

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
 Data File : BF115979.D
 Acq On : 3 Aug 2019 17:39
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 05 01:19:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	612388	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	324554	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	565756	20.00	ng	0.00
76) Chrysene-d12	14.03	240	398694	20.00	ng	0.00
87) Perylene-d12	15.50	264	355346	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	742338	82.30	ng	0.00
7) Phenol-d6	6.49	99	916013	80.49	ng	0.00
23) Nitrobenzene-d5	7.42	82	849455	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	245947	78.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1403714	81.01	ng	0.00
79) Terphenyl-d14	12.97	244	1523894	80.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	173029	37.972	ng	99
3) Pyridine	3.37	79	457240	35.921	ng	99
4) n-Nitrosodimethylamine	3.31	42	151240	30.108	ng	100
6) Aniline	6.52	93	649004	39.822	ng	96
8) 2-Chlorophenol	6.65	128	403977	40.502	ng	97
9) Benzaldehyde	6.40	77	308365	39.271	ng	98
10) Phenol	6.50	94	538391	40.174	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	399117	40.508	ng	99
12) 1,3-Dichlorobenzene	6.80	146	463795	40.235	ng	99
13) 1,4-Dichlorobenzene	6.87	146	465031	40.291	ng	99
14) 1,2-Dichlorobenzene	7.03	146	432595	40.705	ng	99
15) Benzyl Alcohol	7.00	79	350006	40.527	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	544728	40.533	ng	96
17) 2-Methylphenol	7.11	107	343277	40.645	ng	99
18) Hexachloroethane	7.36	117	172449	40.582	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	277679	39.376	ng	99
20) 3+4-Methylphenols	7.26	107	407741	40.797	ng	# 84
22) Acetophenone	7.26	105	538710	40.111	ng	97
24) Nitrobenzene	7.44	77	460802	40.226	ng	95
25) Isophorone	7.67	82	807645	39.813	ng	100
26) 2-Nitrophenol	7.75	139	218708	40.503	ng	98
27) 2,4-Dimethylphenol	7.79	122	326323	40.168	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	510523	40.603	ng	99
29) 2,4-Dichlorophenol	8.00	162	346352	40.378	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	394668	40.363	ng	99
31) Naphthalene	8.16	128	1159863	40.248	ng	99
32) Benzoic acid	7.93	122	175514	30.643	ng	99
33) 4-Chloroaniline	8.20	127	527810	40.992	ng	99
34) Hexachlorobutadiene	8.27	225	227412	40.378	ng	99
35) Caprolactam	8.60	113	111330	40.129	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	364531	40.850	ng	100
37) 2-Methylnaphthalene	8.85	142	762053	40.153	ng	100
38) 1-Methylnaphthalene	8.95	142	725591	40.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	353975	40.796	ng	99

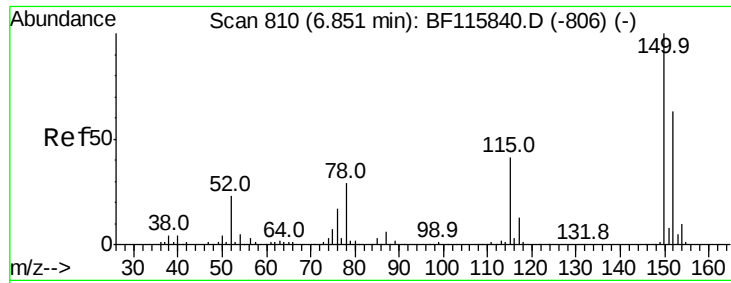
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93314	28.105	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	238726	39.973	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	244681	39.634	ng	98
46) 1,1'-Biphenyl	9.32	154	932162	40.682	ng	100
47) 2-Chloronaphthalene	9.35	162	771007	40.429	ng	99
48) 2-Nitroaniline	9.44	65	255989	40.610	ng	89
49) Acenaphthylene	9.76	152	1124617	40.421	ng	100
50) Dimethylphthalate	9.62	163	903657	40.892	ng	99
51) 2,6-Dinitrotoluene	9.68	165	192628	40.111	ng	# 86
52) Acenaphthene	9.93	154	683925	40.069	ng	100
53) 3-Nitroaniline	9.86	138	231215	38.965	ng	99
54) 2,4-Dinitrophenol	9.97	184	62376	30.856	ng	94
55) Dibenzofuran	10.10	168	997597	40.190	ng	99
56) 4-Nitrophenol	10.02	139	114822	30.206	ng	99
57) 2,4-Dinitrotoluene	10.09	165	253502	39.647	ng	97
58) Fluorene	10.45	166	783640	41.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	199926	38.493	ng	98
60) Diethylphthalate	10.32	149	843809	40.899	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	396352	40.979	ng	99
62) 4-Nitroaniline	10.47	138	226673	36.963	ng	99
63) Azobenzene	10.59	77	862298	40.634	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	114312	38.128	ng	97
66) n-Nitrosodiphenylamine	10.56	169	687969	40.401	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	244787	40.418	ng	91
68) Hexachlorobenzene	11.00	284	281564	40.205	ng	95
69) Atrazine	11.08	200	227938	40.688	ng	100
70) Pentachlorophenol	11.20	266	118209	34.767	ng	98
71) Phenanthrene	11.41	178	1155780	39.961	ng	99
72) Anthracene	11.46	178	1174091	40.111	ng	99
73) Carbazole	11.62	167	1062865	40.023	ng	99
74) Di-n-butylphthalate	11.94	149	1295943	41.833	ng	100
75) Fluoranthene	12.60	202	1222195	40.364	ng	99
77) Benzidine	12.72	184	466713	34.649	ng	97
78) Pyrene	12.83	202	1234489	41.076	ng	99
80) Butylbenzylphthalate	13.44	149	544496	42.830	ng	97
81) Benzo(a)anthracene	14.02	228	1025633	40.248	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	348252	39.336	ng	98
83) Chrysene	14.06	228	993978	40.177	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	716211	43.353	ng	99
85) Di-n-octyl phthalate	14.60	149	1108100	42.229	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	774487	37.272	ng	99
88) Benzo(b)fluoranthene	15.07	252	835664	40.672	ng	97
89) Benzo(k)fluoranthene	15.10	252	856503	42.798	ng	100
90) Benzo(a)pyrene	15.44	252	758209	41.281	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	635040	39.943	ng	99
92) Benzo(g,h,i)perylene	17.43	276	624661	40.007	ng	97

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

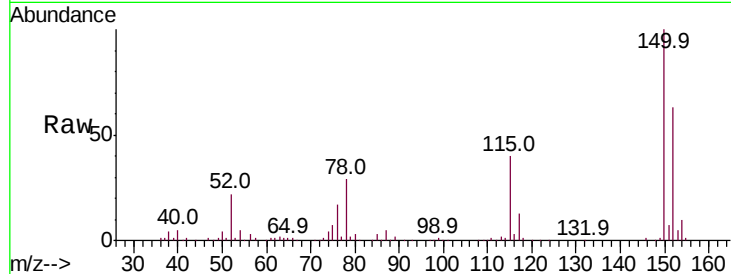


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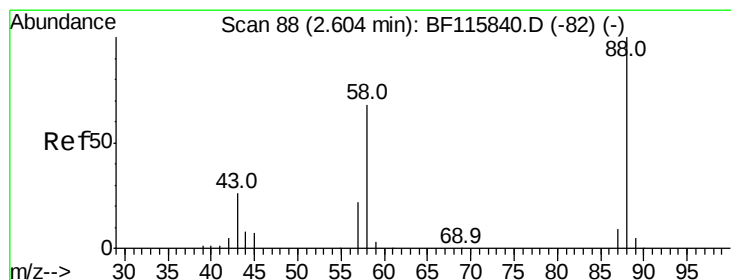
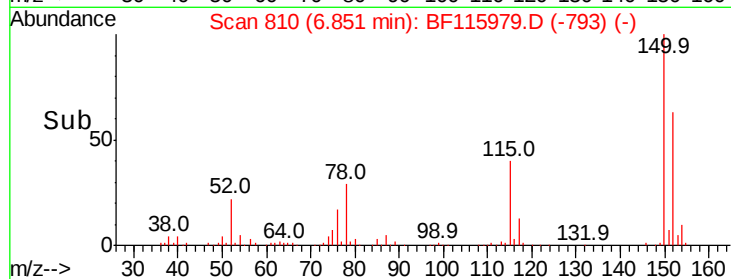
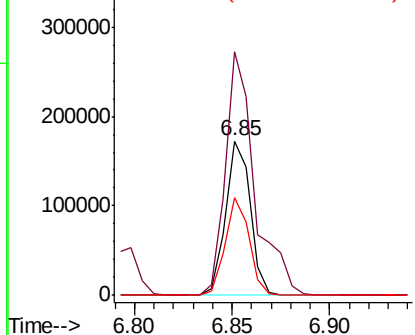
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 150999
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 63.8 51.8 77.8



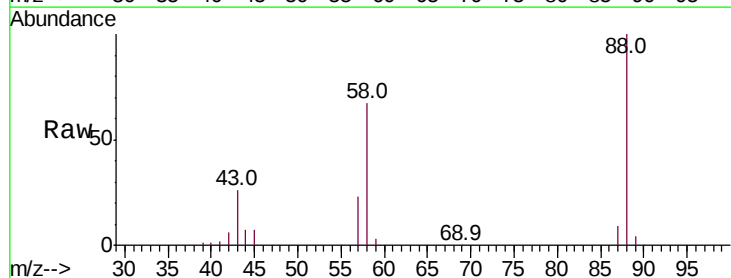
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



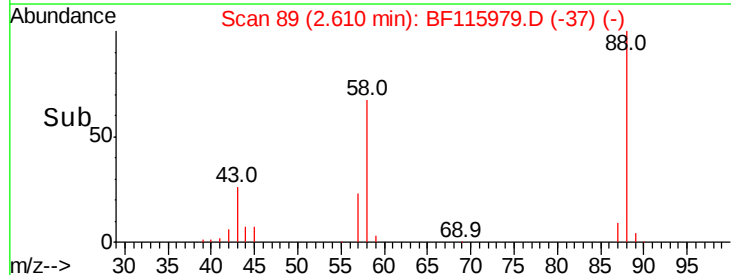
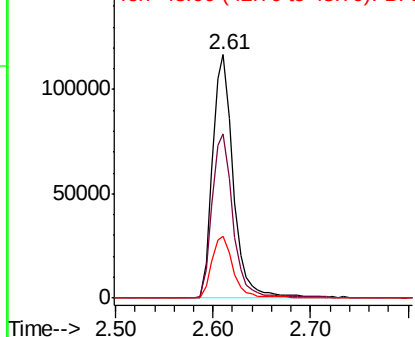
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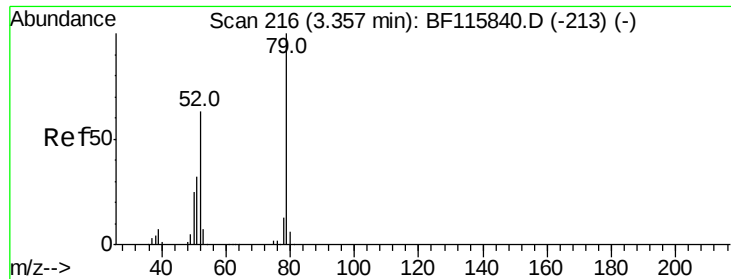
1,4-Dioxane
Concen: 37.972 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion: 88 Resp: 173029
Ion Ratio Lower Upper
88 100
58 68.4 54.1 81.1
43 26.4 20.7 31.1



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





#3

Pvridine

Concen: 35.921 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

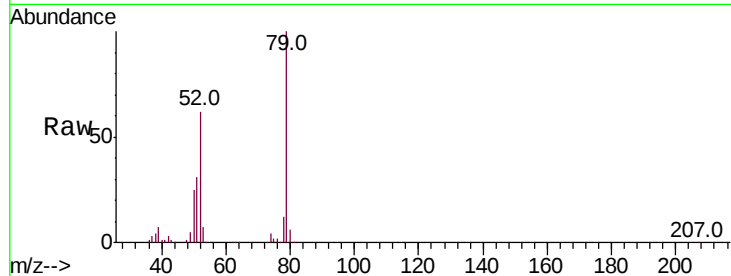
Tot Ion: 79 Resp: 457240

Ion Ratio Lower Upper

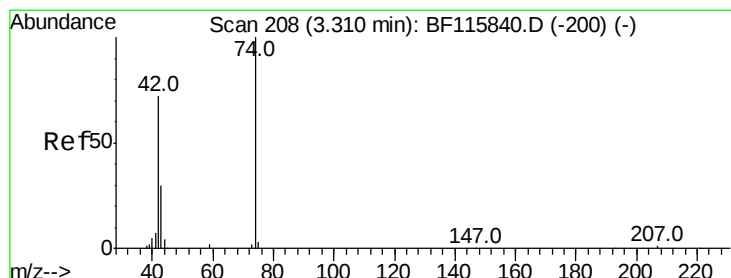
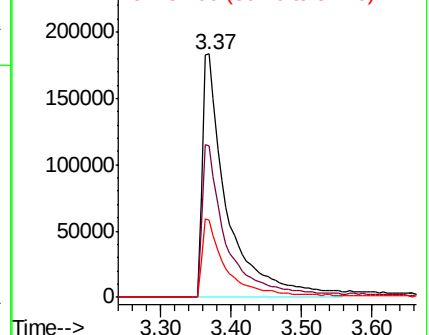
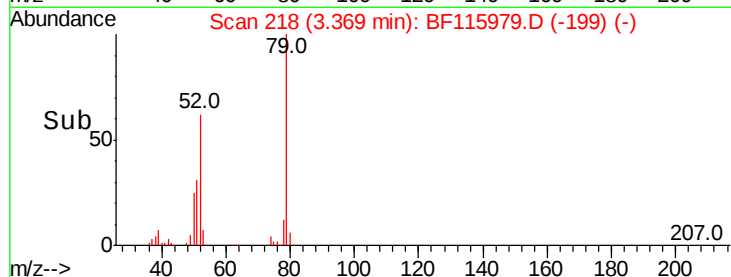
79 100

52 62.2 50.2 75.4

51 31.5 25.8 38.6



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



#4

n-Nitrosodimethylamine

Concen: 30.108 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

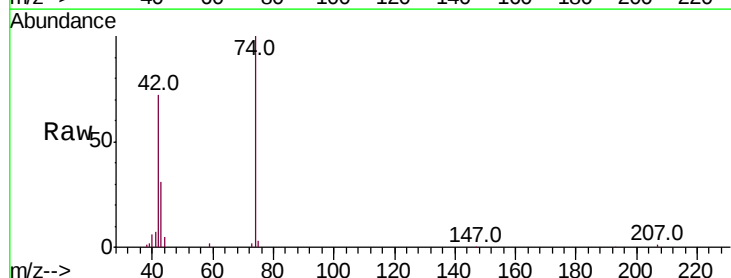
Tgt Ion: 42 Resp: 151240

Ion Ratio Lower Upper

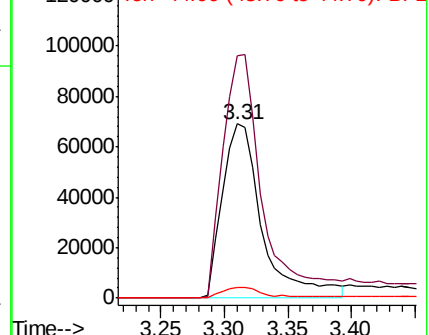
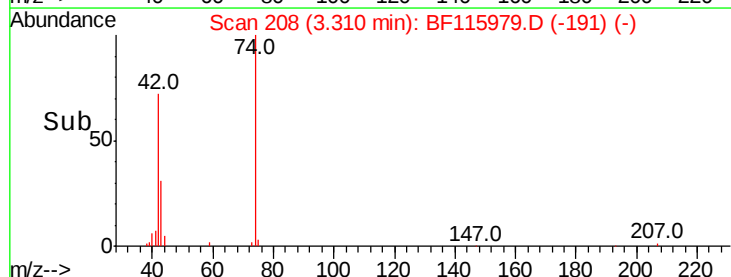
42 100

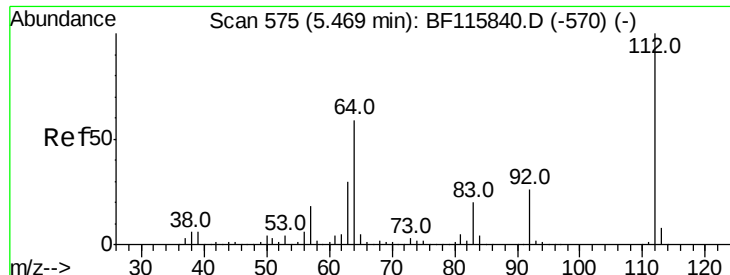
74 138.8 111.0 166.4

44 6.4 4.7 7.1



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





#5

2-Fluorophenol

Concen: 82.300 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

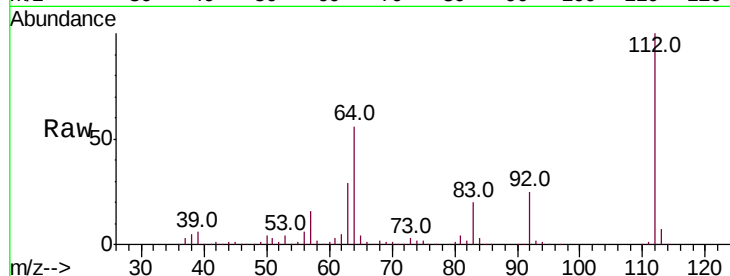
Tot Ion:112 Resp: 742338

Ion Ratio Lower Upper

112 100

64 55.6 46.8 70.2

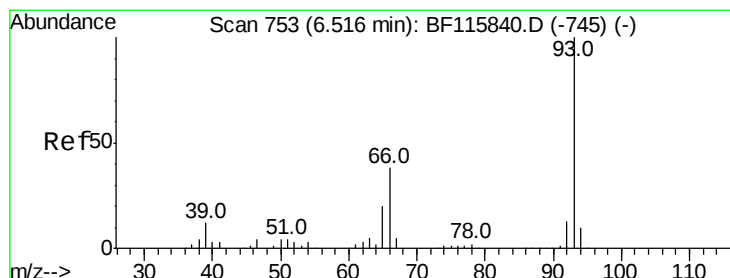
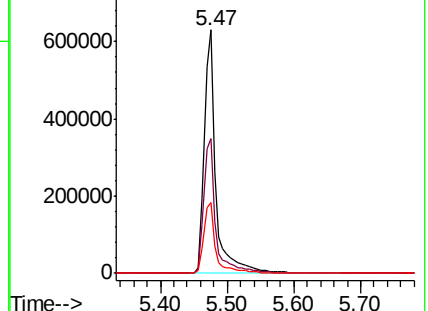
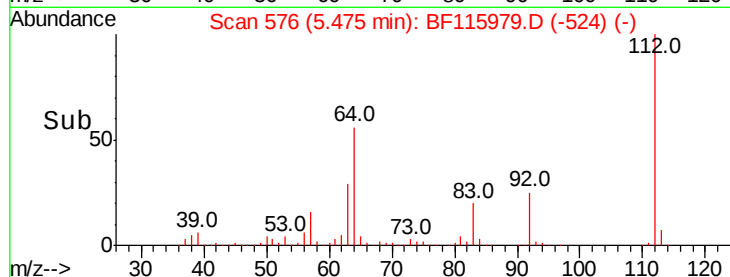
63 29.2 24.2 36.2



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: 39.822 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

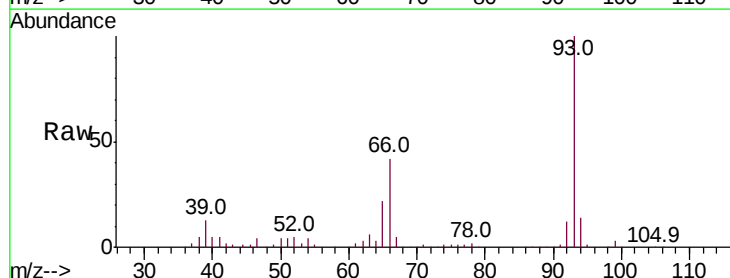
Tgt Ion: 93 Resp: 649004

Ion Ratio Lower Upper

93 100

66 41.9 31.4 47.0

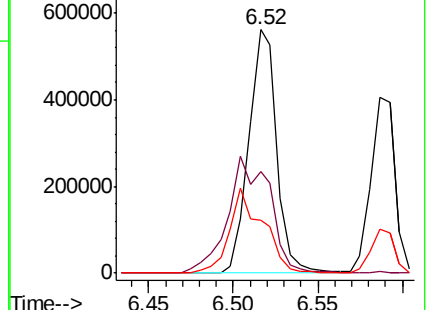
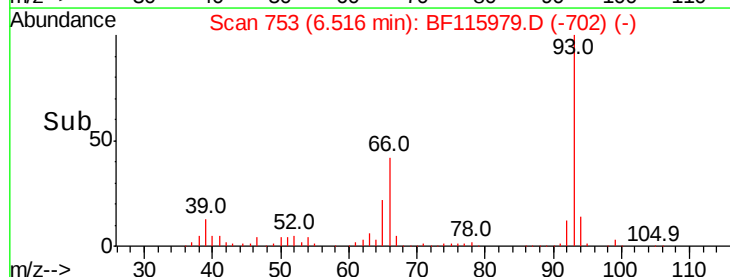
65 21.8 16.5 24.7

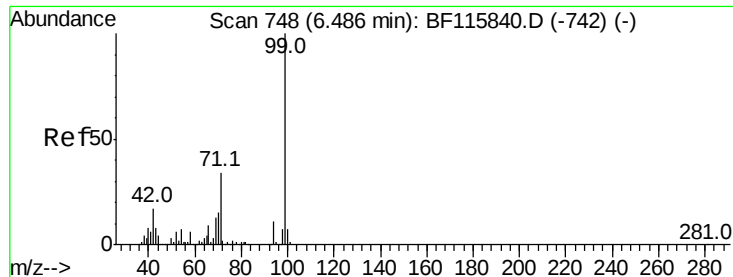


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.492 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

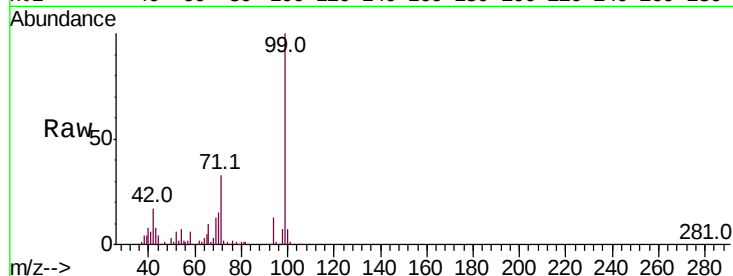
Tot Ion: 99 Resp: 916013

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

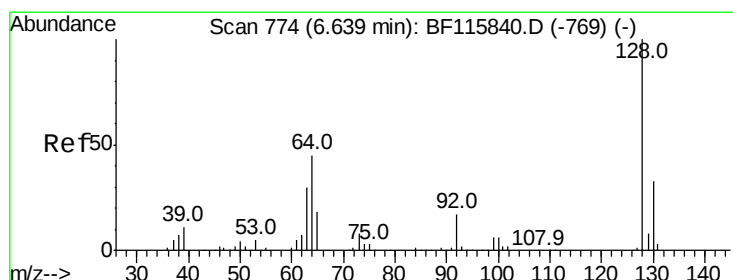
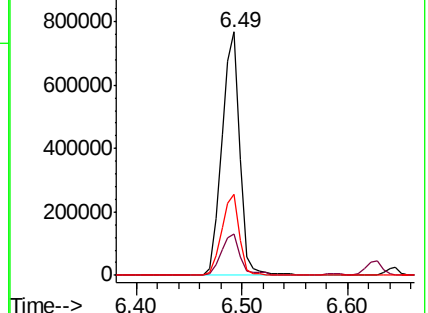
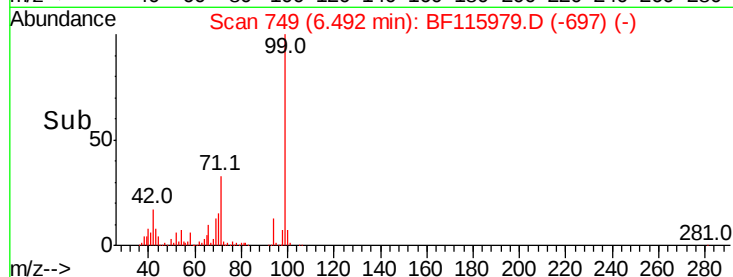
71 33.1 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.502 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

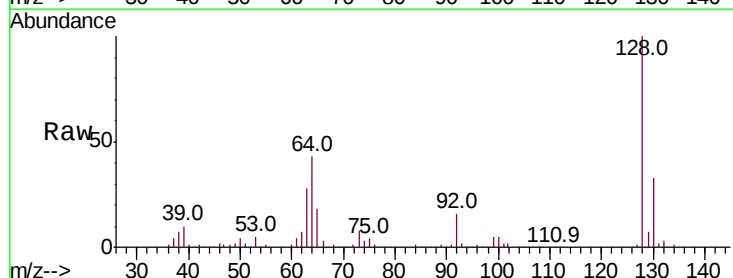
Tgt Ion: 128 Resp: 403977

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

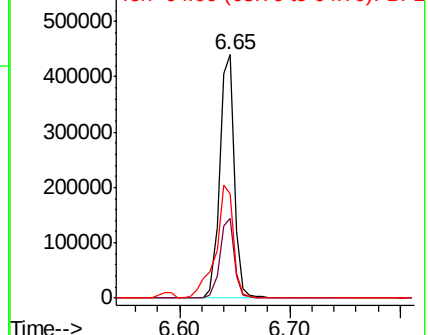
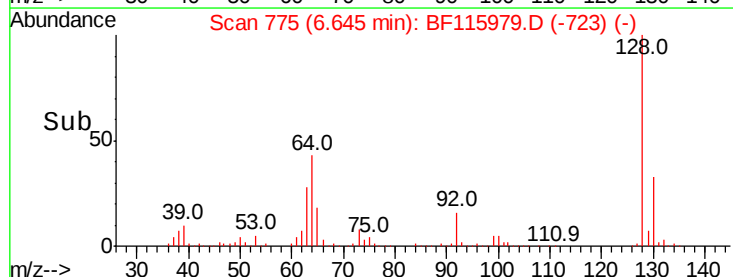
64 42.6 26.1 66.1

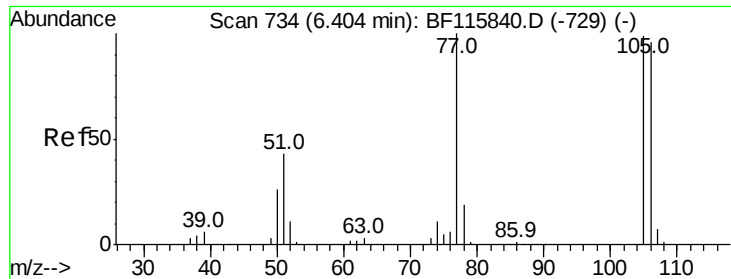


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

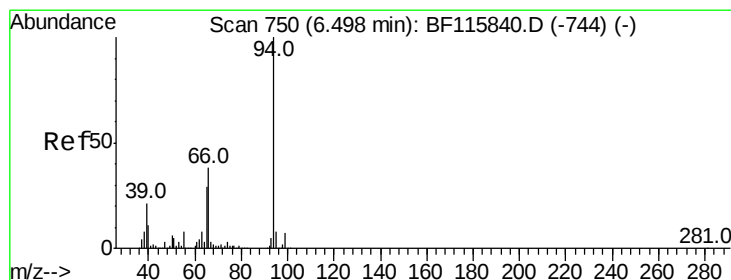
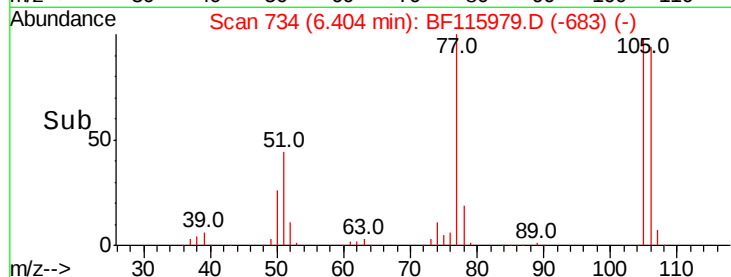
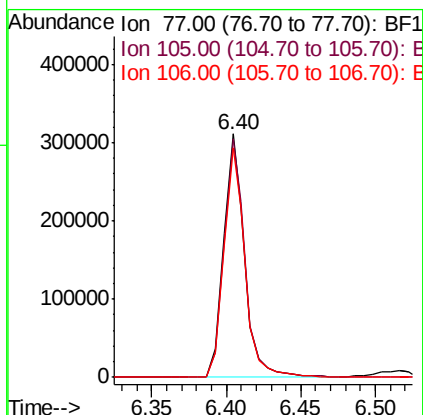
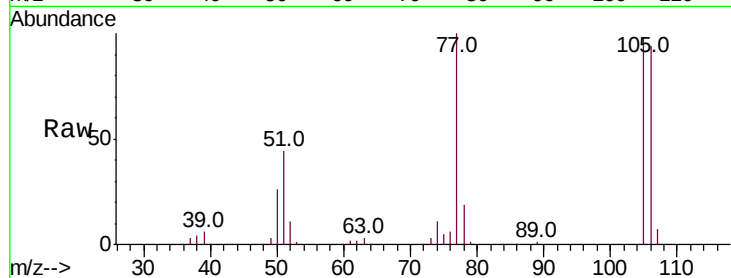




#9
Benzaldehyde
Concen: 39.271 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

