

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115948.D
 Acq On : 2 Aug 2019 15:58
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 23:37:08 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	160167	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	677891	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	339285	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	657565	20.00	ng	0.00
76) Chrysene-d12	14.03	240	446069	20.00	ng	0.00
87) Perylene-d12	15.50	264	404901	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	779481	81.47	ng	0.00
7) Phenol-d6	6.49	99	992044	82.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	912702	77.72	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	285445	86.78	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1487330	82.11	ng	0.00
79) Terphenyl-d14	12.97	244	1758547	83.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	191482	39.616	ng	100
3) Pyridine	3.36	79	509704	37.751	ng	99
4) n-Nitrosodimethylamine	3.32	42	213291	40.030	ng	99
6) Aniline	6.52	93	683946	39.563	ng	100
8) 2-Chlorophenol	6.65	128	450869	42.616	ng	98
9) Benzaldehyde	6.40	77	310775	37.313	ng	96
10) Phenol	6.50	94	579359	40.757	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	438103	41.920	ng	97
12) 1,3-Dichlorobenzene	6.80	146	491754	40.219	ng	99
13) 1,4-Dichlorobenzene	6.87	146	497284	40.619	ng	98
14) 1,2-Dichlorobenzene	7.03	146	458813	40.701	ng	98
15) Benzyl Alcohol	7.00	79	385866	42.122	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	593099	41.606	ng	95
17) 2-Methylphenol	7.11	107	372745	41.608	ng	99
18) Hexachloroethane	7.37	117	184054	40.834	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	305925	40.898	ng	96
20) 3+4-Methylphenols	7.26	107	432724	40.818	ng	# 89
22) Acetophenone	7.27	105	573358	38.566	ng	# 97
24) Nitrobenzene	7.44	77	498294	39.296	ng	97
25) Isophorone	7.68	82	897071	39.948	ng	98
26) 2-Nitrophenol	7.75	139	247943	41.480	ng	97
27) 2,4-Dimethylphenol	7.79	122	349727	38.889	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	561353	40.331	ng	99
29) 2,4-Dichlorophenol	8.00	162	378753	39.888	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	430551	39.778	ng	99
31) Naphthalene	8.16	128	1253085	39.282	ng	99
32) Benzoic acid	7.94	122	199995	31.544	ng	99
33) 4-Chloroaniline	8.20	127	565465	39.673	ng	98
34) Hexachlorobutadiene	8.27	225	246091	39.473	ng	99
35) Caprolactam	8.60	113	121774	39.652	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	398964	40.389	ng	98
37) 2-Methylnaphthalene	8.85	142	832380	39.620	ng	99
38) 1-Methylnaphthalene	8.95	142	796183	40.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	386130	42.570	ng	99

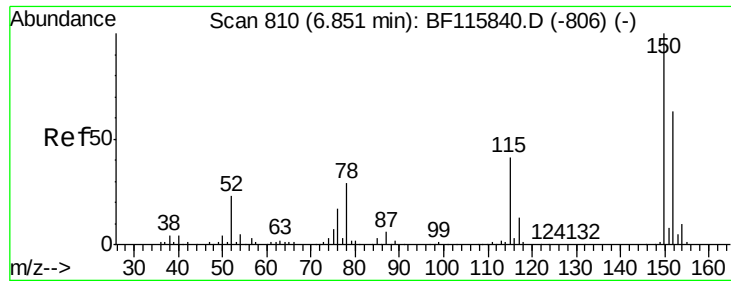
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	130317	35.556	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	255098	40.859	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	269134	41.702	ng	99
46) 1,1'-Biphenyl	9.32	154	1003738	41.904	ng	100
47) 2-Chloronaphthalene	9.35	162	825579	41.411	ng	98
48) 2-Nitroaniline	9.44	65	278609	42.279	ng	89
49) Acenaphthylene	9.76	152	1245852	42.835	ng	100
50) Dimethylphthalate	9.62	163	991318	42.911	ng	100
51) 2,6-Dinitrotoluene	9.69	165	218359	43.495	ng	97
52) Acenaphthene	9.93	154	733867	41.128	ng	99
53) 3-Nitroaniline	9.86	138	258831	41.725	ng	96
54) 2,4-Dinitrophenol	9.97	184	84115	37.538	ng	91
55) Dibenzofuran	10.10	168	1084317	41.787	ng	96
56) 4-Nitrophenol	10.02	139	156955	39.497	ng	100
57) 2,4-Dinitrotoluene	10.09	165	286251	42.825	ng	97
58) Fluorene	10.45	166	847212	42.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	225771	41.581	ng	99
60) Diethylphthalate	10.32	149	931951	43.210	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	434722	42.995	ng	98
62) 4-Nitroaniline	10.47	138	267886	41.787	ng	96
63) Azobenzene	10.60	77	954578	43.030	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	137334	39.411	ng	96
66) n-Nitrosodiphenylamine	10.56	169	761207	38.460	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	277073	39.361	ng	92
68) Hexachlorobenzene	11.00	284	315177	38.721	ng	93
69) Atrazine	11.08	200	217412	33.390	ng	98
70) Pentachlorophenol	11.19	266	143378	36.281	ng	97
71) Phenanthrene	11.41	178	1295697	38.544	ng	100
72) Anthracene	11.46	178	1313040	38.595	ng	98
73) Carbazole	11.62	167	1213323	39.310	ng	99
74) Di-n-butylphthalate	11.94	149	1505926	41.824	ng	100
75) Fluoranthene	12.60	202	1368215	38.878	ng	98
77) Benzidine	12.72	184	602862	40.004	ng	98
78) Pyrene	12.83	202	1402678	41.715	ng	100
80) Butylbenzylphthalate	13.44	149	638222	44.870	ng	99
81) Benzo(a)anthracene	14.02	228	1146742	40.221	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	398173	40.198	ng	# 99
83) Chrysene	14.06	228	1113905	40.242	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	876267	47.408	ng	100
85) Di-n-octyl phthalate	14.61	149	1318067	44.896	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	967310	41.608	ng	99
88) Benzo(b)fluoranthene	15.07	252	932453	39.828	ng	98
89) Benzo(k)fluoranthene	15.10	252	912539	40.018	ng	99
90) Benzo(a)pyrene	15.43	252	842127	40.238	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	789756	43.595	ng	97
92) Benzo(g,h,i)perylene	17.43	276	788649	44.328	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

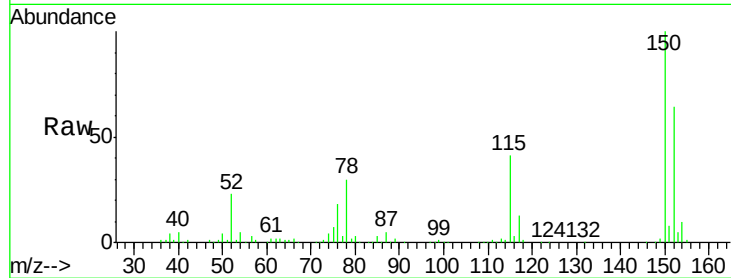
Tot Ion:152 Resp: 160167

Ion Ratio Lower Upper

152 100

150 156.5 127.4 191.0

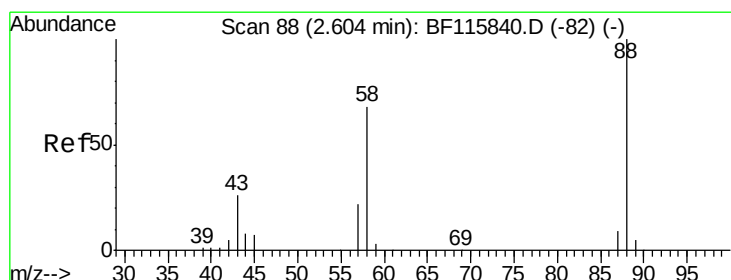
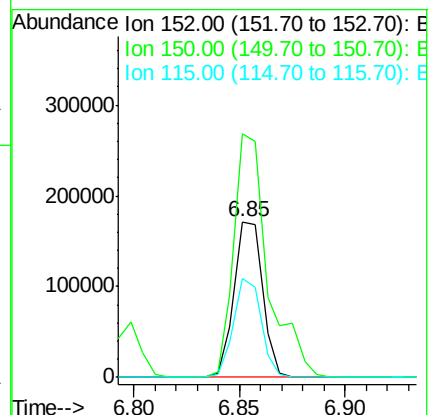
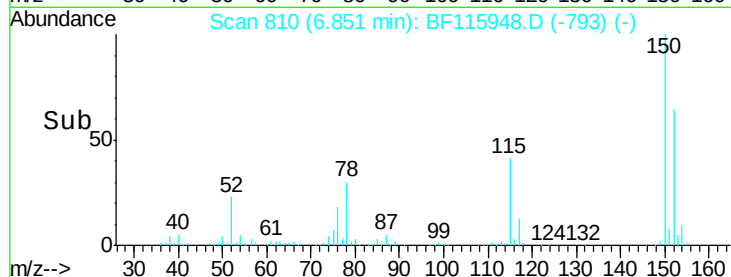
115 63.6 51.8 77.8



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



#2

1,4-Dioxane

Concen: 39.616 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

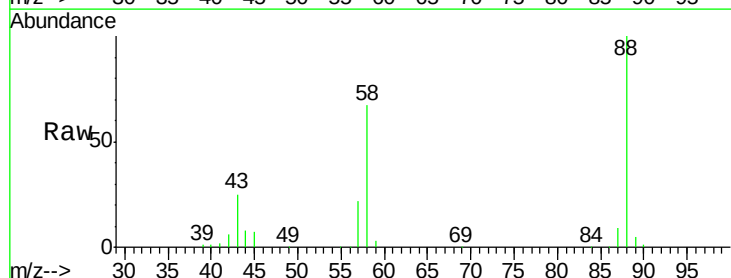
Tgt Ion: 88 Resp: 191482

Ion Ratio Lower Upper

88 100

58 67.3 54.1 81.1

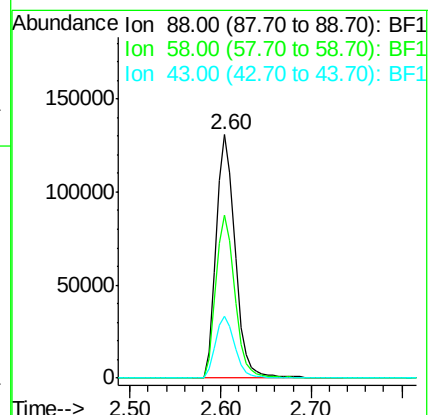
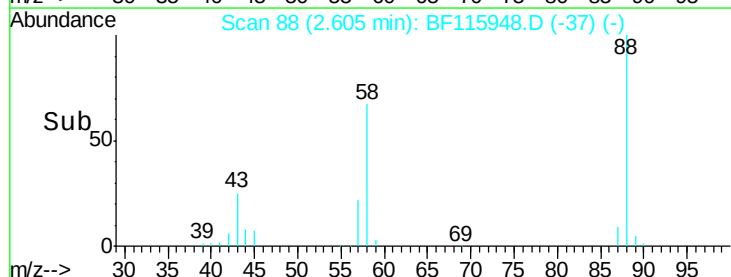
43 26.1 20.7 31.1

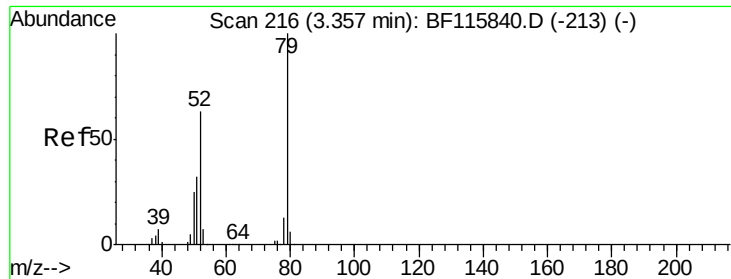


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.751 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

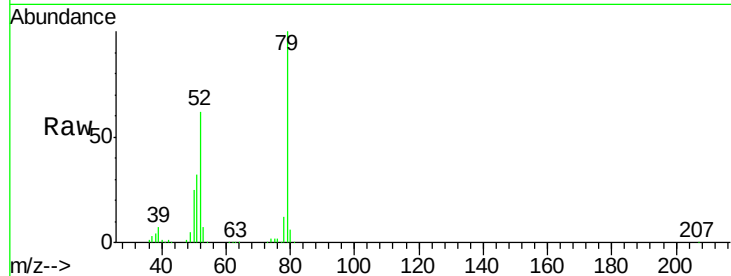
Tot Ion: 79 Resp: 509704

Ion Ratio Lower Upper

79 100

52 62.4 50.2 75.4

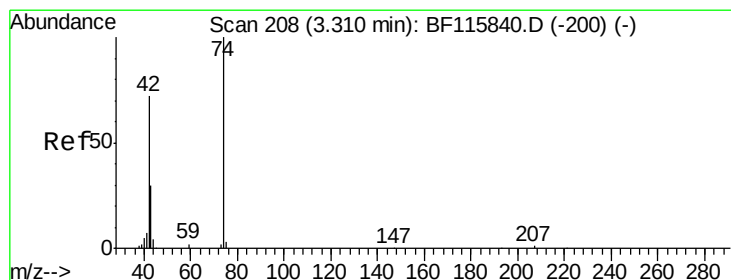
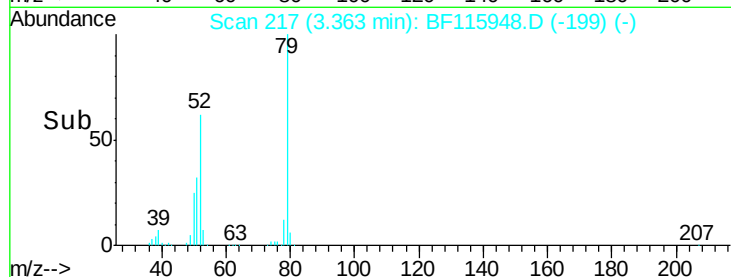
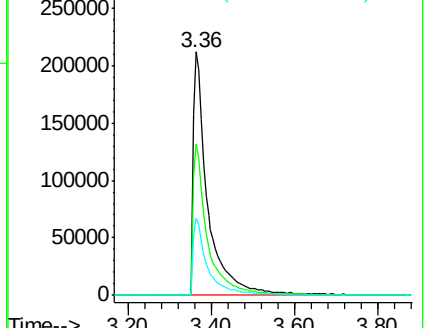
51 31.8 25.8 38.6



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: 40.030 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

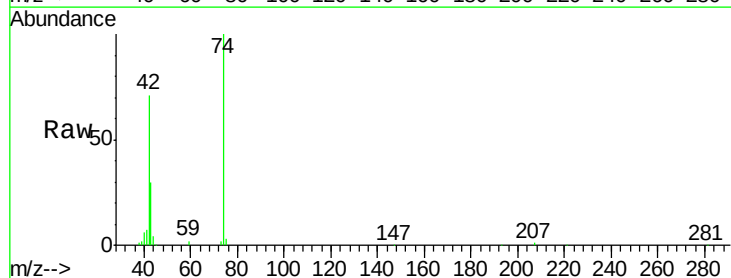
Tgt Ion: 42 Resp: 213291

Ion Ratio Lower Upper

42 100

74 140.6 111.0 166.4

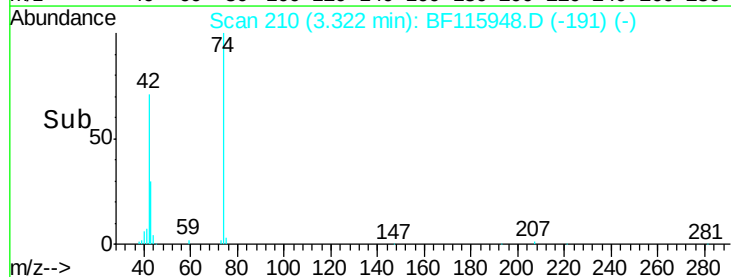
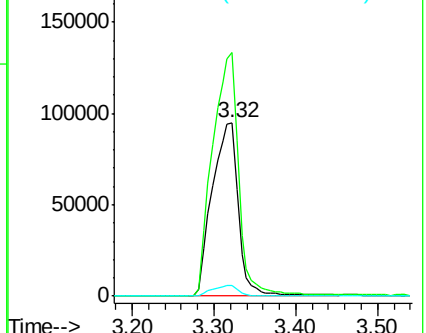
44 5.8 4.7 7.1

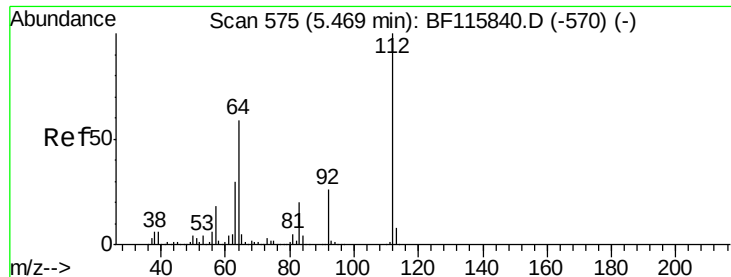


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.471 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

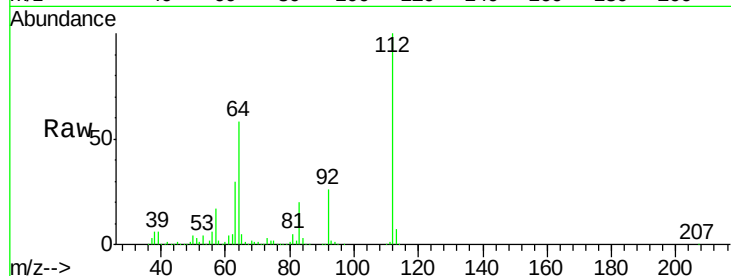
Tot Ion:112 Resp: 779481

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

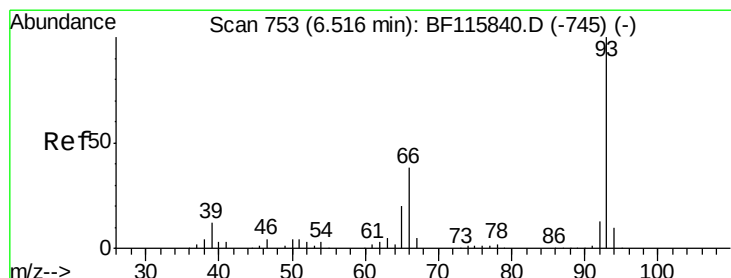
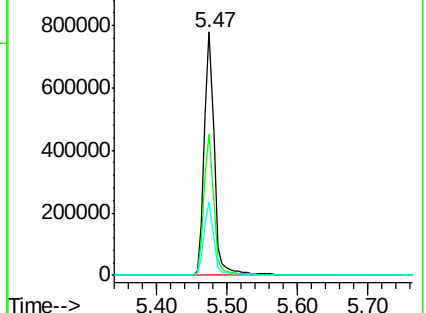
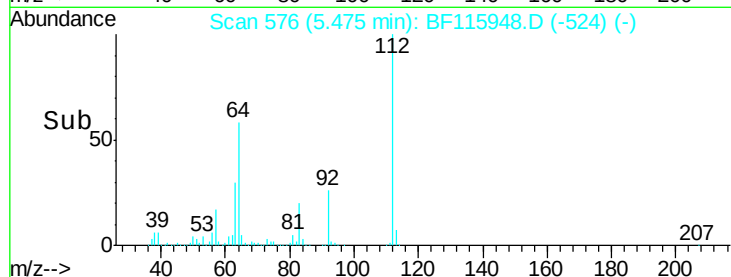
63 30.4 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.563 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

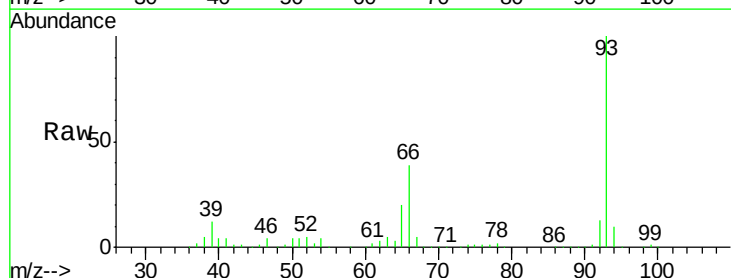
Tgt Ion: 93 Resp: 683946

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.0

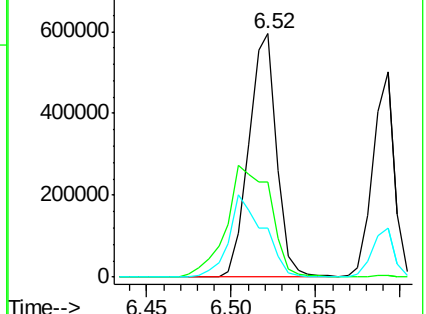
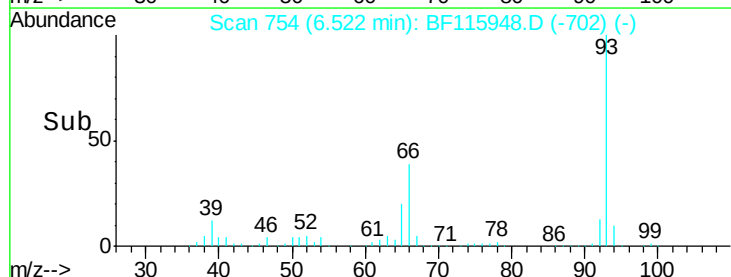
65 20.3 16.5 24.7

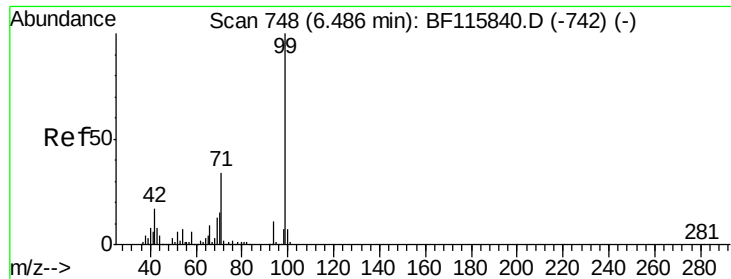


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.183 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

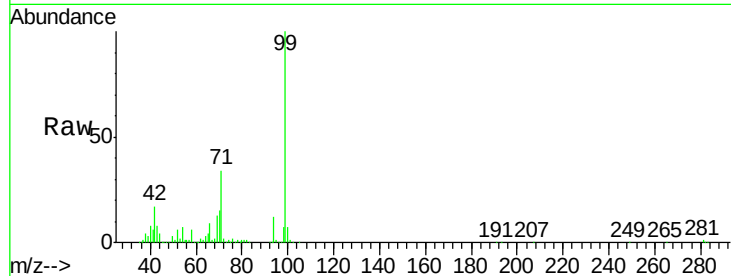
Tot Ion: 99 Resp: 992044

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

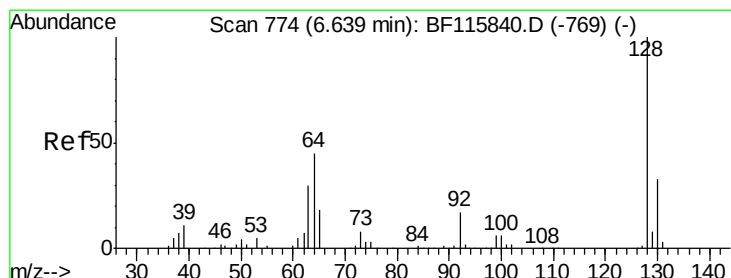
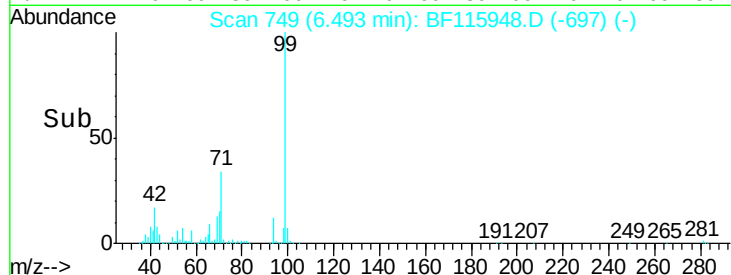
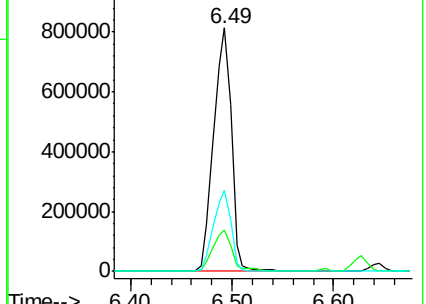
71 33.5 27.1 40.7



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: 42.616 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

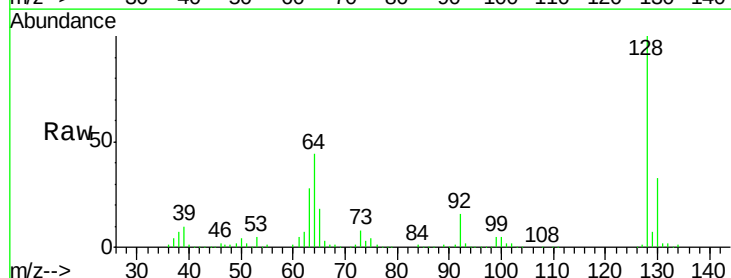
Tgt Ion: 128 Resp: 450869

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

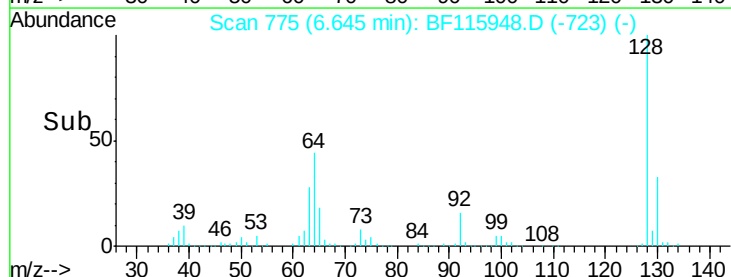
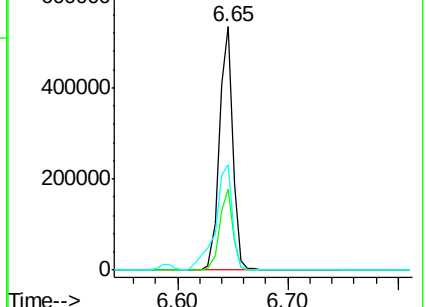
64 43.5 26.1 66.1

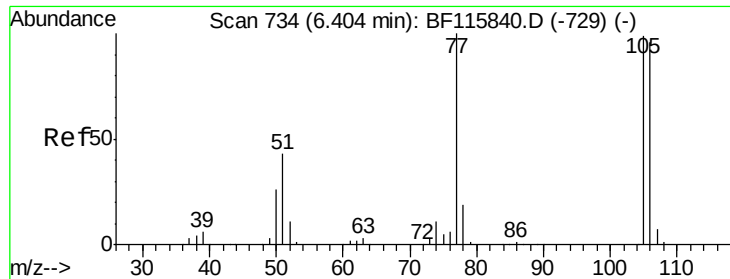


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.313 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

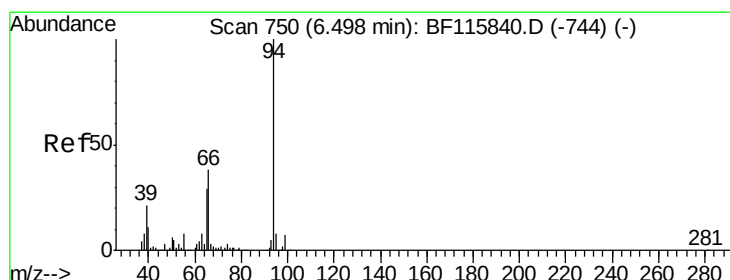
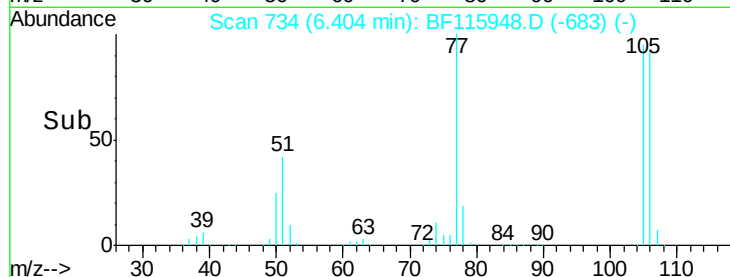
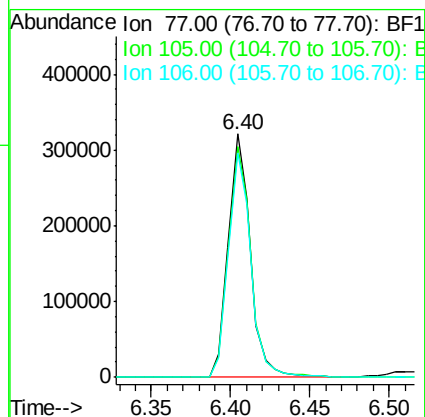
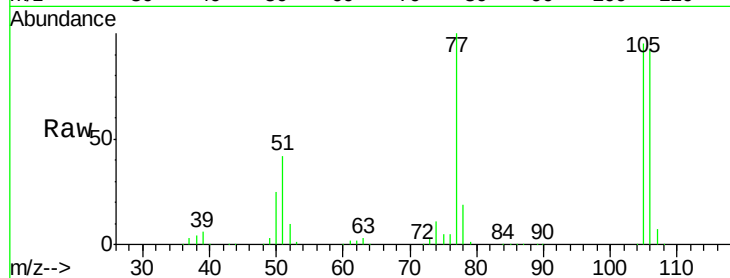
Tot Ion: 77 Resp: 310775

