratio Lower Upper
 113 100
 55 176.2 163.5 203.5
 56 131.9 115.3 155.3

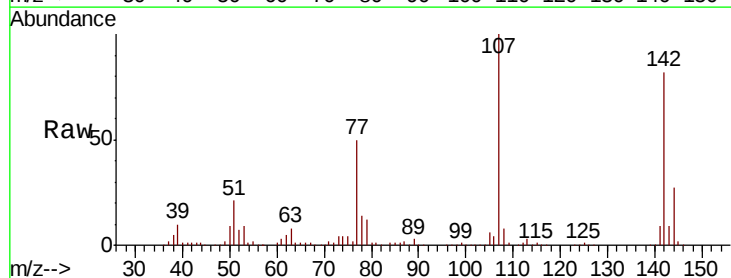


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

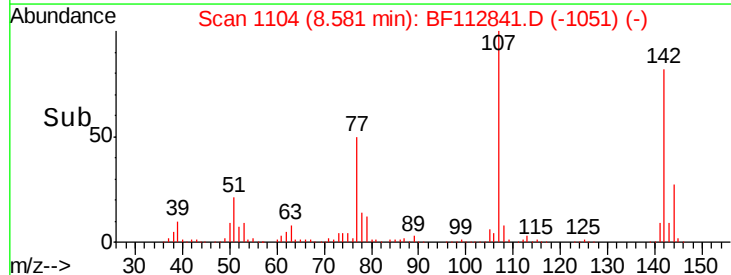
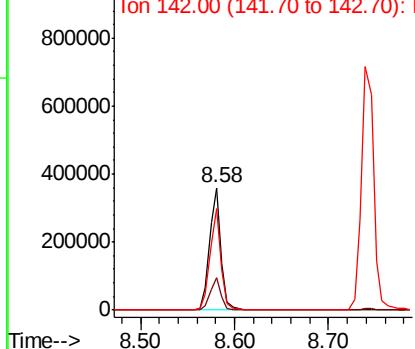


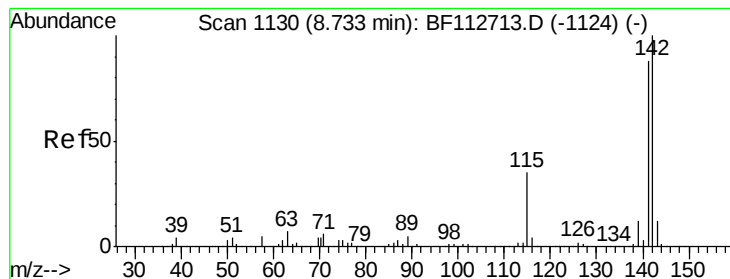
#36
 4-Chloro-3-methylphenol
 Concen: 38.674 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion:107 Resp: 306859
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.1 30.1
 142 82.5 61.9 92.9



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: 39.856 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

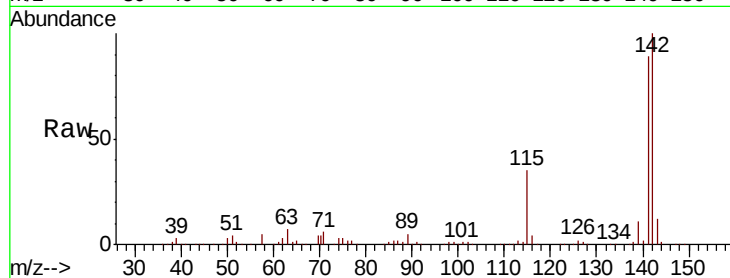
Tot Ion:142 Resp: 655854

Ion Ratio Lower Upper

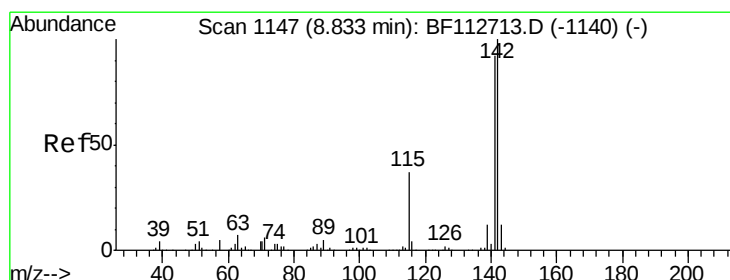
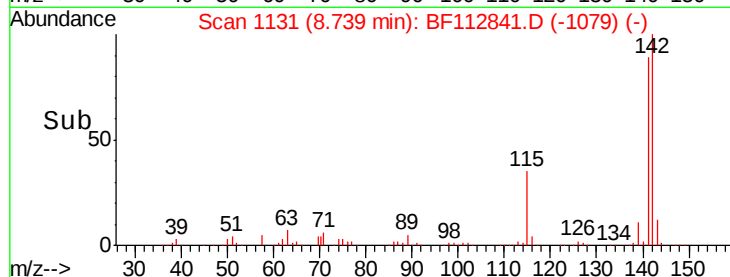
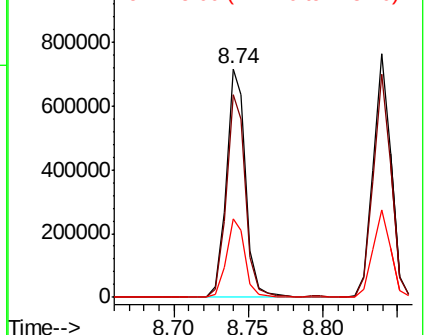
142 100

141 88.6 70.3 105.5

115 34.5 27.8 41.6



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



#38

1-Methylnaphthalene

Concen: 39.153 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

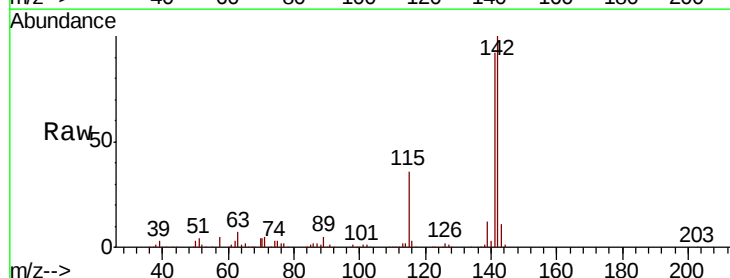
Tgt Ion:142 Resp: 624112

Ion Ratio Lower Upper

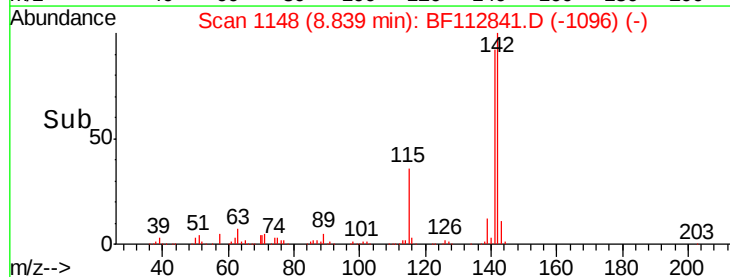
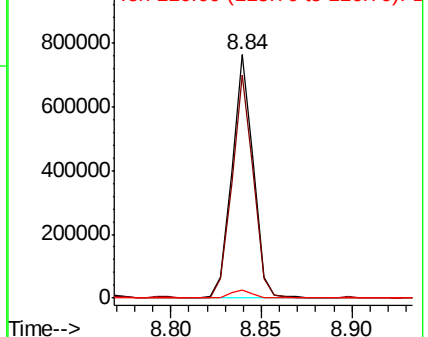
142 100

141 91.5 73.7 110.5

116 3.4 3.1 4.7



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

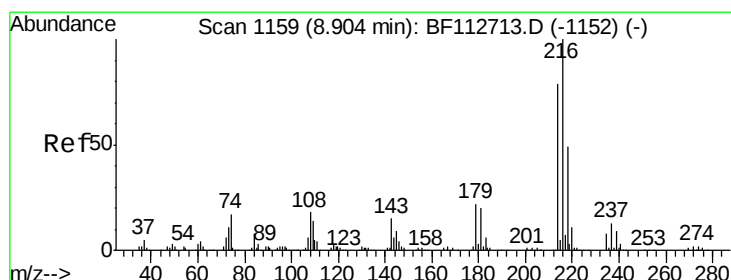
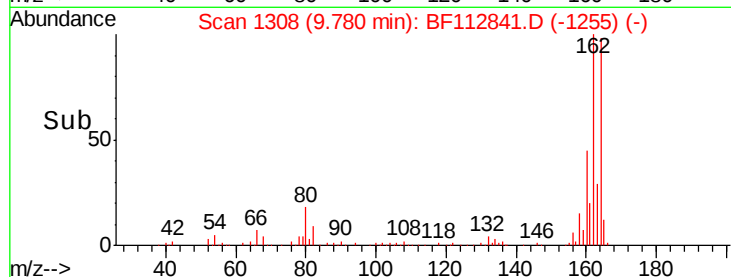
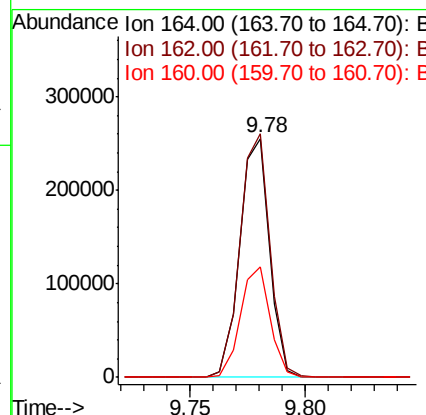
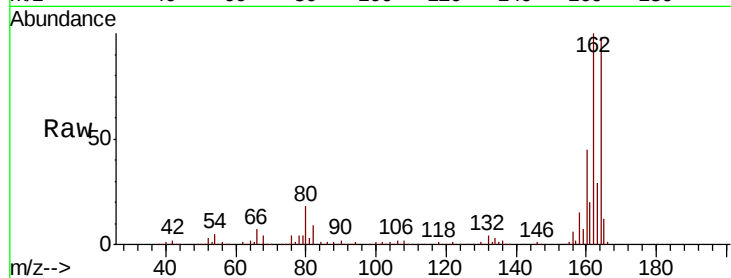




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

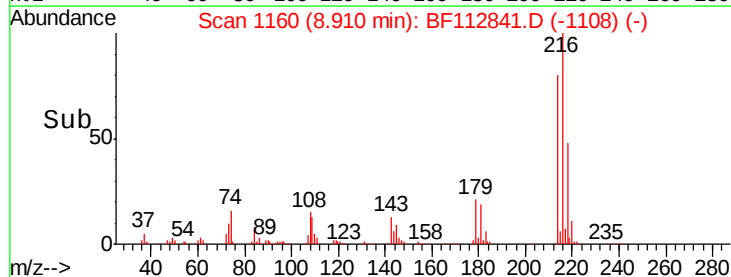
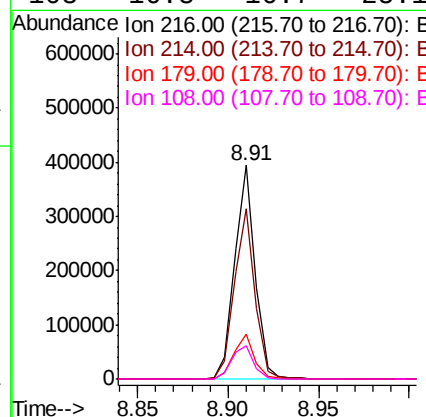
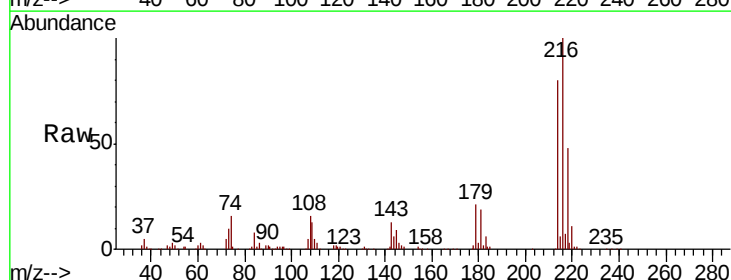
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

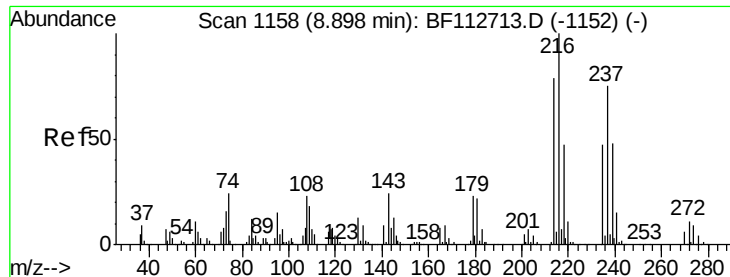
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	46.3	36.0	54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.328 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.2	94.8
179	20.8	17.5	26.3
108	16.8	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 5.759 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

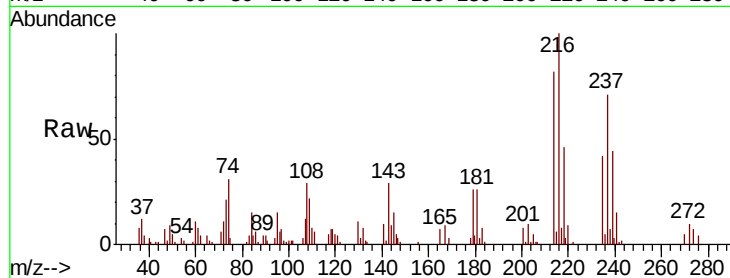
Tot Ion:237 Resp: 21091

Ion Ratio Lower Upper

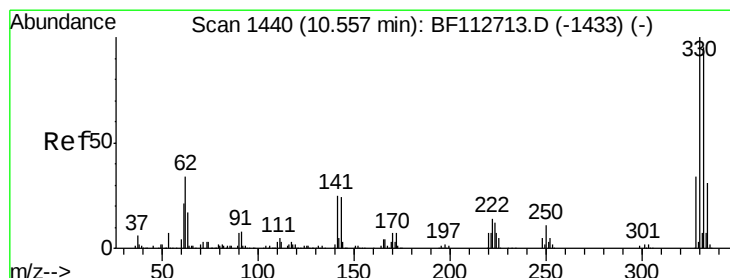
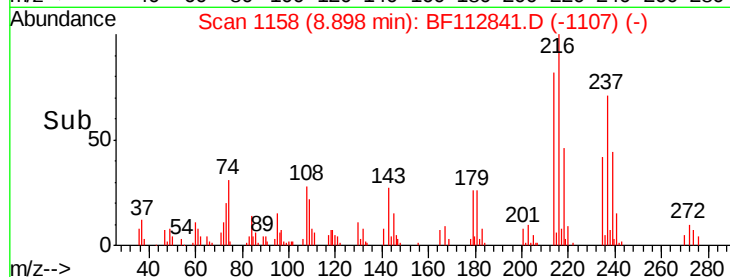
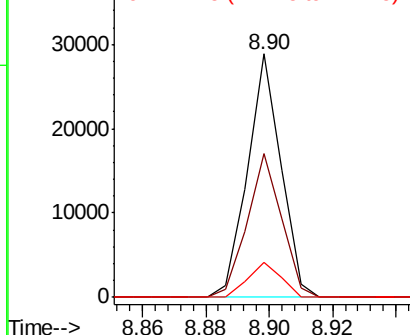
237 100

235 59.3 42.2 82.2

272 14.3 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 91.471 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

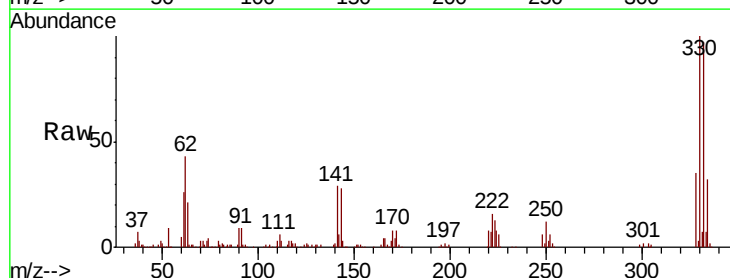
Tgt Ion:330 Resp: 222711

Ion Ratio Lower Upper

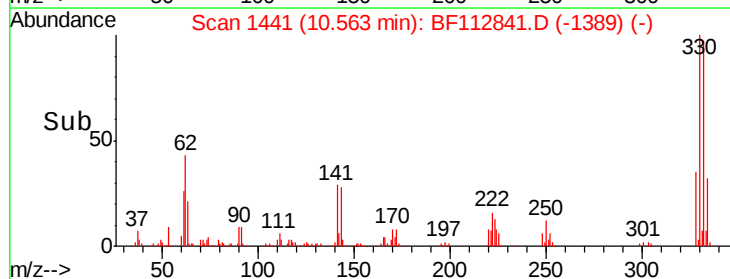
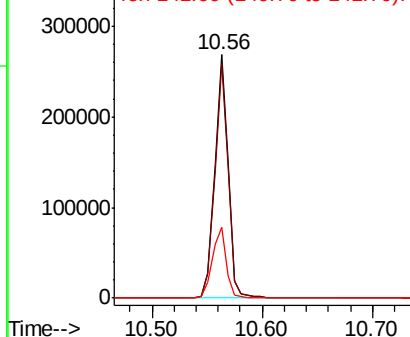
330 100