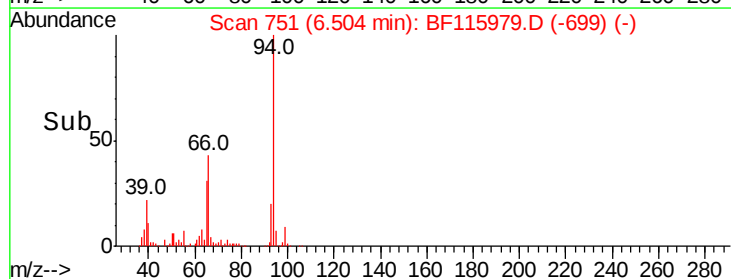
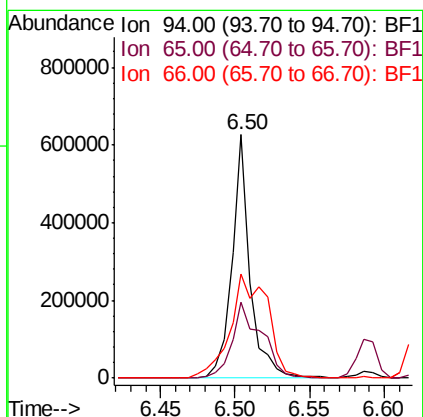
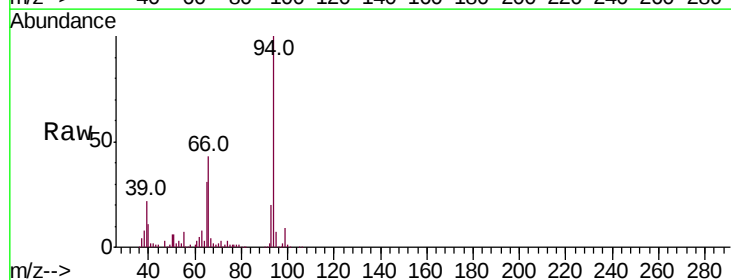
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

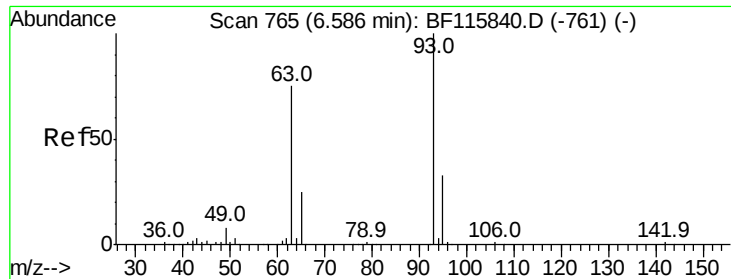
Tot Ion: 77 Resp: 308365
Ion Ratio Lower Upper
77 100
105 97.8 79.0 119.0
106 94.4 76.2 116.2



#10
Phenol
Concen: 40.174 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion: 94 Resp: 538391
Ion Ratio Lower Upper
94 100
65 31.1 8.9 48.9
66 42.9 18.0 58.0

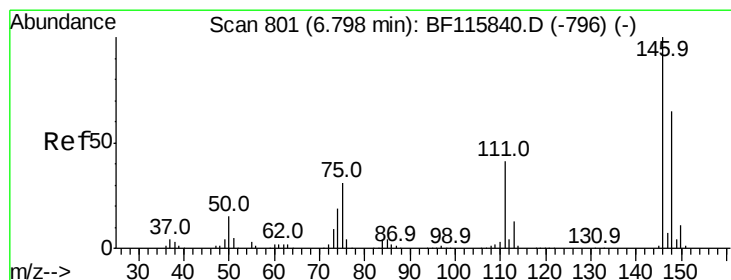
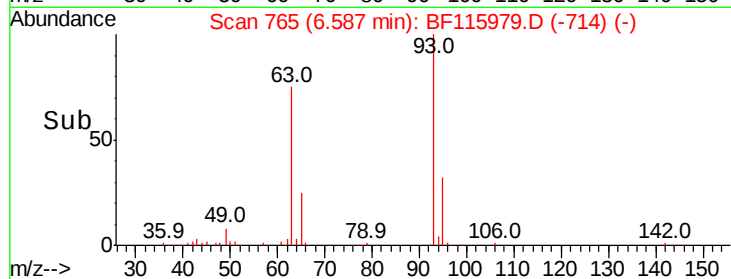
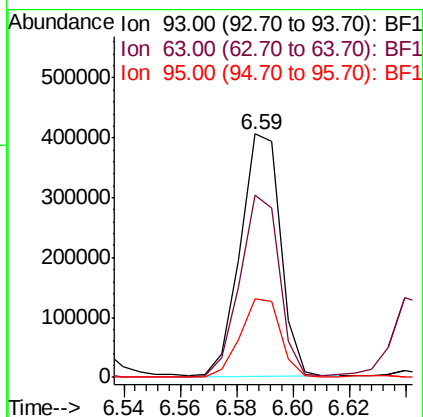
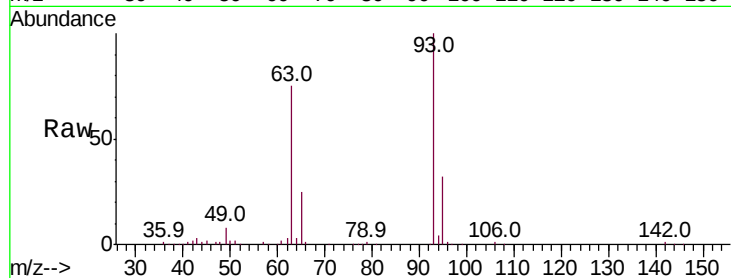




#11
bis(2-Chloroethyl)ether
Concen: 40.508 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

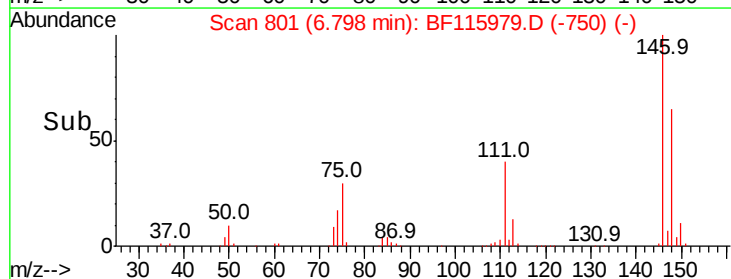
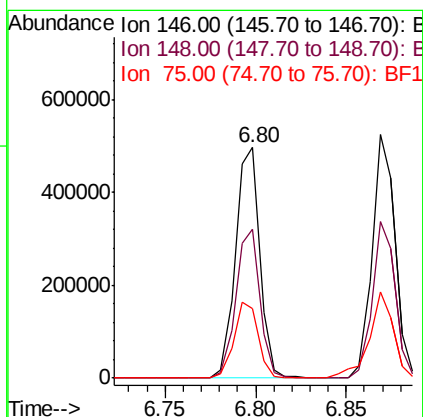
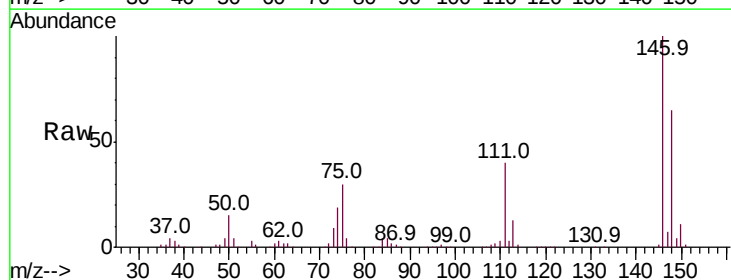
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

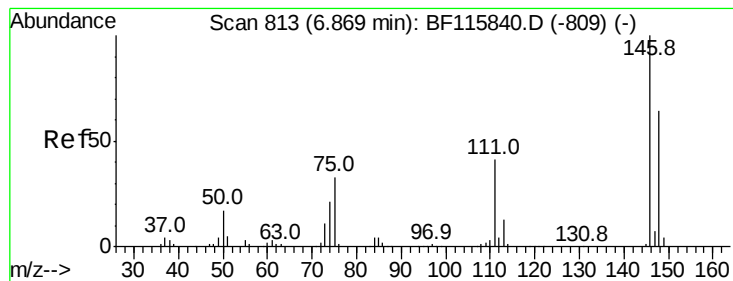
Tot Ion: 93 Resp: 399117
Ion Ratio Lower Upper
93 100
63 75.0 54.9 94.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.235 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion: 146 Resp: 463795
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 30.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 40.291 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

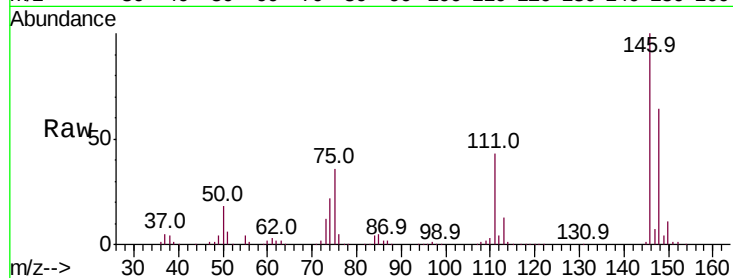
Tot Ion:146 Resp: 465031

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

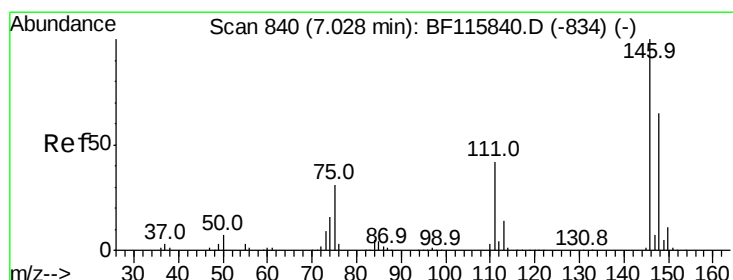
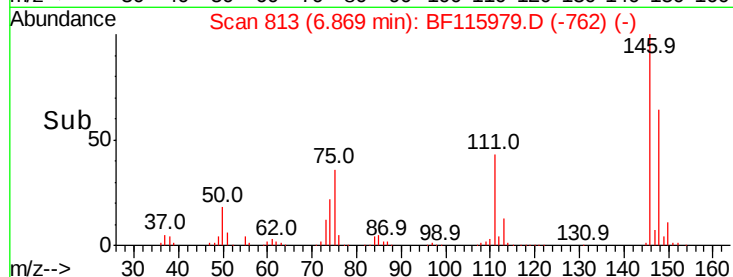
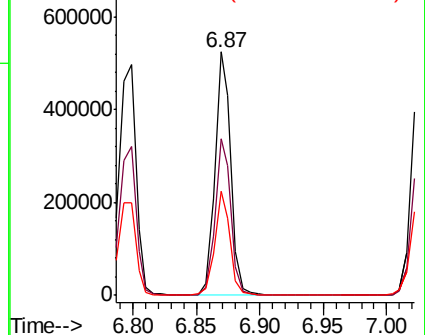
111 42.5 33.2 49.8



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: 40.705 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

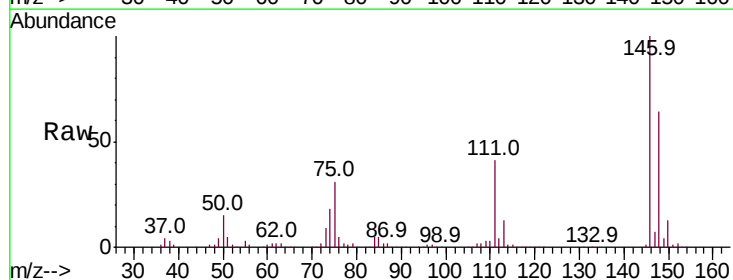
Tgt Ion:146 Resp: 432595

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

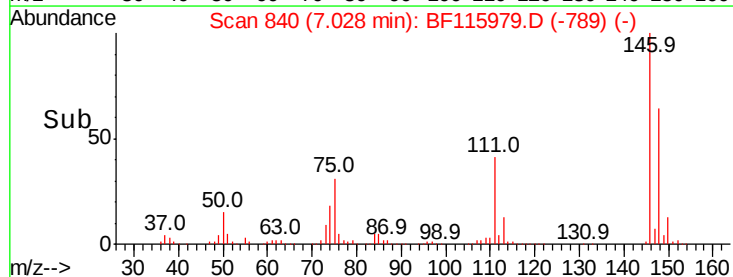
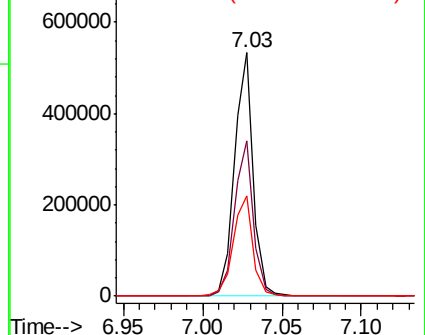
111 41.2 33.6 50.4

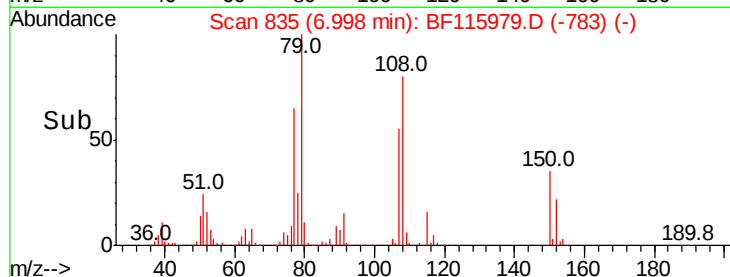
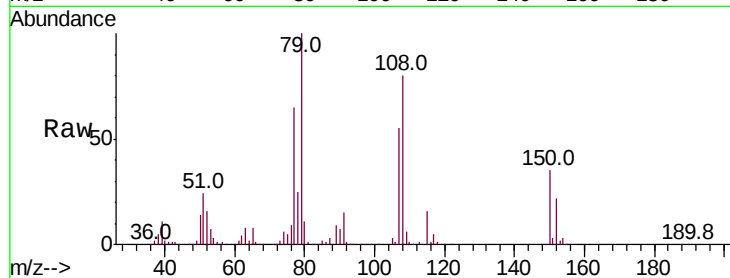
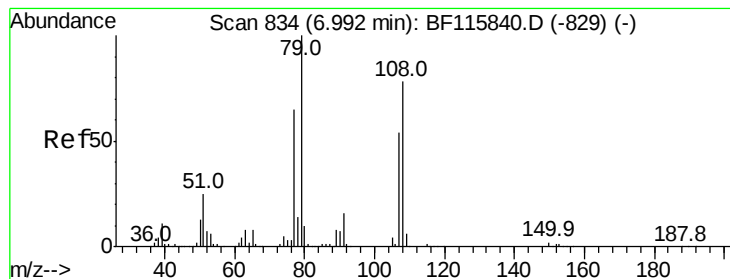


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.527 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

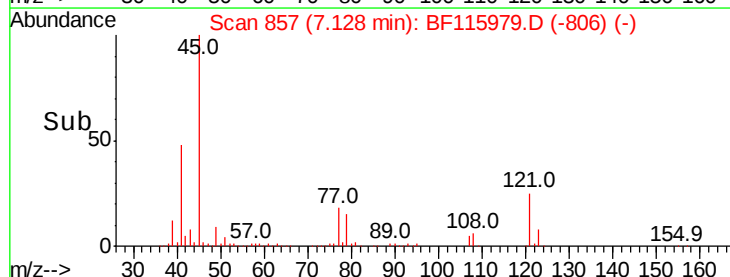
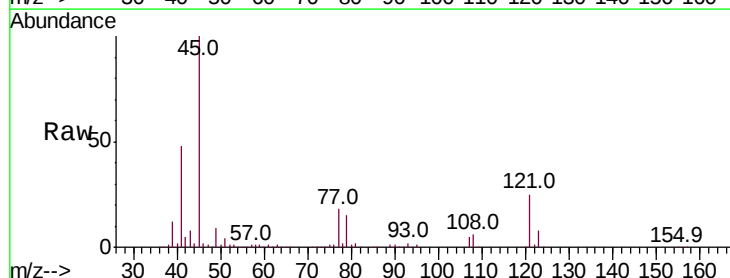
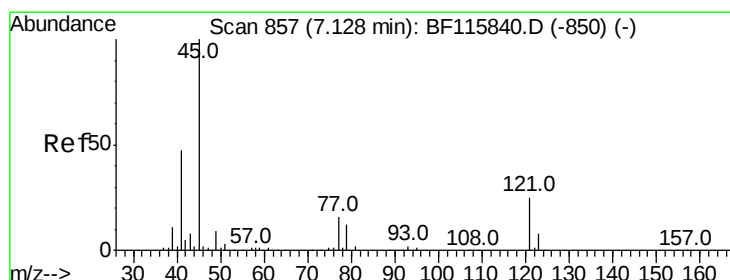
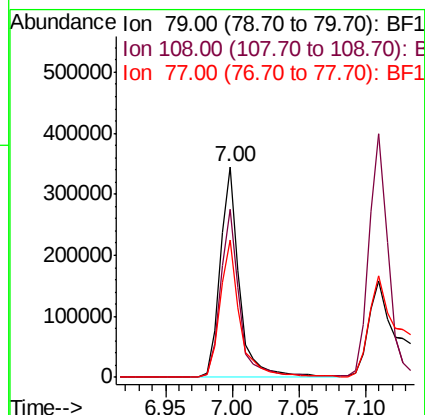
Tot Ion: 79 Resp: 350006

Ion Ratio Lower Upper

79 100

108 80.1 62.8 94.2

77 65.2 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.533 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

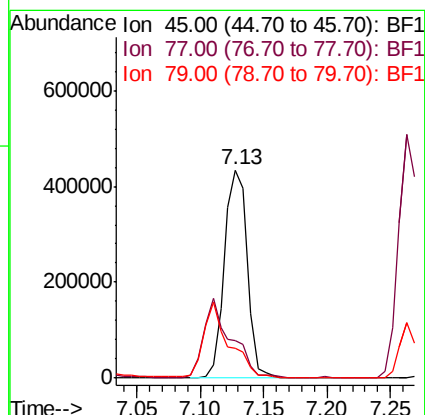
Tgt Ion: 45 Resp: 544728

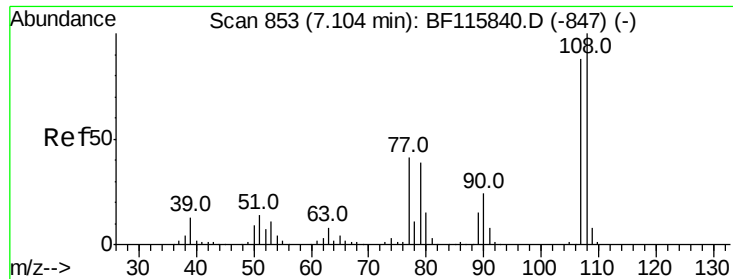
Ion Ratio Lower Upper

45 100

77 17.9 0.0 36.3

79 14.6 0.0 32.5

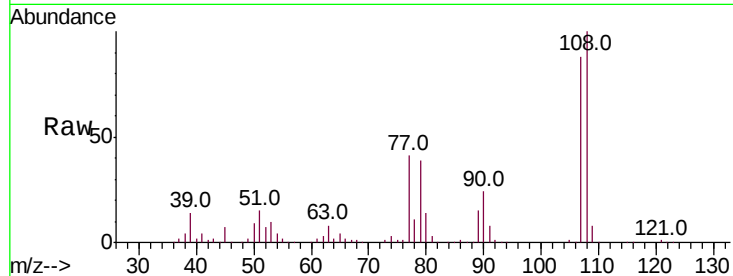




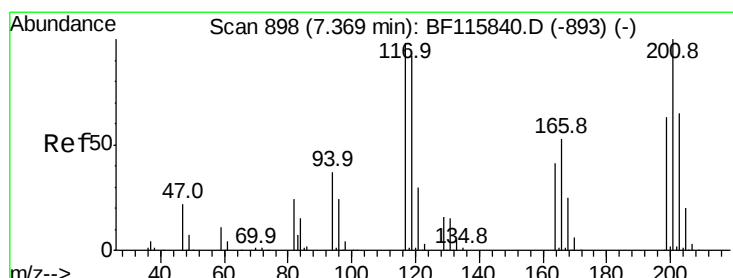
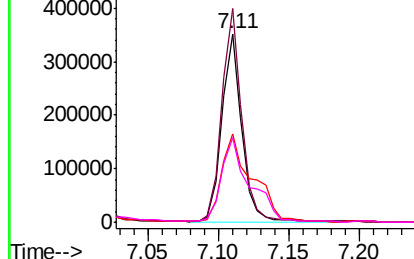
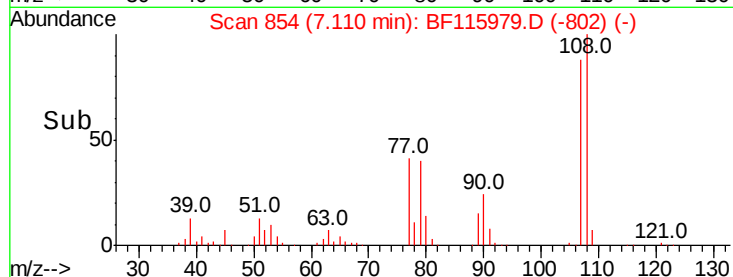
#17
2-Methylphenol
Concen: 40.645 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 343277
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.0
77 47.0 37.6 56.4
79 44.7 36.2 54.4

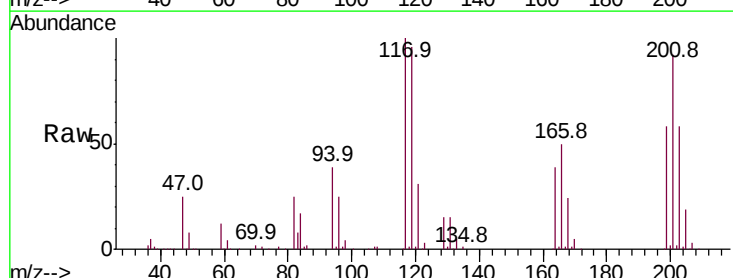


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

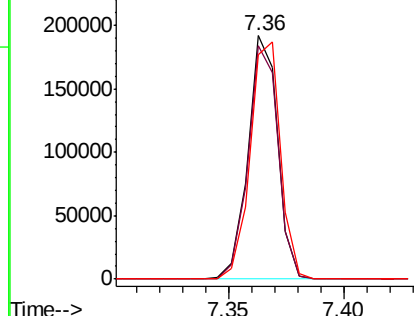
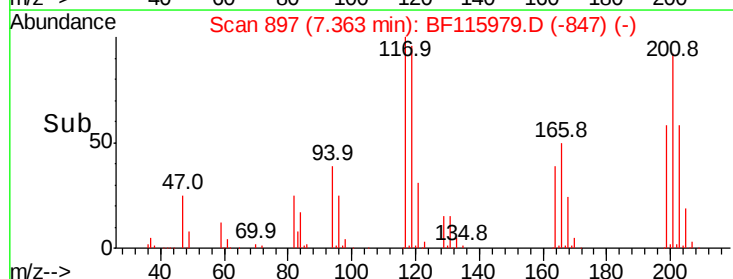


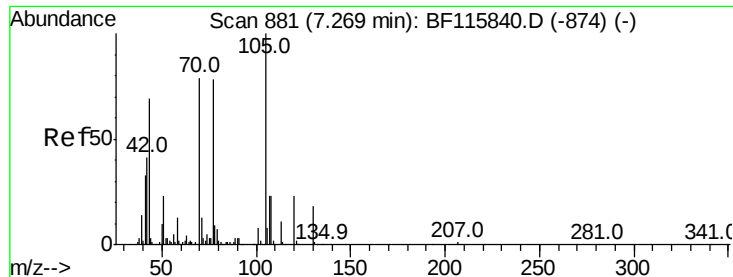
#18
Hexachloroethane
Concen: 40.582 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:117 Resp: 172449
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
201 92.3 82.0 123.0



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

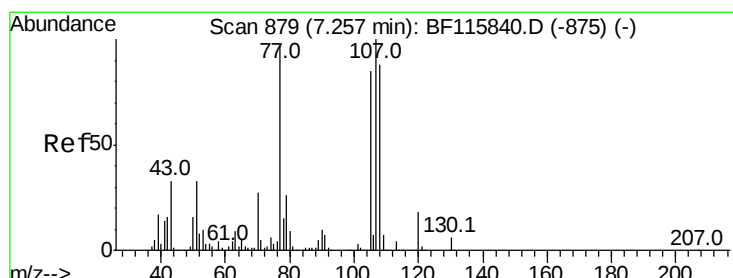
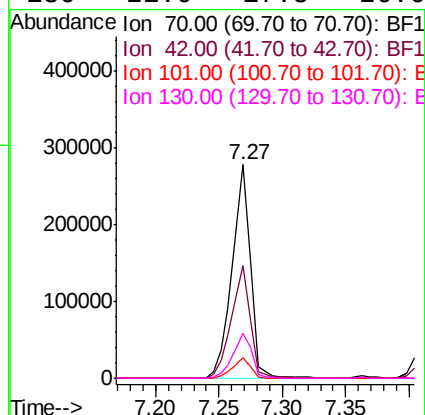
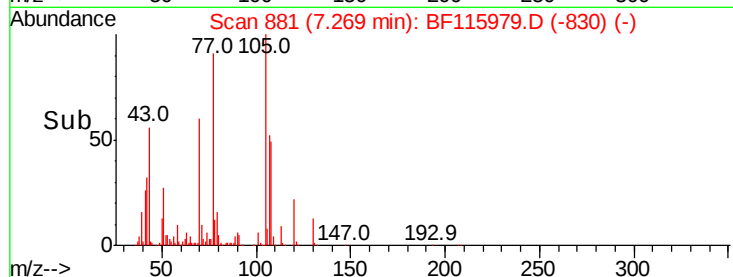
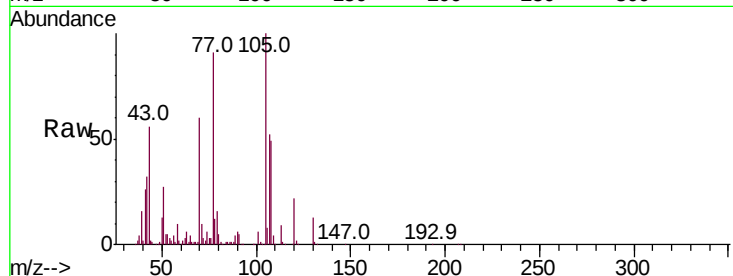




#19
n-Nitroso-di-n-propylamine
Concen: 39.376 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

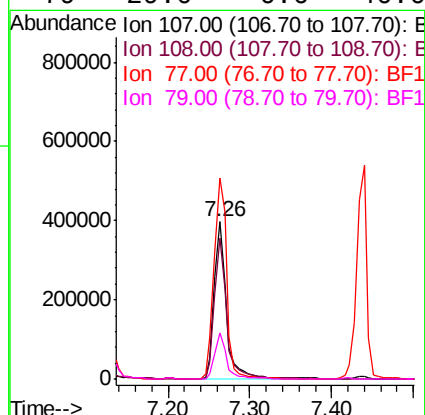
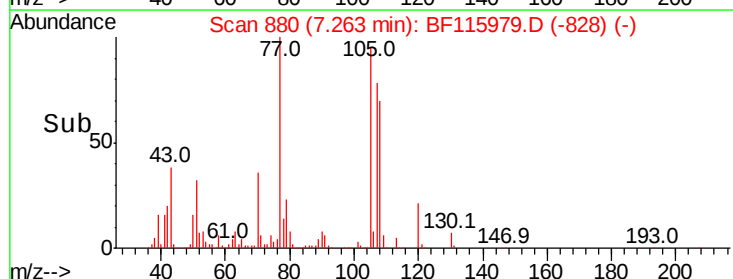
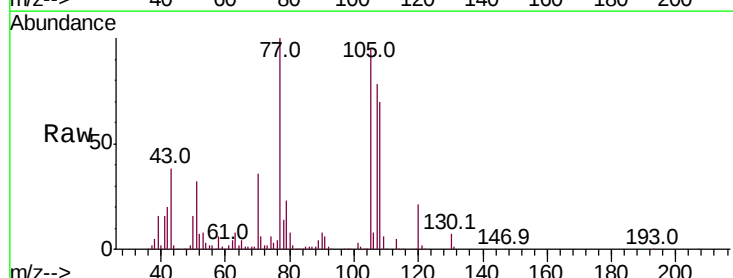
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

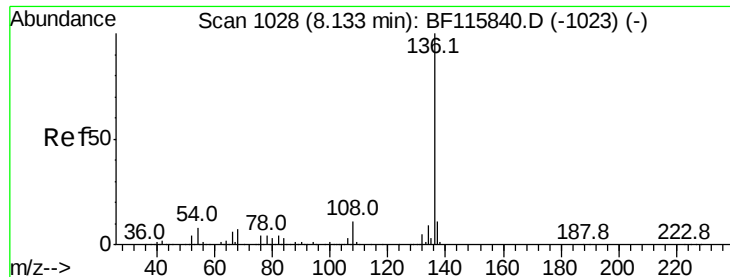
Tot Ion:	70	Resp:	277679
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.8	62.8
101	9.5	7.7	11.5
130	21.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 40.797 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:	107	Resp:	407741
Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.9	107.9
77	127.8	77.3	117.3#
79	29.0	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 612388

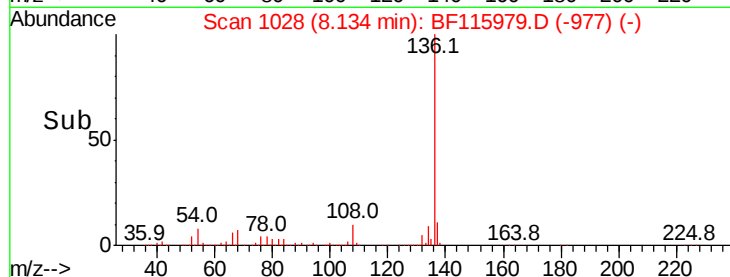
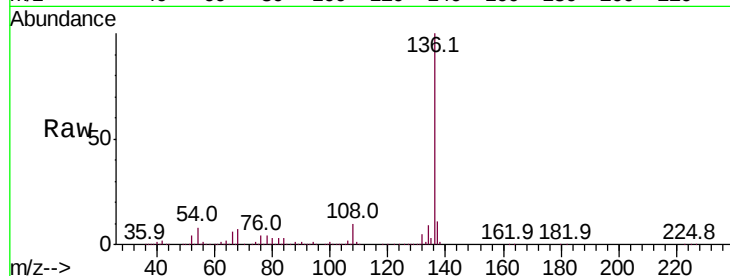
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 6.1 9.1

68 6.5 5.4 8.2

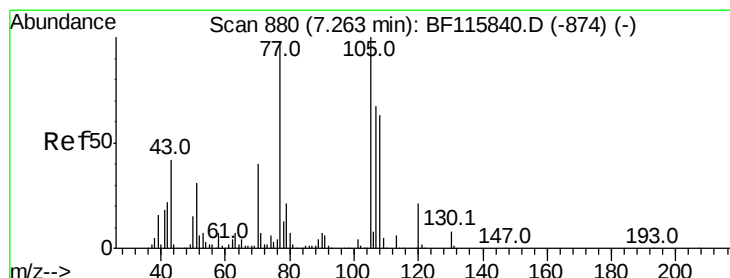
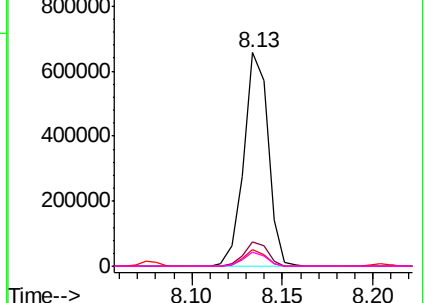


