

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113298.D
 Acq On : 26 Mar 2019 18:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 27 05:00:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161158	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	622178	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	320249	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	652121	20.00	ng	0.00
76) Chrysene-d12	13.84	240	528020	20.00	ng	0.00
87) Perylene-d12	15.24	264	496786	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	737728	74.85	ng	0.00
7) Phenol-d6	6.35	99	946705	75.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	865925	82.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	326673	82.58	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1672494	81.03	ng	0.00
79) Terphenyl-d14	12.79	244	1865647	77.88	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.37	88	195925	39.180 ng	99
3) Pyridine	3.07	79	504287	40.907 ng	98
4) n-Nitrosodimethylamine	3.01	42	202899	37.023 ng	95
6) Aniline	6.37	93	597991	39.384 ng	# 84
8) 2-Chlorophenol	6.49	128	449396	39.264 ng	97
9) Benzaldehyde	6.25	77	333348	39.842 ng	99
10) Phenol	6.36	94	546683	38.406 ng	99
11) bis(2-Chloroethyl)ether	6.44	93	418296	38.336 ng	97
12) 1,3-Dichlorobenzene	6.65	146	472782	38.321 ng	99
13) 1,4-Dichlorobenzene	6.72	146	479197	40.228 ng	99
14) 1,2-Dichlorobenzene	6.87	146	453191	38.671 ng	99
15) Benzyl Alcohol	6.85	79	347664	42.266 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	676582	41.276 ng	97
17) 2-Methylphenol	6.97	107	363076	40.478 ng	97
18) Hexachloroethane	7.22	117	166262	38.860 ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	279443	35.680 ng	97
20) 3+4-Methylphenols	7.13	107	411073	38.881 ng	94
22) Acetophenone	7.12	105	553063	38.978 ng	# 99
24) Nitrobenzene	7.29	77	454190	41.522 ng	95
25) Isophorone	7.53	82	818440	40.288 ng	98
26) 2-Nitrophenol	7.60	139	243917	42.186 ng	98
27) 2,4-Dimethylphenol	7.65	122	347364	41.764 ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	532186	41.600 ng	99
29) 2,4-Dichlorophenol	7.85	162	367612	40.786 ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	394931	40.613 ng	98
31) Naphthalene	8.01	128	1252780	41.204 ng	99
32) Benzoic acid	7.79	122	282436	42.186 ng	98
33) 4-Chloroaniline	8.06	127	511034	43.103 ng	99
34) Hexachlorobutadiene	8.13	225	243049	42.053 ng	98
35) Caprolactam	8.44	113	130142	44.990 ng	96
36) 4-Chloro-3-methylphenol	8.55	107	400763	44.207 ng	98
37) 2-Methylnaphthalene	8.70	142	842922	44.431 ng	99
38) 1-Methylnaphthalene	8.80	142	824113	45.162 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	411878	40.066 ng	99

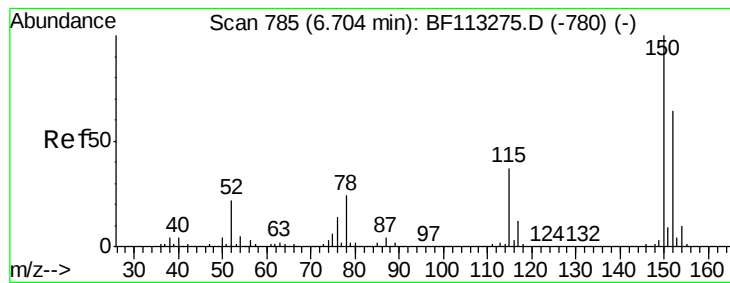
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	162268	37.292	ng	96
43) 2,4,6-Trichlorophenol	8.98	196	271043	40.489	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	300414	40.550	ng	97
46) 1,1'-Biphenyl	9.16	154	1072294	40.090	ng	100
47) 2-Chloronaphthalene	9.19	162	824092	40.016	ng	99
48) 2-Nitroaniline	9.28	65	271302	41.979	ng	95
49) Acenaphthylene	9.60	152	1368644	41.102	ng	99
50) Dimethylphthalate	9.46	163	968110	40.792	ng	100
51) 2,6-Dinitrotoluene	9.53	165	224400	41.912	ng	90
52) Acenaphthene	9.77	154	768973	41.007	ng	99
53) 3-Nitroaniline	9.69	138	259705	43.012	ng	91
54) 2,4-Dinitrophenol	9.80	184	105457	39.602	ng	91
55) Dibenzofuran	9.94	168	1149551	40.778	ng	100
56) 4-Nitrophenol	9.87	139	182634	42.427	ng	92
57) 2,4-Dinitrotoluene	9.93	165	290070	42.602	ng	99
58) Fluorene	10.28	166	878902	40.133	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	259445	41.412	ng	98
60) Diethylphthalate	10.16	149	922429	39.620	ng	98
61) 4-Chlorophenyl-phenylether	10.27	204	428495	40.146	ng	95
62) 4-Nitroaniline	10.30	138	269413	43.338	ng	98
63) Azobenzene	10.43	77	891804	40.692	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	143534	40.235	ng	94
66) n-Nitrosodiphenylamine	10.39	169	796495	39.804	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	288097	40.534	ng	95
68) Hexachlorobenzene	10.83	284	337588	40.919	ng	96
69) Atrazine	10.92	200	255579	40.465	ng	96
70) Pentachlorophenol	11.03	266	179142	41.677	ng	99
71) Phenanthrene	11.24	178	1323244	40.861	ng	100
72) Anthracene	11.29	178	1348382	40.991	ng	100
73) Carbazole	11.45	167	1312725	41.823	ng	100
74) Di-n-butylphthalate	11.78	149	1438882	39.531	ng	100
75) Fluoranthene	12.42	202	1446004	39.497	ng	99
77) Benzidine	12.54	184	837681	41.427	ng	98
78) Pyrene	12.64	202	1488839	40.690	ng	100
80) Butylbenzylphthalate	13.27	149	624416	38.722	ng	95
81) Benzo(a)anthracene	13.83	228	1220747	40.389	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	516057	42.560	ng	99
83) Chrysene	13.87	228	1255597	40.899	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	739620	37.414	ng	98
85) Di-n-octyl phthalate	14.43	149	1374847	40.972	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1097075	41.639	ng	98
88) Benzo(b)fluoranthene	14.84	252	1280429	41.491	ng	99
89) Benzo(k)fluoranthene	14.87	252	1016647	37.513	ng	99
90) Benzo(a)pyrene	15.19	252	1074942	39.291	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	901383	38.104	ng	100
92) Benzo(g,h,i)perylene	17.00	276	909989	38.151	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

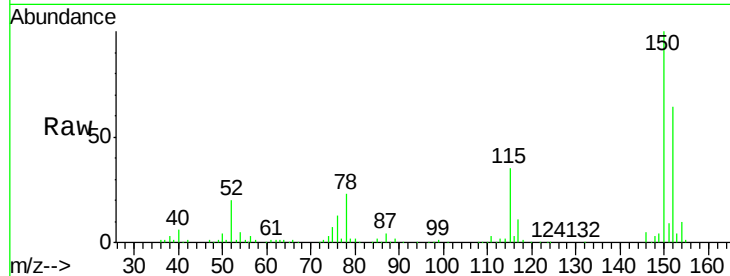
Tgt Ion:152 Resp: 161158

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

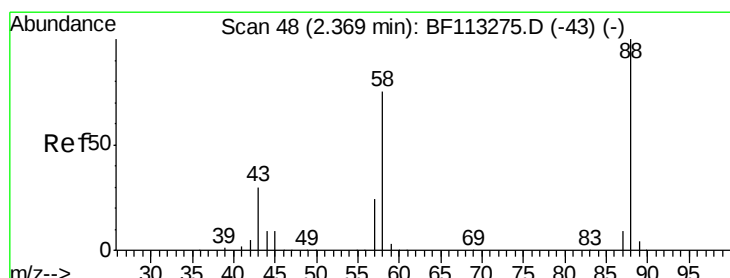
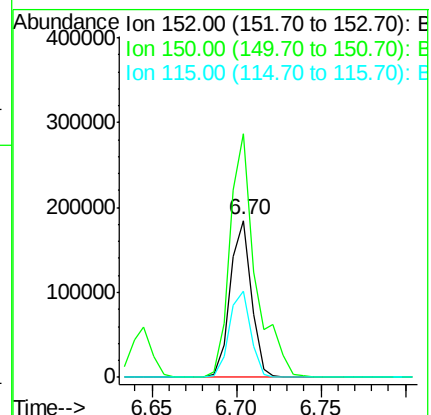
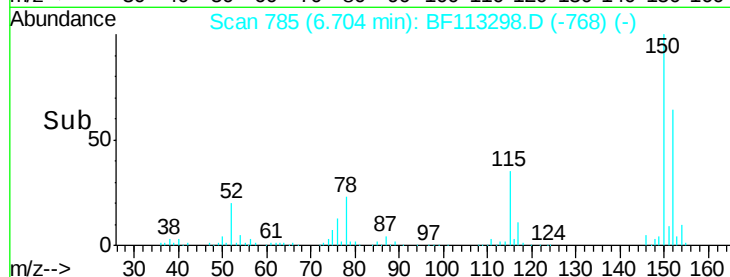
115 55.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.180 ng

RT: 2.37 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

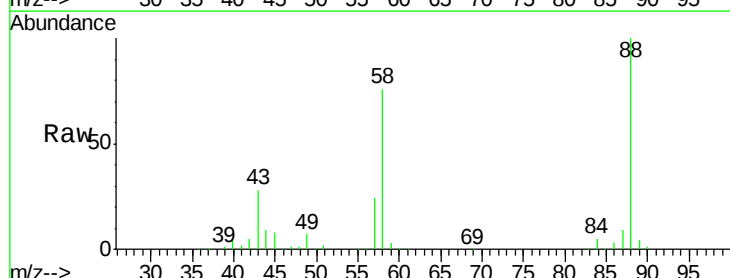
Tgt Ion: 88 Resp: 195925

Ion Ratio Lower Upper

88 100

58 76.9 61.9 92.9

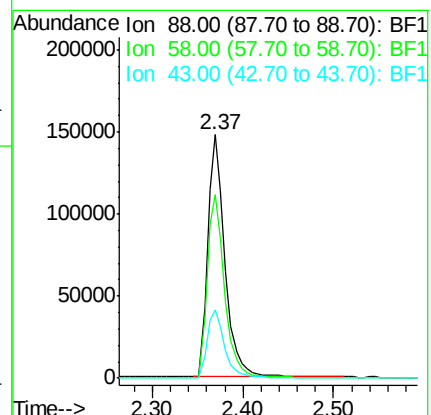
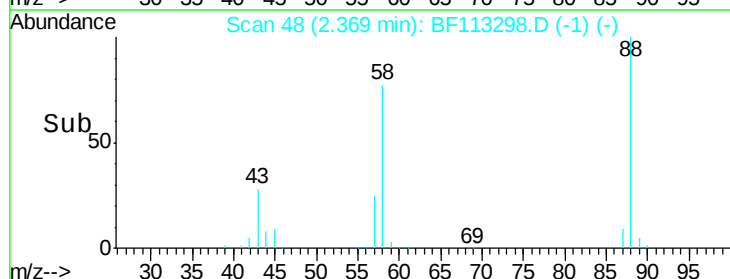
43 28.6 24.2 36.4

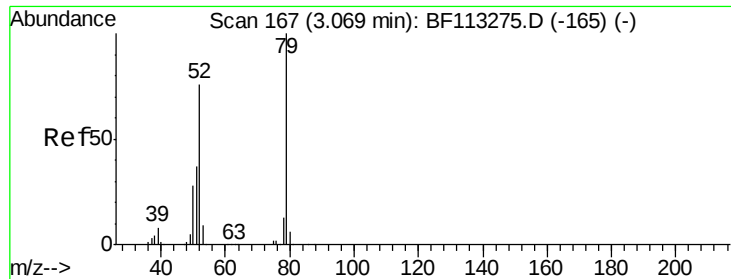


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 40.907 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

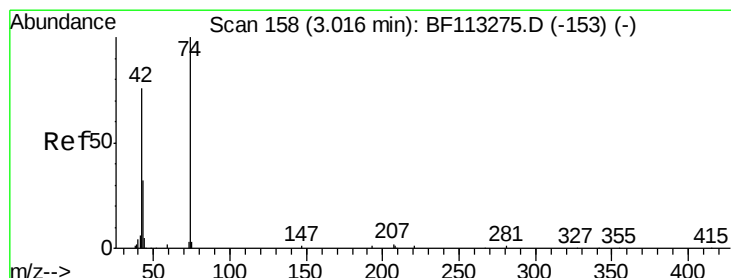
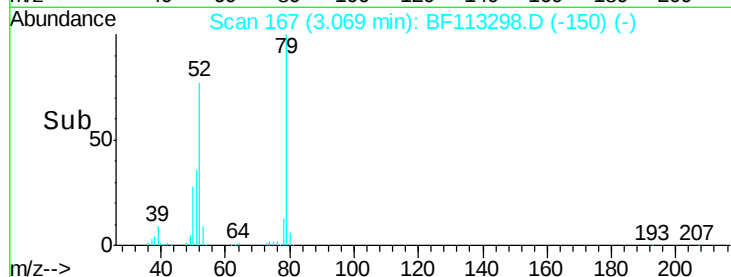
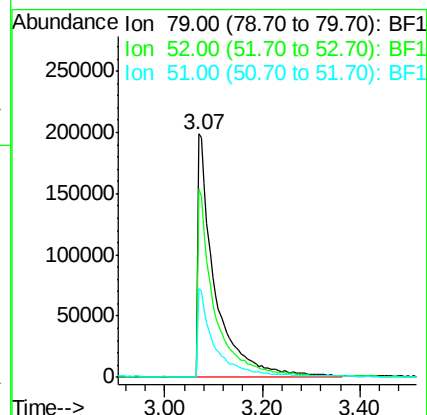
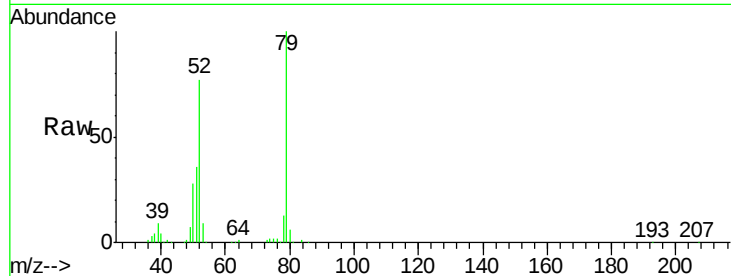
Tgt Ion: 79 Resp: 504287

Ion Ratio Lower Upper

79 100

52 77.2 61.0 91.4

51 36.5 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 37.023 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

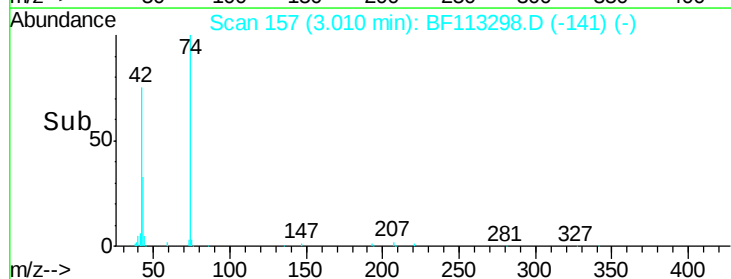
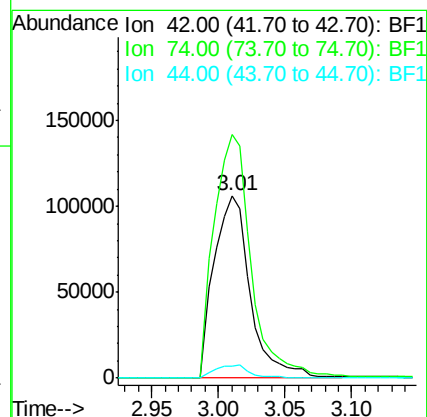
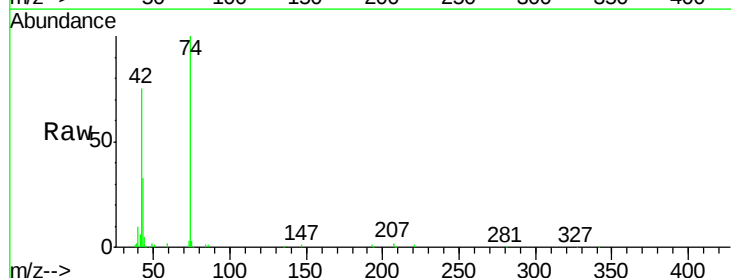
Tgt Ion: 42 Resp: 202899

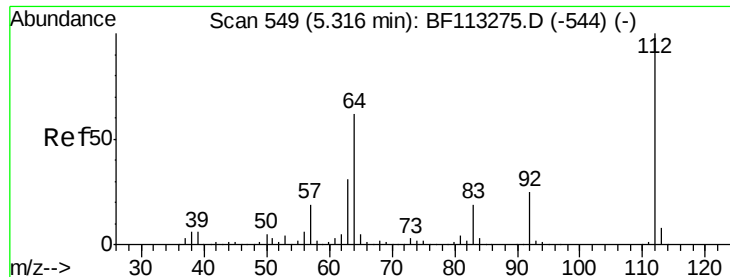
Ion Ratio Lower Upper

42 100

74 133.6 102.4 153.6

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 74.850 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

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ClientSampleId :

SSTDCCC040

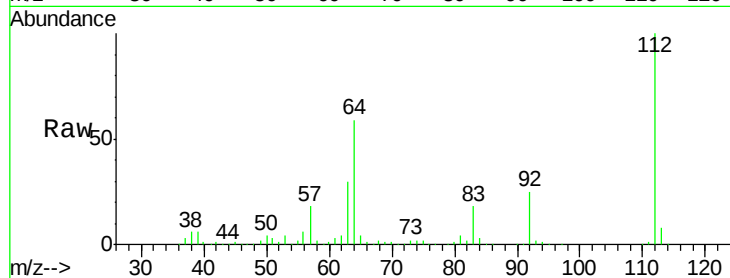
Tgt Ion: 112 Resp: 737728

Ion Ratio Lower Upper

112 100

64 58.6 49.2 73.8

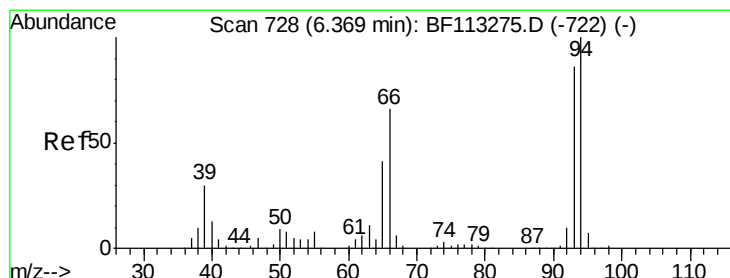
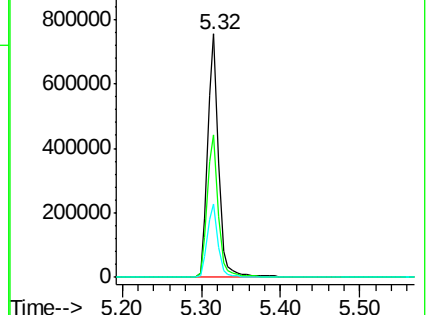
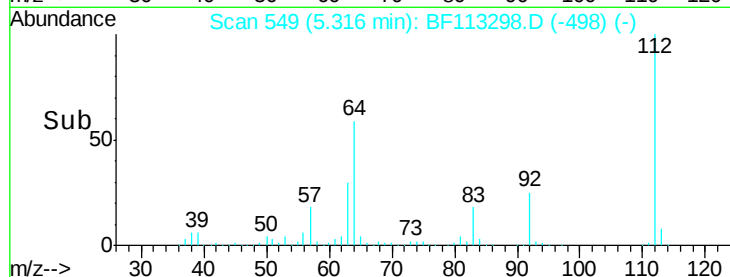
63 30.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.384 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

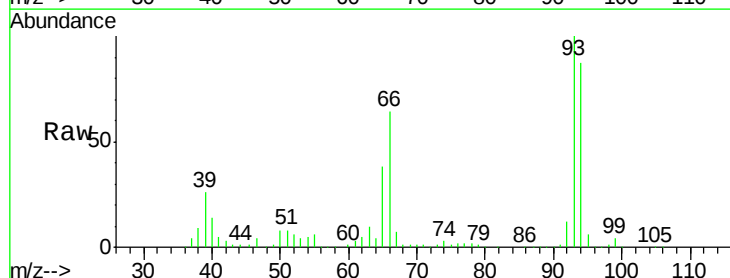
Tgt Ion: 93 Resp: 597991

Ion Ratio Lower Upper

93 100

66 64.0 62.1 93.1

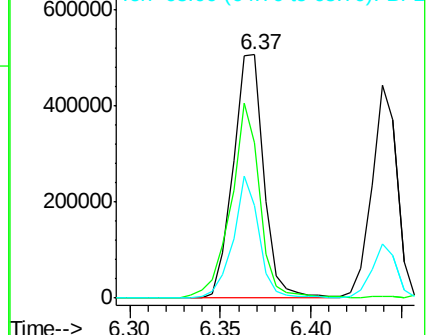
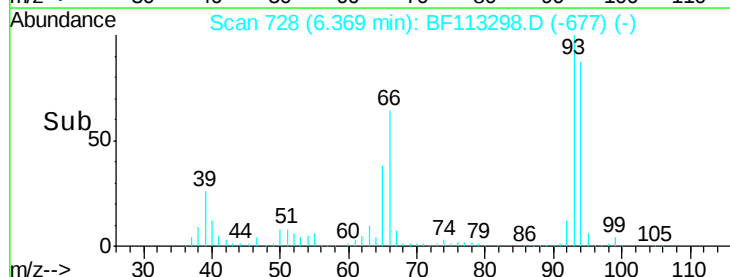
65 38.1 38.7 58.1#

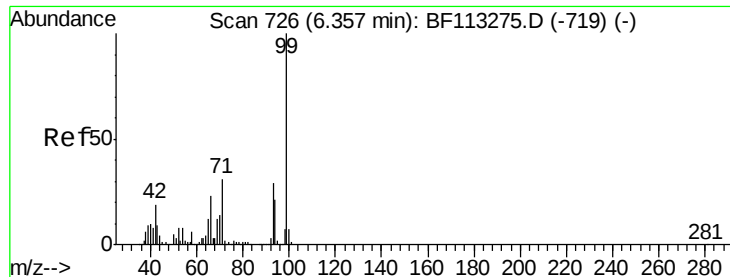


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.928 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

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ClientSampleId :

SSTDCCC040

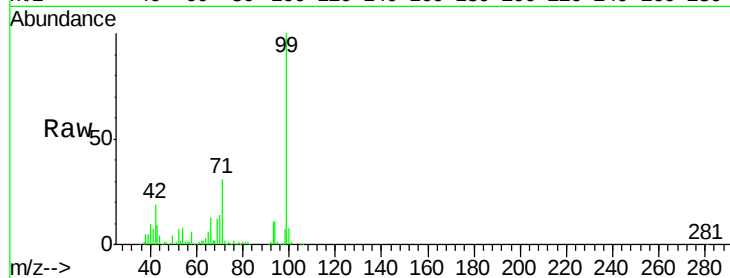
Tgt Ion: 99 Resp: 946705

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

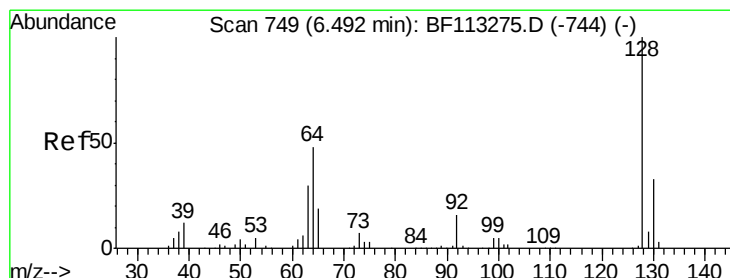
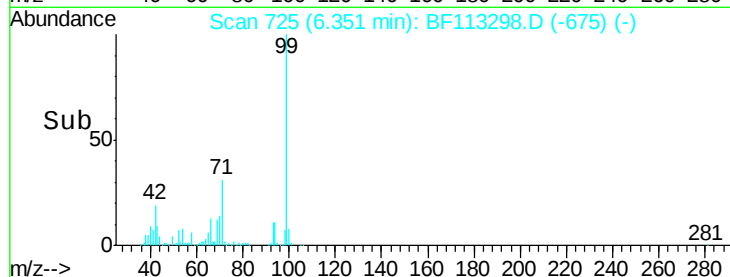
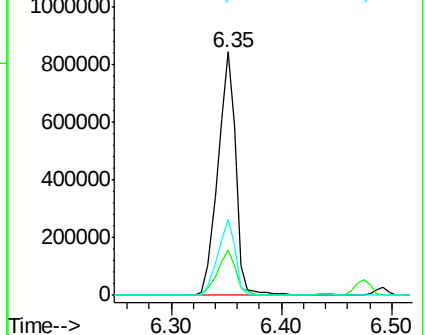
71 31.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.264 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

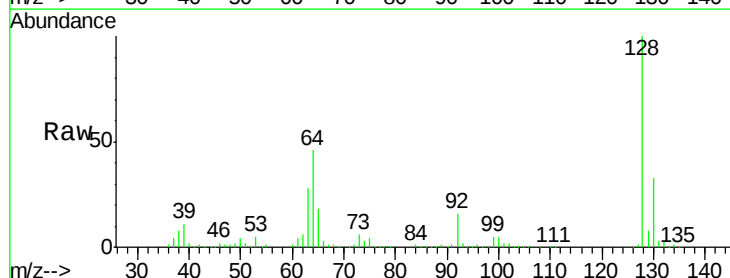
Tgt Ion: 128 Resp: 449396

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

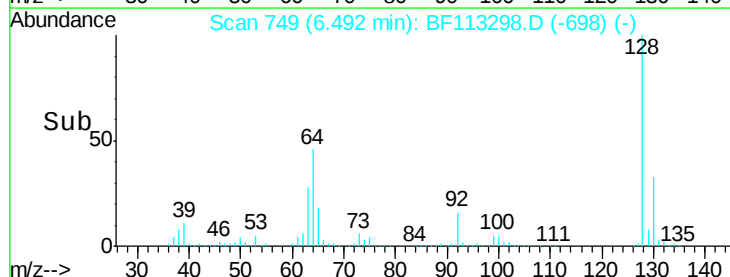
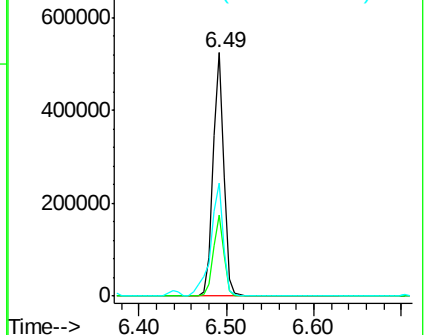
64 46.4 29.4 69.4

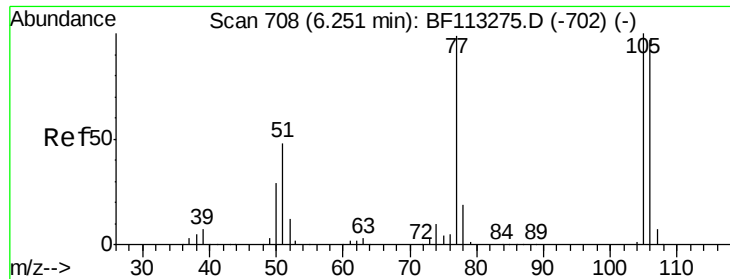


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.842 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

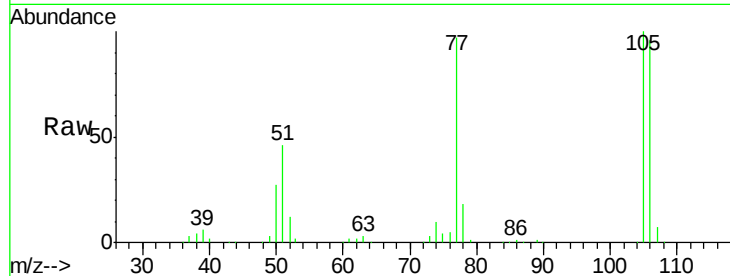
Tgt Ion: 77 Resp: 333348

Ion Ratio Lower Upper

77 100

105 102.7 80.9 120.9

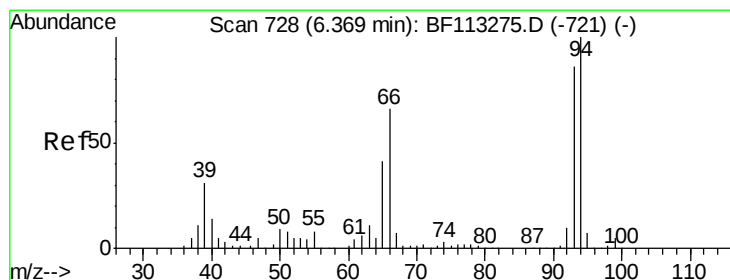
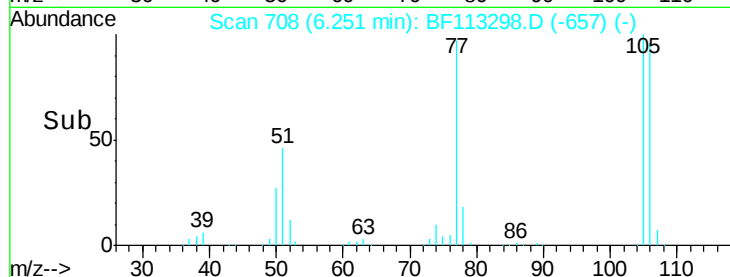
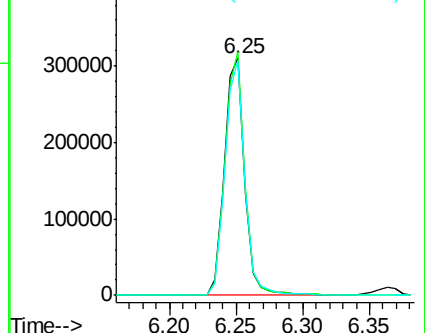
106 98.9 77.8 117.8



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: 38.406 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