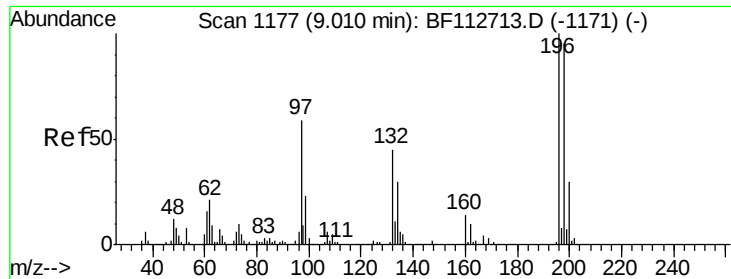
332 96.7 76.2 114.4

141 29.7 27.0 40.6



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

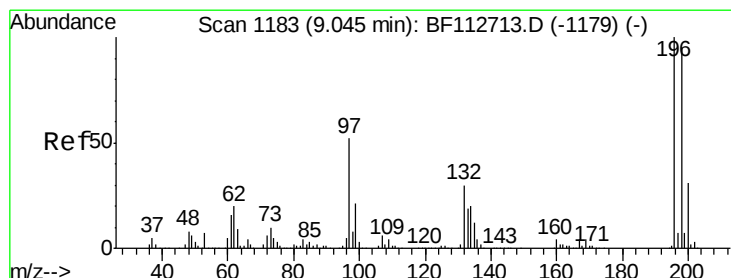
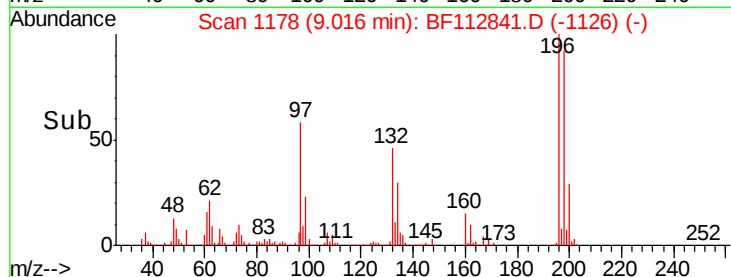
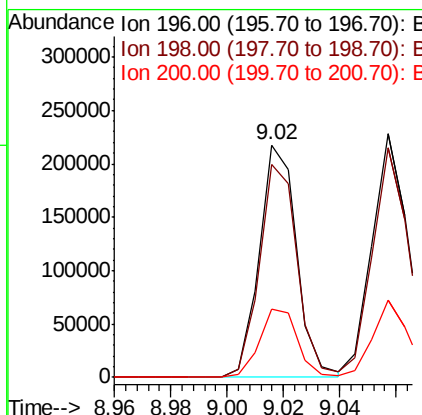
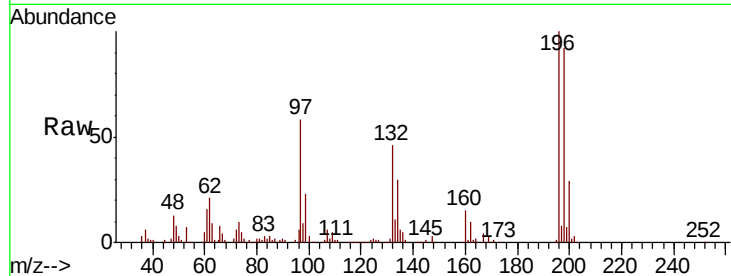




#43
 2,4,6-Trichlorophenol
 Concen: 43.205 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

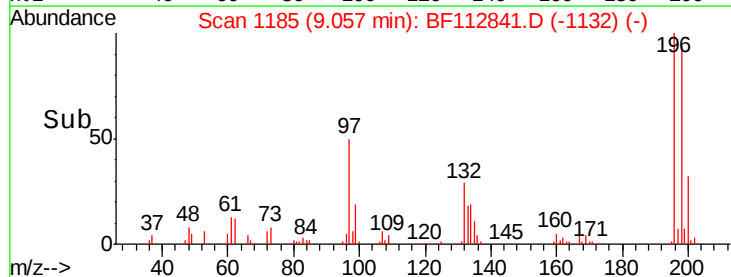
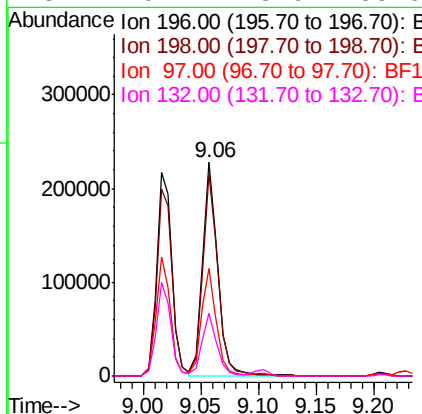
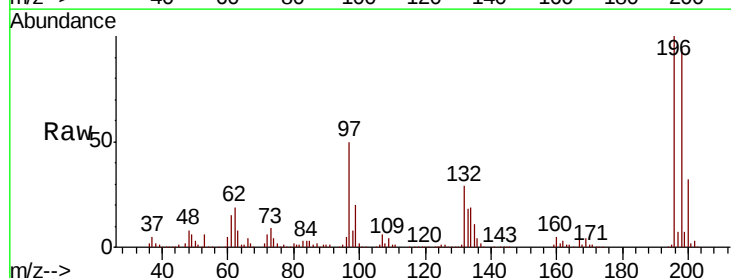
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

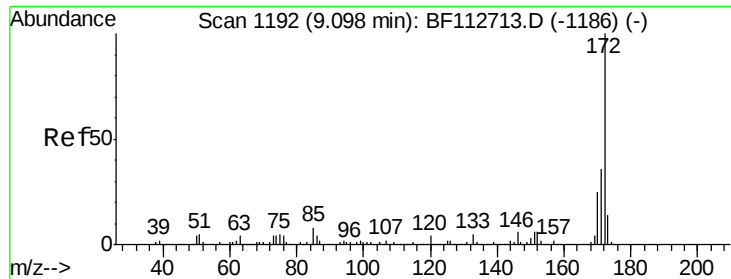
Tot Ion:196 Resp: 198863
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.8 113.8
 200 29.3 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.902 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion:196 Resp: 213444
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.2 114.2
 97 50.2 41.5 62.3
 132 29.2 23.9 35.9

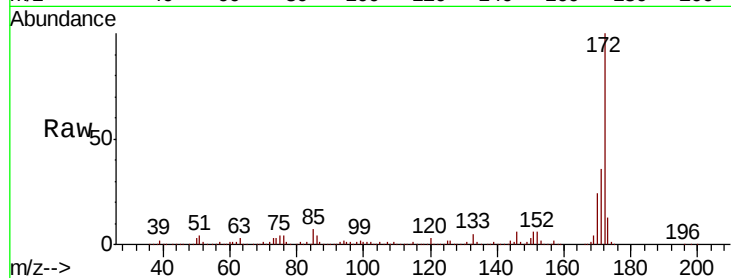




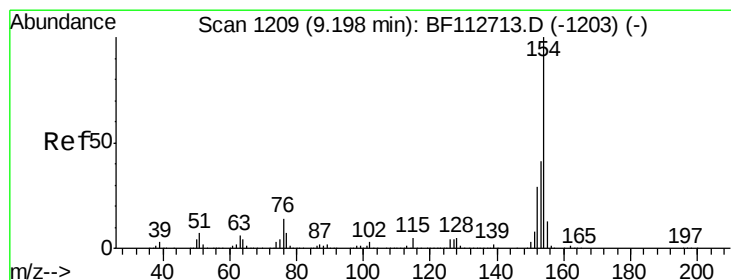
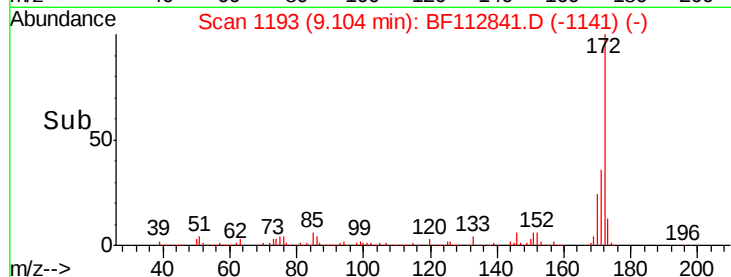
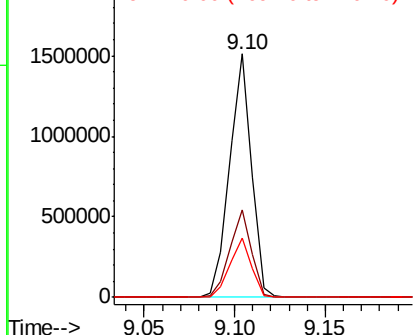
#45
2-Fluorobiphenyl
Concen: 95.054 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1274845
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.2 20.0 30.0

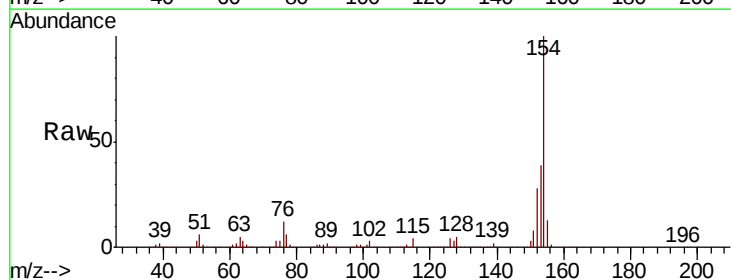


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

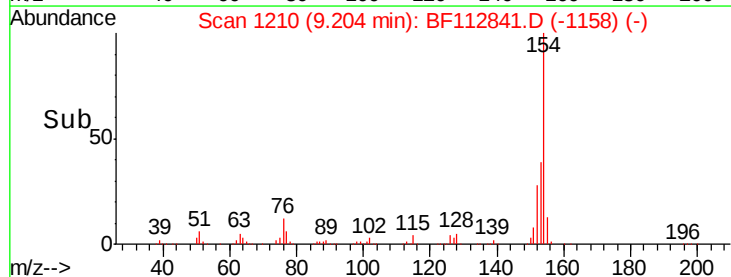
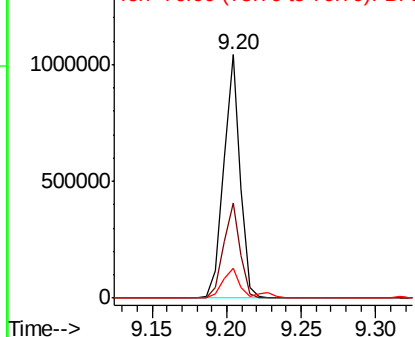


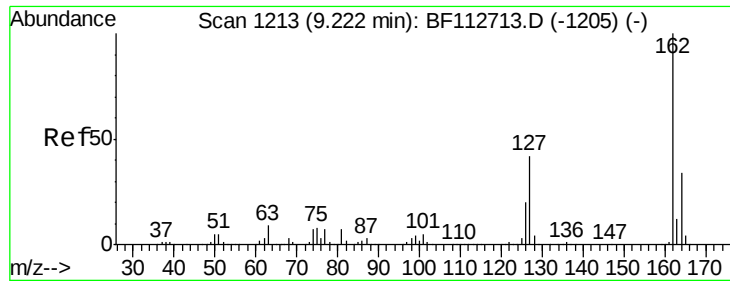
#46
1,1'-Biphenyl
Concen: 43.250 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:154 Resp: 809071
Ion Ratio Lower Upper
154 100
153 39.2 20.8 60.8
76 12.3 0.0 33.8



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

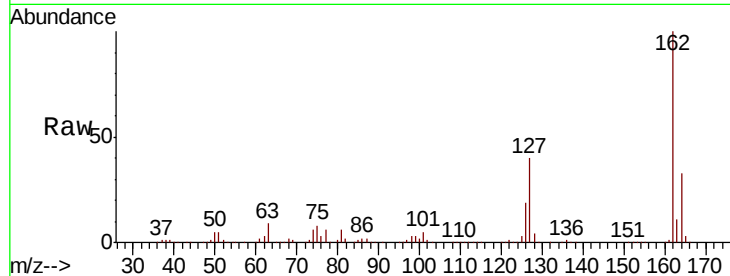




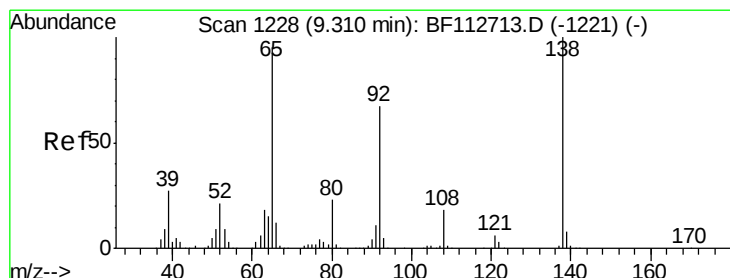
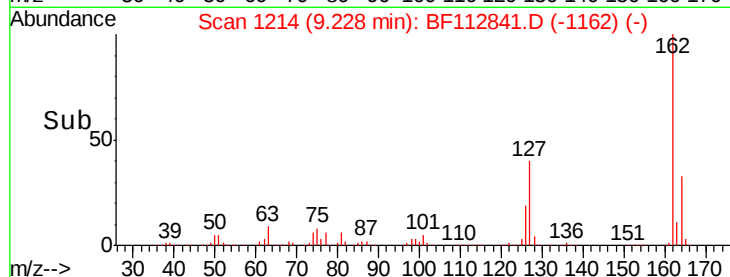
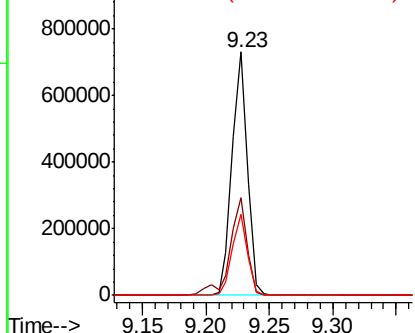
#47
 2-Chloronaphthalene
 Concen: 41.532 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.4	50.2
164	33.1	26.9	40.3

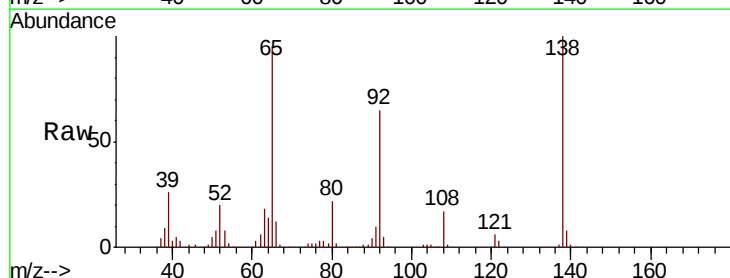


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

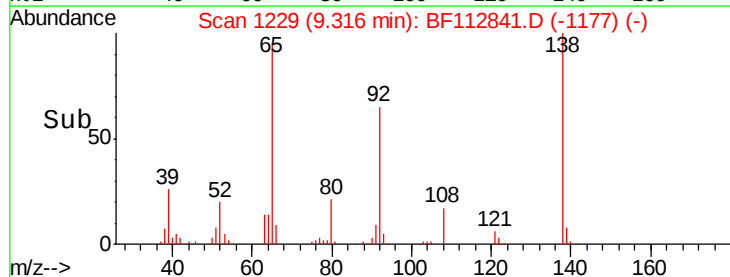
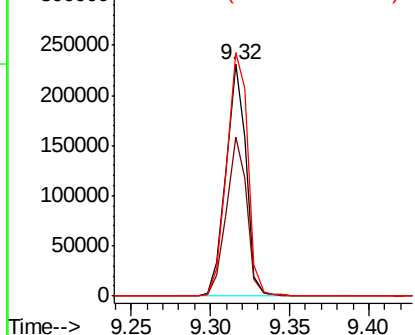


#48
 2-Nitroaniline
 Concen: 45.875 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	56.4	84.6
138	105.0	84.6	126.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.333 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

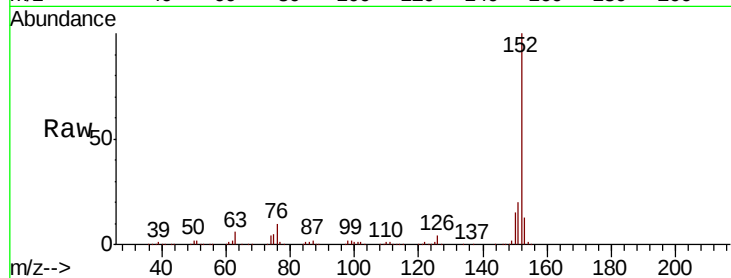
Tot Ion:152 Resp: 1000141

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

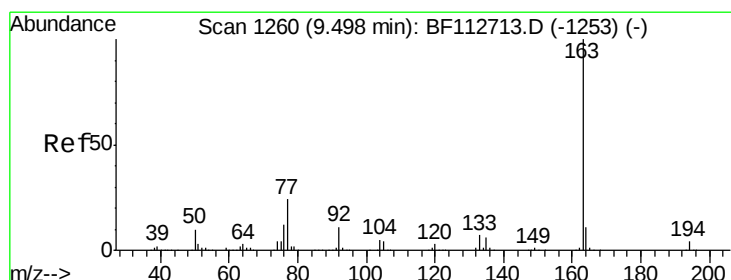
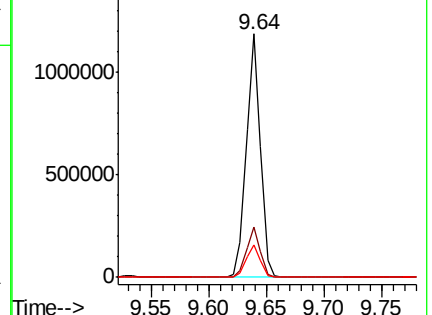
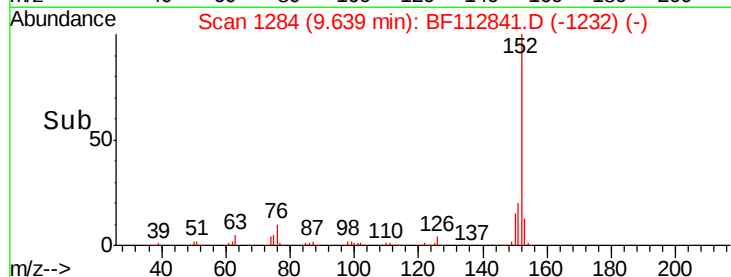
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.560 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