Ion Ratio Lower Upper

77 100

105 94.8 79.0 119.0

106 92.2 76.2 116.2



#10

Phenol

Concen: 40.757 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

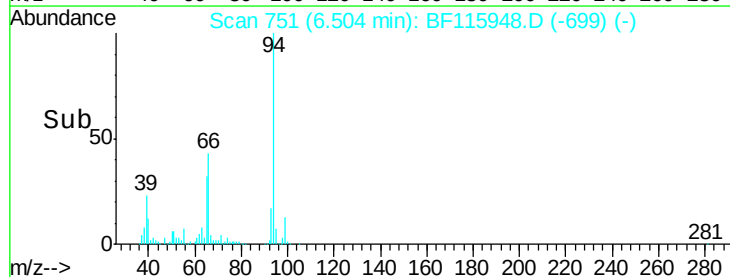
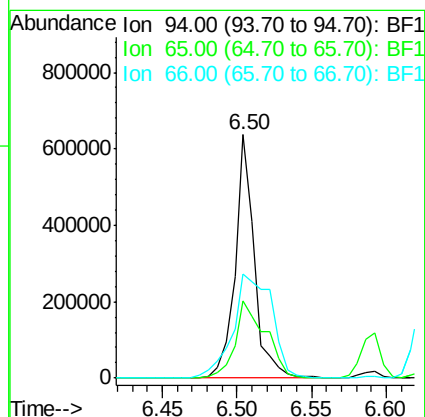
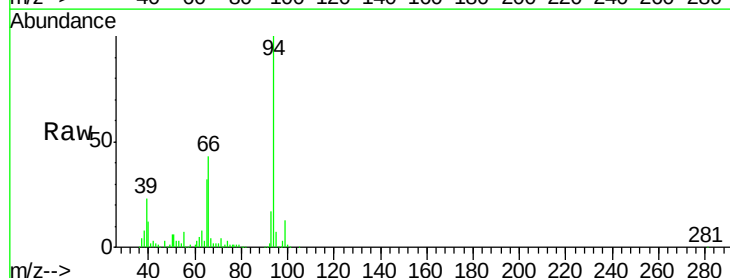
Tgt Ion: 94 Resp: 579359

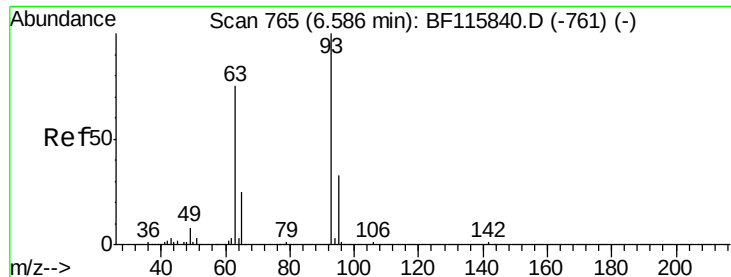
Ion Ratio Lower Upper

94 100

65 31.5 8.9 48.9

66 42.7 18.0 58.0





#11

bis(2-Chloroethyl)ether

Concen: 41.920 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

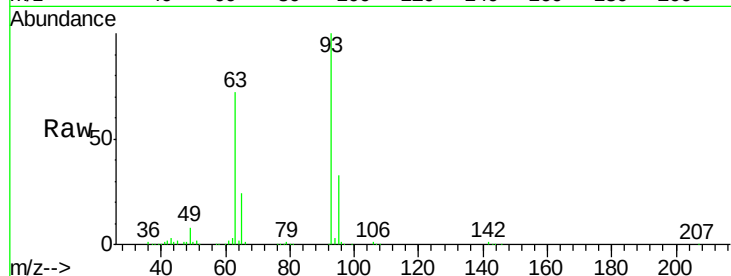
Tot Ion: 93 Resp: 438103

Ion Ratio Lower Upper

93 100

63 72.3 54.9 94.9

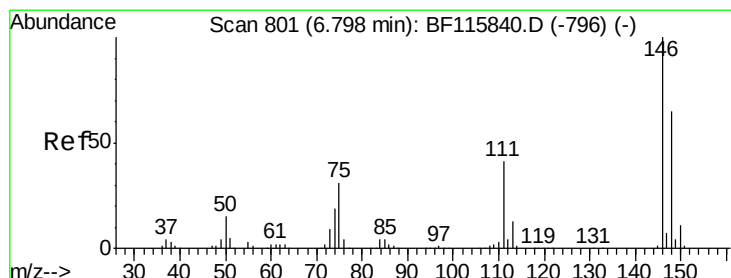
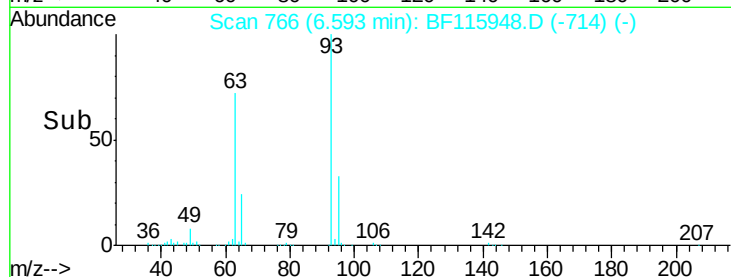
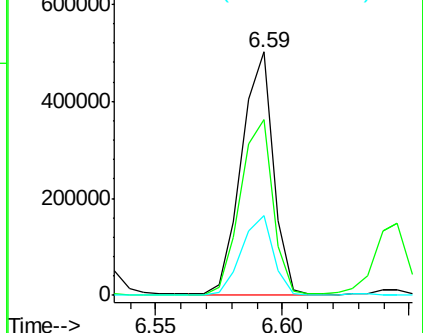
95 32.6 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.219 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

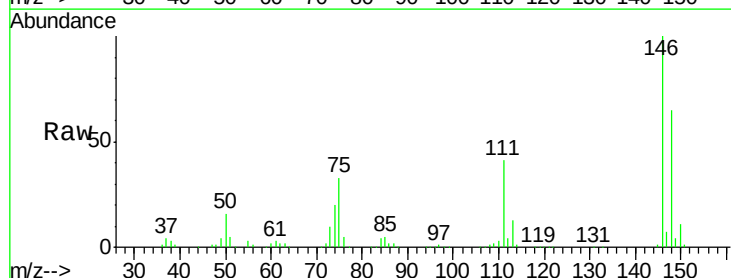
Tgt Ion: 146 Resp: 491754

Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

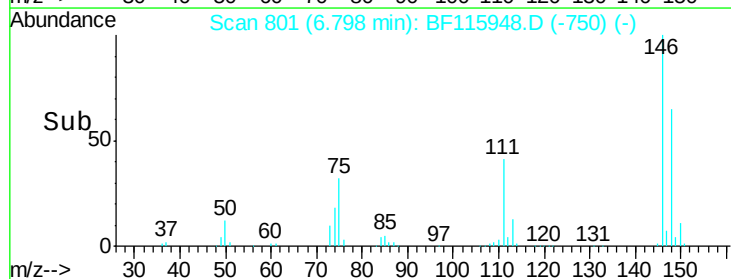
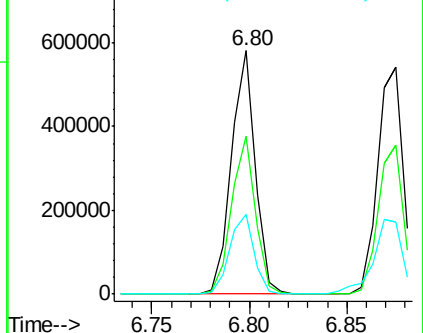
75 32.6 25.0 37.6

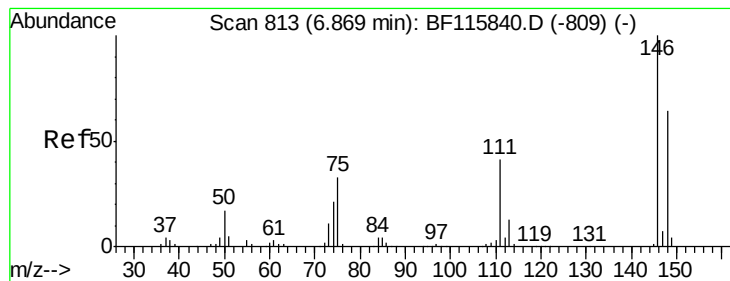


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.619 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

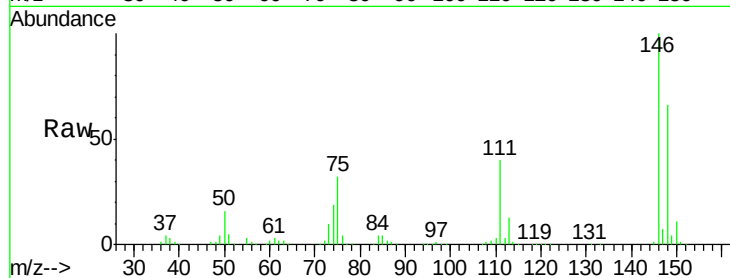
Tot Ion:146 Resp: 497284

Ion Ratio Lower Upper

146 100

148 65.6 51.2 76.8

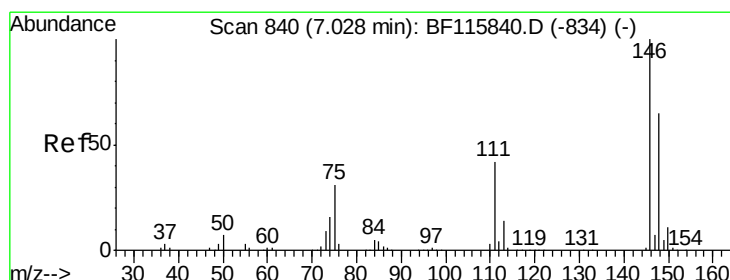
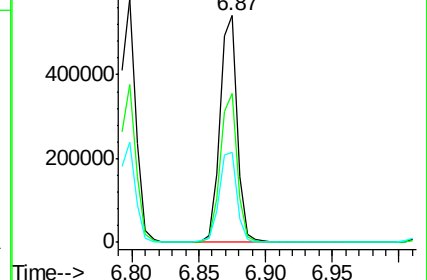
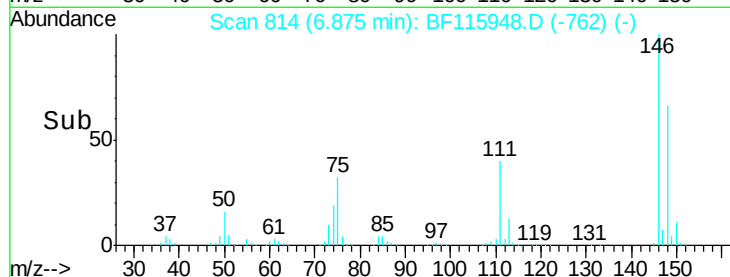
111 39.7 33.2 49.8



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: 40.701 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

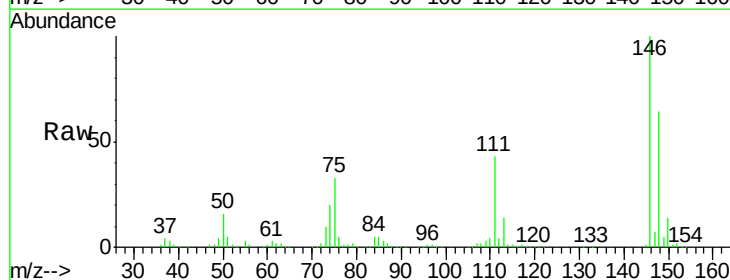
Tgt Ion:146 Resp: 458813

Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

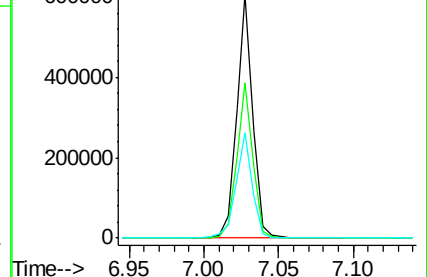
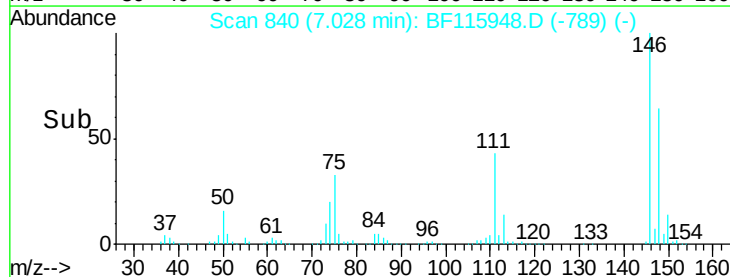
111 43.4 33.6 50.4

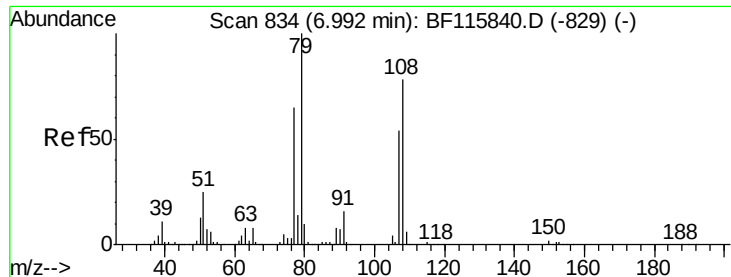


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.122 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

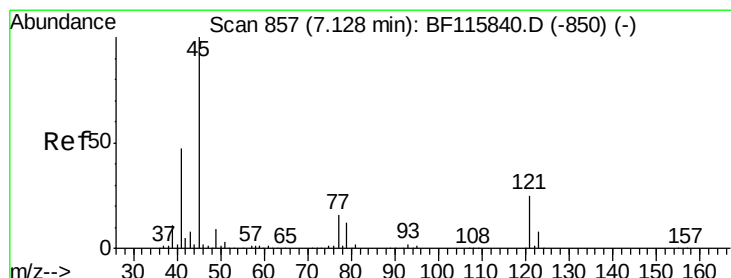
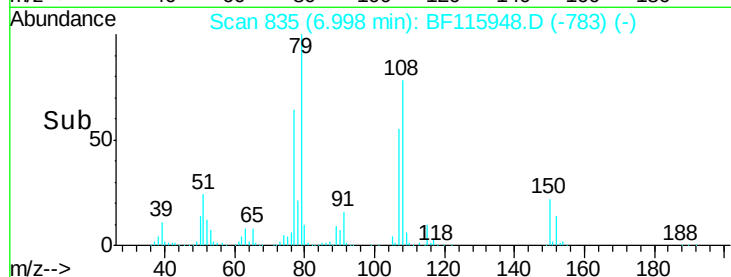
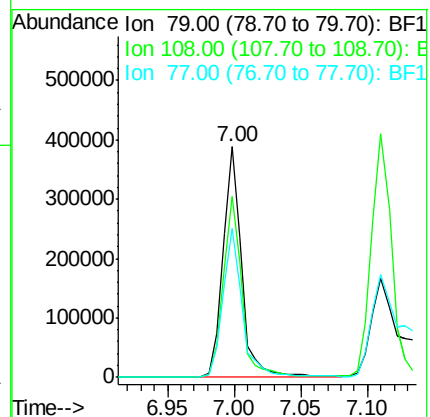
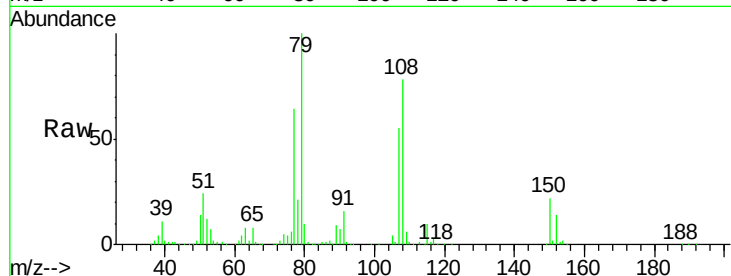
Tot Ion: 79 Resp: 385866

Ion Ratio Lower Upper

79 100

108 78.5 62.8 94.2

77 64.5 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.606 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

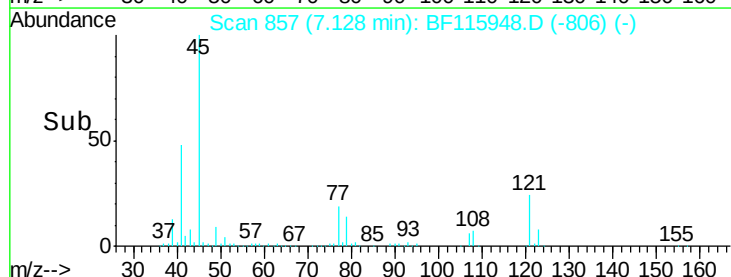
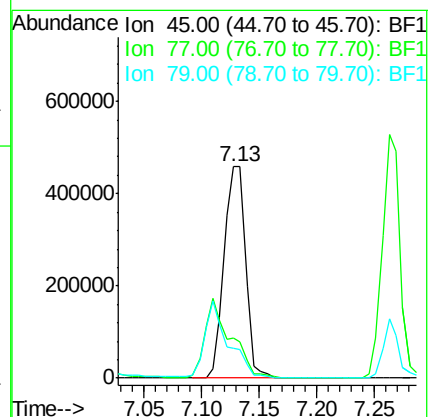
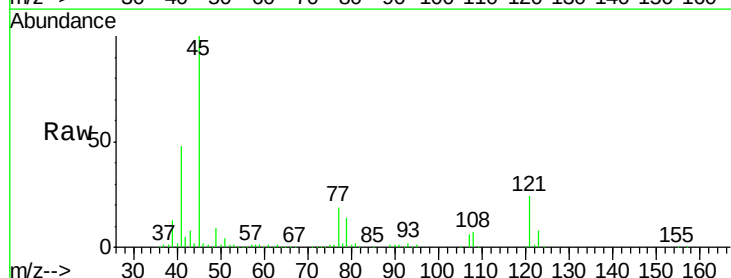
Tgt Ion: 45 Resp: 593099

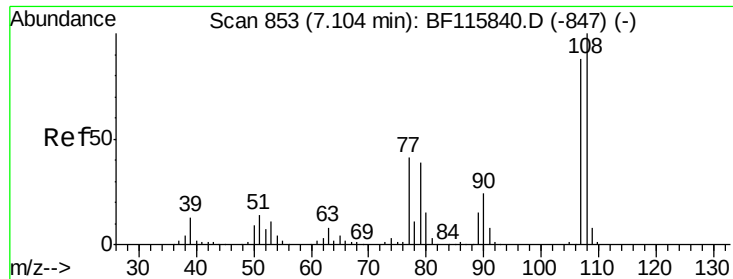
Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.3

79 14.4 0.0 32.5

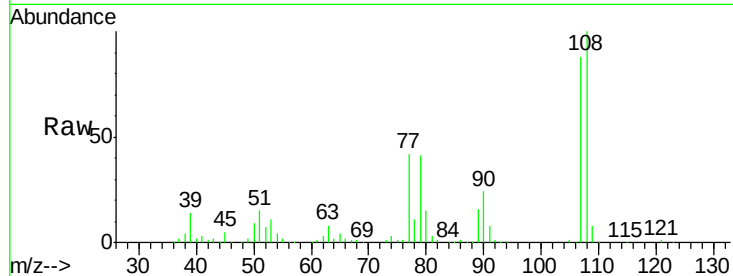




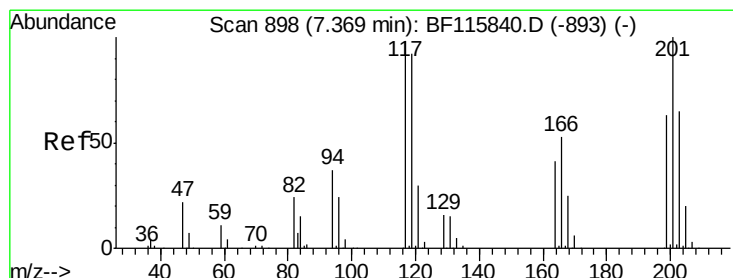
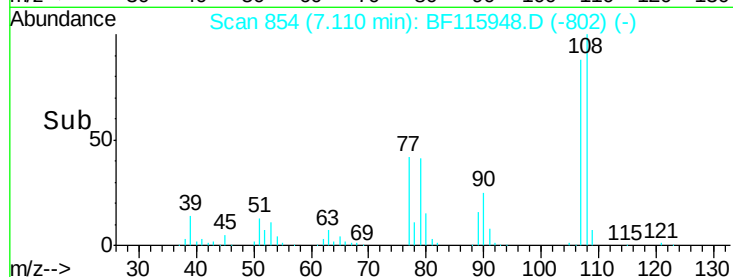
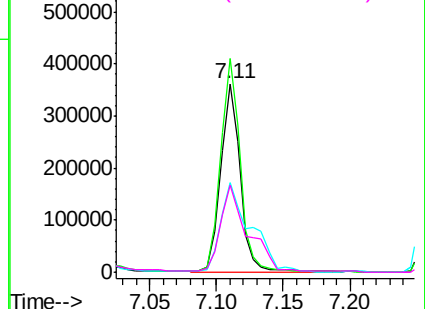
#17
2-Methylphenol
Concen: 41.608 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 372745
Ion Ratio Lower Upper
107 100
108 113.4 91.4 137.0
77 47.6 37.6 56.4
79 46.2 36.2 54.4

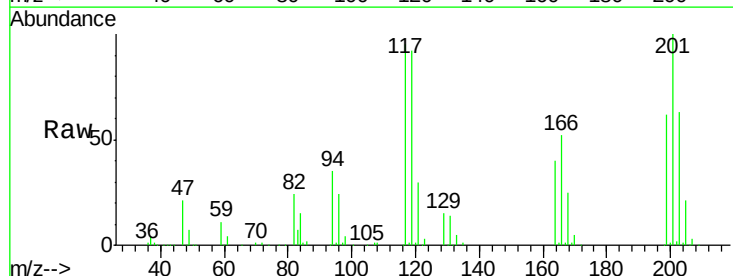


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

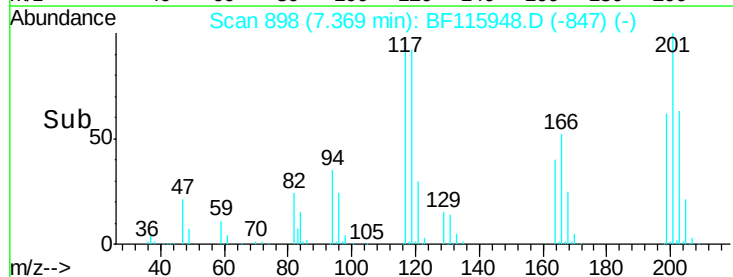
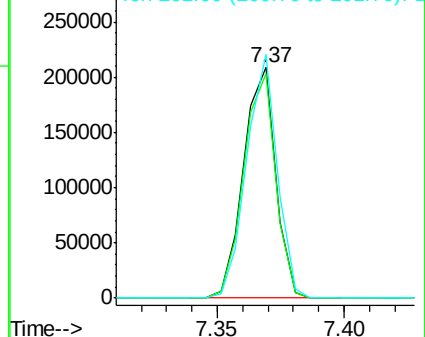


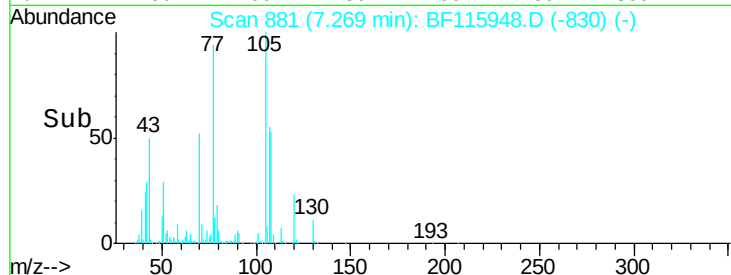
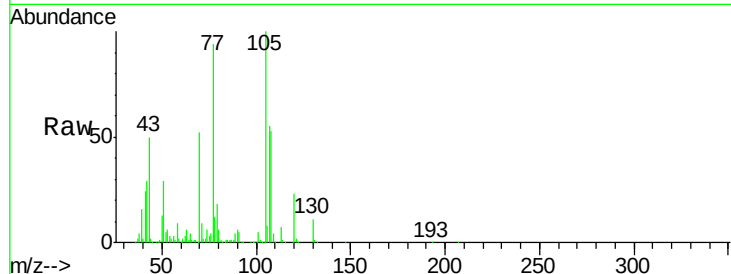
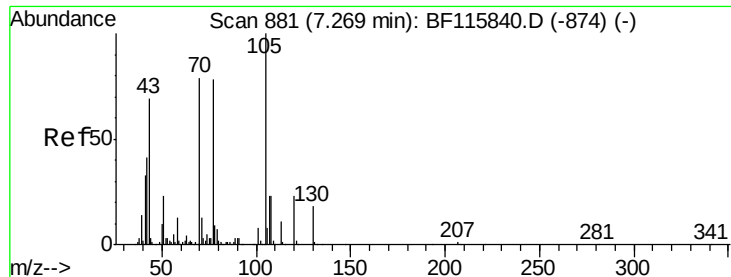
#18
Hexachloroethane
Concen: 40.834 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:117 Resp: 184054
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.6
201 105.6 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

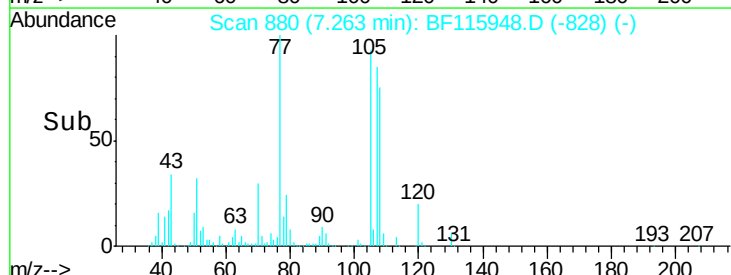
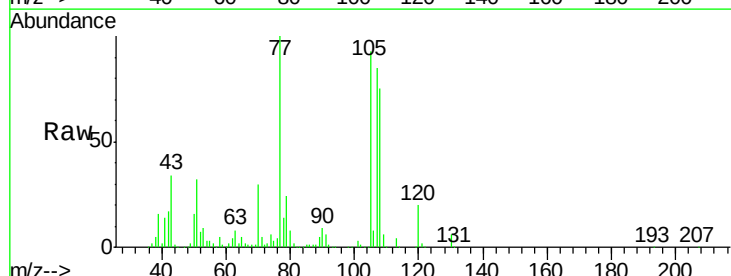
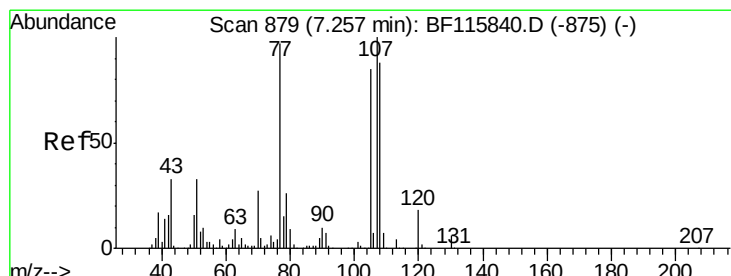
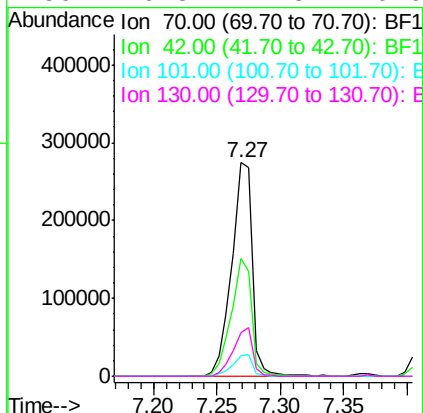




#19
n-Nitroso-di-n-propylamine
Concen: 40.898 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

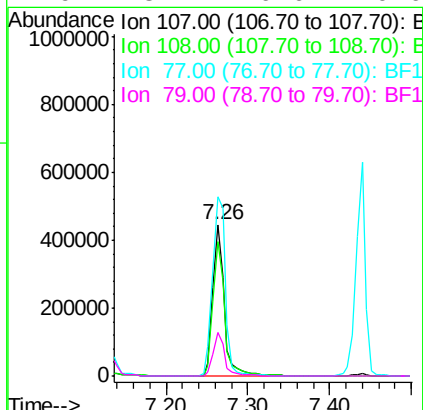
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

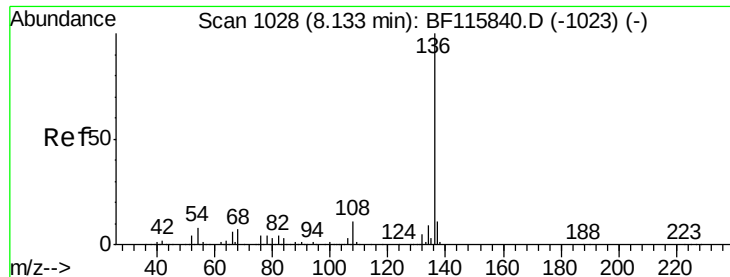
Tot Ion:	70	Resp:	305925
Ion	Ratio	Lower	Upper
70	100		
42	55.4	41.8	62.8
101	9.6	7.7	11.5
130	20.3	17.8	26.6



#20
3+4-Methylphenols
Concen: 40.818 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:	107	Resp:	432724
Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.9	107.9
77	118.3	77.3	117.3#
79	28.7	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 677891

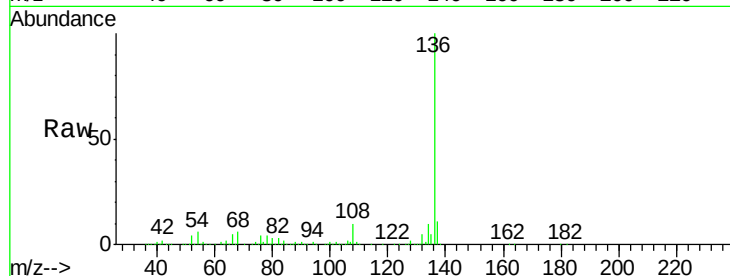
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.5 6.1 9.1

68 5.7 5.4 8.2

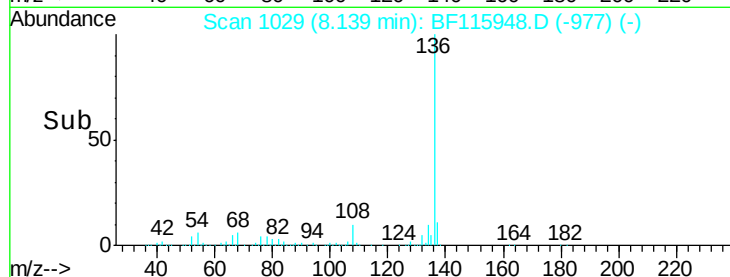


Abundance Ion 136.00 (135.70 to 136.70): E

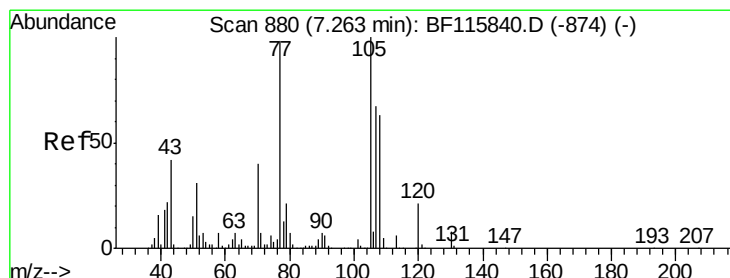
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.566 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:105 Resp: 573358