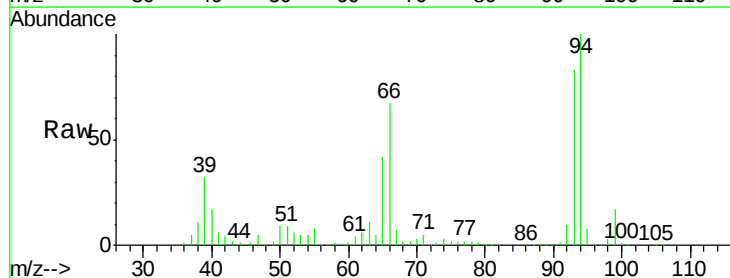
Tgt Ion: 94 Resp: 546683

Ion Ratio Lower Upper

94 100

65 41.9 21.4 61.4

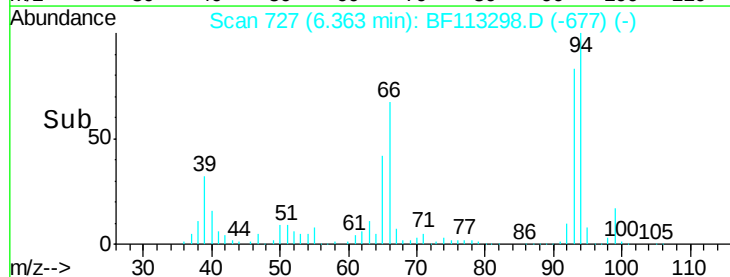
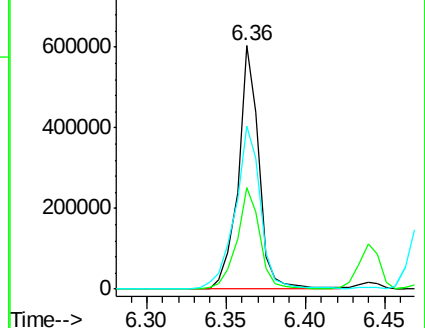
66 67.0 46.4 86.4

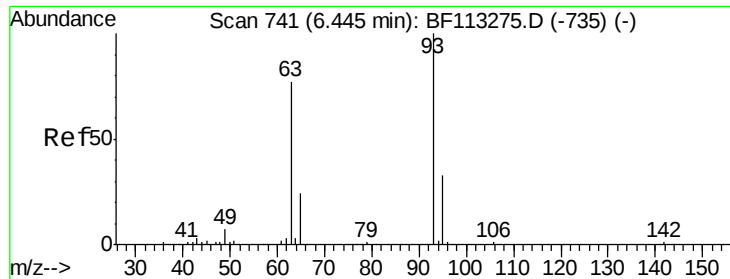


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

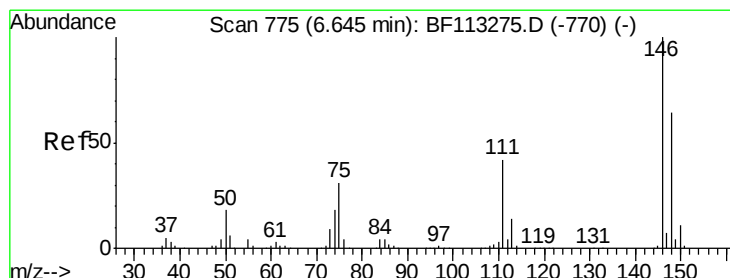
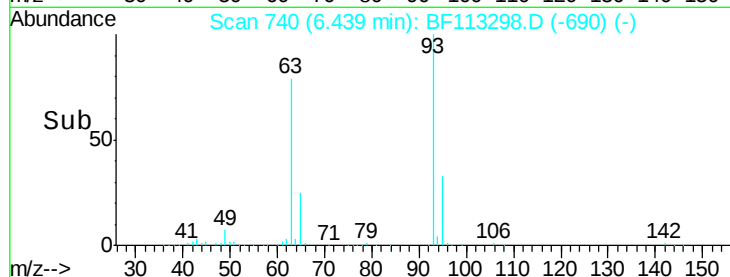
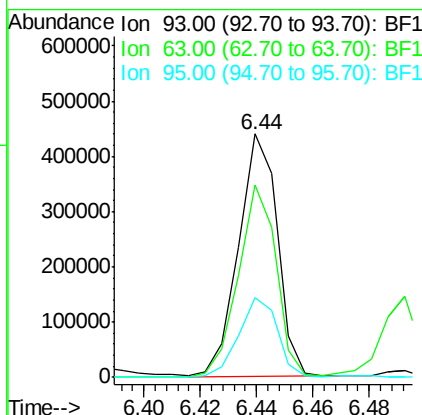
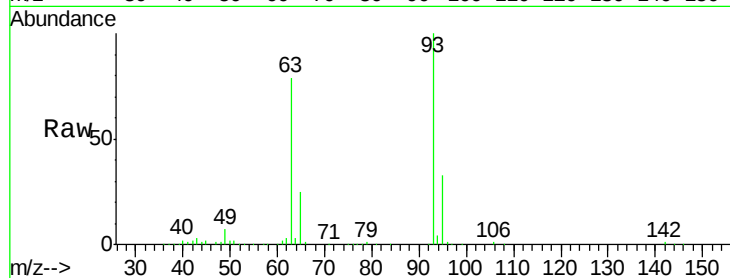




#11
 bis(2-Chloroethyl)ether
 Concen: 38.336 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

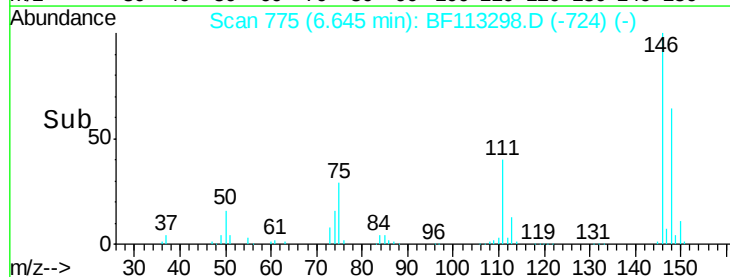
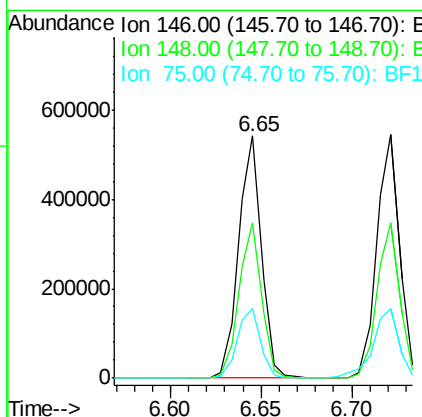
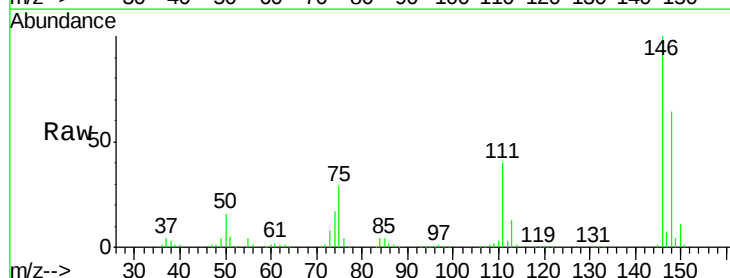
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

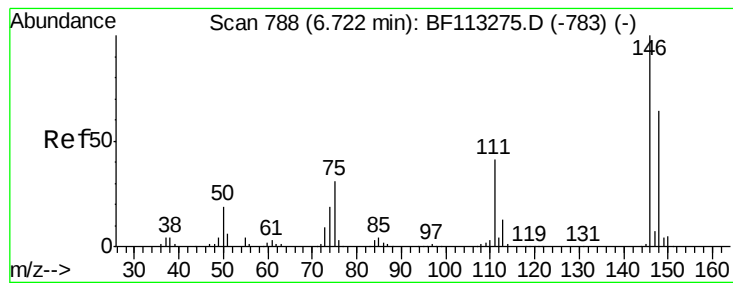
Tgt Ion: 93 Resp: 418296
 Ion Ratio Lower Upper
 93 100
 63 79.3 56.1 96.1
 95 32.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.321 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion: 146 Resp: 472782
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 75 29.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 40.228 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

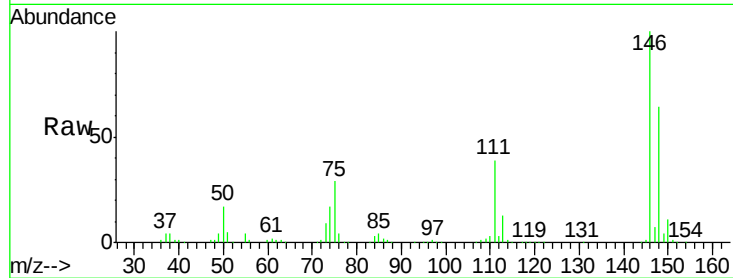
Tgt Ion:146 Resp: 479197

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

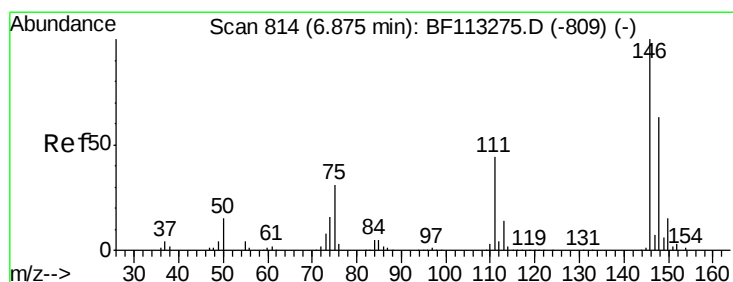
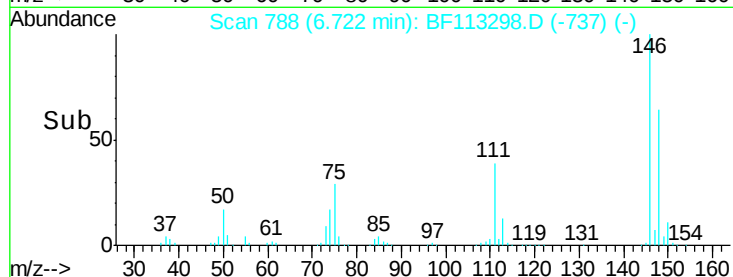
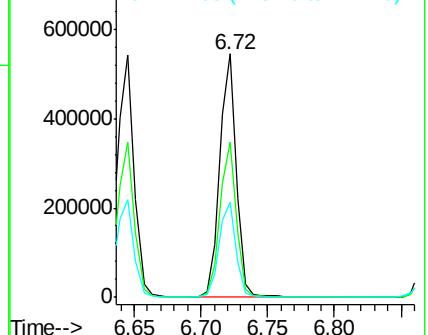
111 39.0 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.671 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

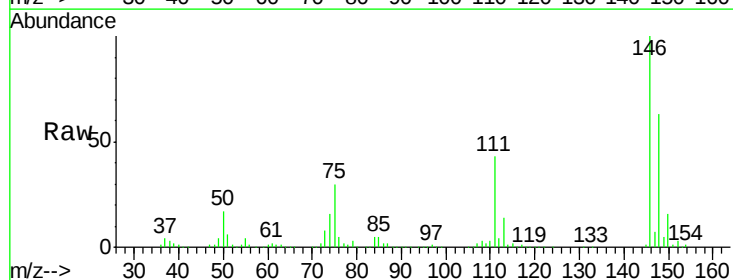
Tgt Ion:146 Resp: 453191

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.4

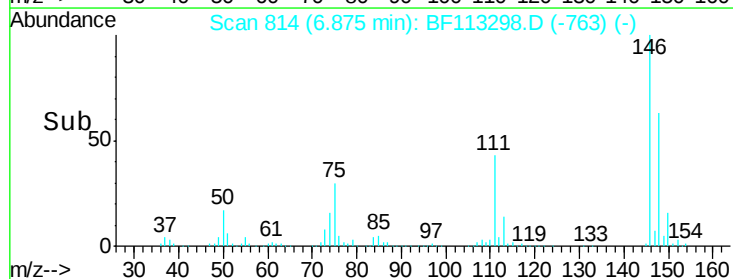
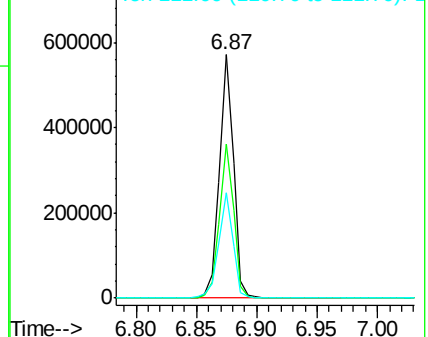
111 43.1 35.4 53.2

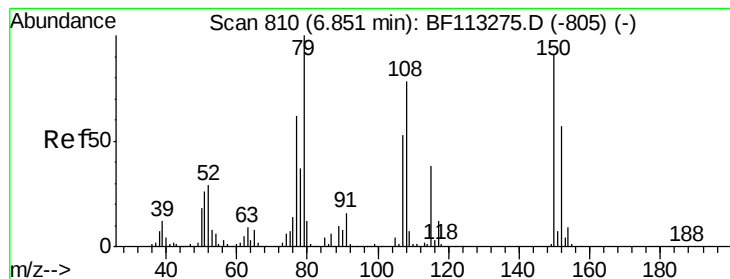


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.266 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

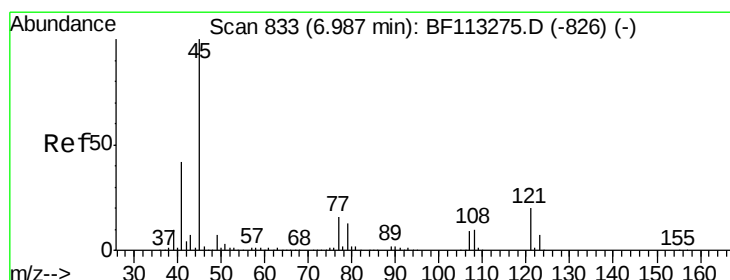
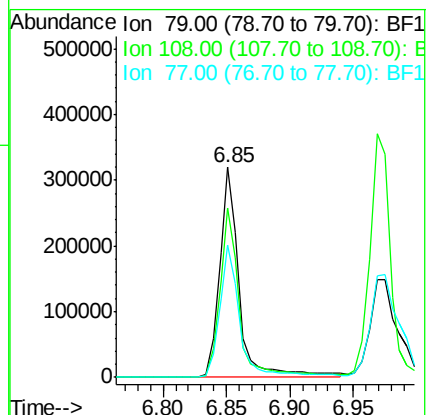
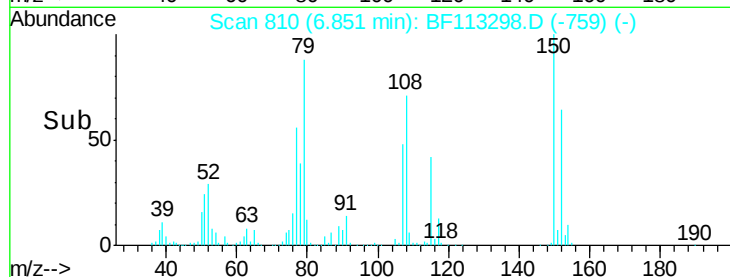
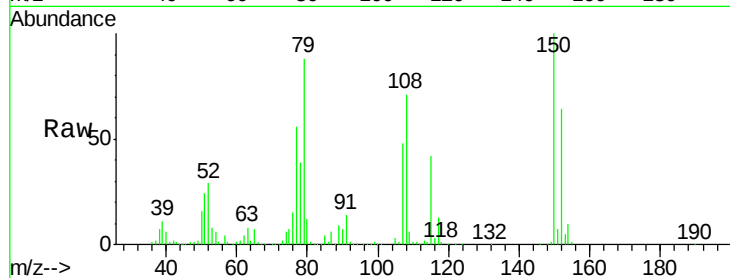
Tgt Ion: 79 Resp: 347664

Ion Ratio Lower Upper

79 100

108 80.4 62.0 93.0

77 63.3 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.276 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

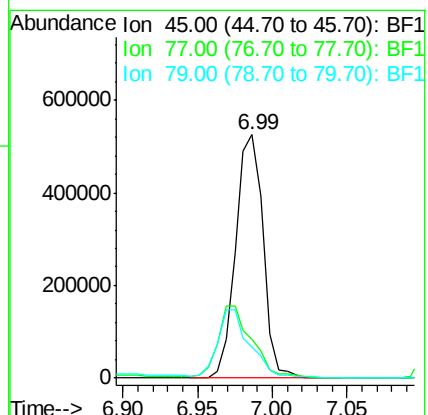
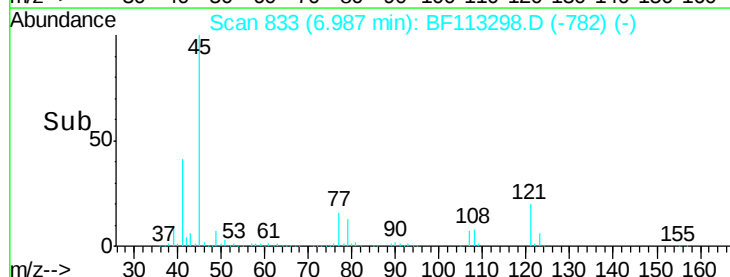
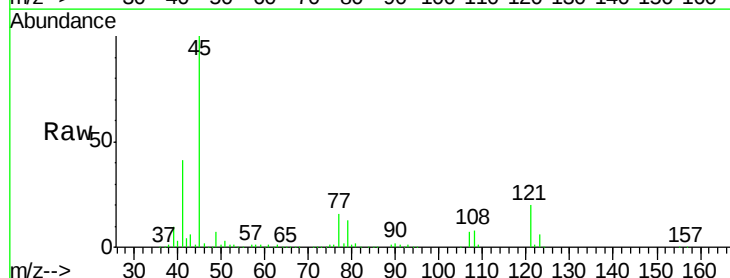
Tgt Ion: 45 Resp: 676582

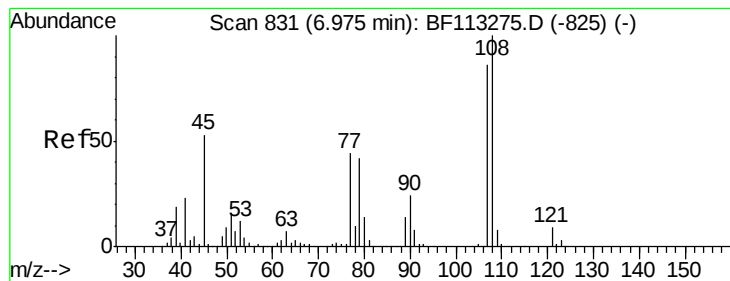
Ion Ratio Lower Upper

45 100

77 15.7 0.0 36.6

79 12.6 0.0 34.0





#17

2-Methylphenol

Concen: 40.478 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 363076

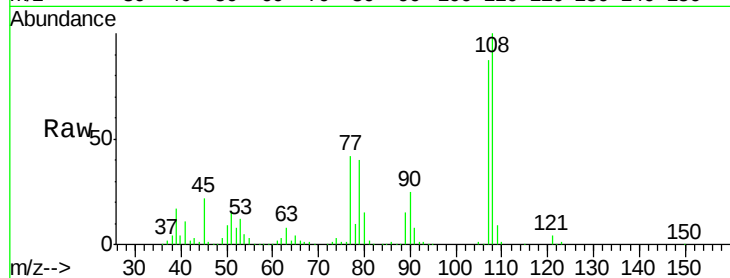
Ion Ratio Lower Upper

107 100

108 115.5 93.4 140.0

77 48.2 41.2 61.8

79 46.3 40.1 60.1

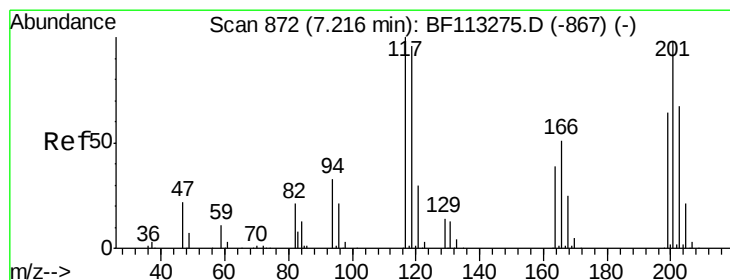
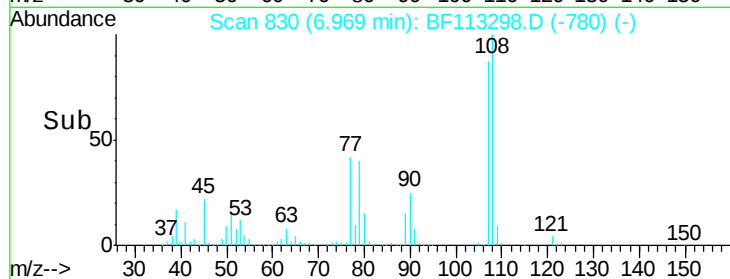
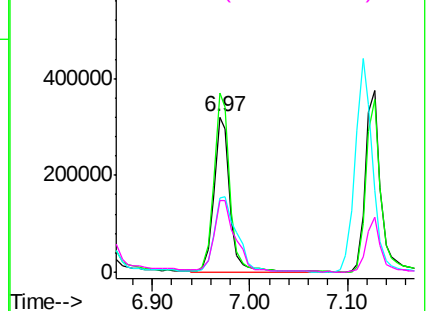


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.860 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

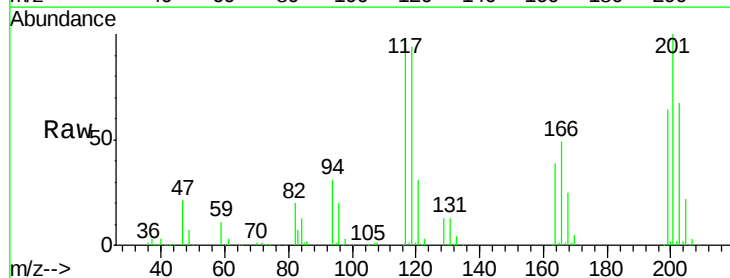
Tgt Ion:117 Resp: 166262

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

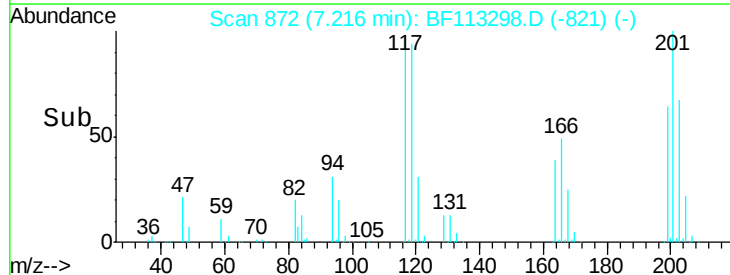
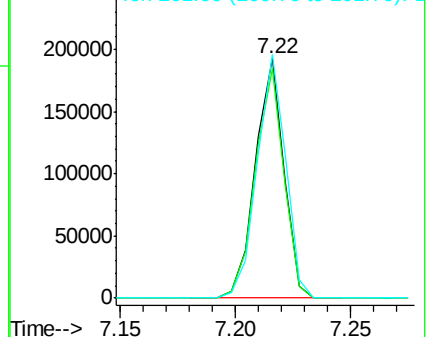
201 101.7 78.7 118.1

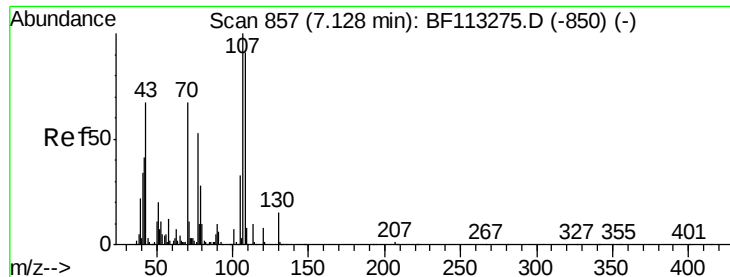


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

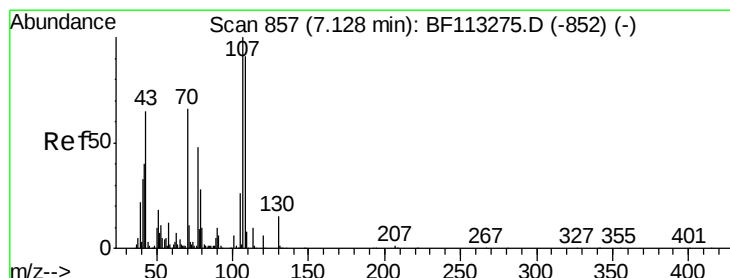
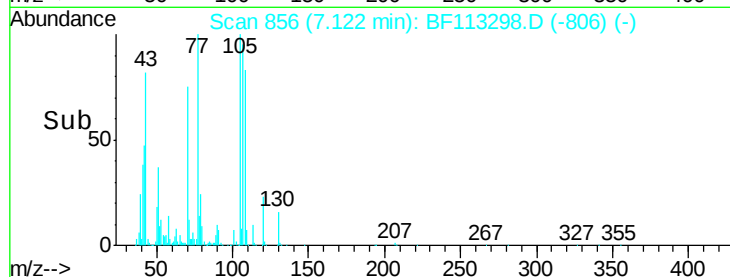
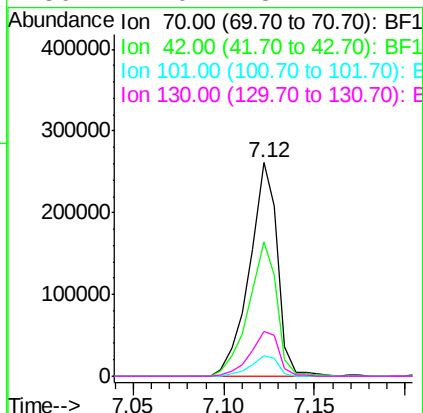
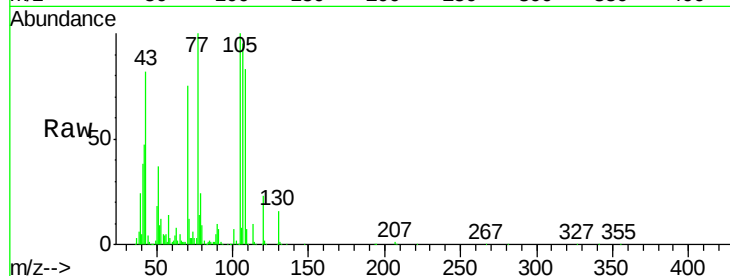




#19
n-Nitroso-di-n-propylamine
Concen: 35.680 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

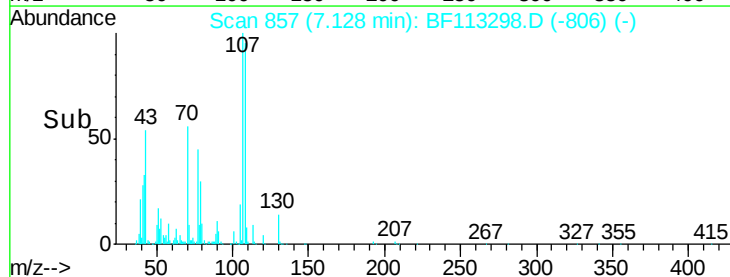
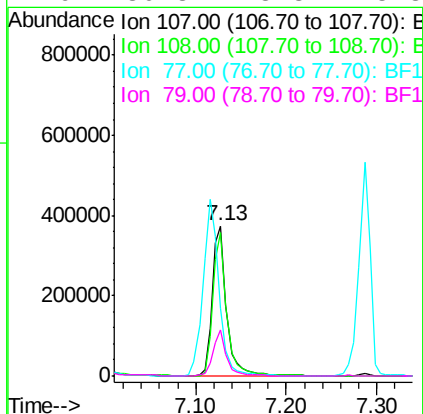
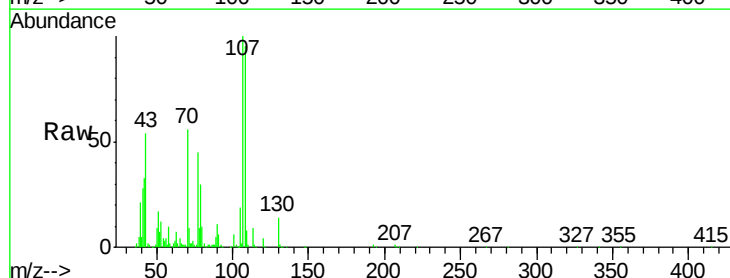
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

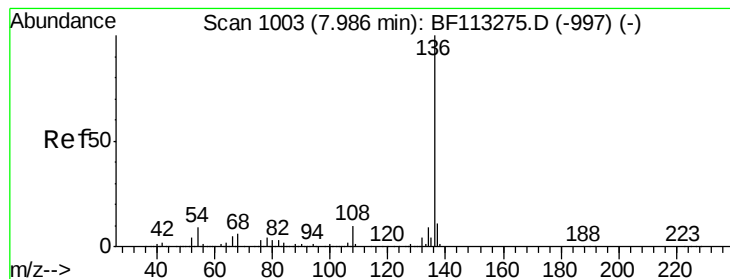
Tgt Ion:	70	Resp:	279443
Ion	Ratio	Lower	Upper
70	100		
42	62.9	48.4	72.6
101	9.4	7.8	11.8
130	21.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.881 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:	107	Resp:	411073
Ion	Ratio	Lower	Upper
107	100		
108	94.9	71.4	111.4
77	45.5	33.5	73.5
79	30.3	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 622178

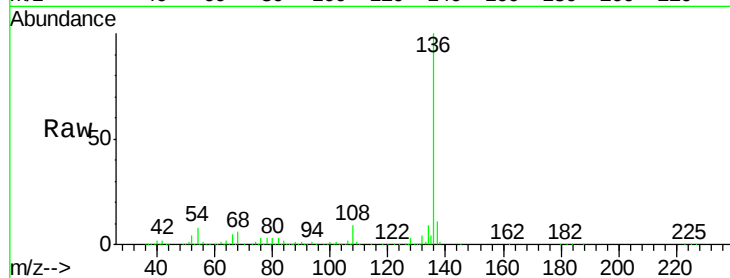
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 7.0 10.6

68 5.7 4.8 7.2

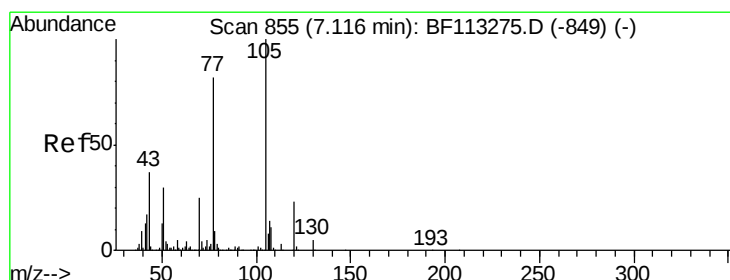
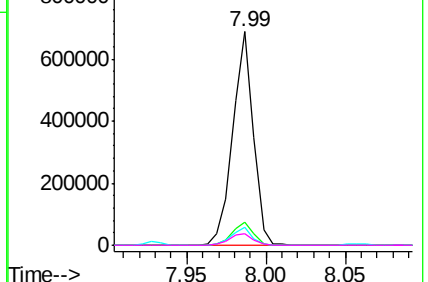
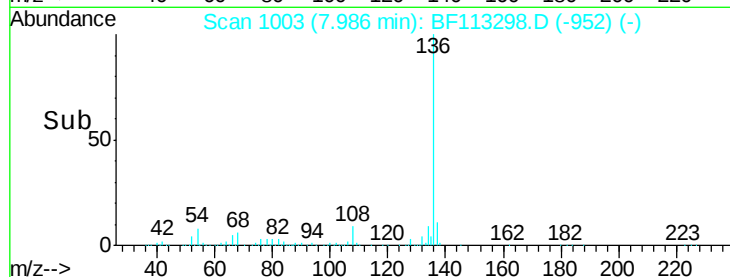