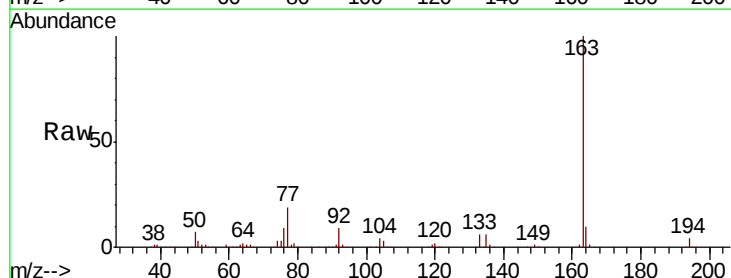
Tgt Ion:163 Resp: 719728

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

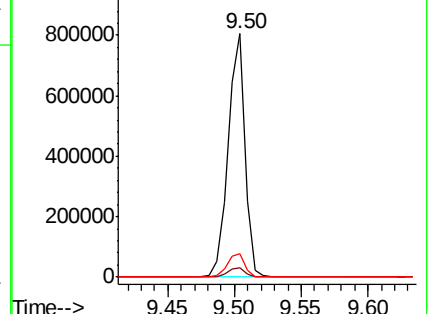
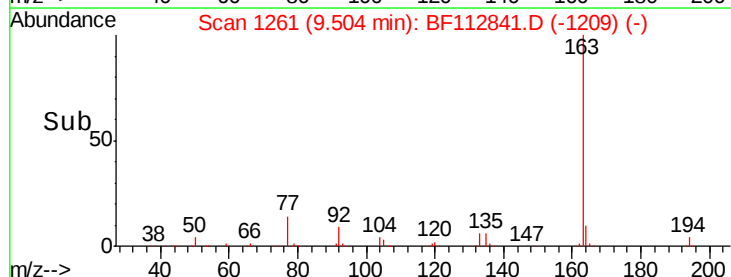
164 9.9 8.4 12.6

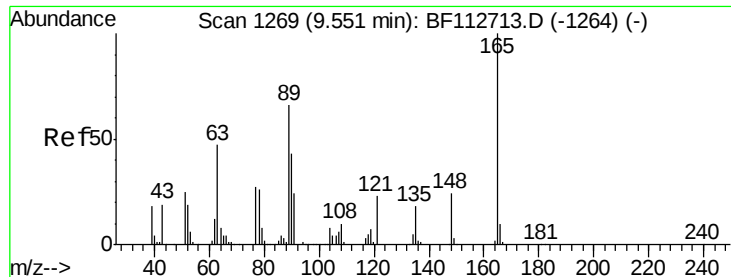


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

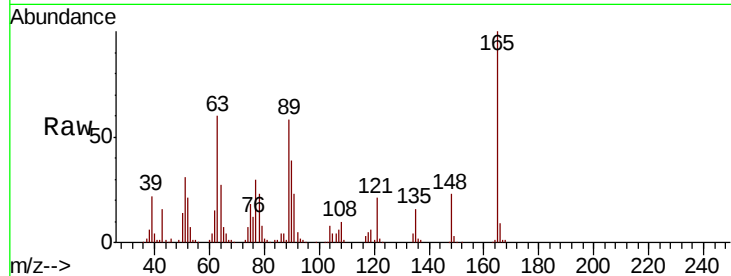




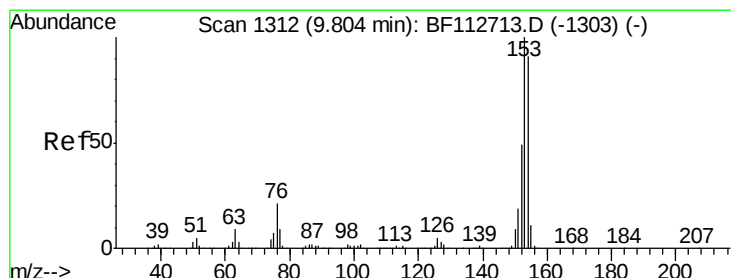
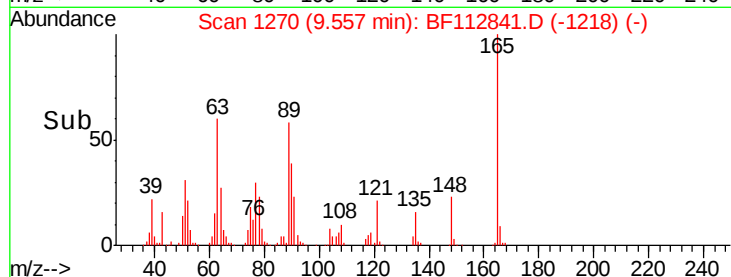
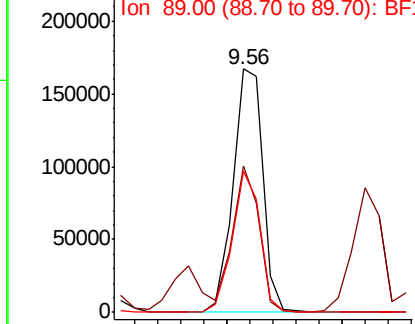
#51
2,6-Dinitrotoluene
Concen: 42.529 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 149767
Ion Ratio Lower Upper
165 100
63 60.0 54.1 81.1
89 58.0 52.8 79.2

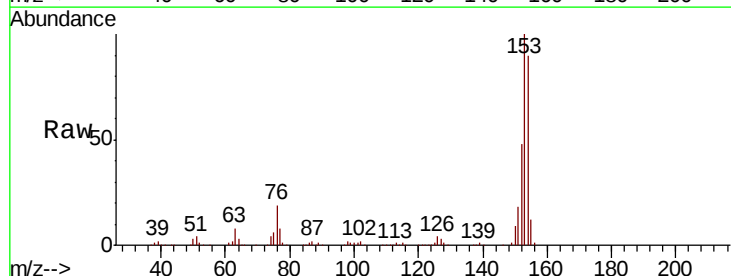


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

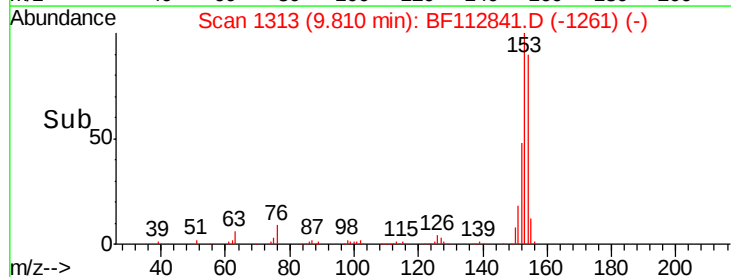
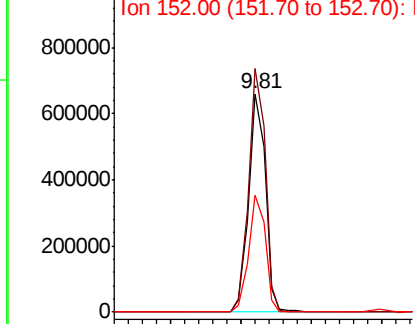


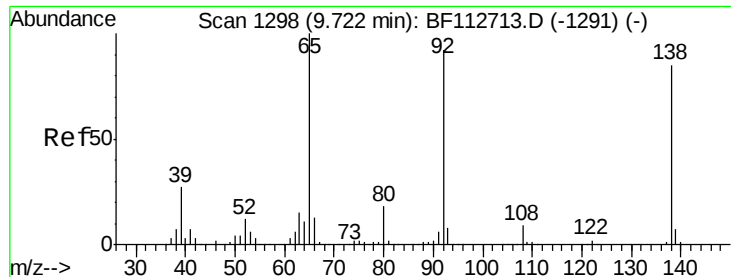
#52
Acenaphthene
Concen: 38.120 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:154 Resp: 552792
Ion Ratio Lower Upper
154 100
153 111.4 87.8 131.8
152 53.6 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

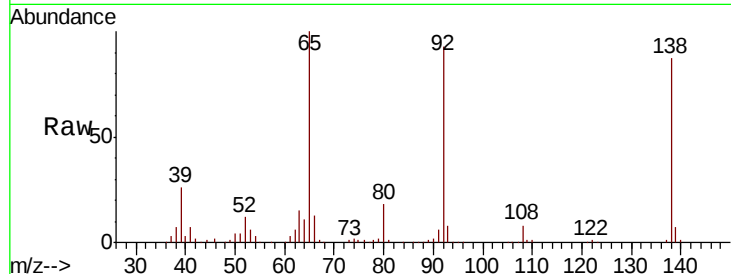




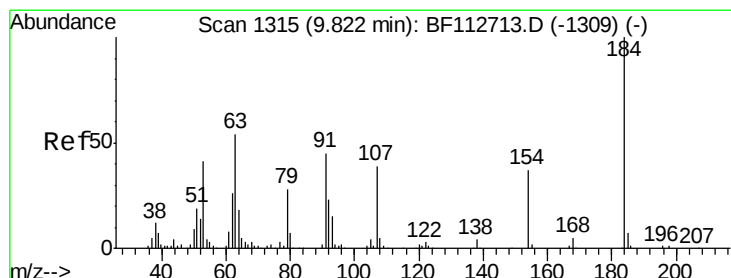
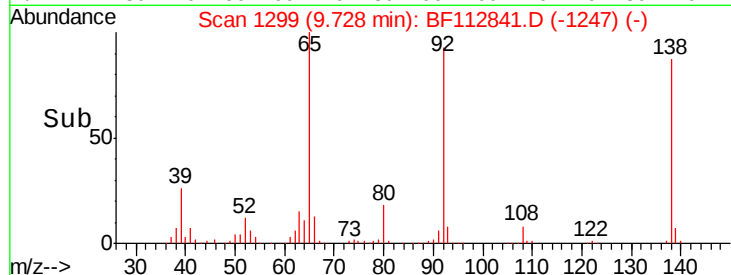
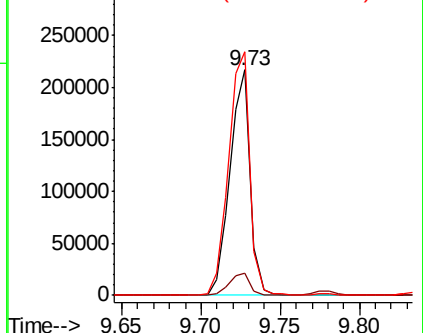
#53
3-Nitroaniline
Concen: 44.951 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 192884
Ion Ratio Lower Upper
138 100
108 9.6 8.6 13.0
92 108.0 86.6 129.8

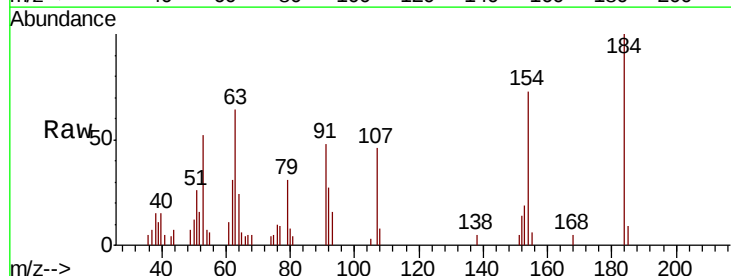


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

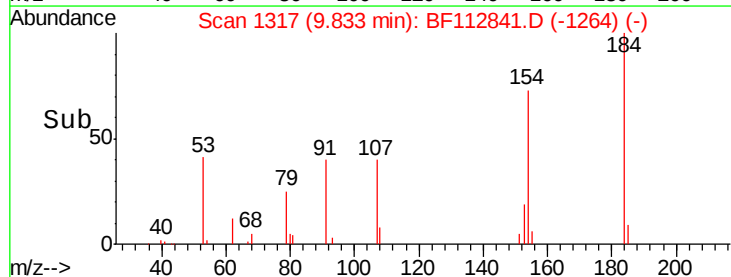
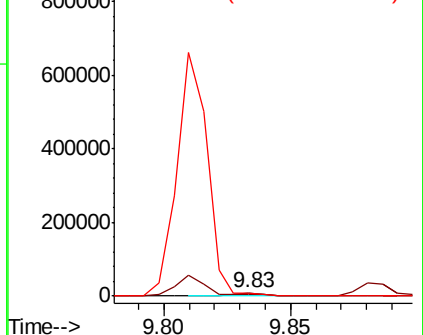


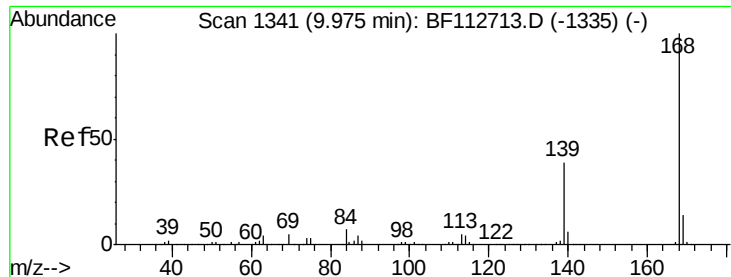
#54
2,4-Dinitrophenol
Concen: 11.891 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:184 Resp: 8520
Ion Ratio Lower Upper
184 100
63 63.8 45.3 67.9
154 72.7 46.0 69.0#



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

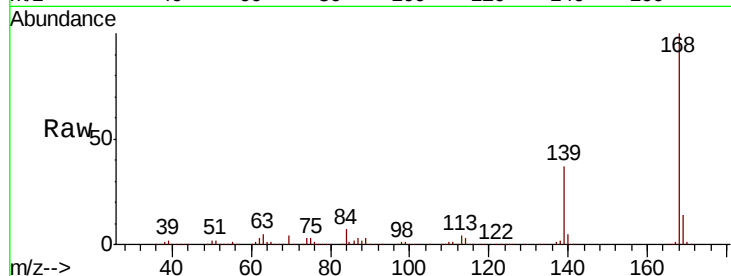




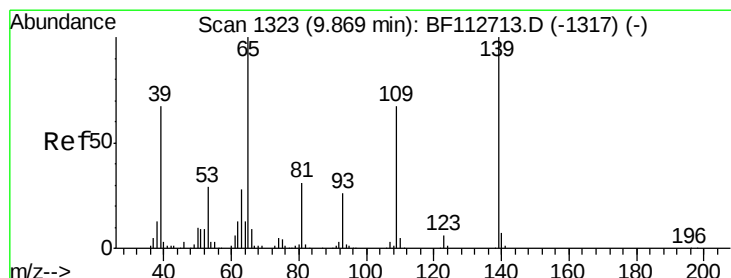
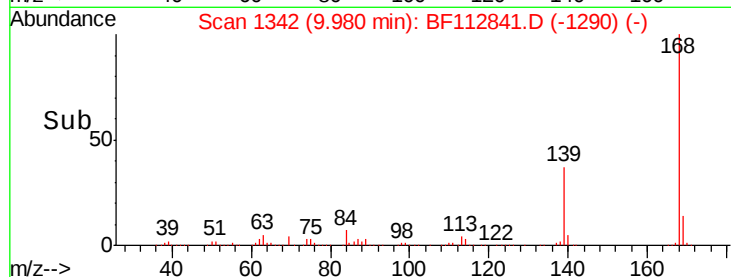
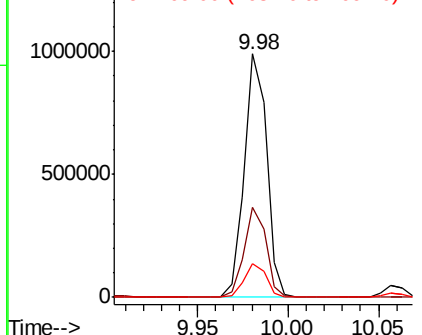
#55
Dibenzofuran
Concen: 40.285 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 849049
Ion Ratio Lower Upper
168 100
139 37.1 31.3 46.9
169 13.7 11.3 16.9

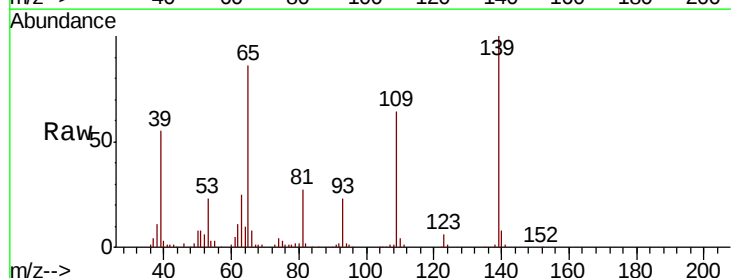


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

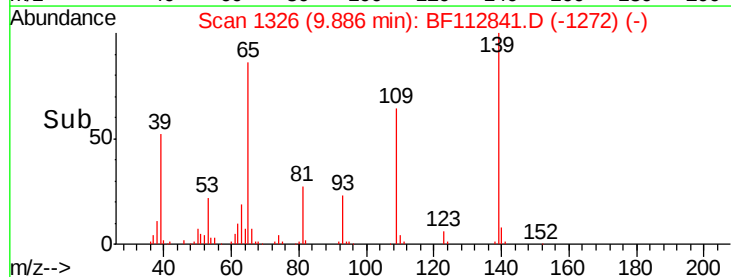
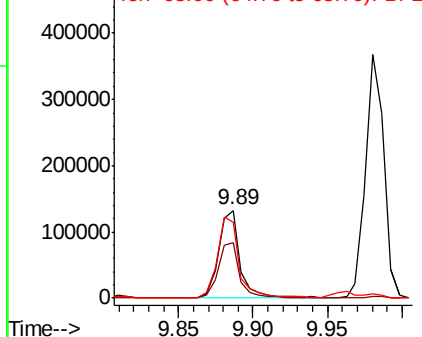


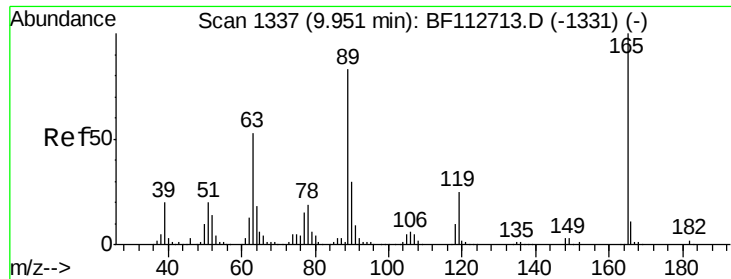
#56
4-Nitrophenol
Concen: 38.666 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:139 Resp: 134842
Ion Ratio Lower Upper
139 100
109 63.5 46.8 86.8
65 86.5 80.7 120.7