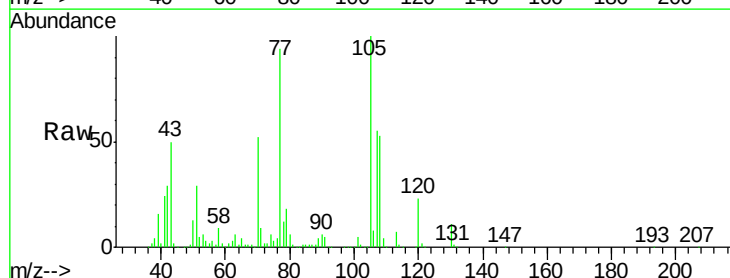
Ion Ratio Lower Upper

105 100

71 8.7 5.4 8.0#

51 28.8 24.6 36.8

120 22.5 17.0 25.6

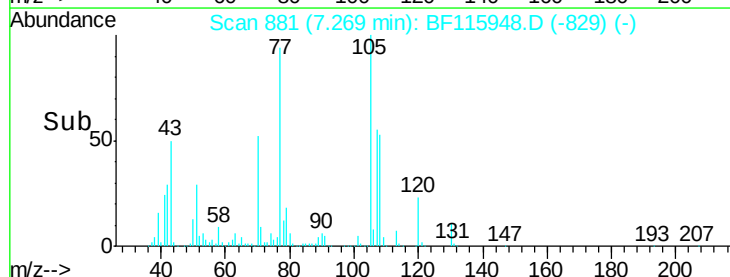


Abundance Ion 105.00 (104.70 to 105.70): E

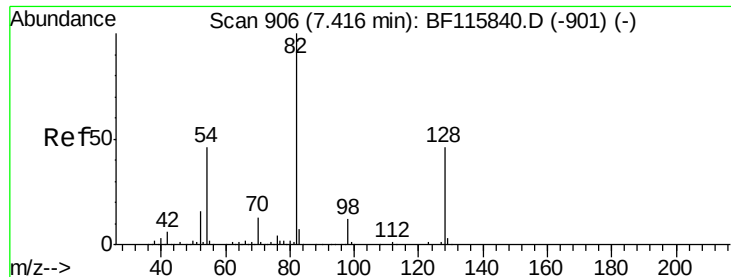
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



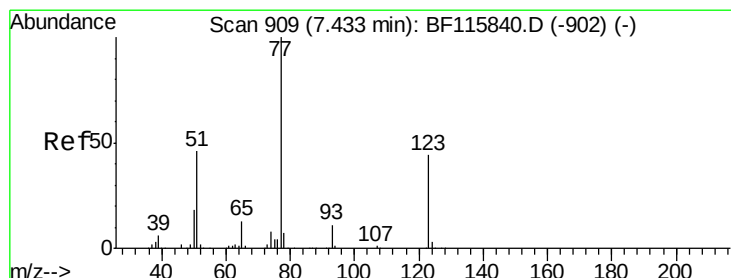
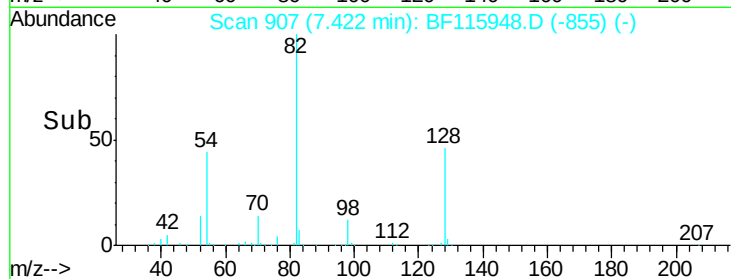
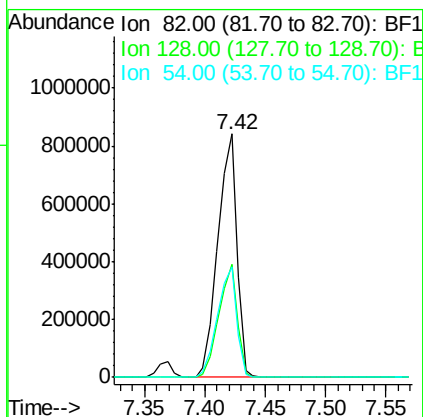
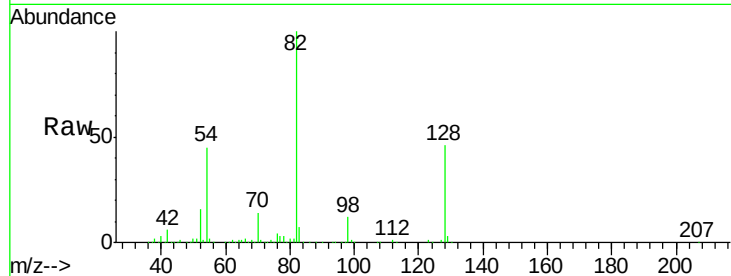
Time-->



#23
 Nitrobenzene-d5
 Concen: 77.717 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

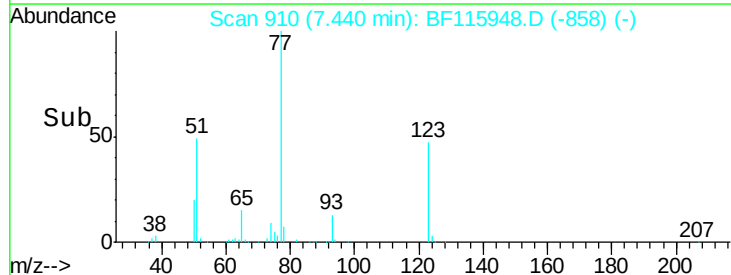
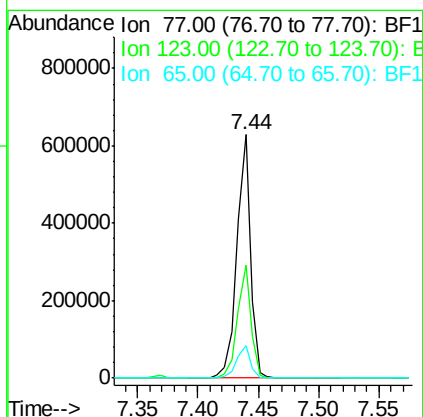
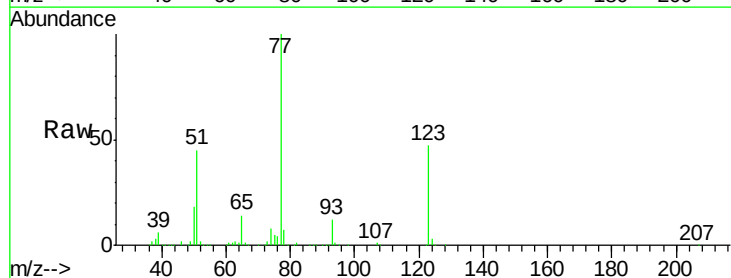
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

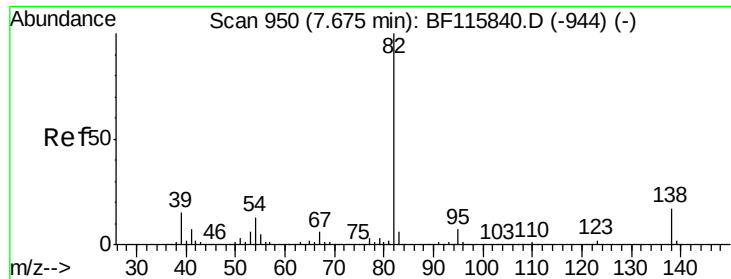
Tot Ion: 82 Resp: 912702
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.6 55.0
 54 45.4 36.6 55.0



#24
 Nitrobenzene
 Concen: 39.296 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion: 77 Resp: 498294
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.5 53.3
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 39.948 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

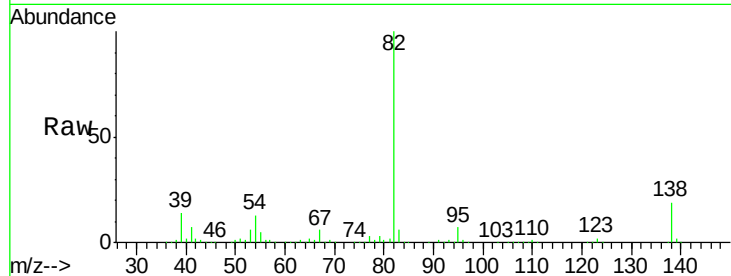
Tot Ion: 82 Resp: 897071

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

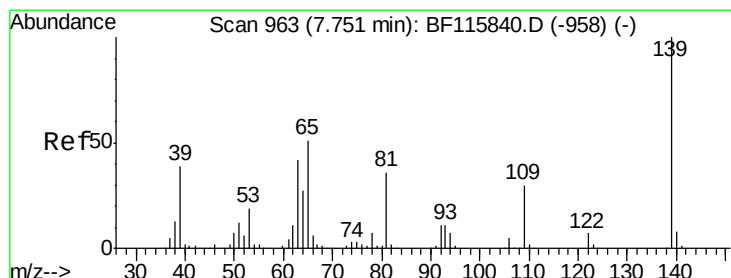
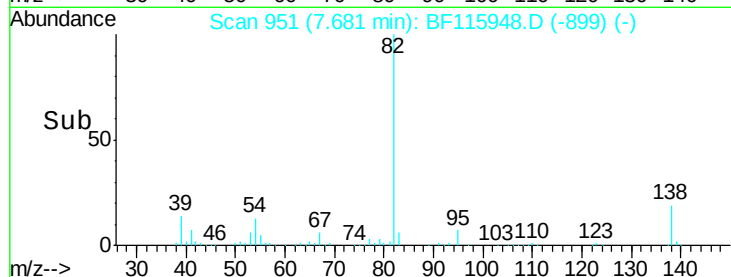
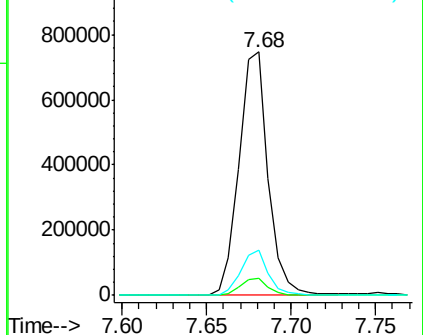
138 18.6 13.9 20.9



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: 41.480 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

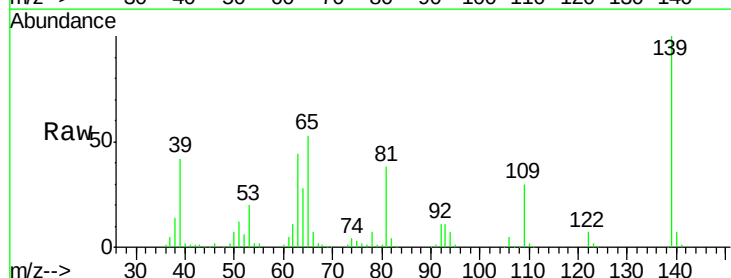
Tgt Ion: 139 Resp: 247943

Ion Ratio Lower Upper

139 100

109 30.4 23.6 35.4

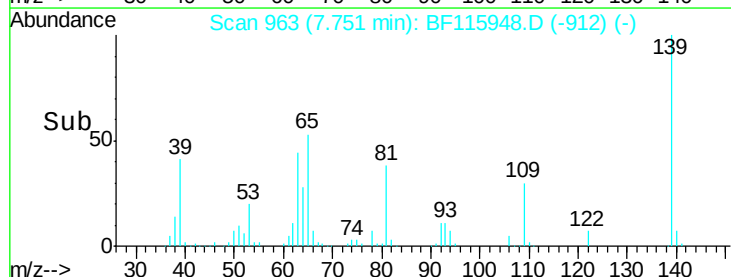
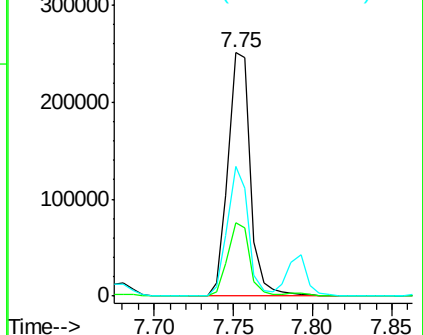
65 53.4 40.6 60.8

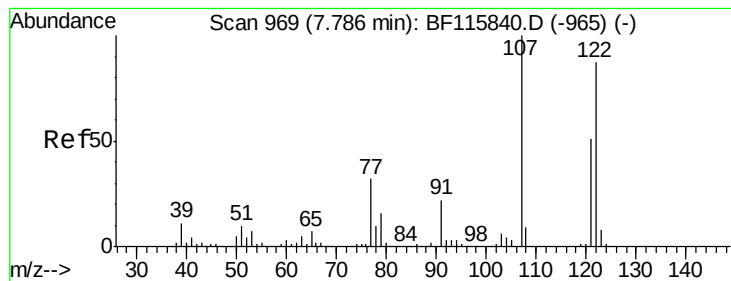


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.889 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

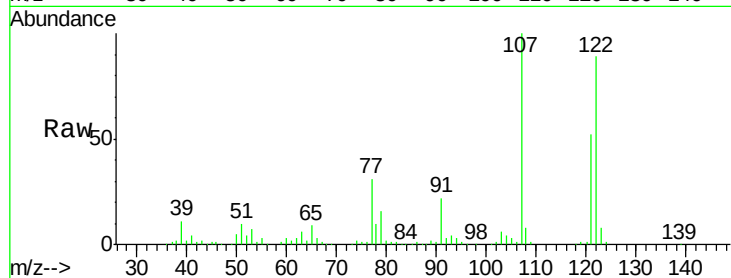
Tot Ion:122 Resp: 349727

Ion Ratio Lower Upper

122 100

107 112.9 91.7 137.5

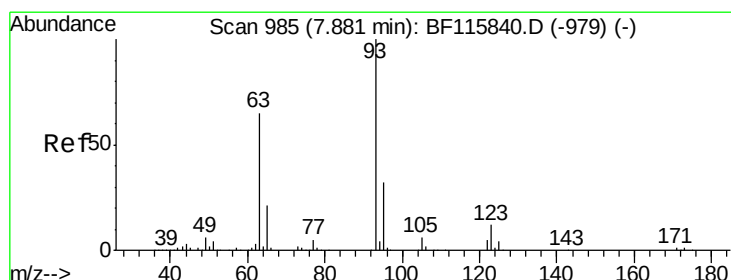
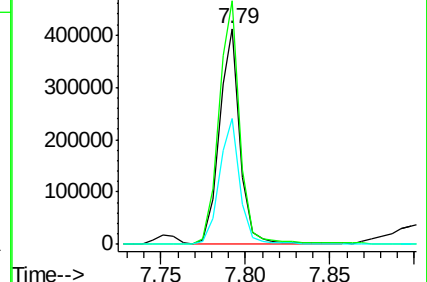
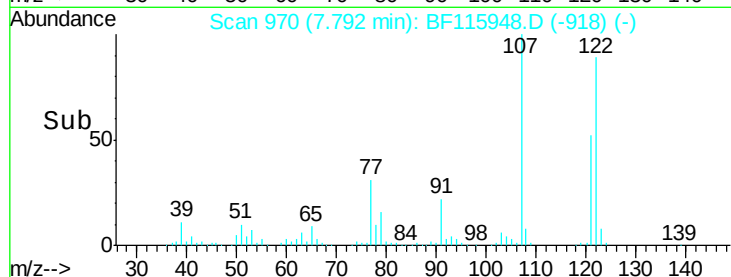
121 58.3 46.6 70.0



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: 40.331 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

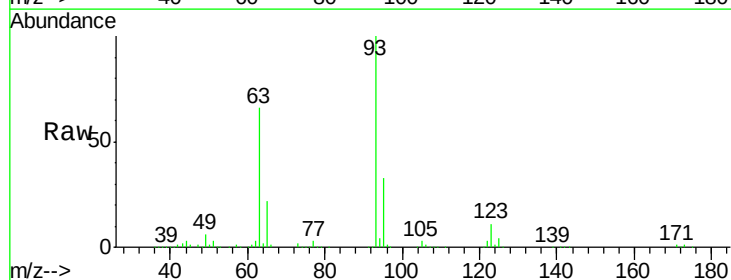
Tgt Ion: 93 Resp: 561353

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

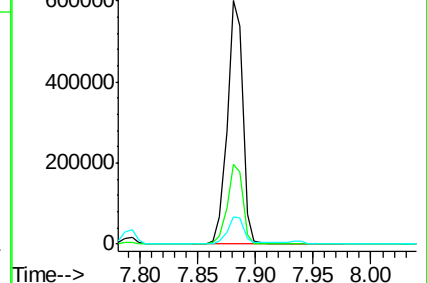
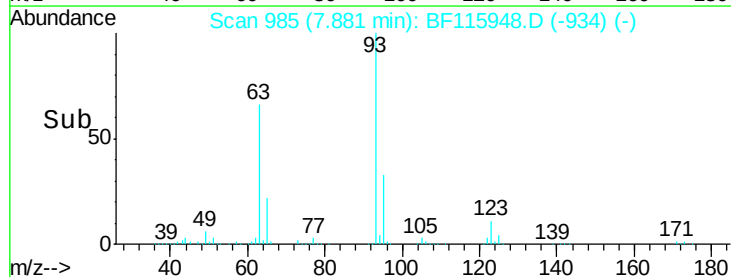
123 11.3 9.5 14.3

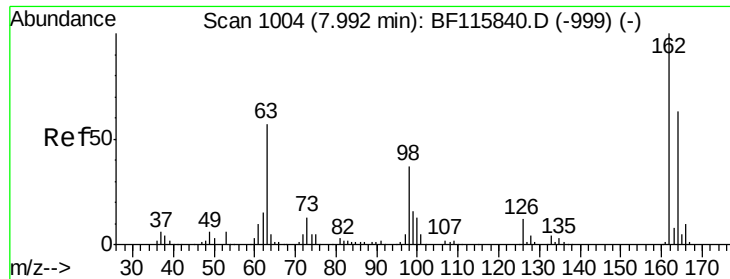


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

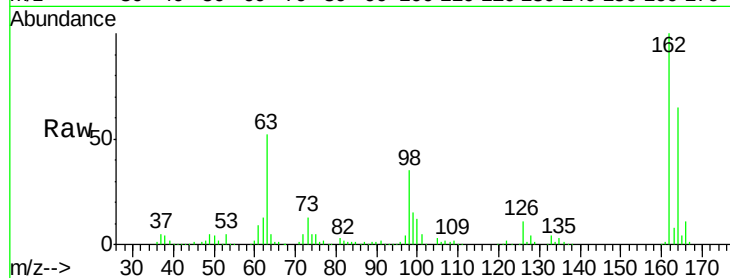




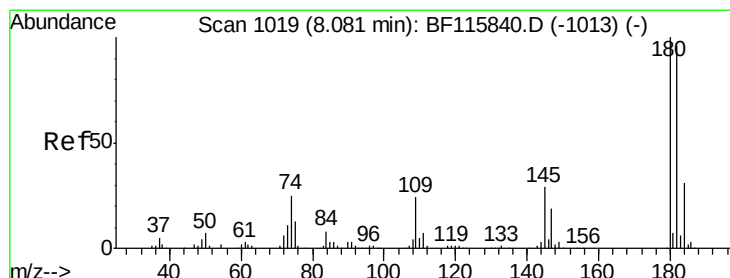
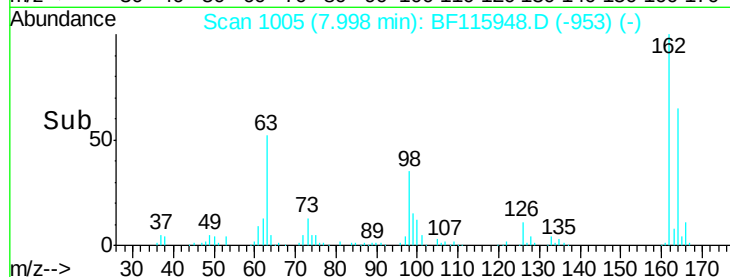
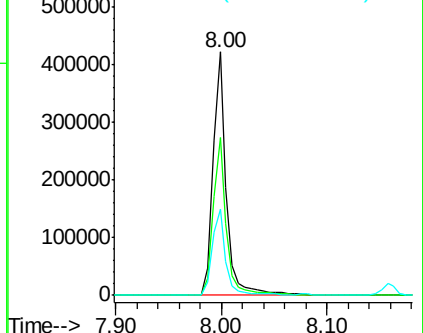
#29
 2,4-Dichlorophenol
 Concen: 39.888 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 378753
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.2 83.2
 98 35.3 17.3 57.3

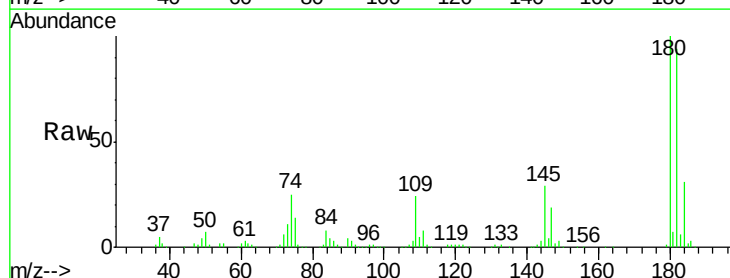


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

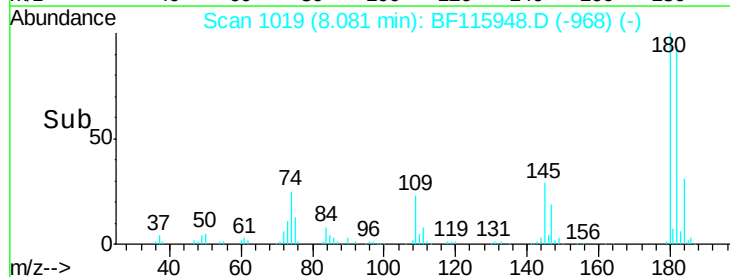
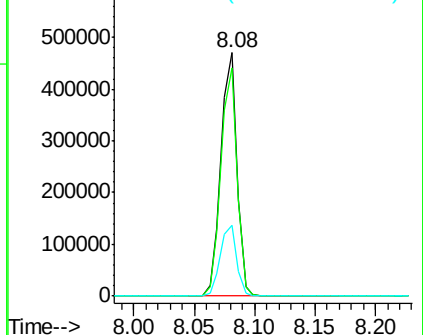


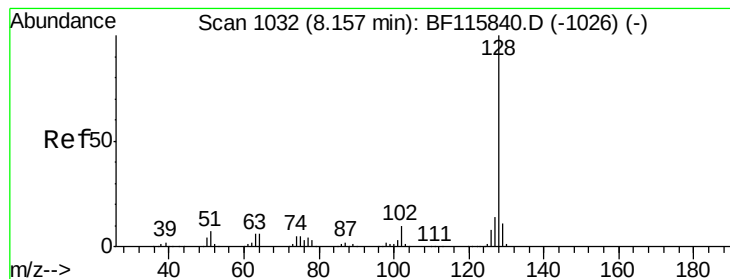
#30
 1,2,4-Trichlorobenzene
 Concen: 39.778 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion:180 Resp: 430551
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.6 114.8
 145 29.1 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: 39.282 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

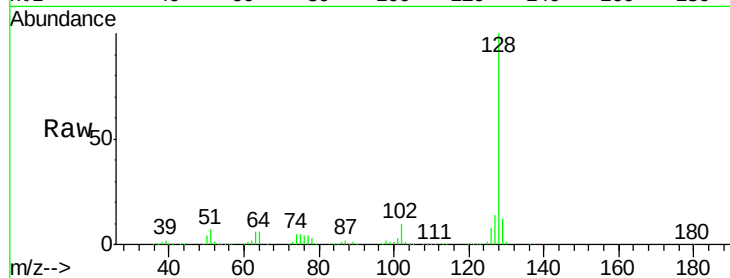
Tot Ion:128 Resp: 1253085

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

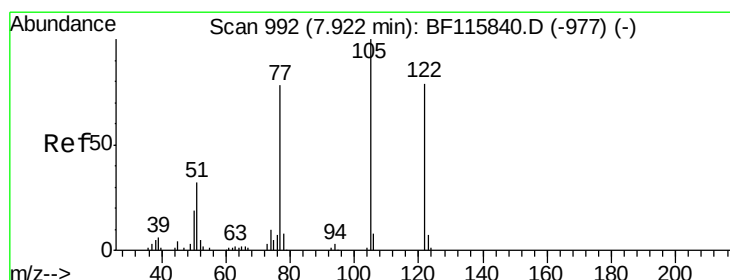
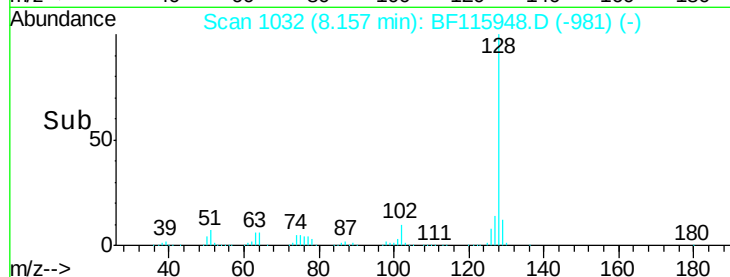
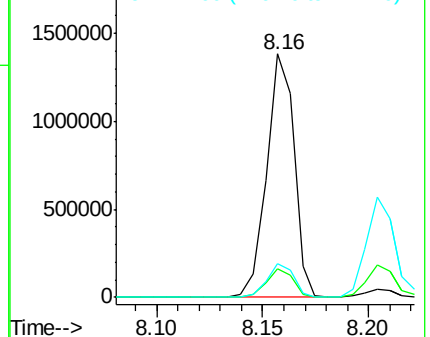
127 14.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.544 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

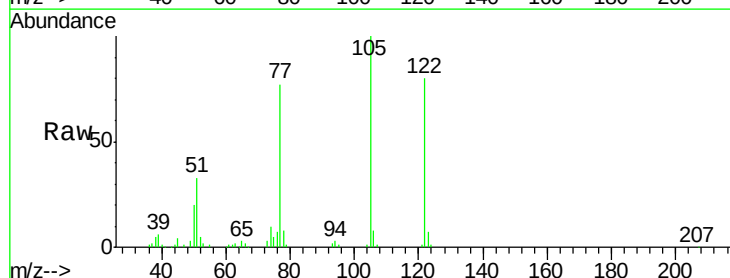
Tgt Ion:122 Resp: 199995

Ion Ratio Lower Upper

122 100

105 124.2 103.1 143.1

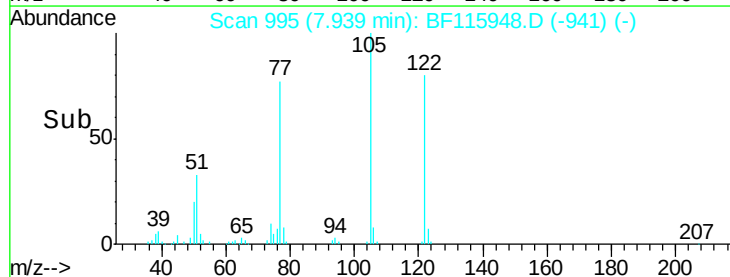
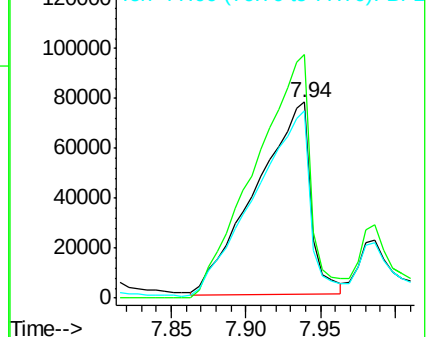
77 95.6 76.8 116.8

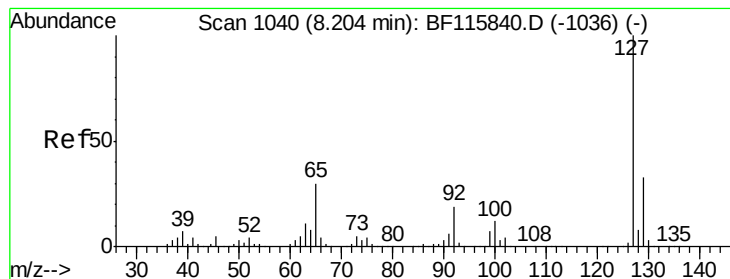


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.673 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 565465

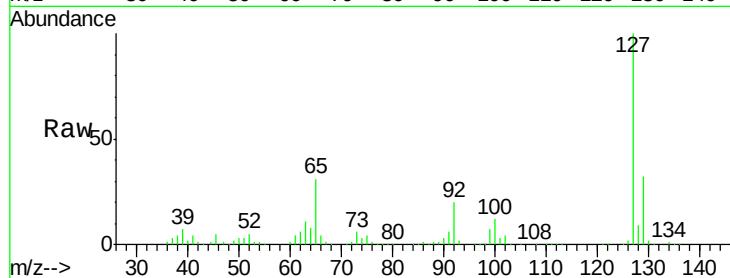
Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 31.5 23.9 35.9