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.978 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Tgt Ion:105 Resp: 553063

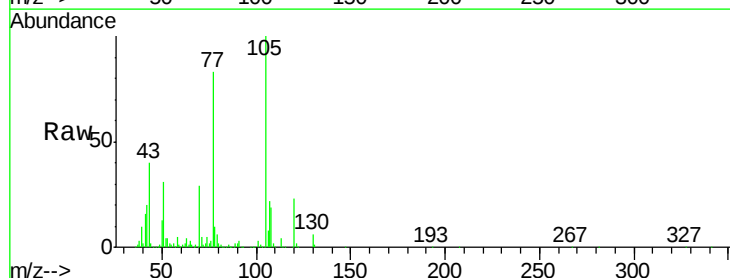
Ion Ratio Lower Upper

105 100

71 5.1 3.3 4.9#

51 30.7 24.2 36.2

120 22.9 18.1 27.1

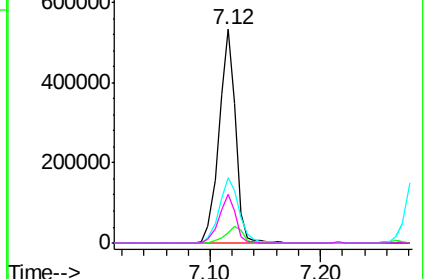
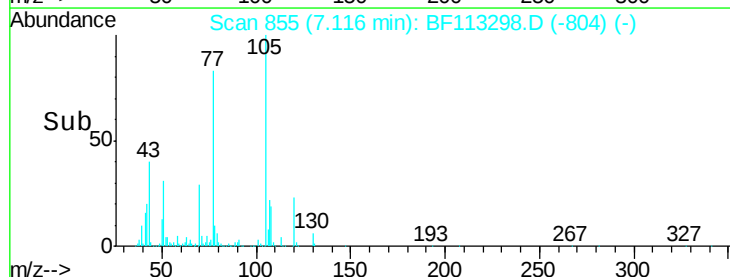


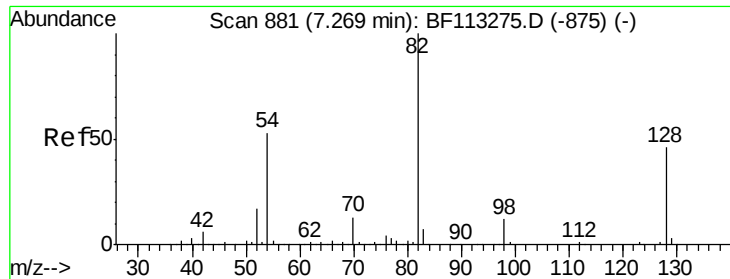
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

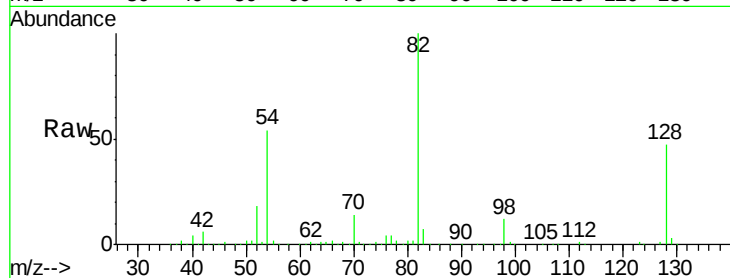




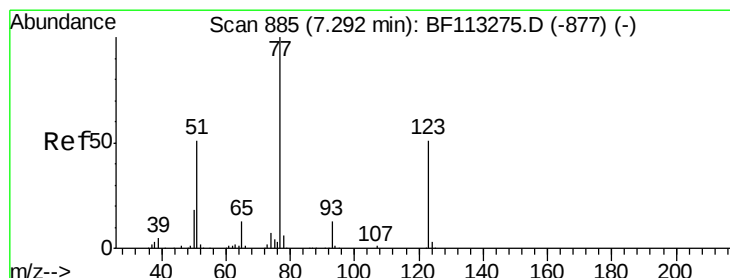
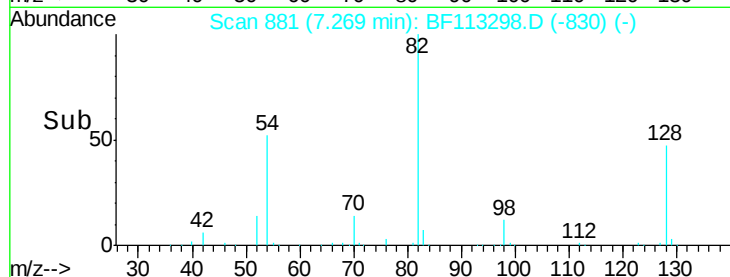
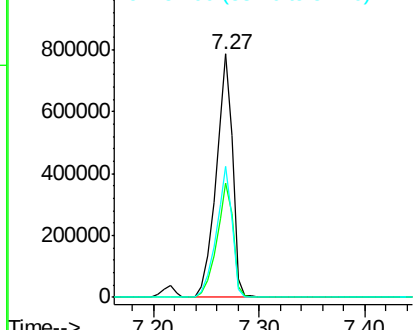
#23
Nitrobenzene-d5
Concen: 82.607 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 865925
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 53.8 42.2 63.2

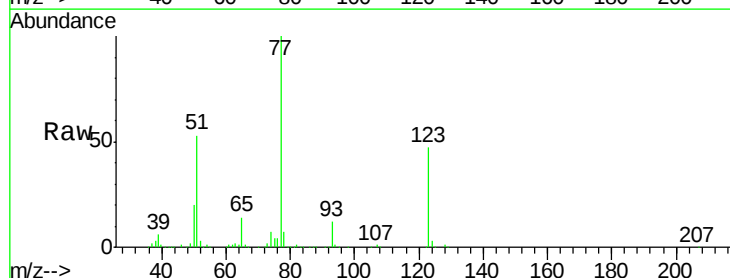


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

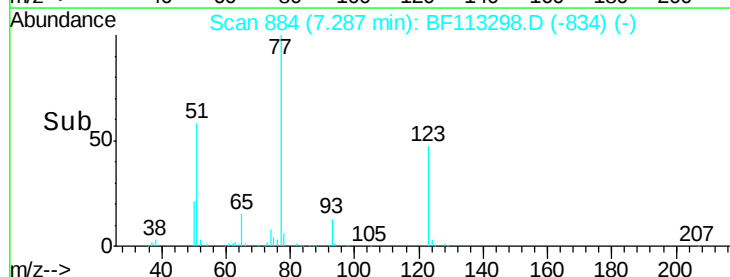
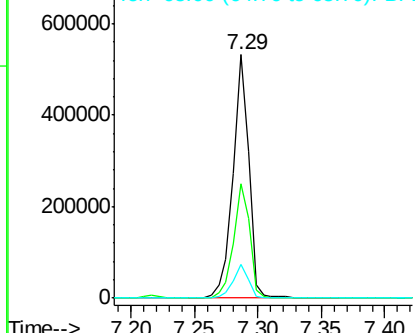


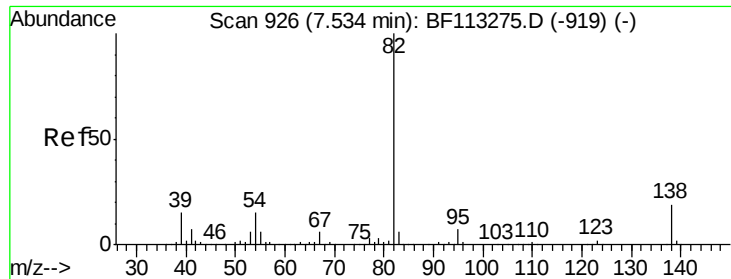
#24
Nitrobenzene
Concen: 41.522 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion: 77 Resp: 454190
Ion Ratio Lower Upper
77 100
123 47.1 40.8 61.2
65 13.8 10.6 16.0



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

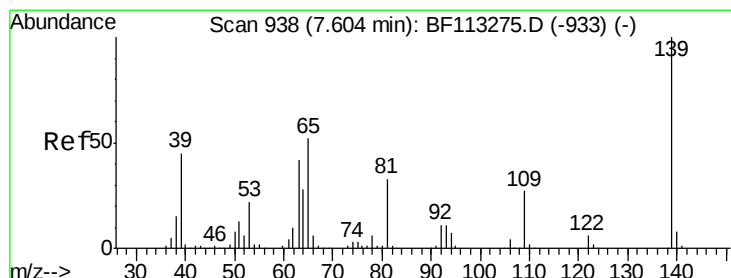
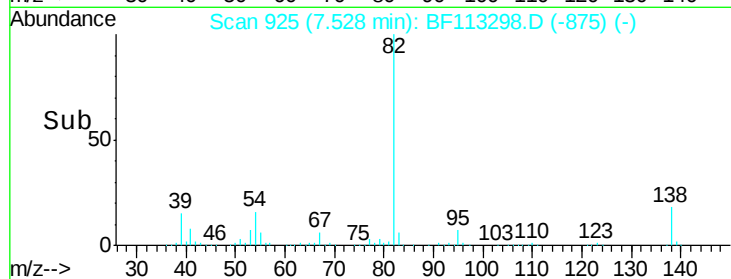
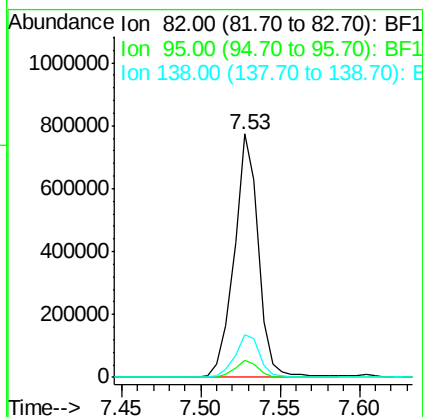
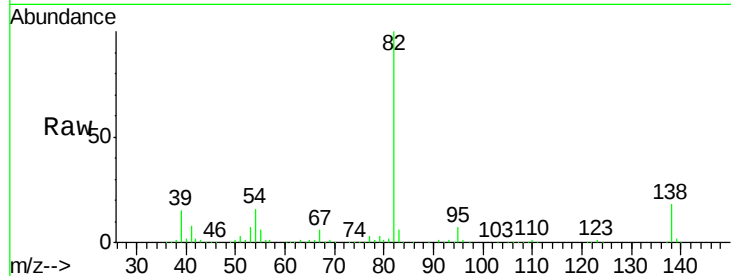




#25
Isophorone
Concen: 40.288 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

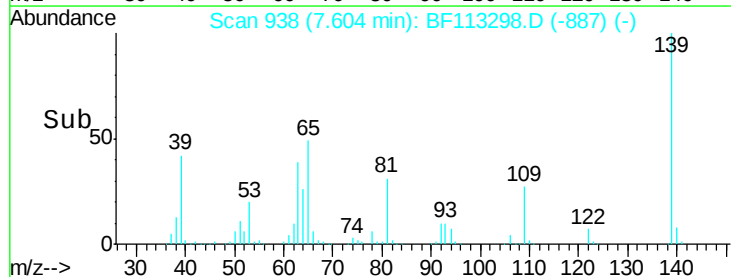
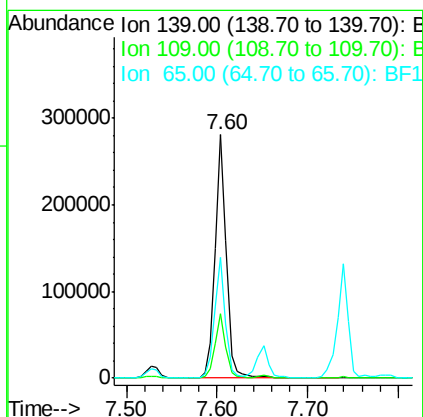
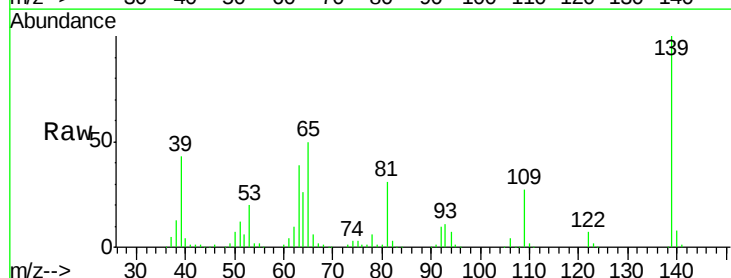
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

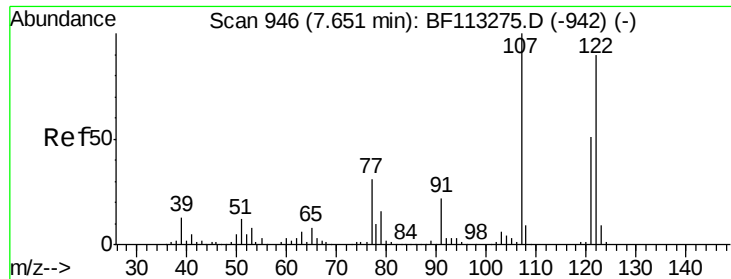
Tgt Ion: 82 Resp: 818440
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 15.2 22.8



#26
2-Nitrophenol
Concen: 42.186 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion: 139 Resp: 243917
Ion Ratio Lower Upper
139 100
109 26.6 21.7 32.5
65 49.7 41.6 62.4

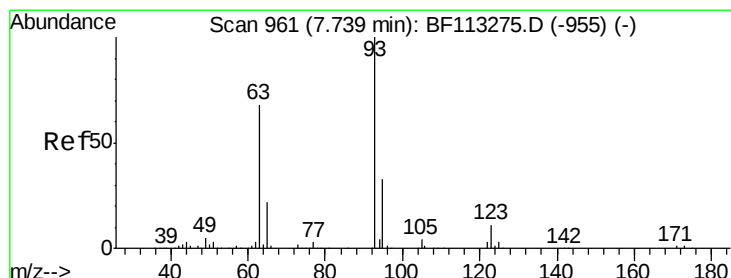
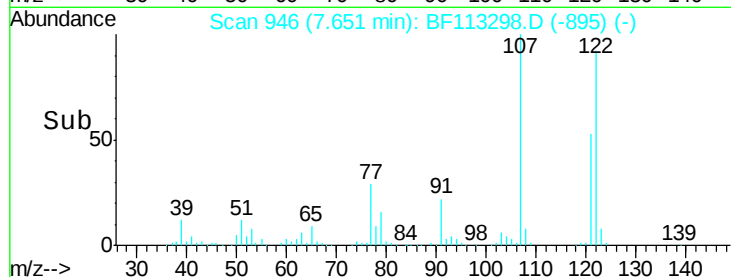
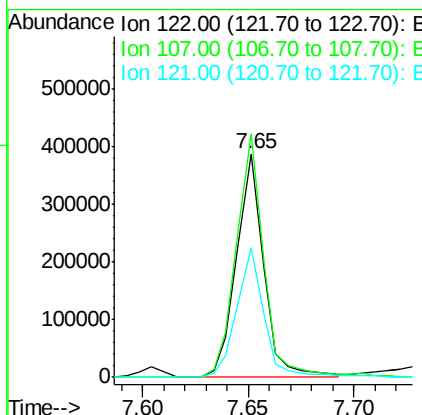
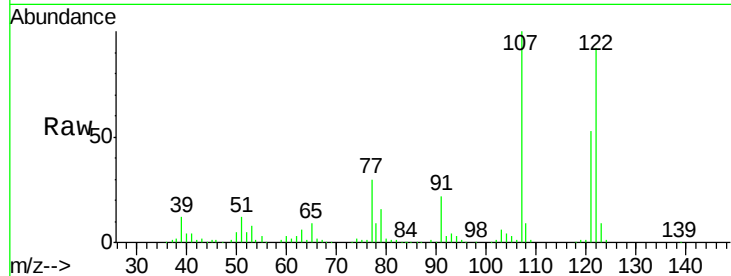




#27
 2,4-Dimethylphenol
 Concen: 41.764 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

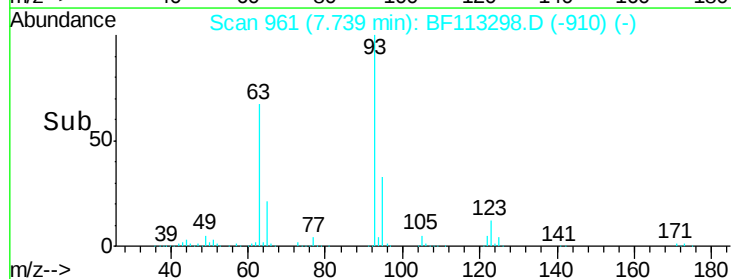
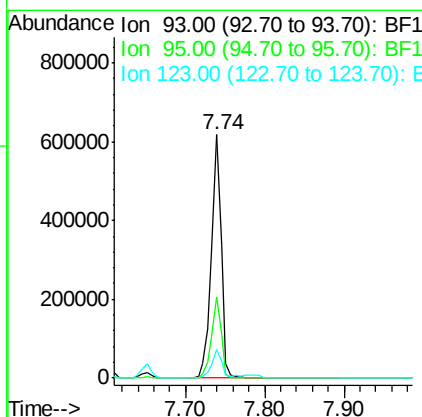
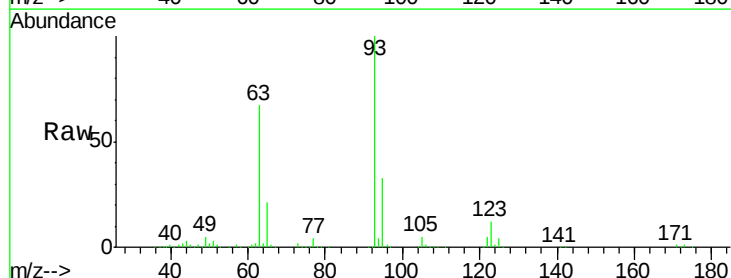
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

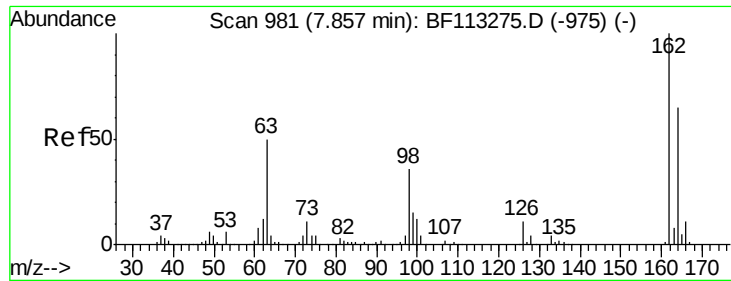
Tgt Ion:122 Resp: 347364
 Ion Ratio Lower Upper
 122 100
 107 109.0 88.8 133.2
 121 58.2 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.600 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion: 93 Resp: 532186
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.6 9.1 13.7

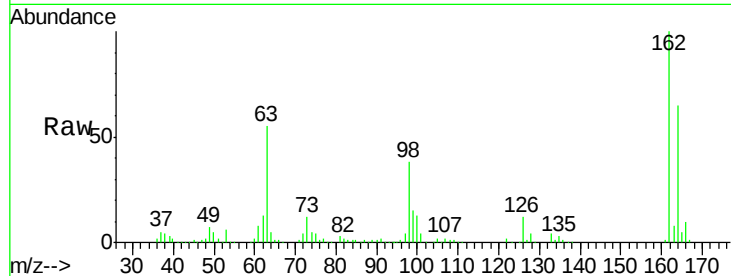




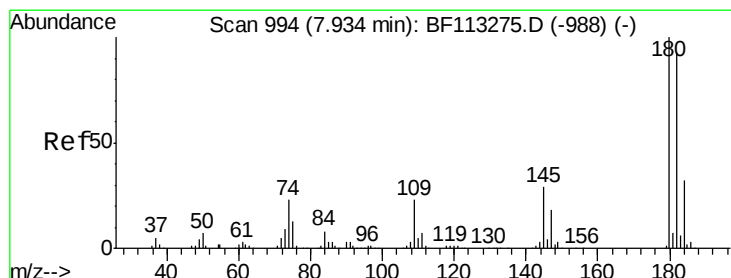
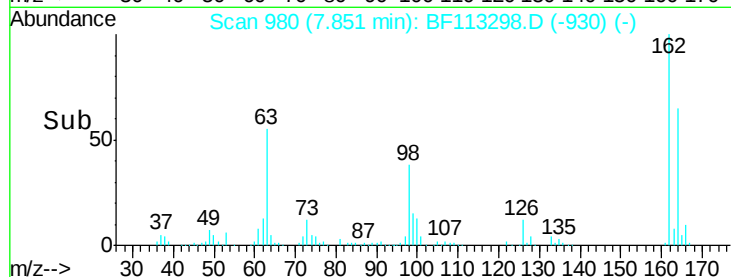
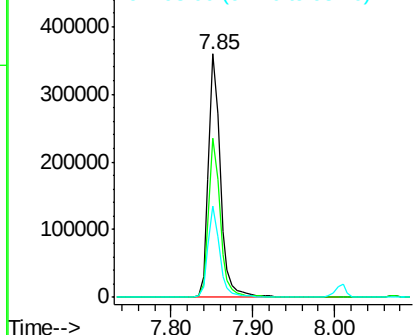
#29
2,4-Dichlorophenol
Concen: 40.786 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	37.5	15.6	55.6

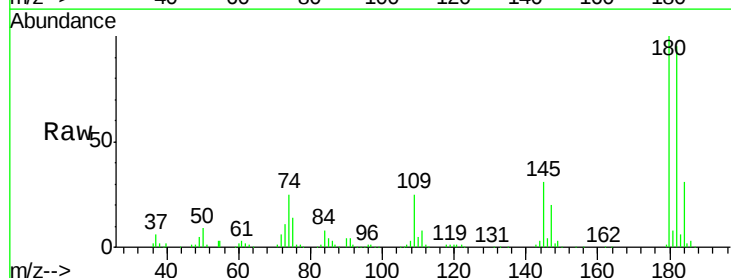


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

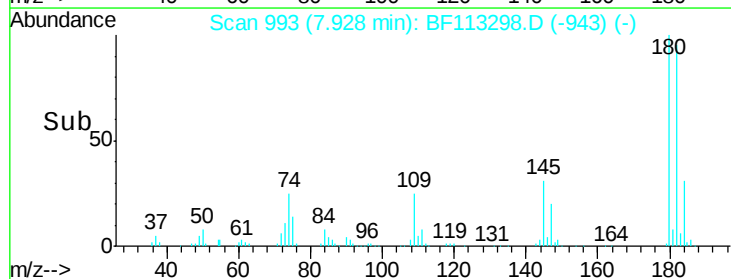
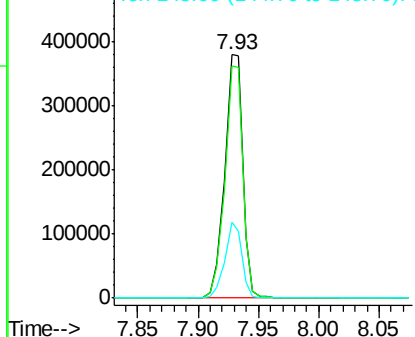


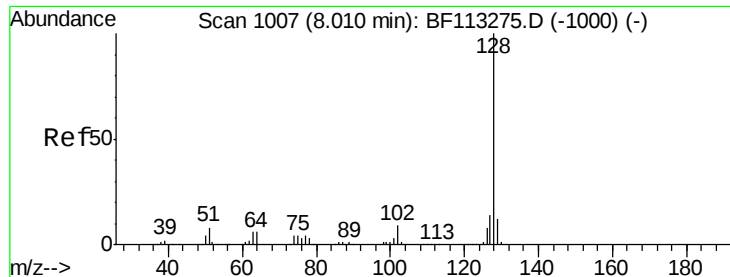
#30
1,2,4-Trichlorobenzene
Concen: 40.613 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.6	111.8
145	31.0	23.4	35.0



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

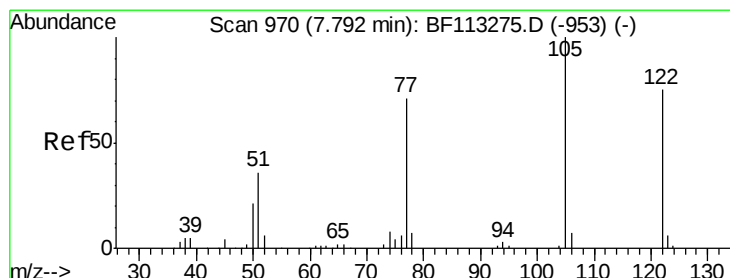
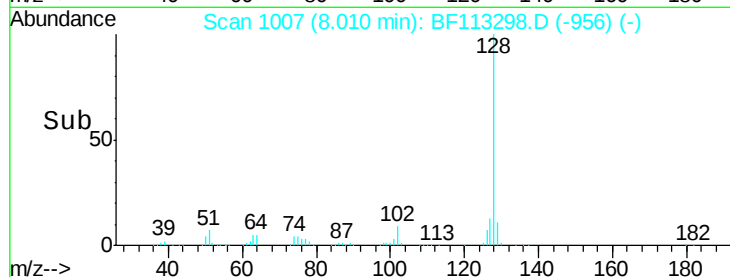
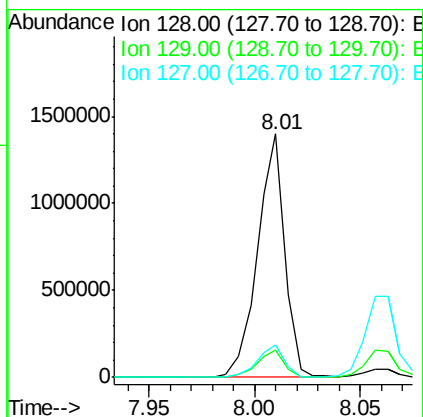
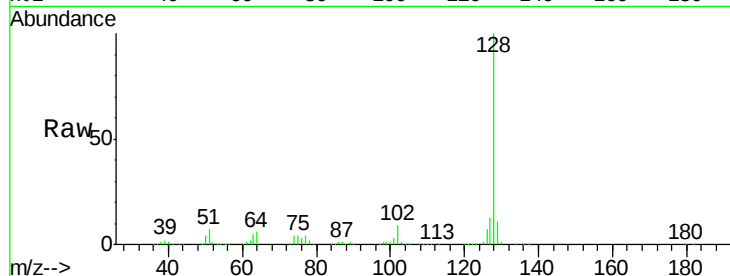




#31
Naphthalene
Concen: 41.204 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

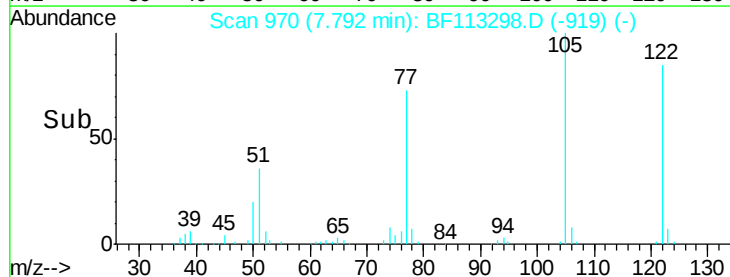
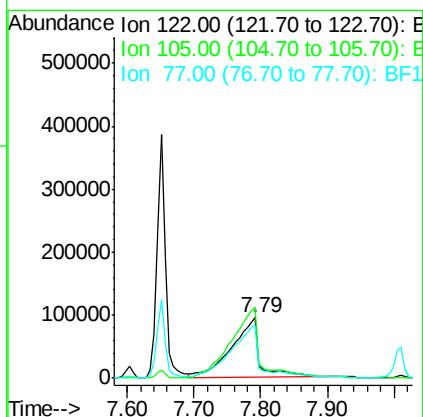
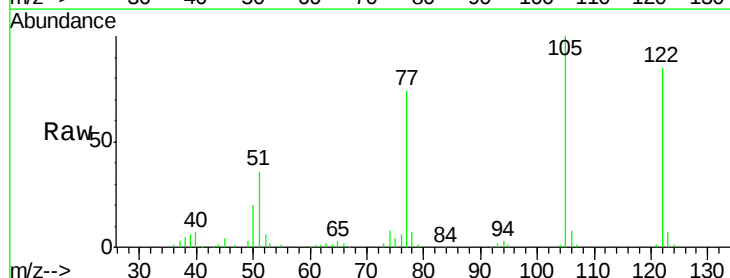
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

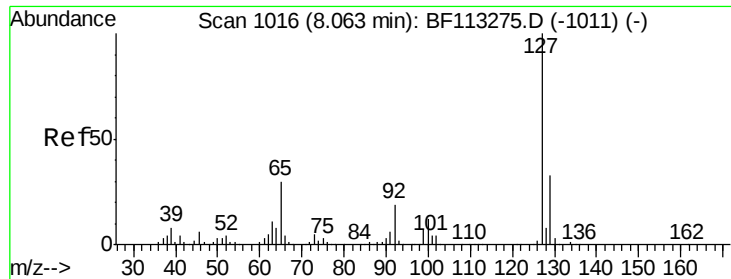
Tgt Ion:128 Resp: 1252780
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 42.186 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:122 Resp: 282436
Ion Ratio Lower Upper
122 100
105 117.9 100.4 140.4
77 87.0 69.0 109.0