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

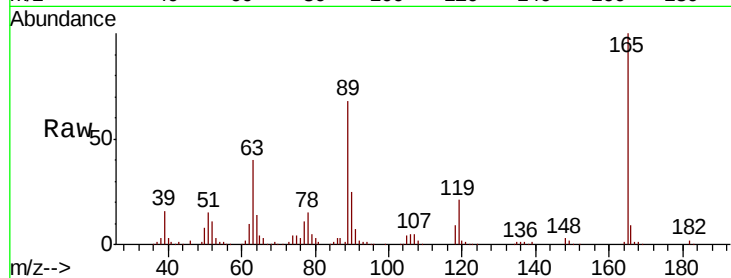




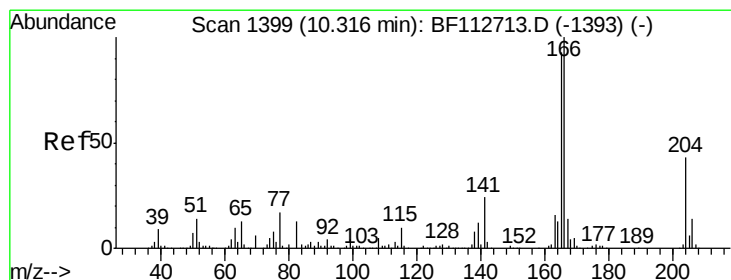
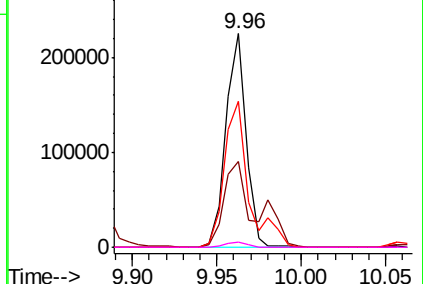
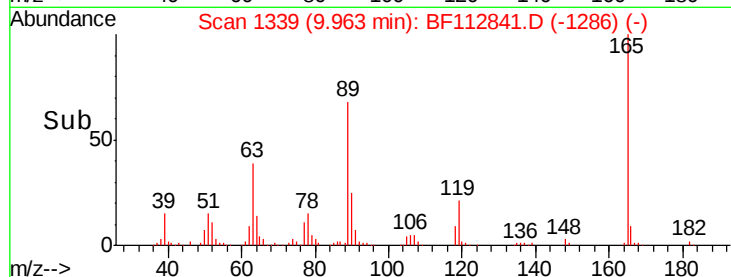
#57
2,4-Dinitrotoluene
Concen: 42.552 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	42.2	63.2#
89	68.2	66.2	99.4
182	2.4	1.8	2.6

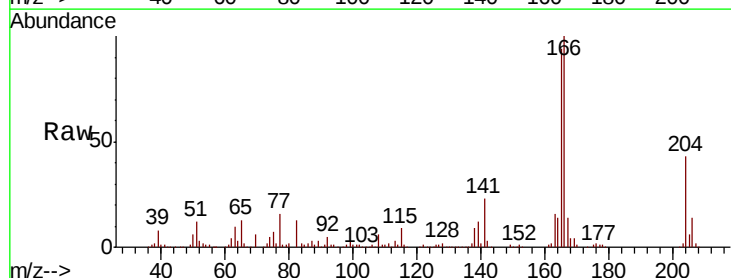


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

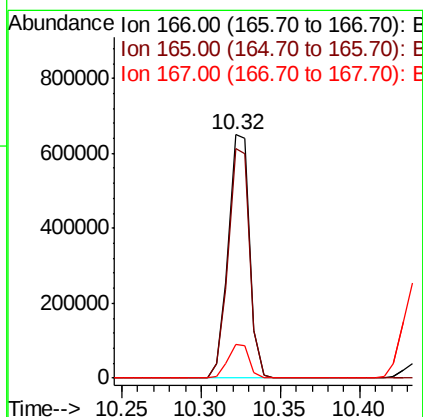
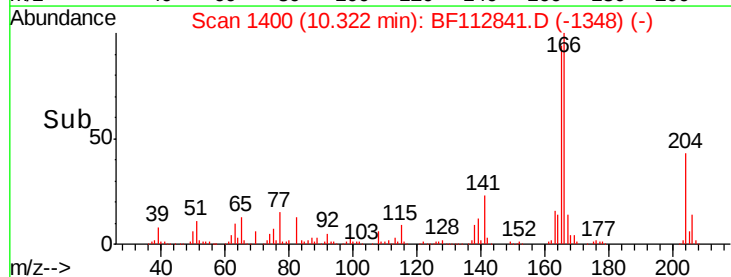


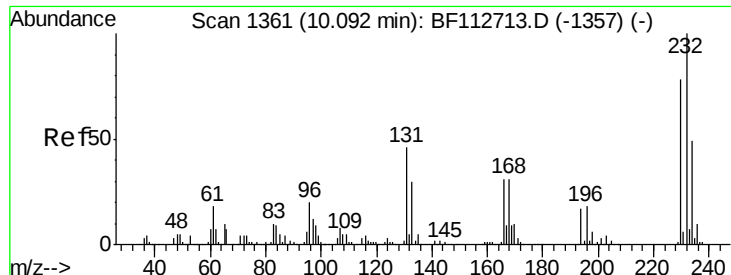
#58
Fluorene
Concen: 40.806 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	74.7	112.1
167	14.0	11.0	16.6



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

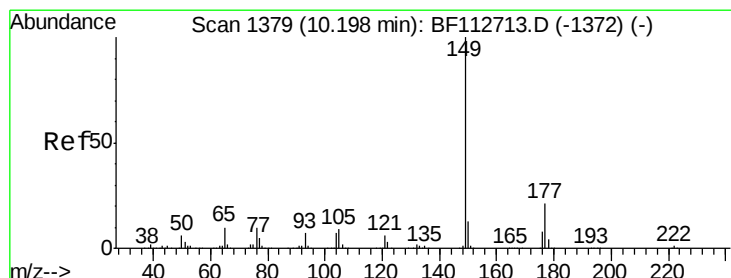
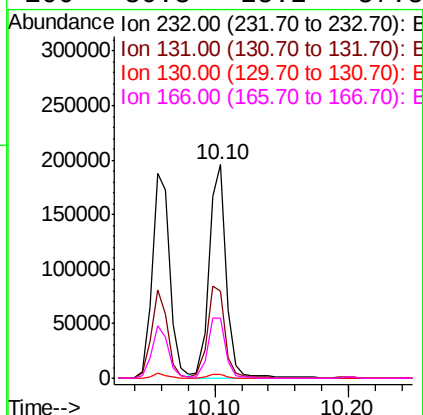
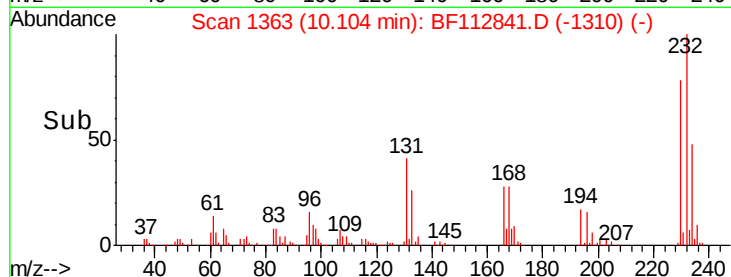
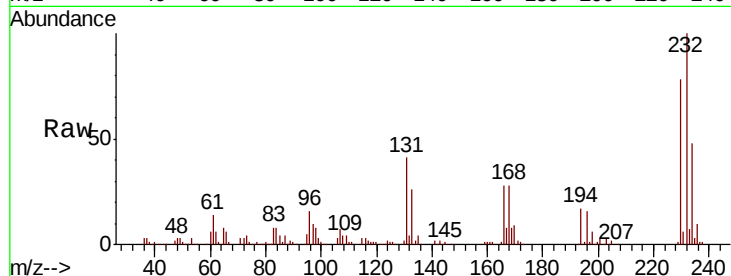




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.125 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

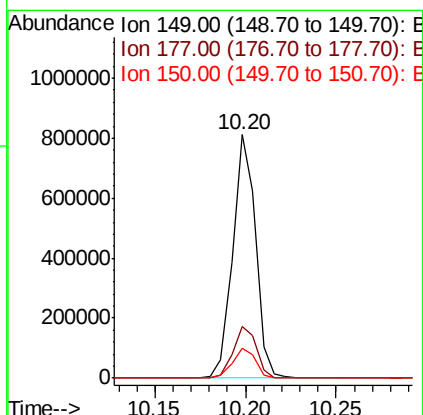
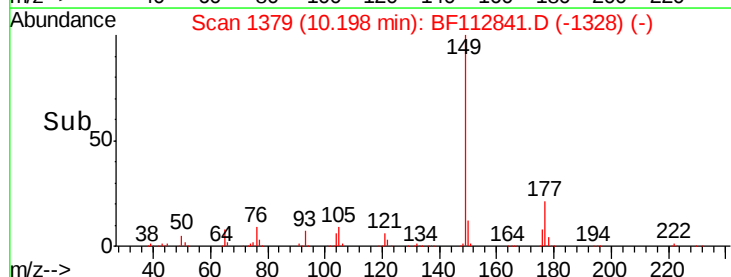
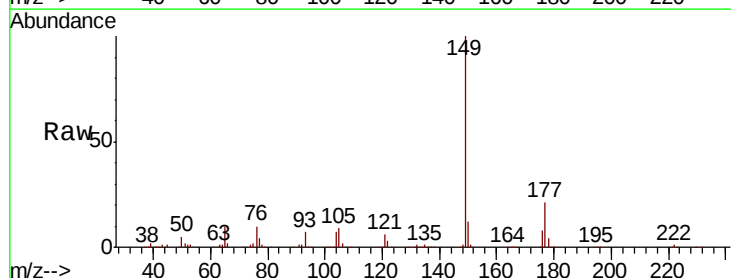
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

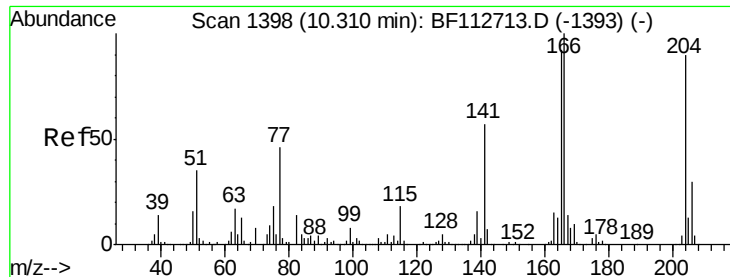
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.7	58.1
130	1.9	1.9	2.9
166	30.3	25.2	37.8



#60
Diethylphthalate
Concen: 39.889 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.5	10.0	15.0

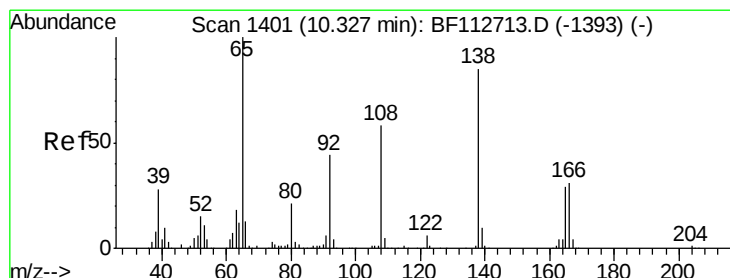
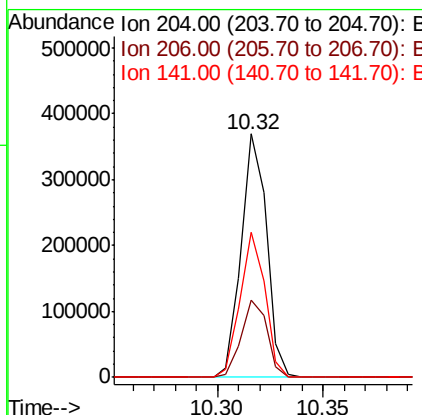
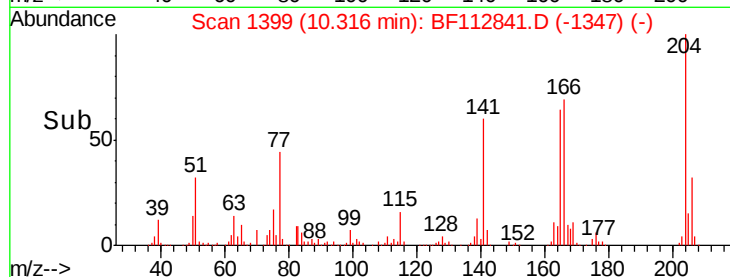
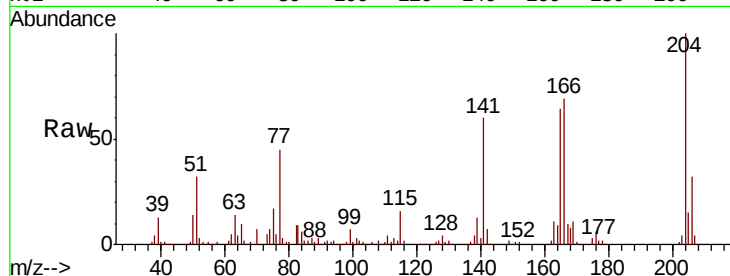




#61
4-Chlorophenyl-phenylether
Concen: 44.155 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

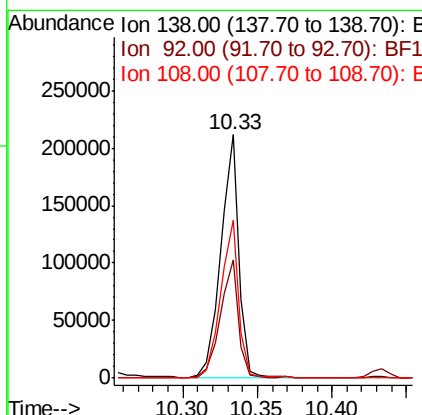
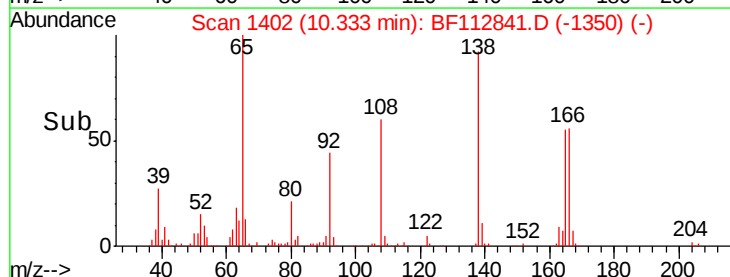
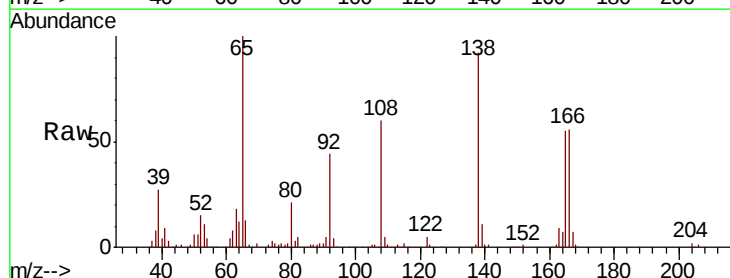
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

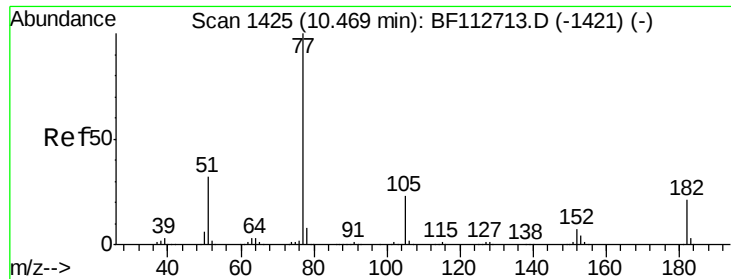
Tot Ion:204 Resp: 307313
Ion Ratio Lower Upper
204 100
206 31.8 26.6 40.0
141 59.6 50.8 76.2



#62
4-Nitroaniline
Concen: 45.512 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:138 Resp: 180462
Ion Ratio Lower Upper
138 100
92 48.3 31.3 71.3
108 64.8 48.1 88.1

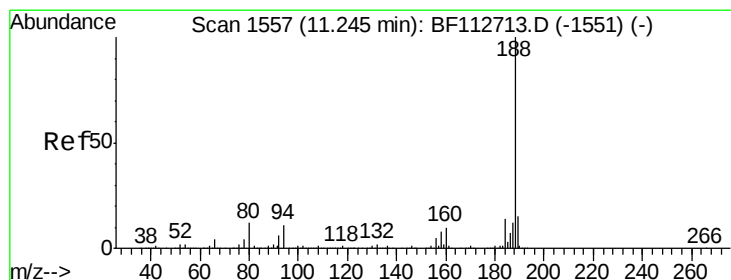
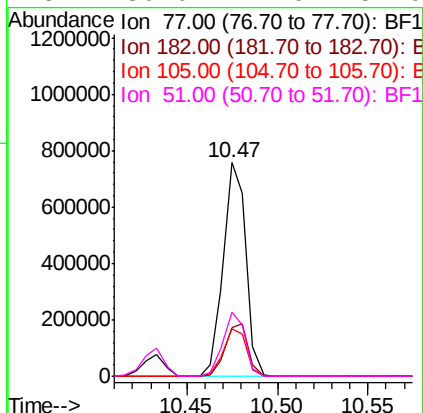
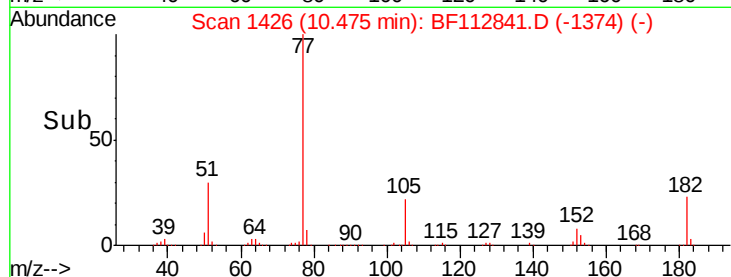
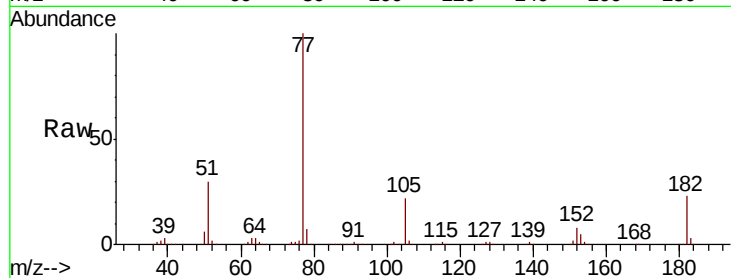




#63
Azobenzene
Concen: 35.994 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