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.111 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Tgt Ion:105 Resp: 538710

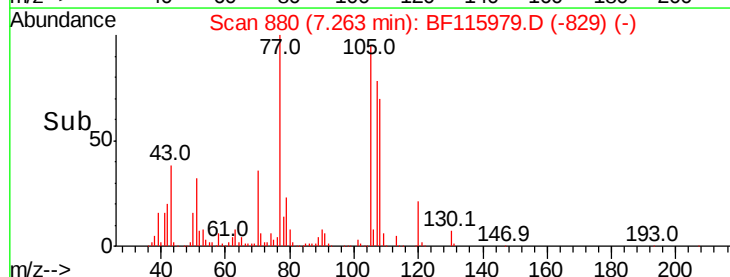
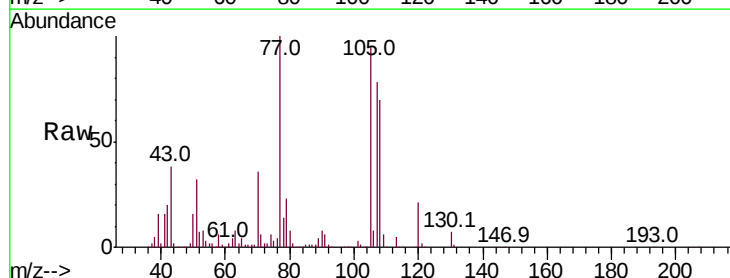
Ion Ratio Lower Upper

105 100

71 6.4 5.4 8.0

51 33.2 24.6 36.8

120 21.9 17.0 25.6

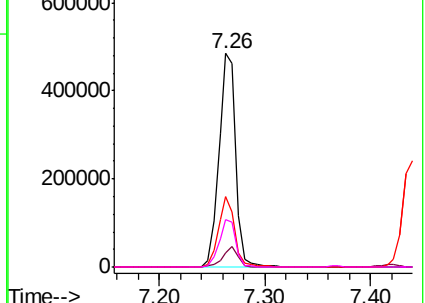


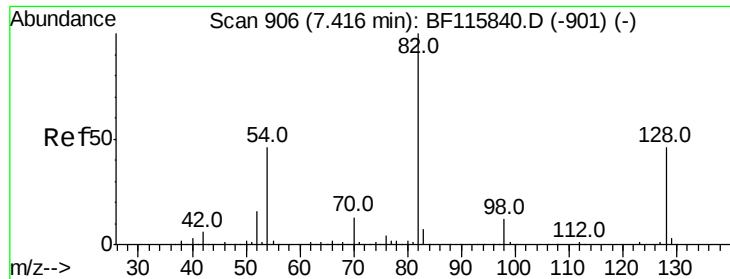
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.069 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

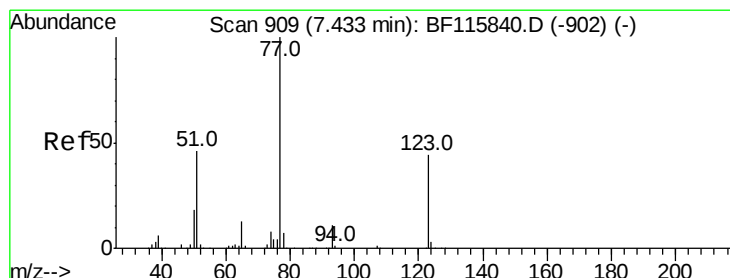
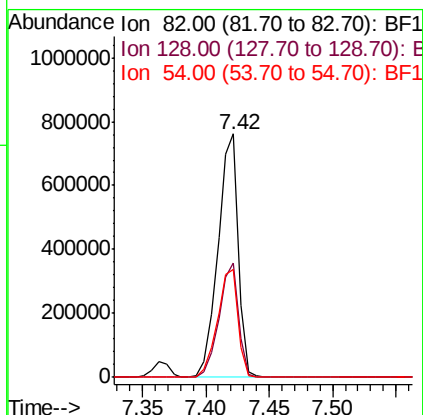
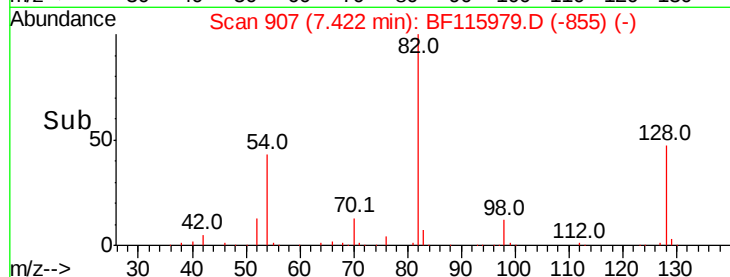
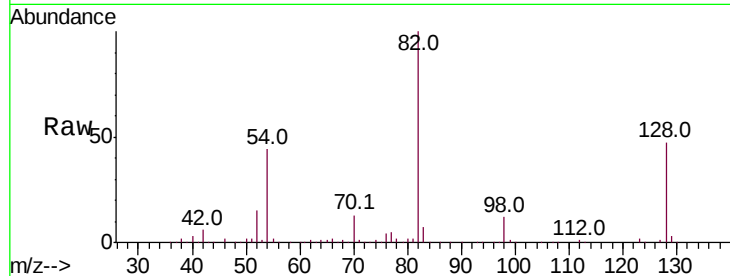
Tot Ion: 82 Resp: 849455

Ion Ratio Lower Upper

82 100

128 46.8 36.6 55.0

54 44.2 36.6 55.0



#24

Nitrobenzene

Concen: 40.226 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

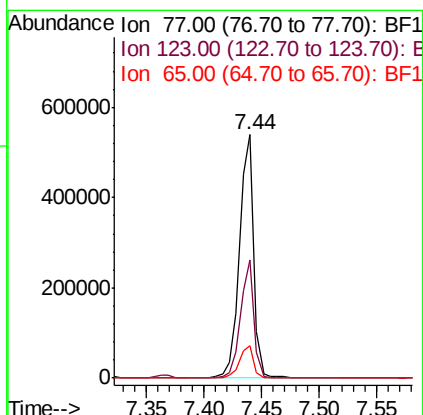
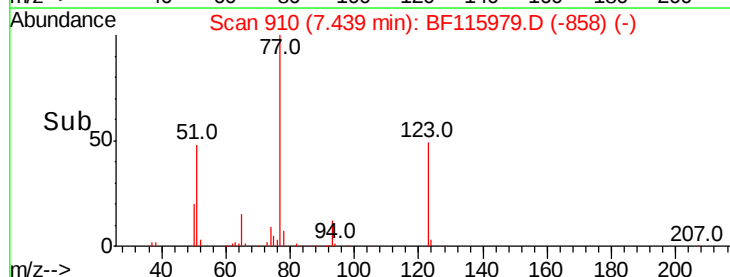
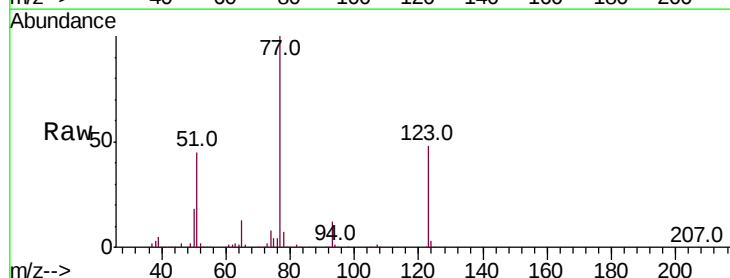
Tgt Ion: 77 Resp: 460802

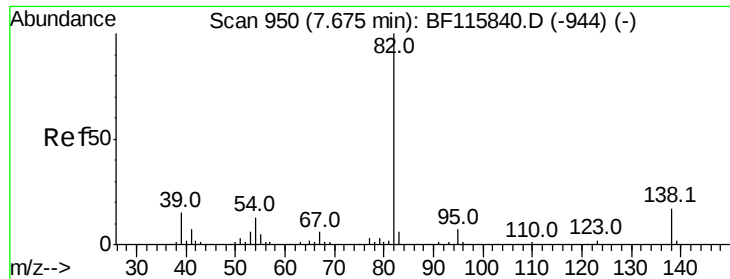
Ion Ratio Lower Upper

77 100

123 48.4 35.5 53.3

65 13.4 10.6 15.8





#25

Isophorone

Concen: 39.813 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

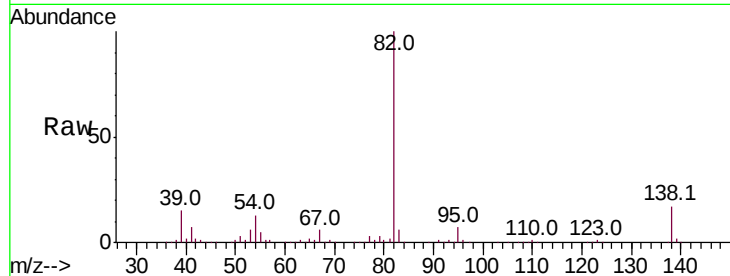
Tot Ion: 82 Resp: 807645

Ion Ratio Lower Upper

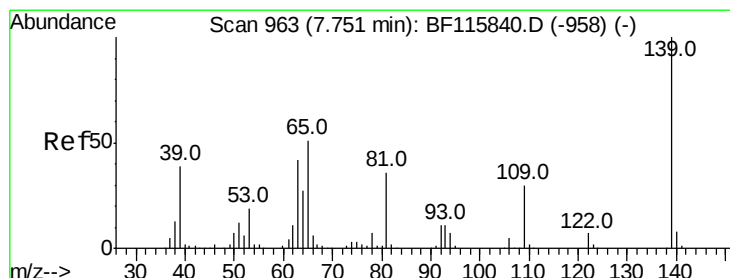
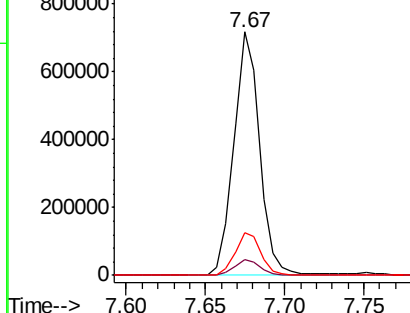
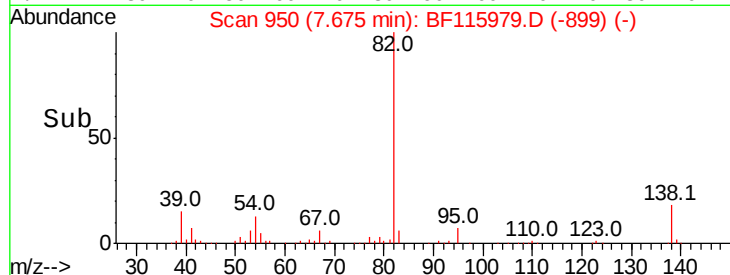
82 100

95 6.6 5.5 8.3

138 17.4 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.503 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

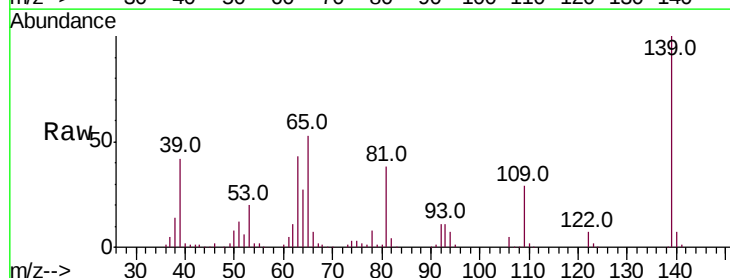
Tgt Ion: 139 Resp: 218708

Ion Ratio Lower Upper

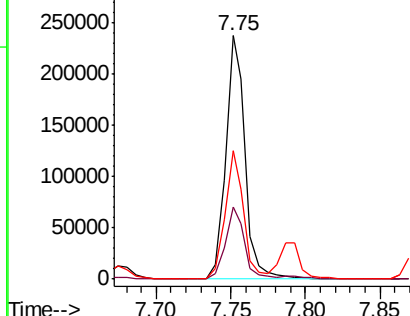
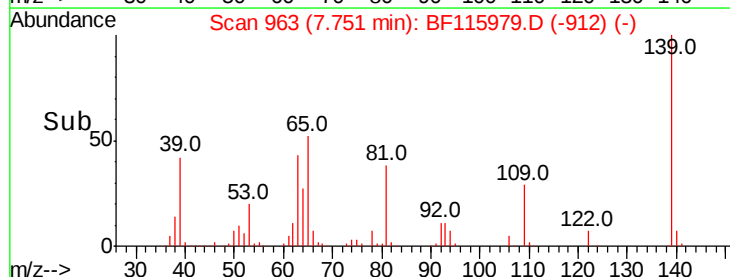
139 100

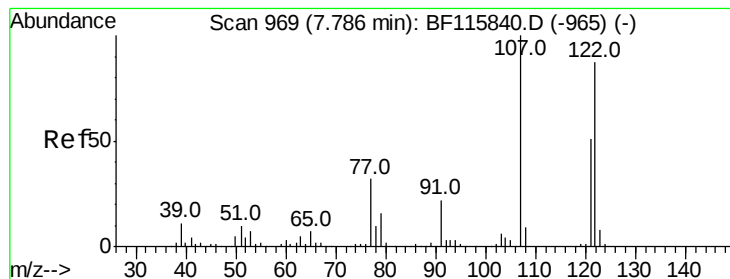
109 29.5 23.6 35.4

65 52.9 40.6 60.8



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





#27

2,4-Dimethylphenol

Concen: 40.168 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

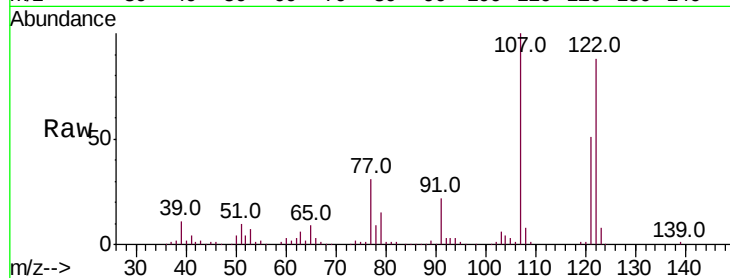
Tot Ion:122 Resp: 326323

Ion Ratio Lower Upper

122 100

107 113.1 91.7 137.5

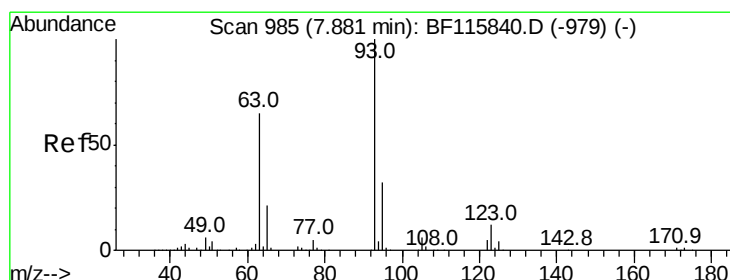
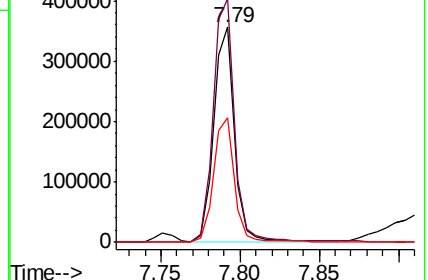
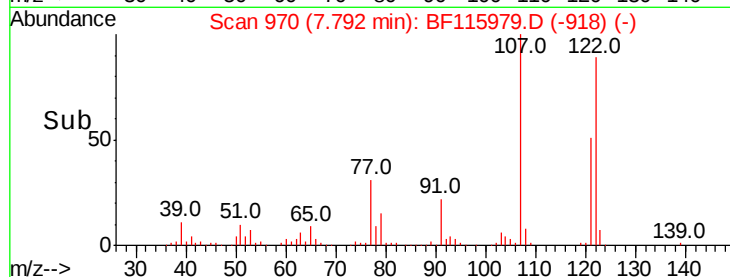
121 57.8 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.603 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

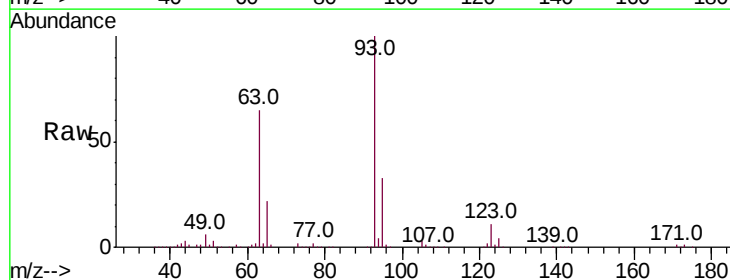
Tgt Ion: 93 Resp: 510523

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

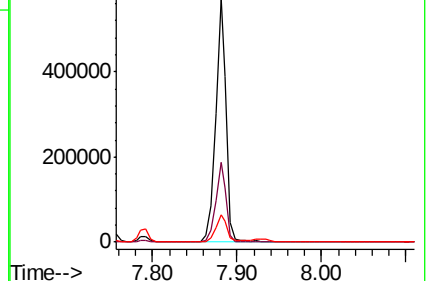
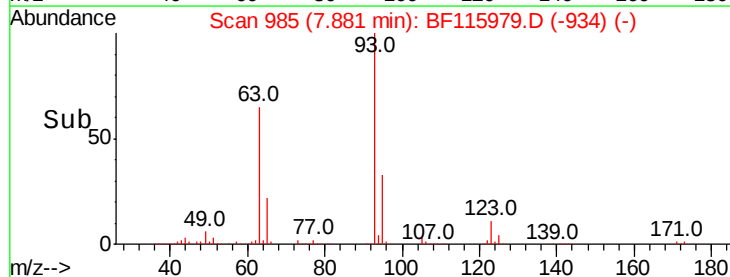
123 11.3 9.5 14.3

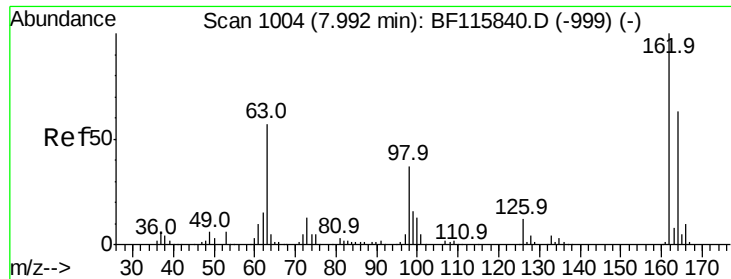


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

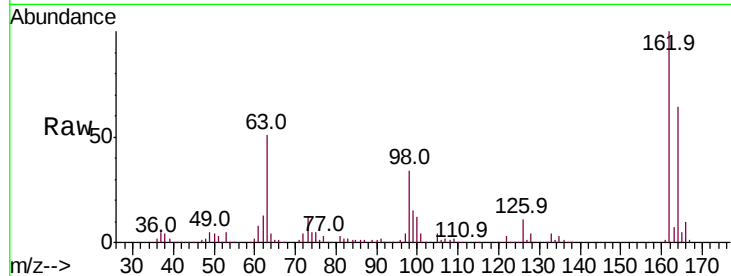




#29
 2,4-Dichlorophenol
 Concen: 40.378 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	34.5	17.3	57.3

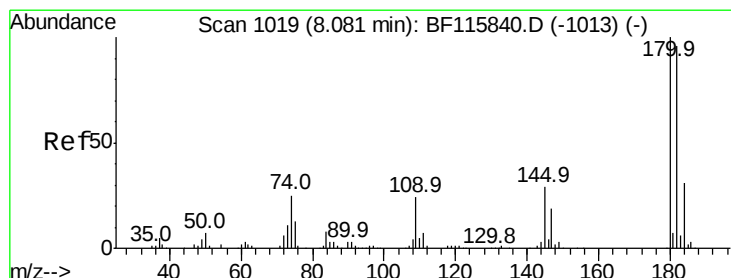
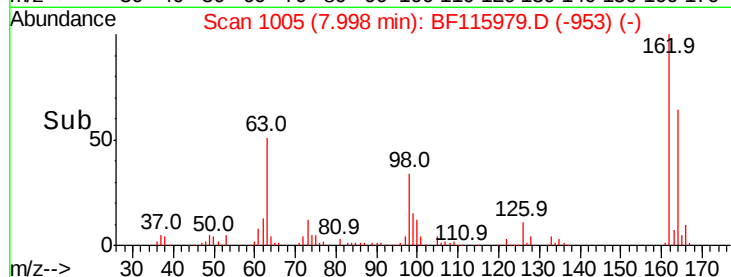
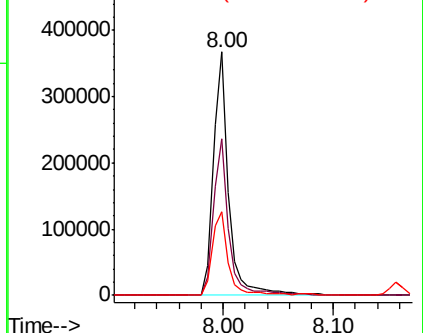


Abundance

Ion 162.00 (161.70 to 162.70): E

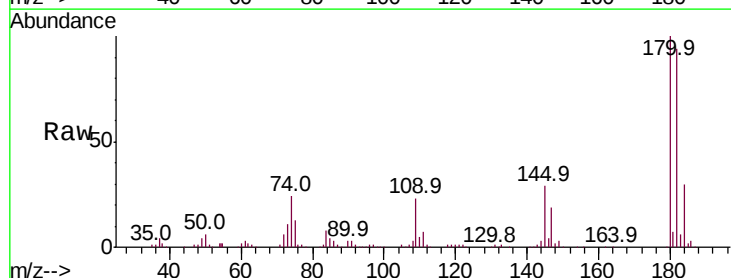
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.363 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	114.8
145	29.2	23.2	34.8

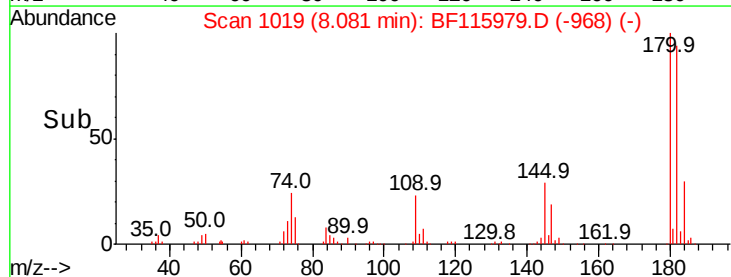
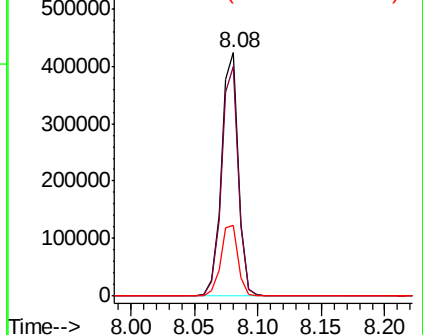


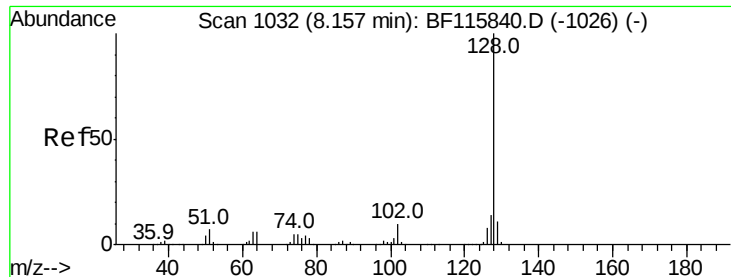
Abundance

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

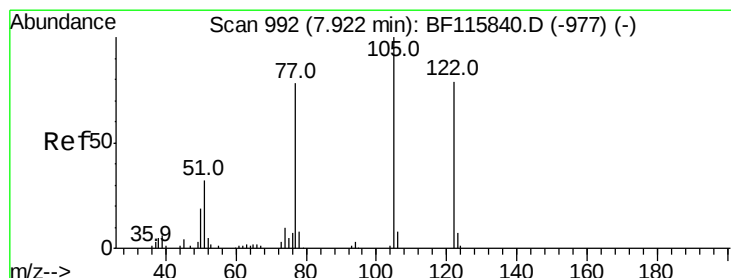
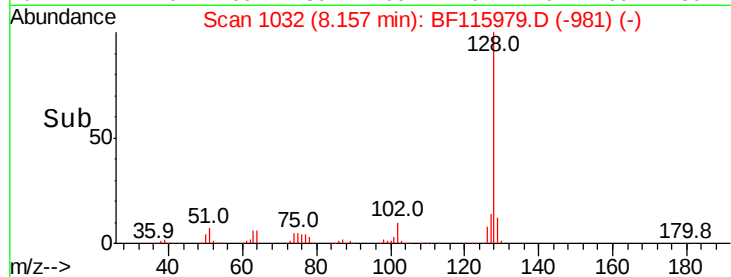
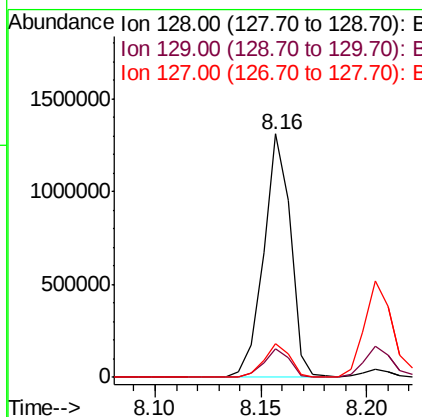
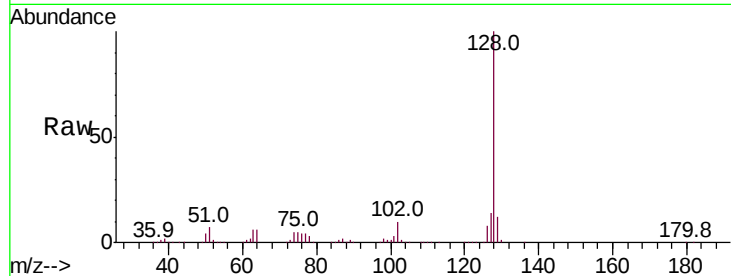




#31
Naphthalene
Concen: 40.248 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

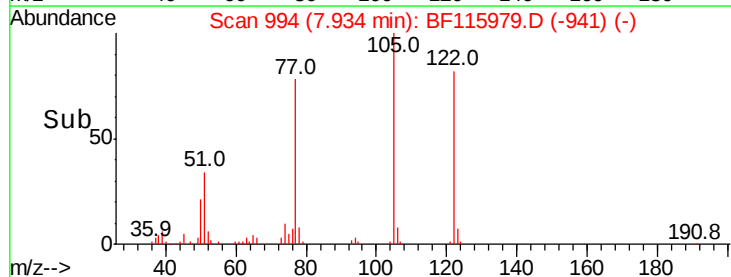
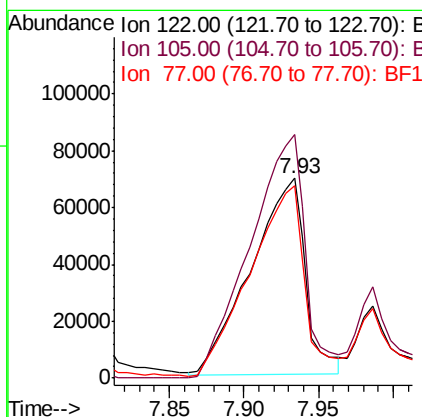
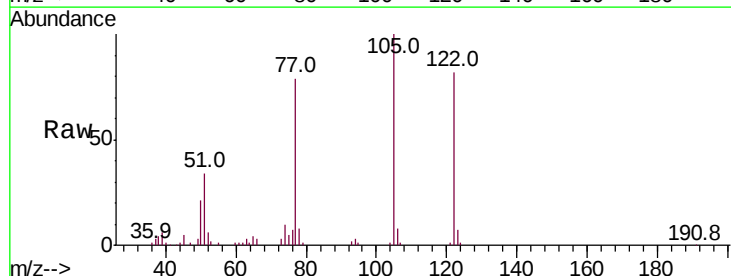
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

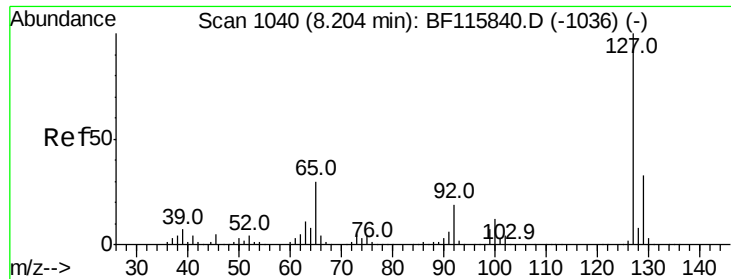
Tot Ion:128 Resp: 1159863
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.8 11.0 16.4



#32
Benzoic acid
Concen: 30.643 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:122 Resp: 175514
Ion Ratio Lower Upper
122 100
105 121.9 103.1 143.1
77 96.1 76.8 116.8