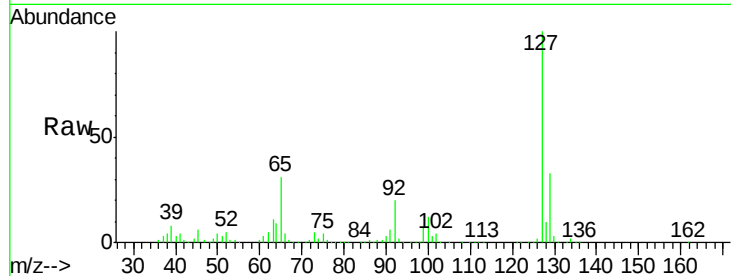




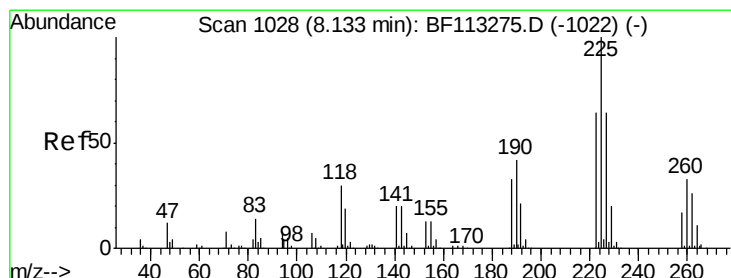
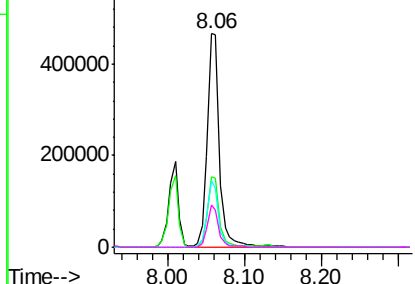
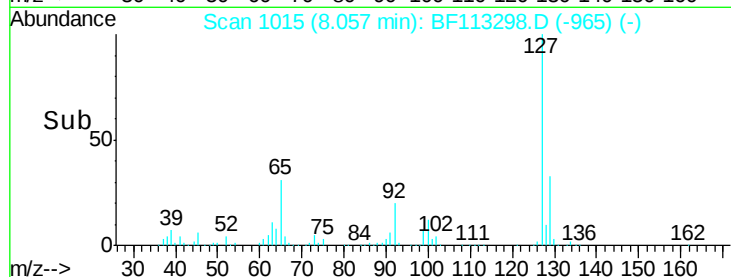
#33
4-Chloroaniline
Concen: 43.103 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	511034
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	31.3	24.2	36.4
92	19.5	15.0	22.6

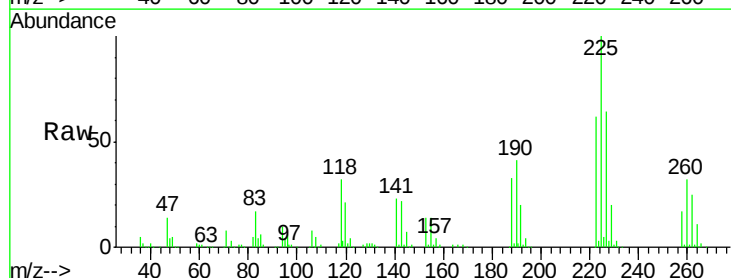


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

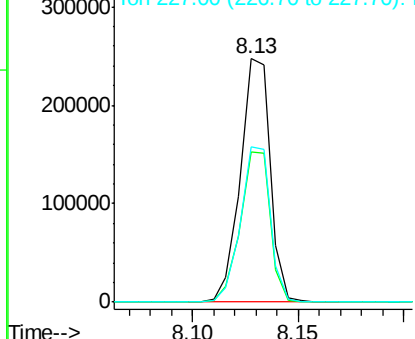
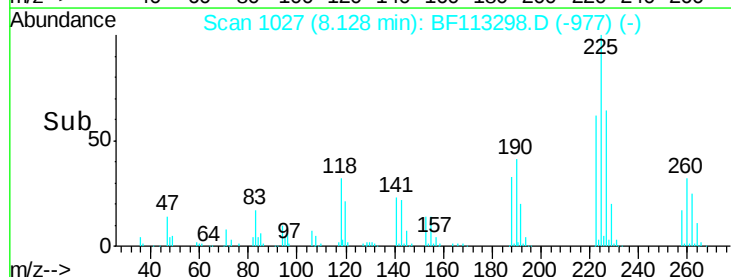


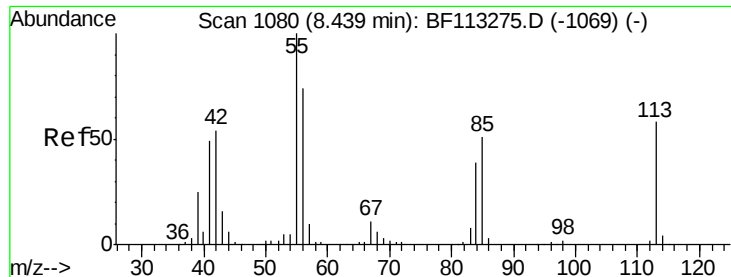
#34
Hexachlorobutadiene
Concen: 42.053 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:	225	Resp:	243049
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.4	77.2
227	63.6	51.1	76.7



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

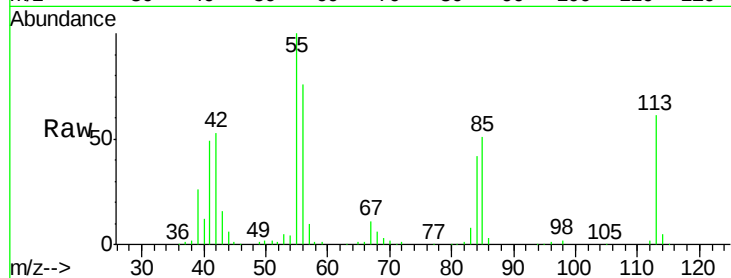




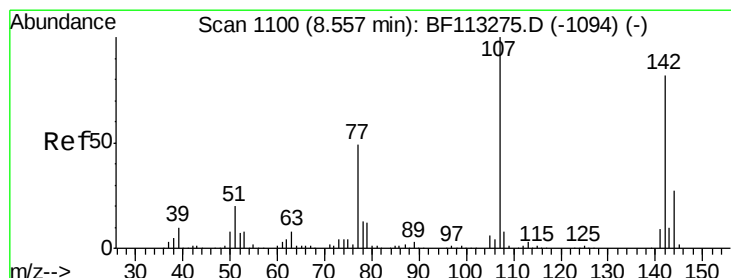
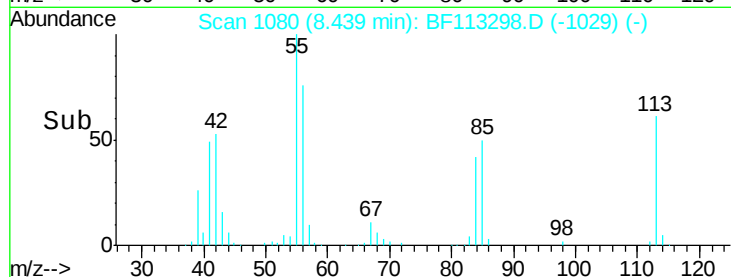
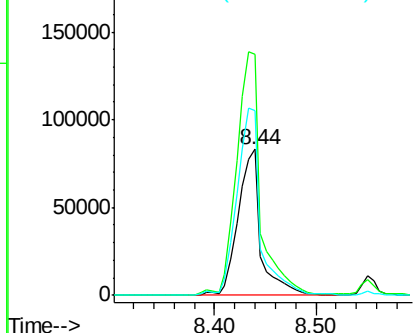
#35
 Caprolactam
 Concen: 44.990 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 130142
 Ion Ratio Lower Upper
 113 100
 55 165.1 152.7 192.7
 56 126.1 108.3 148.3

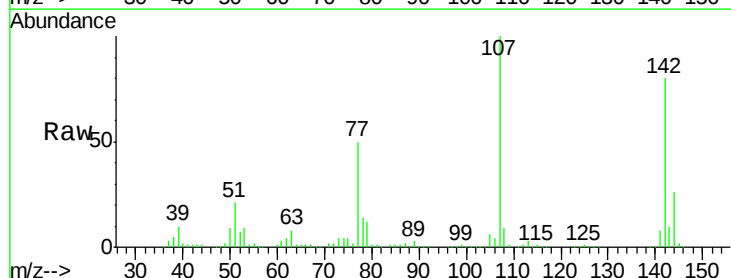


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

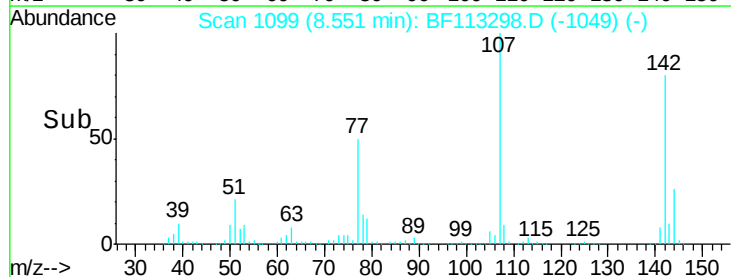
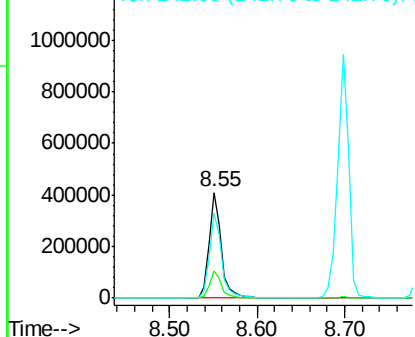


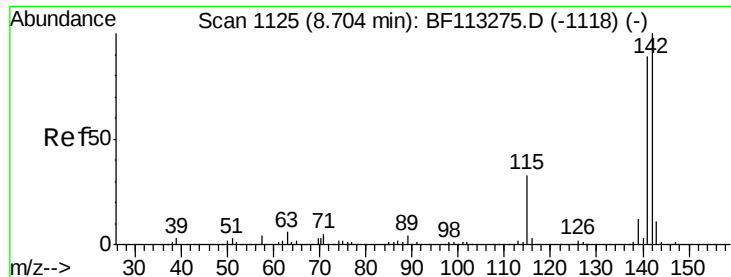
#36
 4-Chloro-3-methylphenol
 Concen: 44.207 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion:107 Resp: 400763
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.4 32.0
 142 80.2 65.6 98.4



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

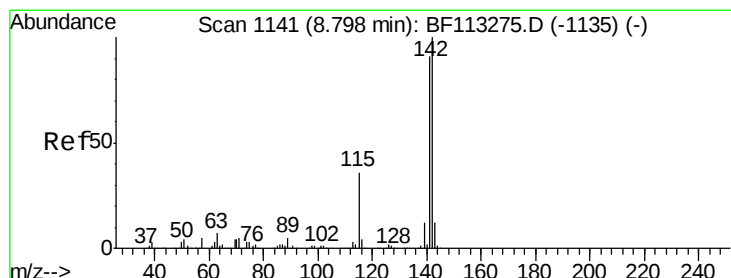
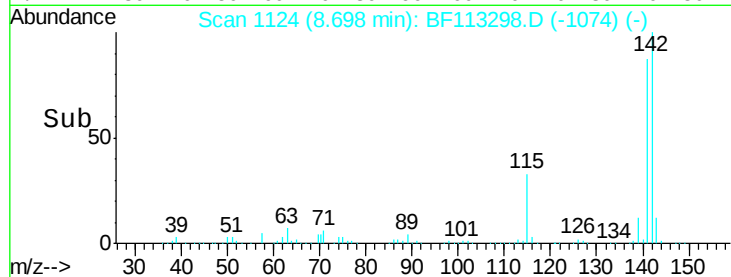
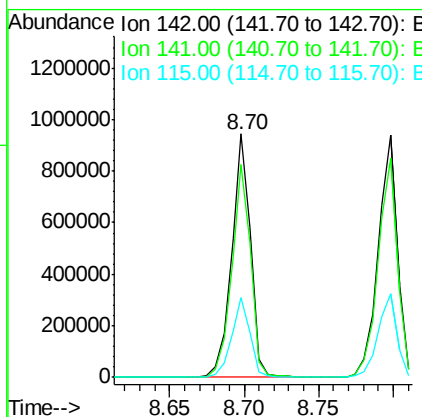
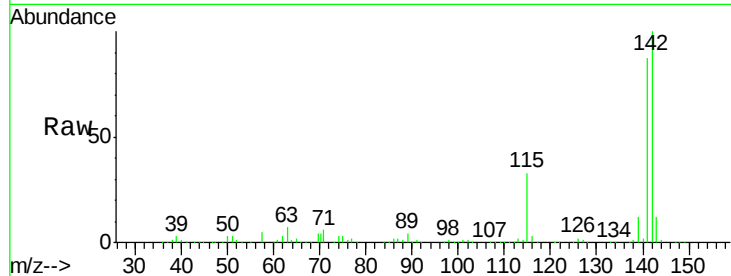




#37
 2-Methylnaphthalene
 Concen: 44.431 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

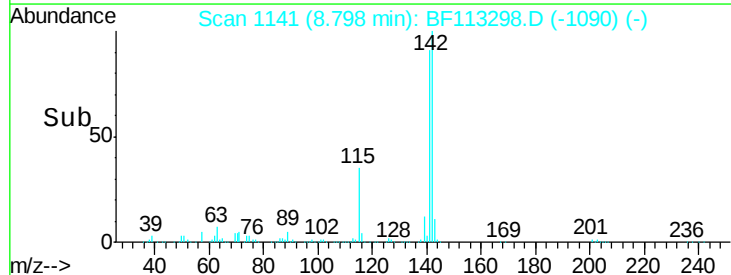
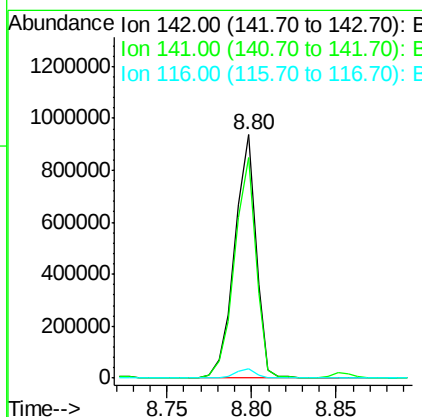
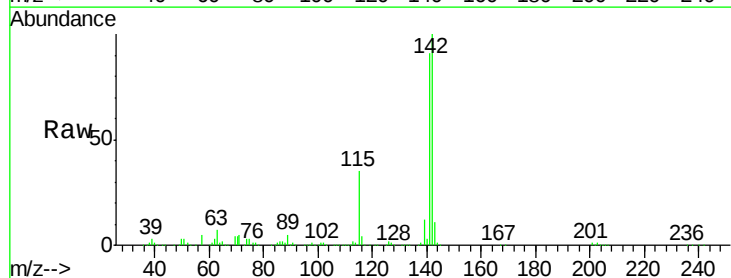
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

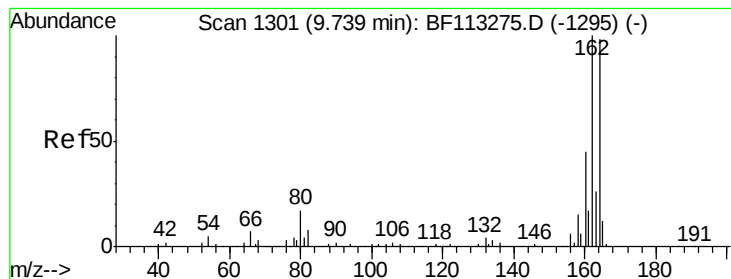
Tgt Ion:142 Resp: 842922
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.0 106.6
 115 32.9 26.6 39.8



#38
 1-Methylnaphthalene
 Concen: 45.162 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion:142 Resp: 824113
 Ion Ratio Lower Upper
 142 100
 141 90.6 73.2 109.8
 116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

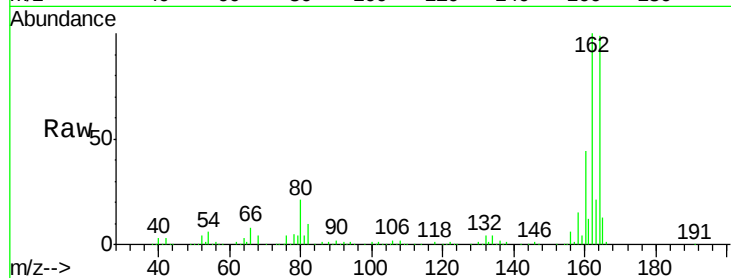
Tgt Ion:164 Resp: 320249

Ion Ratio Lower Upper

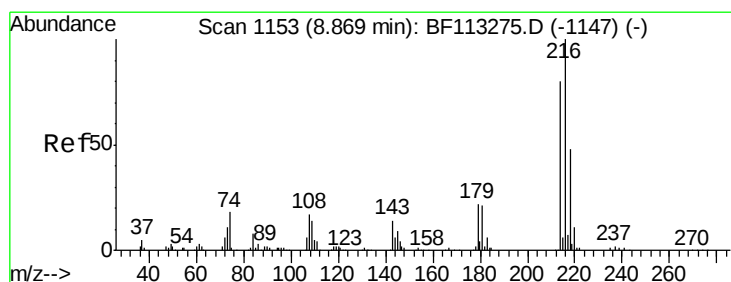
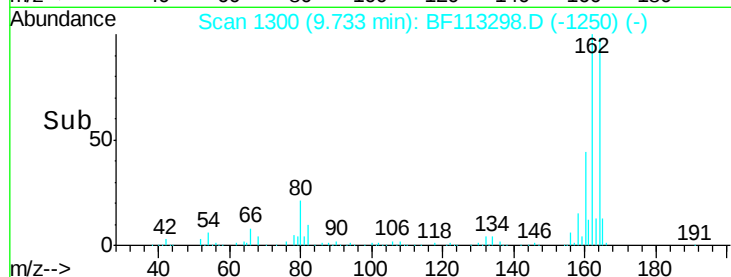
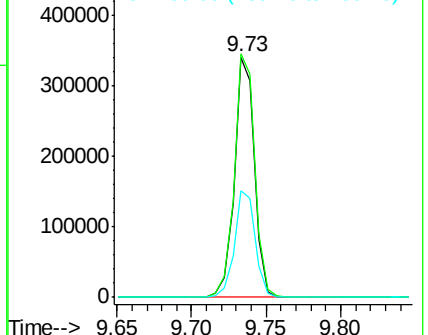
164 100

162 101.5 81.8 122.6

160 44.7 36.4 54.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.066 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Tgt Ion:216 Resp: 411878

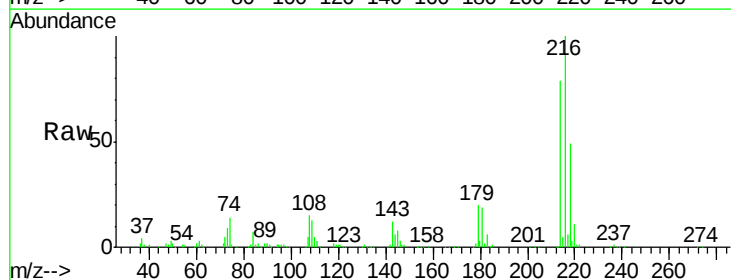
Ion Ratio Lower Upper

216 100

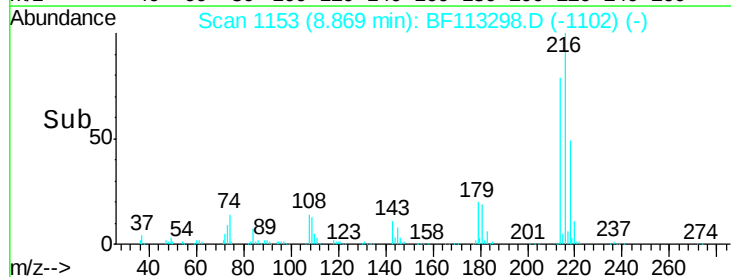
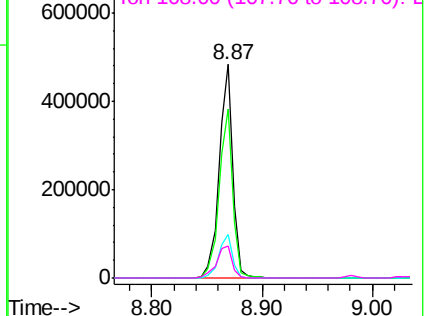
214 79.3 63.0 94.6

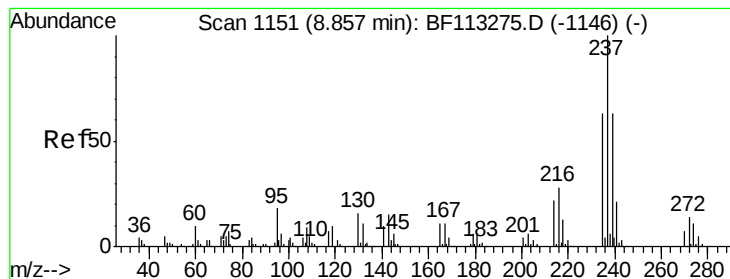
179 20.3 16.8 25.2

108 17.2 13.8 20.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.292 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

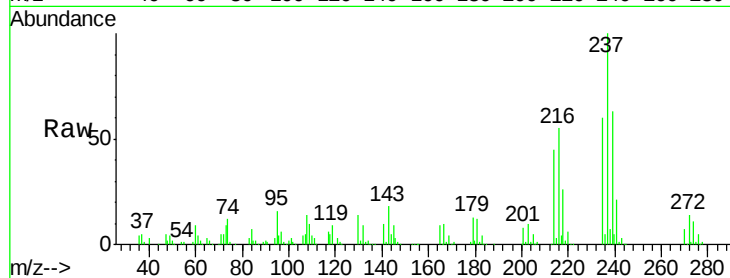
Tgt Ion:237 Resp: 162268

Ion Ratio Lower Upper

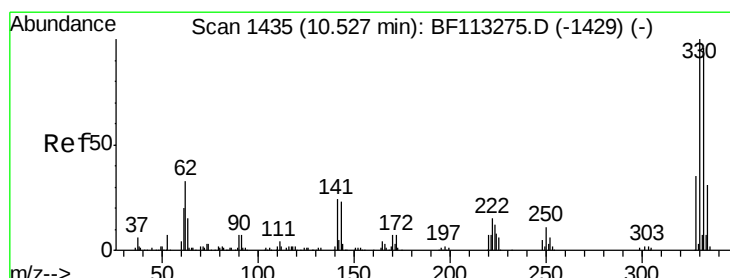
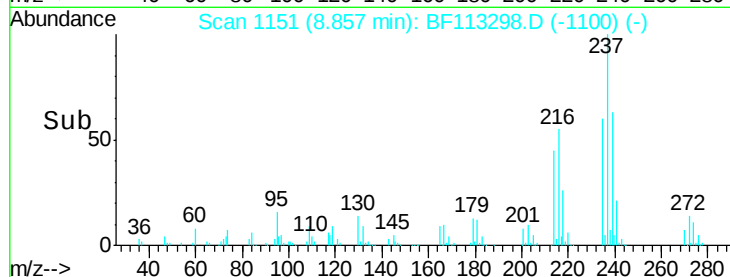
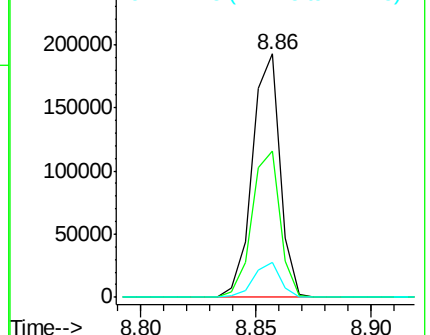
237 100

235 60.3 43.4 83.4

272 14.2 0.0 33.7



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: 82.581 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

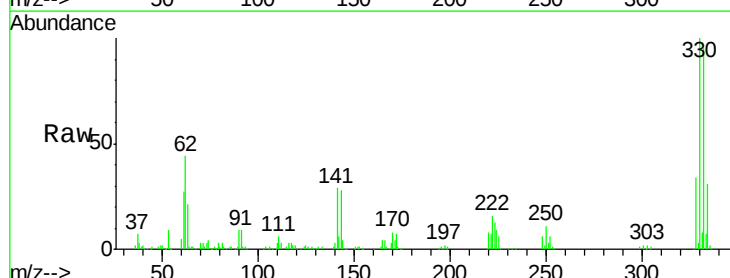
Tgt Ion:330 Resp: 326673

Ion Ratio Lower Upper

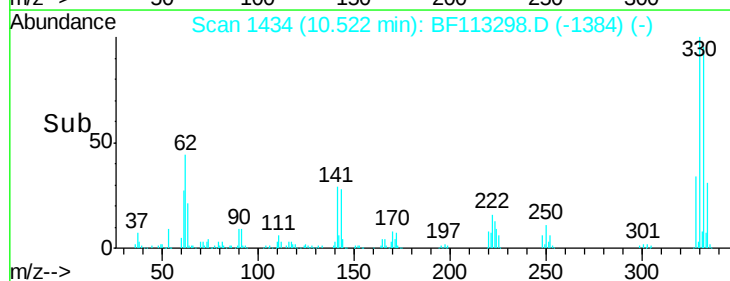
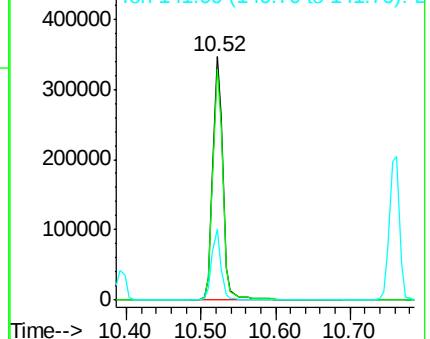
330 100

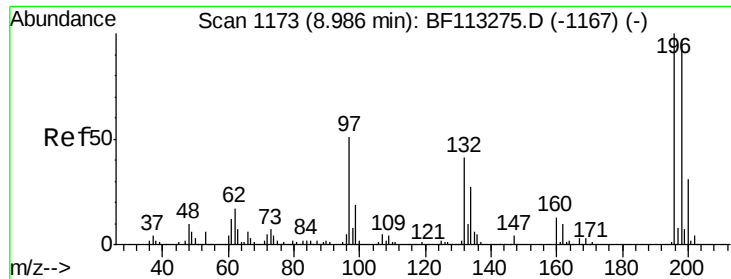
332 94.9 77.8 116.6

141 26.8 22.7 34.1



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

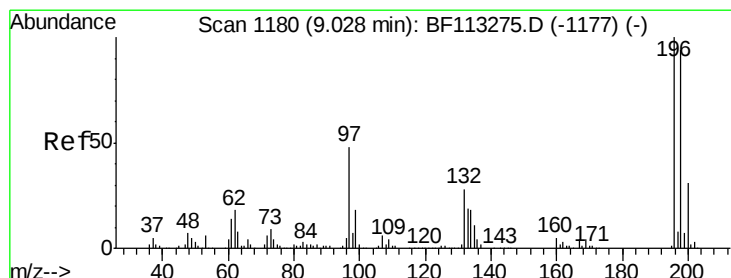
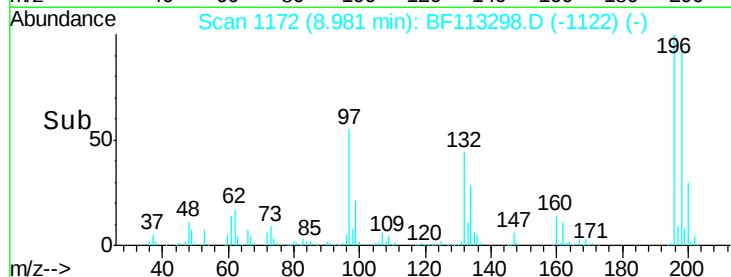
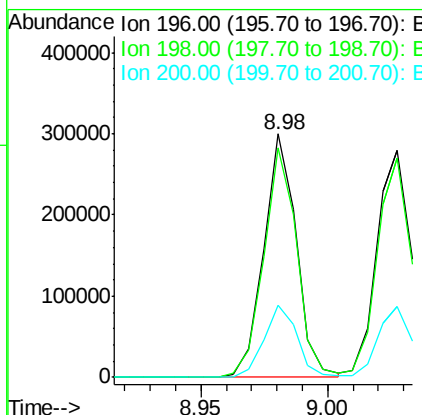
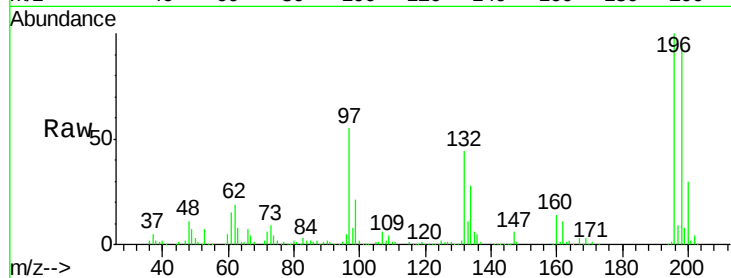




#43
 2,4,6-Trichlorophenol
 Concen: 40.489 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

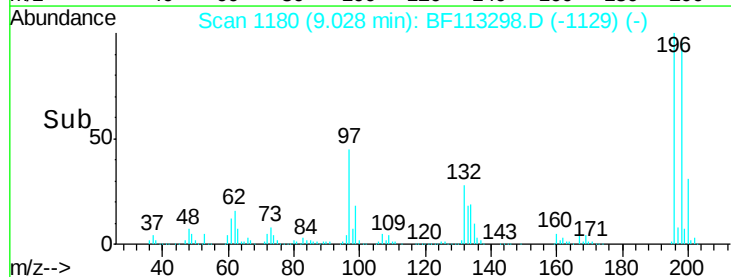
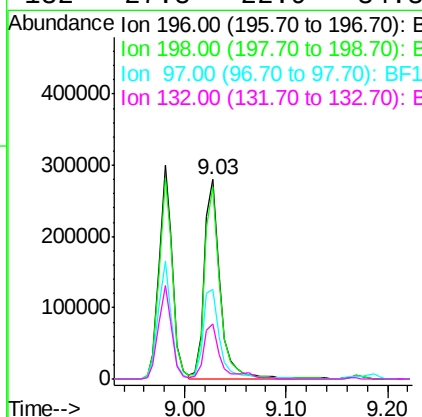
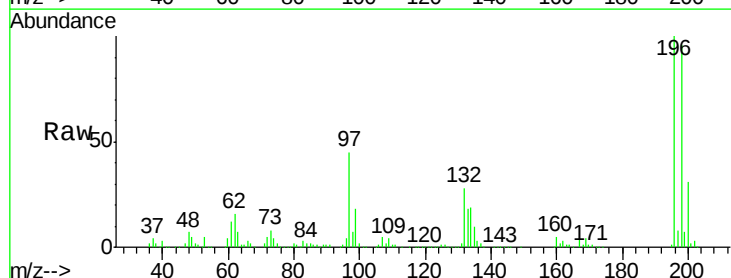
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

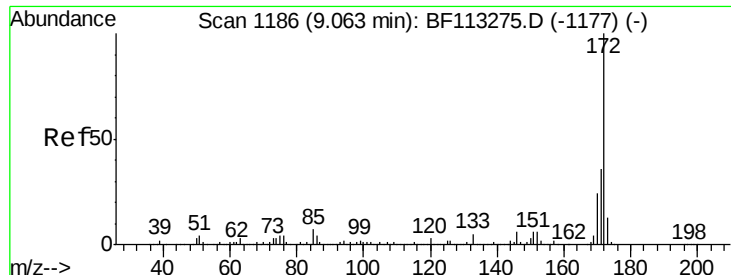
Tgt Ion:196 Resp: 271043
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.7 116.5
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.550 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion:196 Resp: 300414
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.4 113.2
 97 45.0 38.6 58.0
 132 27.8 22.9 34.3