92 19.6 14.9 22.3

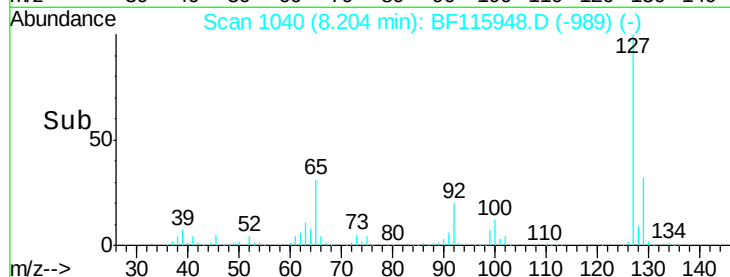


Abundance Ion 127.00 (126.70 to 127.70): E

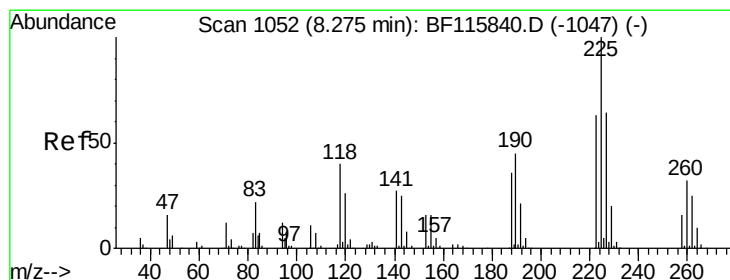
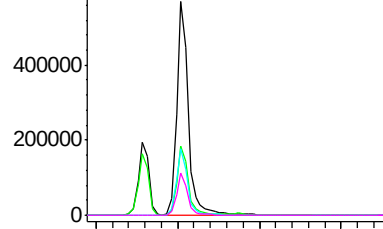
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 39.473 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

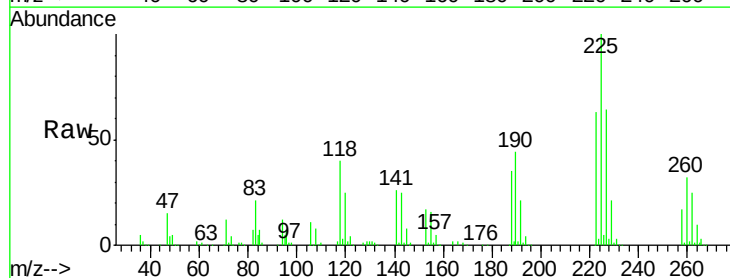
Tgt Ion:225 Resp: 246091

Ion Ratio Lower Upper

225 100

223 63.5 50.4 75.6

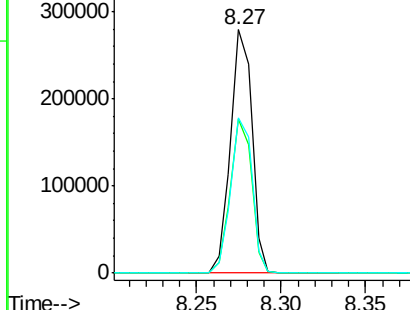
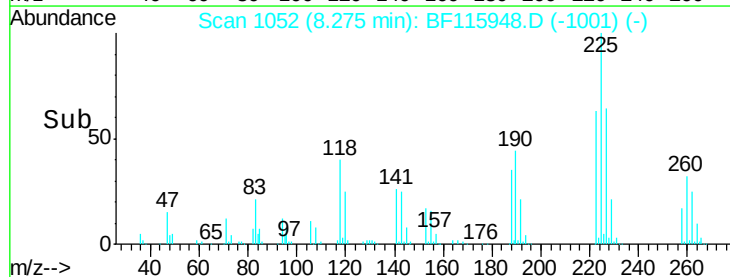
227 63.9 51.6 77.4

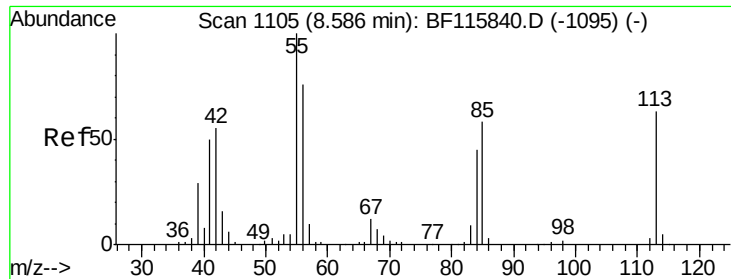


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

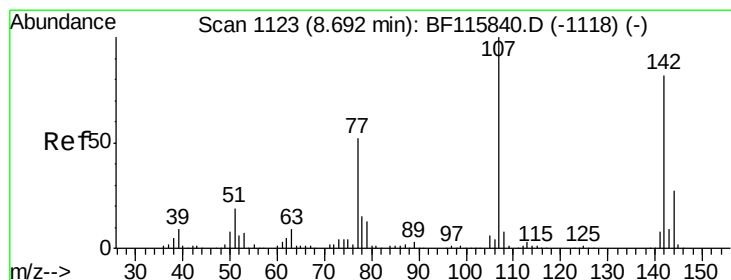
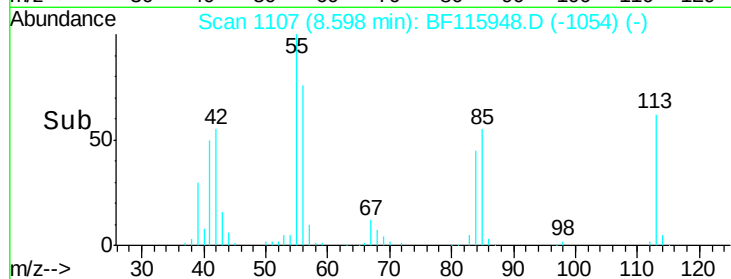
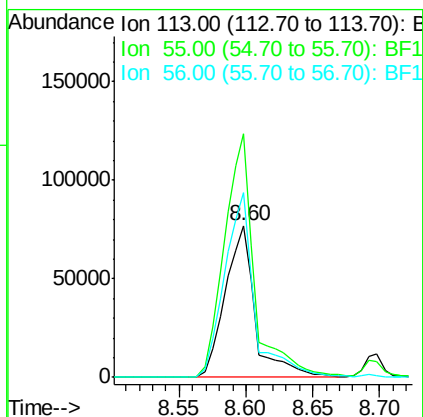
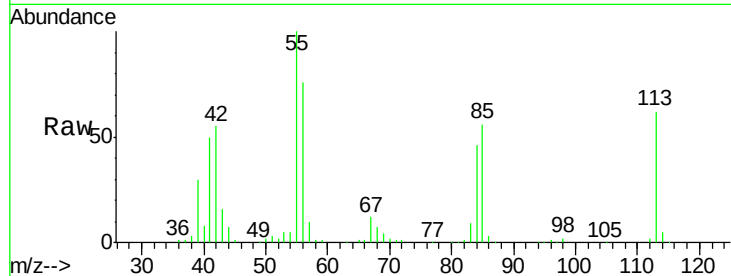




#35
 Caprolactam
 Concen: 39.652 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

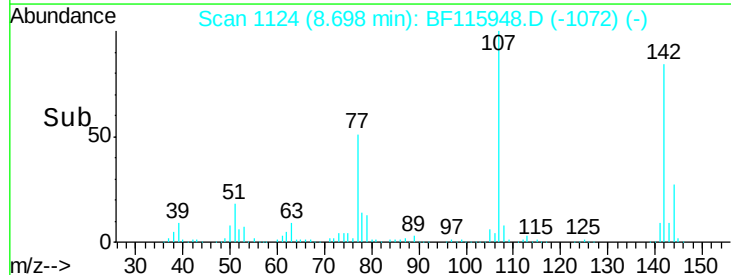
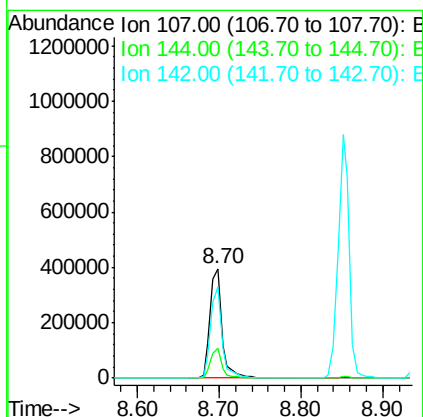
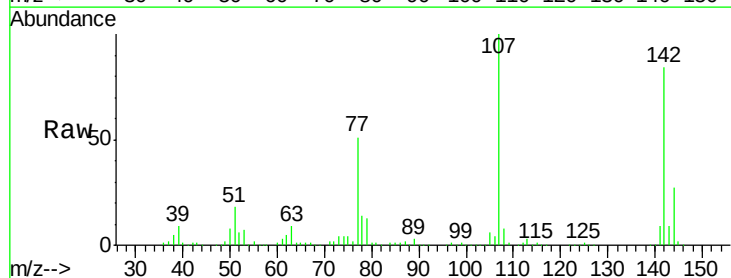
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

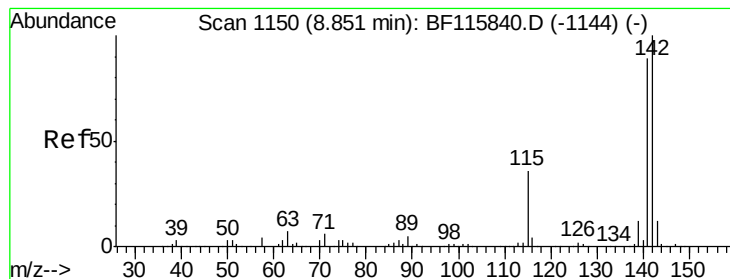
Tot Ion:113 Resp: 121774
 Ion Ratio Lower Upper
 113 100
 55 160.6 138.1 178.1
 56 122.0 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.389 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion:107 Resp: 398964
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.4 32.0
 142 83.7 65.5 98.3





#37

2-Methylnaphthalene

Concen: 39.620 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

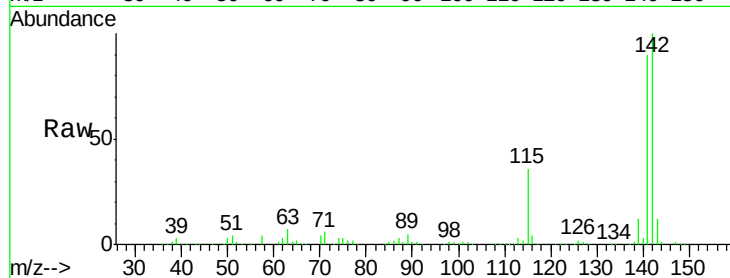
Tot Ion:142 Resp: 832380

Ion Ratio Lower Upper

142 100

141 90.0 71.4 107.2

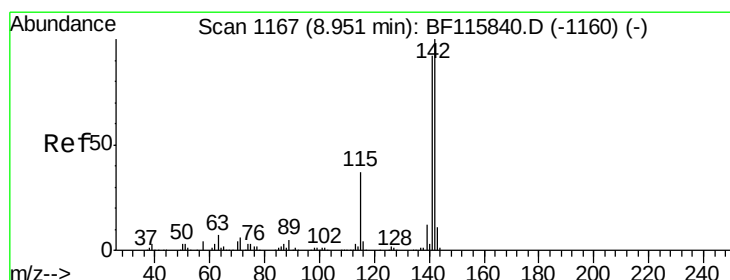
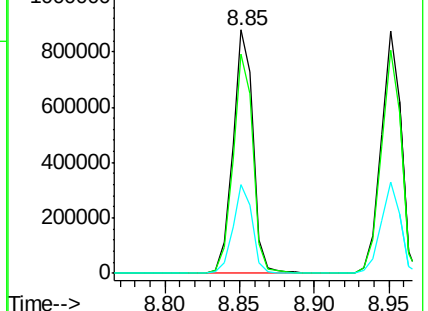
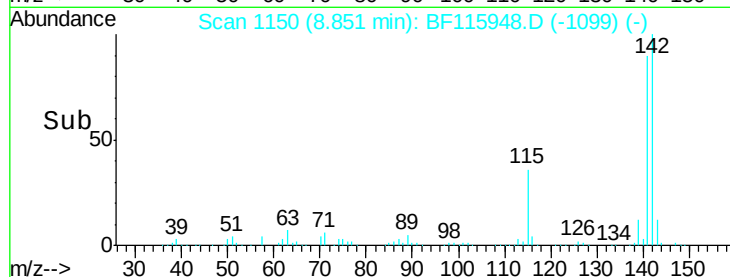
115 36.5 28.9 43.3



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: 40.059 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

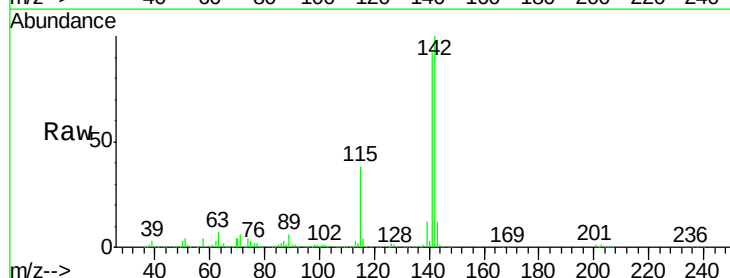
Tgt Ion:142 Resp: 796183

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

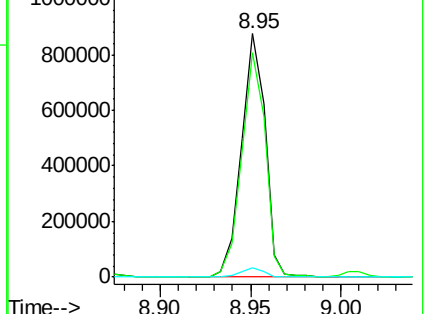
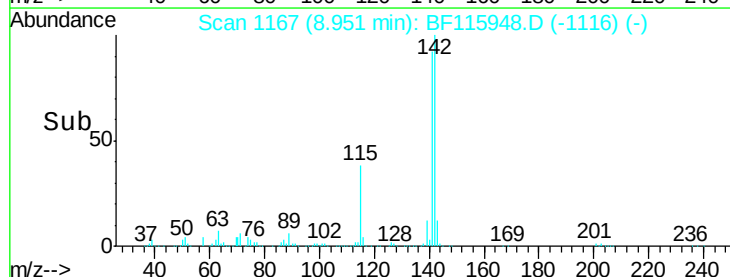
116 4.0 3.1 4.7

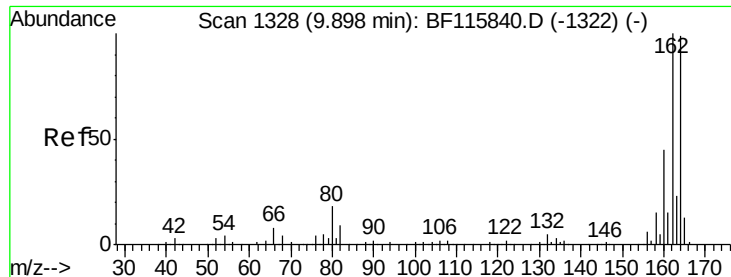


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

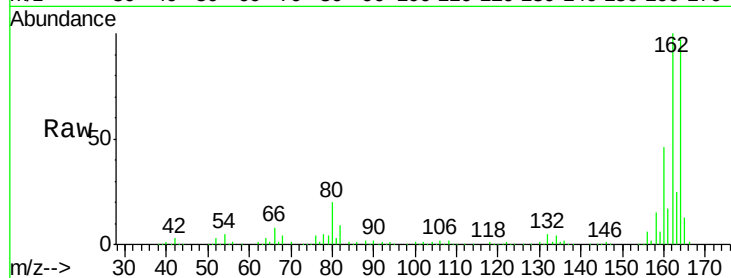
Tot Ion:164 Resp: 339285

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

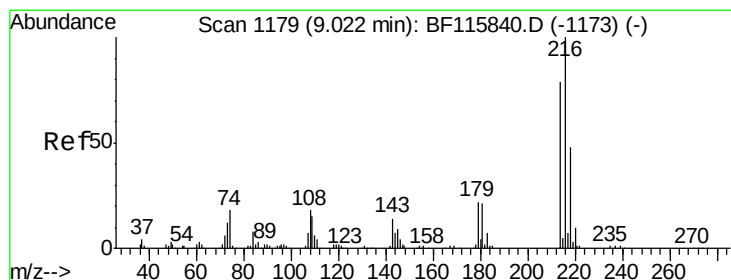
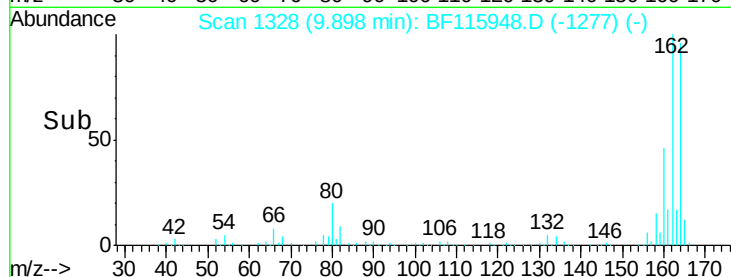
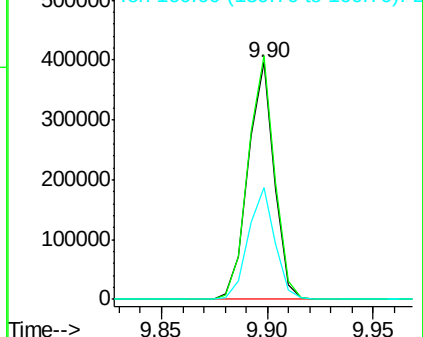
160 47.1 36.2 54.4



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: 42.570 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:216 Resp: 386130

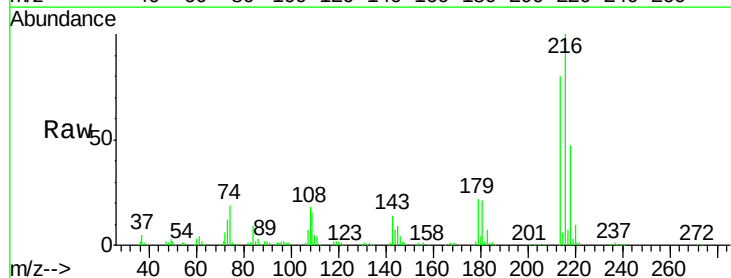
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 22.1 17.6 26.4

108 20.1 16.1 24.1

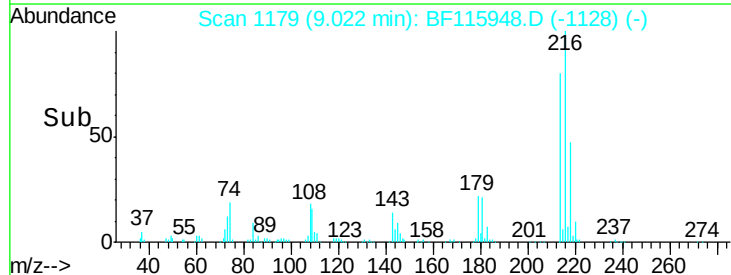
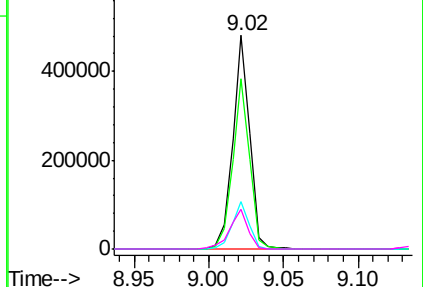


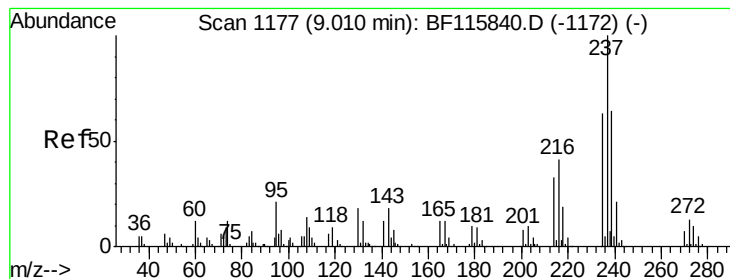
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.556 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

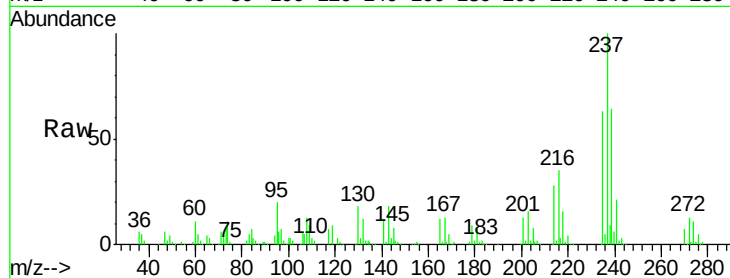
Tot Ion:237 Resp: 130317

Ion Ratio Lower Upper

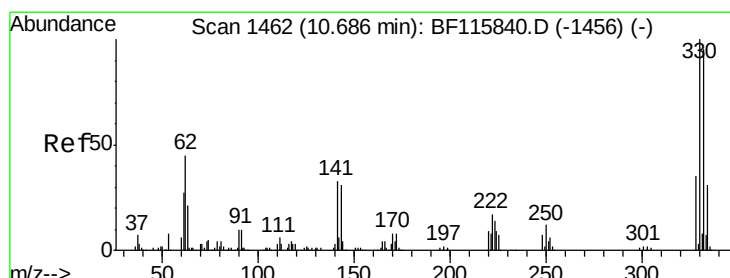
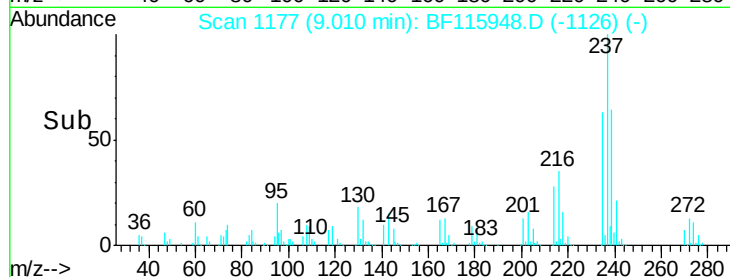
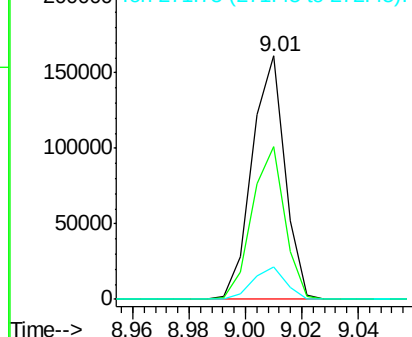
237 100

235 63.0 42.5 82.5

272 13.4 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: 86.776 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

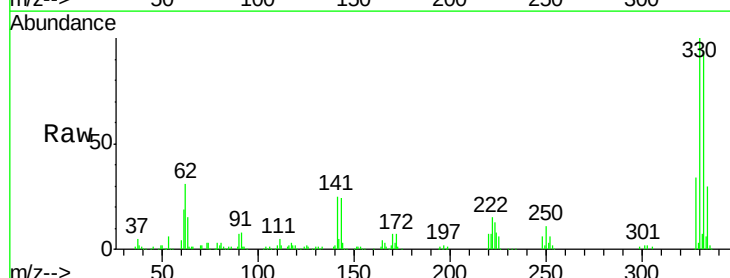
Tgt Ion:330 Resp: 285445

Ion Ratio Lower Upper

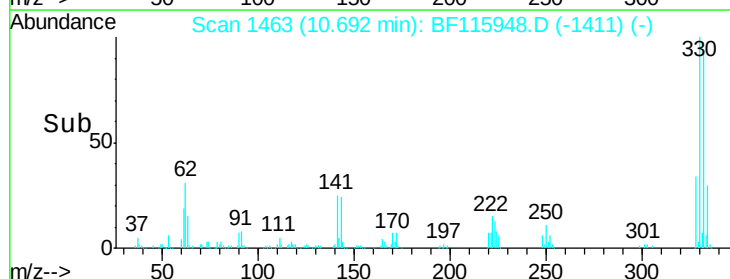
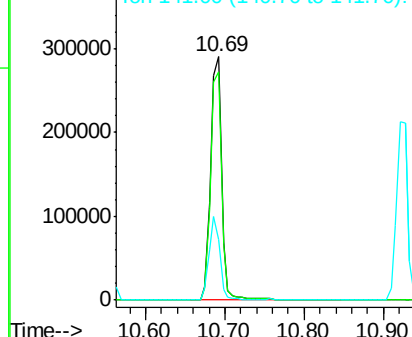
330 100

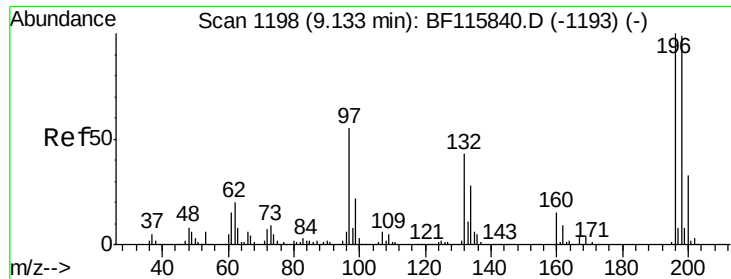
332 94.7 77.7 116.5

141 33.2 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

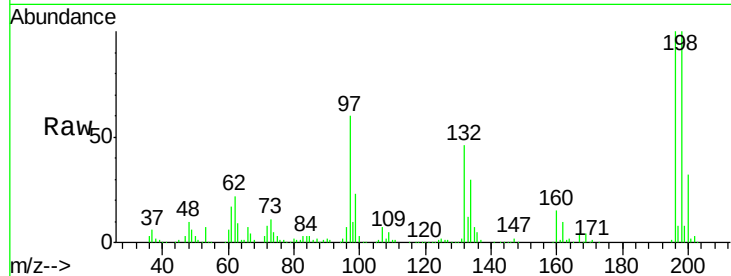




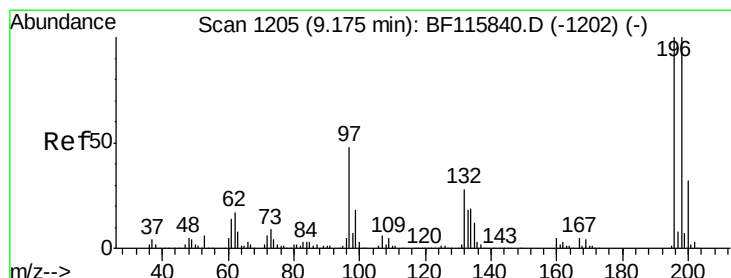
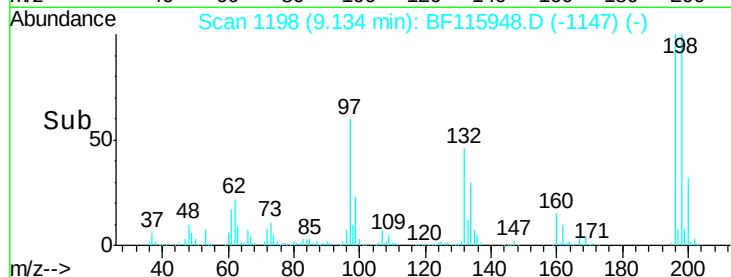
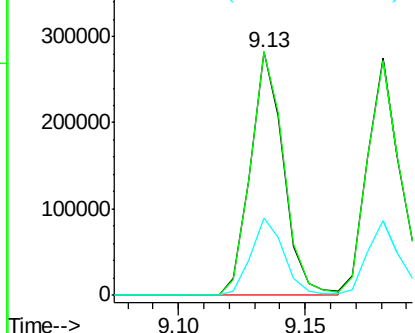
#43
 2,4,6-Trichlorophenol
 Concen: 40.859 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 255098
 Ion Ratio Lower Upper
 196 100
 198 100.0 79.1 118.7
 200 31.8 26.0 39.0

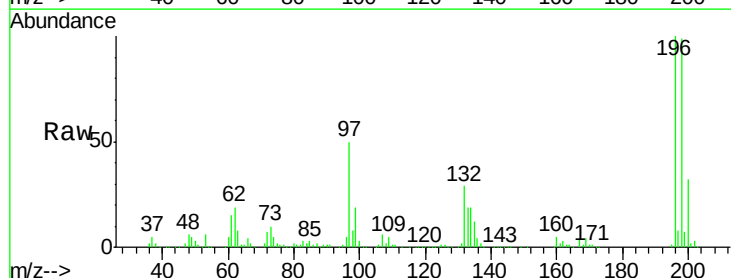


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

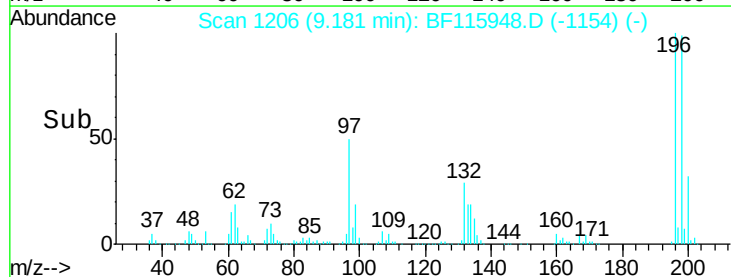
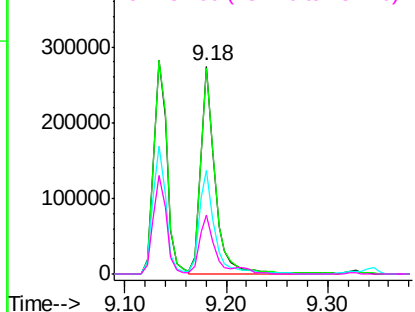


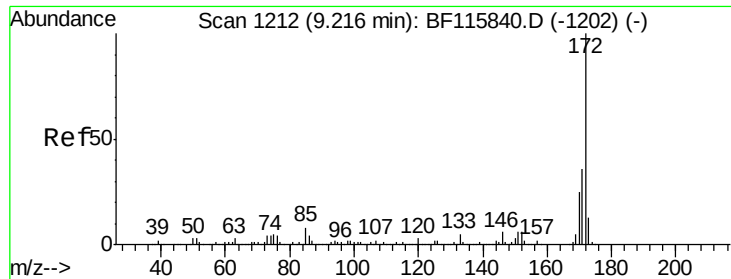
#44
 2,4,5-Trichlorophenol
 Concen: 41.702 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion:196 Resp: 269134
 Ion Ratio Lower Upper
 196 100
 198 99.1 80.1 120.1
 97 49.9 38.9 58.3
 132 28.7 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