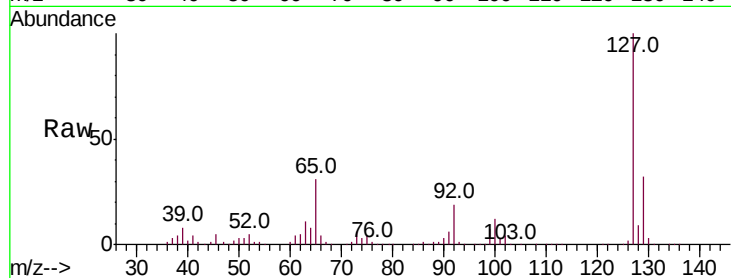




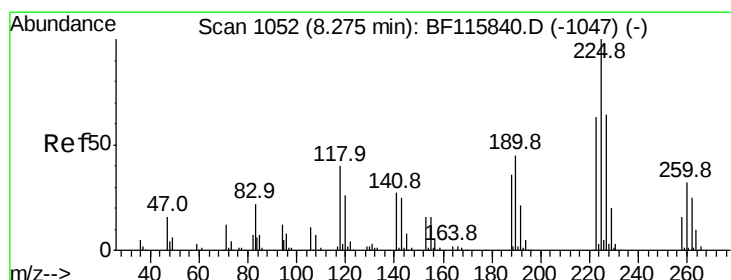
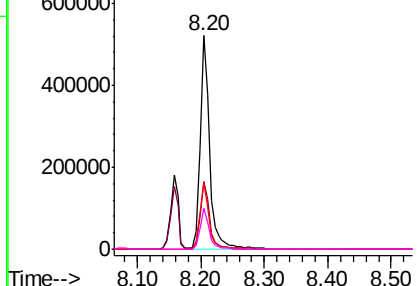
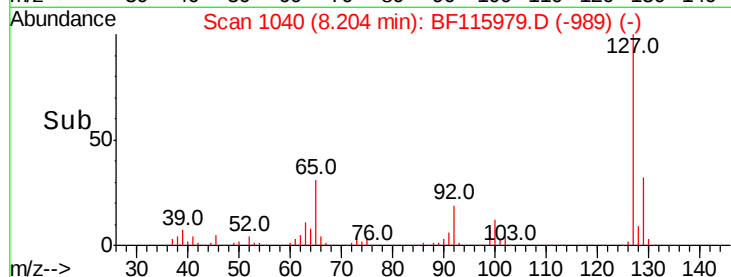
#33
4-Chloroaniline
Concen: 40.992 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	527810
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	31.0	23.9	35.9
92	19.1	14.9	22.3

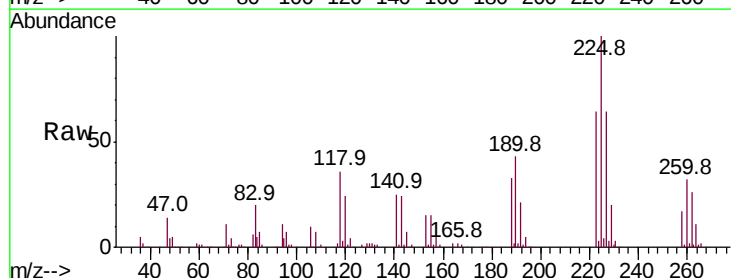


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

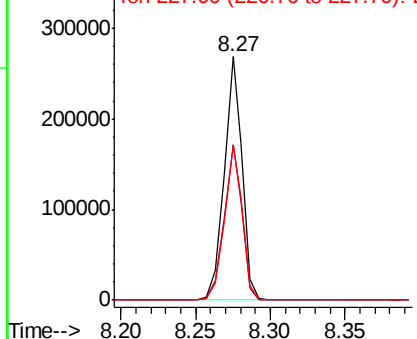
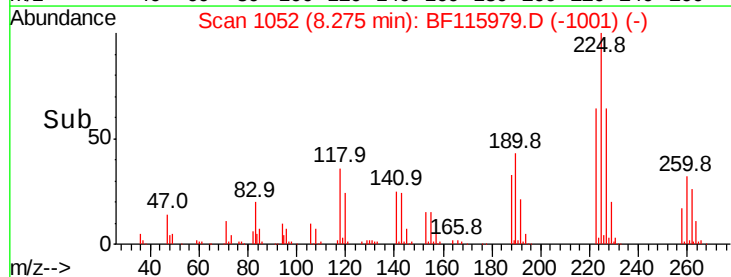


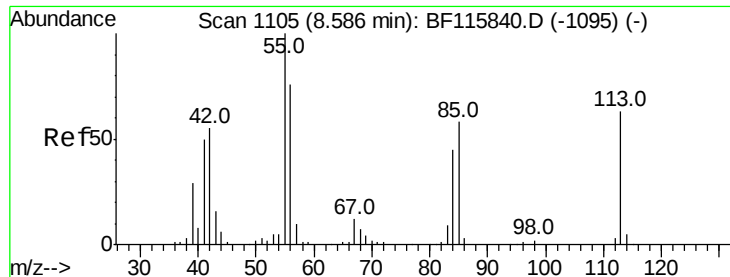
#34
Hexachlorobutadiene
Concen: 40.378 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:	225	Resp:	227412
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.9	51.6	77.4



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

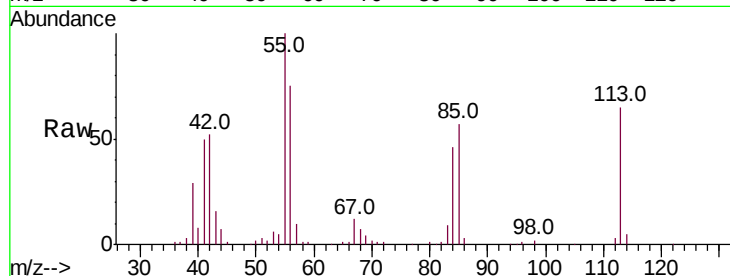




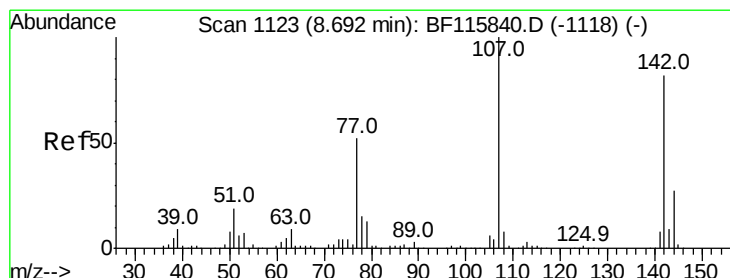
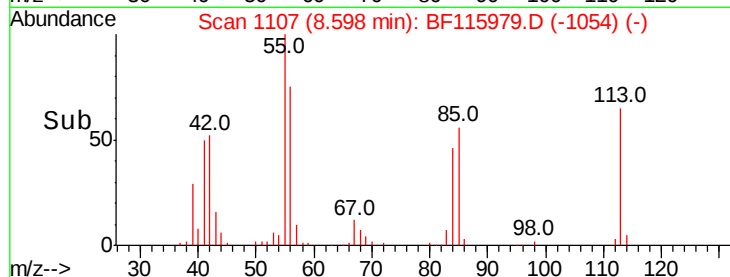
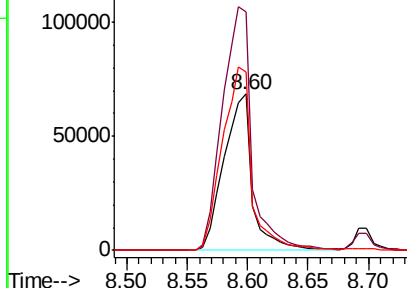
#35
 Caprolactam
 Concen: 40.129 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 111330
 Ion Ratio Lower Upper
 113 100
 55 152.9 138.1 178.1
 56 114.0 100.6 140.6

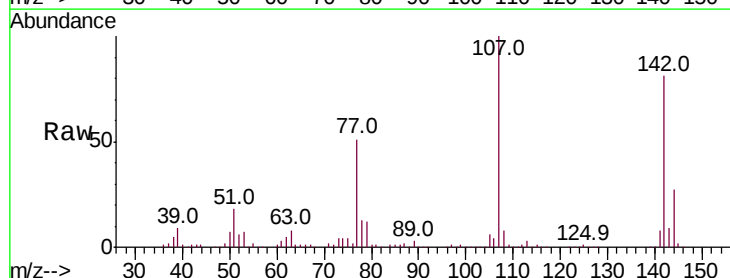


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

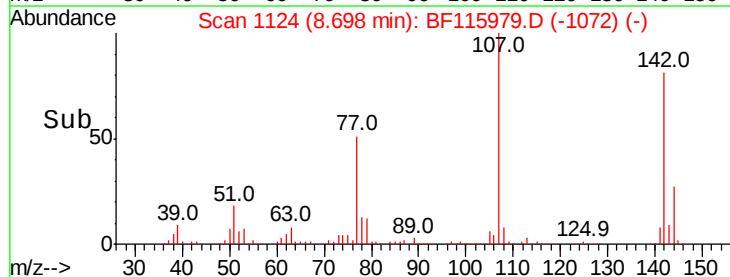
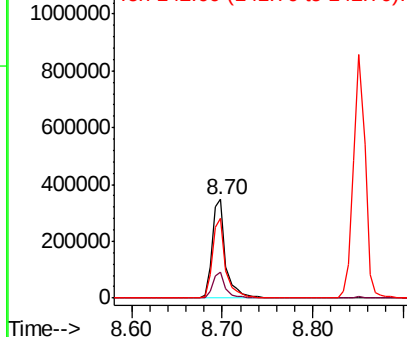


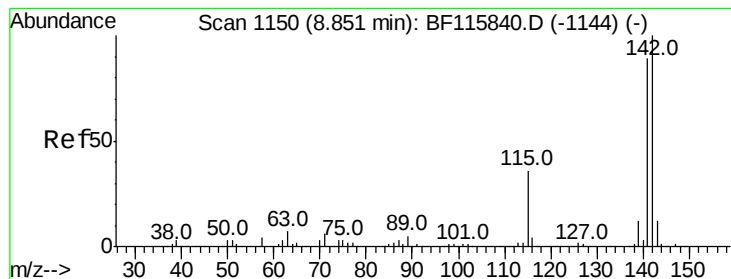
#36
 4-Chloro-3-methylphenol
 Concen: 40.850 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion:107 Resp: 364531
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.0
 142 81.4 65.5 98.3



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: 40.153 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

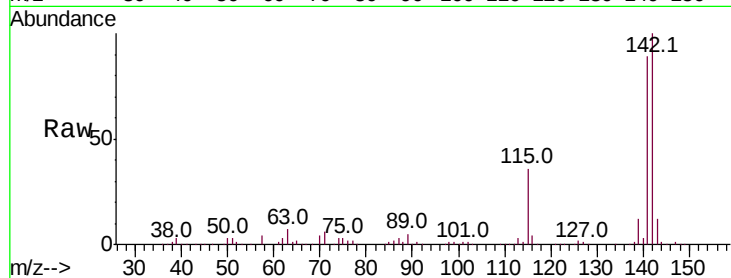
Tot Ion:142 Resp: 762053

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

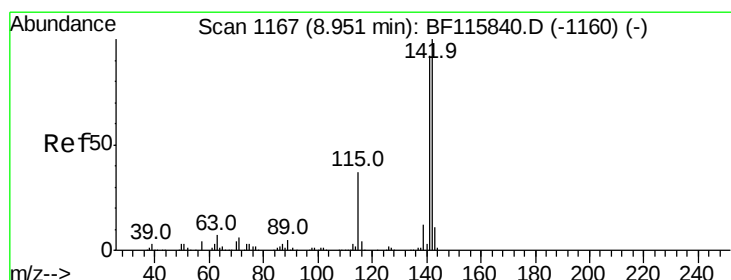
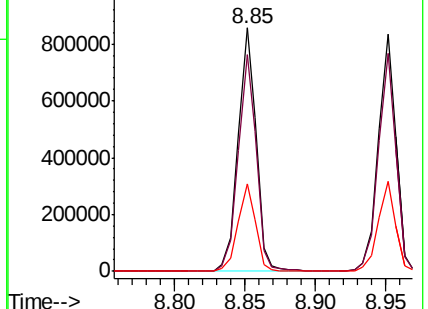
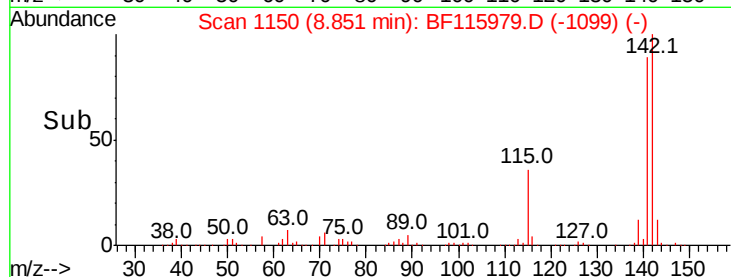
115 36.0 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.412 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

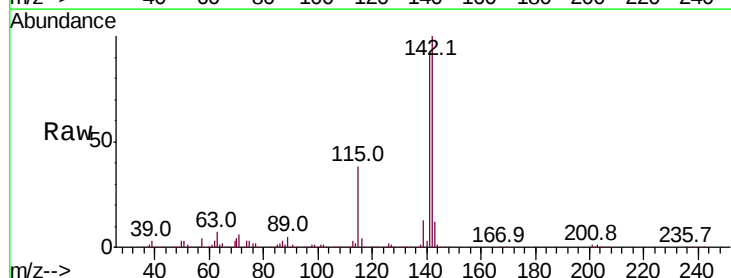
Tgt Ion:142 Resp: 725591

Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.6

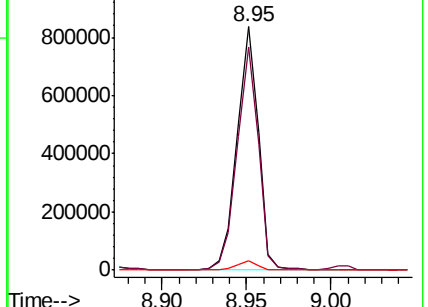
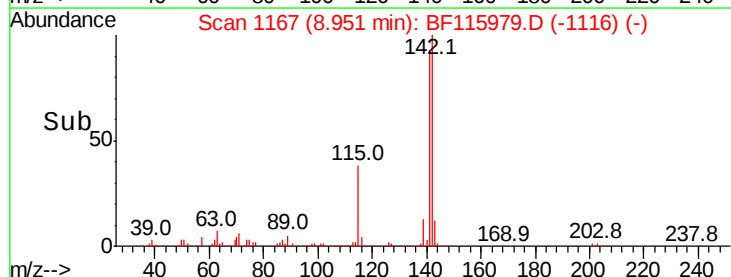
116 3.9 3.1 4.7

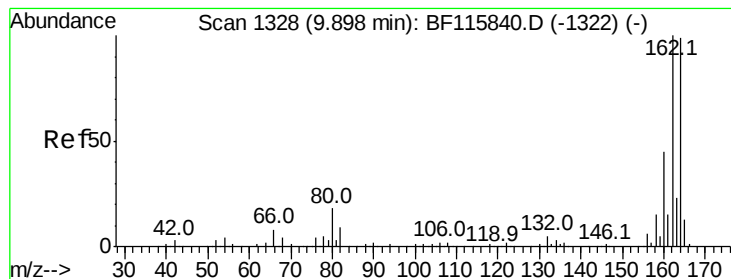


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

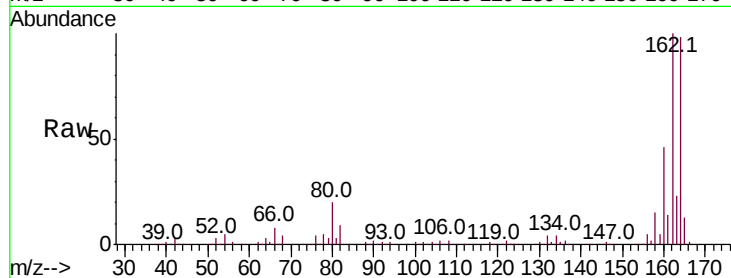
Tot Ion:164 Resp: 324554

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

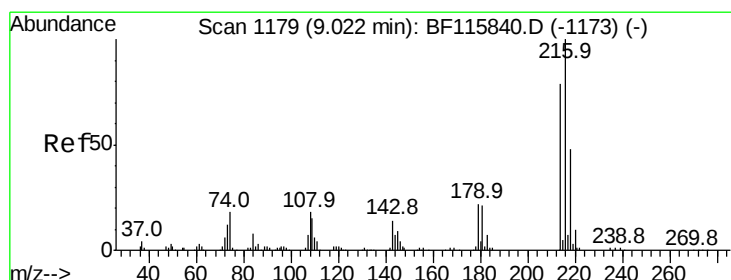
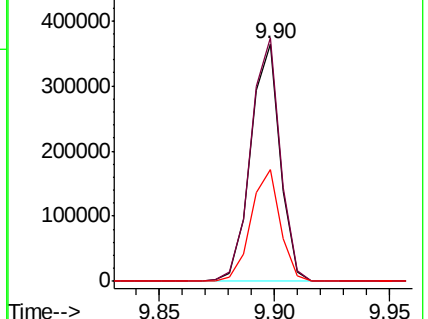
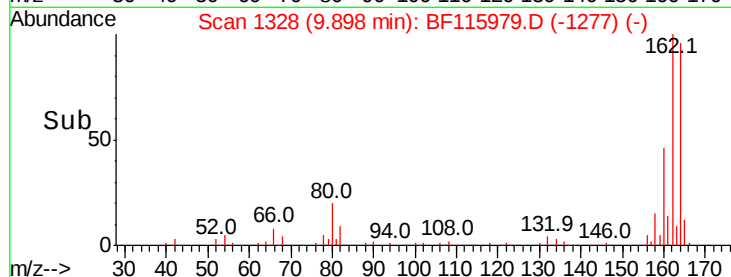
160 46.8 36.2 54.4



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: 40.796 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Tgt Ion:216 Resp: 353975

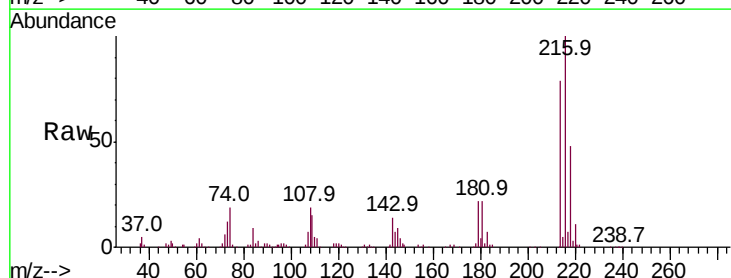
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 22.0 17.6 26.4

108 20.3 16.1 24.1

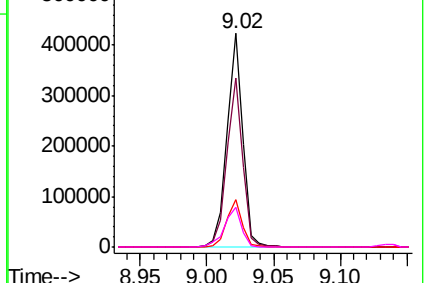
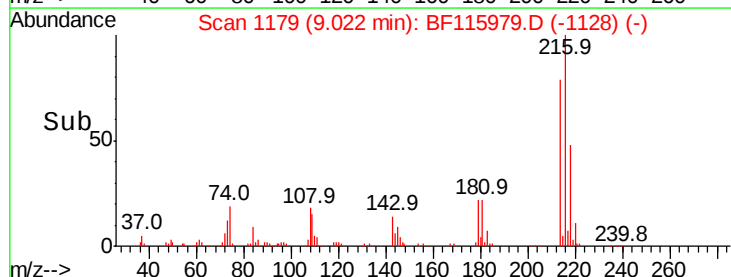


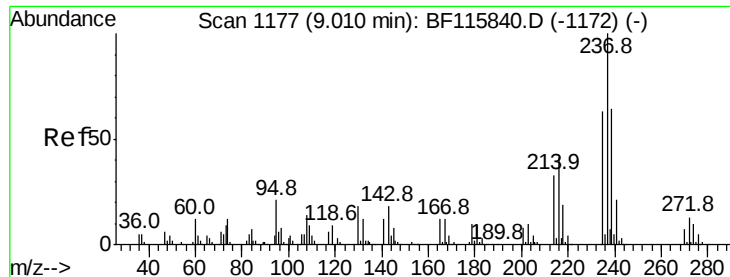
Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.105 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

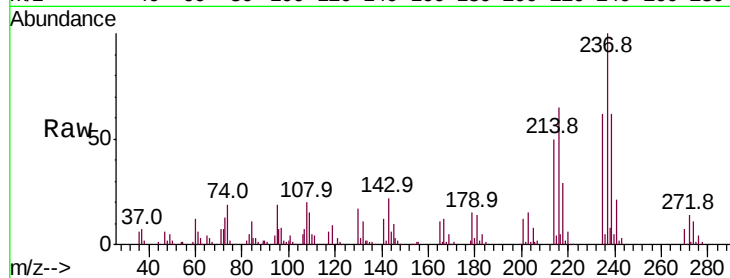
Tot Ion:237 Resp: 93314

Ion Ratio Lower Upper

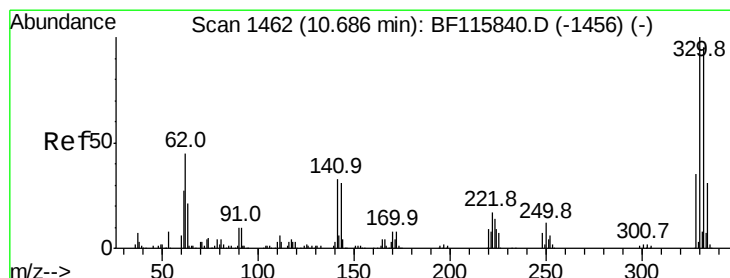
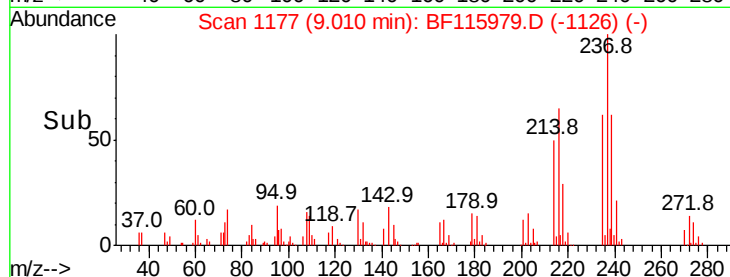
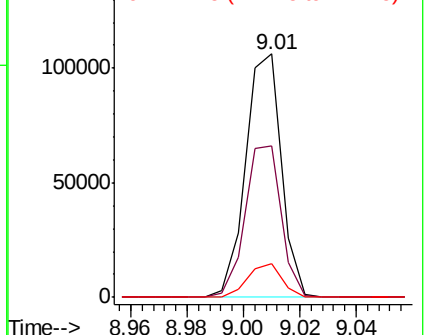
237 100

235 62.2 42.5 82.5

272 13.9 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 78.162 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

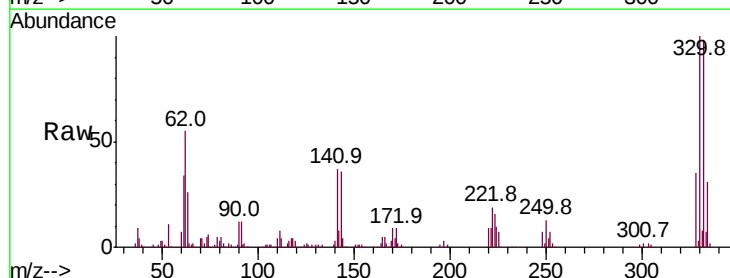
Tgt Ion:330 Resp: 245947

Ion Ratio Lower Upper

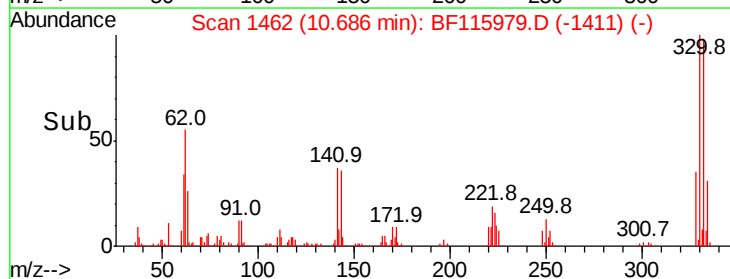
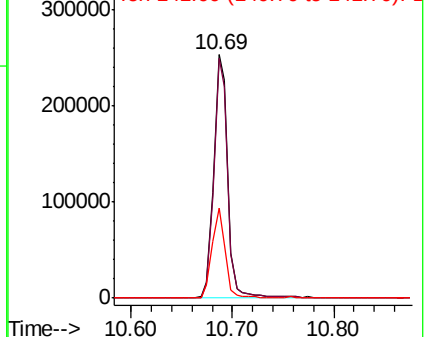
330 100

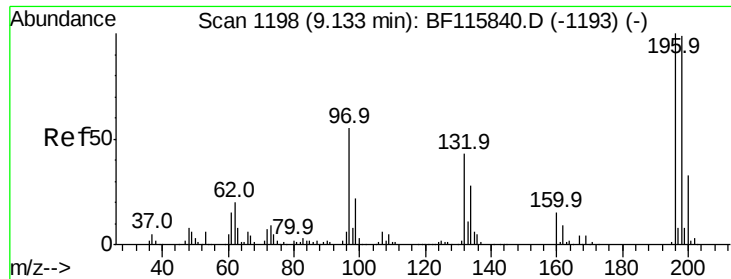
332 98.1 77.7 116.5

141 34.8 28.1 42.1



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

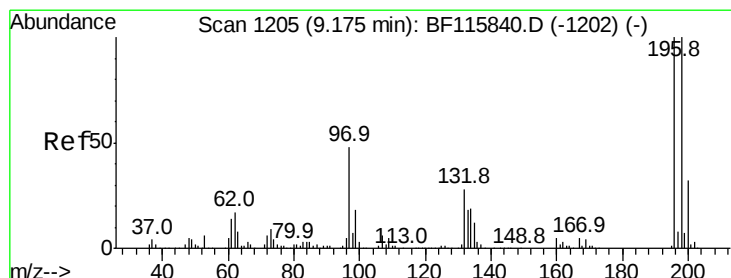
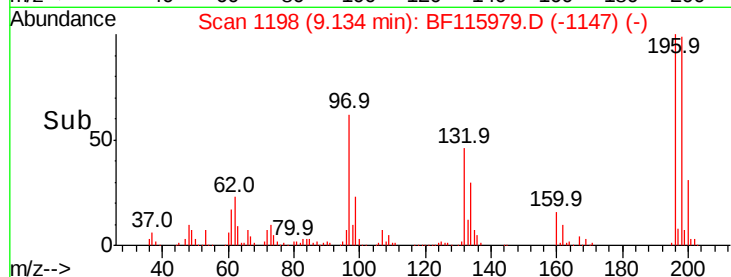
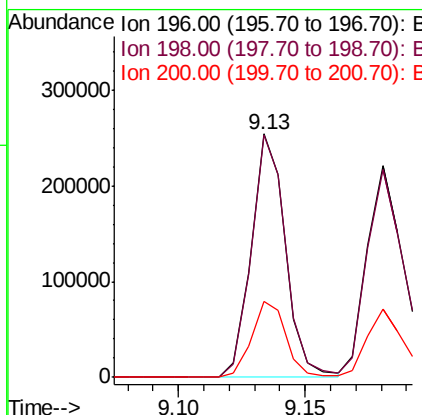
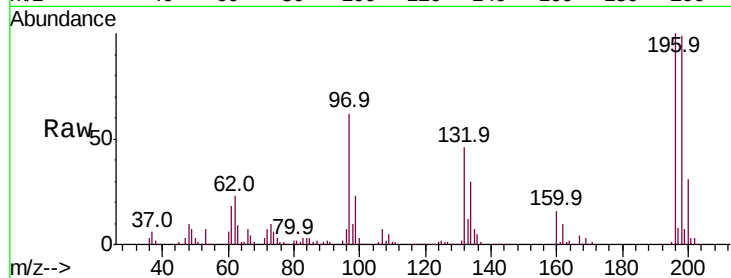




#43
 2,4,6-Trichlorophenol
 Concen: 39.973 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

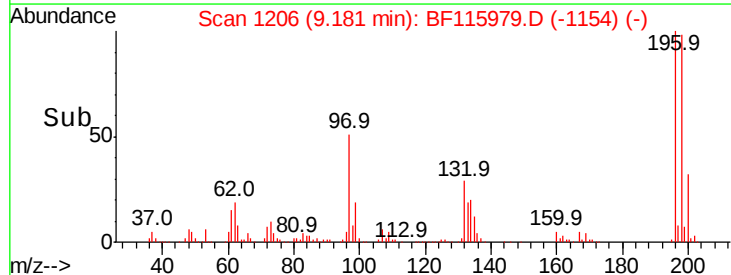
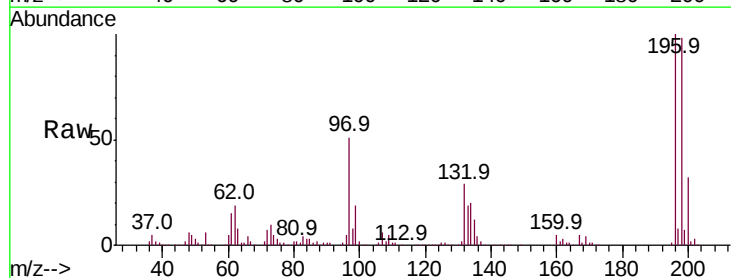
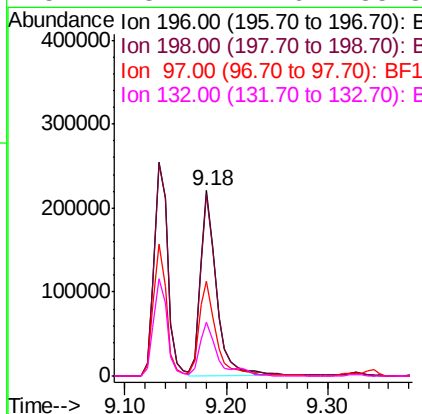
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

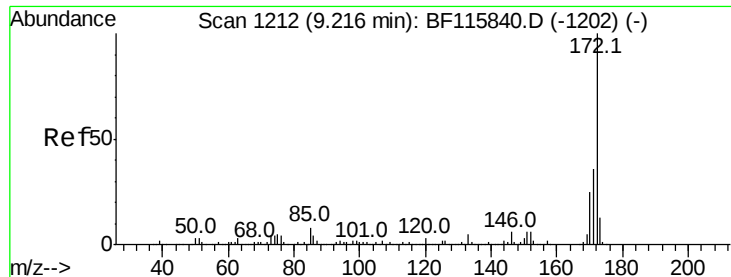
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.1	118.7
200	31.1	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.634 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	80.1	120.1
97	51.4	38.9	58.3
132	28.7	22.6	33.8