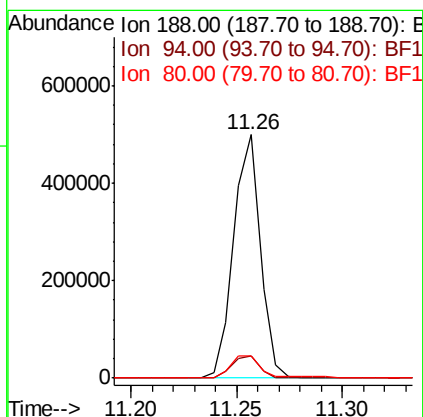
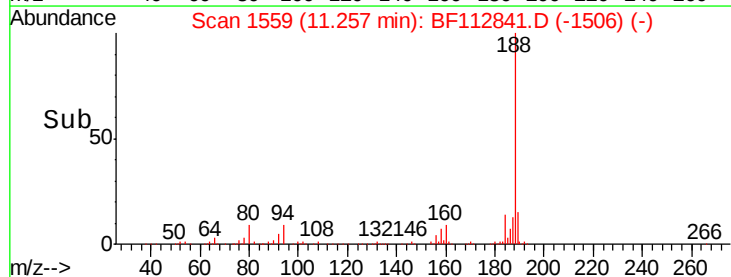
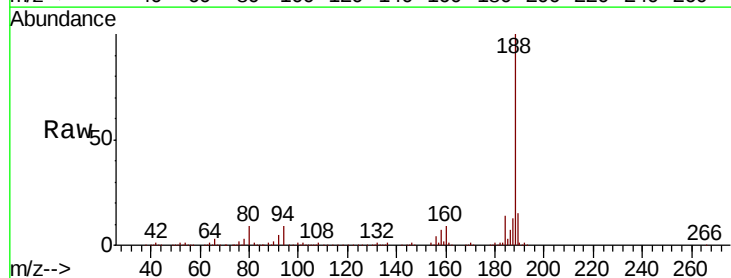
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 658461
Ion Ratio Lower Upper
77 100
182 22.9 1.4 41.4
105 22.4 2.6 42.6
51 30.0 12.0 52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion: 188 Resp: 436363
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.4#
80 9.0 9.2 13.8#

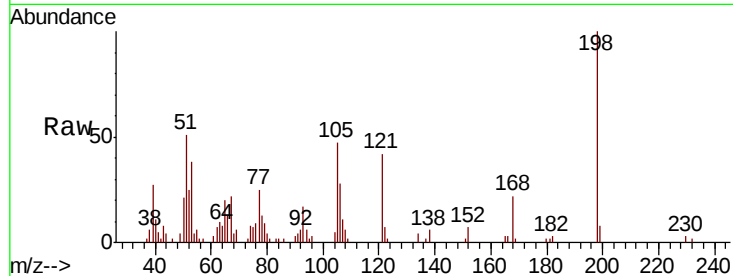




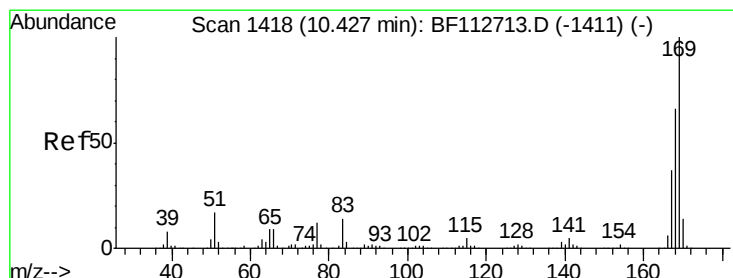
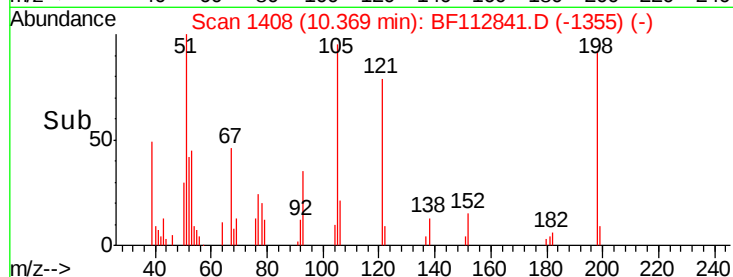
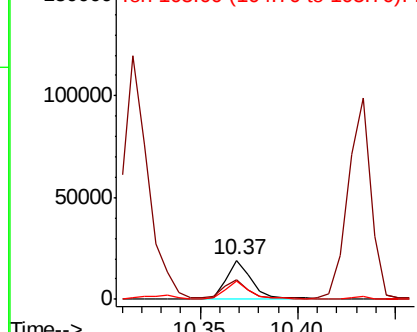
#65
4,6-Dinitro-2-methylphenol
Concen: 13.274 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 17180
Ion Ratio Lower Upper
198 100
51 51.2 43.8 83.8
105 47.0 36.5 76.5

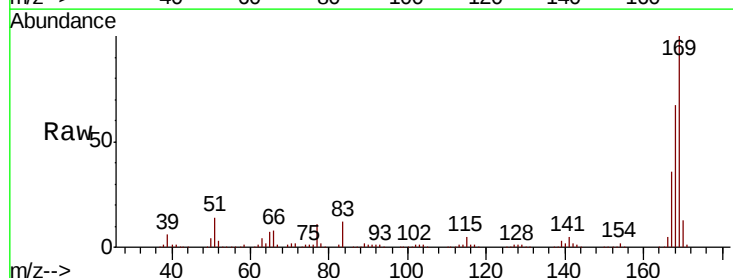


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

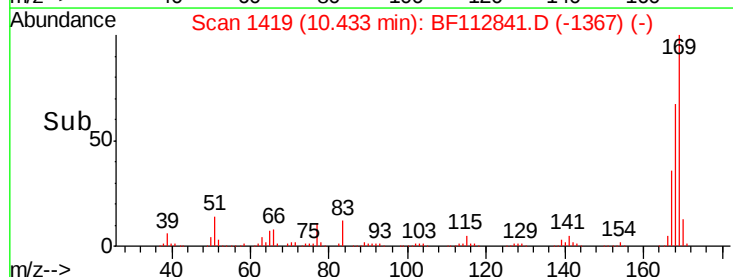
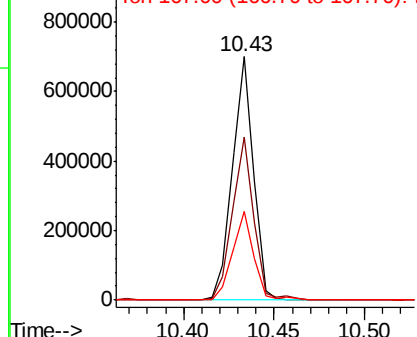


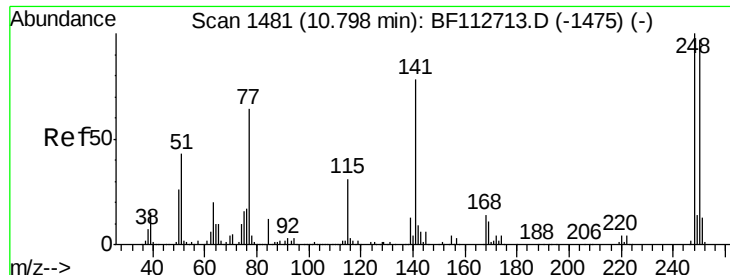
#66
n-Nitrosodiphenylamine
Concen: 40.678 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:169 Resp: 569268
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.5 29.3 43.9



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

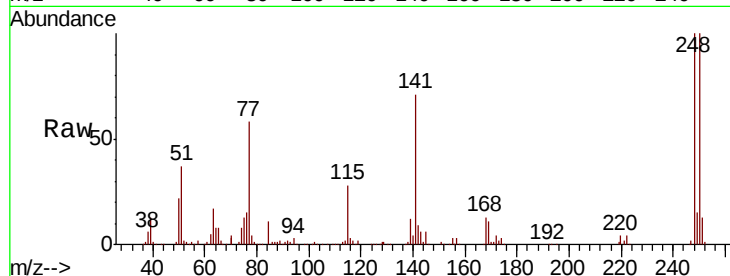




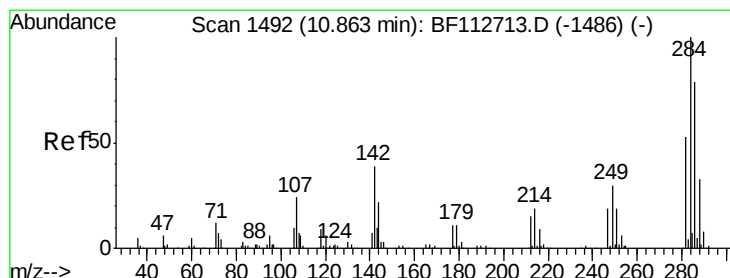
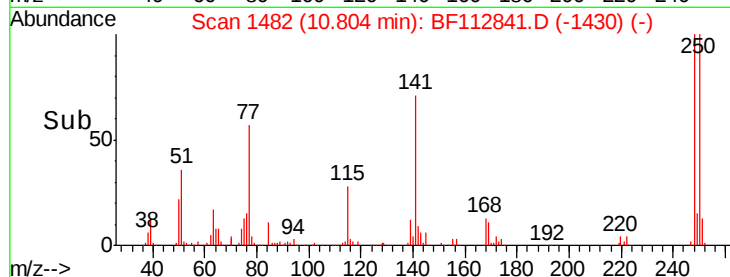
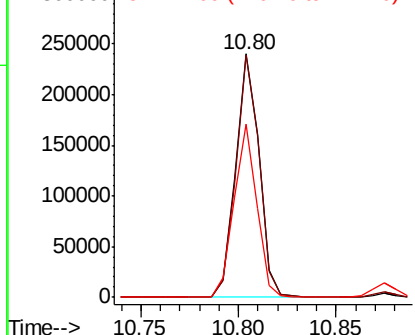
#67
4-Bromophenyl-phenylether
Concen: 43.626 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 200514
Ion Ratio Lower Upper
248 100
250 99.5 77.5 116.3
141 71.1 62.4 93.6

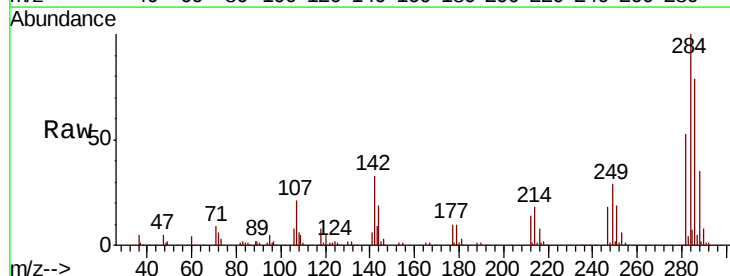


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

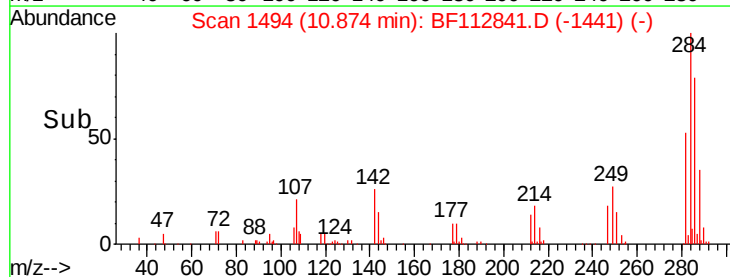
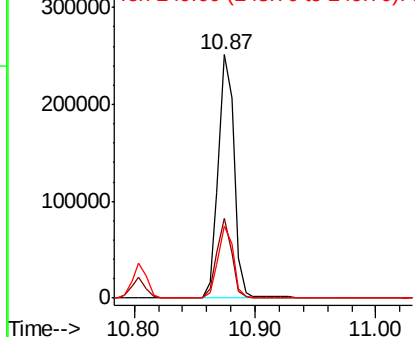


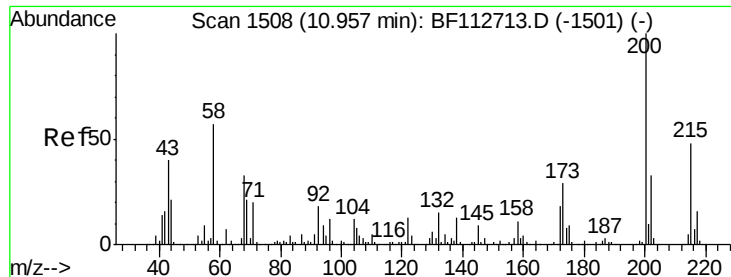
#68
Hexachlorobenzene
Concen: 43.748 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:284 Resp: 226664
Ion Ratio Lower Upper
284 100
142 32.9 31.0 46.6
249 29.4 23.6 35.4



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

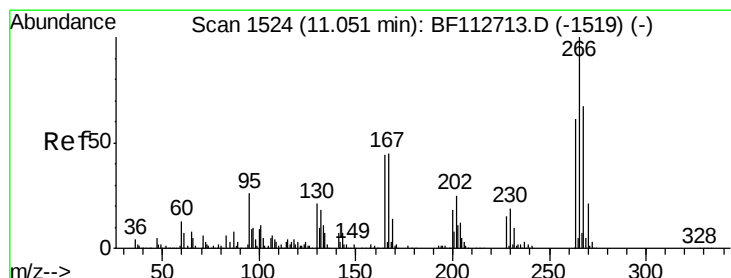
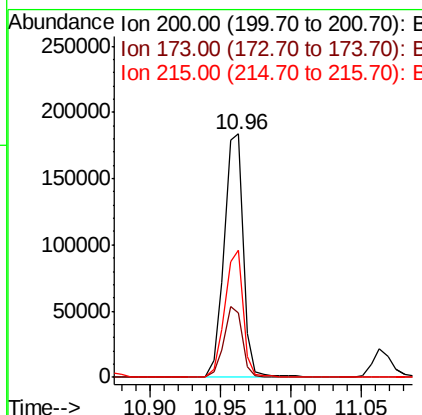
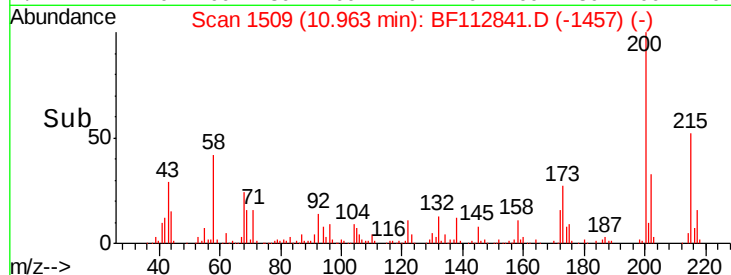
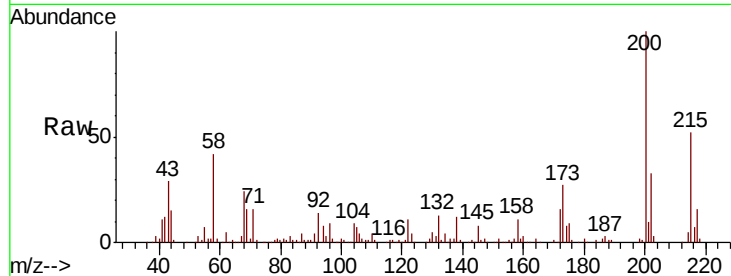




#69
 Atrazine
 Concen: 40.648 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

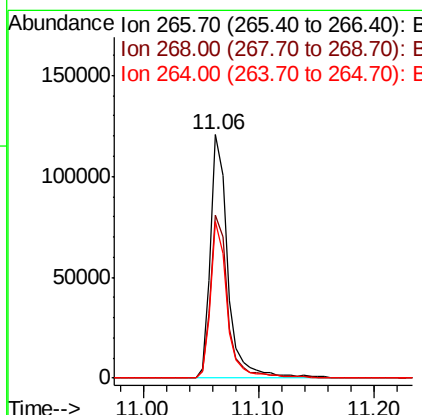
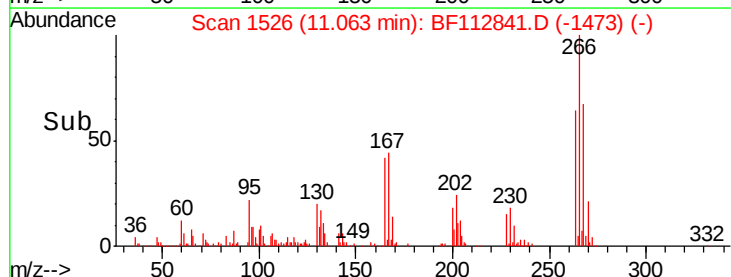
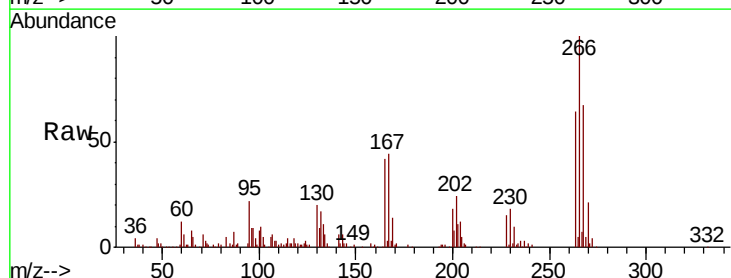
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

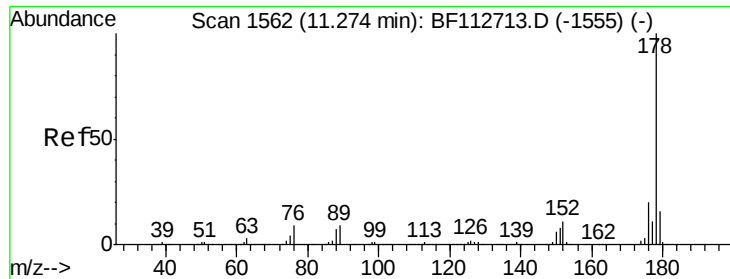
Tot Ion:200 Resp: 174221
 Ion Ratio Lower Upper
 200 100
 173 26.7 9.1 49.1
 215 52.1 28.2 68.2



#70
 Pentachlorophenol
 Concen: 41.587 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion:266 Resp: 126817
 Ion Ratio Lower Upper
 266 100
 268 67.0 53.3 79.9
 264 64.1 48.9 73.3