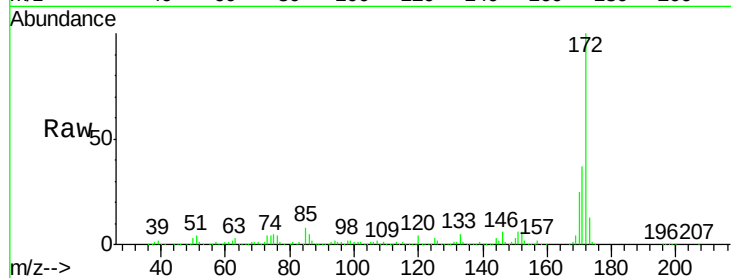




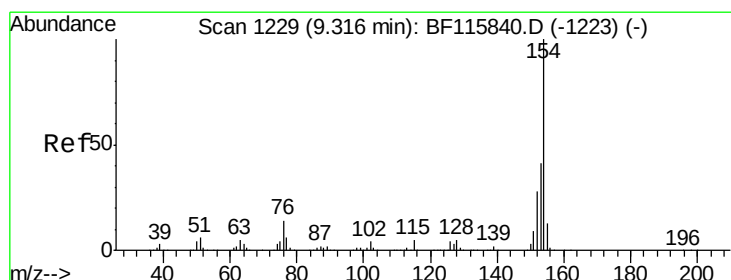
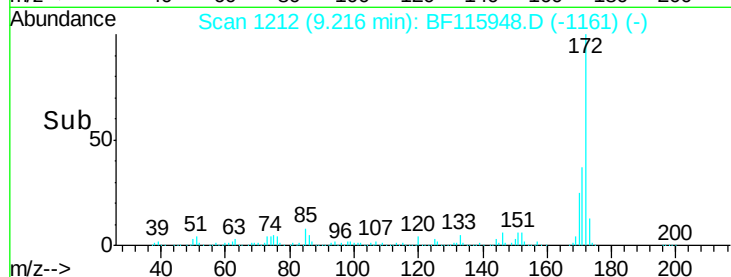
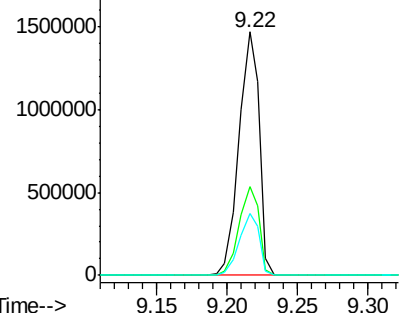
#45
2-Fluorobiphenyl
Concen: 82.110 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1487330
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 25.3 20.1 30.1

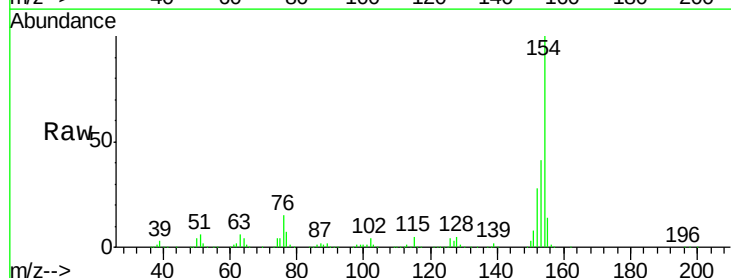


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

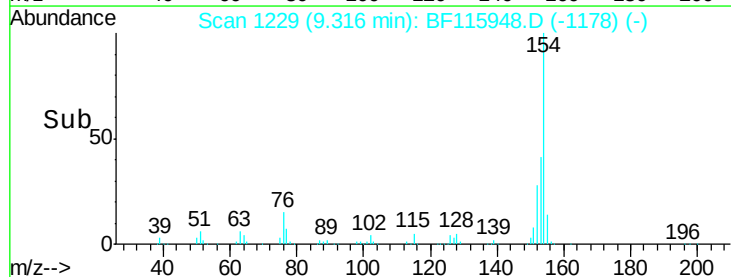
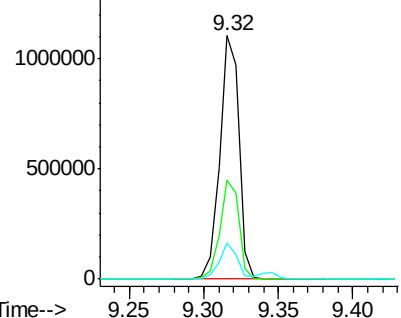


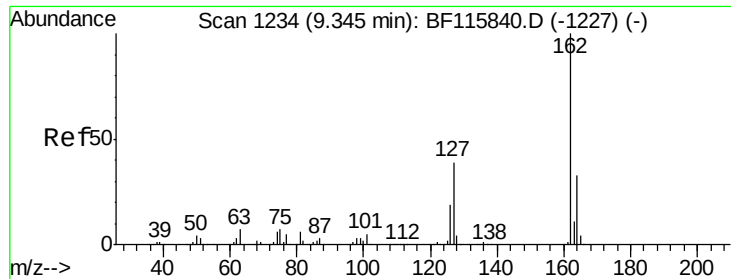
#46
1,1'-Biphenyl
Concen: 41.904 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:154 Resp: 1003738
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 14.7 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

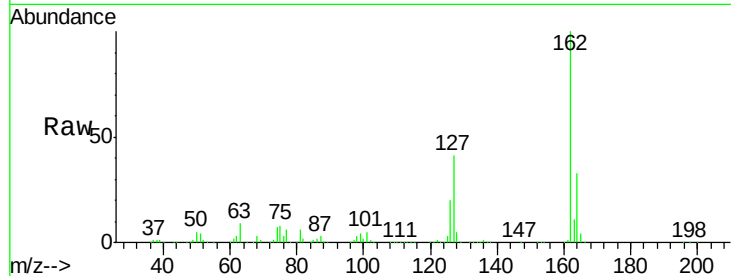




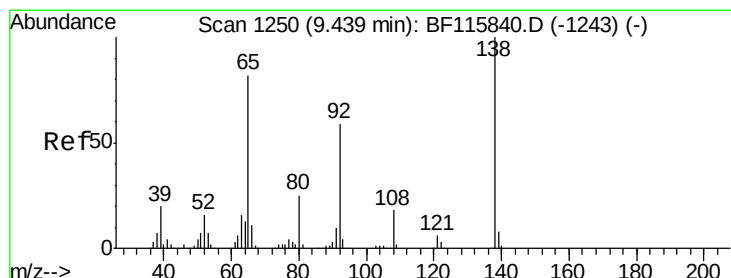
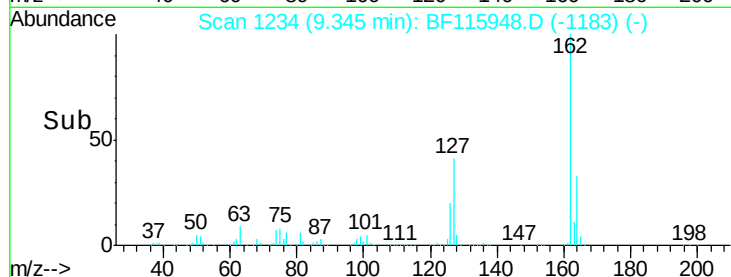
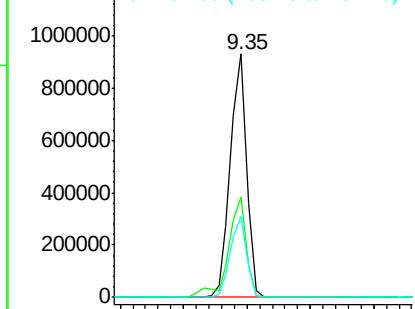
#47
 2-Chloronaphthalene
 Concen: 41.411 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.3	46.9
164	33.5	26.6	40.0

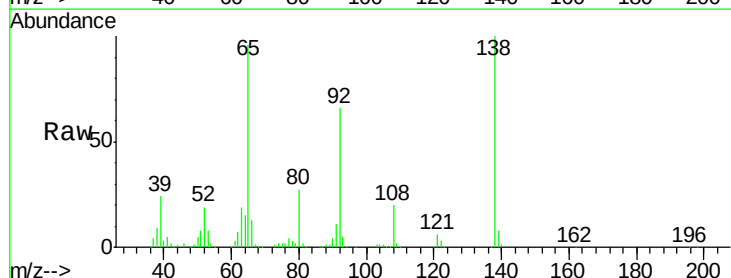


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

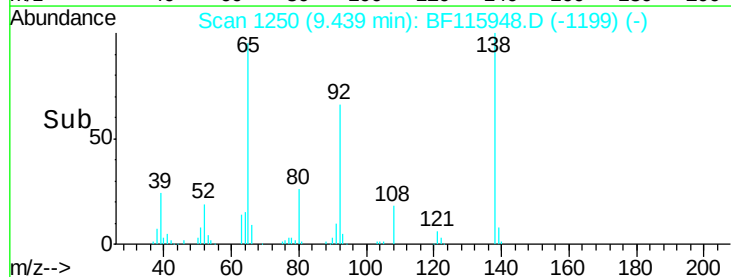
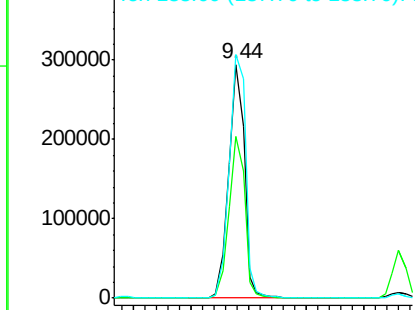


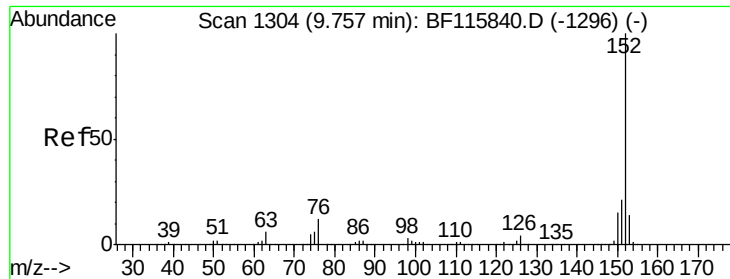
#48
 2-Nitroaniline
 Concen: 42.279 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	57.1	85.7
138	104.1	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: 42.835 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

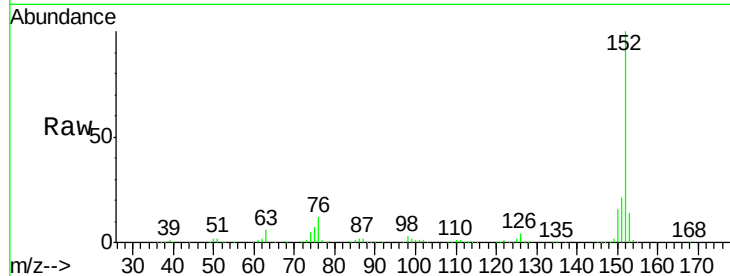
Tot Ion:152 Resp: 1245852

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

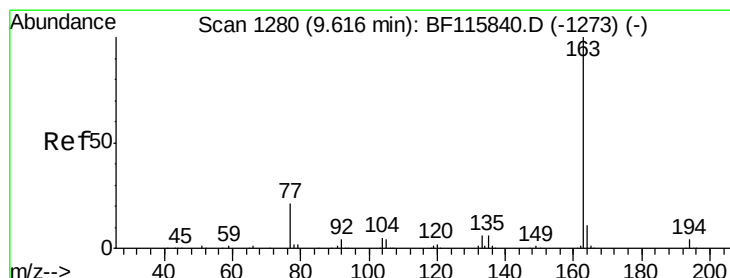
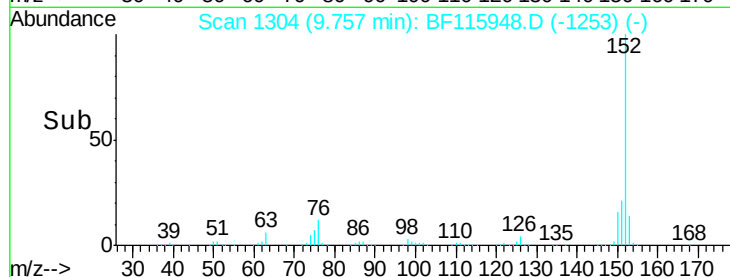
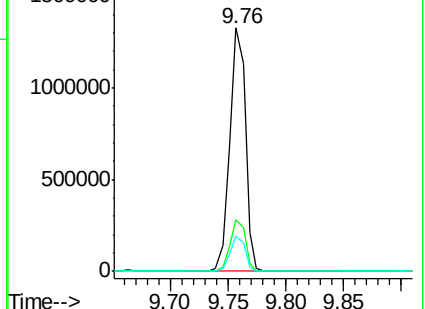
153 14.3 11.6 17.4



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: 42.911 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

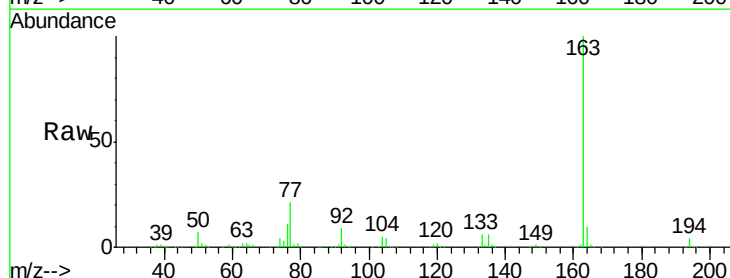
Tgt Ion:163 Resp: 991318

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

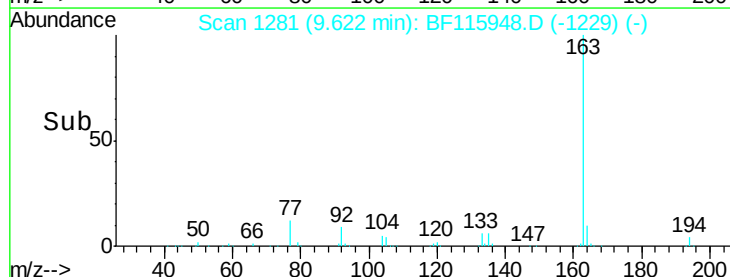
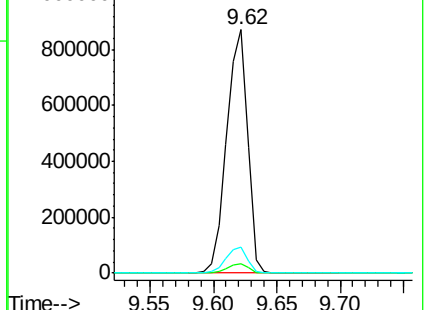
164 10.5 8.4 12.6

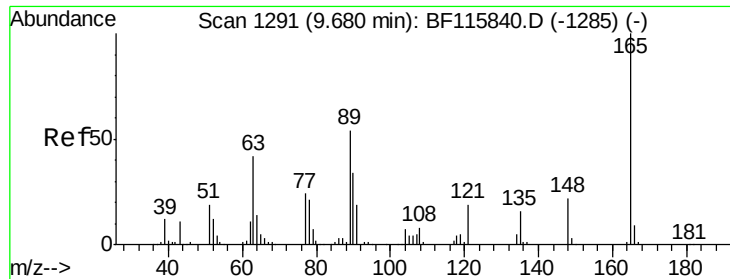


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

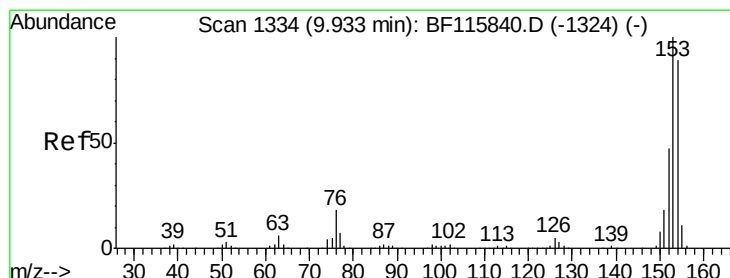
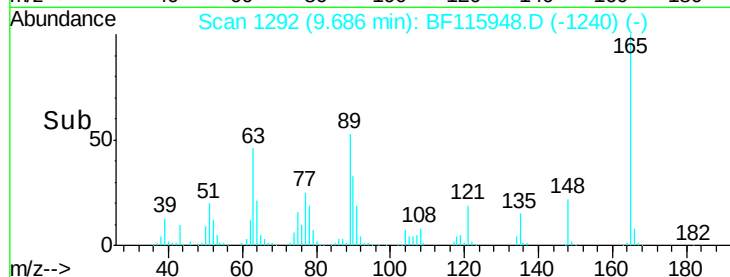
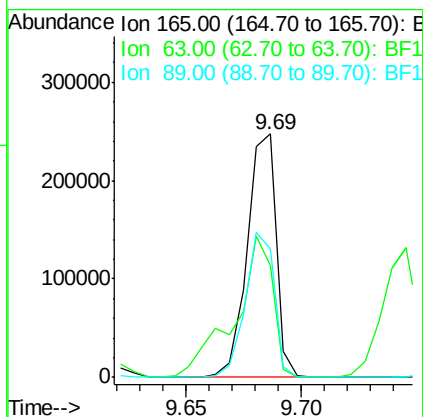
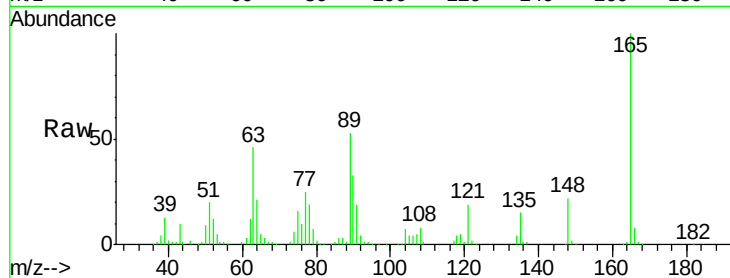




#51
 2,6-Dinitrotoluene
 Concen: 43.495 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

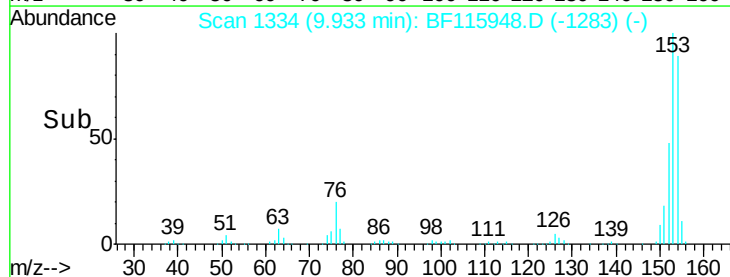
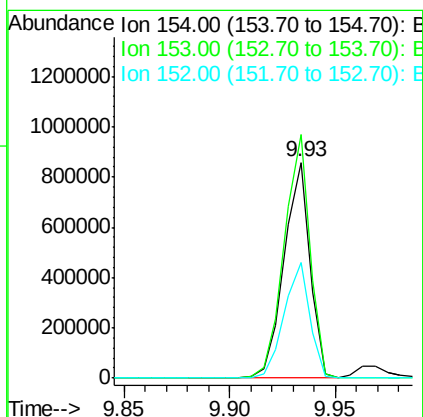
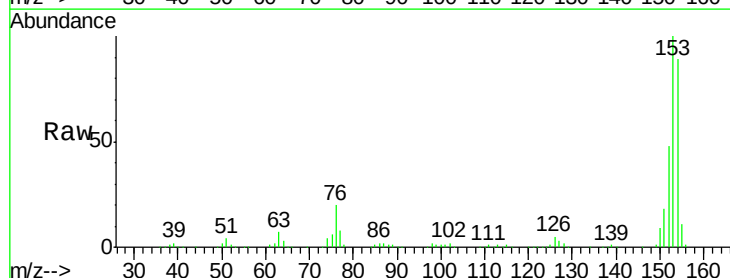
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

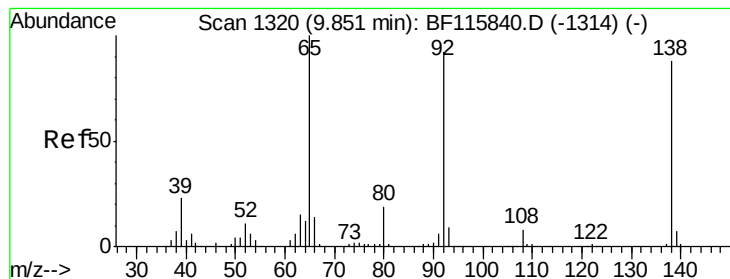
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	39.4	59.2
89	52.7	43.0	64.6



#52
 Acenaphthene
 Concen: 41.128 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	53.8	42.6	63.8





#53

3-Nitroaniline

Concen: 41.725 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

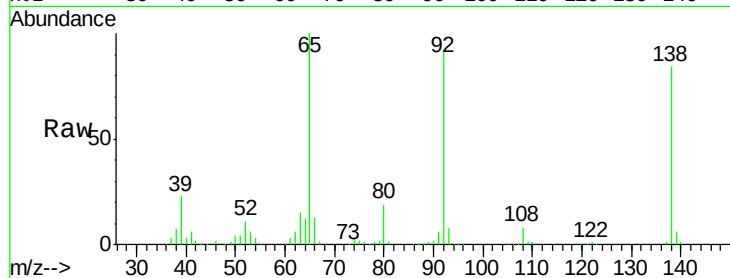
Tot Ion:138 Resp: 258831

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.2

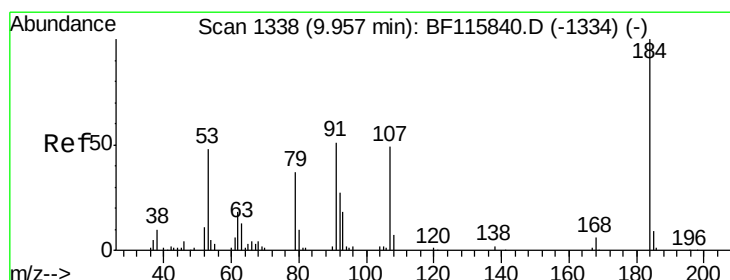
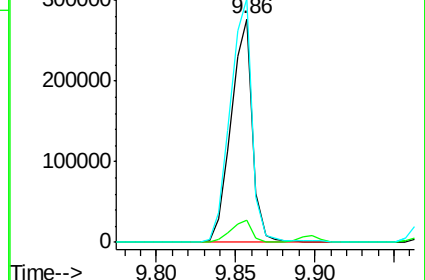
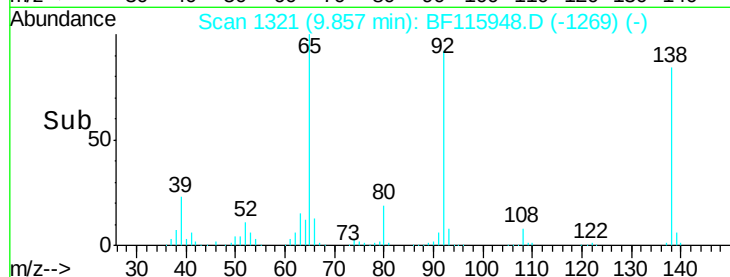
92 108.8 83.9 125.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 37.538 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

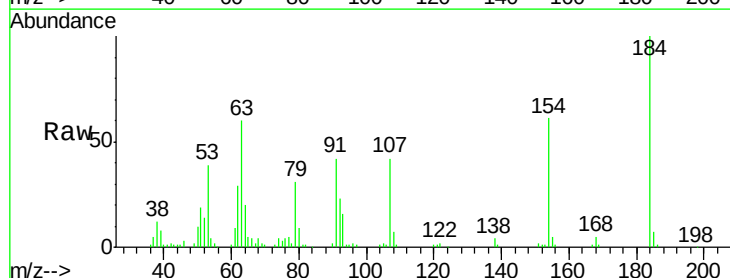
Tgt Ion:184 Resp: 84115

Ion Ratio Lower Upper

184 100

63 60.1 56.7 85.1

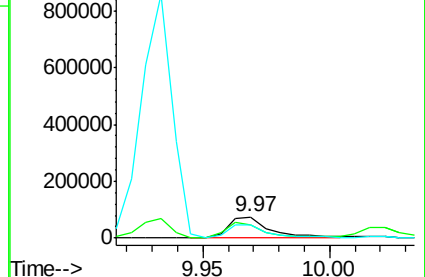
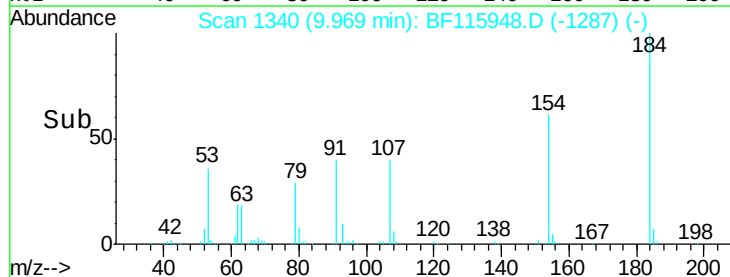
154 61.5 51.9 77.9

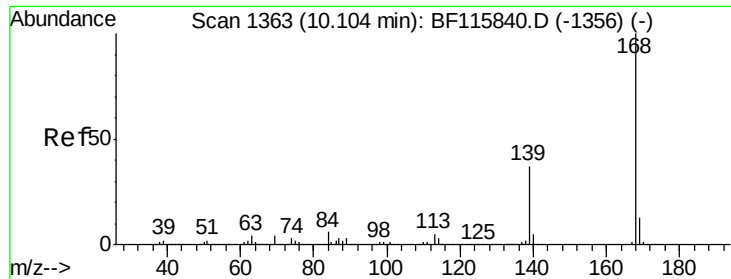


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

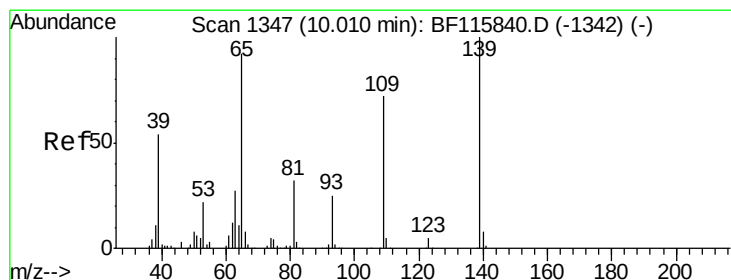
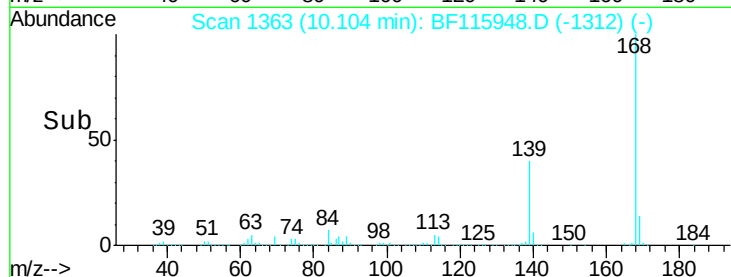
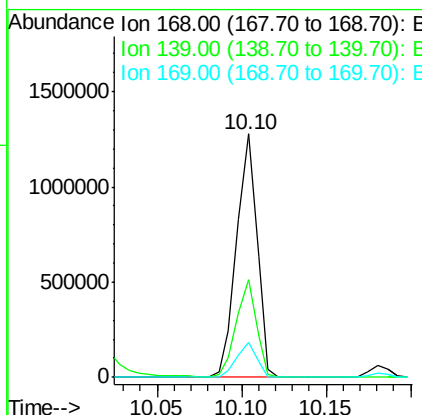
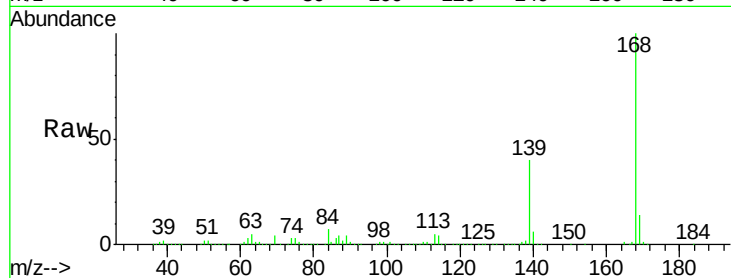




#55
Dibenzofuran
Concen: 41.787 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

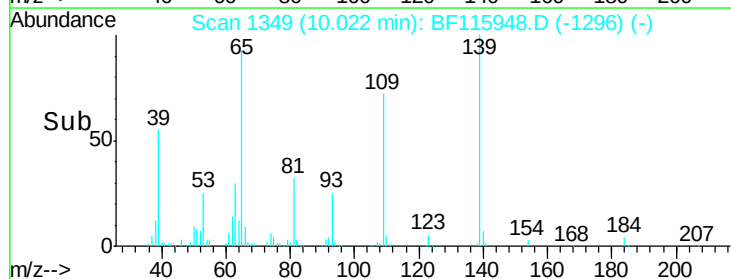
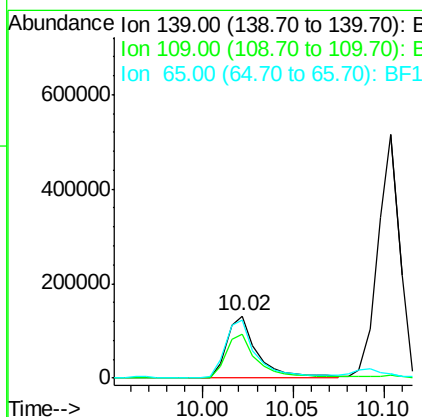
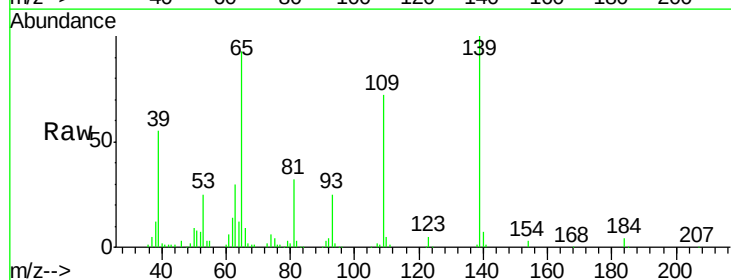
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