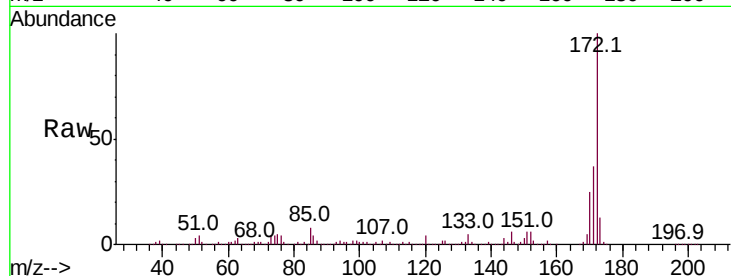




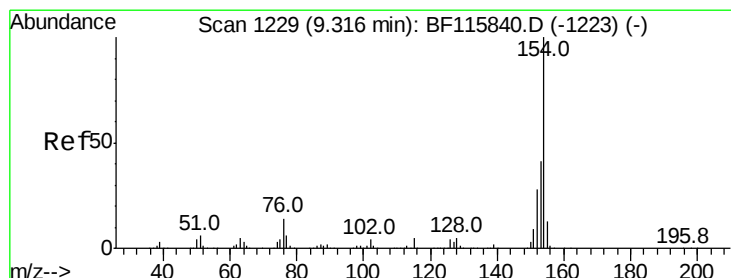
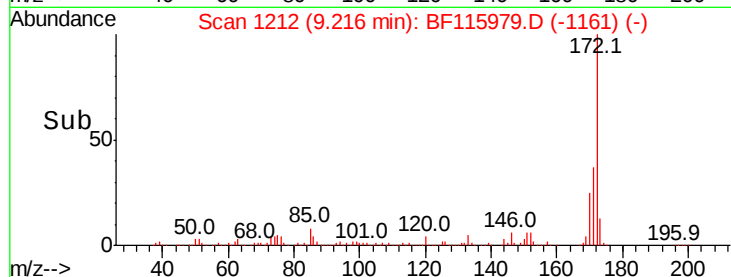
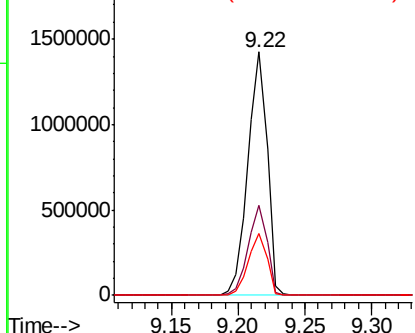
#45
2-Fluorobiphenyl
Concen: 81.011 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1403714
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 25.3 20.1 30.1

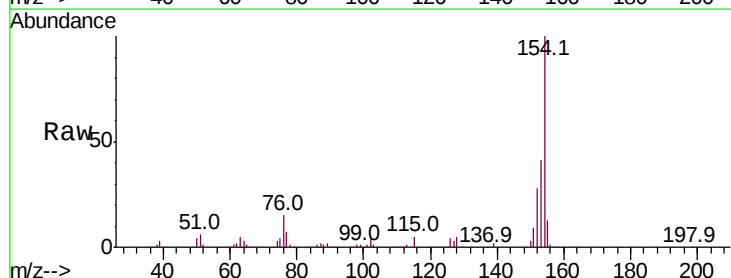


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

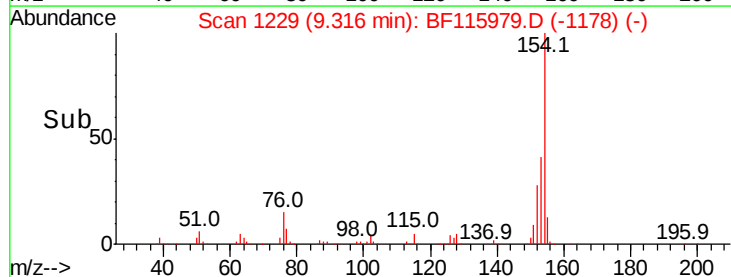
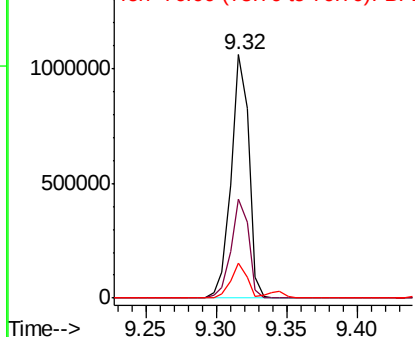


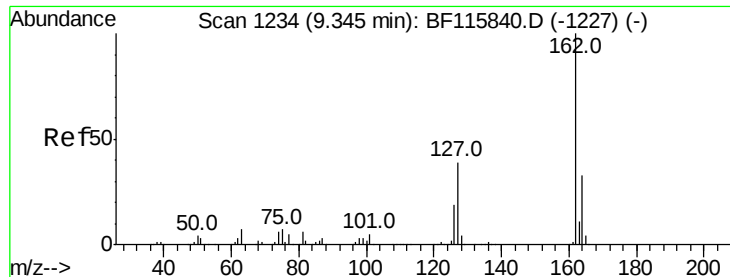
#46
1,1'-Biphenyl
Concen: 40.682 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:154 Resp: 932162
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.5 0.0 34.3



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

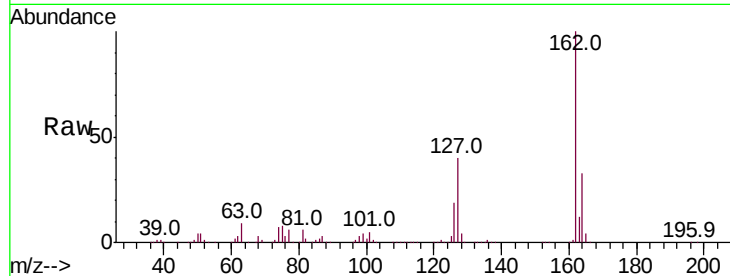




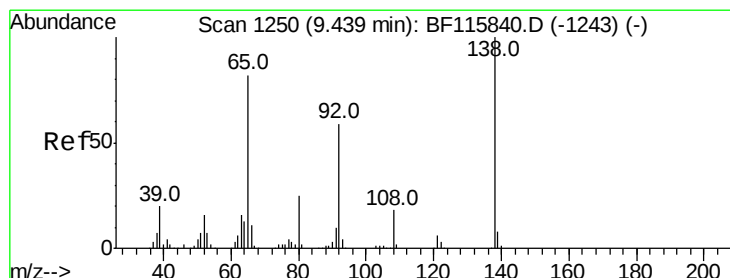
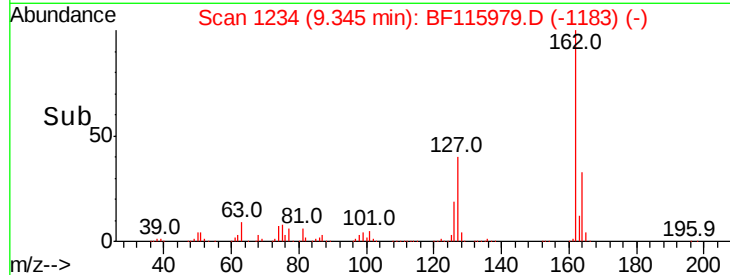
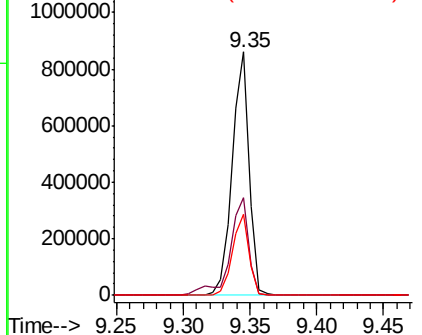
#47
 2-Chloronaphthalene
 Concen: 40.429 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162	Resp: 771007
Ion Ratio	Lower Upper
162 100	
127 39.9	31.3 46.9
164 33.4	26.6 40.0

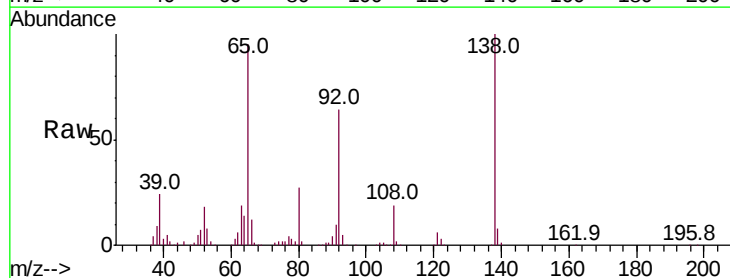


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

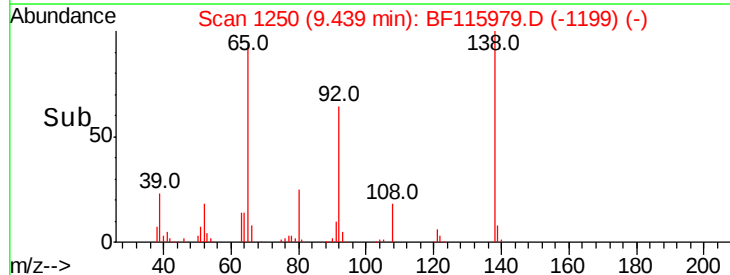
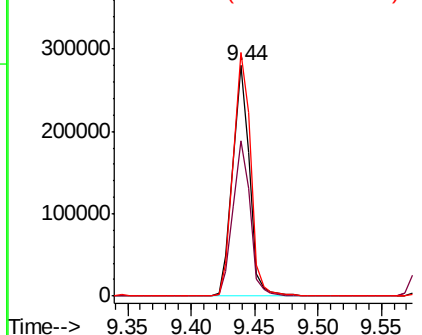


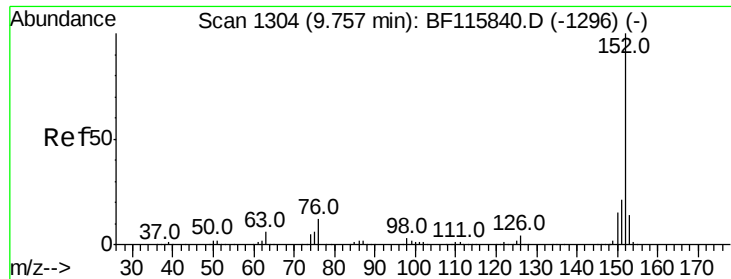
#48
 2-Nitroaniline
 Concen: 40.610 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion: 65	Resp: 255989
Ion Ratio	Lower Upper
65 100	
92 67.6	57.1 85.7
138 105.6	97.1 145.7



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





#49

Acenaphthylene

Concen: 40.421 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

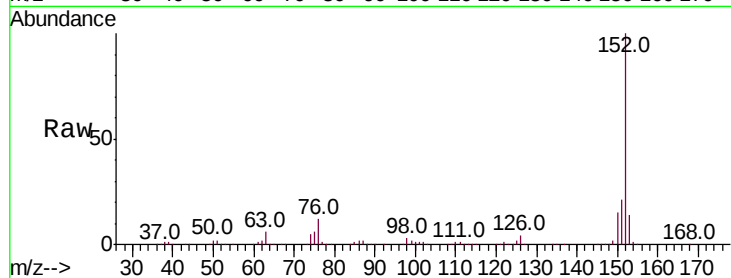
Tot Ion:152 Resp: 1124617

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.4	11.6	17.4

152 100

151 21.0 16.8 25.2

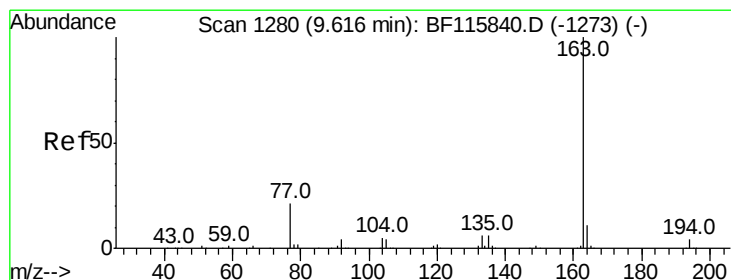
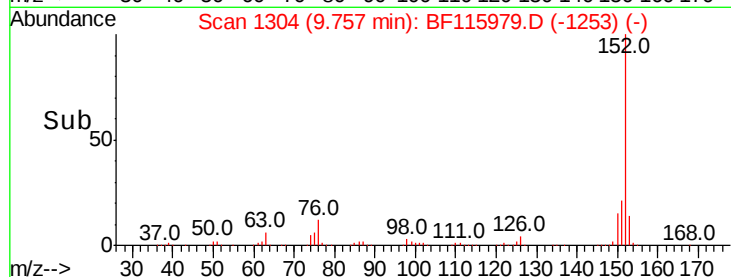
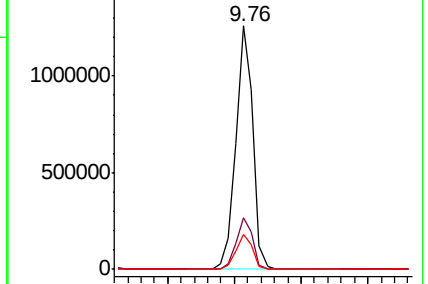
153 14.4 11.6 17.4



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: 40.892 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

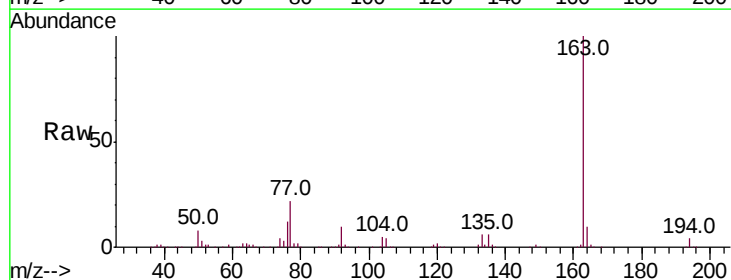
Tgt Ion:163 Resp: 903657

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.3	8.4	12.6

163 100

194 3.7 3.0 4.6

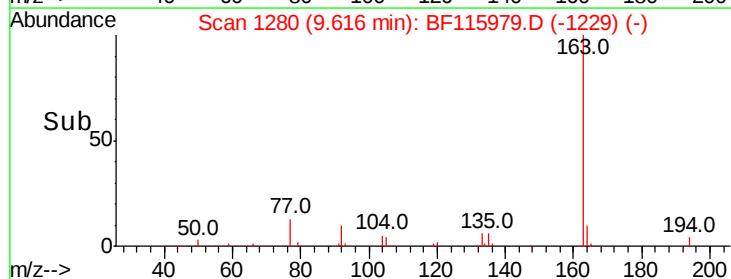
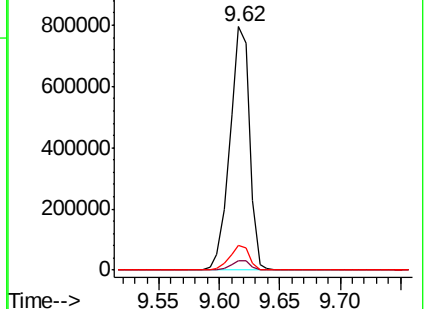
164 10.3 8.4 12.6

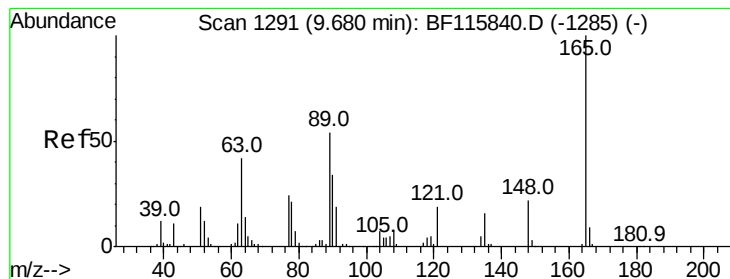


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.111 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

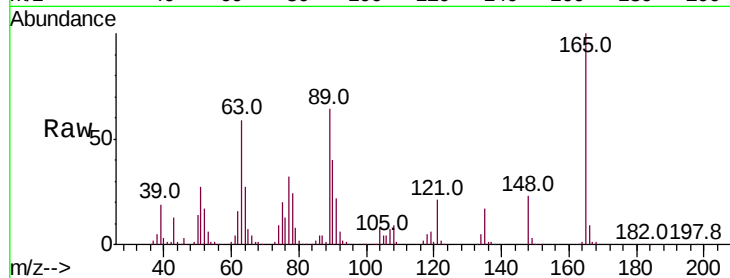
Tot Ion:165 Resp: 192628

Ion Ratio Lower Upper

165 100

63 59.3 39.4 59.2#

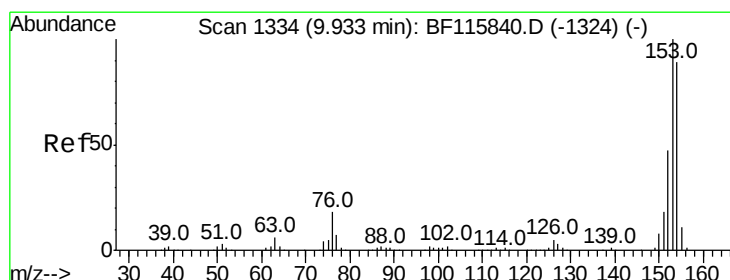
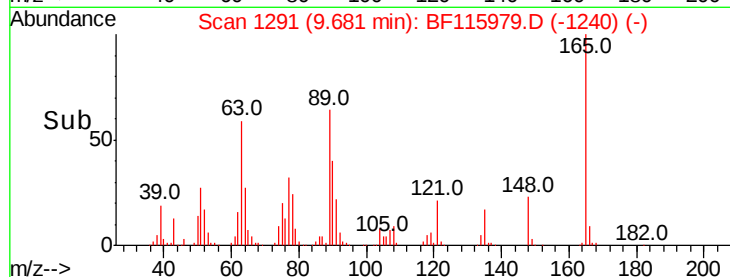
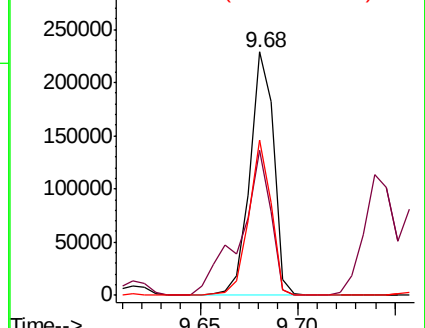
89 63.7 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.069 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

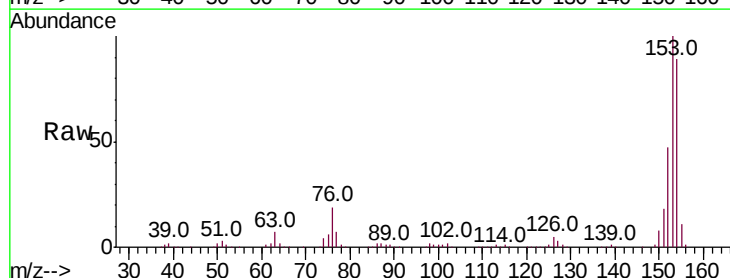
Tgt Ion:154 Resp: 683925

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

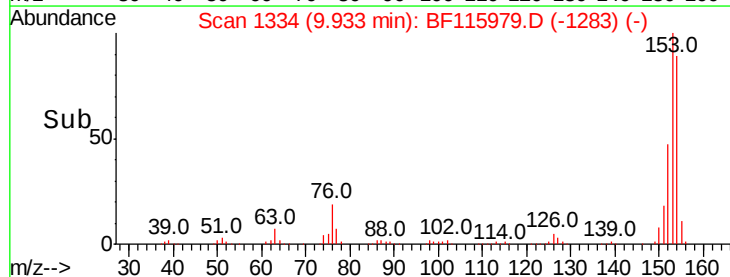
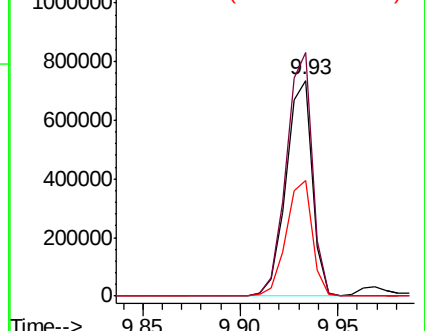
152 53.3 42.6 63.8

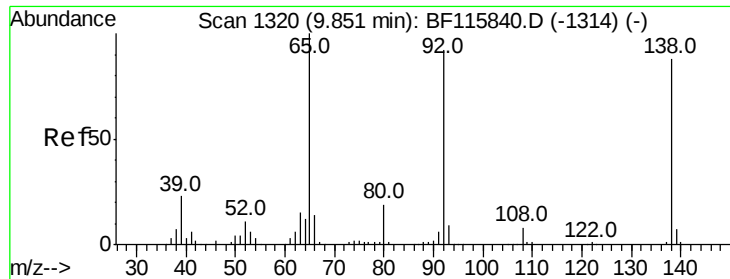


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

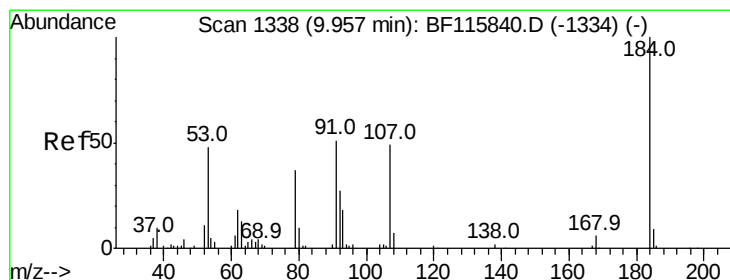
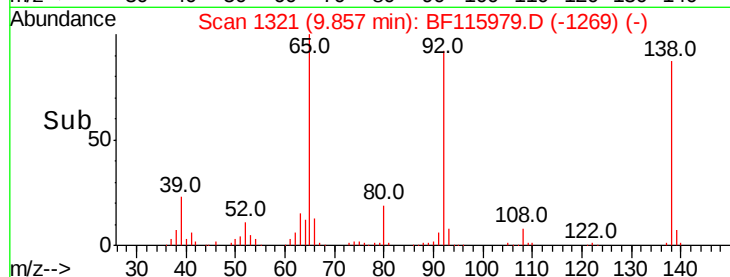
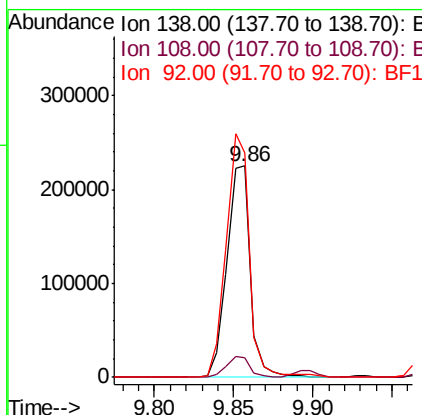
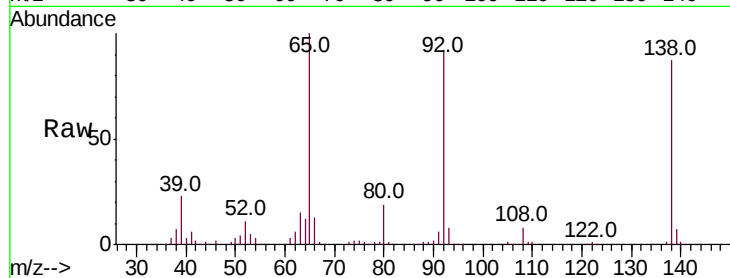




#53
 3-Nitroaniline
 Concen: 38.965 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

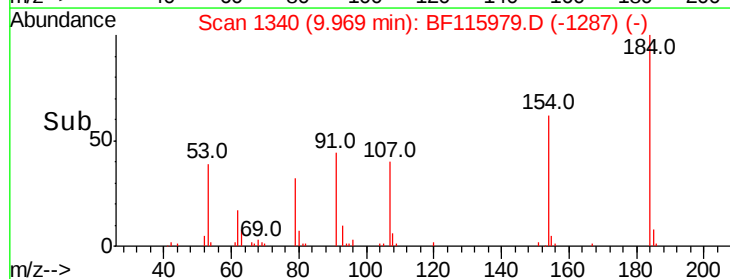
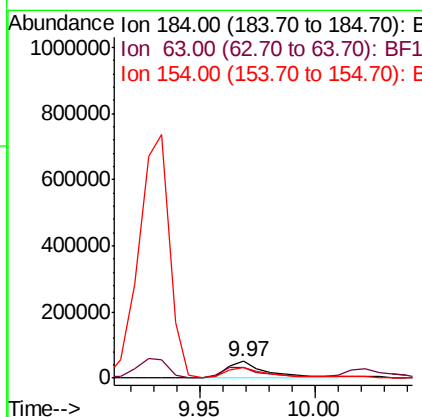
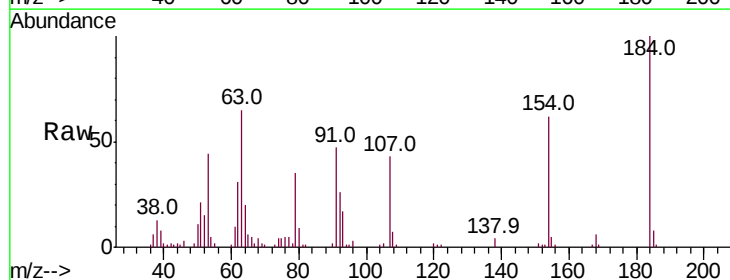
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

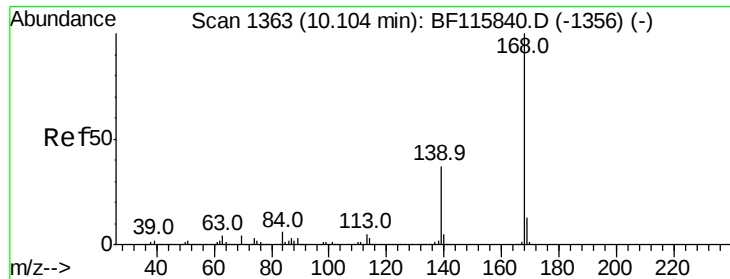
Tot Ion:138 Resp: 231215
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.4 11.2
 92 106.4 83.9 125.9



#54
 2,4-Dinitrophenol
 Concen: 30.856 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion:184 Resp: 62376
 Ion Ratio Lower Upper
 184 100
 63 64.6 56.7 85.1
 154 62.2 51.9 77.9

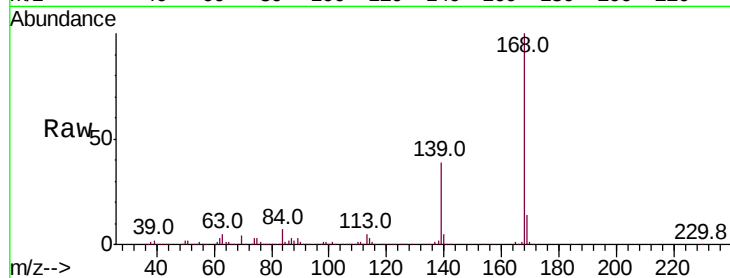




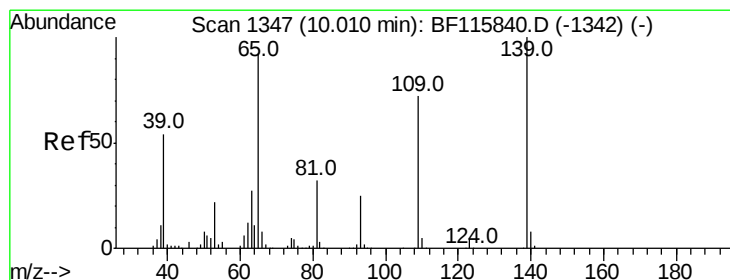
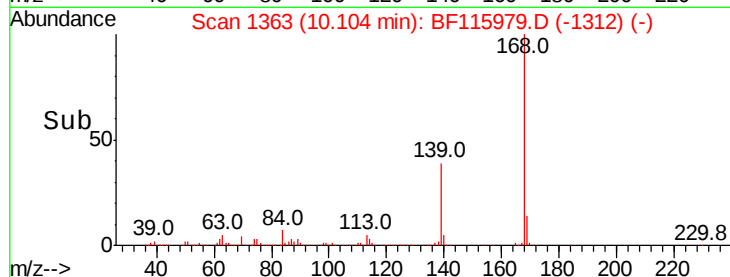
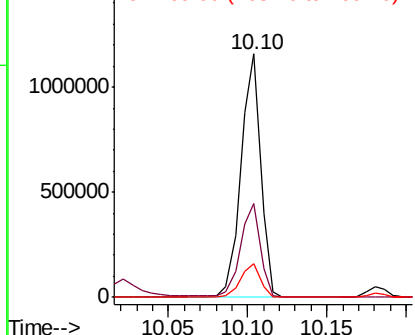
#55
Dibenzofuran
Concen: 40.190 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 997597
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.2
169 13.6 10.8 16.2

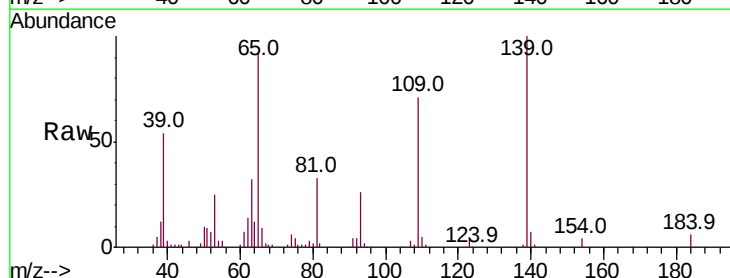


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

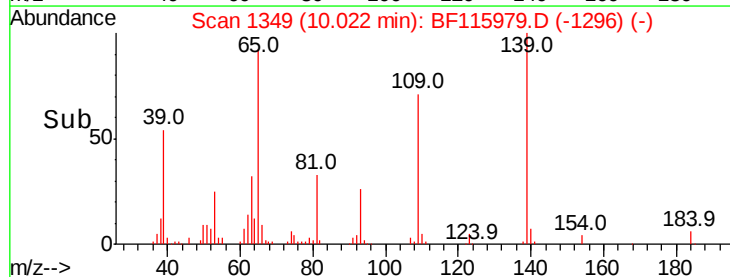
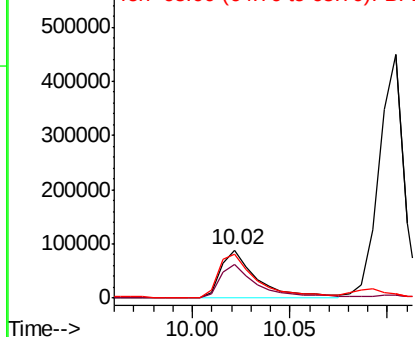


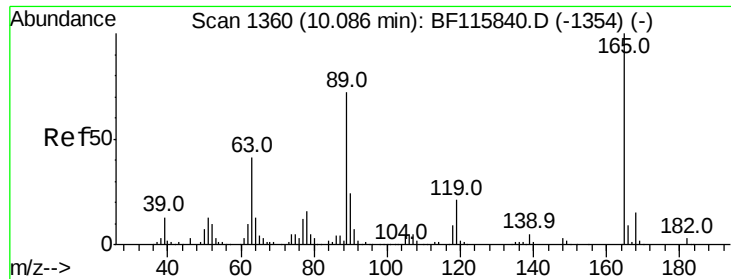
#56
4-Nitrophenol
Concen: 30.206 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:139 Resp: 114822
Ion Ratio Lower Upper
139 100
109 71.4 52.0 92.0
65 91.6 72.6 112.6