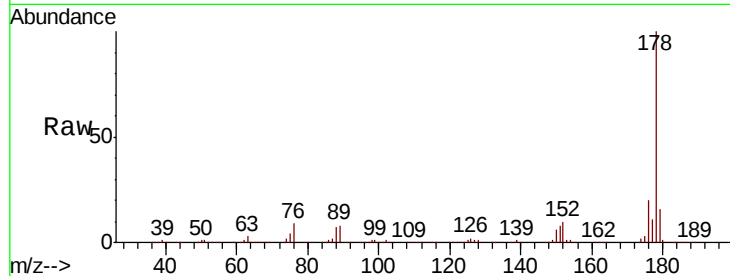




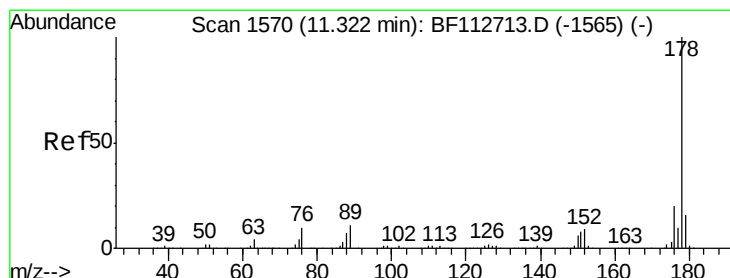
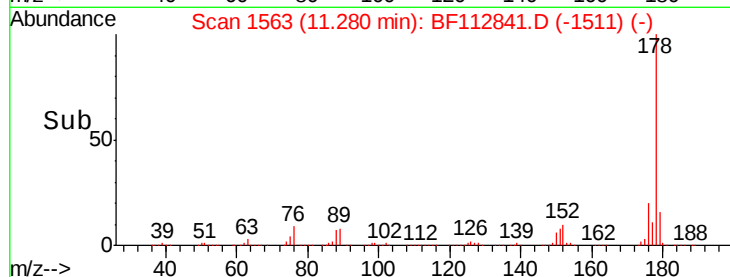
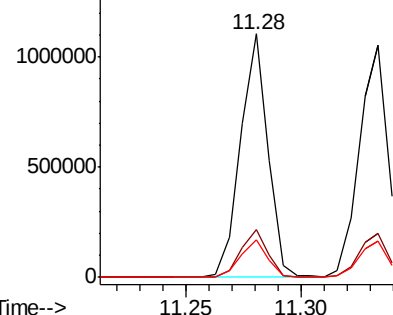
#71
 Phenanthrene
 Concen: 42.305 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 918478
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.3 24.5
 179 15.6 12.7 19.1

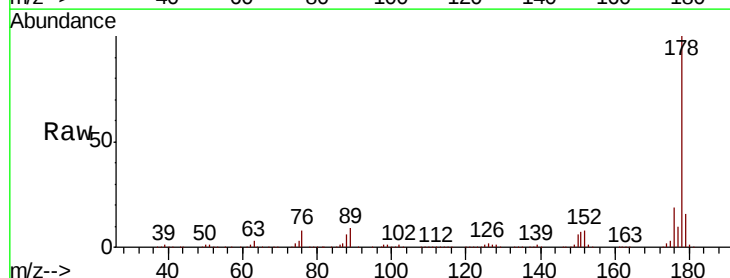


Abundance Ion 178.00 (177.70 to 178.70): E
 1500000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

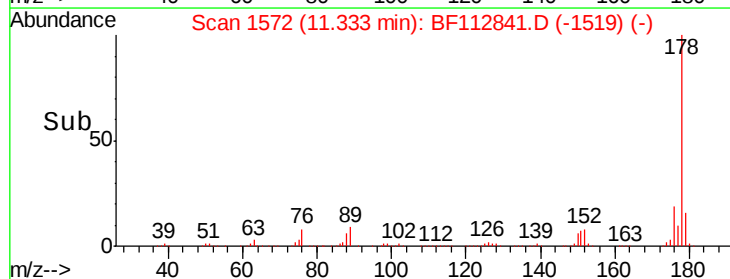
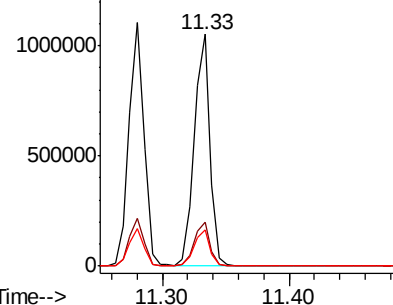


#72
 Anthracene
 Concen: 40.453 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion:178 Resp: 919362
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 1500000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

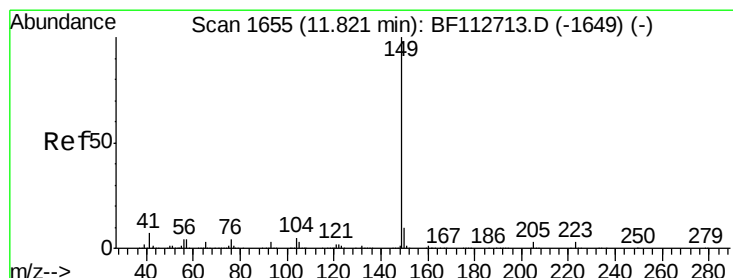
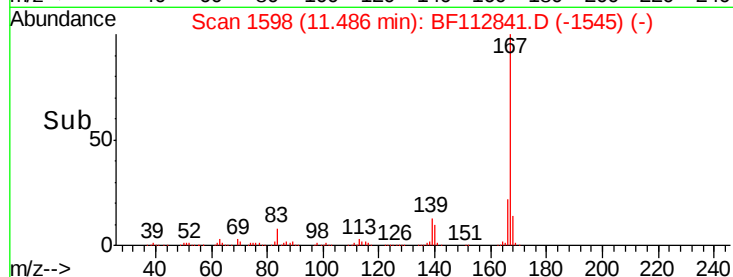
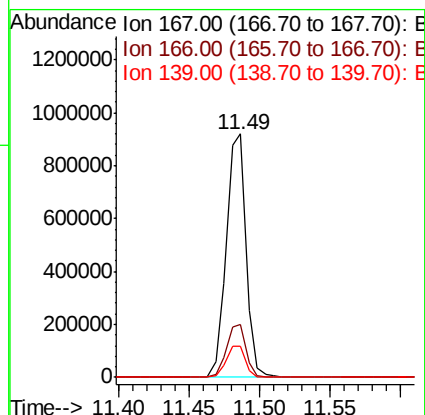
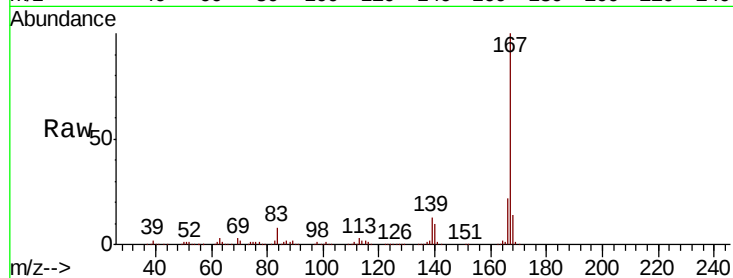




#73
 Carbazole
 Concen: 40.293 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

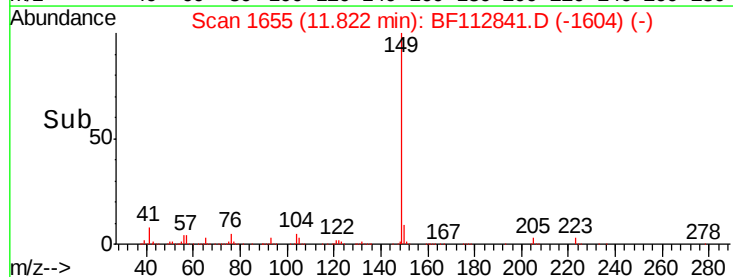
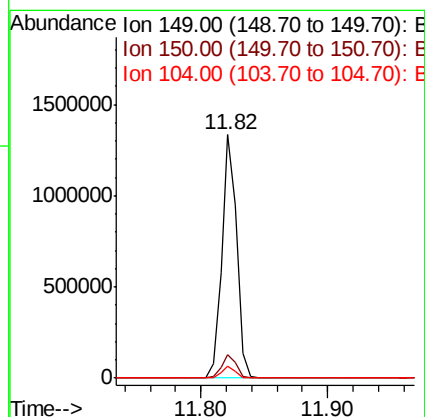
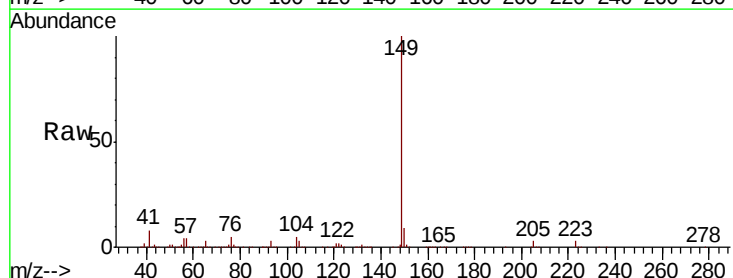
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

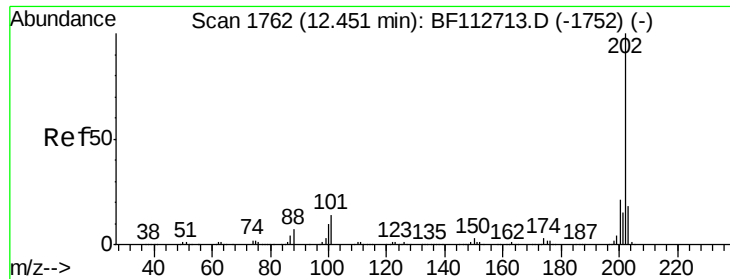
Tot Ion:167 Resp: 893295
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.313 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112841.D
 Acq: 5 Mar 2019 2:06

Tgt Ion:149 Resp: 1098224
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 43.307 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

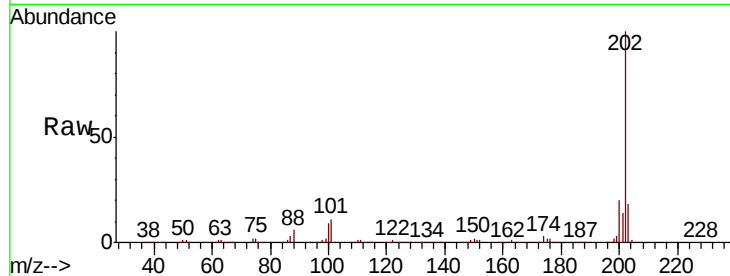
Tot Ion:202 Resp: 1007334

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.8

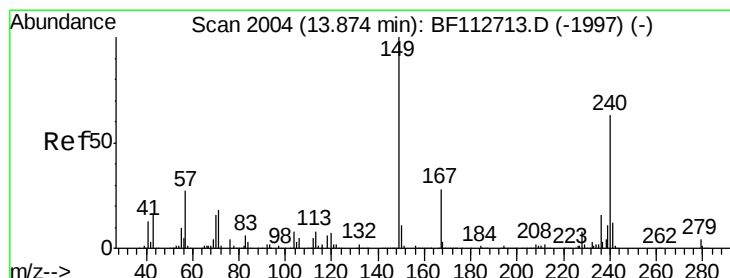
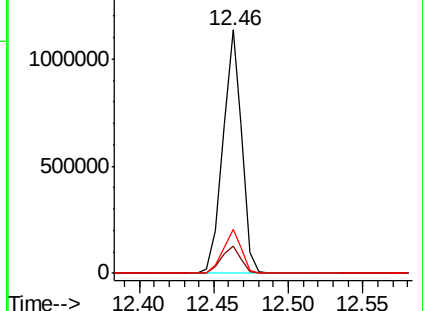
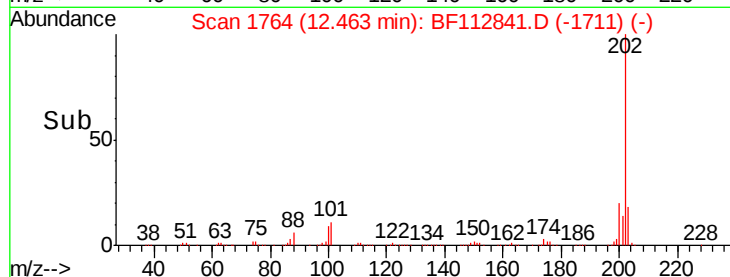
203 18.0 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

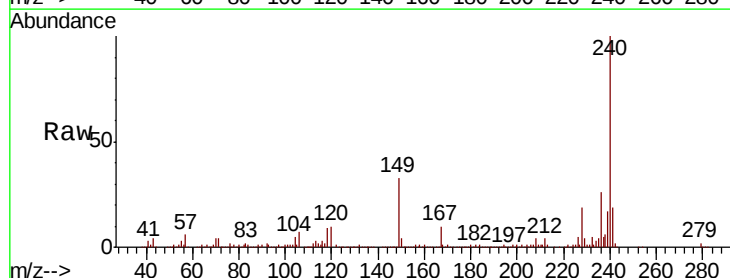
Tgt Ion:240 Resp: 331411

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

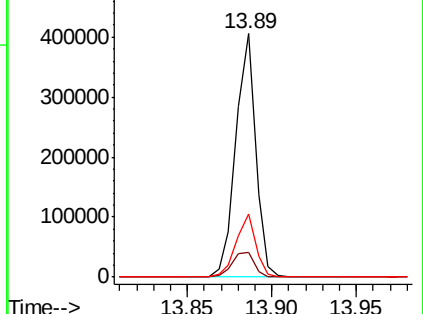
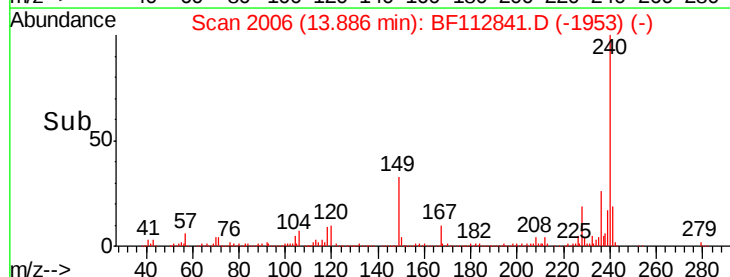
236 25.8 20.7 31.1

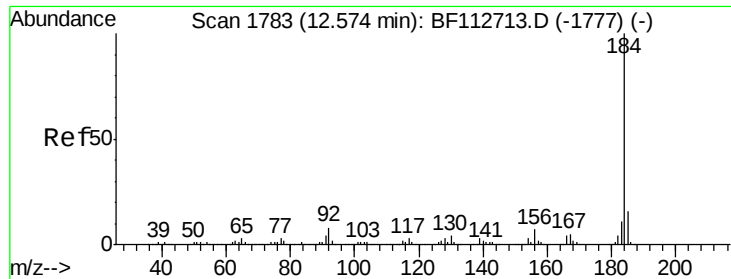


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

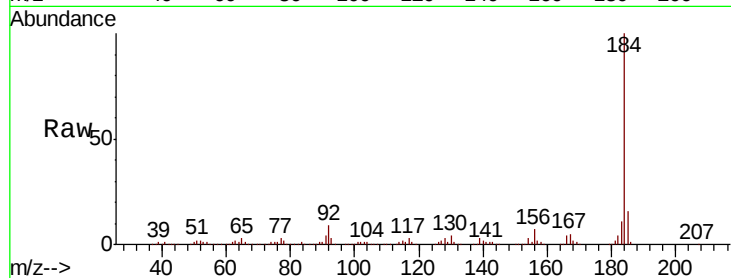




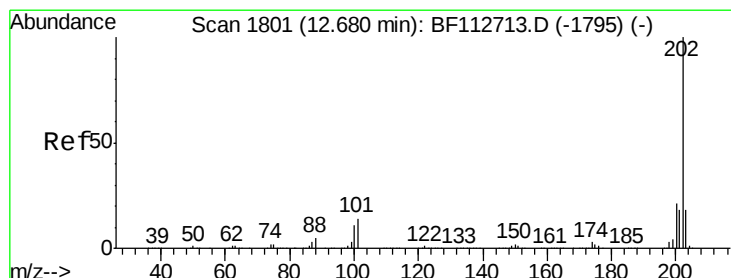
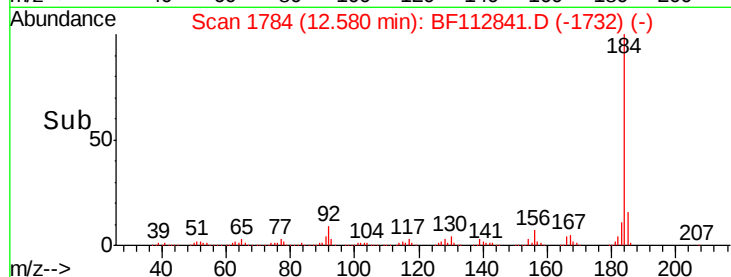
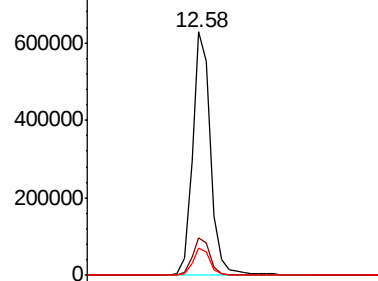
#77
Benzidine
Concen: 36.389 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 625671
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 11.3 8.6 12.8

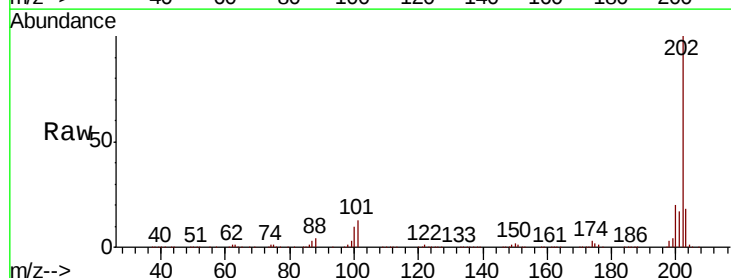


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

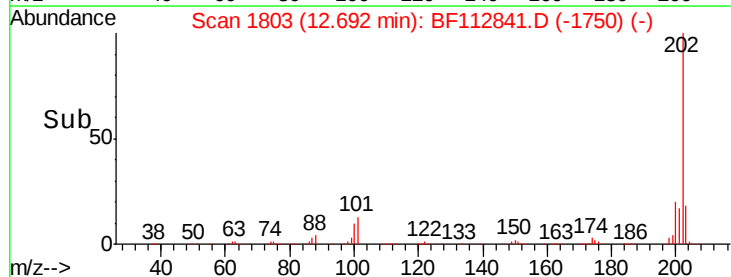
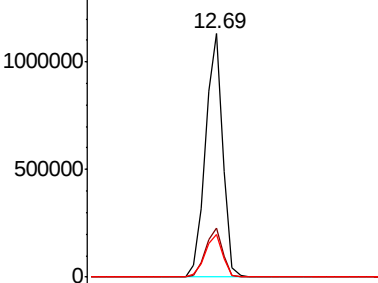