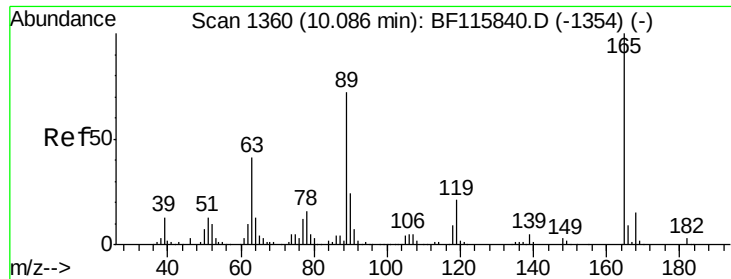
Tot Ion:168 Resp: 1084317
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.2
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 39.497 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:139 Resp: 156955
Ion Ratio Lower Upper
139 100
109 71.9 52.0 92.0
65 93.1 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 42.825 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 286251

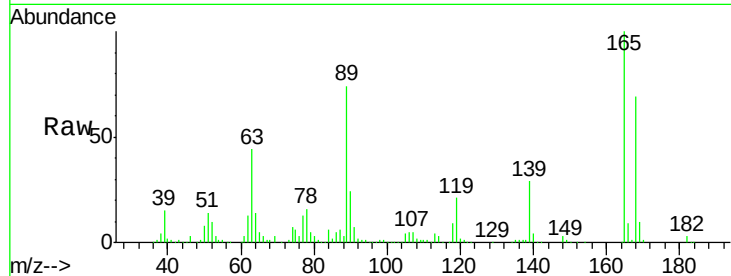
Ion Ratio Lower Upper

165 100

63 44.1 33.2 49.8

89 73.6 57.3 85.9

182 2.7 2.1 3.1

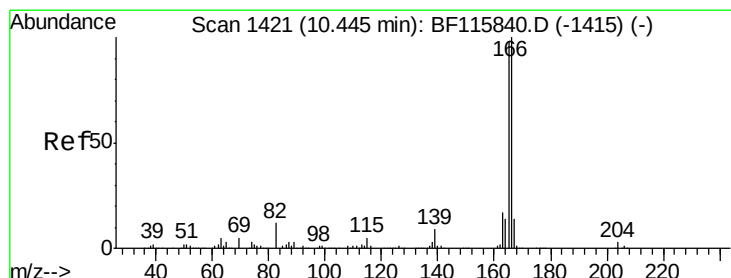
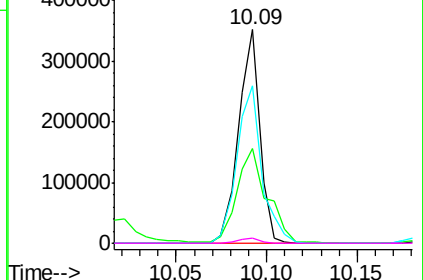
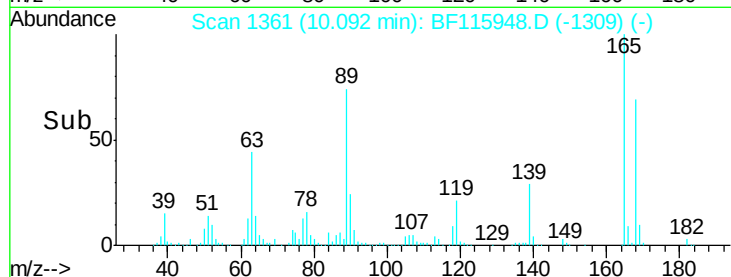


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.436 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

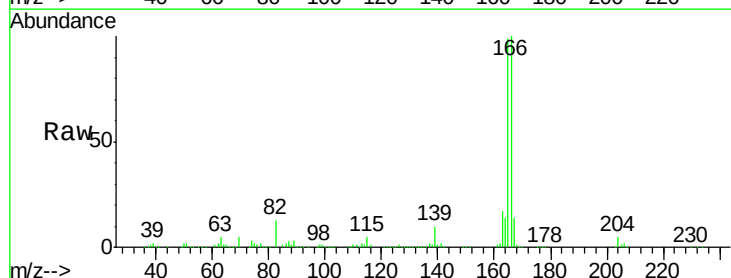
Tgt Ion:166 Resp: 847212

Ion Ratio Lower Upper

166 100

165 99.5 78.6 118.0

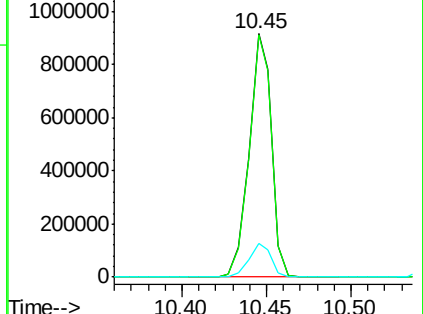
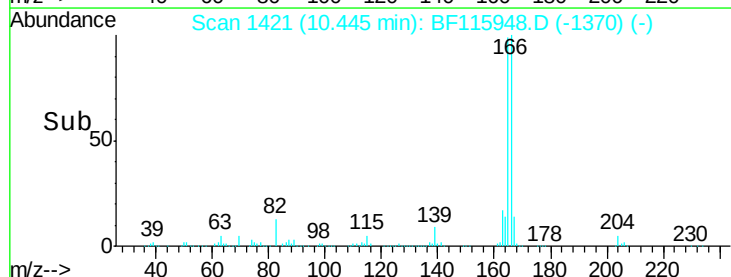
167 14.0 10.9 16.3

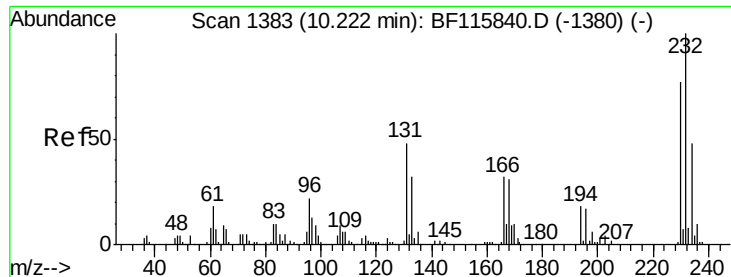


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

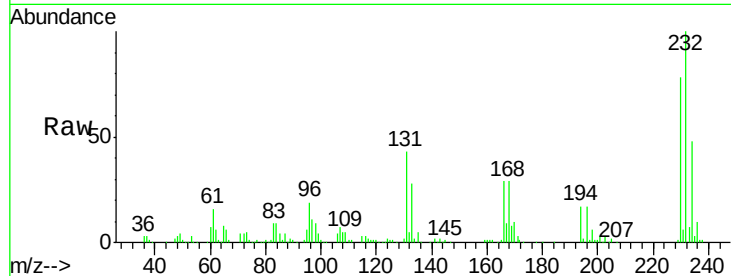




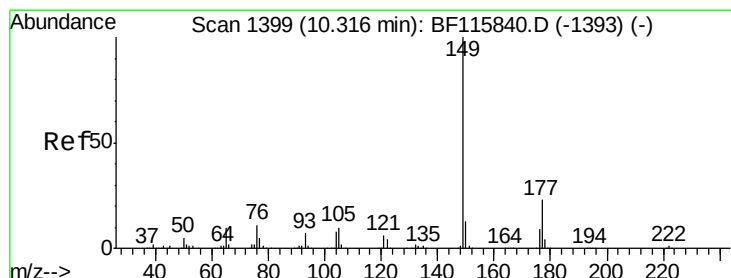
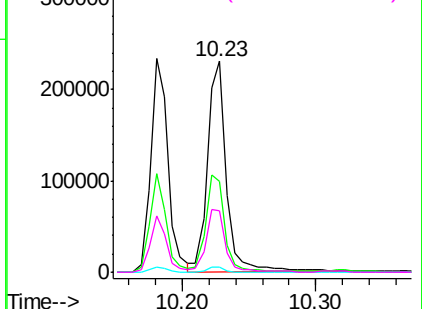
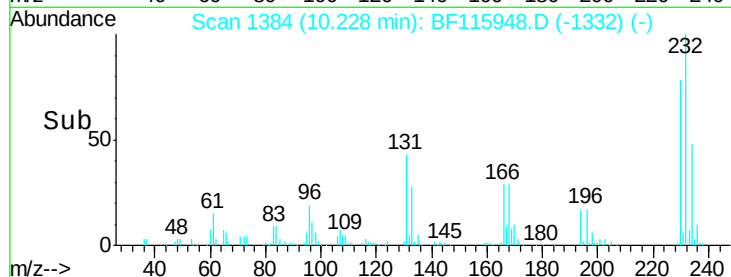
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.581 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 225771
Ion Ratio Lower Upper
232 100
131 46.7 37.6 56.4
130 2.3 1.8 2.8
166 30.3 24.6 37.0

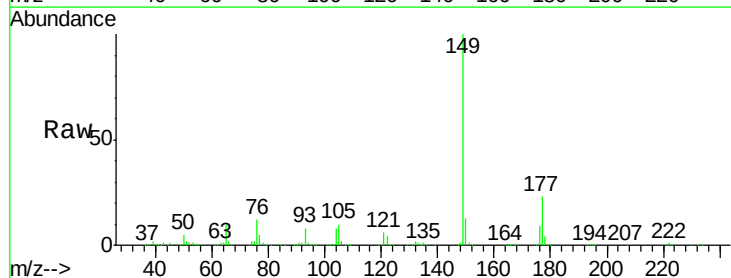


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

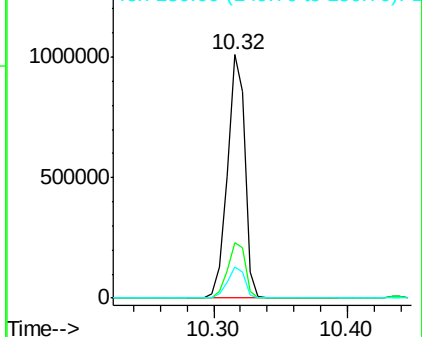
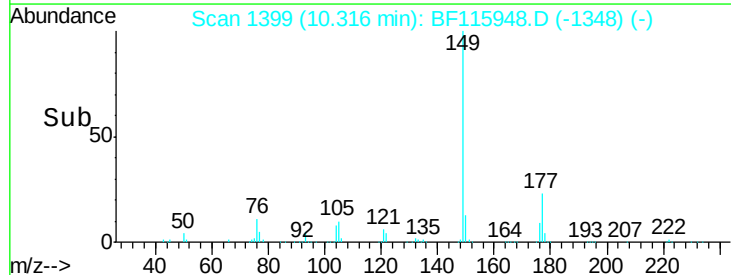


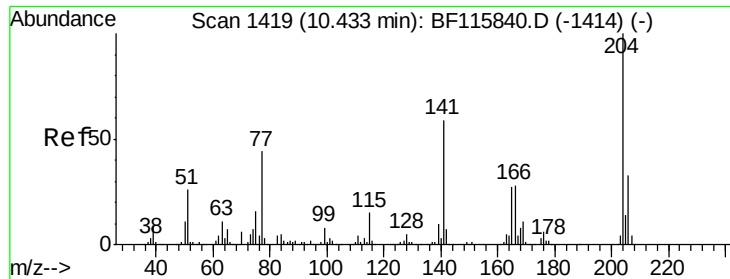
#60
Diethylphthalate
Concen: 43.210 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:149 Resp: 931951
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.8 10.1 15.1



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

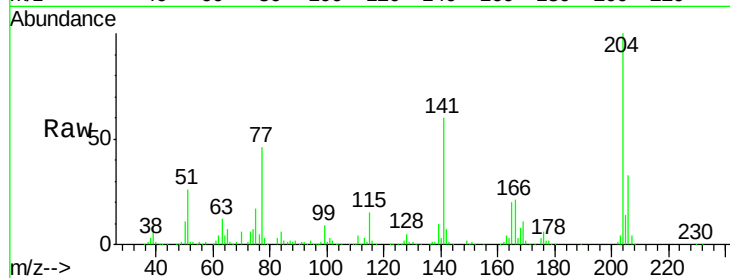




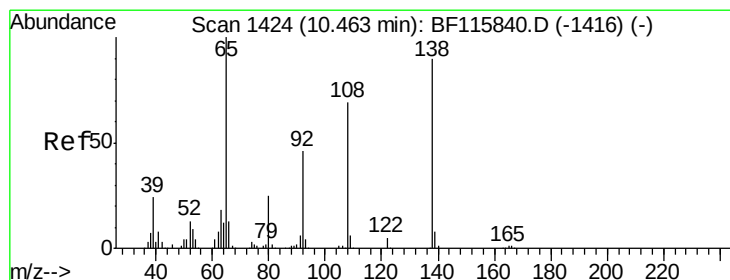
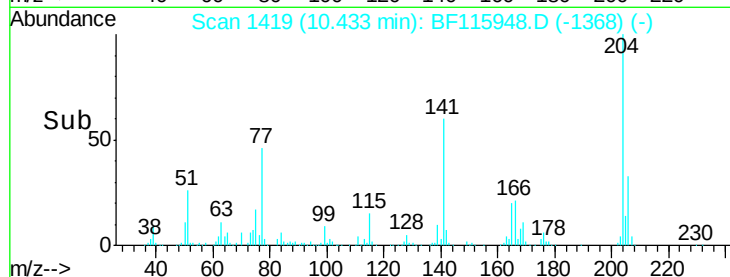
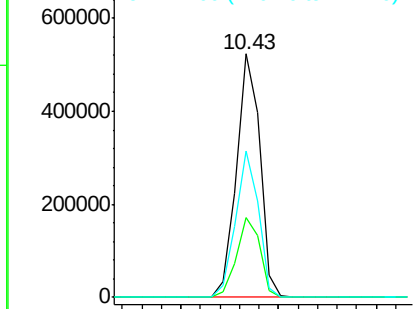
#61
4-Chlorophenyl-phenylether
Concen: 42.995 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 434722
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 60.3 47.0 70.4

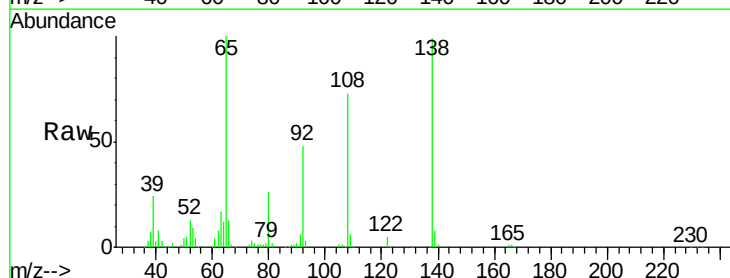


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

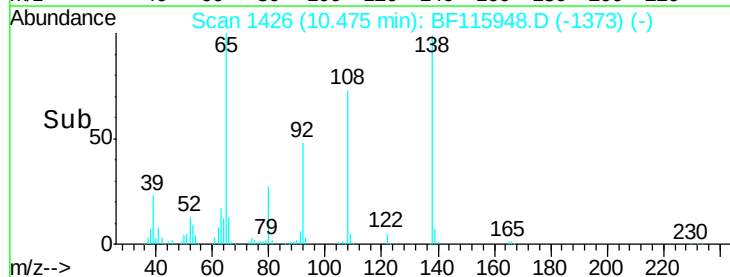
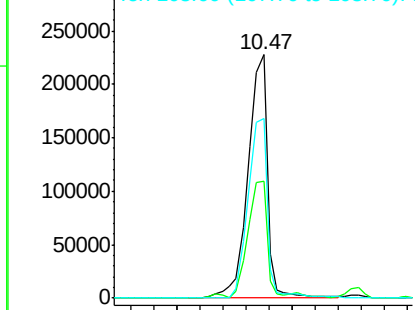


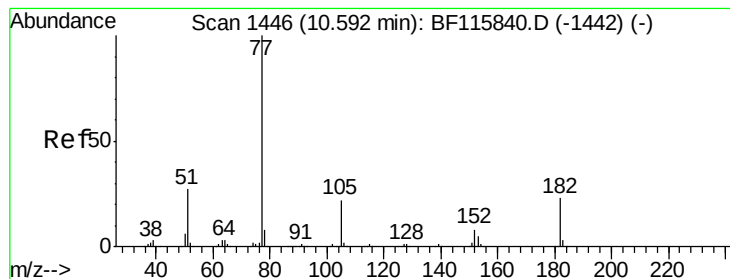
#62
4-Nitroaniline
Concen: 41.787 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:138 Resp: 267886
Ion Ratio Lower Upper
138 100
92 48.2 31.0 71.0
108 73.5 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: 43.030 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 954578

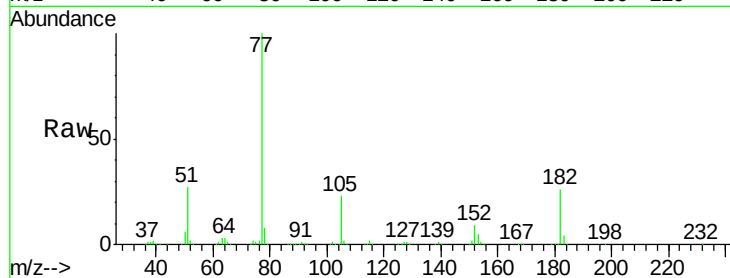
Ion Ratio Lower Upper

77 100

182 25.9 2.6 42.6

105 22.6 1.6 41.6

51 27.0 7.4 47.4

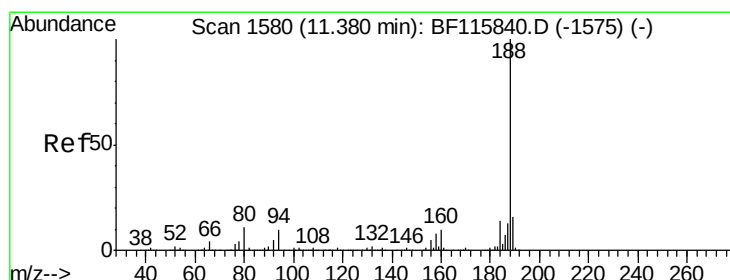
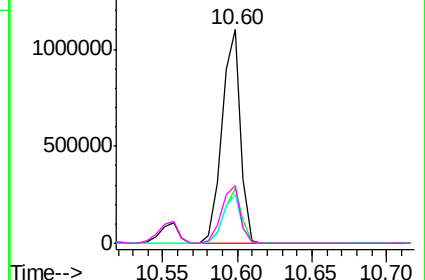
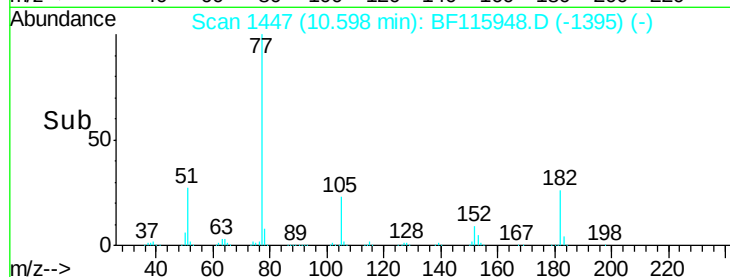


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

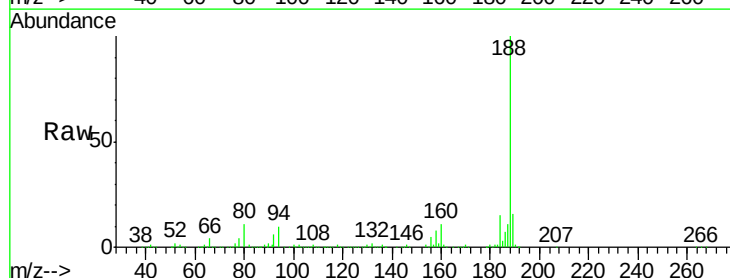
Tgt Ion: 188 Resp: 657565

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

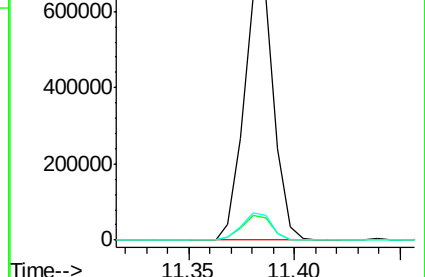
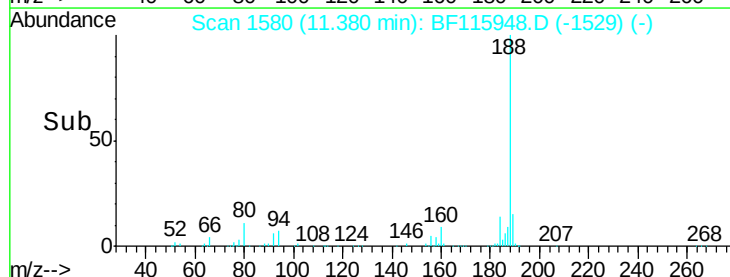
80 11.0 8.6 12.8

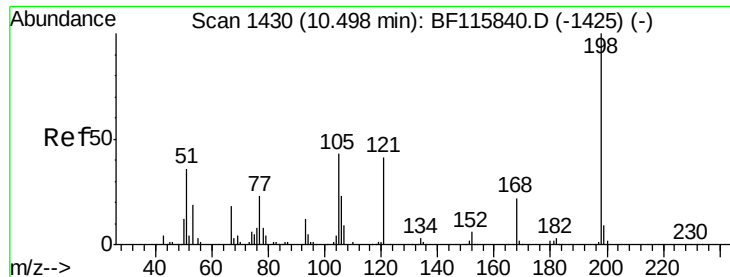


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

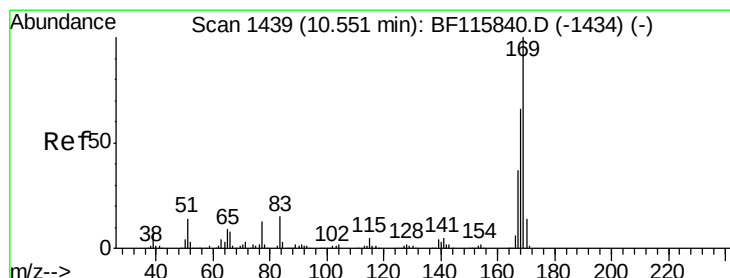
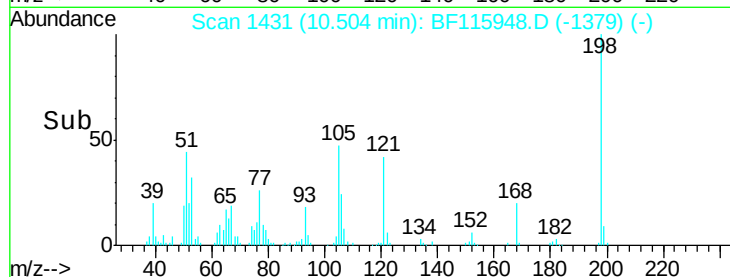
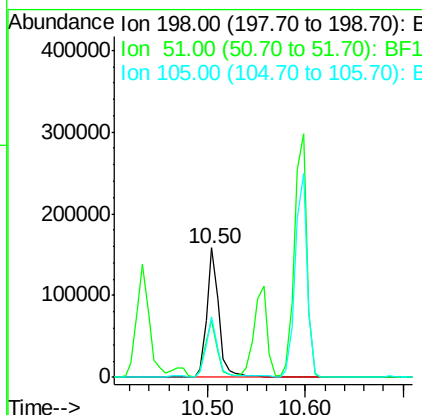
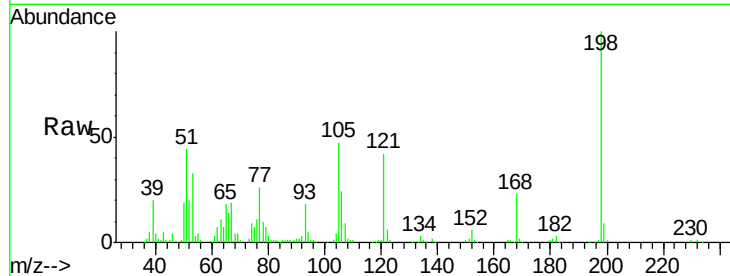




#65
4,6-Dinitro-2-methylphenol
Concen: 39.411 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

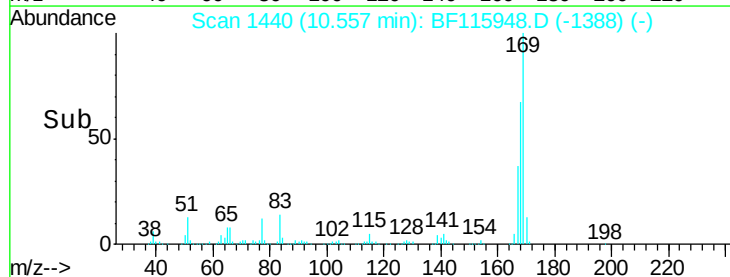
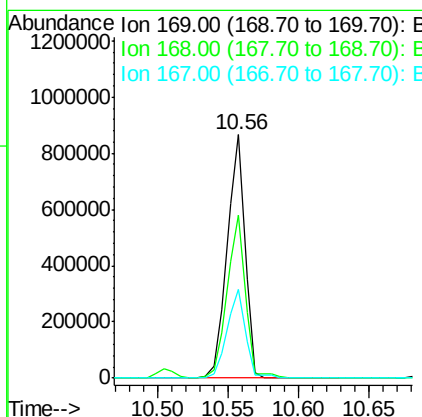
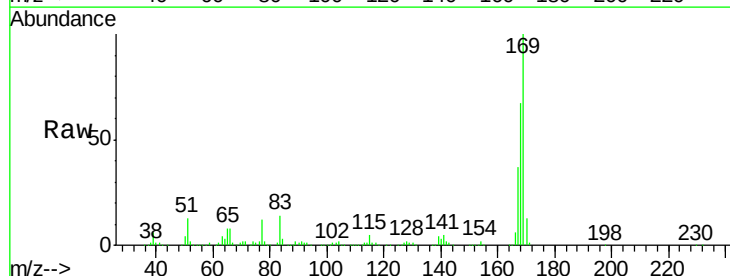
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

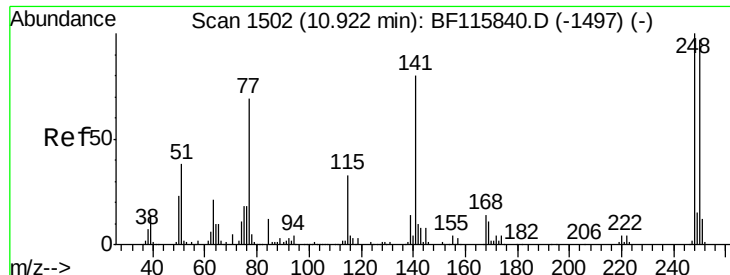
Tot Ion:198 Resp: 137334
Ion Ratio Lower Upper
198 100
51 44.2 21.1 61.1
105 46.9 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 38.460 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:169 Resp: 761207
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.6 29.9 44.9

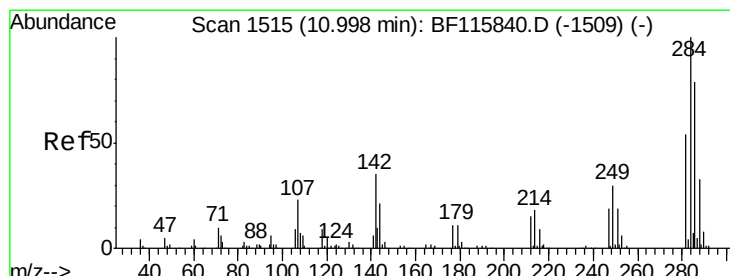
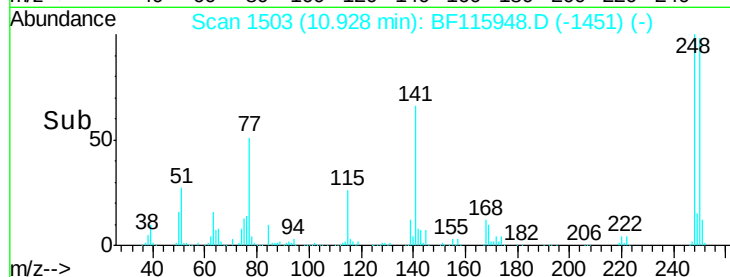
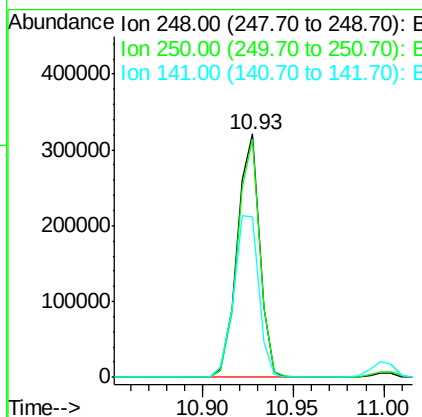
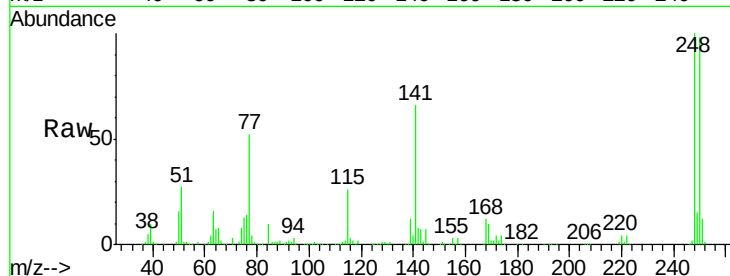




#67
4-Bromophenyl-phenylether
Concen: 39.361 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

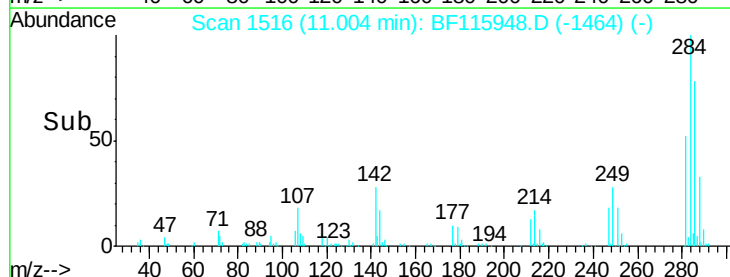
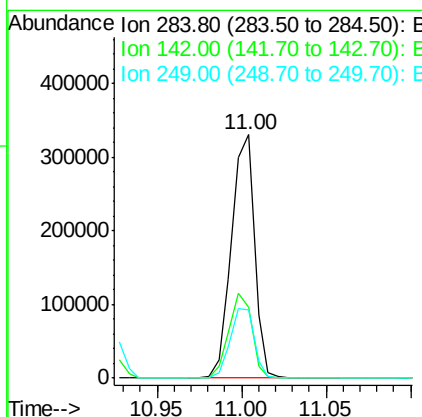
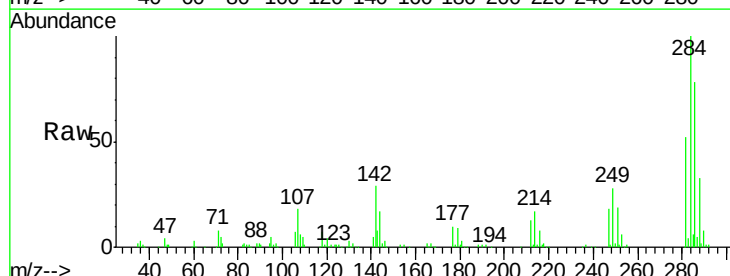
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