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

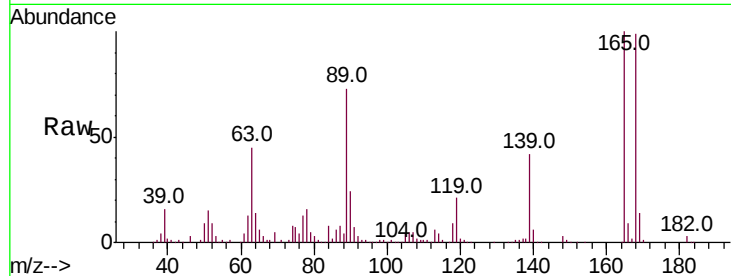




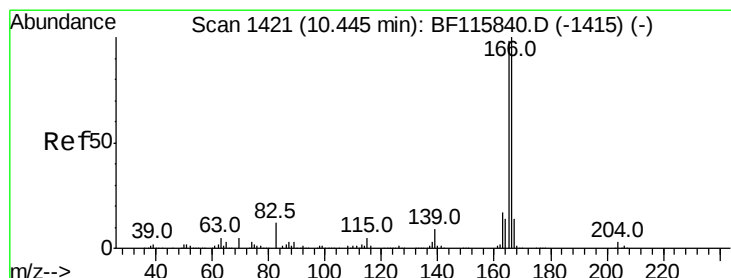
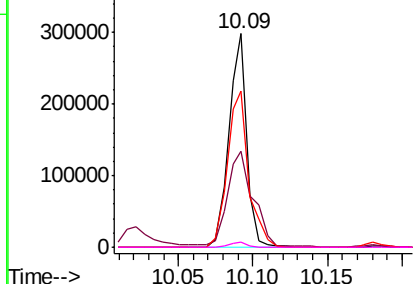
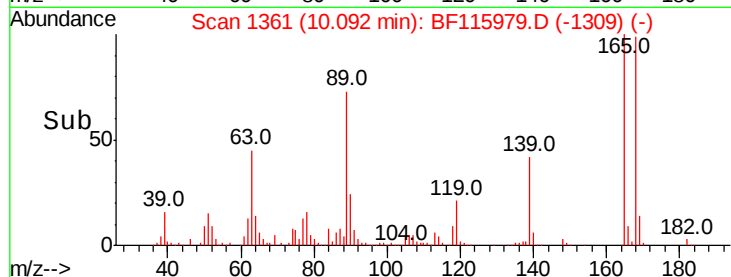
#57
2,4-Dinitrotoluene
Concen: 39.647 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	165	Resp:	253502
Ion	Ratio	Lower	Upper
165	100		
63	45.1	33.2	49.8
89	73.4	57.3	85.9
182	2.5	2.1	3.1

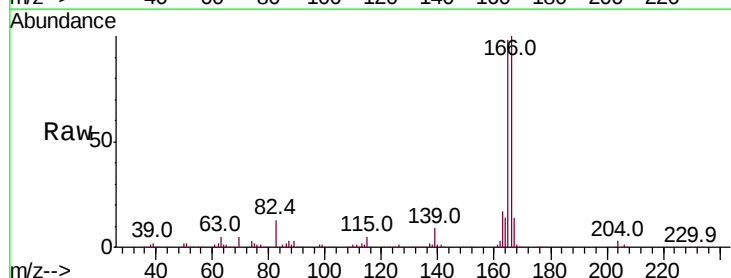


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

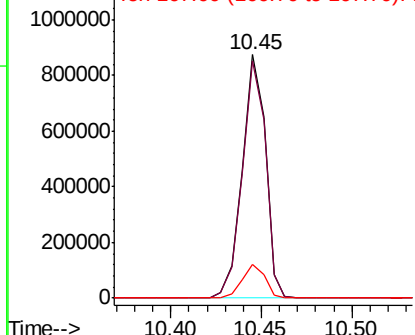
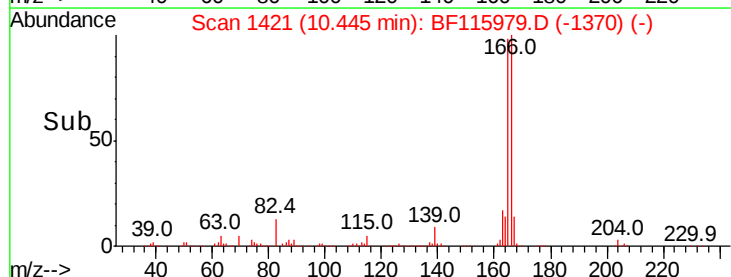


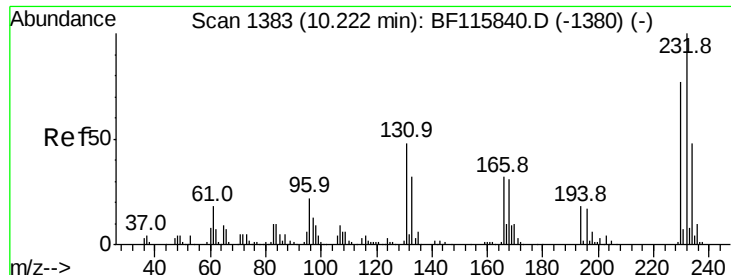
#58
Fluorene
Concen: 41.033 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:	166	Resp:	783640
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	118.0
167	13.6	10.9	16.3



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

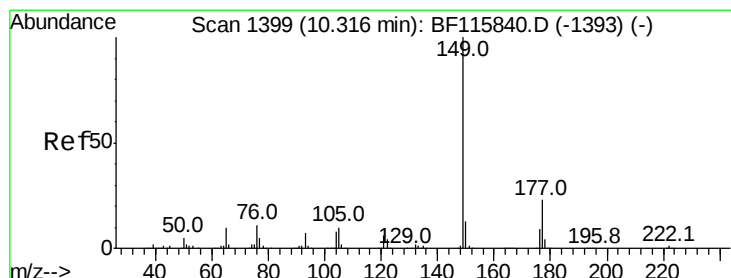
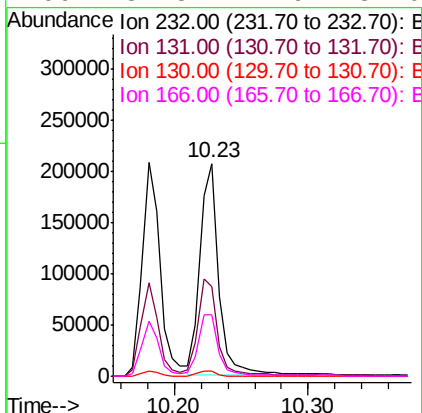
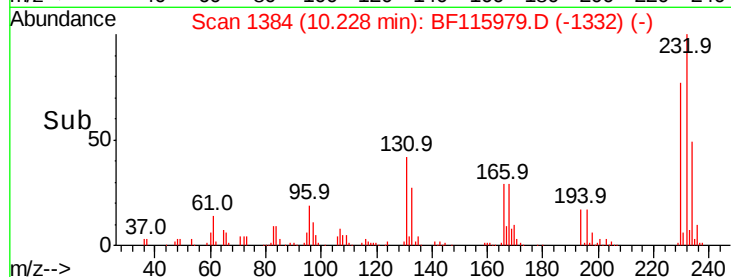
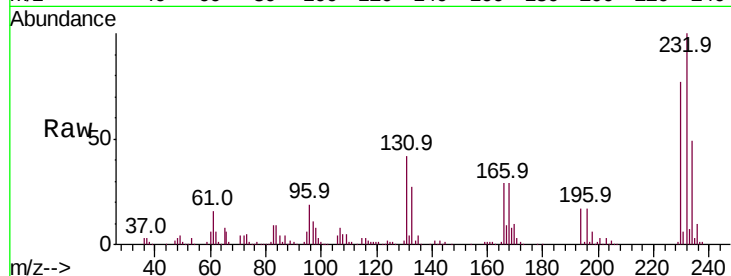




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.493 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

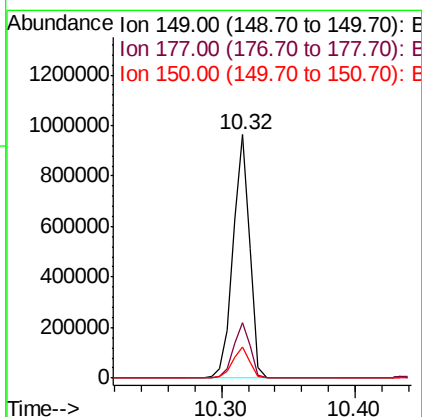
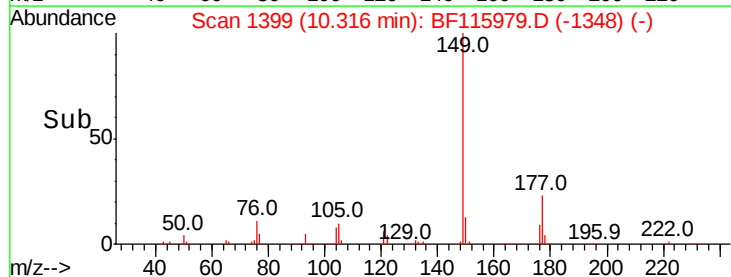
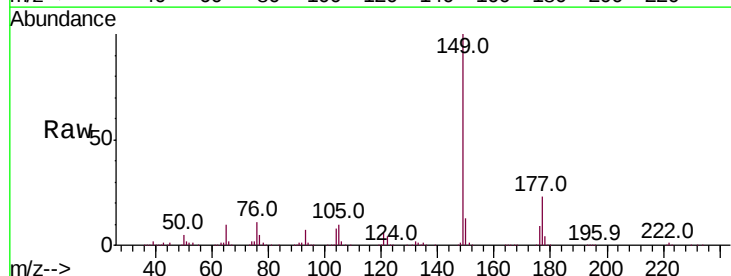
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

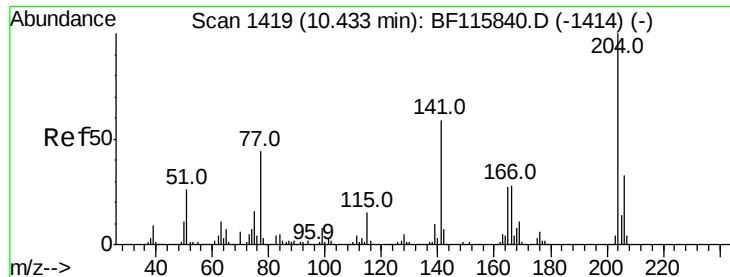
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.6	56.4
130	2.6	1.8	2.8
166	31.3	24.6	37.0



#60
 Diethylphthalate
 Concen: 40.899 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.9	10.1	15.1

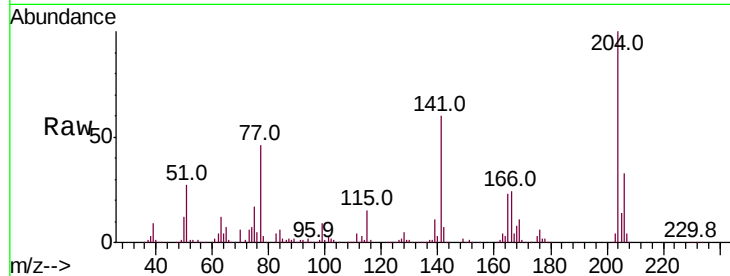




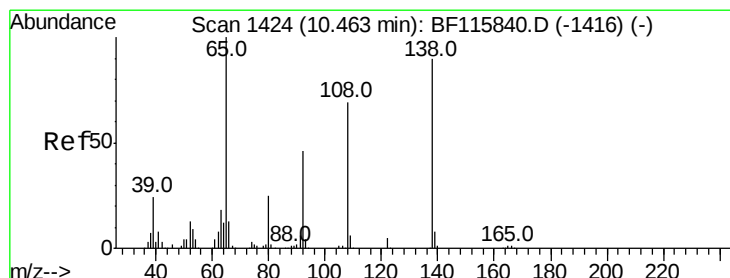
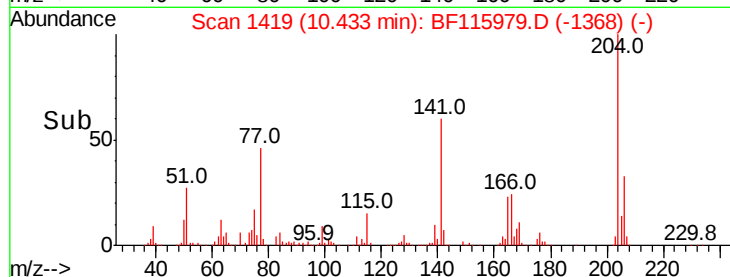
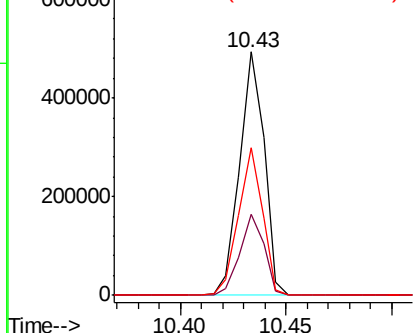
#61
 4-Chlorophenyl-phenylether
 Concen: 40.979 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:204 Resp: 396352
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.4 39.6
 141 60.4 47.0 70.4

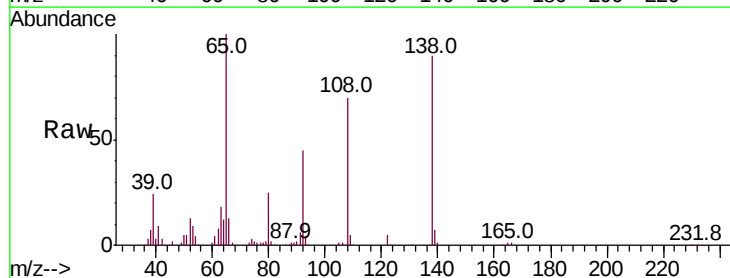


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

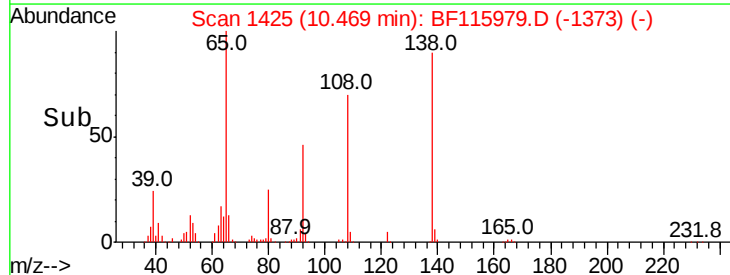
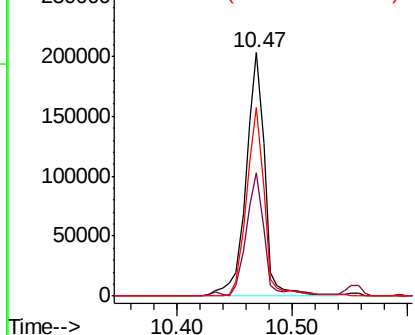


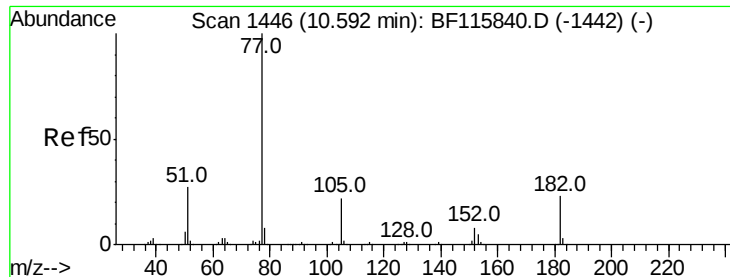
#62
 4-Nitroaniline
 Concen: 36.963 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion:138 Resp: 226673
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.0 71.0
 108 77.7 56.7 96.7



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

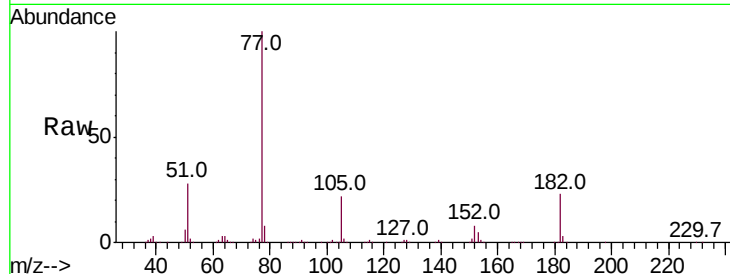




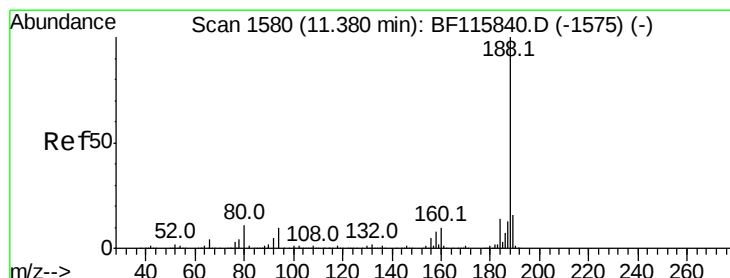
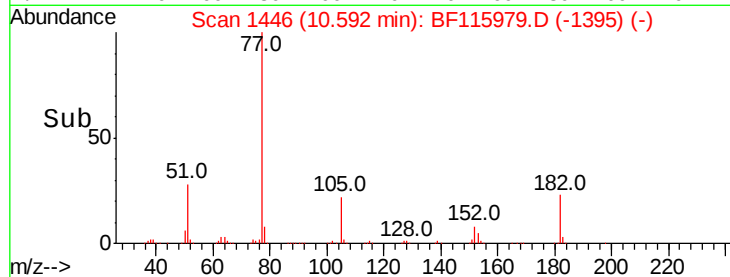
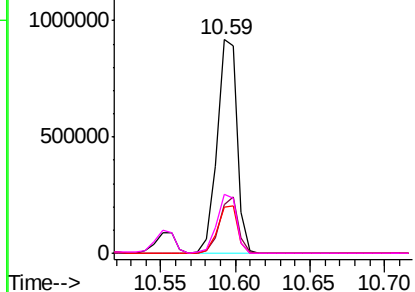
#63
Azobenzene
Concen: 40.634 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	77	Resp:	862298
Ion	Ratio	Lower	Upper
77	100		
182	22.7	2.6	42.6
105	21.8	1.6	41.6
51	27.8	7.4	47.4

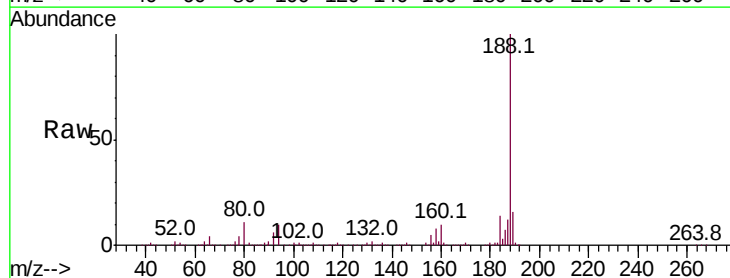


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

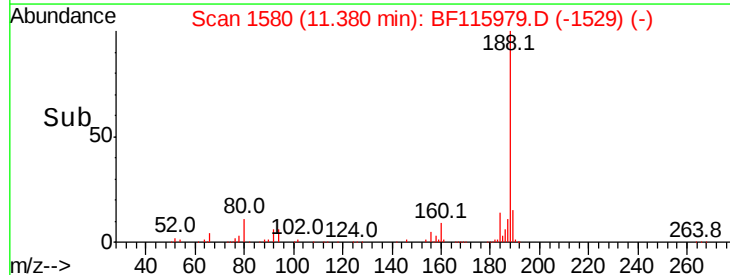
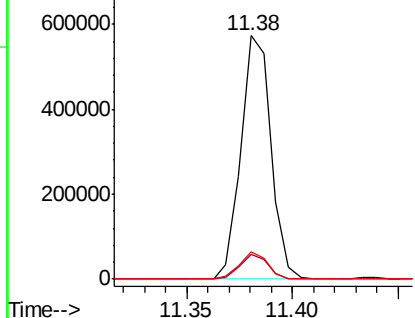


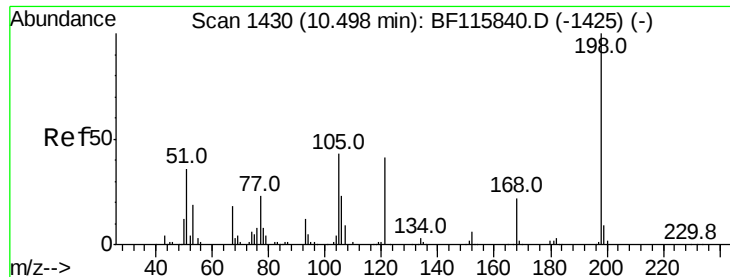
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:	188	Resp:	565756
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	11.4	8.6	12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.128 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

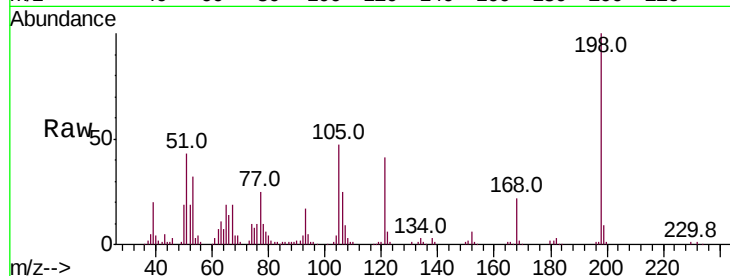
Tot Ion:198 Resp: 114312

Ion Ratio Lower Upper

198 100

51 42.7 21.1 61.1

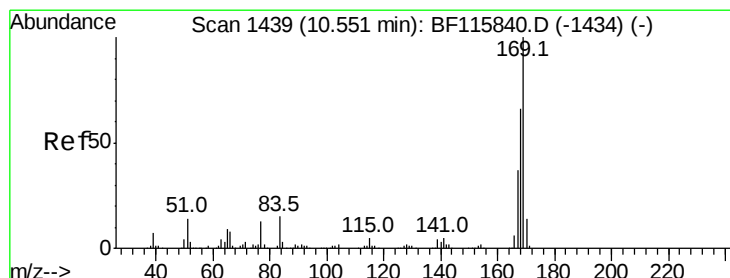
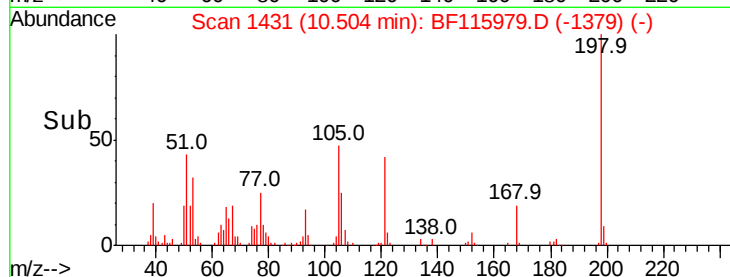
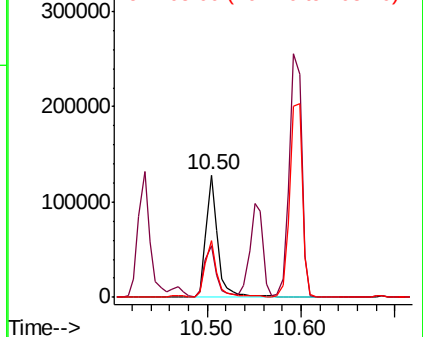
105 46.7 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.401 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

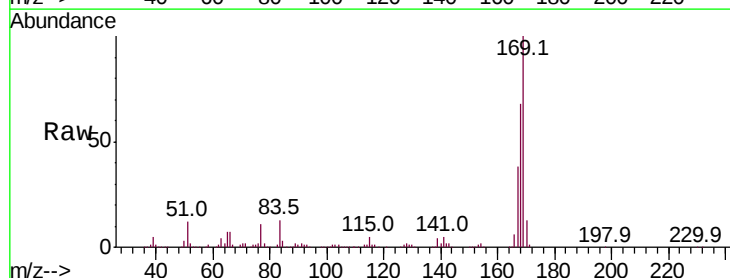
Tgt Ion:169 Resp: 687969

Ion Ratio Lower Upper

169 100

168 67.6 53.0 79.6

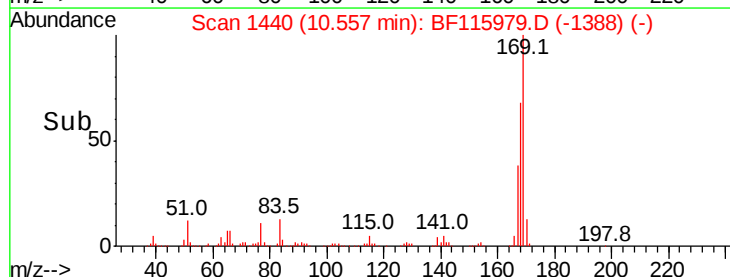
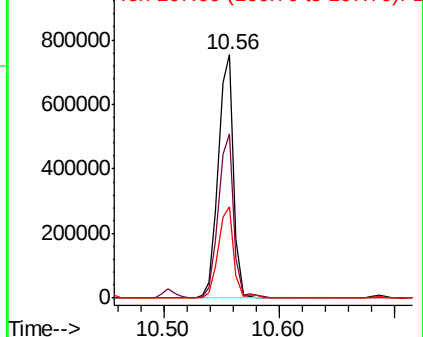
167 37.7 29.9 44.9

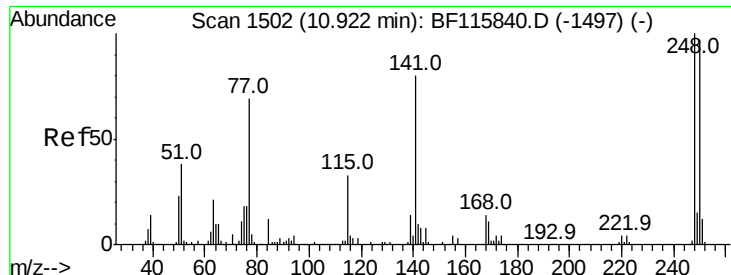


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

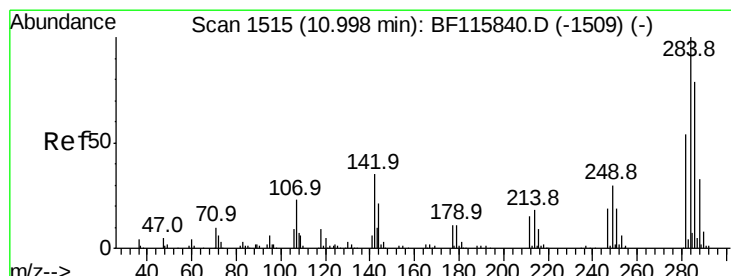
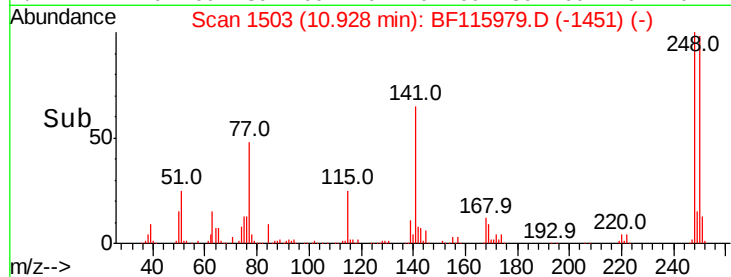
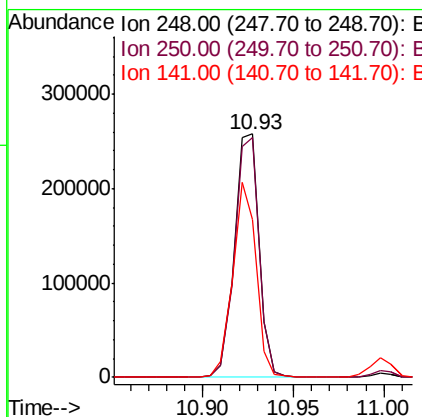
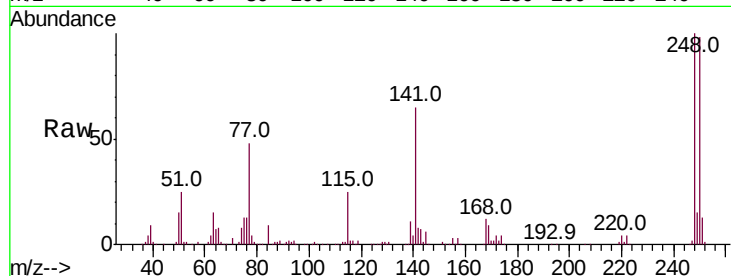




#67
 4-Bromophenyl-phenylether
 Concen: 40.418 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

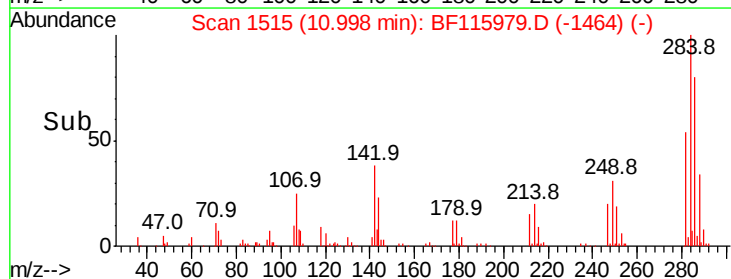
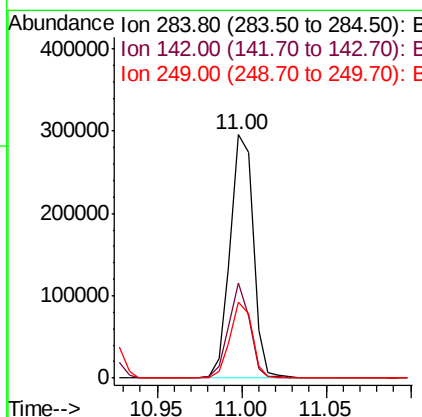
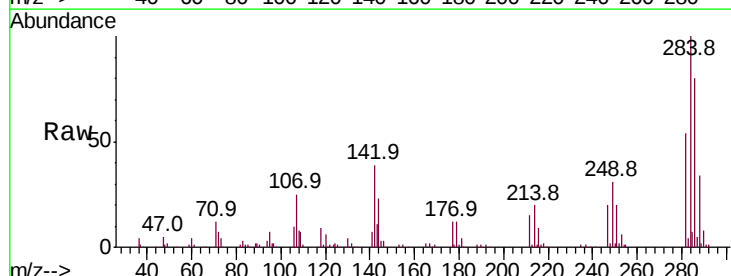
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