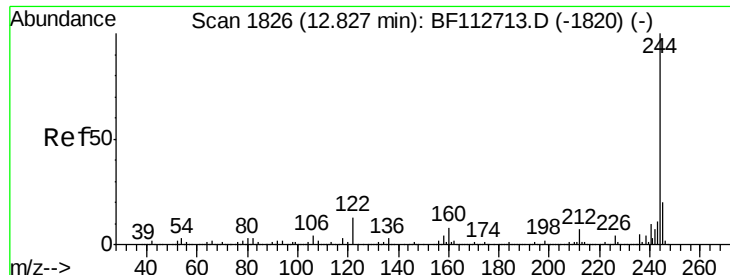
#78
Pyrene
Concen: 36.933 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:202 Resp: 1031860
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.4
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.534 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

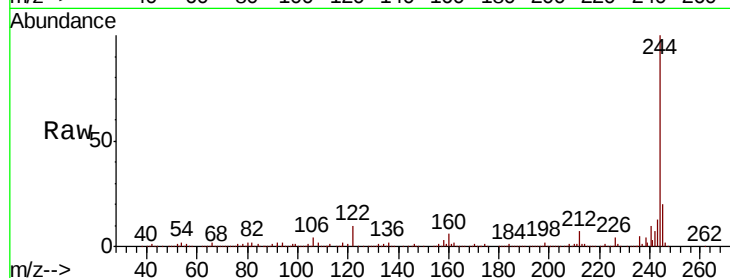
Tot Ion:244 Resp: 1342635

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

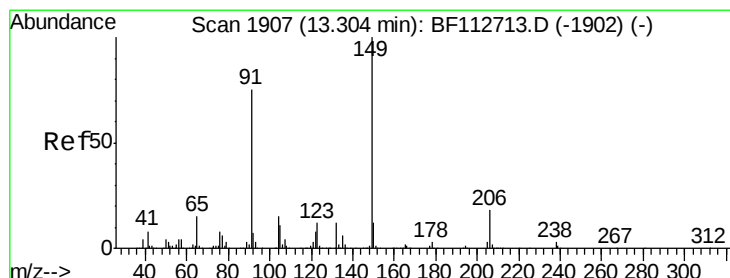
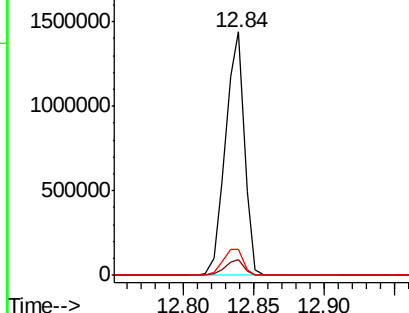
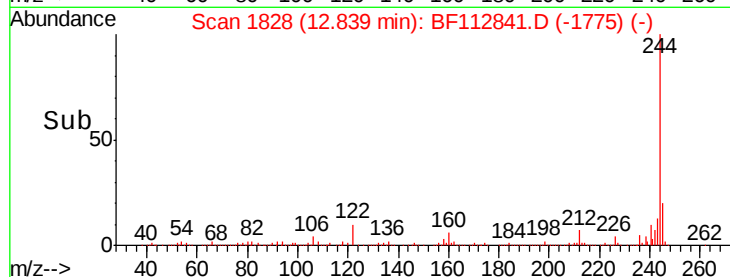
122 10.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.192 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

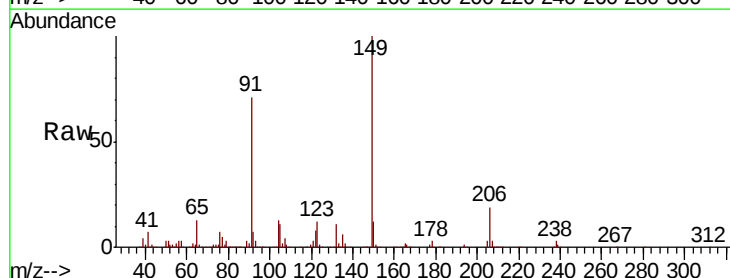
Tgt Ion:149 Resp: 470992

Ion Ratio Lower Upper

149 100

91 70.9 59.9 89.9

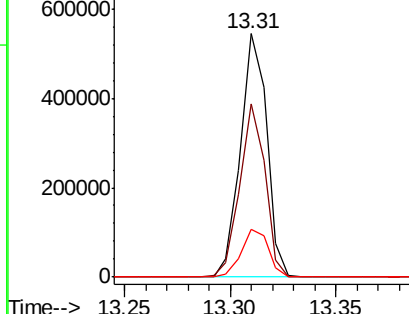
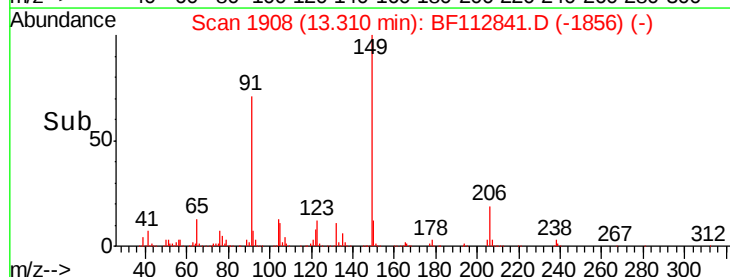
206 19.5 14.7 22.1

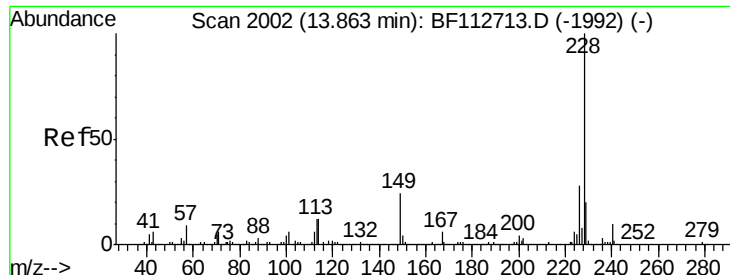


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.374 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

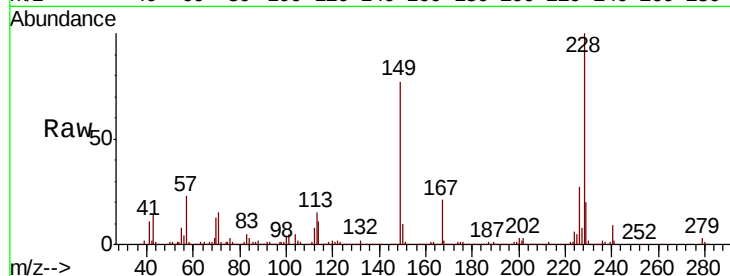
Tot Ion:228 Resp: 835479

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

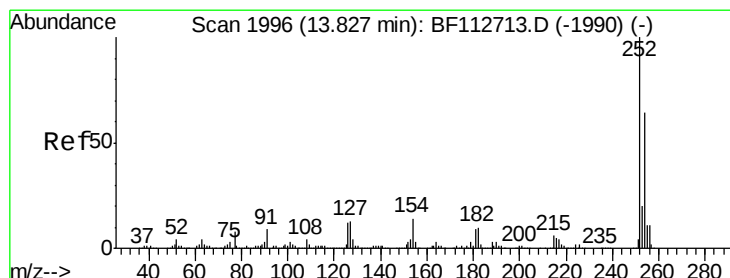
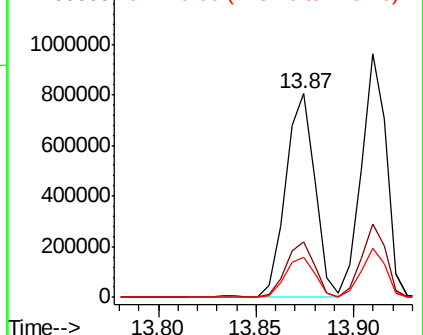
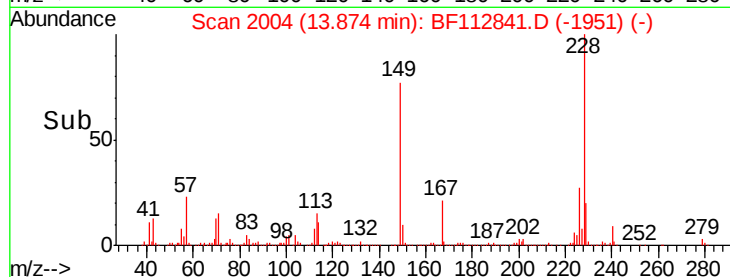
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.481 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

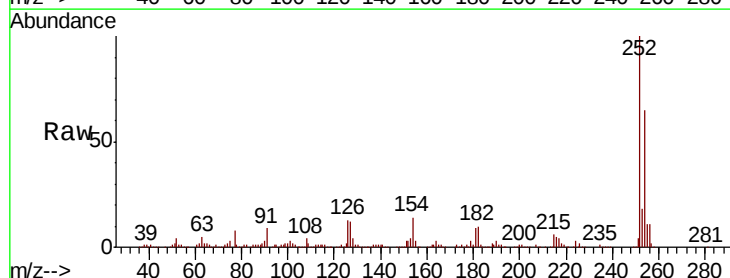
Tgt Ion:252 Resp: 369035

Ion Ratio Lower Upper

252 100

254 65.4 51.1 76.7

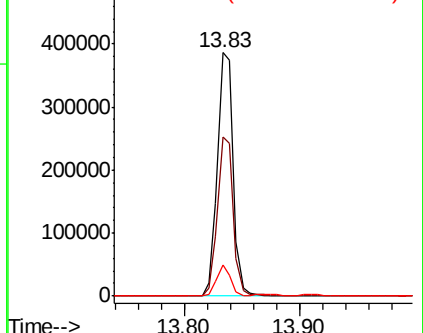
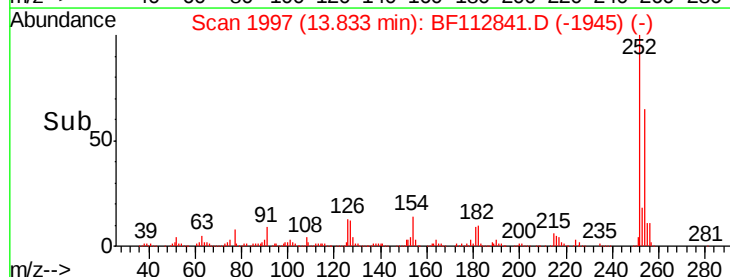
126 12.9 9.9 14.9

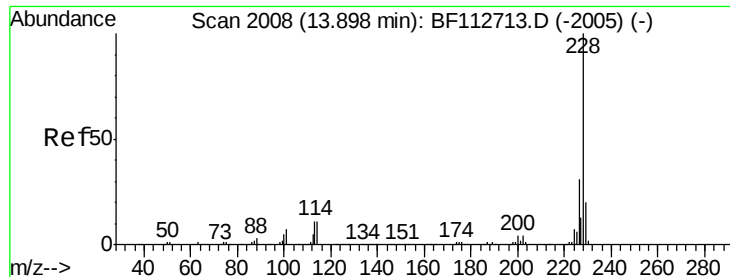


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.671 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

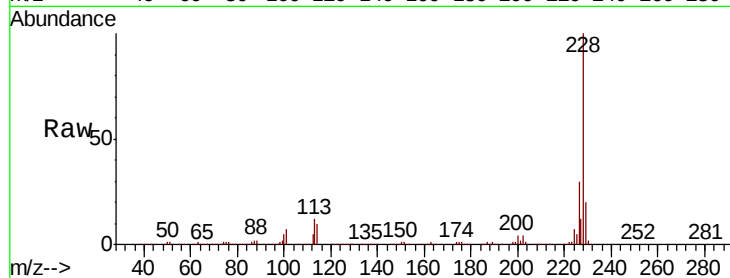
Tot Ion:228 Resp: 847546

Ion Ratio Lower Upper

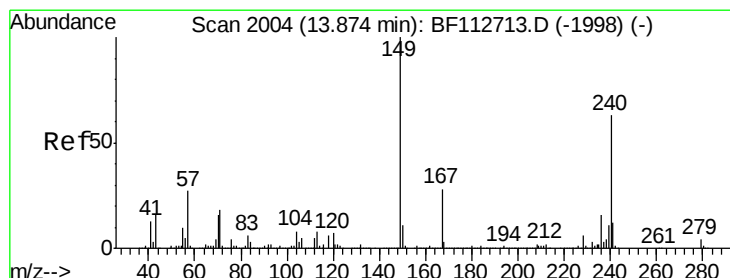
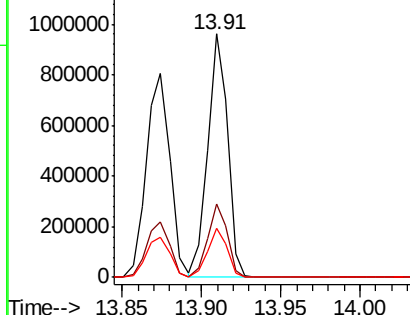
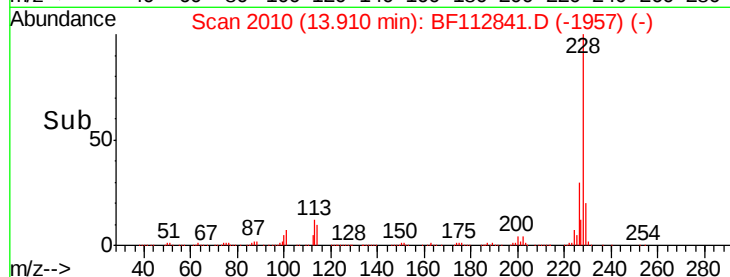
228 100

226 30.3 24.9 37.3

229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.345 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

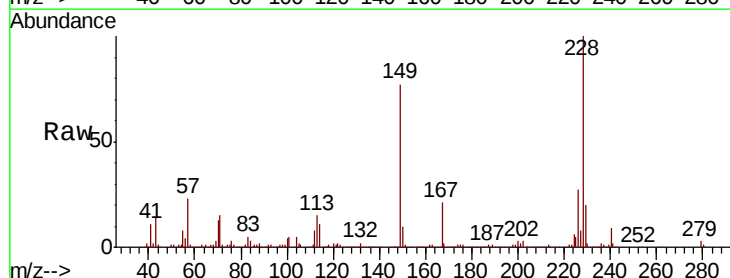
Tgt Ion:149 Resp: 583599

Ion Ratio Lower Upper

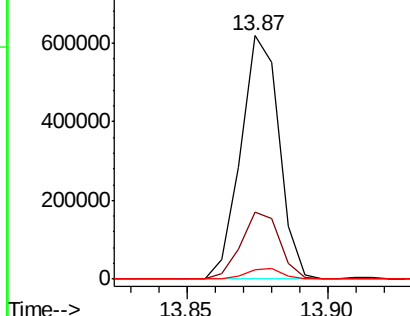
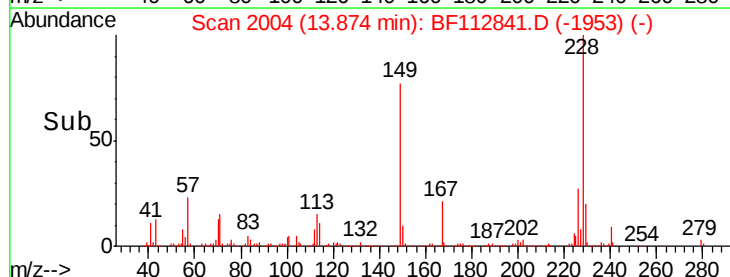
149 100

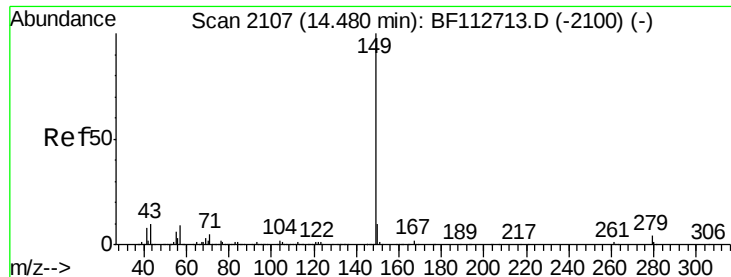
167 27.5 22.4 33.6

279 3.6 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.785 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