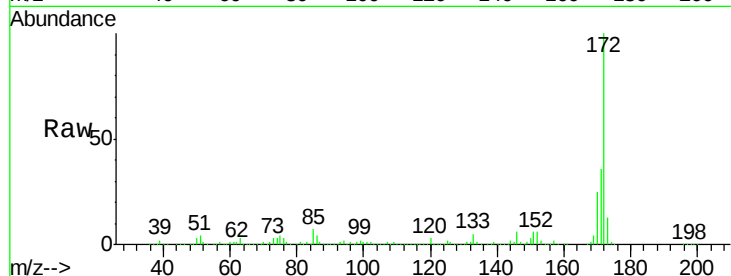




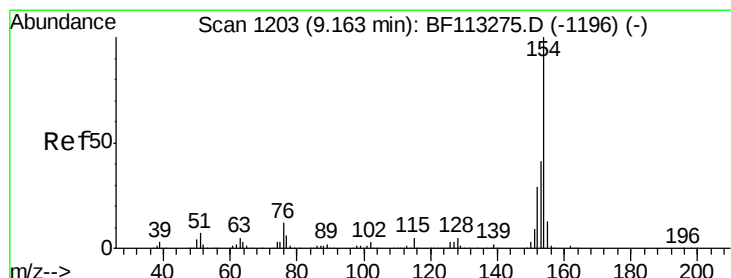
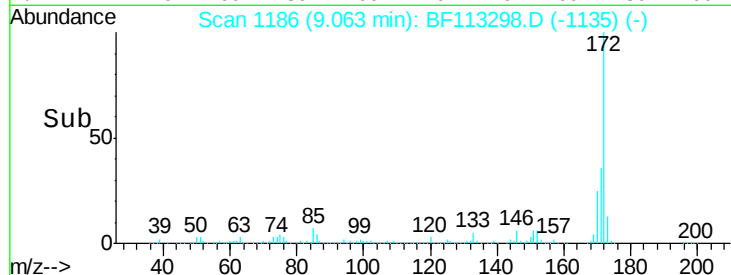
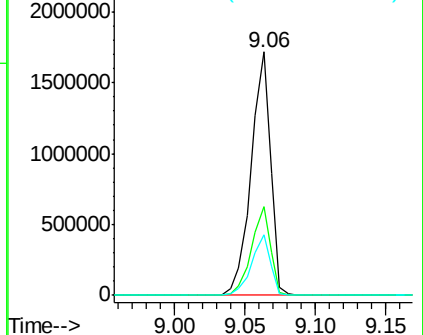
#45
2-Fluorobiphenyl
Concen: 81.032 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1672494
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.9 19.5 29.3

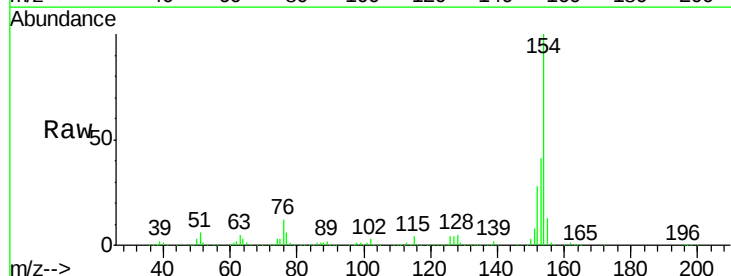


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

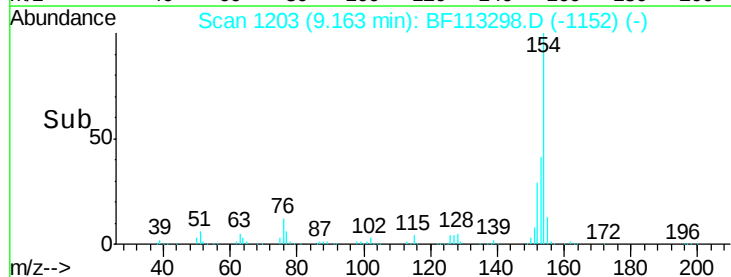
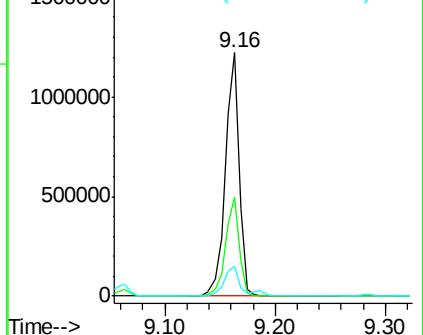


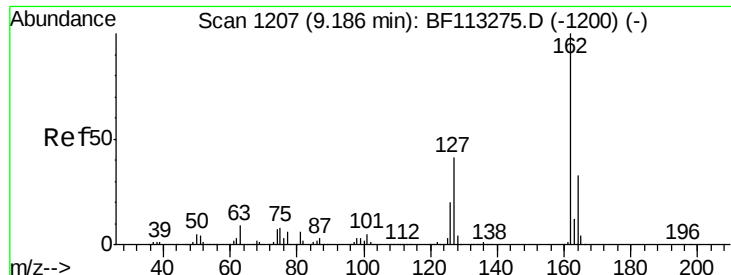
#46
1,1'-Biphenyl
Concen: 40.090 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:154 Resp: 1072294
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.2 0.0 31.9



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

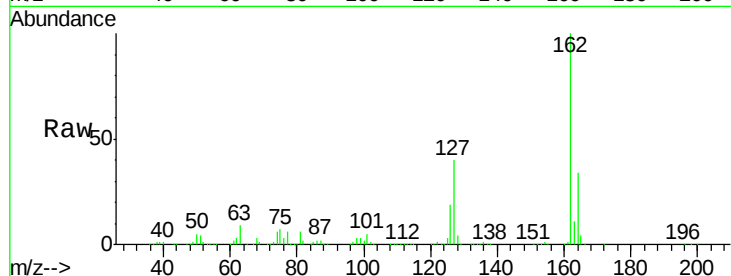




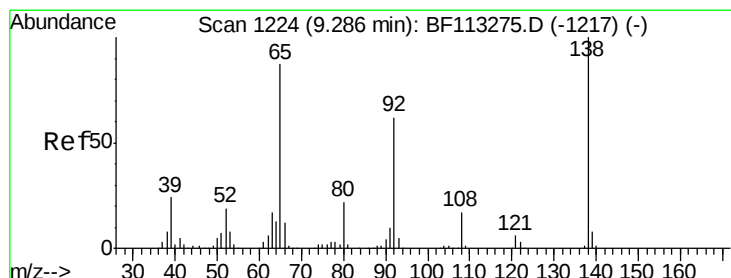
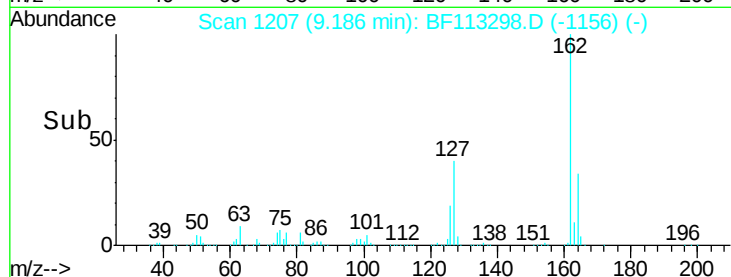
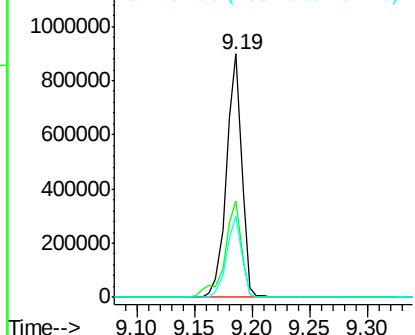
#47
 2-Chloronaphthalene
 Concen: 40.016 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 824092
 Ion Ratio Lower Upper
 162 100
 127 39.9 32.6 49.0
 164 33.6 26.6 39.8

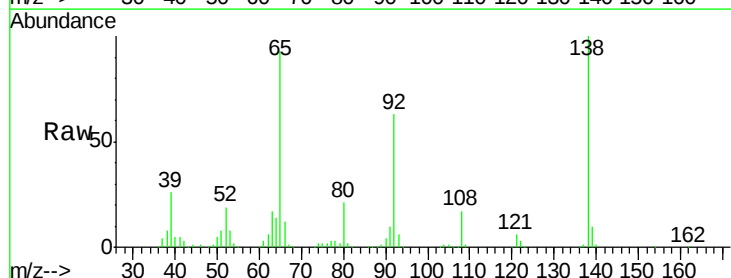


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

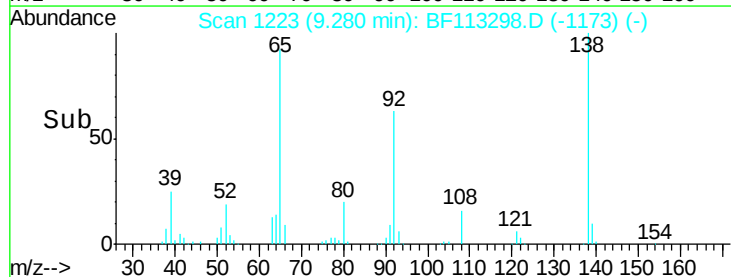
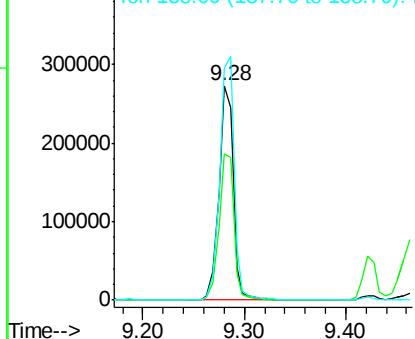


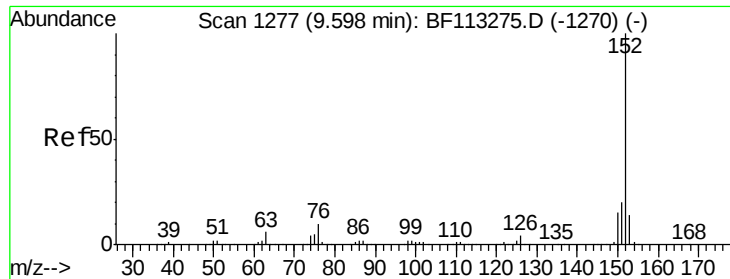
#48
 2-Nitroaniline
 Concen: 41.979 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion: 65 Resp: 271302
 Ion Ratio Lower Upper
 65 100
 92 68.4 56.8 85.2
 138 108.0 92.3 138.5



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: 41.102 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

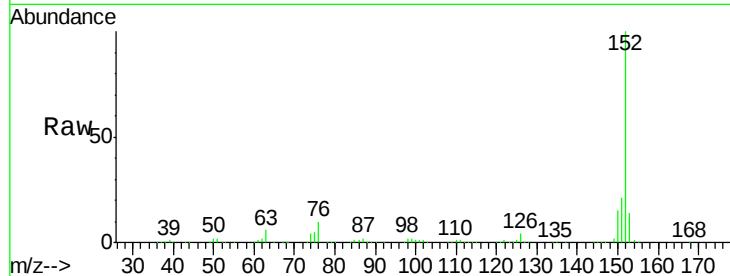
Tgt Ion:152 Resp: 1368644

Ion Ratio Lower Upper

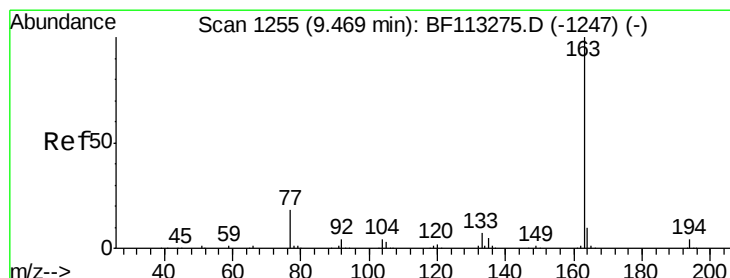
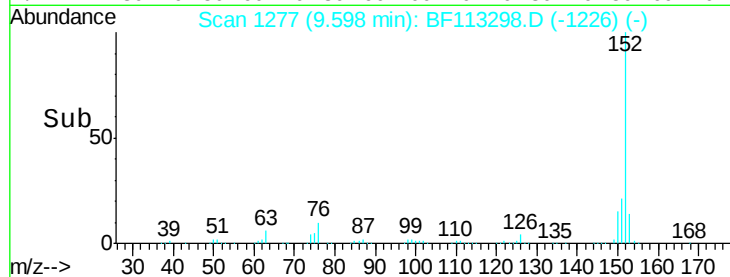
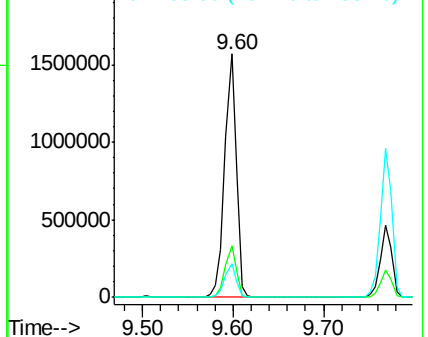
152 100

151 21.2 16.2 24.4

153 13.8 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: 40.792 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

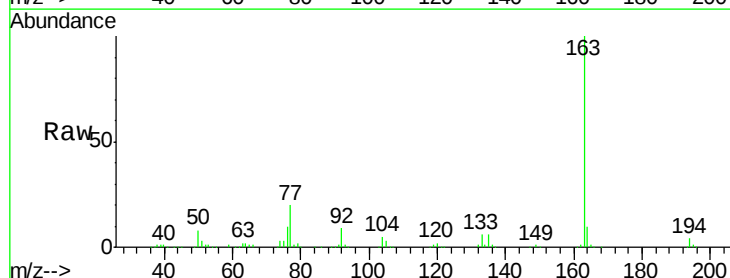
Tgt Ion:163 Resp: 968110

Ion Ratio Lower Upper

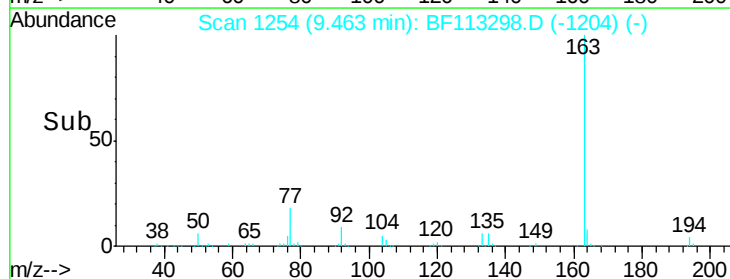
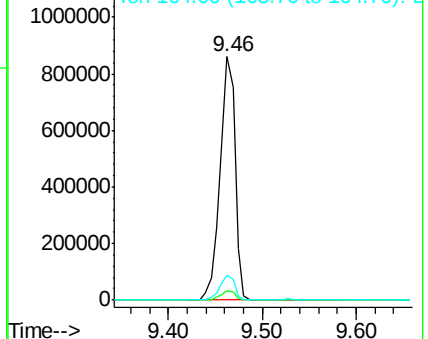
163 100

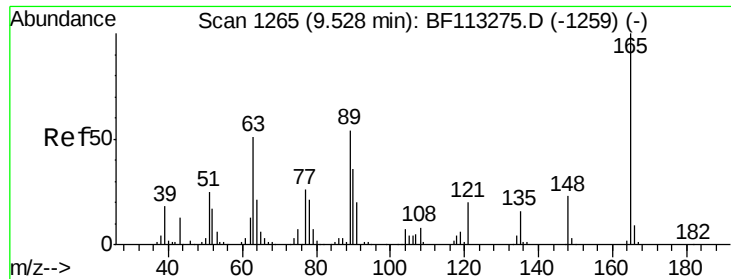
194 3.8 3.0 4.6

164 10.2 8.1 12.1



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

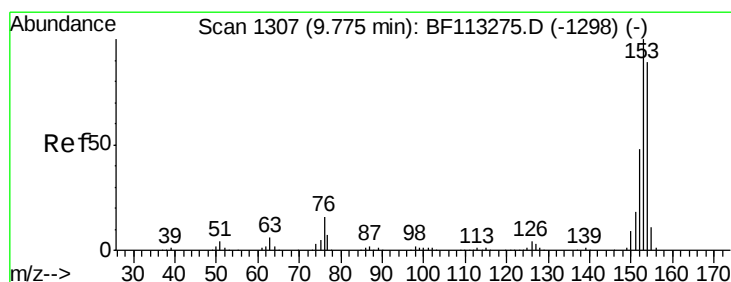
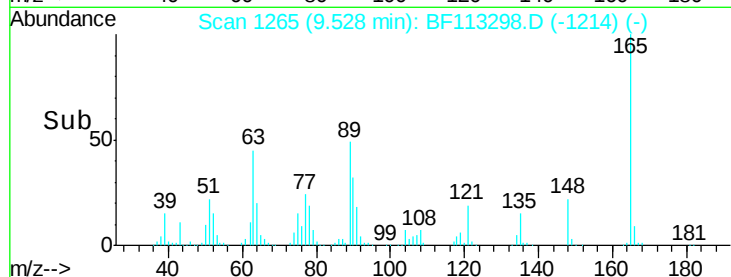
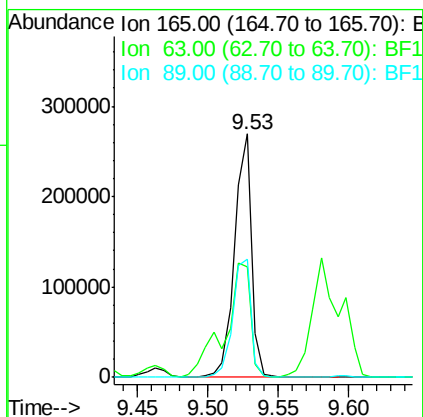
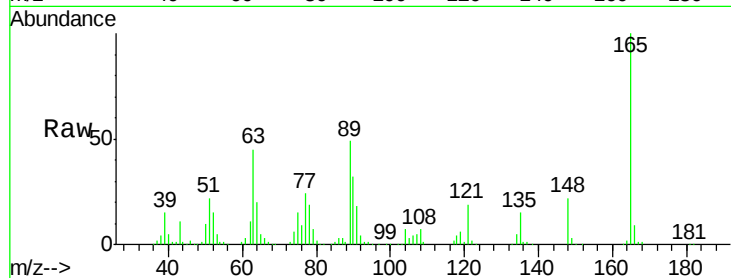




#51
2,6-Dinitrotoluene
Concen: 41.912 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

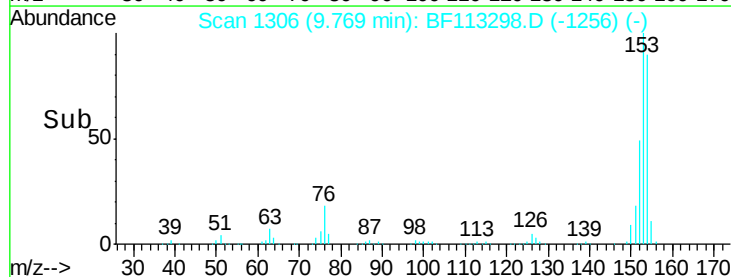
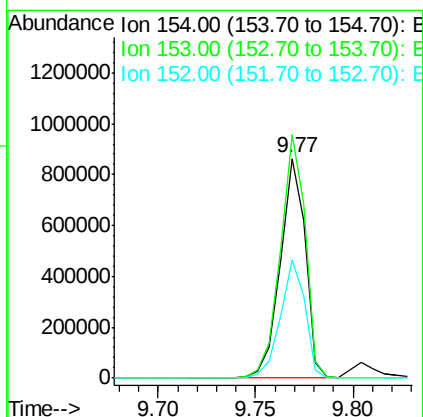
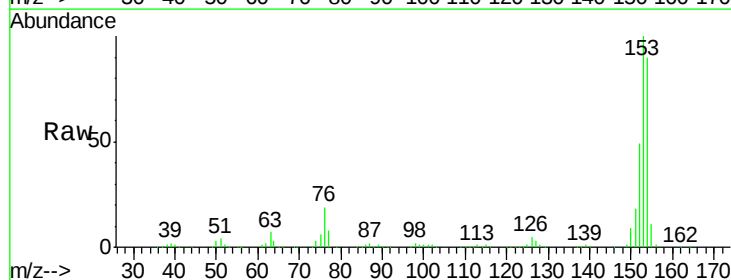
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

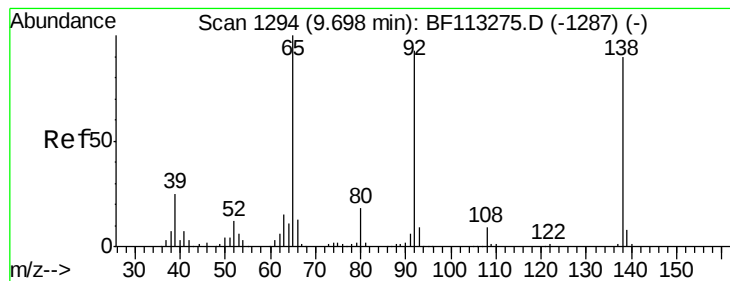
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.2	43.4	65.0
89	48.6	43.1	64.7



#52
Acenaphthene
Concen: 41.007 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.5	134.3
152	54.0	43.3	64.9





#53

3-Nitroaniline

Concen: 43.012 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

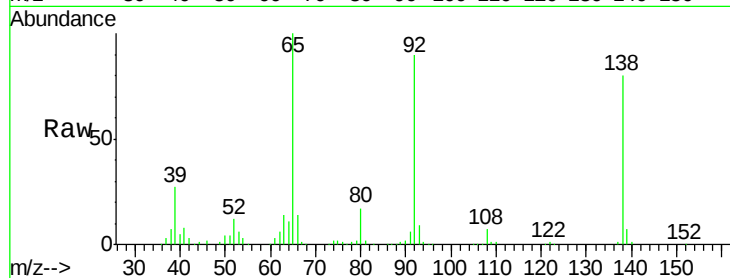
Tgt Ion:138 Resp: 259705

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

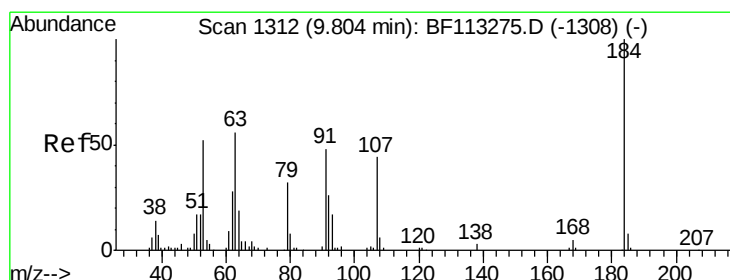
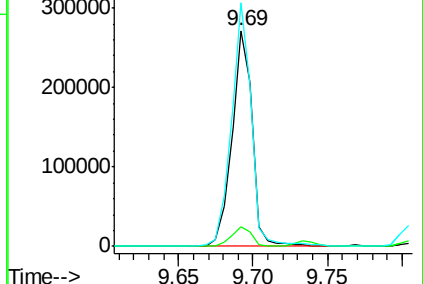
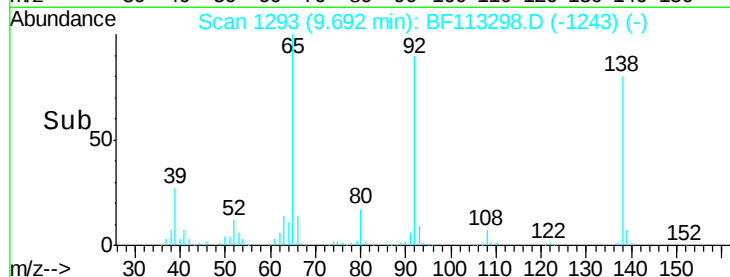
92 112.8 82.6 124.0



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: 39.602 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

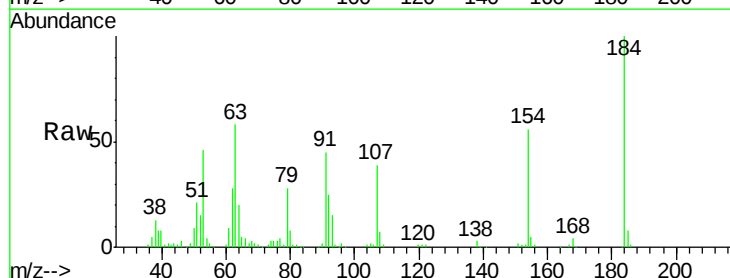
Tgt Ion:184 Resp: 105457

Ion Ratio Lower Upper

184 100

63 58.0 54.3 81.5

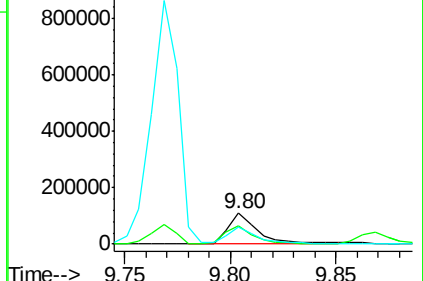
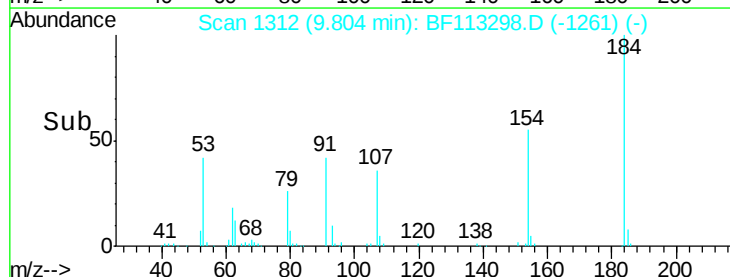
154 55.9 48.4 72.6

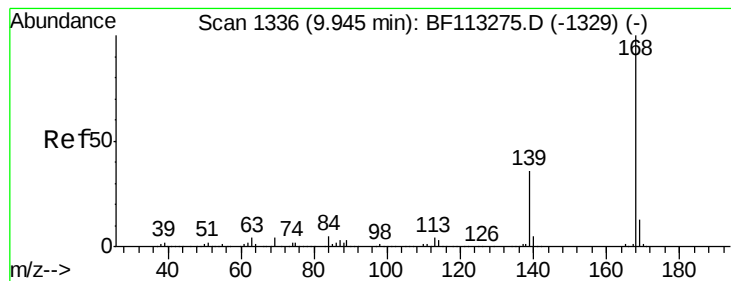


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.778 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

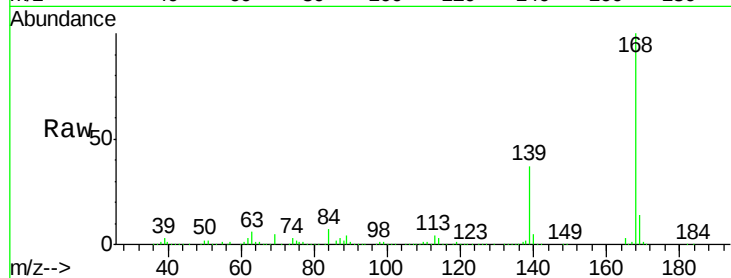
Tgt Ion:168 Resp: 1149551

Ion Ratio Lower Upper

168 100

139 37.0 29.7 44.5

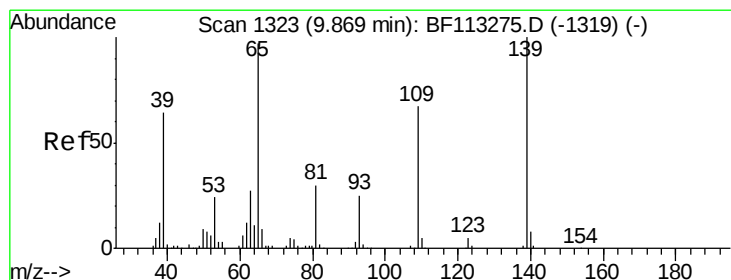
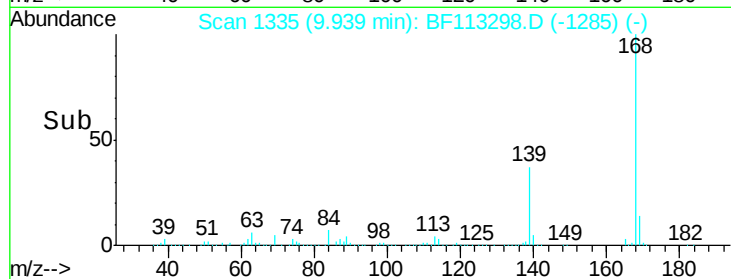
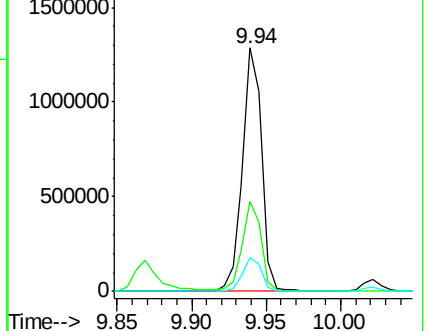
169 13.9 10.7 16.1



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: 42.427 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

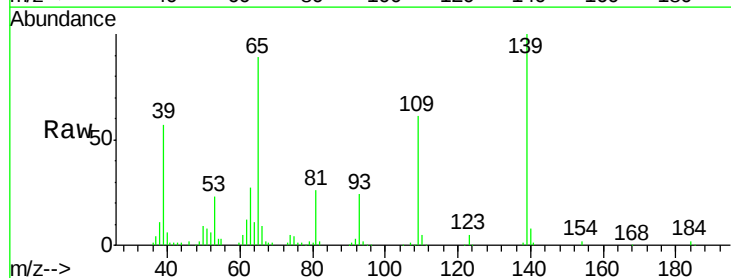
Tgt Ion:139 Resp: 182634

Ion Ratio Lower Upper

139 100

109 61.3 46.9 86.9

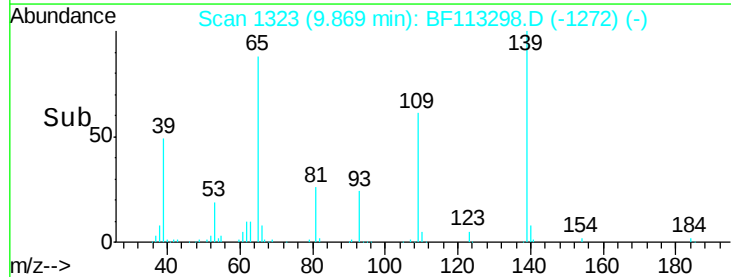
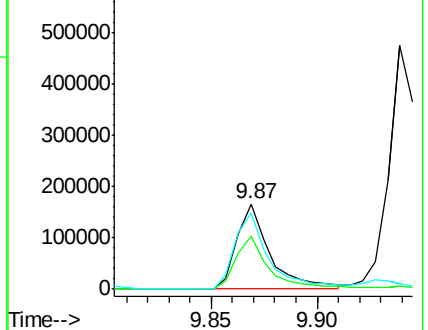
65 88.7 77.2 117.2