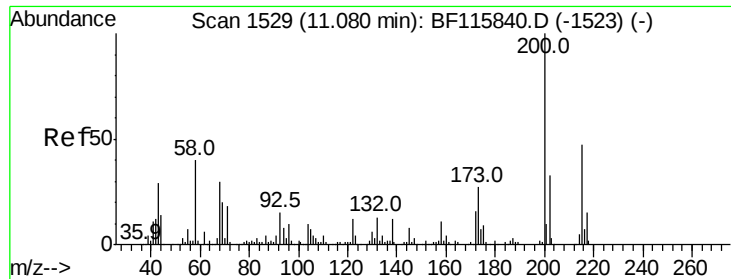
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.8	116.6
141	65.0	64.3	96.5



#68
 Hexachlorobenzene
 Concen: 40.205 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.0	28.2	42.2
249	31.1	24.0	36.0

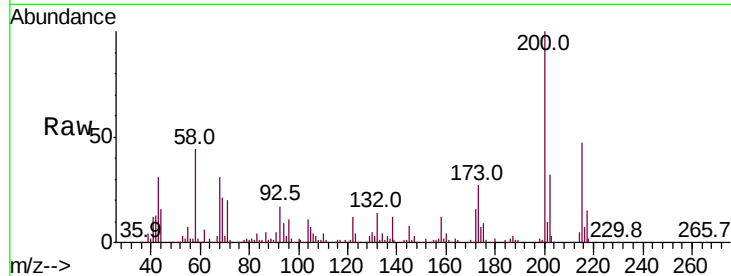




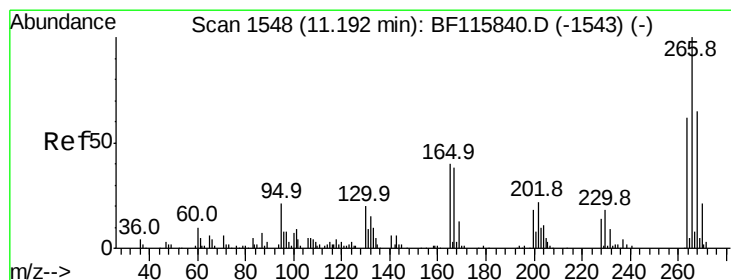
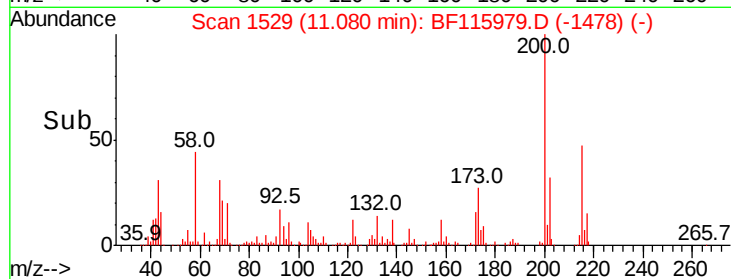
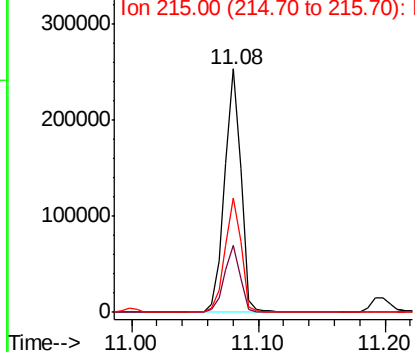
#69
Atrazine
Concen: 40.688 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.3	47.3
215	46.8	26.9	66.9

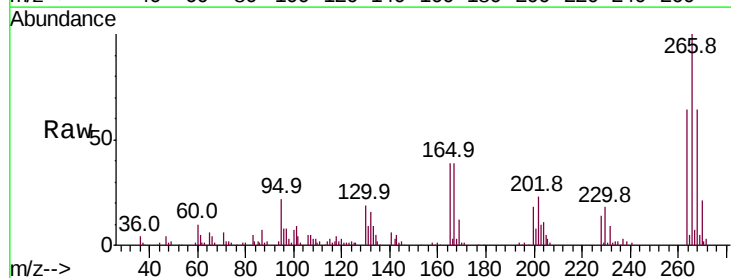


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

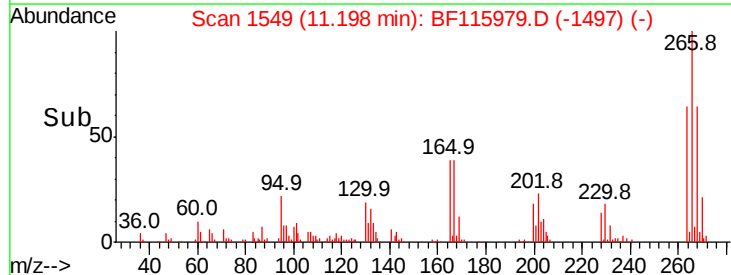
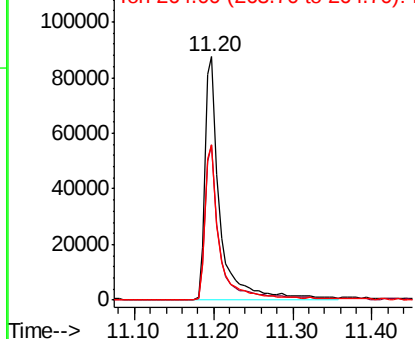


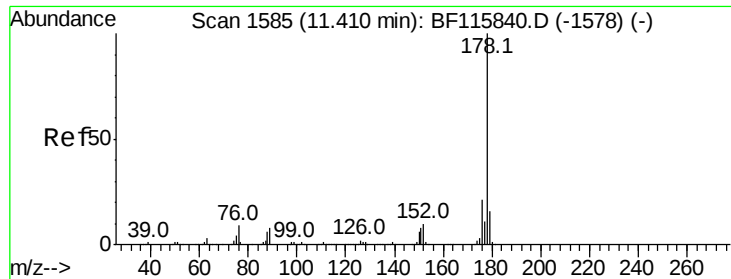
#70
Pentachlorophenol
Concen: 34.767 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.6	77.4
264	63.7	49.4	74.0



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: 39.961 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

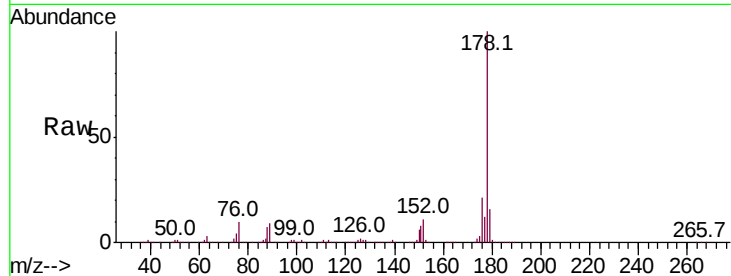
Tot Ion:178 Resp: 1155780

Ion Ratio Lower Upper

178 100

176 20.9 16.5 24.7

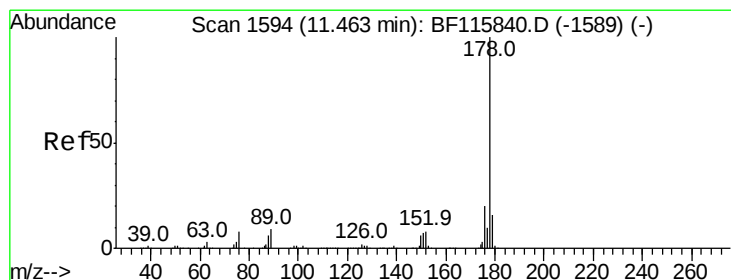
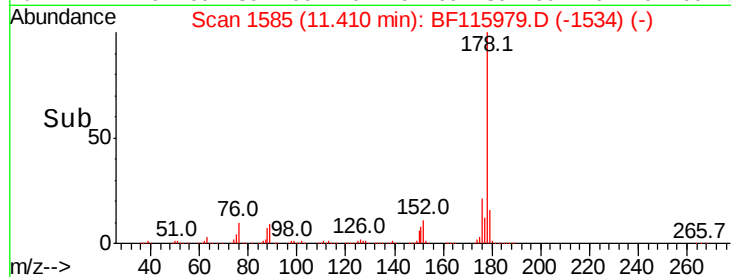
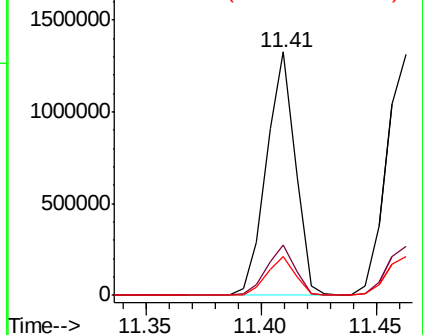
179 16.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.111 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

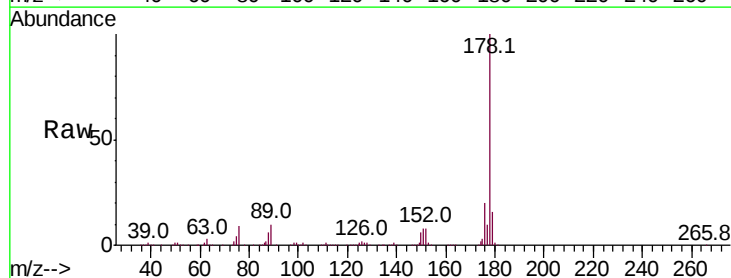
Tgt Ion:178 Resp: 1174091

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

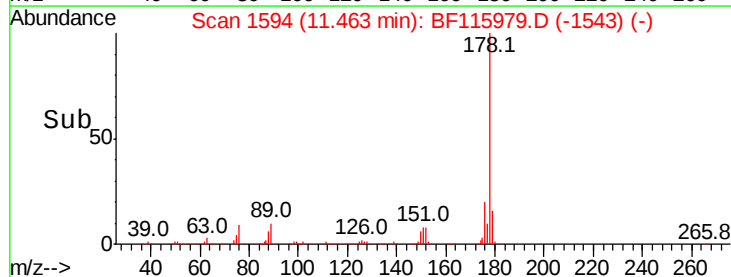
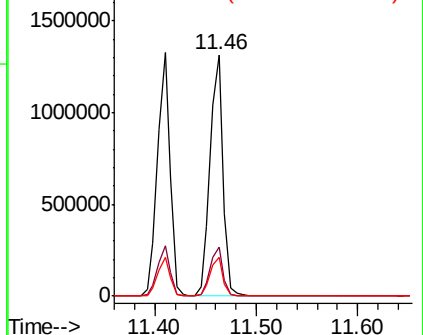
179 16.0 12.4 18.6

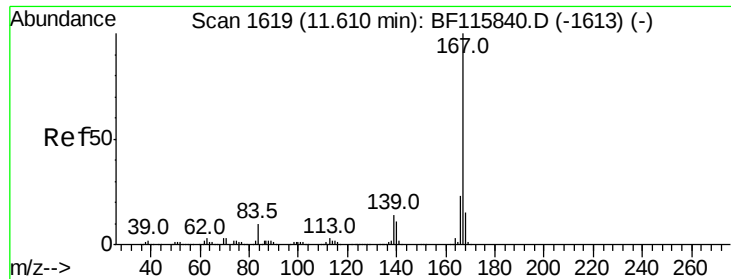


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

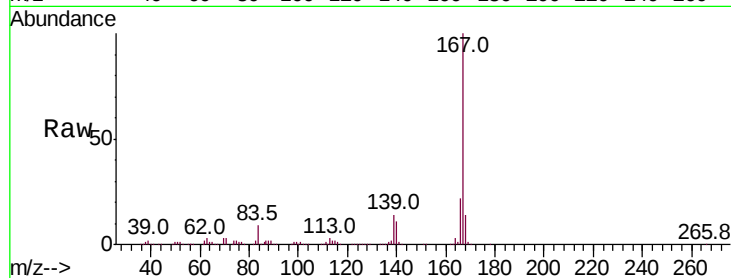




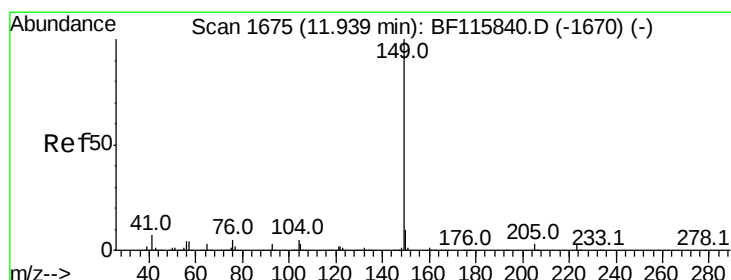
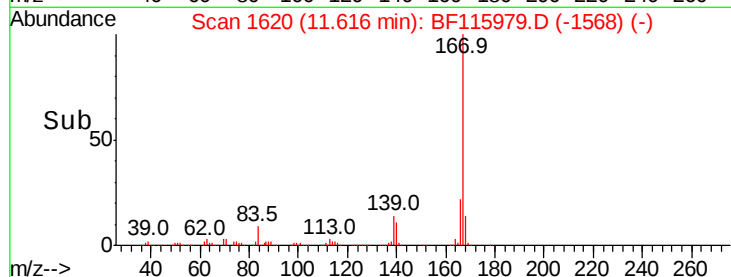
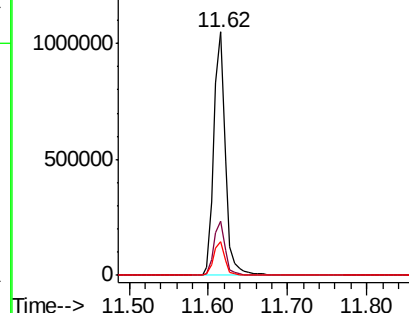
#73
 Carbazole
 Concen: 40.023 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1062865
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 13.7 11.4 17.2

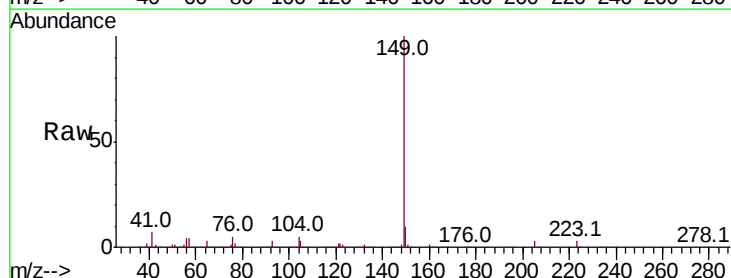


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

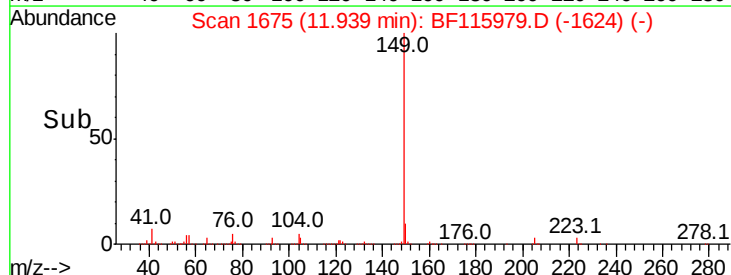
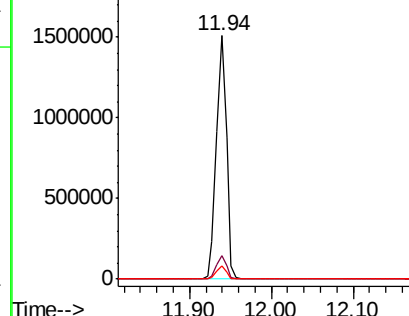


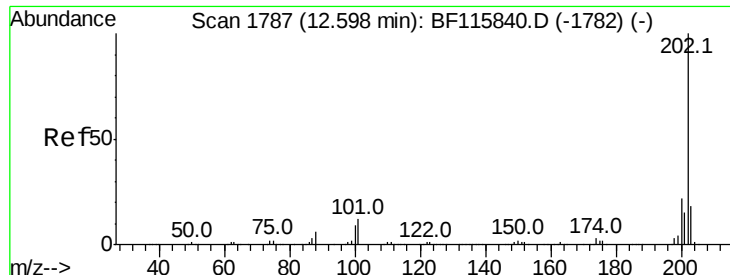
#74
 Di-n-butylphthalate
 Concen: 41.833 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion:149 Resp: 1295943
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.3 4.3 6.5



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: 40.364 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

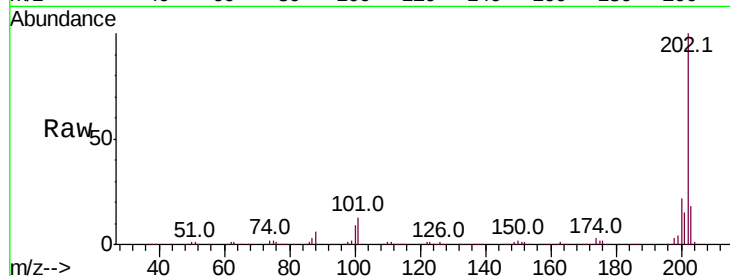
Tot Ion:202 Resp: 1222195

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

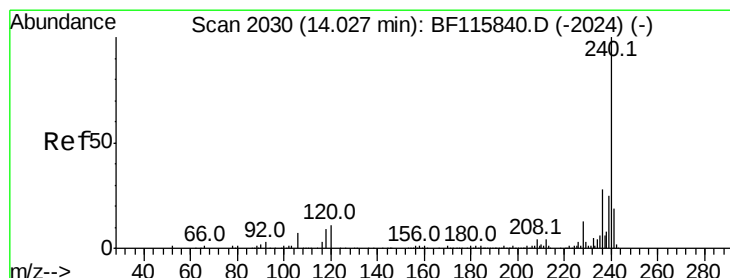
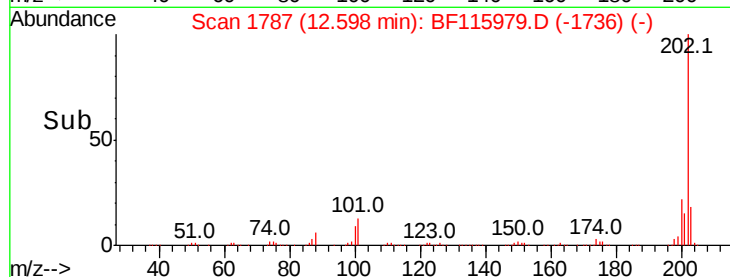
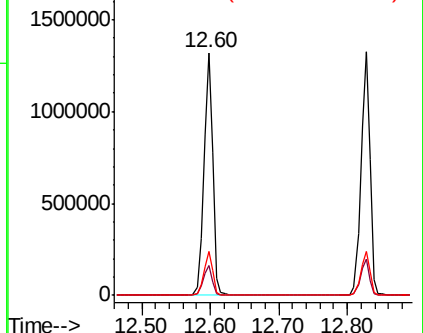
203 17.9 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

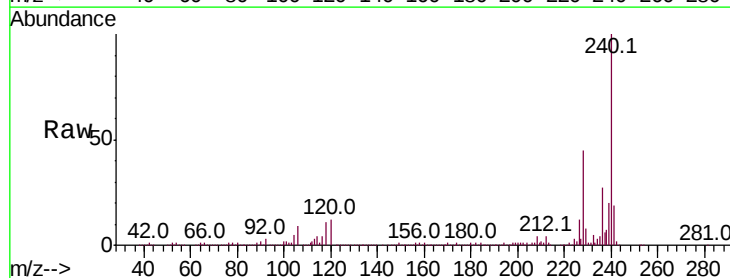
Tgt Ion:240 Resp: 398694

Ion Ratio Lower Upper

240 100

120 12.4 8.5 12.7

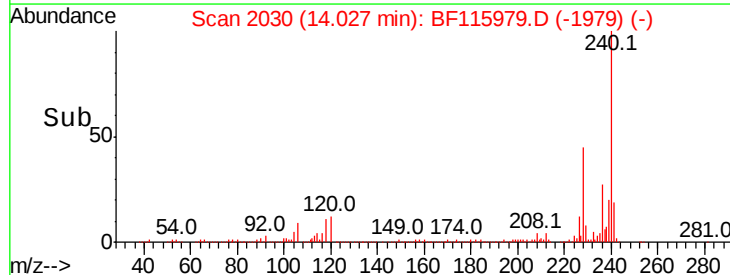
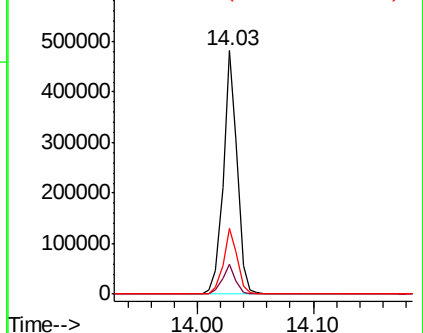
236 27.1 22.2 33.2

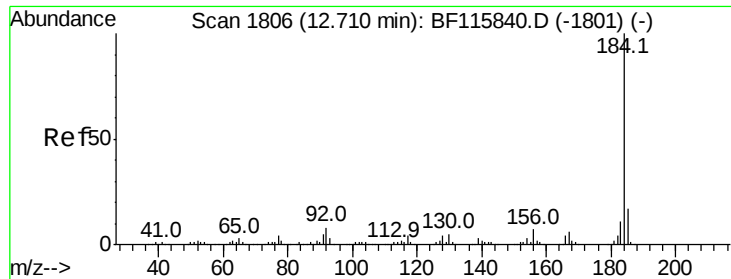


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

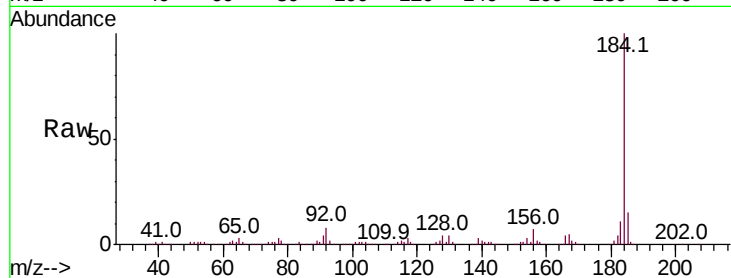




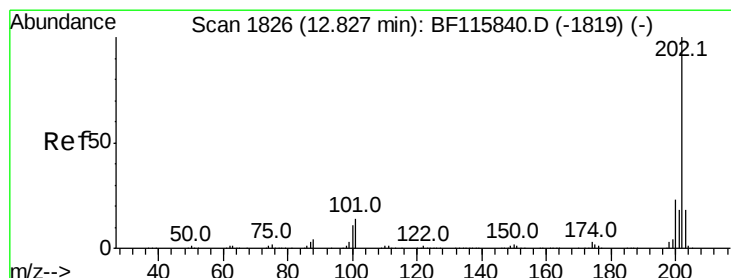
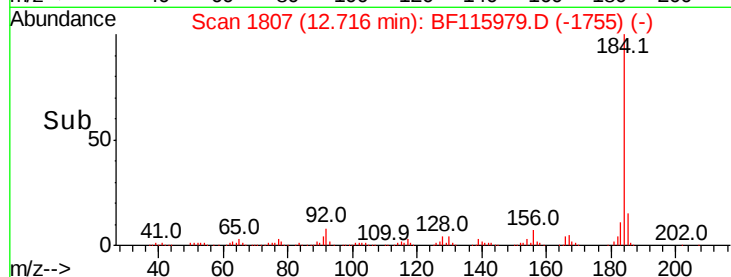
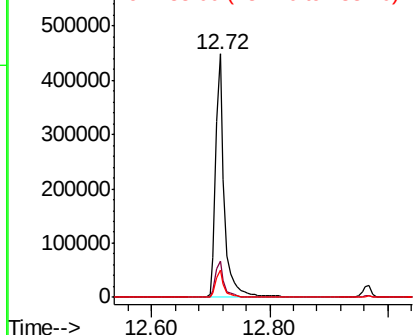
#77
Benzidine
Concen: 34.649 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 466713
Ion Ratio Lower Upper
184 100
185 15.0 13.4 20.2
183 11.4 9.1 13.7

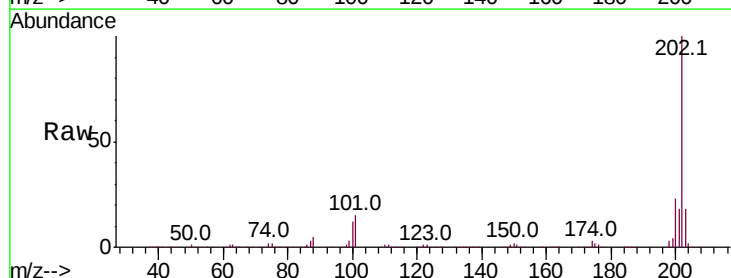


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

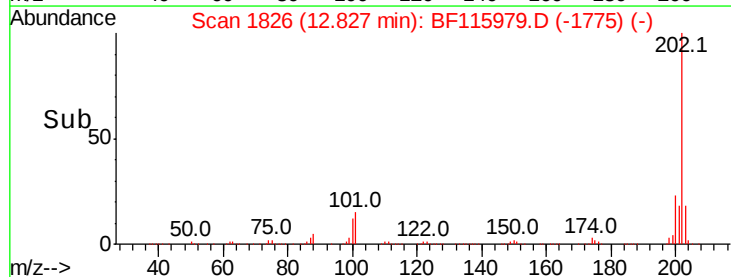
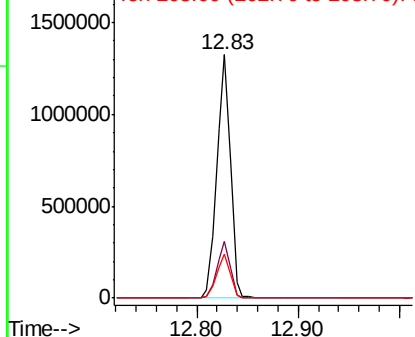


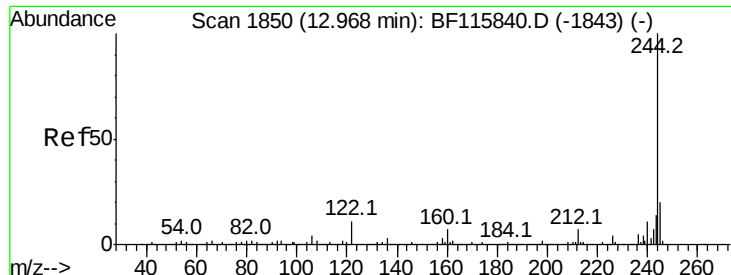
#78
Pyrene
Concen: 41.076 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:202 Resp: 1234489
Ion Ratio Lower Upper
202 100
200 23.1 18.2 27.2
203 18.0 14.3 21.5



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





#79

Terphenyl-d14

Concen: 80.540 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

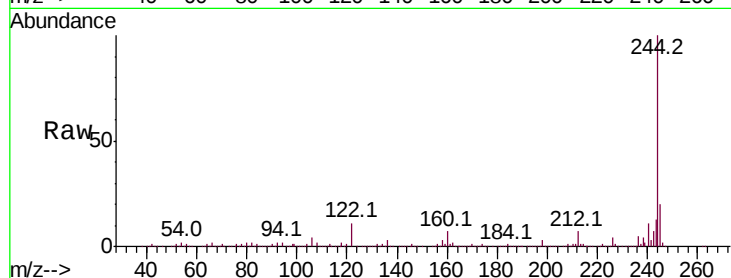
Tot Ion:244 Resp: 1523894

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

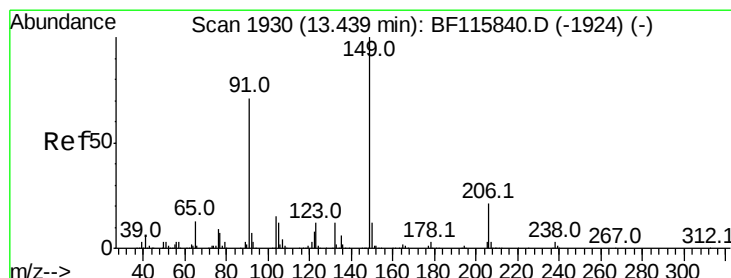
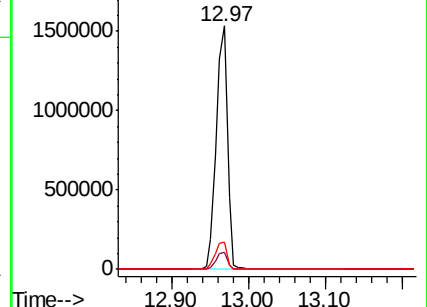
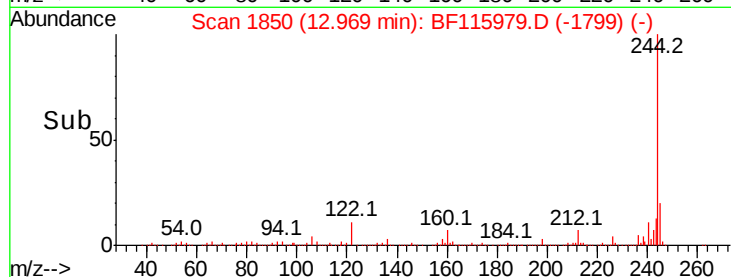
122 11.1 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.830 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

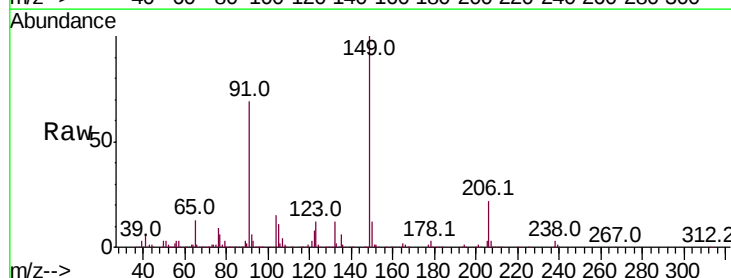
Tgt Ion:149 Resp: 544496

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.6

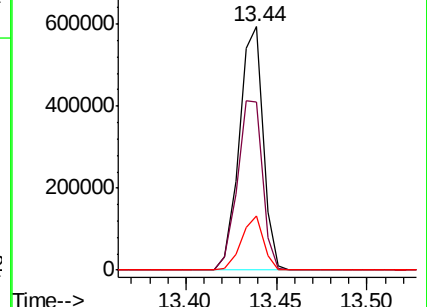
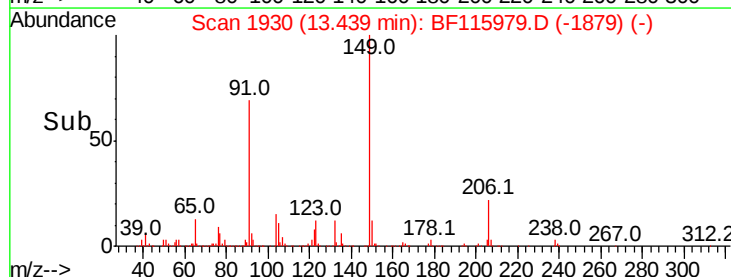
206 22.1 16.9 25.3