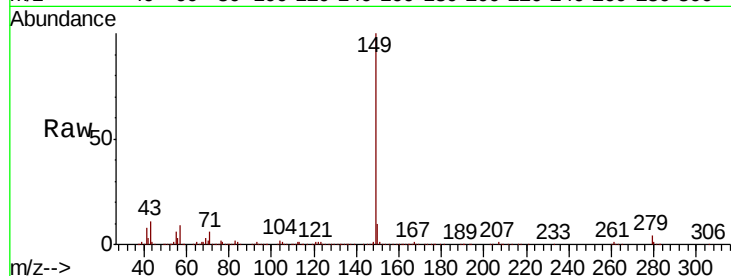
Tot Ion:149 Resp: 1062718

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

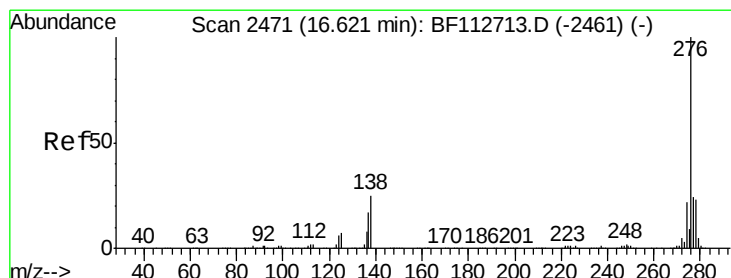
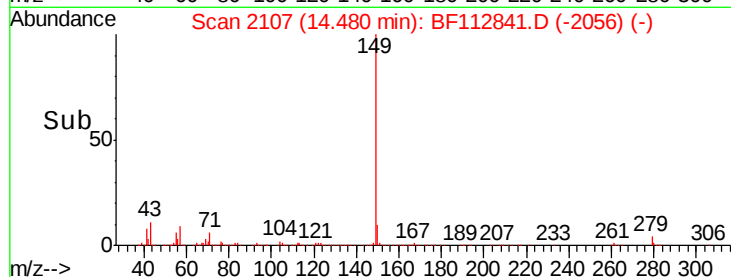
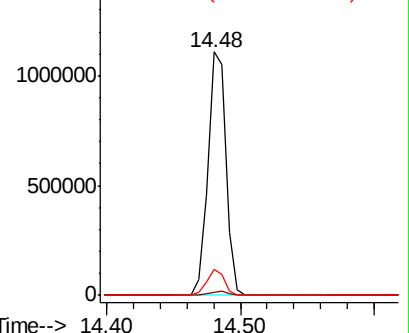
43 10.0 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.532 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.04 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

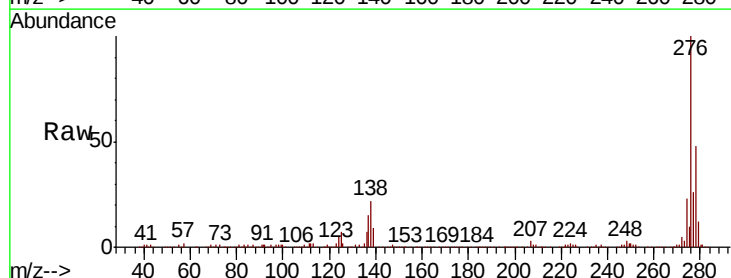
Tgt Ion:276 Resp: 623996

Ion Ratio Lower Upper

276 100

138 23.8 23.2 34.8

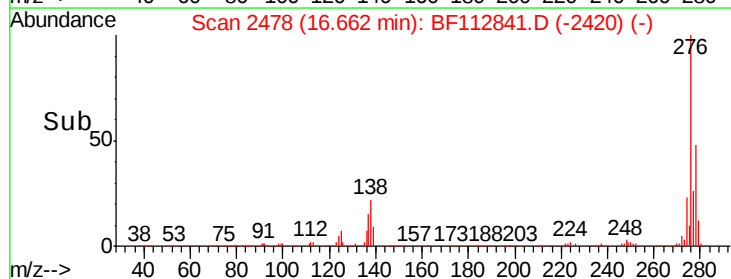
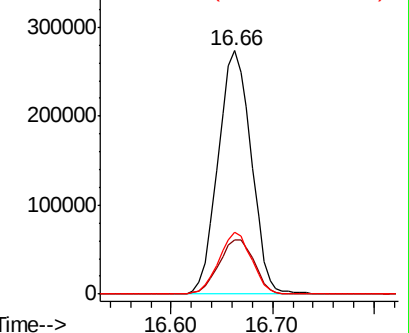
277 25.2 19.9 29.9

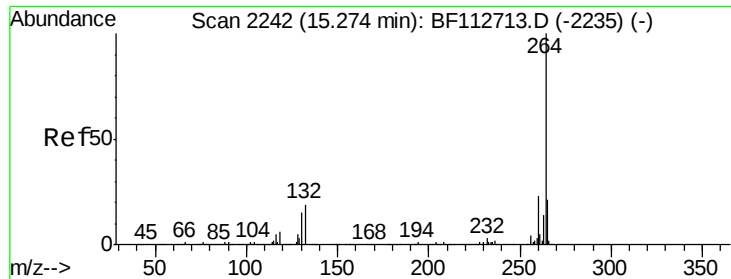


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

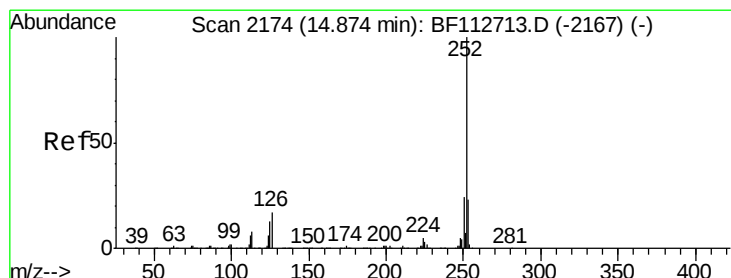
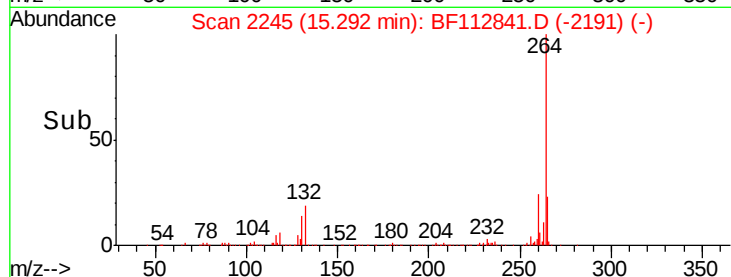
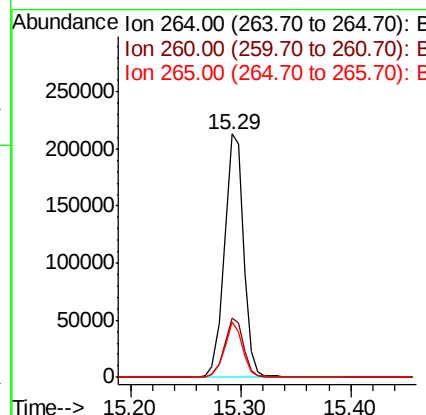
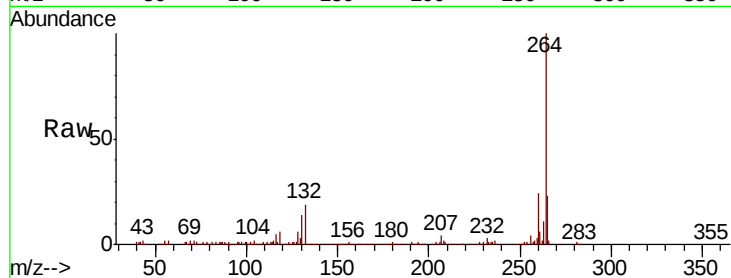




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

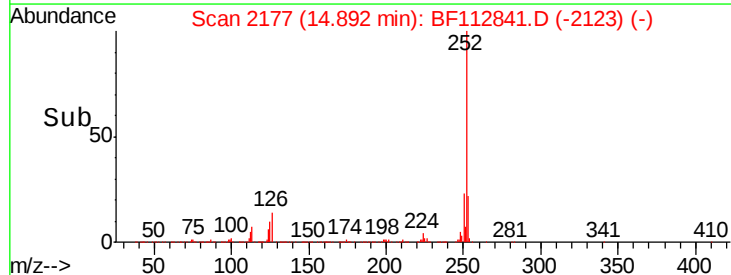
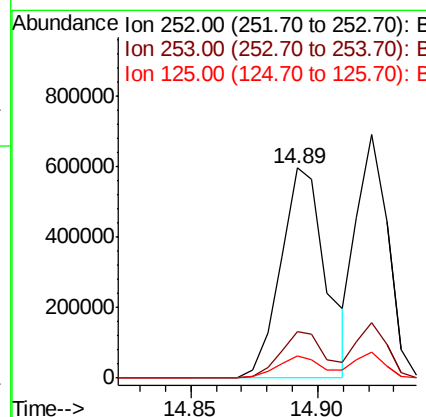
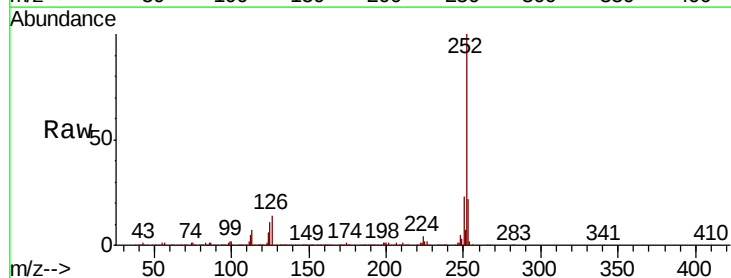
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

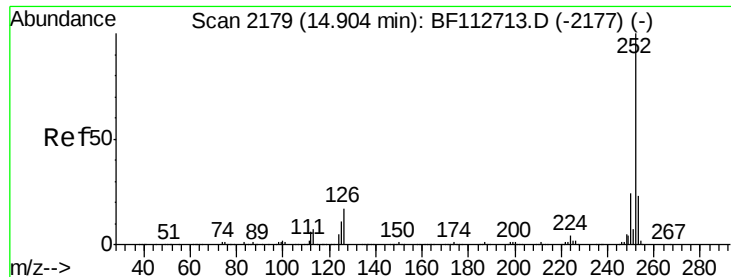
Tot Ion:264 Resp: 258832
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 22.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 44.231 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:252 Resp: 740522
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.6 10.2 15.2

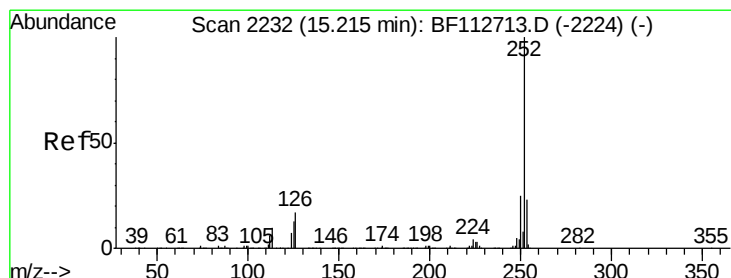
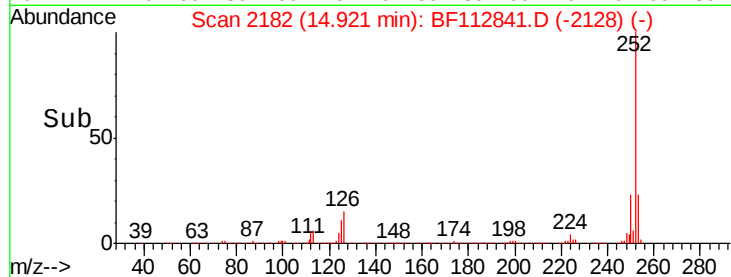
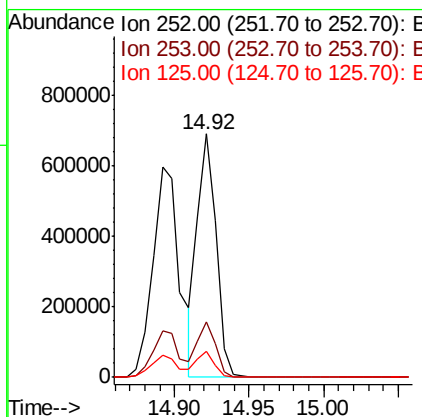
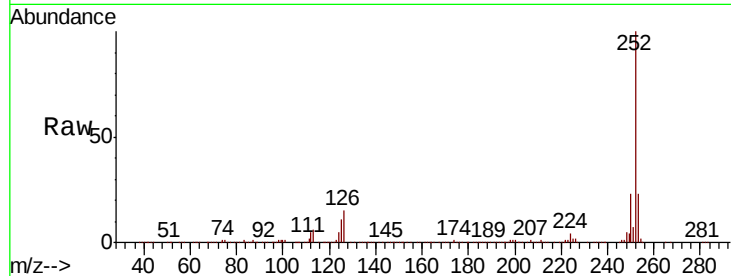




#89
Benzo(k)fluoranthene
Concen: 39.382 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

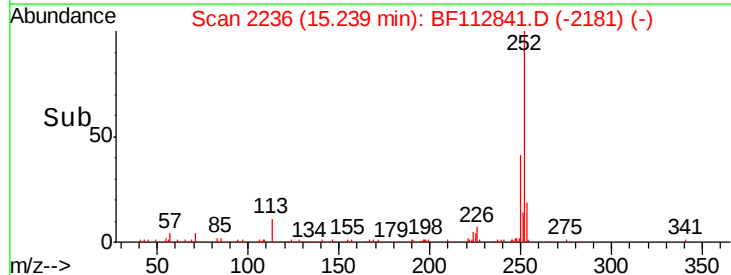
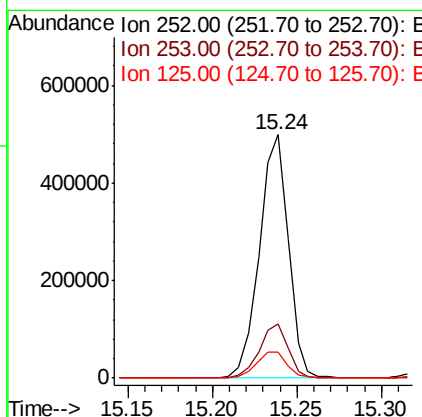
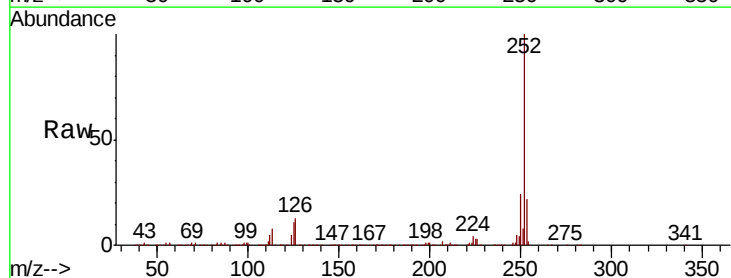
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

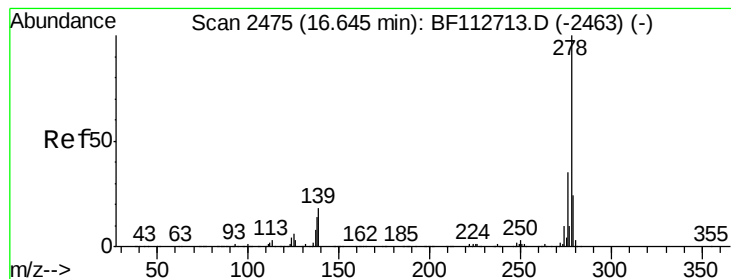
Tot Ion:252 Resp: 597221
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.6 9.8 14.6



#90
Benzo(a)pyrene
Concen: 40.093 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.02 min
Lab File: BF112841.D
Acq: 5 Mar 2019 2:06

Tgt Ion:252 Resp: 593712
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.6 10.7 16.1#





#91

Dibenzo(a,h)anthracene

Concen: 41.234 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.03 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

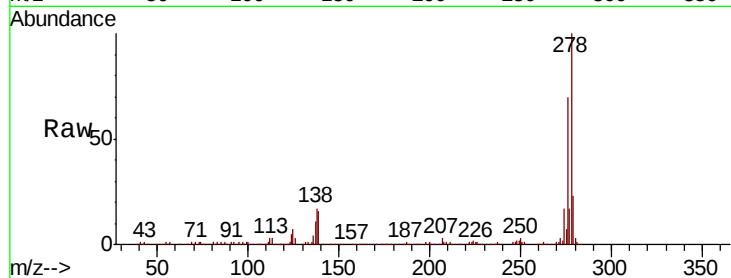
Tot Ion:278 Resp: 521049

Ion Ratio Lower Upper

278 100

139 15.6 14.3 21.5

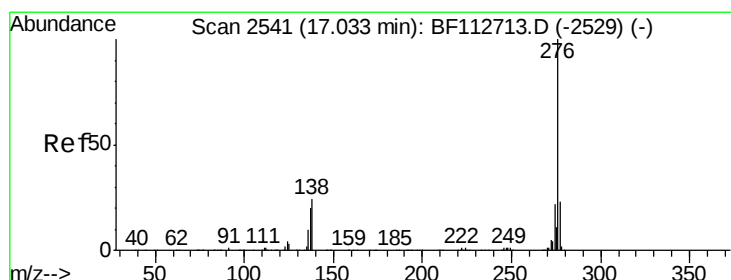
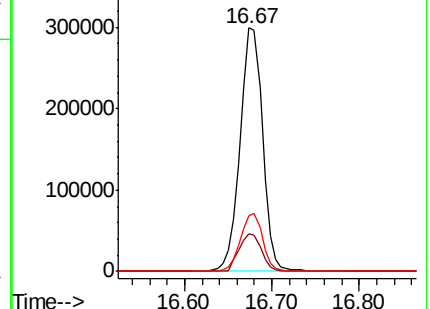
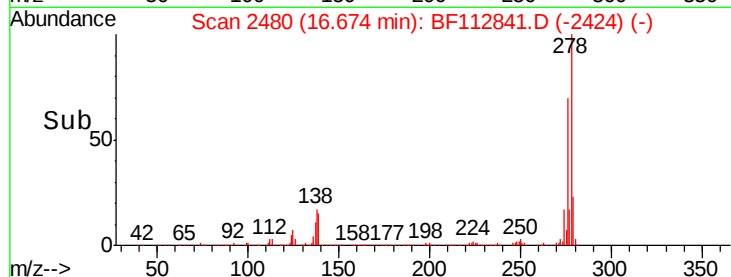
279 22.9 19.4 29.0



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



#92

Benzo(g,h,i)perylene

Concen: 39.581 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF112841.D

Acq: 5 Mar 2019 2:06

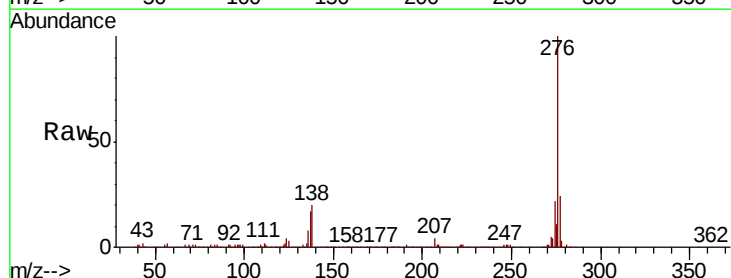
Tgt Ion:276 Resp: 502230

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 19.9 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