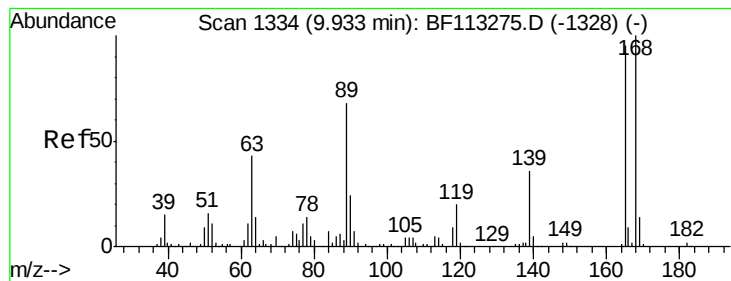


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.602 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 290070

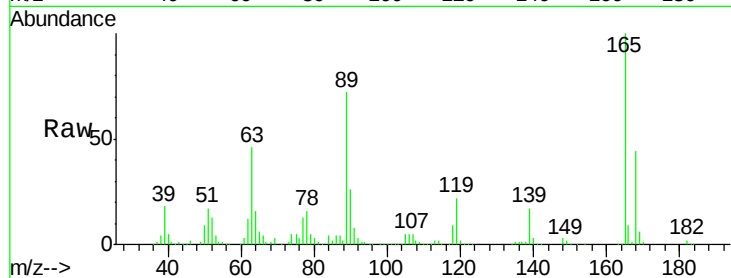
Ion Ratio Lower Upper

165 100

63 46.4 37.5 56.3

89 72.3 57.4 86.2

182 2.3 2.0 3.0

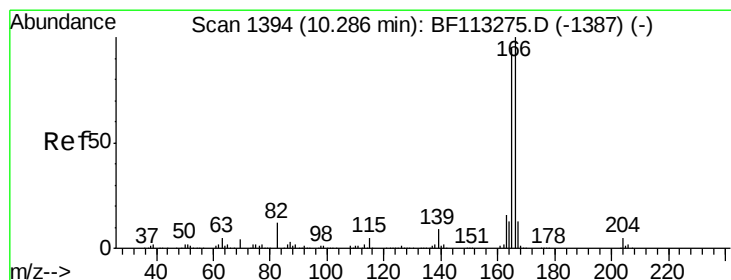
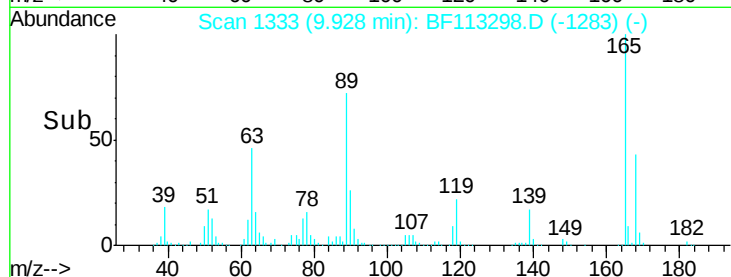
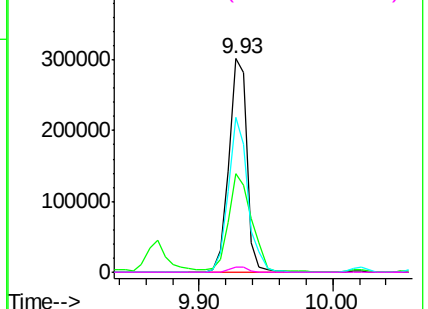


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.133 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

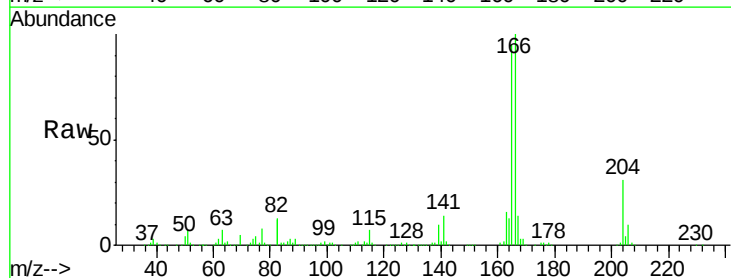
Tgt Ion:166 Resp: 878902

Ion Ratio Lower Upper

166 100

165 94.6 76.2 114.2

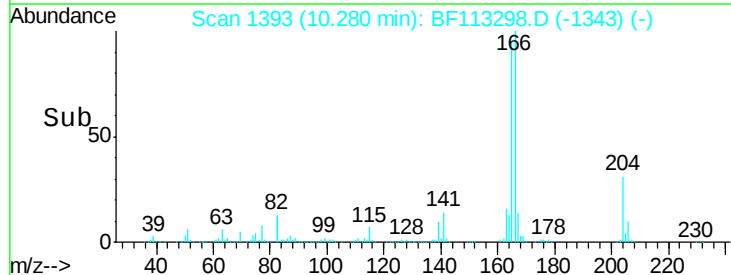
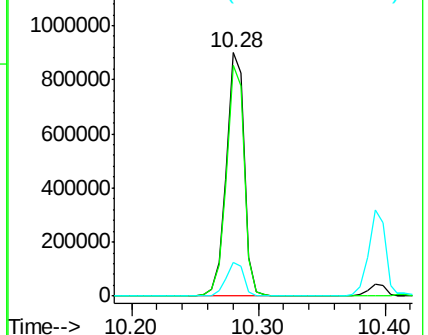
167 13.7 10.7 16.1

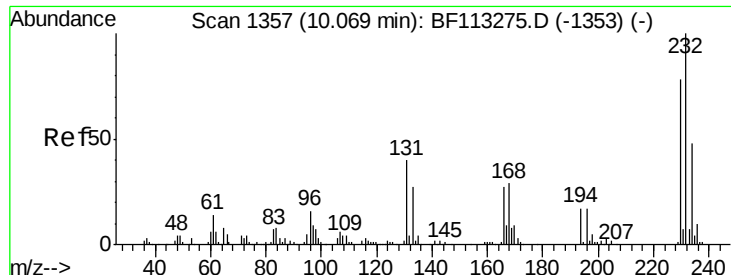


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

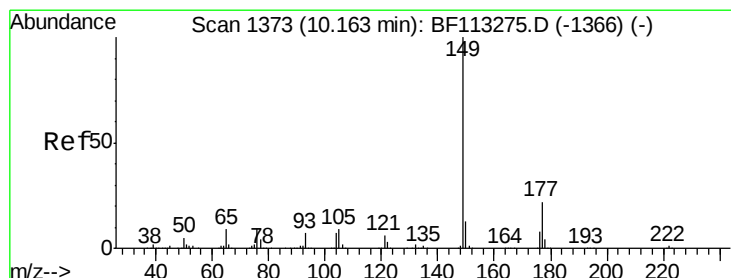
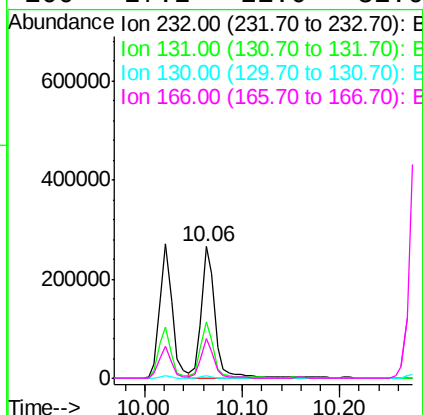
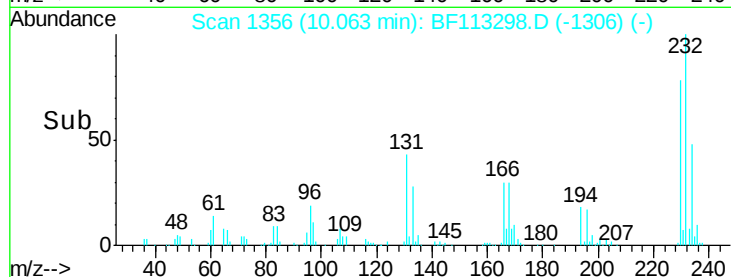
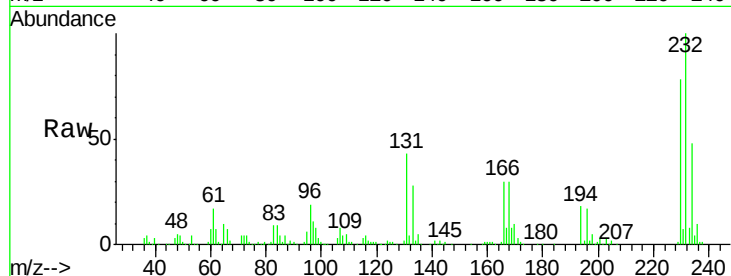




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.412 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

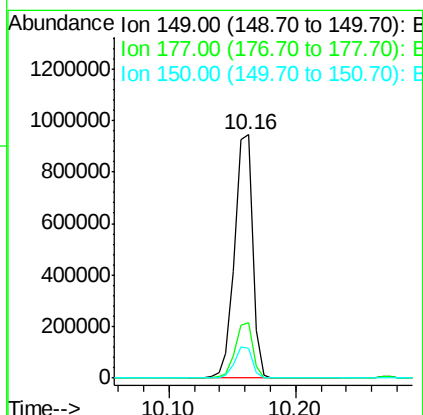
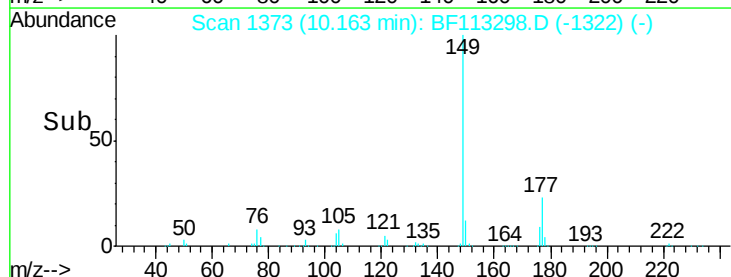
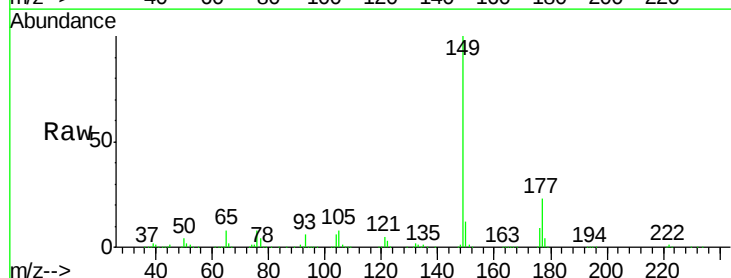
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

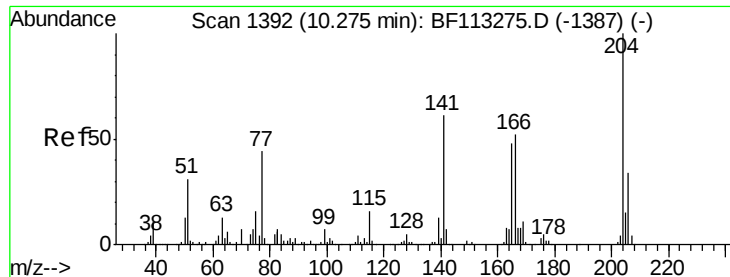
Tgt Ion:	232	Resp:	259445
Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.2	49.8
130	1.9	1.6	2.4
166	27.2	21.0	31.6



#60
 Diethylphthalate
 Concen: 39.620 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion:	149	Resp:	922429
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.0
150	12.2	10.0	15.0

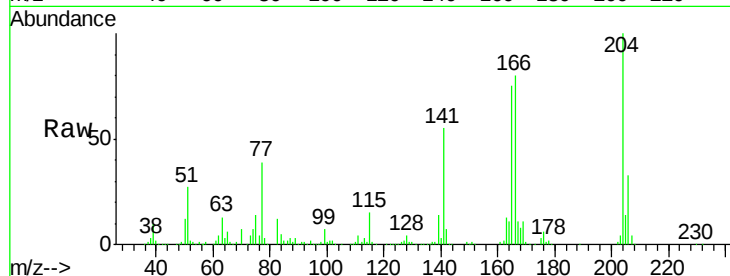




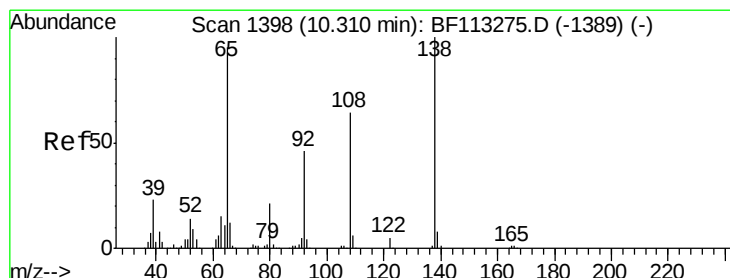
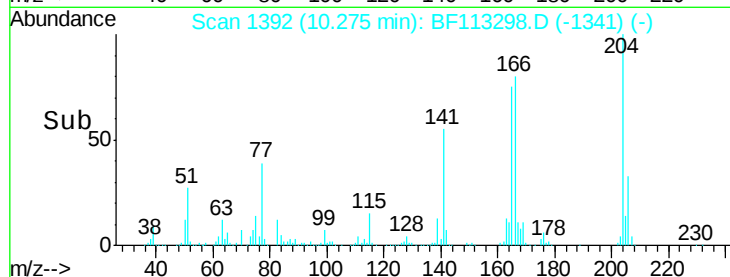
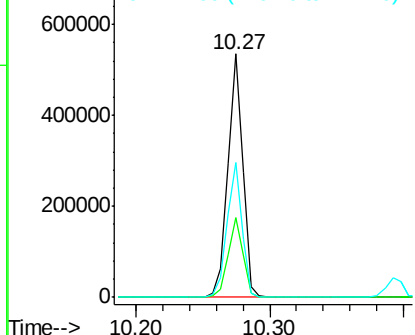
#61
4-Chlorophenyl-phenylether
Concen: 40.146 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 428495
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 55.3 48.8 73.2

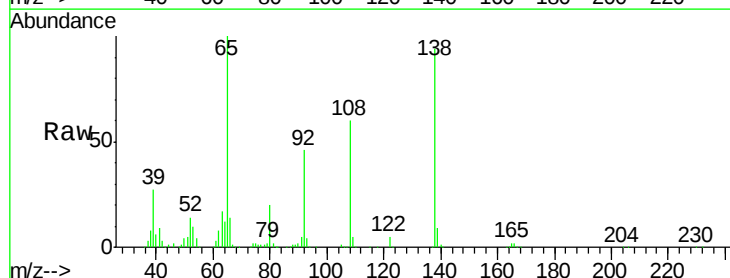


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

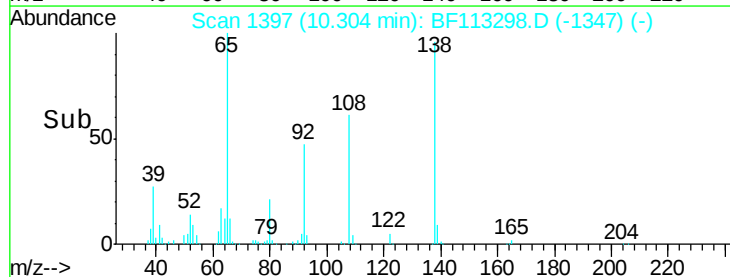
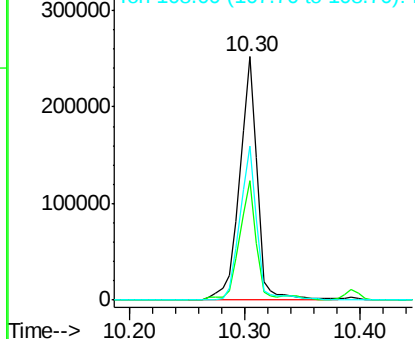


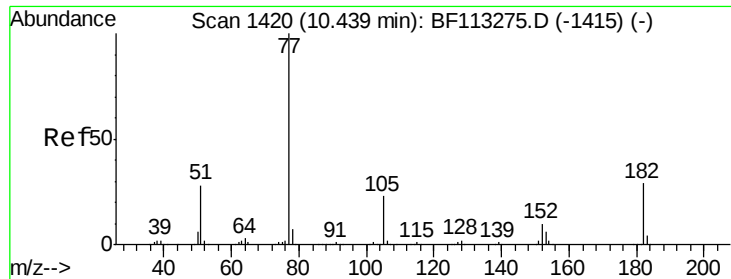
#62
4-Nitroaniline
Concen: 43.338 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:138 Resp: 269413
Ion Ratio Lower Upper
138 100
92 49.0 25.8 65.8
108 63.4 44.0 84.0



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





#63

Azobenzene

Concen: 40.692 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 891804

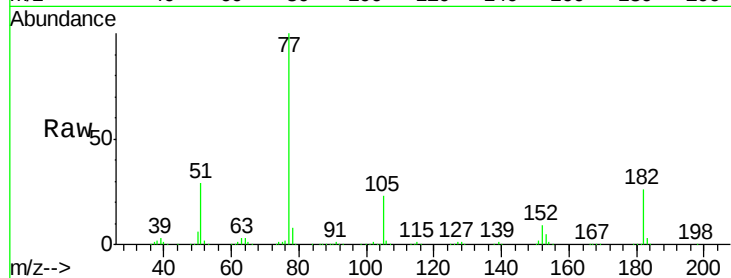
Ion Ratio Lower Upper

77 100

182 25.6 8.7 48.7

105 23.2 2.9 42.9

51 29.2 8.8 48.8

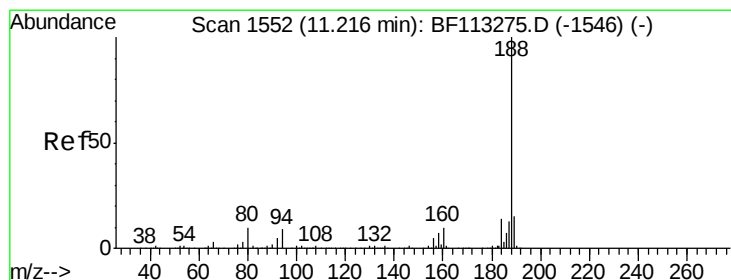
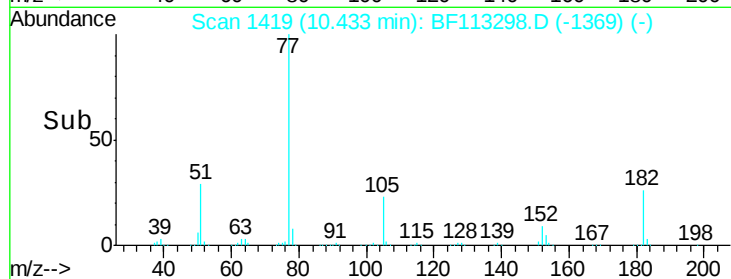
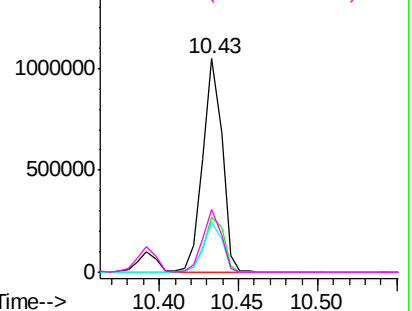


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

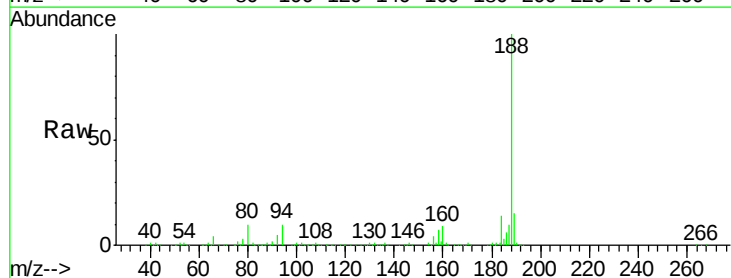
Tgt Ion: 188 Resp: 652121

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

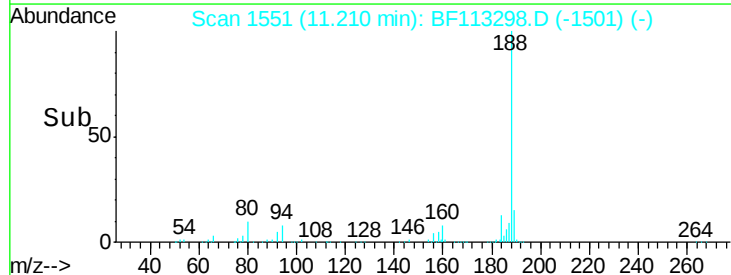
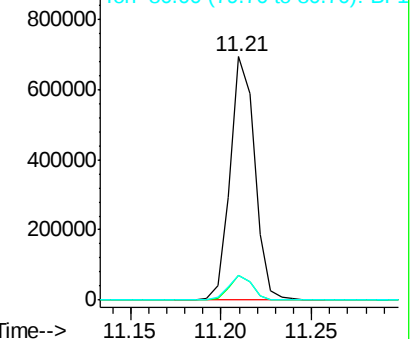
80 10.2 7.7 11.5

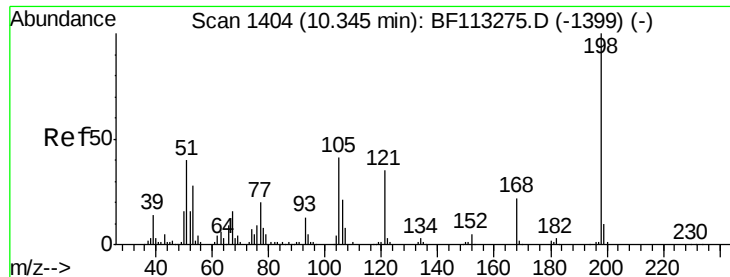


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

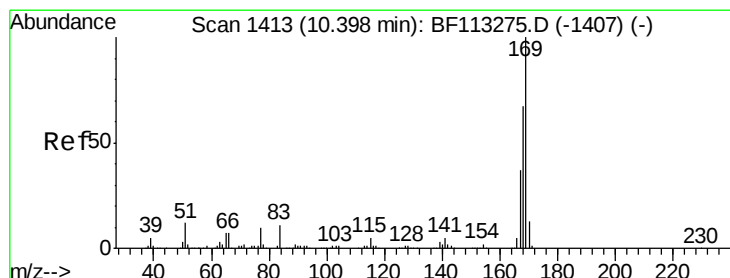
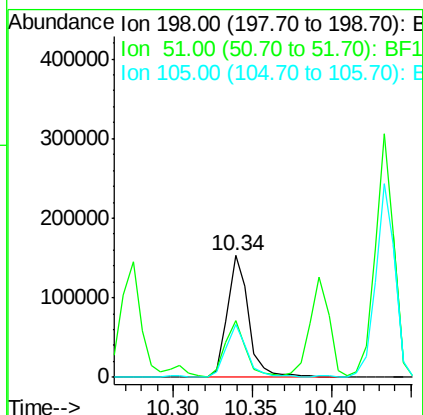
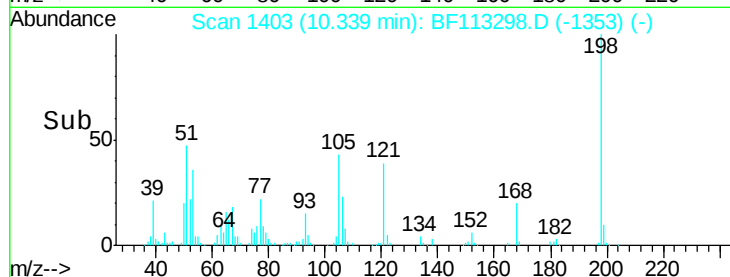
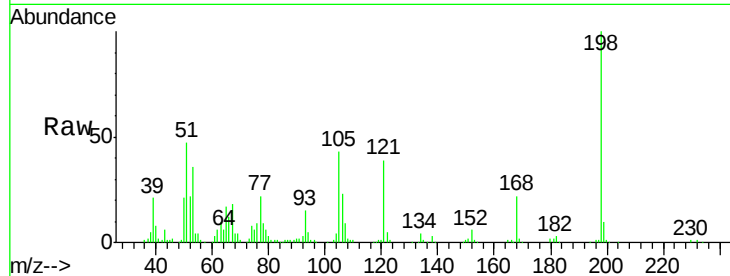




#65
4,6-Dinitro-2-methylphenol
Concen: 40.235 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

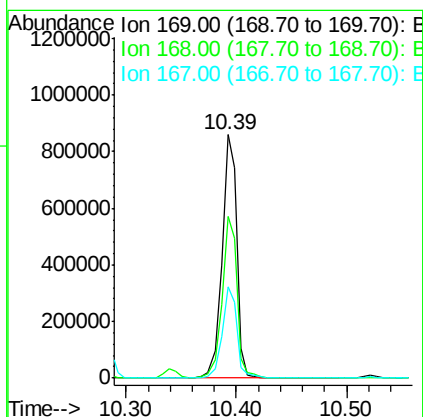
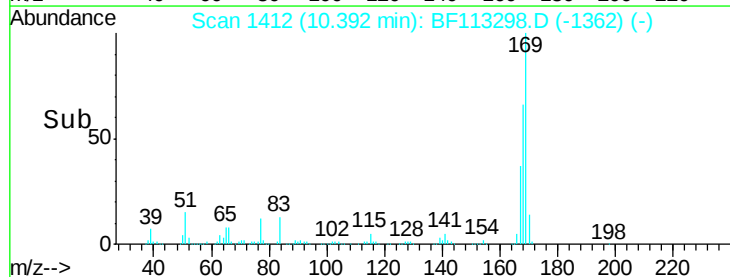
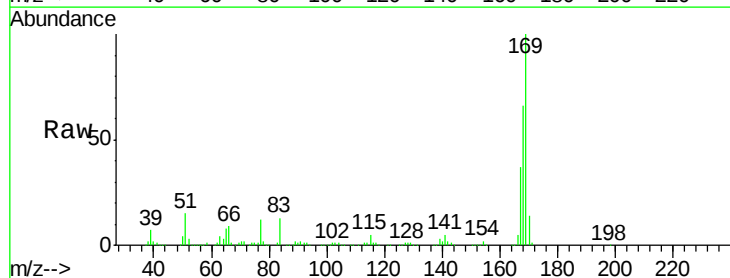
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

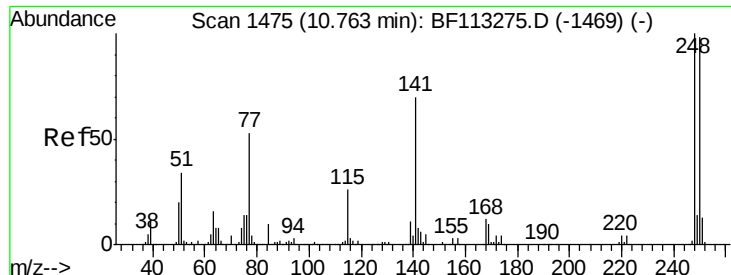
Tgt Ion:198 Resp: 143534
Ion Ratio Lower Upper
198 100
51 46.7 21.6 61.6
105 43.3 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 39.804 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:169 Resp: 796495
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 37.2 29.5 44.3

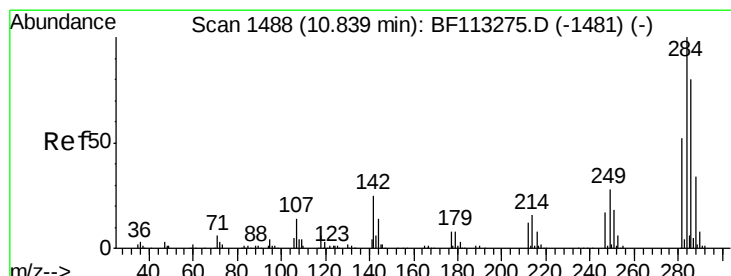
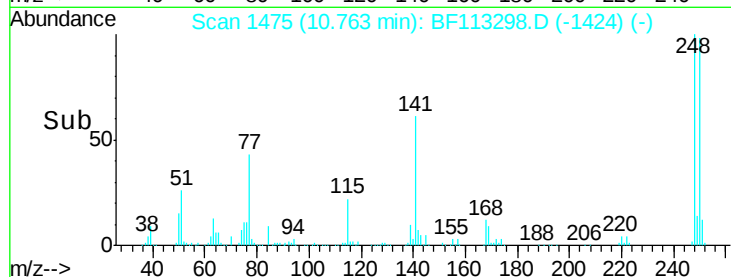
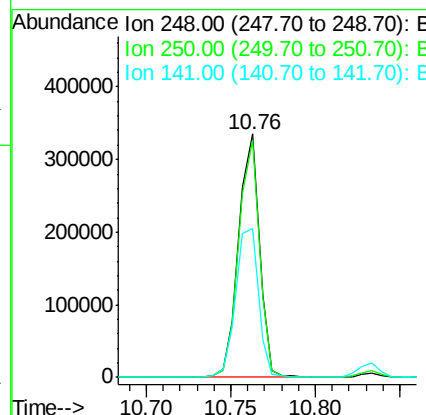
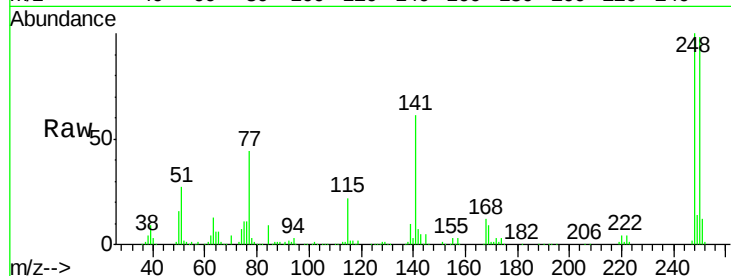




#67
 4-Bromophenyl-phenylether
 Concen: 40.534 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

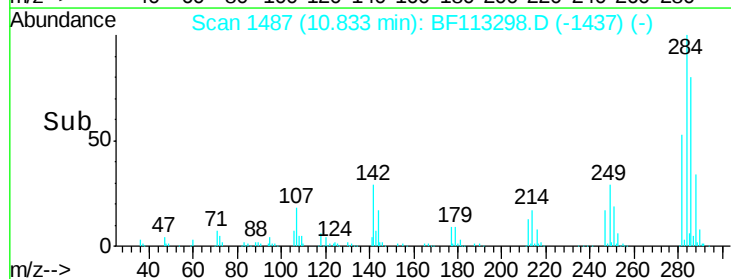
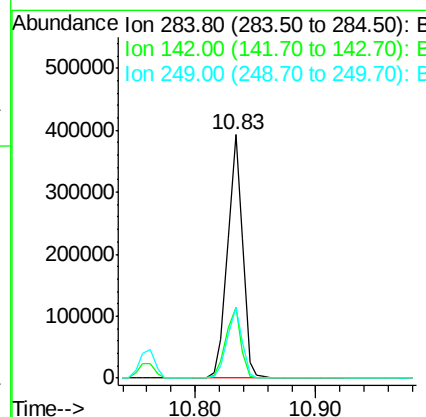
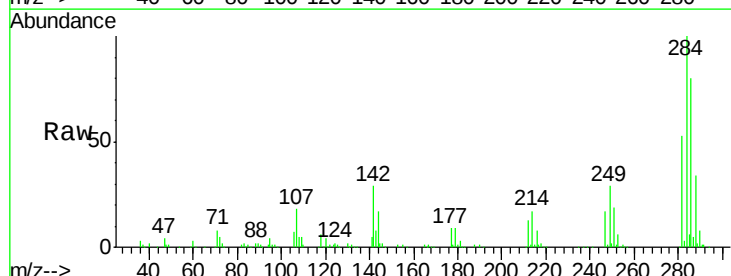
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