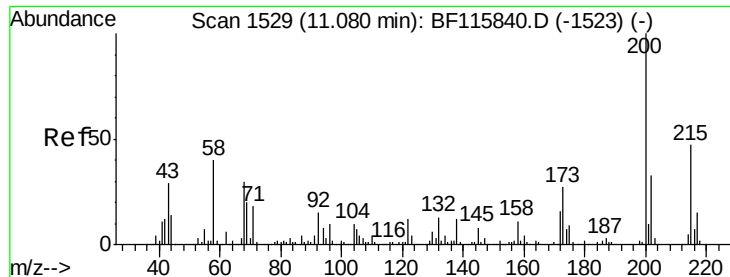
Tot Ion:248 Resp: 277073
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 65.9 64.3 96.5



#68
Hexachlorobenzene
Concen: 38.721 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:284 Resp: 315177
Ion Ratio Lower Upper
284 100
142 29.1 28.2 42.2
249 28.2 24.0 36.0





#69

Atrazine

Concen: 33.390 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

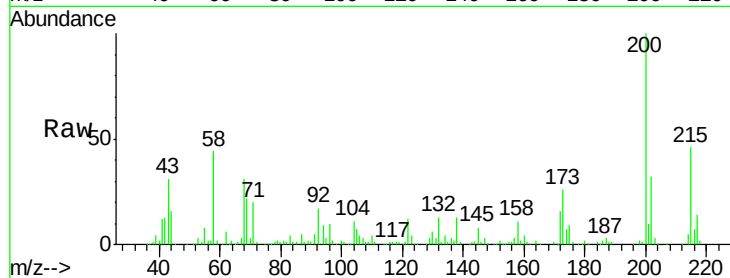
Tot Ion:200 Resp: 217412

Ion Ratio Lower Upper

200 100

173 26.3 7.3 47.3

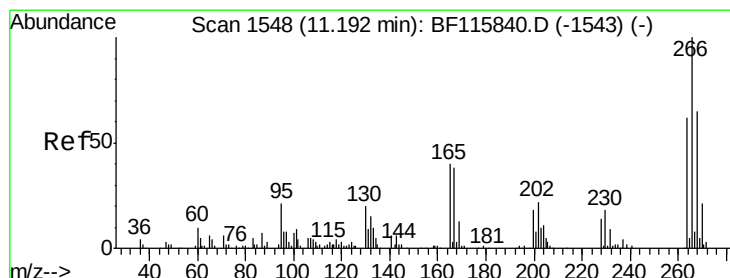
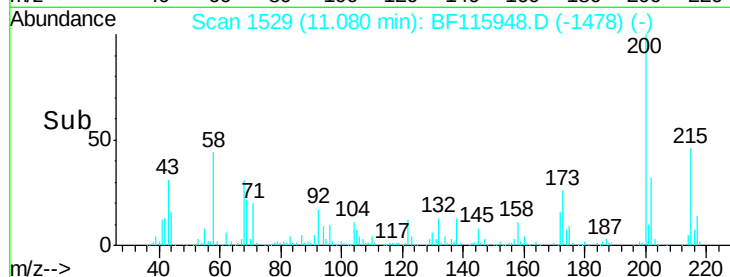
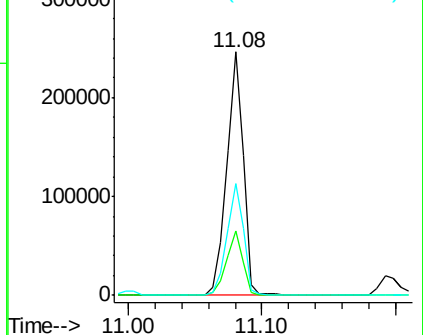
215 46.0 26.9 66.9



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: 36.281 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

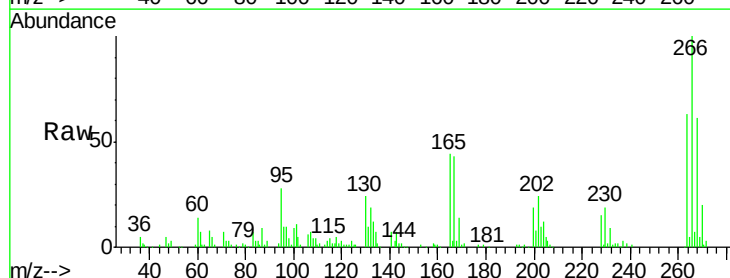
Tgt Ion:266 Resp: 143378

Ion Ratio Lower Upper

266 100

268 60.5 51.6 77.4

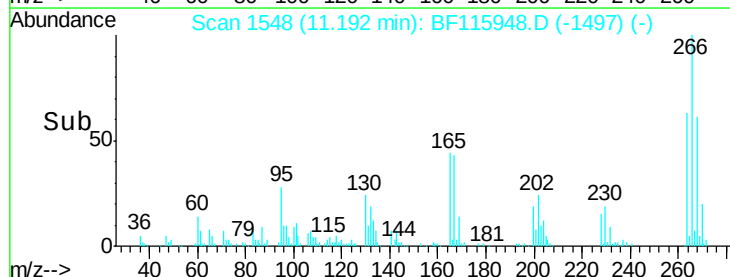
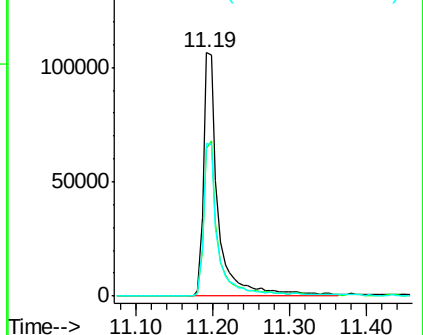
264 62.7 49.4 74.0

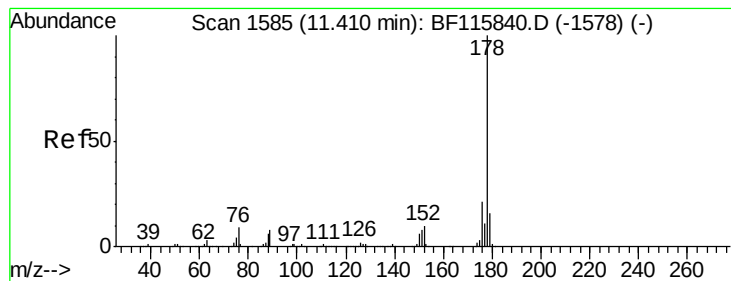


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.544 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

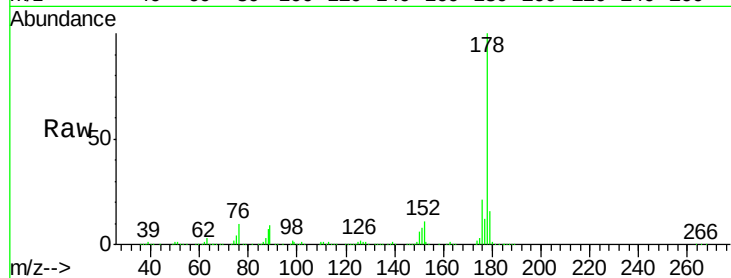
Tot Ion:178 Resp: 1295697

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	15.7	12.6	18.8

178 100

176 20.7 16.5 24.7

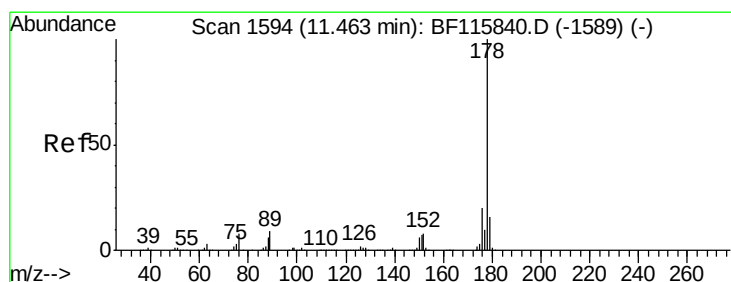
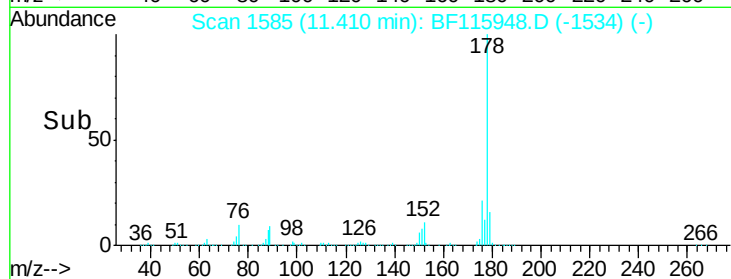
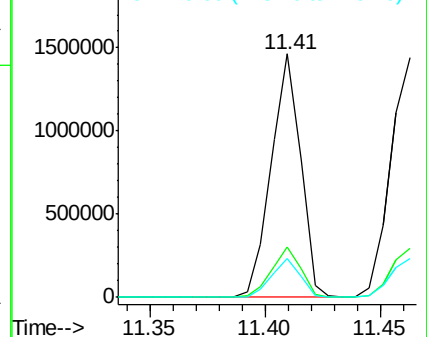
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.595 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

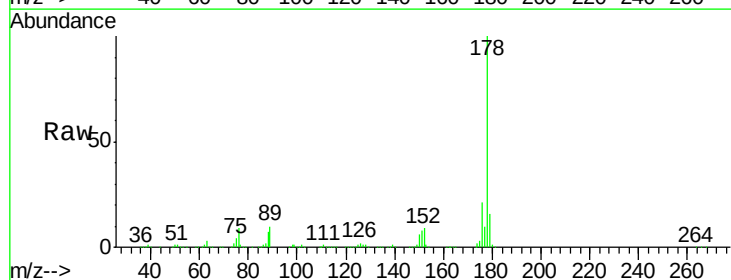
Tgt Ion:178 Resp: 1313040

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.2	12.4	18.6

178 100

176 20.6 15.7 23.5

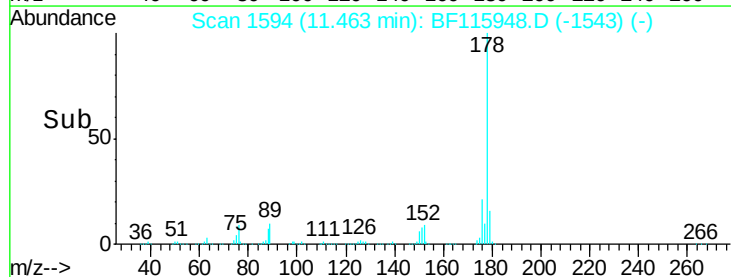
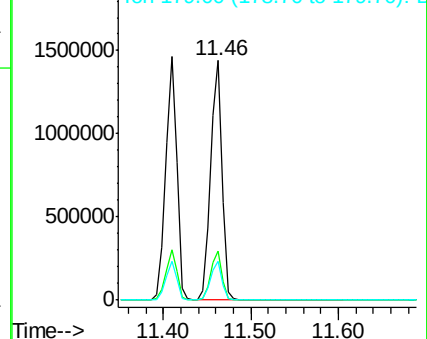
179 16.2 12.4 18.6

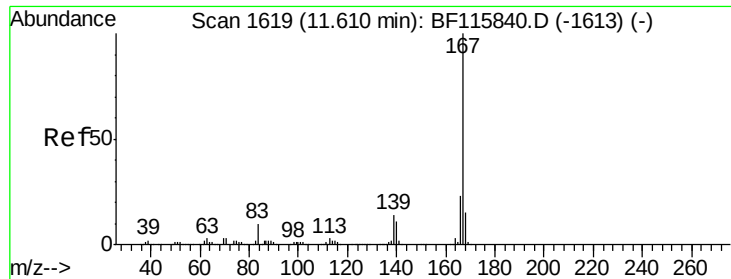


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

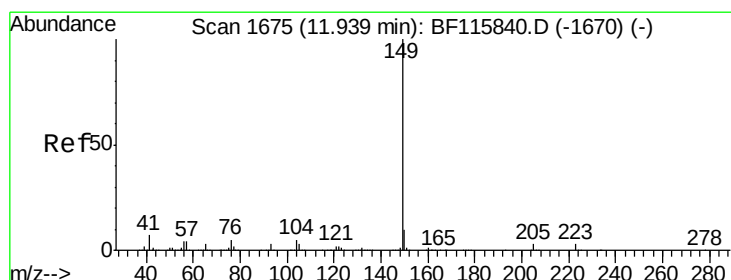
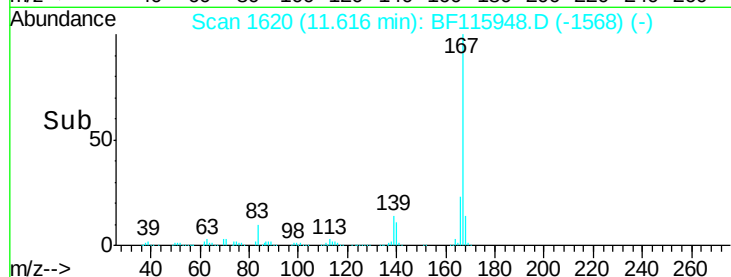
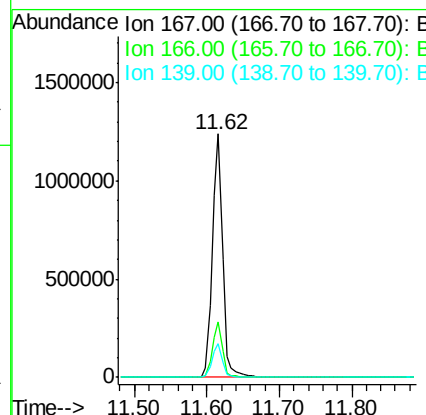
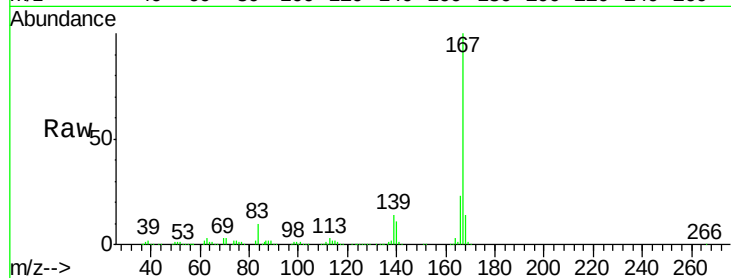




#73
 Carbazole
 Concen: 39.310 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

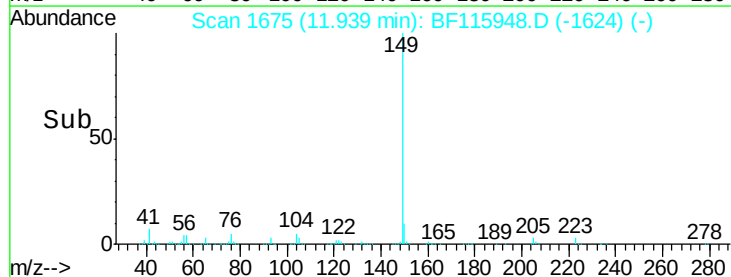
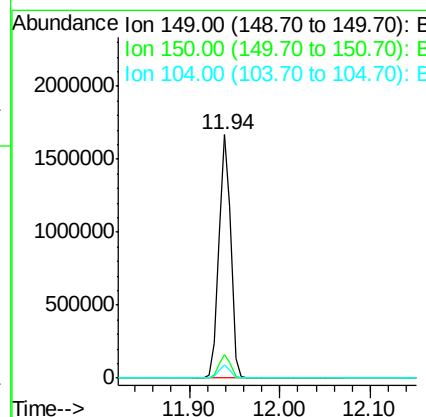
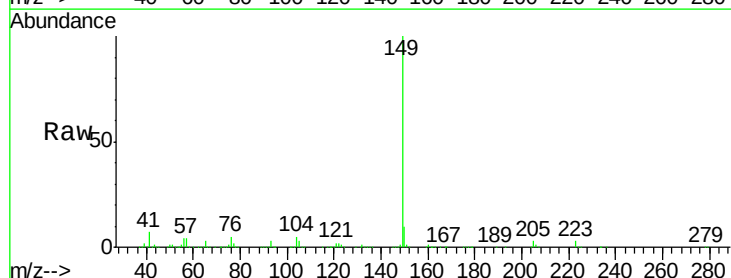
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

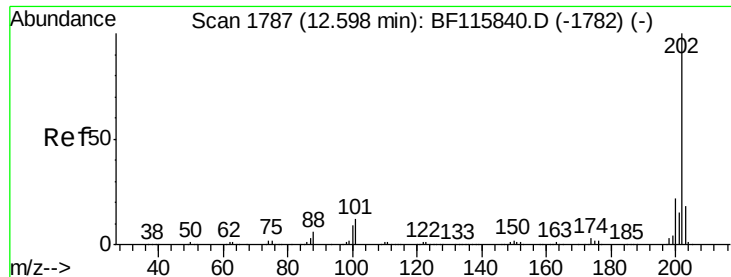
Tot Ion:167 Resp: 1213323
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.0 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 41.824 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion:149 Resp: 1505926
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.5 4.3 6.5

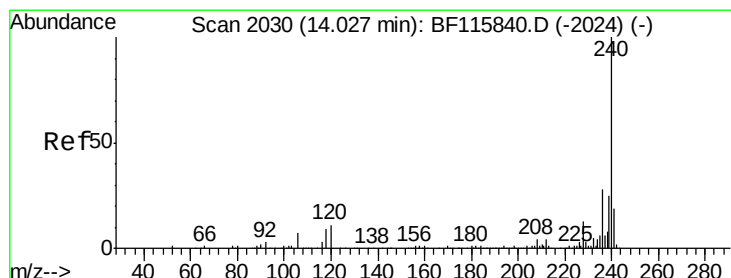
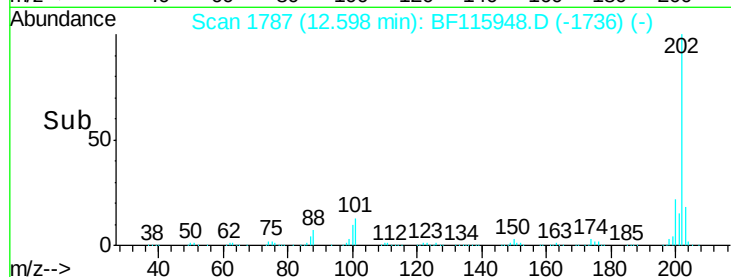
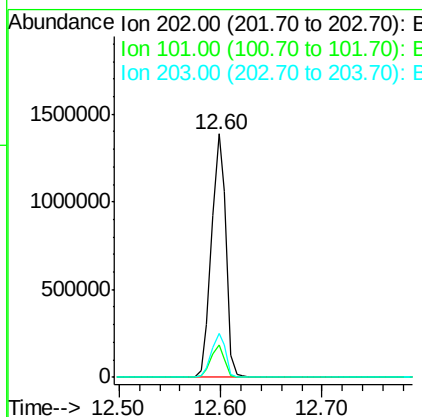
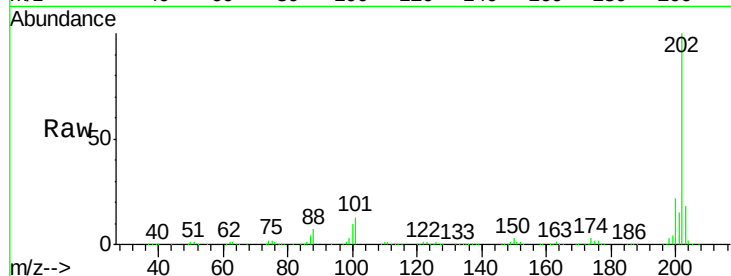




#75
 Fluoranthene
 Concen: 38.878 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

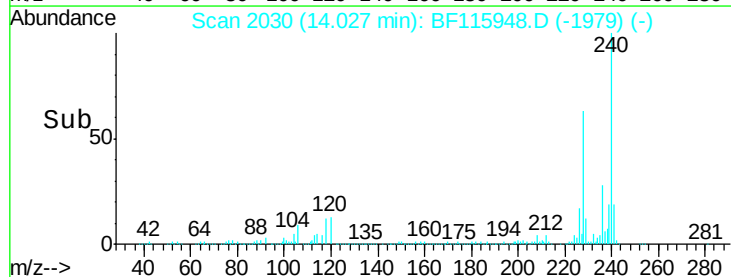
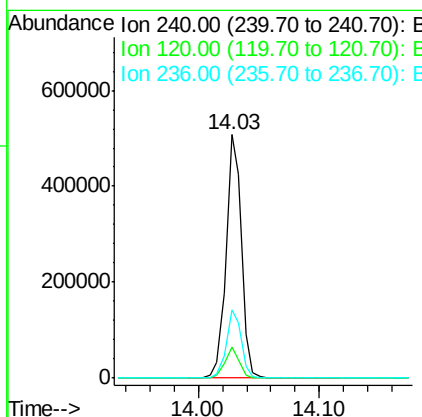
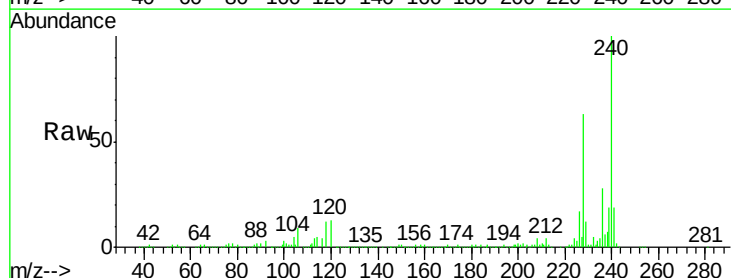
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

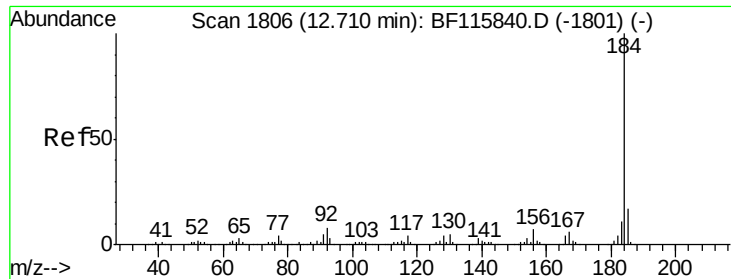
Tot Ion:202 Resp: 1368215
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.5
 203 18.3 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115948.D
 Acq: 2 Aug 2019 15:58

Tgt Ion:240 Resp: 446069
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.5 12.7#
 236 28.0 22.2 33.2





#77

Benzidine

Concen: 40.004 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

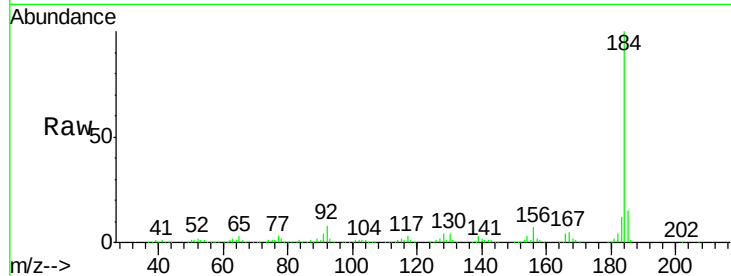
Tot Ion:184 Resp: 602862

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.2

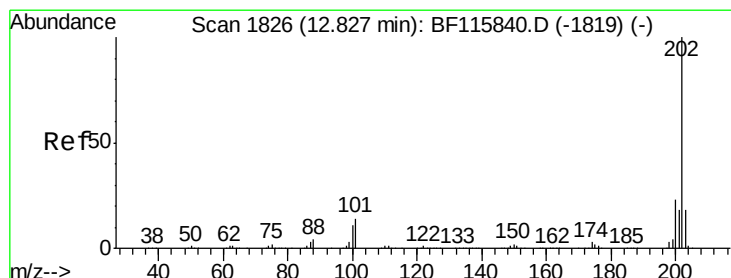
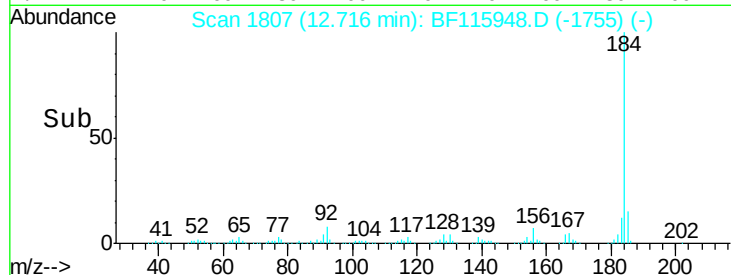
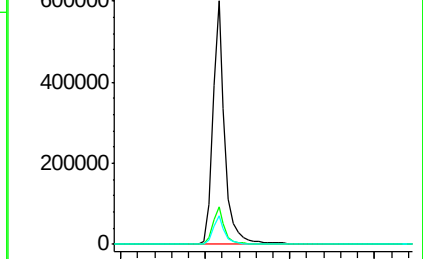
183 11.7 9.1 13.7



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: 41.715 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

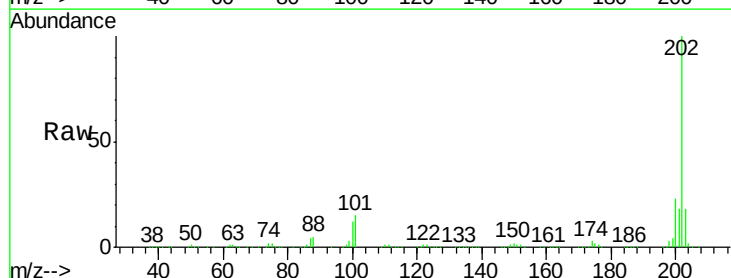
Tgt Ion:202 Resp: 1402678

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

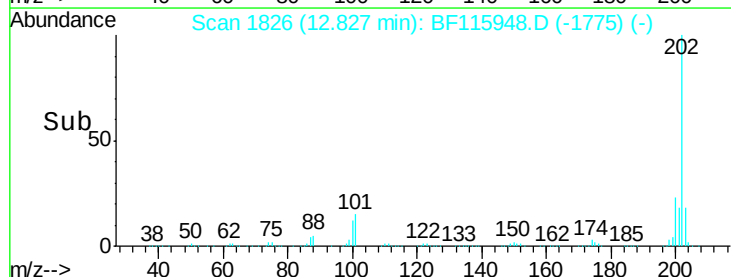
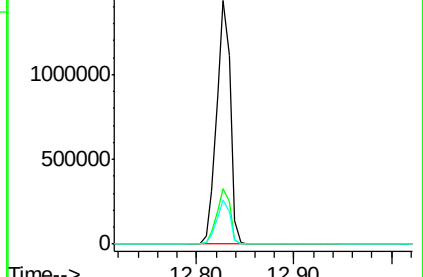
203 18.0 14.3 21.5

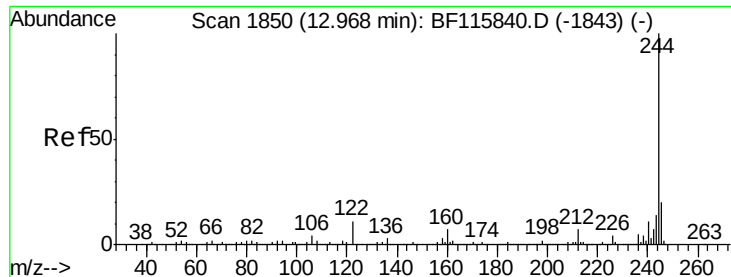


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.071 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

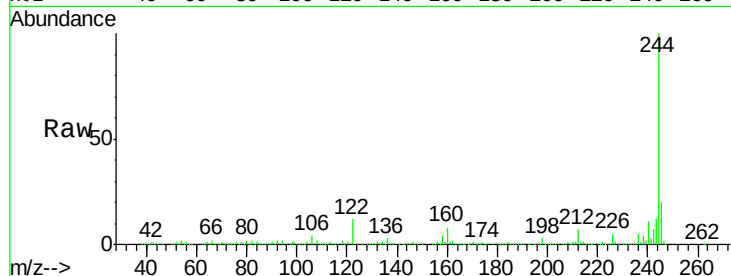
Tot Ion:244 Resp: 1758547

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

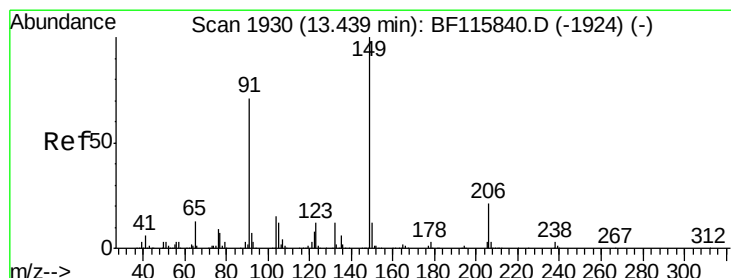
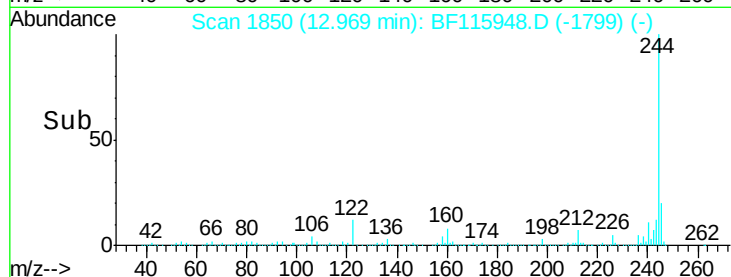
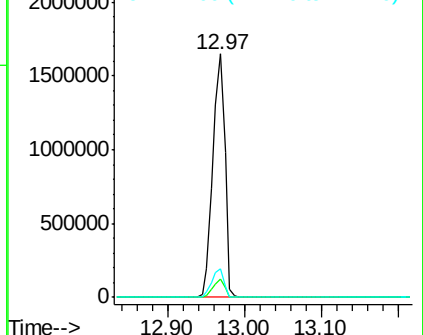
122 11.5 8.6 13.0