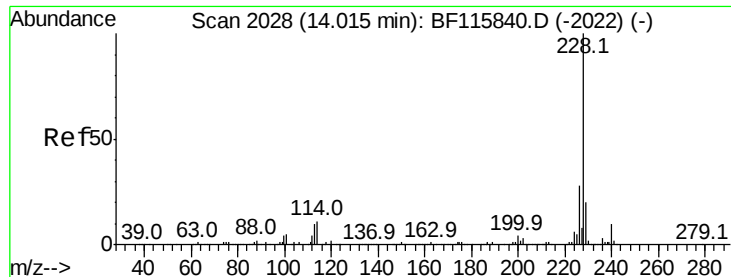


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

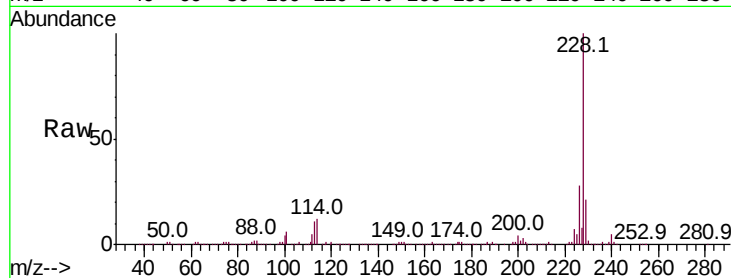




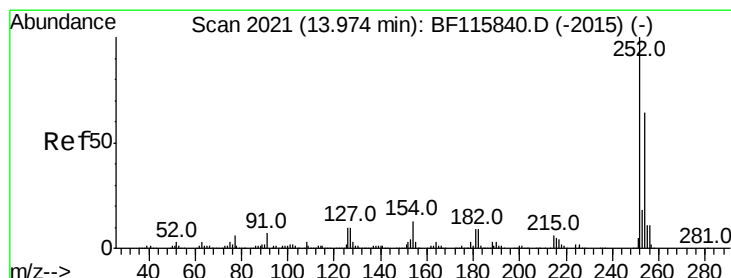
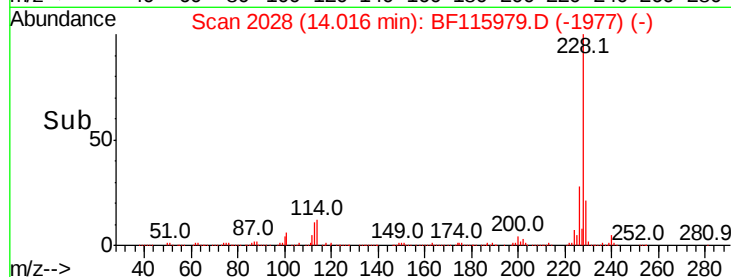
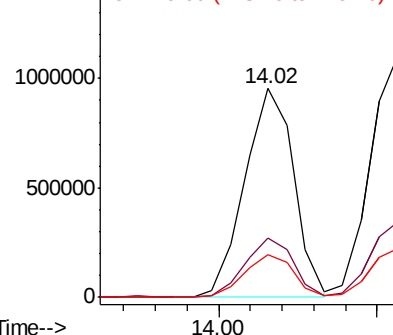
#81
Benzo(a)anthracene
Concen: 40.248 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 1025633
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.6 16.1 24.1

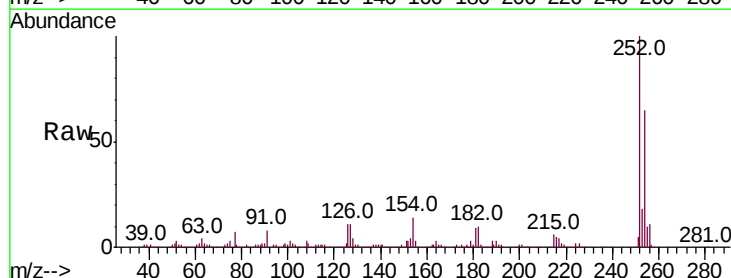


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

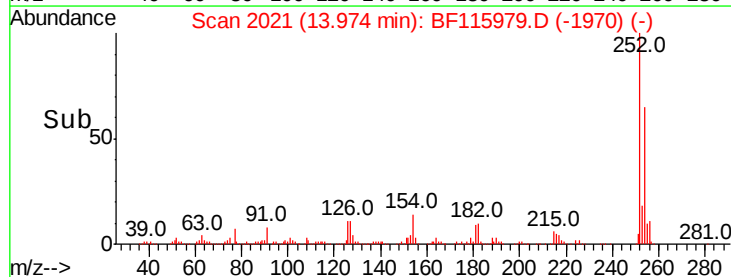
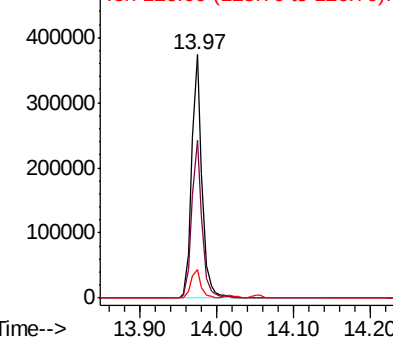


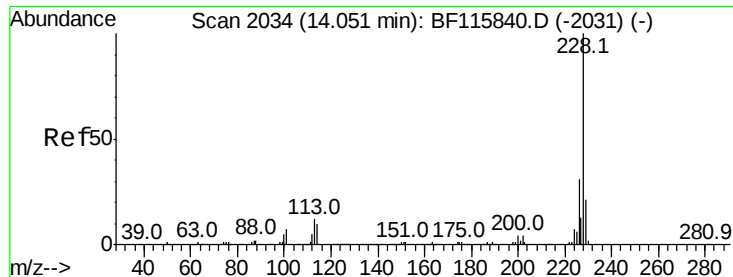
#82
3,3'-Dichlorobenzidine
Concen: 39.336 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:252 Resp: 348252
Ion Ratio Lower Upper
252 100
254 65.0 51.2 76.8
126 11.5 8.1 12.1



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

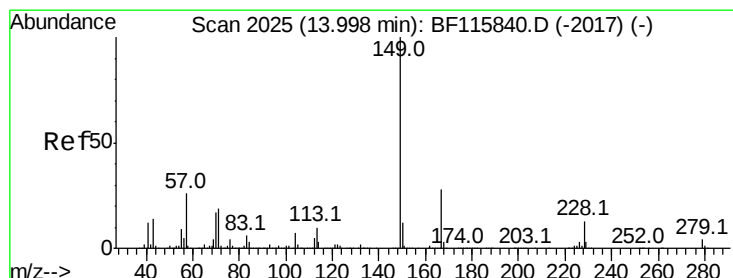
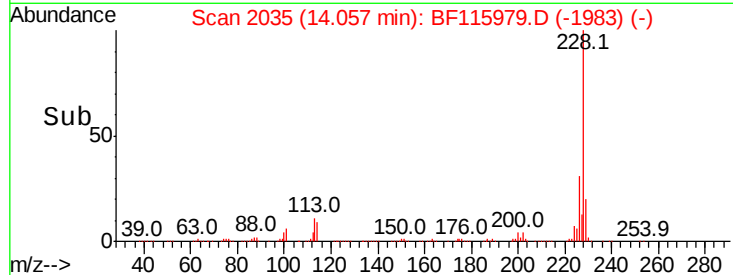
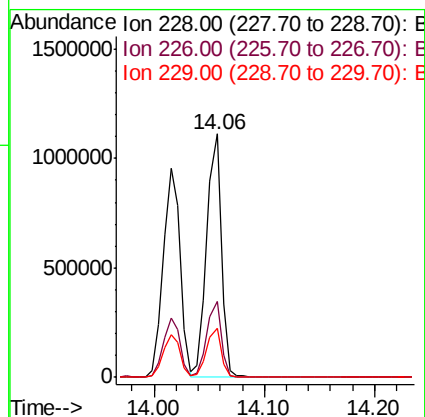
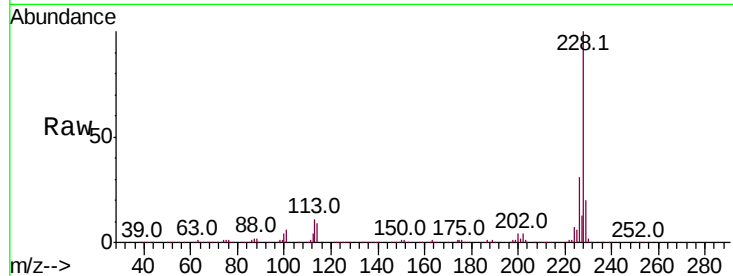




#83
 Chrysene
 Concen: 40.177 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

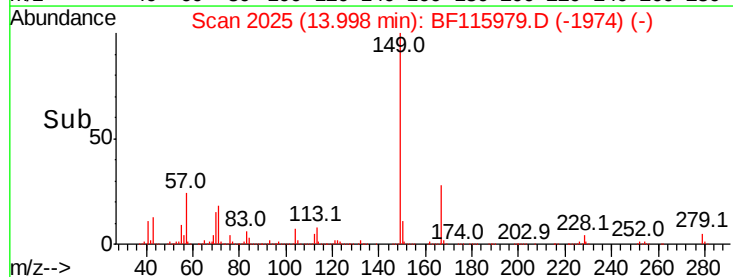
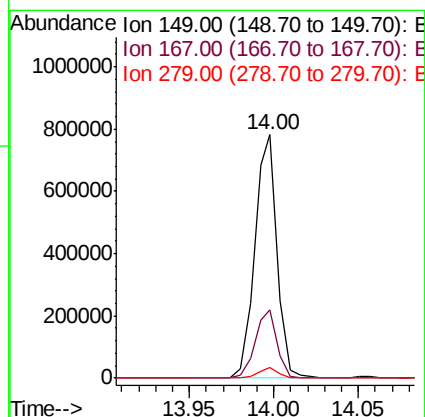
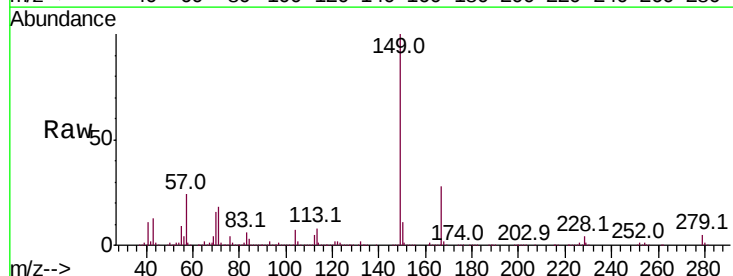
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

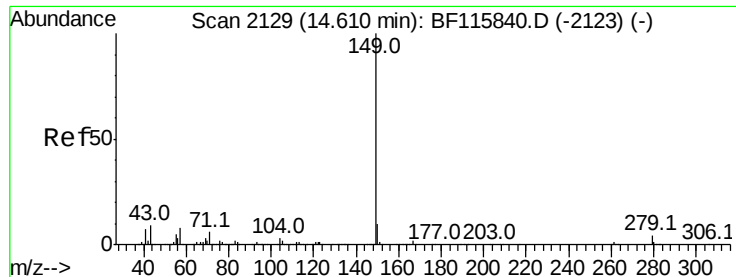
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.9	16.4	24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.353 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115979.D
 Acq: 3 Aug 2019 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 42.229 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

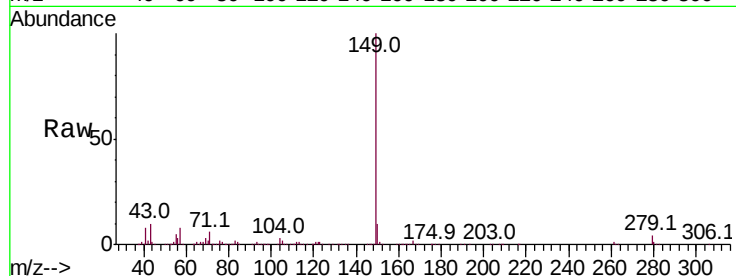
Tot Ion:149 Resp: 1108100

Ion Ratio Lower Upper

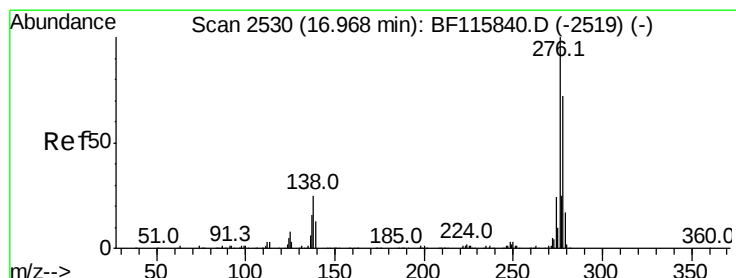
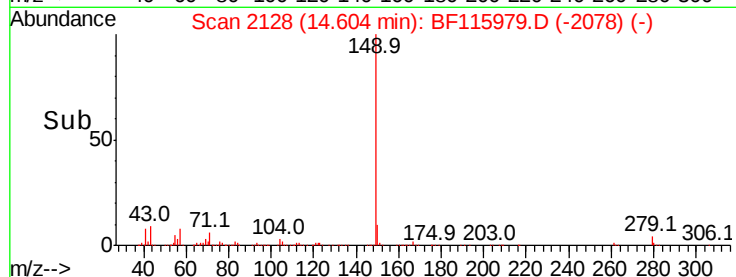
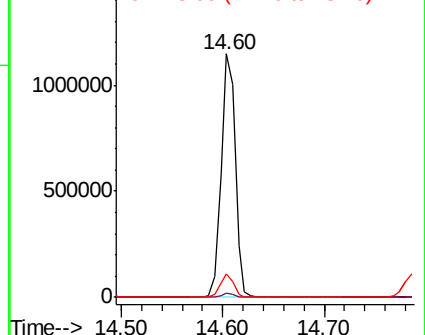
149 100

167 1.6 1.2 1.8

43 9.1 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.272 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115979.D

Acq: 3 Aug 2019 17:39

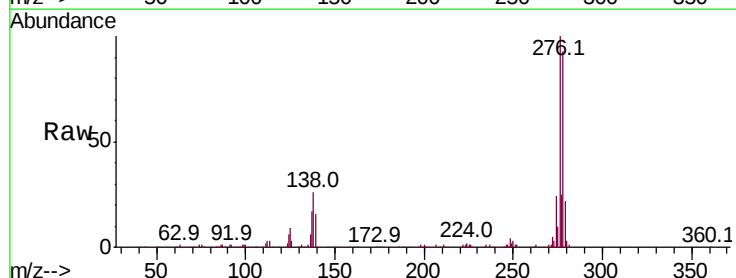
Tgt Ion:276 Resp: 774487

Ion Ratio Lower Upper

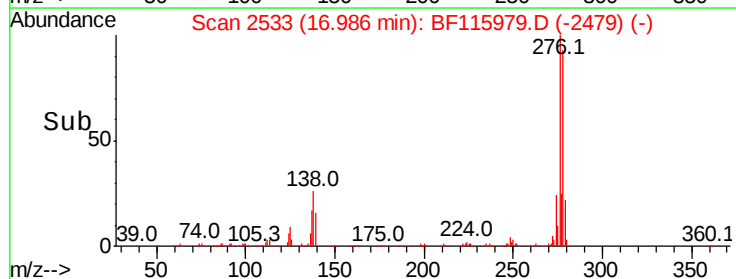
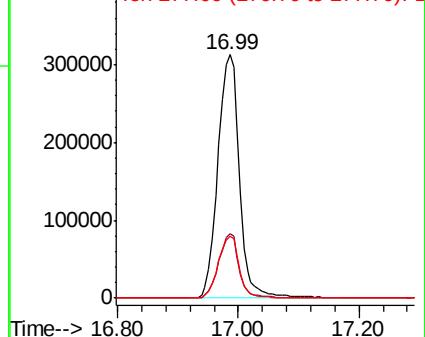
276 100

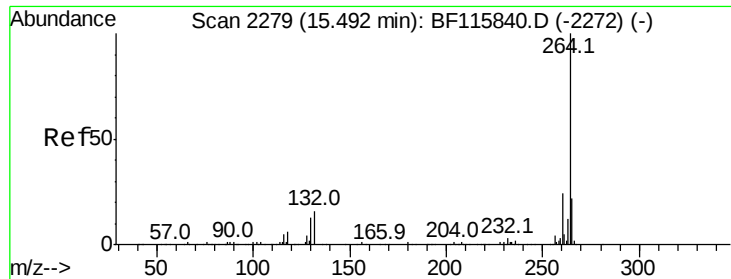
138 25.0 19.6 29.4

277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



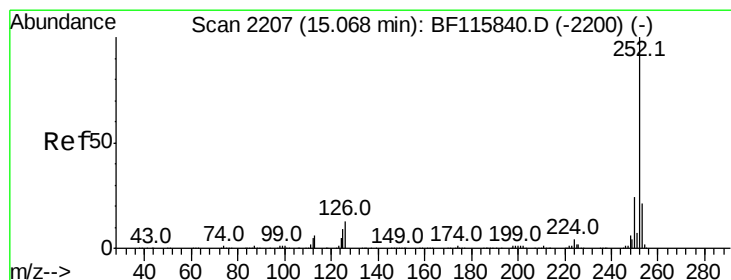
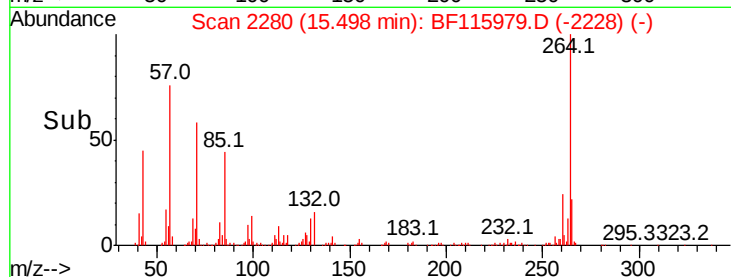
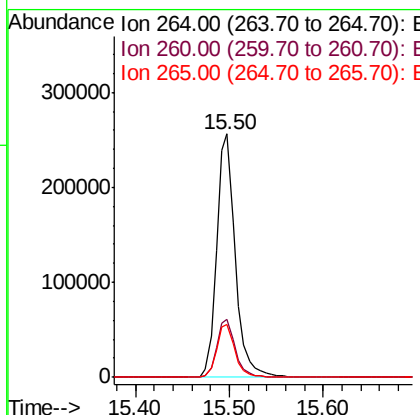
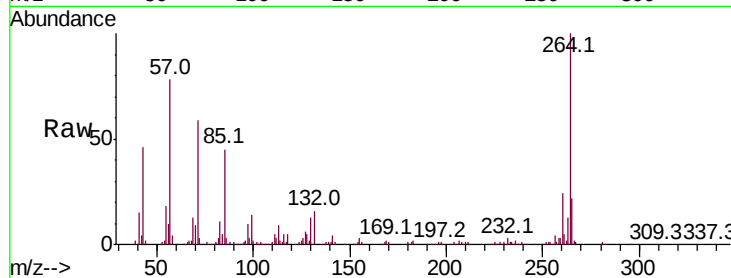


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 355346

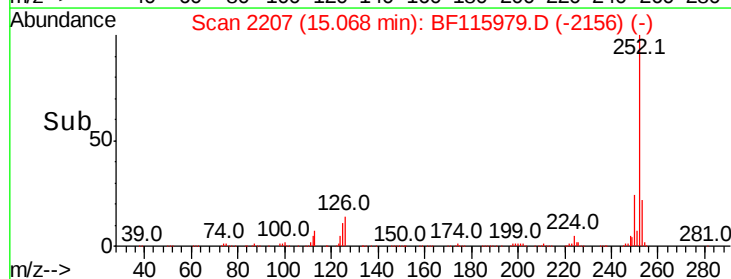
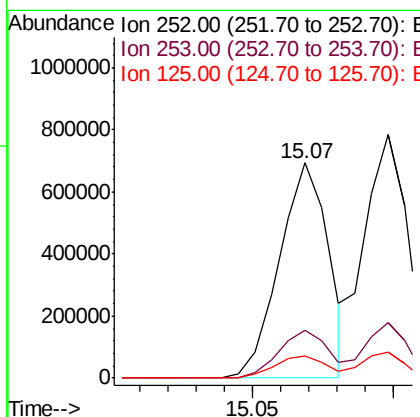
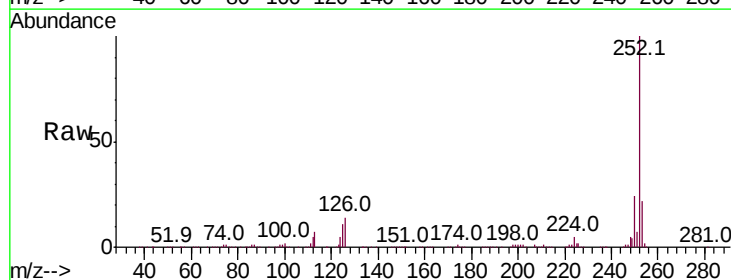
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.5	26.3

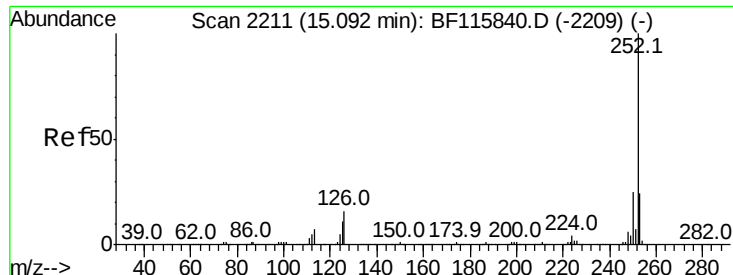


#88
Benzo(b)fluoranthene
Concen: 40.672 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:252 Resp: 835664

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.6	7.4	11.0

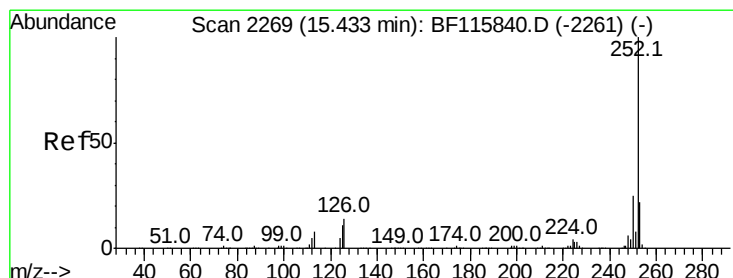
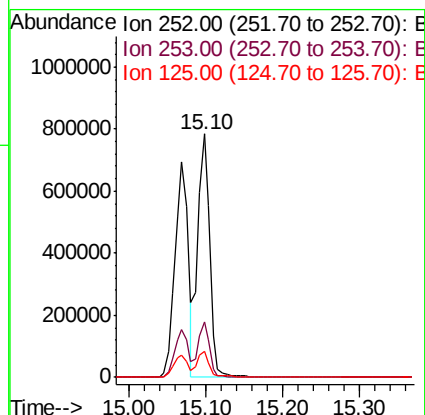
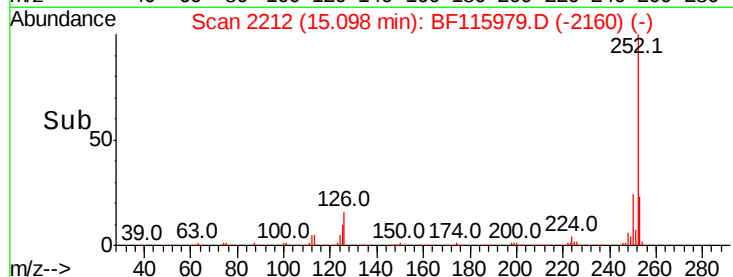
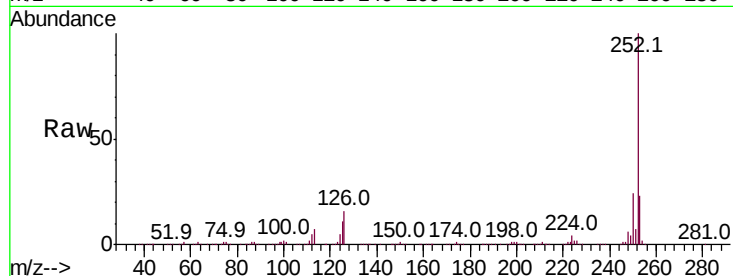




#89
Benzo(k)fluoranthene
Concen: 42.798 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

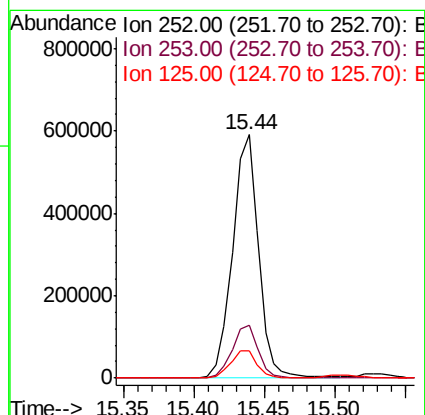
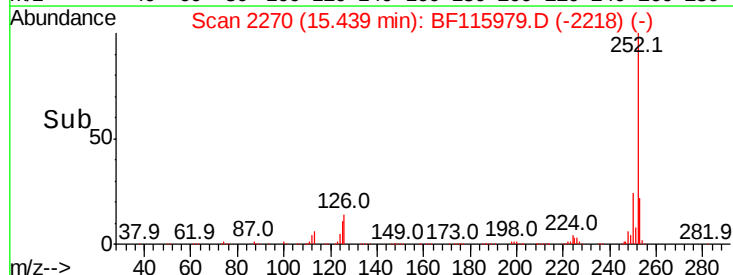
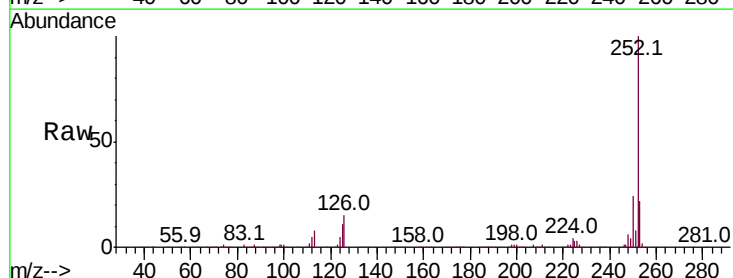
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

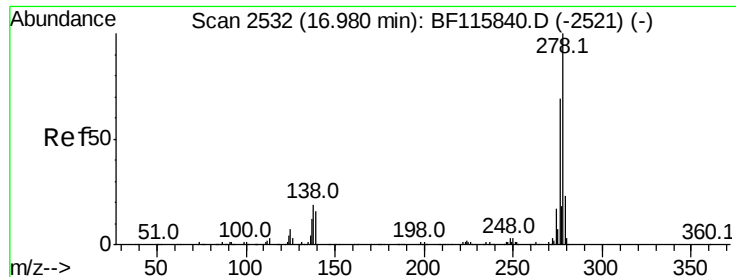
Tot Ion:252 Resp: 856503
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 41.281 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:252 Resp: 758209
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.3 8.8 13.2

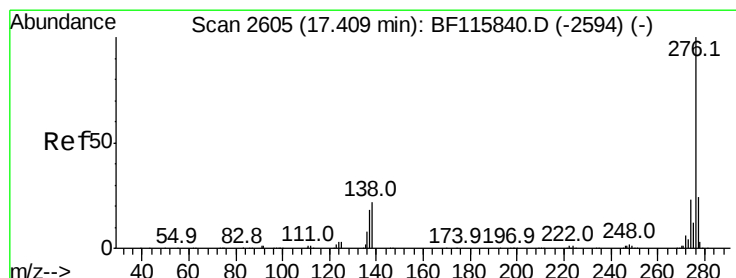
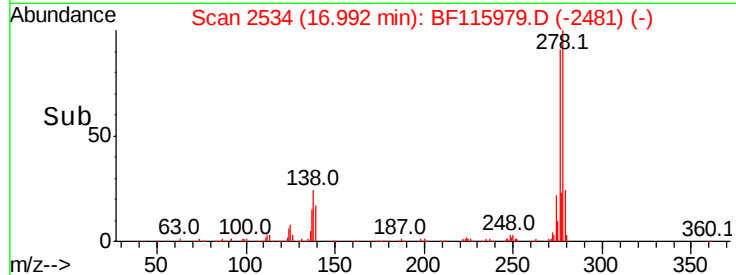
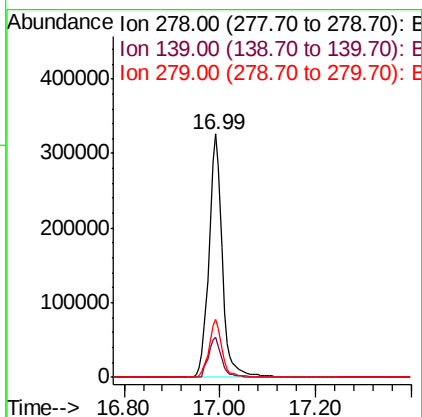
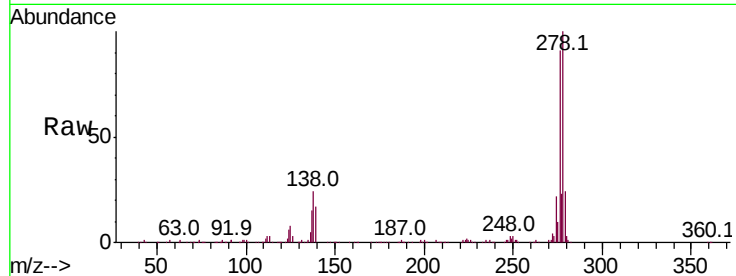




#91
Dibenzo(a,h)anthracene
Concen: 39.943 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 635040
Ion Ratio Lower Upper
278 100
139 16.5 12.6 19.0
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.007 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF115979.D
Acq: 3 Aug 2019 17:39

Tgt Ion:276 Resp: 624661
Ion Ratio Lower Upper
276 100
277 22.5 19.5 29.3
138 21.5 17.8 26.8