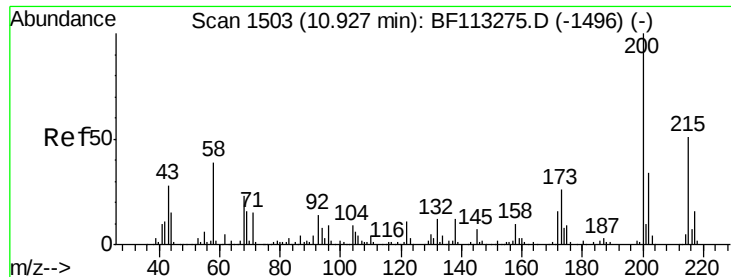
Tgt Ion:248 Resp: 288097
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.3 117.5
 141 61.2 56.2 84.4



#68
 Hexachlorobenzene
 Concen: 40.919 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion:284 Resp: 337588
 Ion Ratio Lower Upper
 284 100
 142 29.1 20.1 30.1
 249 29.0 22.7 34.1





#69

Atrazine

Concen: 40.465 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

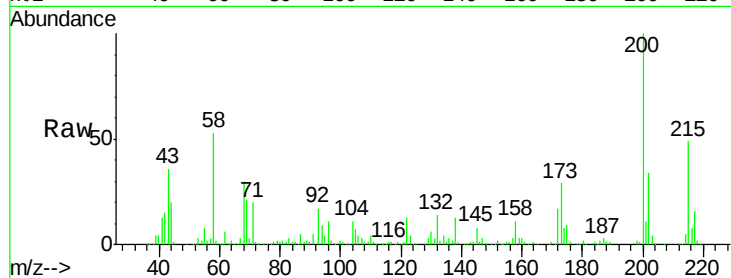
Tgt Ion:200 Resp: 255579

Ion Ratio Lower Upper

200 100

173 29.1 6.0 46.0

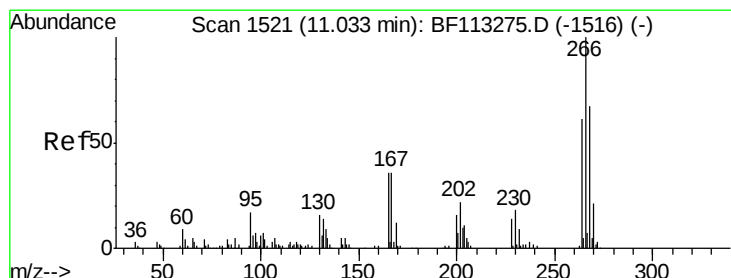
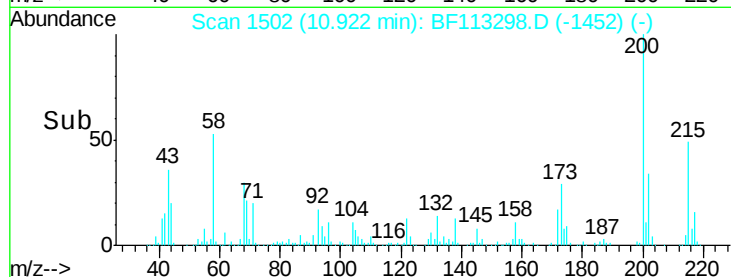
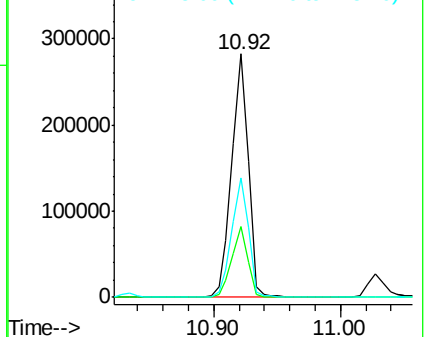
215 49.0 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.677 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

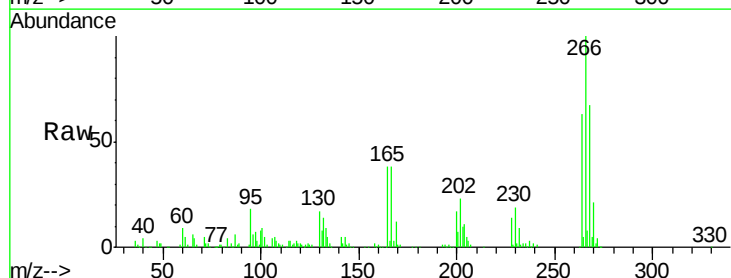
Tgt Ion:266 Resp: 179142

Ion Ratio Lower Upper

266 100

268 67.3 53.8 80.6

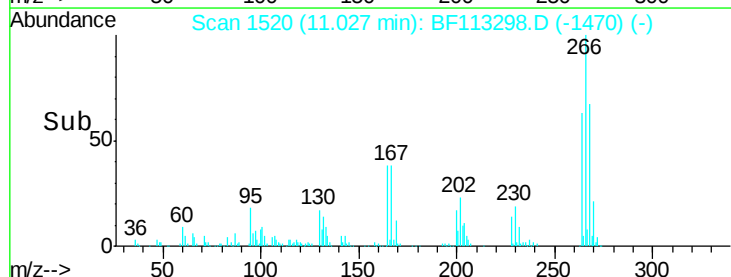
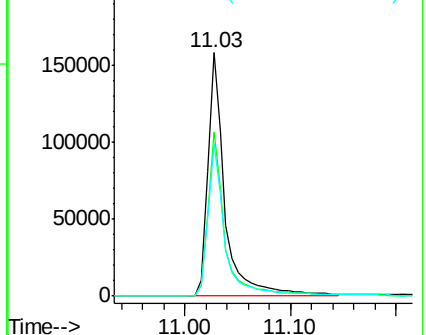
264 62.7 49.2 73.8

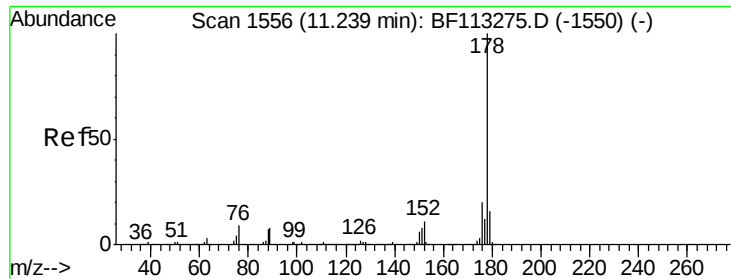


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.861 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

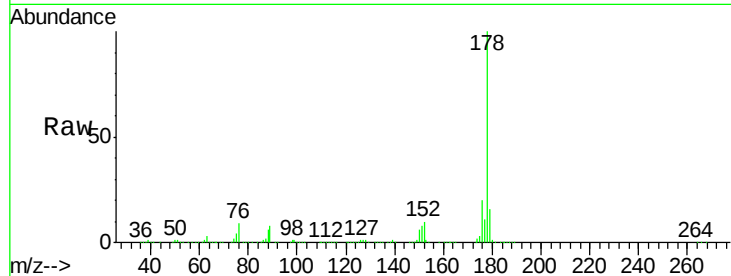
Tgt Ion:178 Resp: 1323244

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

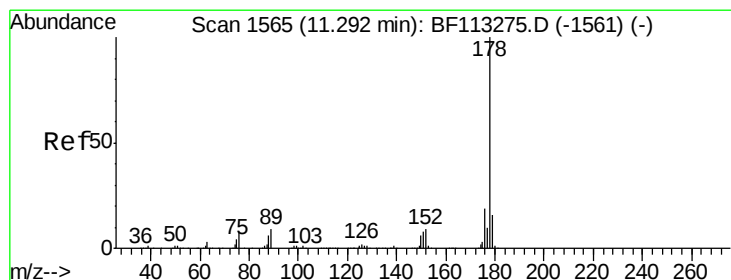
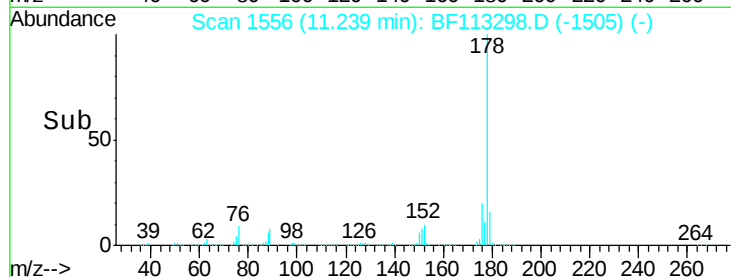
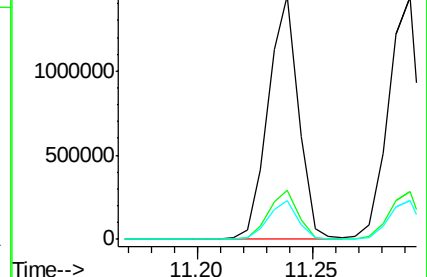
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.991 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

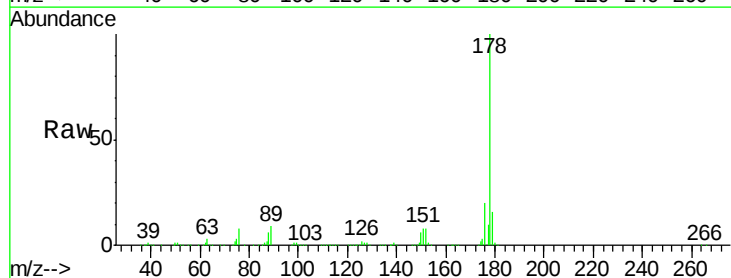
Tgt Ion:178 Resp: 1348382

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

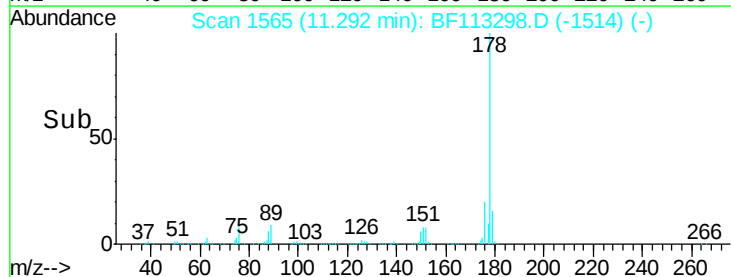
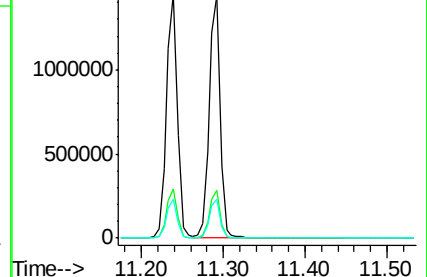
179 16.0 12.8 19.2

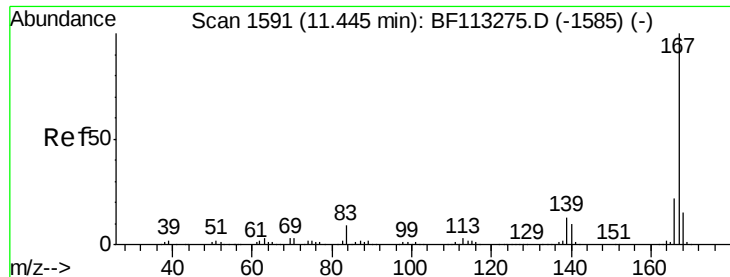


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

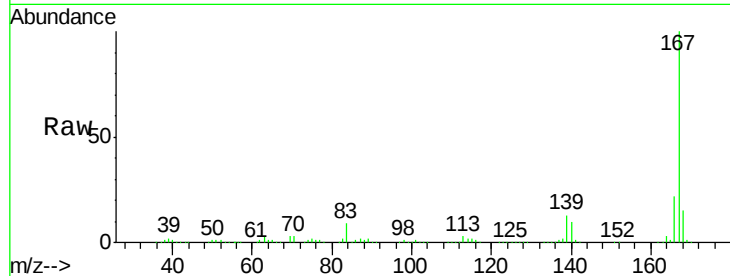




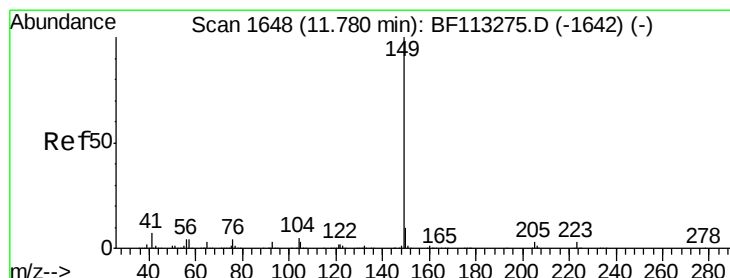
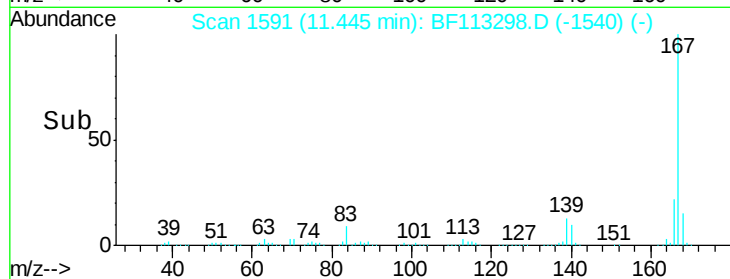
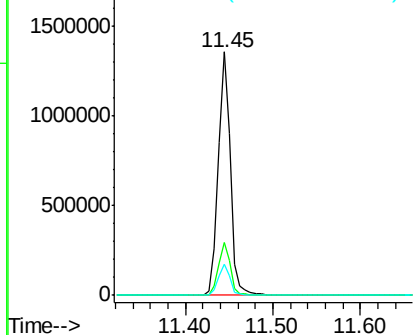
#73
 Carbazole
 Concen: 41.823 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1312725
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.0 10.4 15.6

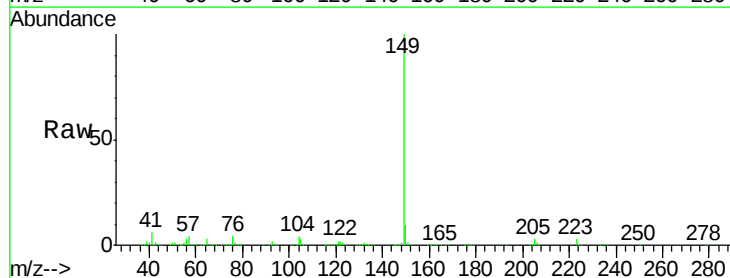


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

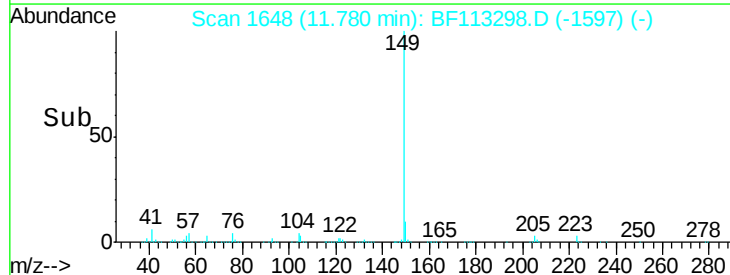
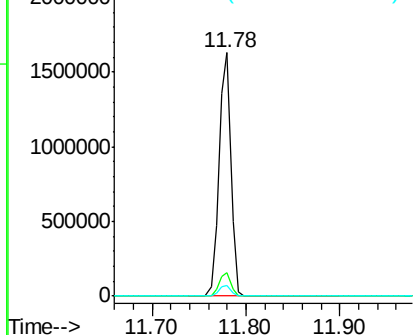


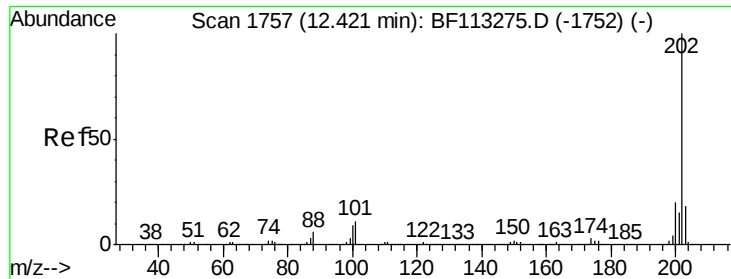
#74
 Di-n-butylphthalate
 Concen: 39.531 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion:149 Resp: 1438882
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

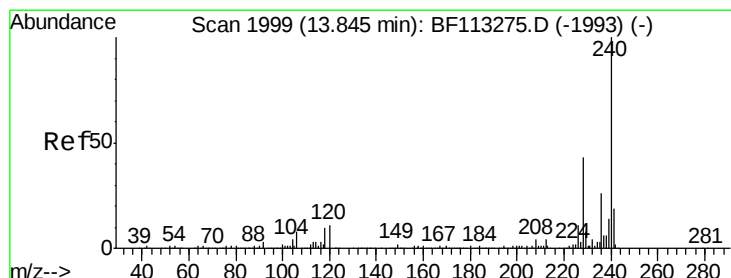
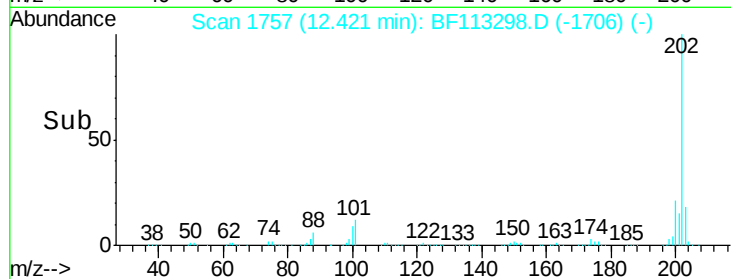
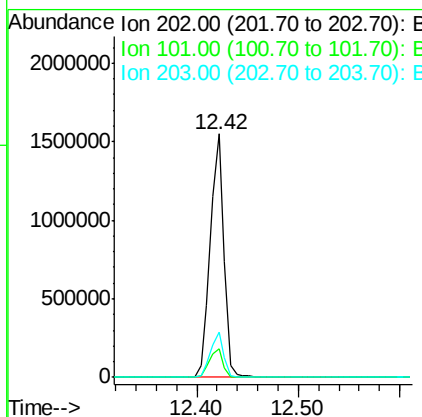
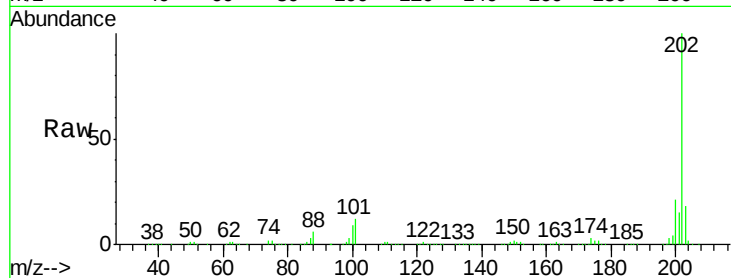




#75
 Fluoranthene
 Concen: 39.497 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

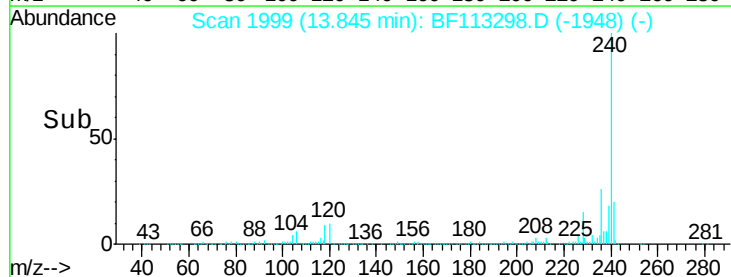
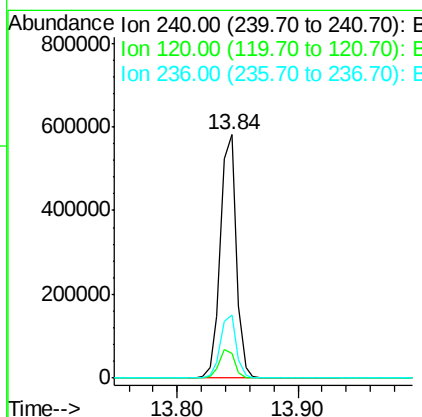
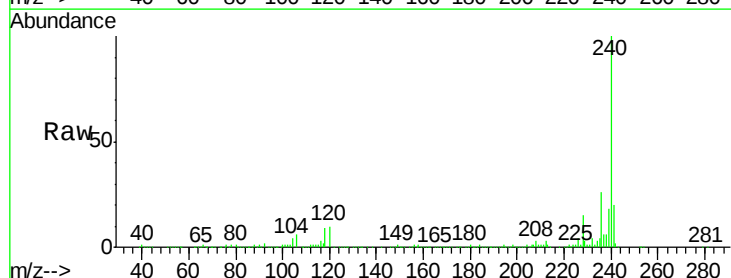
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

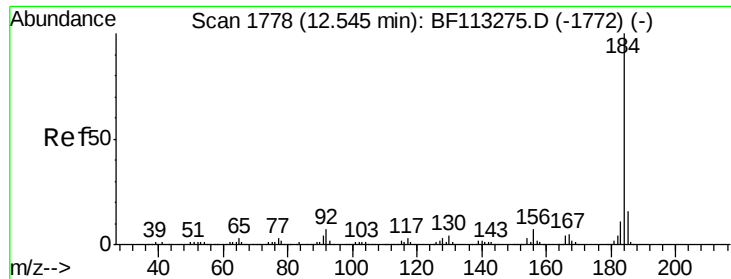
Tgt Ion: 202 Resp: 1446004
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.4
 203 18.4 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion: 240 Resp: 528020
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.8 13.2
 236 26.1 20.9 31.3





#77

Benzidine

Concen: 41.427 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

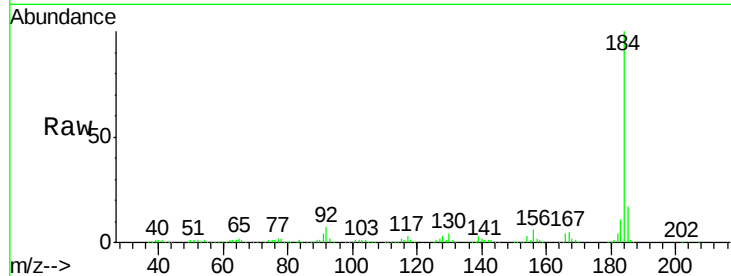
Tgt Ion:184 Resp: 837681

Ion Ratio Lower Upper

184 100

185 17.4 13.0 19.6

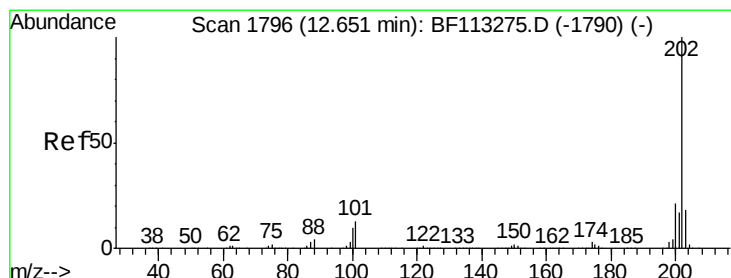
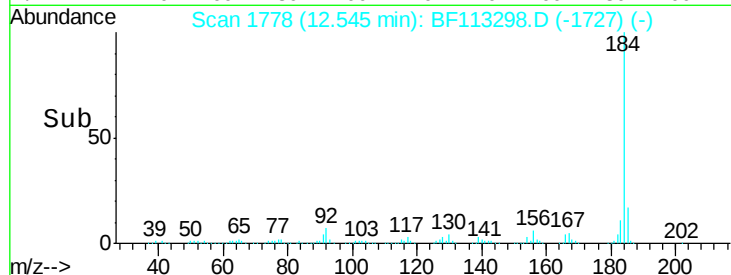
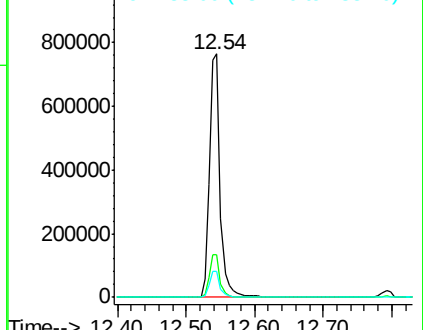
183 10.9 9.0 13.4



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: 40.690 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

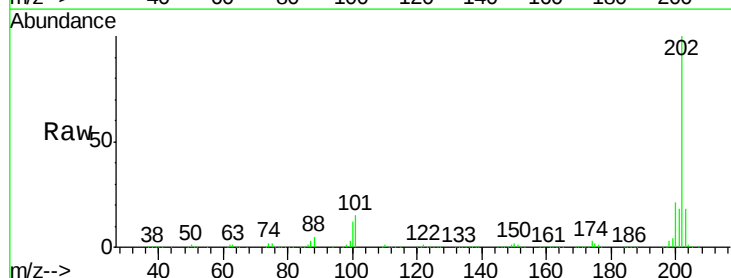
Tgt Ion:202 Resp: 1488839

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

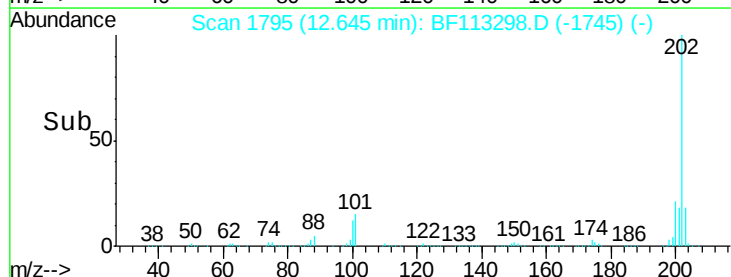
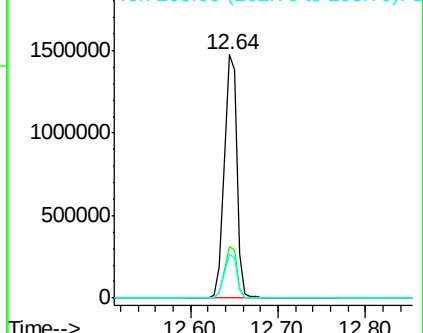
203 18.3 14.4 21.6

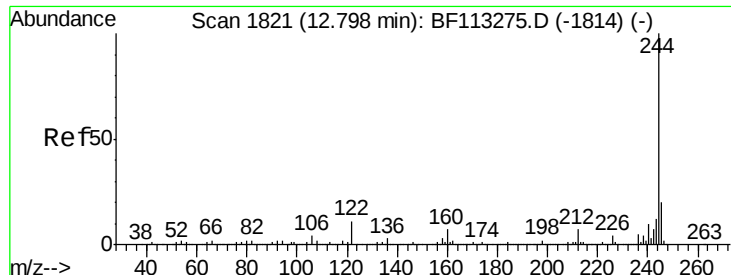


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

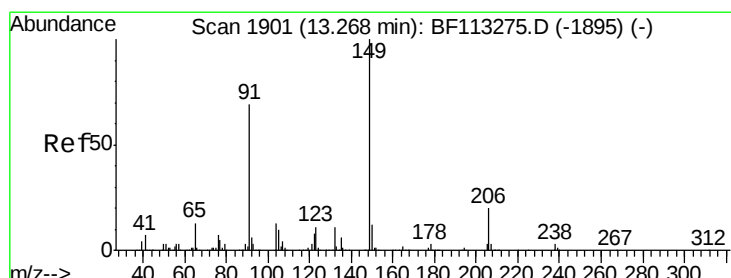
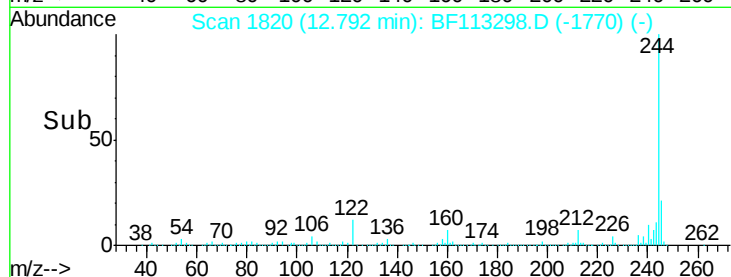
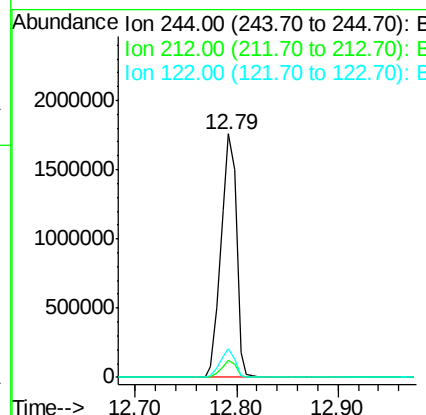
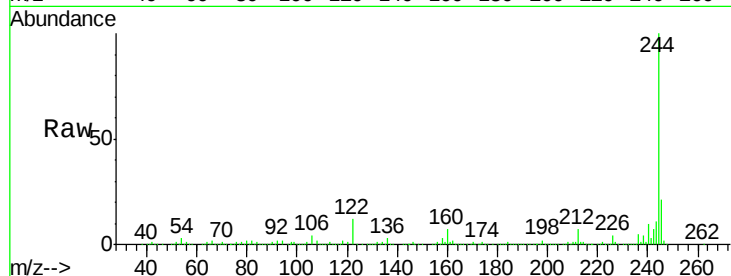




#79
 Terphenyl-d14
 Concen: 77.880 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

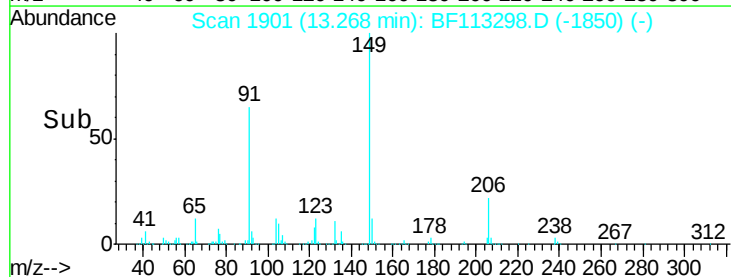
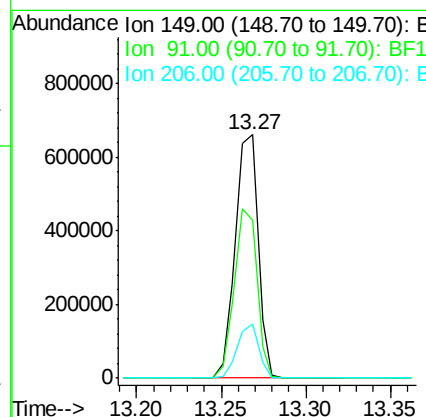
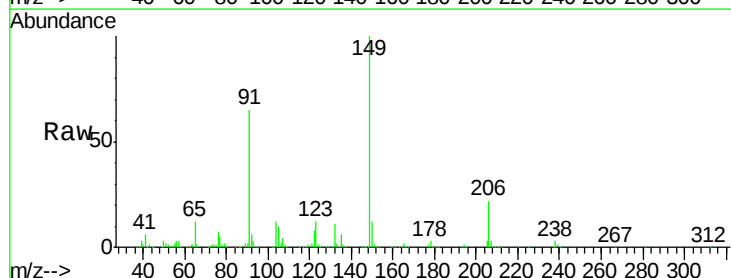
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

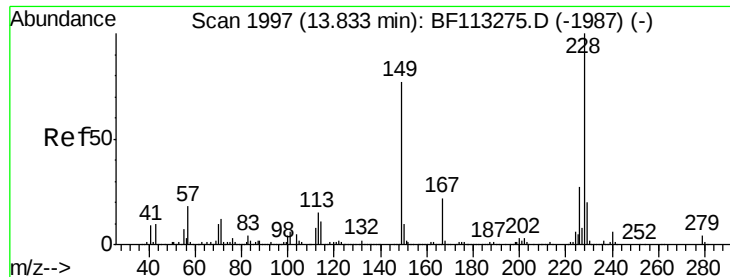
Tgt Ion: 244 Resp: 1865647
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.6 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 38.722 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF113298.D
 Acq: 26 Mar 2019 18:23

Tgt Ion: 149 Resp: 624416
 Ion Ratio Lower Upper
 149 100
 91 64.6 55.2 82.8
 206 22.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.389 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

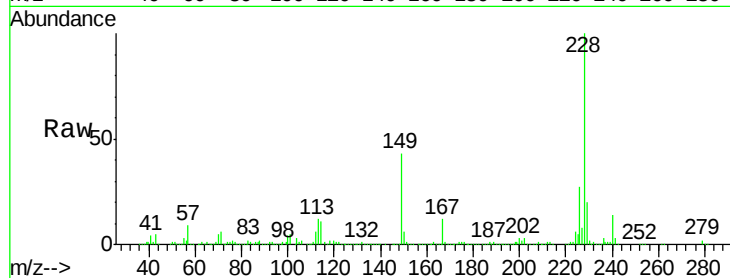
Tgt Ion:228 Resp: 1220747

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

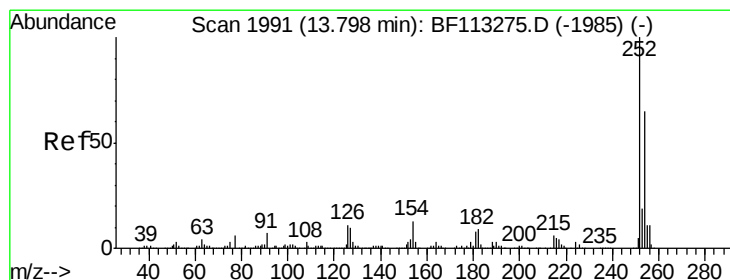
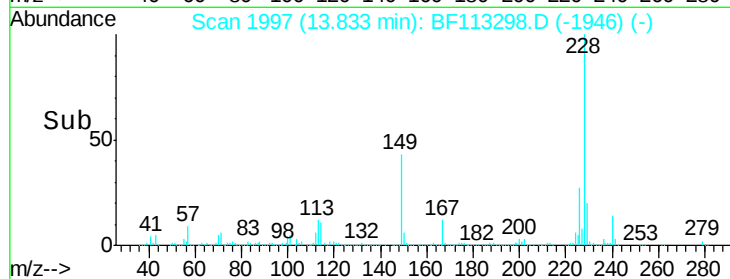
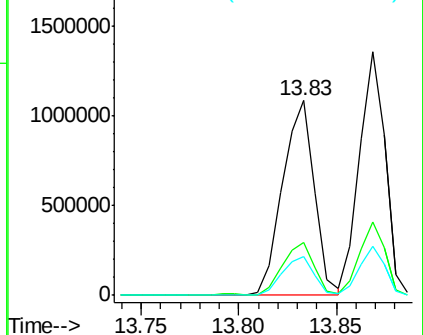
229 20.2 16.2 24.4



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: 42.560 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

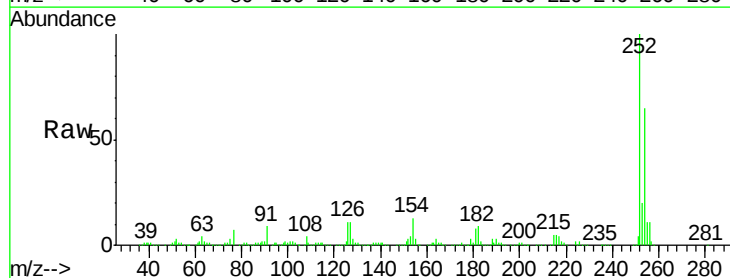
Tgt Ion:252 Resp: 516057

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

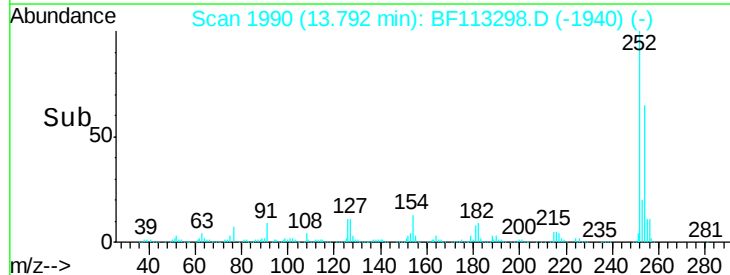
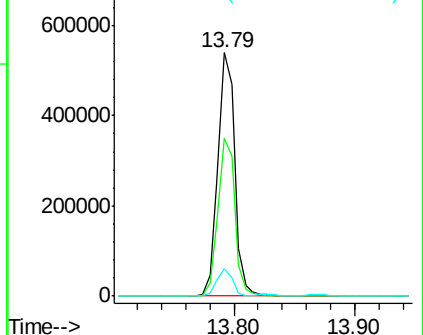
126 11.4 8.5 12.7

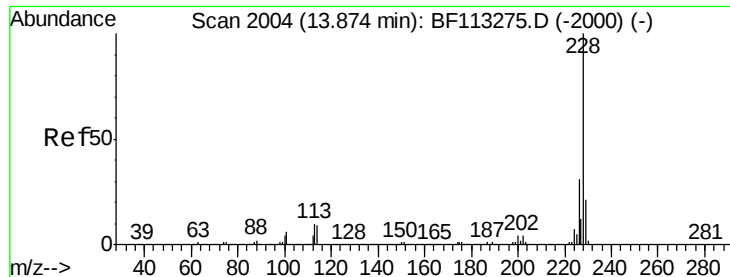


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.899 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

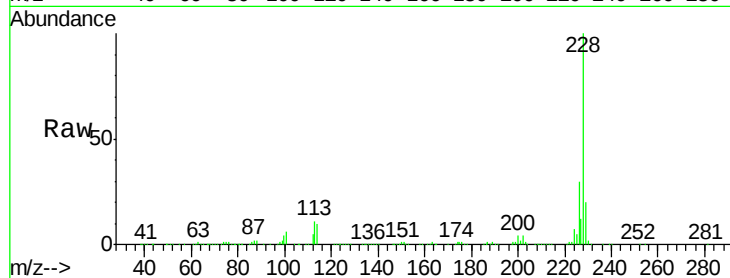
Tgt Ion:228 Resp: 1255597

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

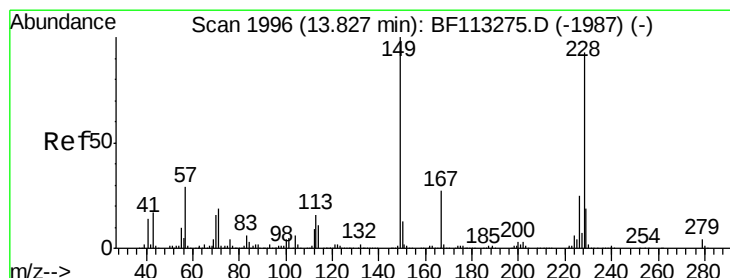
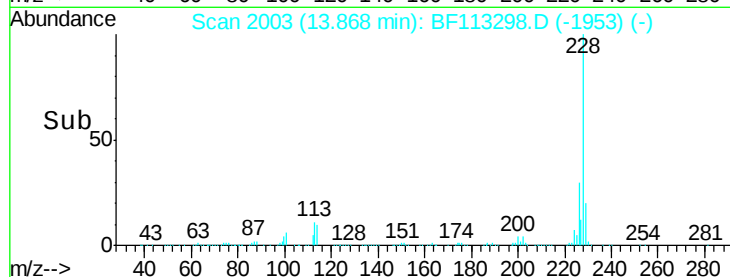
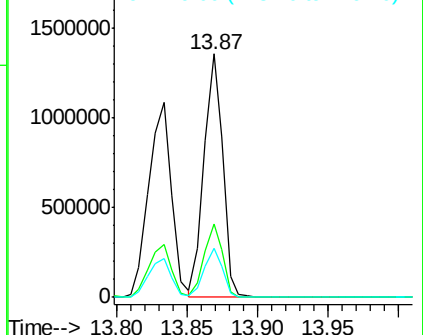
229 20.4 16.3 24.5



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: 37.414 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113298.D

Acq: 26 Mar 2019 18:23

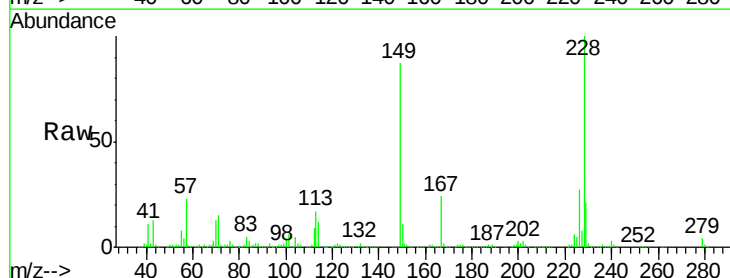
Tgt Ion:149 Resp: 739620

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

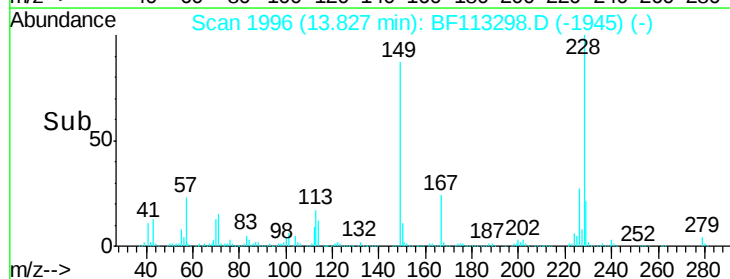
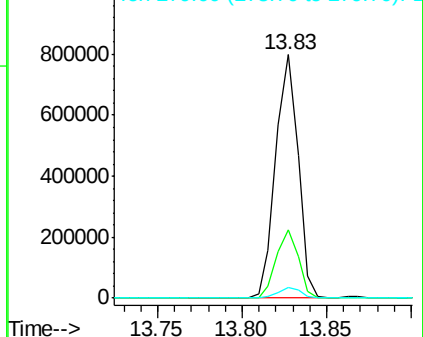
279 4.3 2.9 4.3

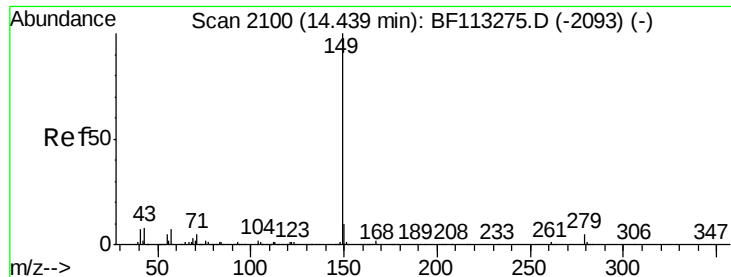


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

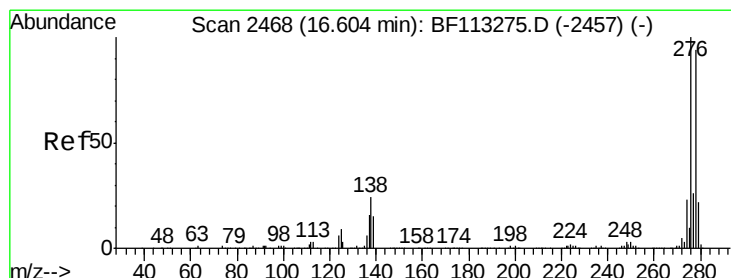
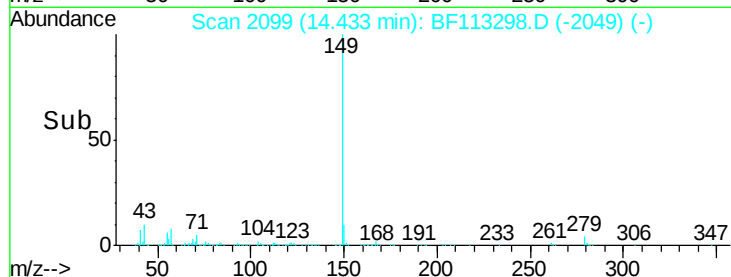
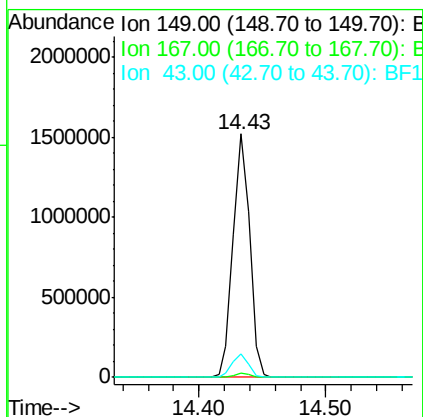
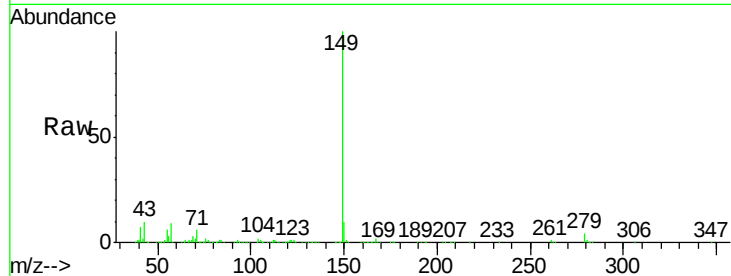




#85
Di-n-octyl phthalate
Concen: 40.972 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

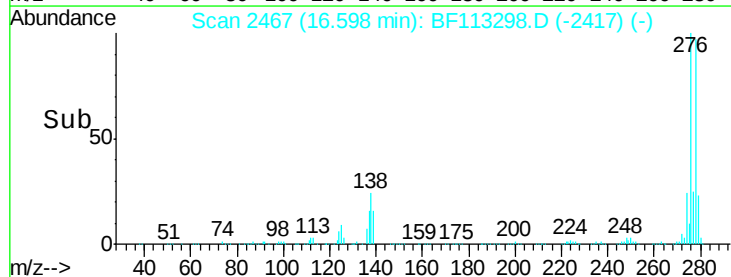
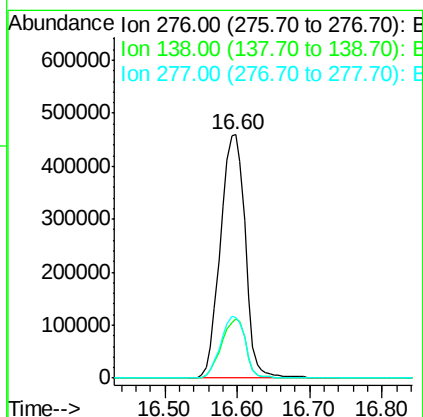
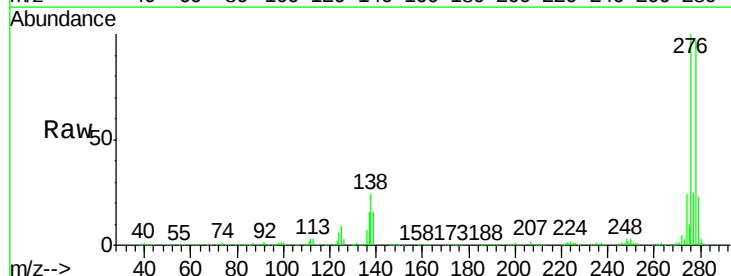
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

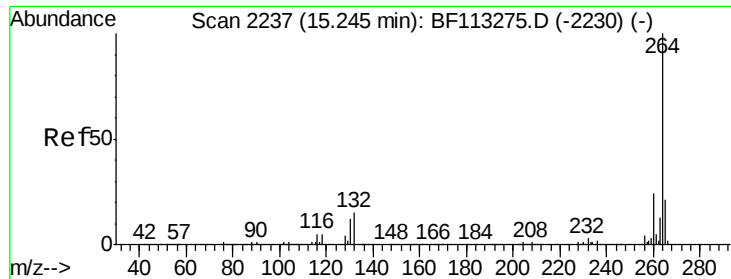
Tgt Ion:149 Resp: 1374847
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.639 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:276 Resp: 1097075
Ion Ratio Lower Upper
276 100
138 24.1 18.1 27.1
277 25.1 20.2 30.4



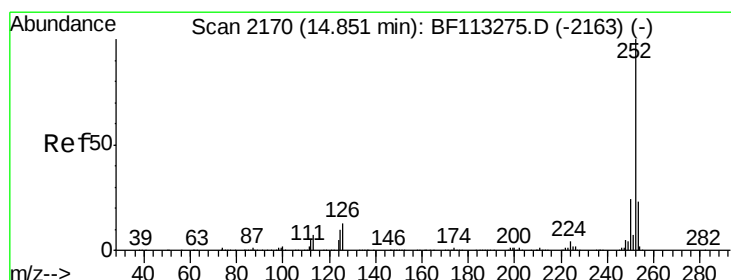
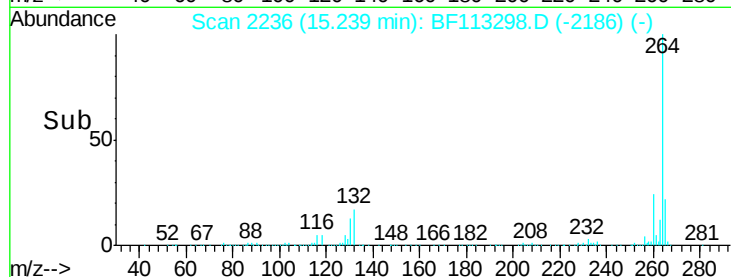
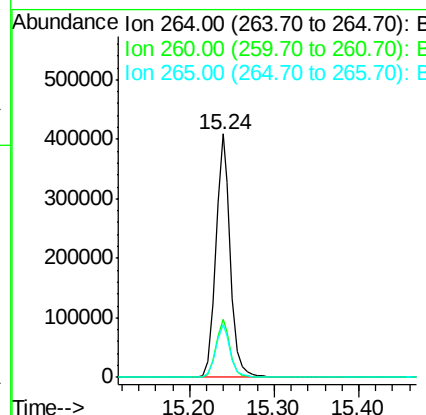
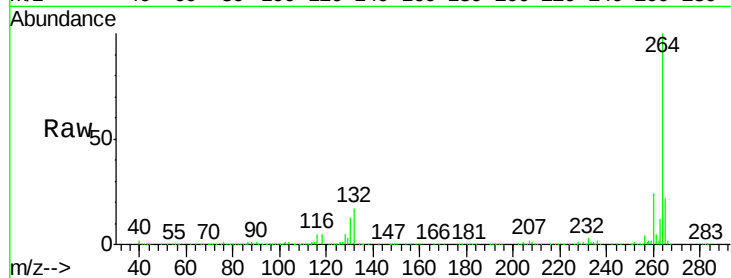


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 496786

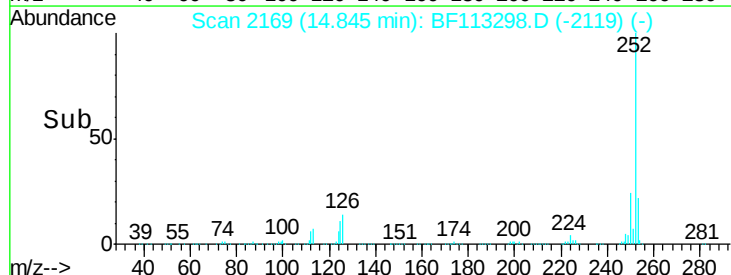
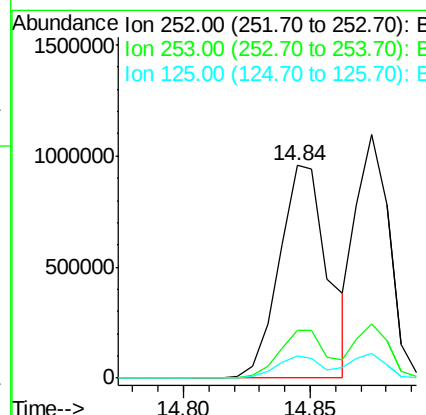
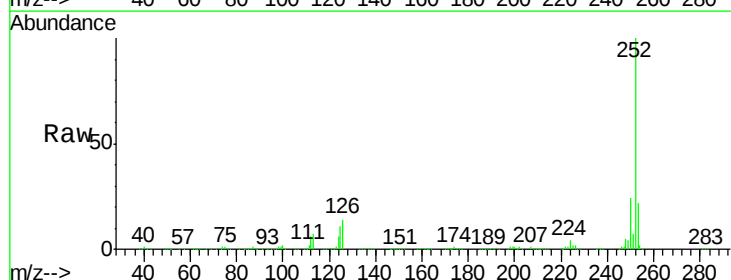
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.9	17.1	25.7

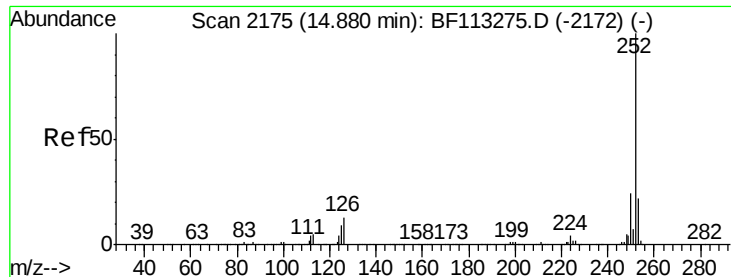


#88
Benzo(b)fluoranthene
Concen: 41.491 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion: 252 Resp: 1280429

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.7	7.6	11.4

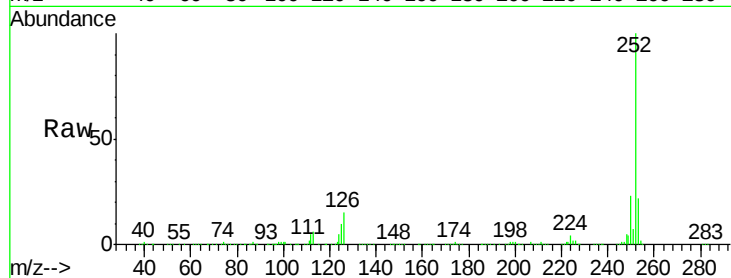




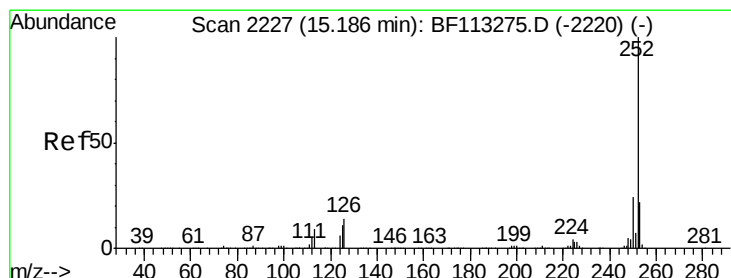
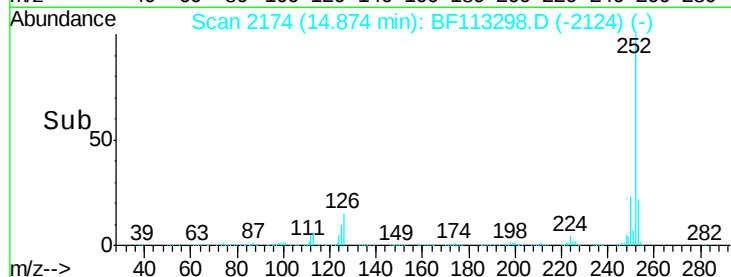
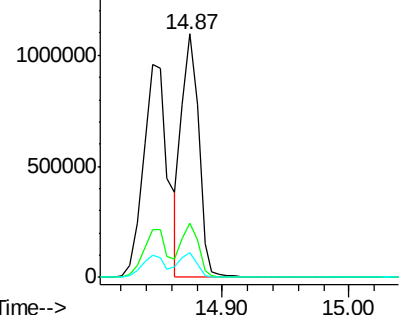
#89
Benzo(k)fluoranthene
Concen: 37.513 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1016647
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.4 7.3 10.9

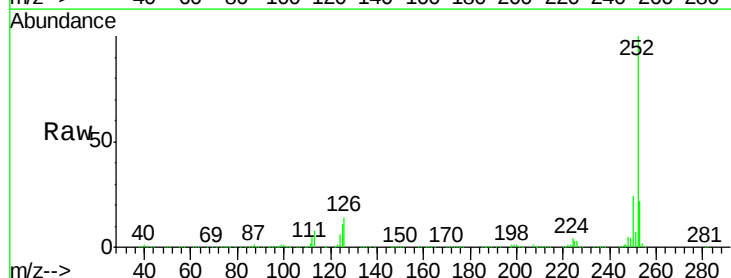


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

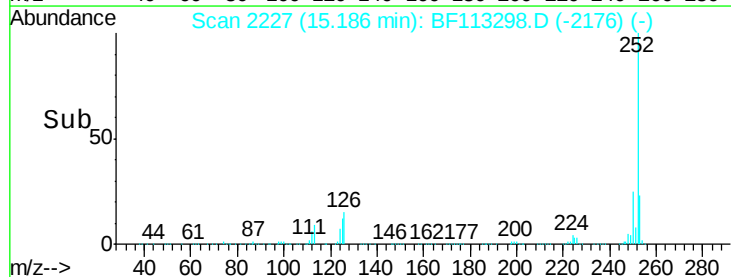
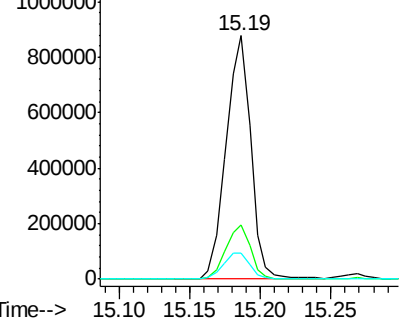


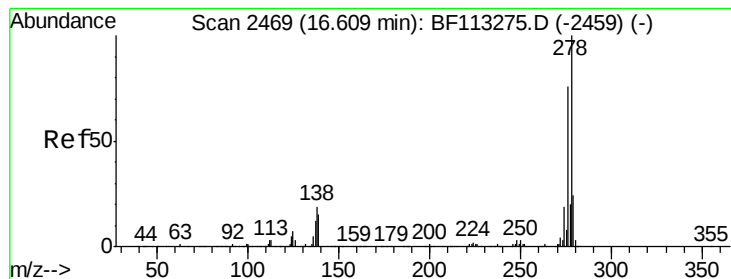
#90
Benzo(a)pyrene
Concen: 39.291 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion:252 Resp: 1074942
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.9 8.8 13.2



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

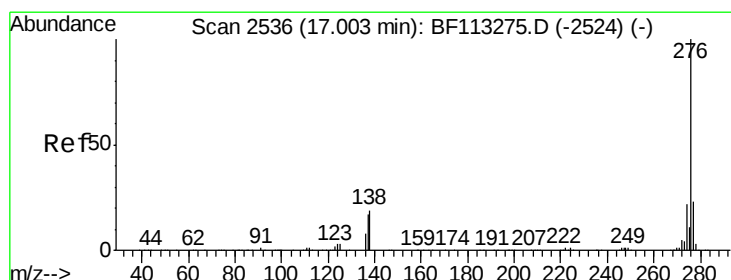
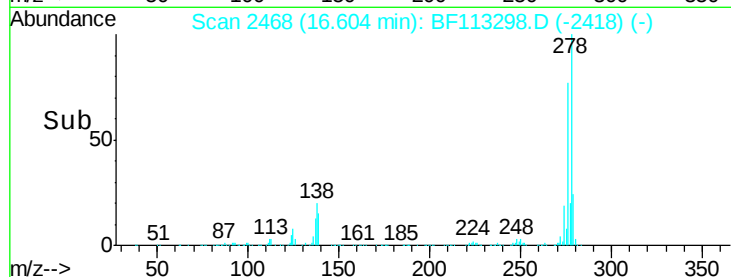
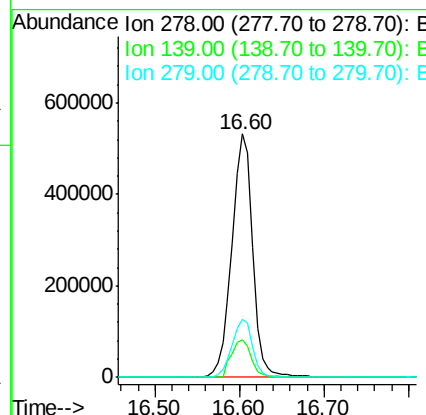
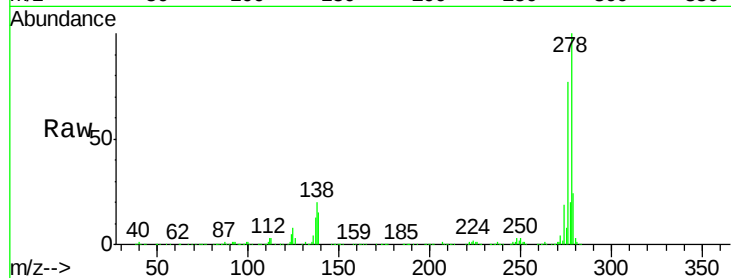




#91
Dibenzo(a,h)anthracene
Concen: 38.104 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 278 Resp: 901383
Ion Ratio Lower Upper
278 100
139 15.3 12.0 18.0
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.151 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF113298.D
Acq: 26 Mar 2019 18:23

Tgt Ion: 276 Resp: 909989
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.3 15.6 23.4