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: 44.870 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

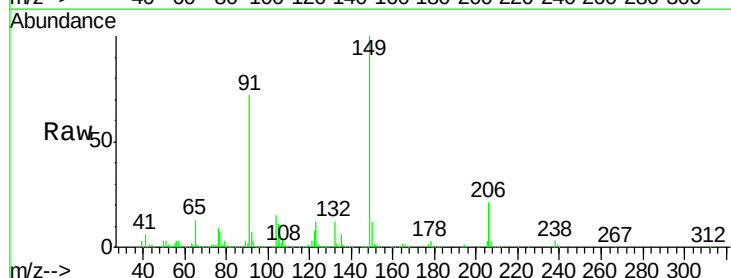
Tgt Ion:149 Resp: 638222

Ion Ratio Lower Upper

149 100

91 72.2 57.0 85.6

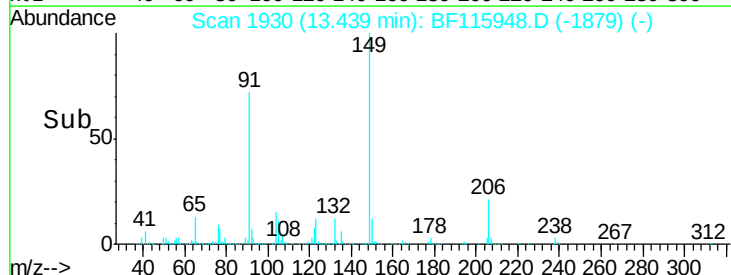
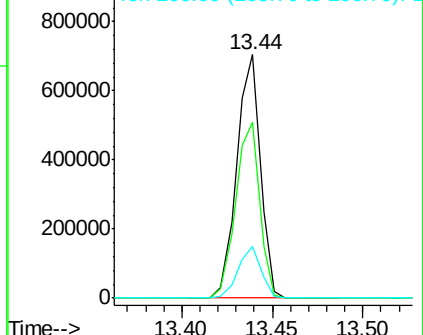
206 21.3 16.9 25.3

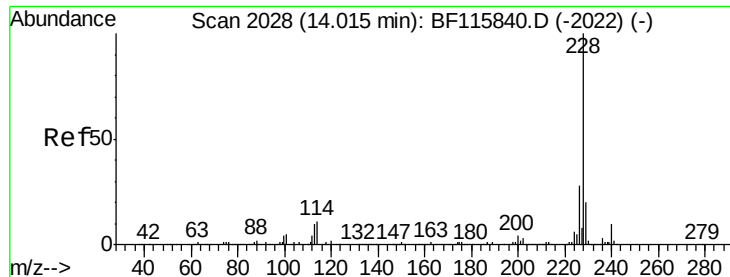


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.221 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

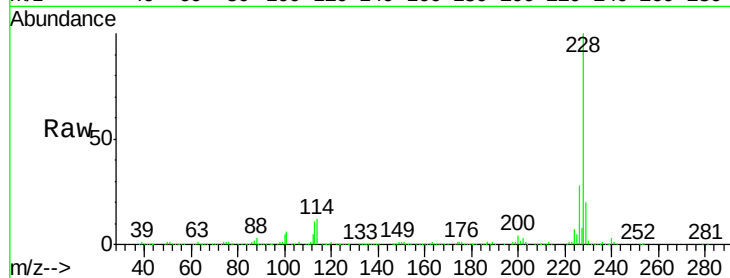
Tot Ion:228 Resp: 1146742

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.3	16.1	24.1

228 100

226 28.0 22.5 33.7

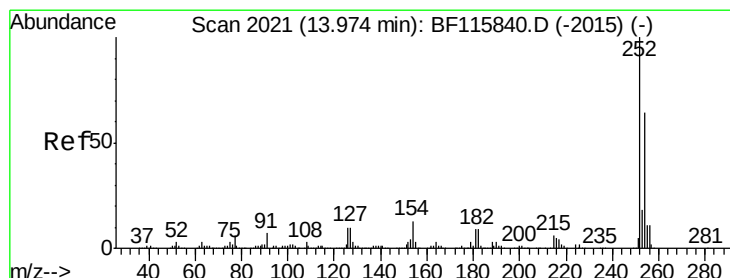
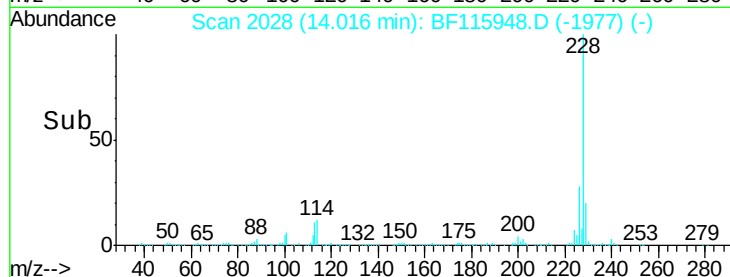
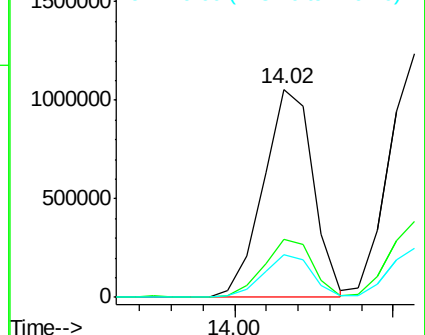
229 20.3 16.1 24.1



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: 40.198 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

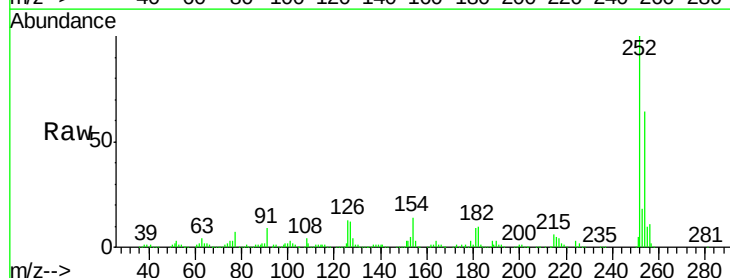
Tgt Ion:252 Resp: 398173

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.2	76.8
126	12.7	8.1	12.1

252 100

254 64.2 51.2 76.8

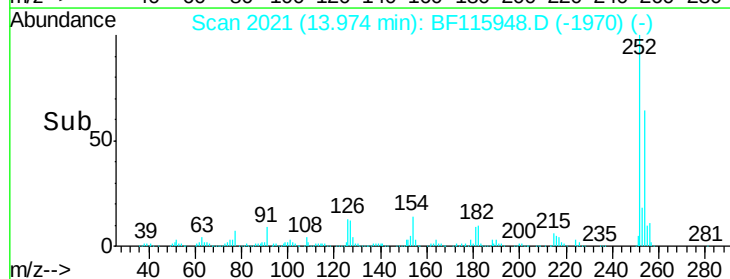
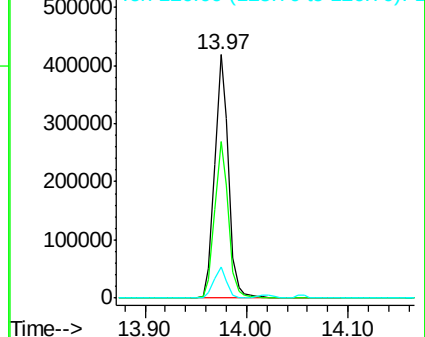
126 12.7 8.1 12.1

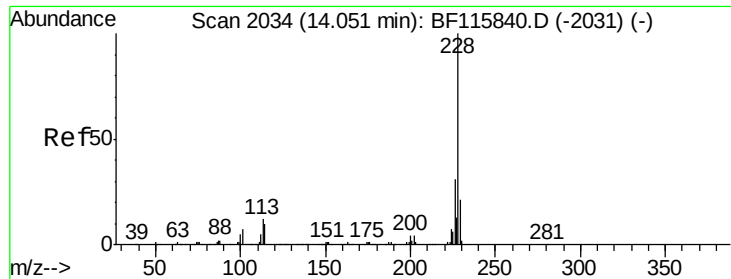


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.242 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

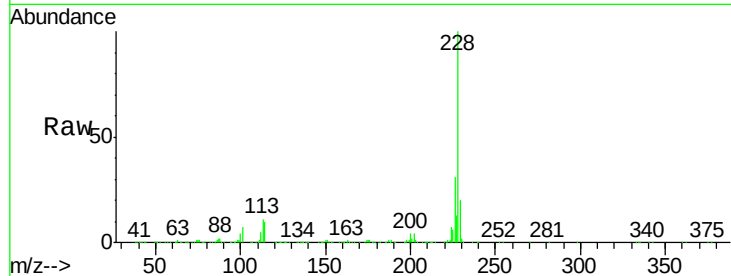
Tot Ion:228 Resp: 1113905

Ion Ratio Lower Upper

228 100

226 31.4 24.8 37.2

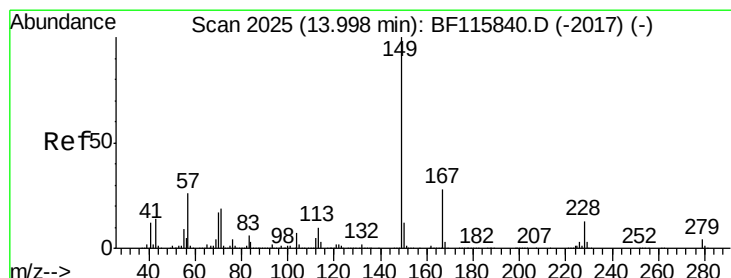
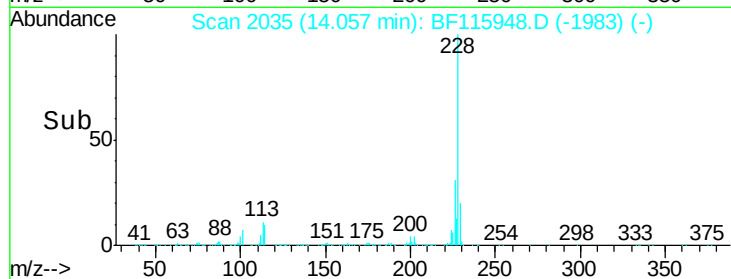
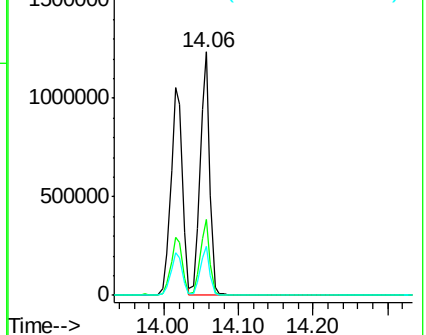
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.408 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

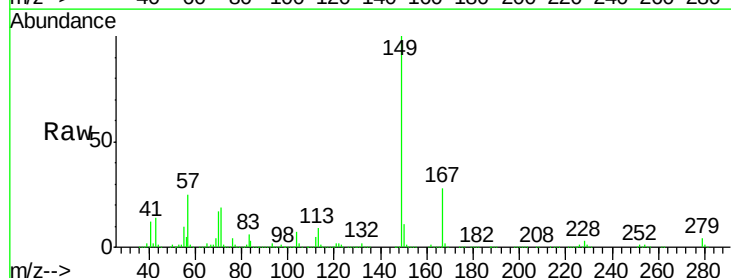
Tgt Ion:149 Resp: 876267

Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

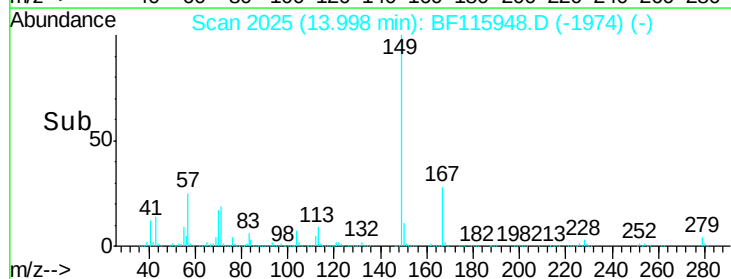
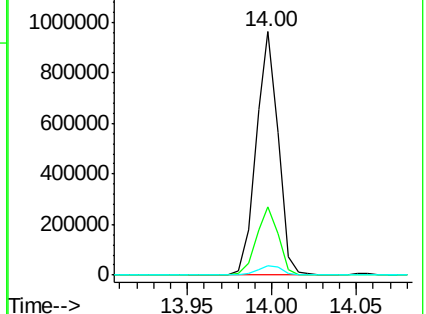
279 4.0 3.3 4.9

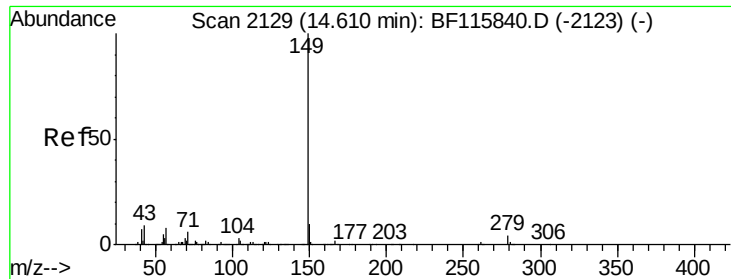


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

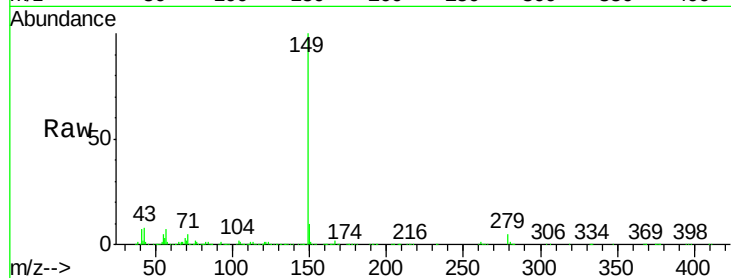




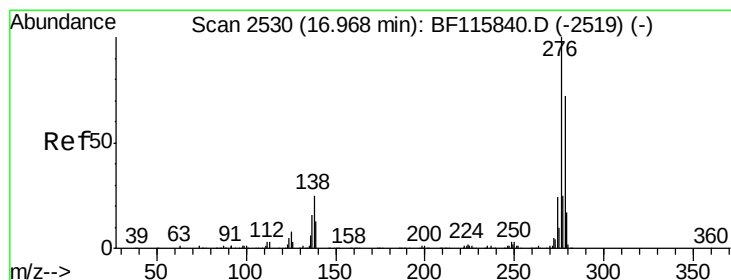
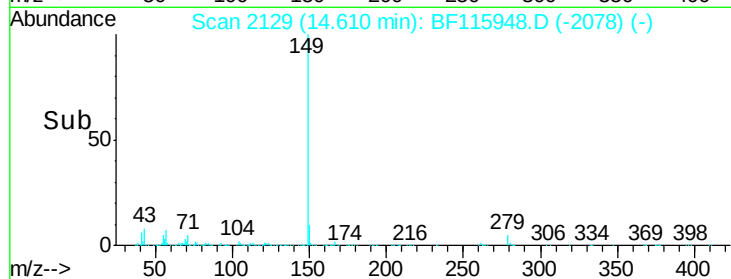
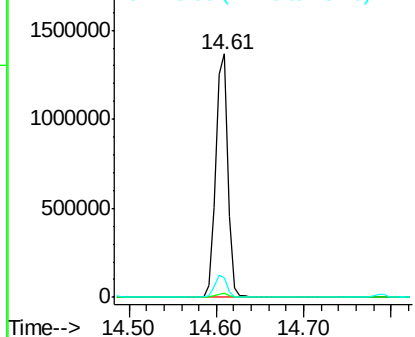
#85
Di-n-octyl phthalate
Concen: 44.896 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1318067
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 7.4 11.0

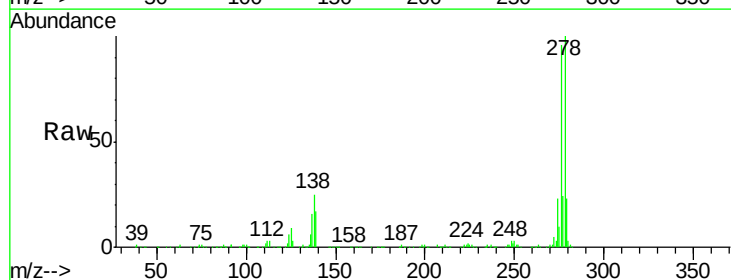


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

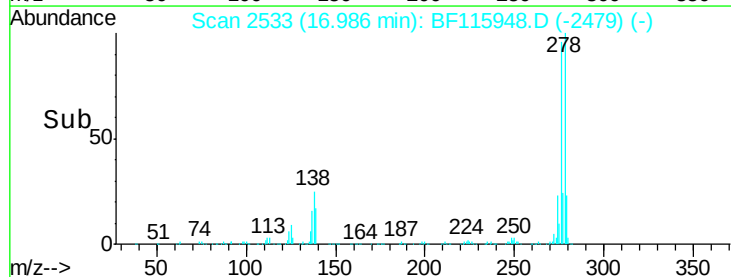
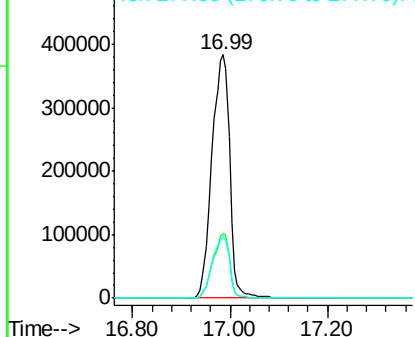


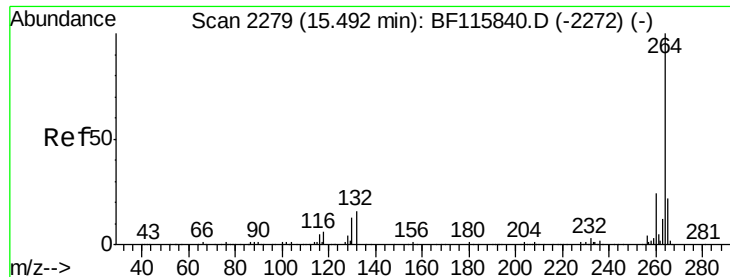
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.608 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:276 Resp: 967310
Ion Ratio Lower Upper
276 100
138 24.9 19.6 29.4
277 24.8 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: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

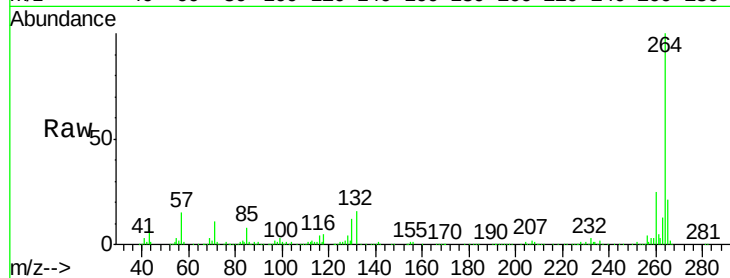
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 404901

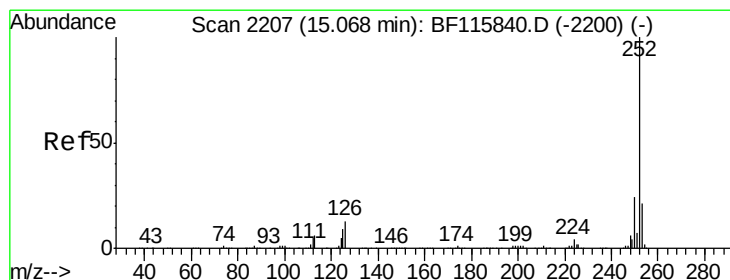
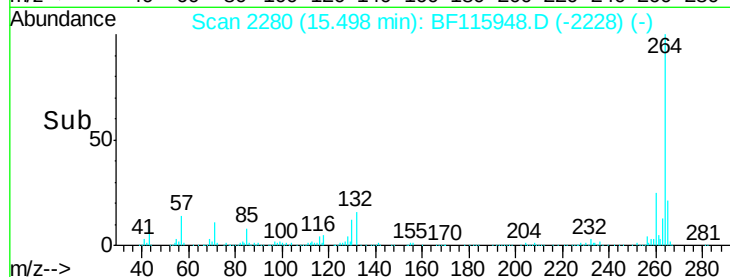
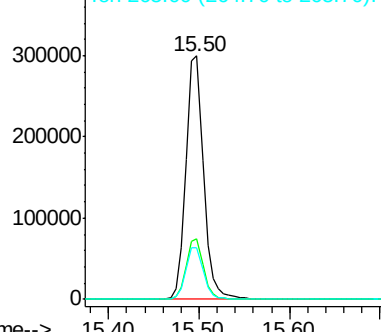
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.828 ng

RT: 15.07 min Scan# 2207

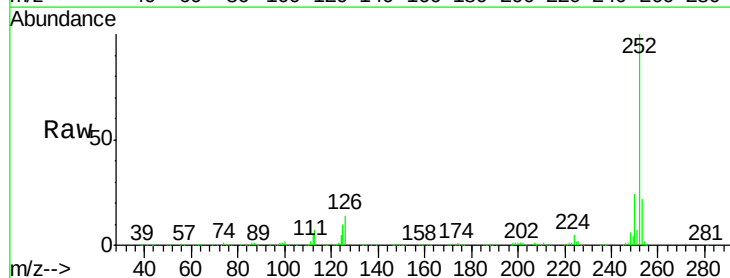
Delta R.T. 0.00 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Tgt Ion:252 Resp: 932453

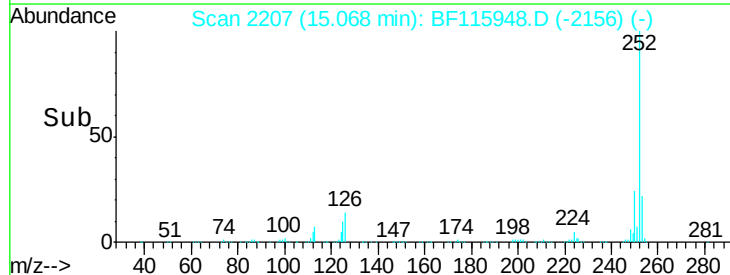
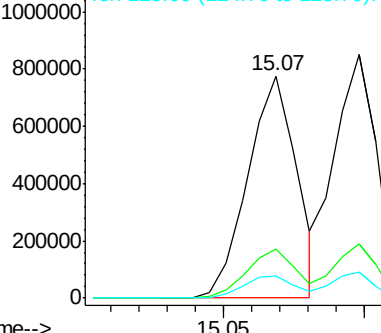
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	7.4	11.0

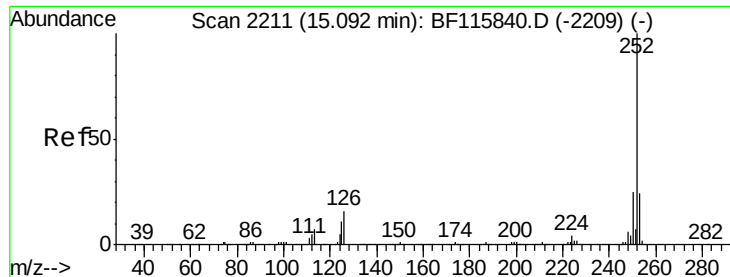


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

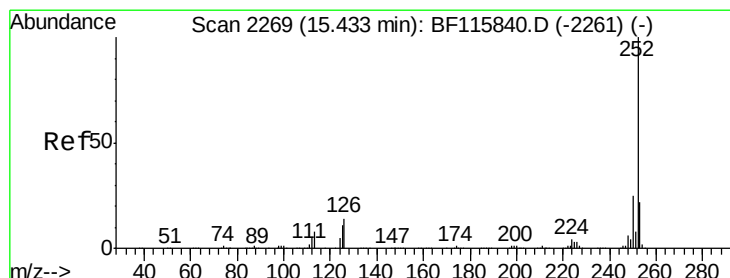
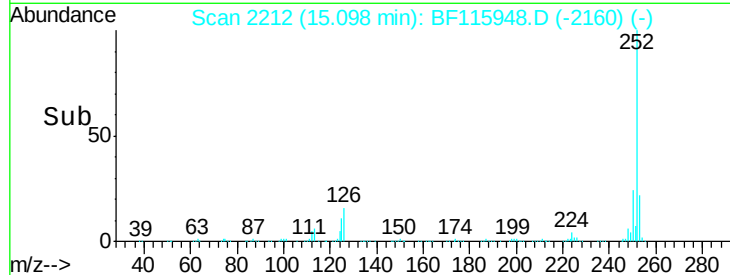
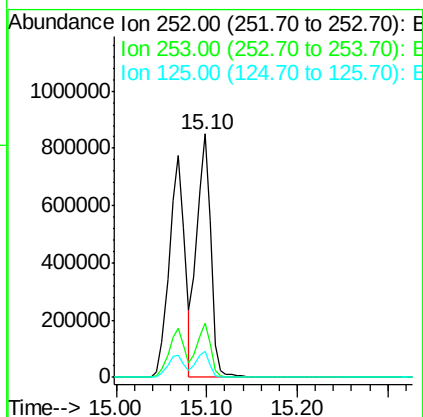
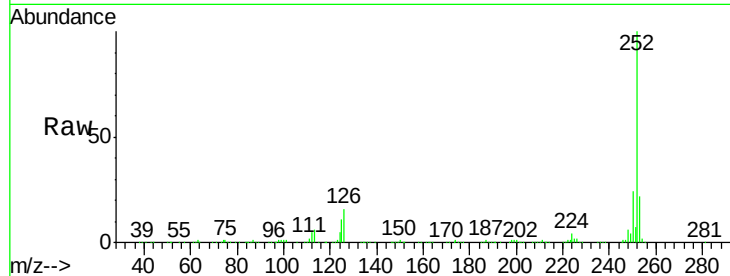




#89
Benzo(k)fluoranthene
Concen: 40.018 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

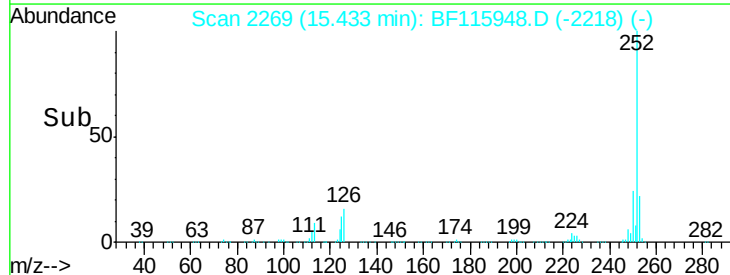
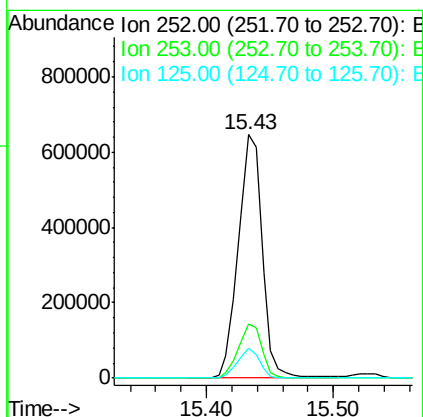
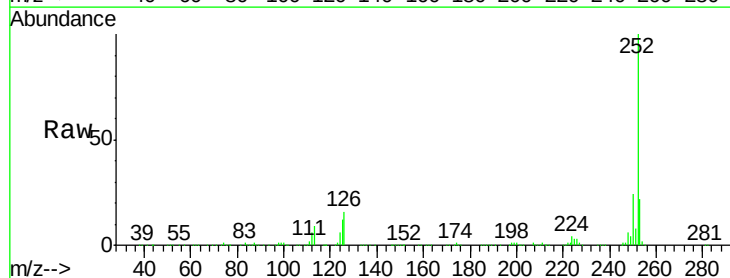
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

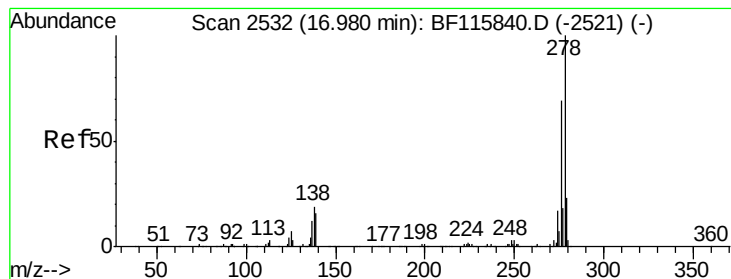
Tot Ion:252 Resp: 912539
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 10.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 40.238 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115948.D
Acq: 2 Aug 2019 15:58

Tgt Ion:252 Resp: 842127
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 12.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.595 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

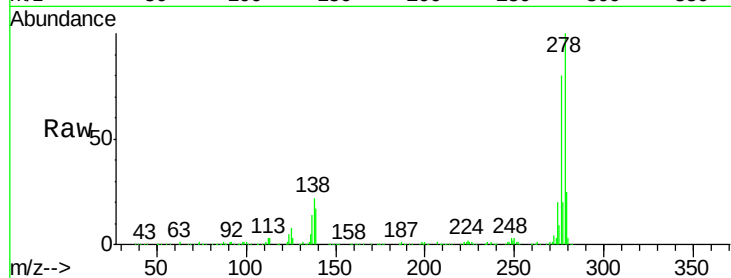
Tot Ion:278 Resp: 789756

Ion Ratio Lower Upper

278 100

139 16.8 12.6 19.0

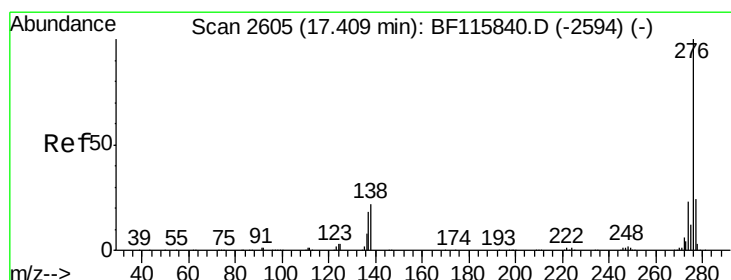
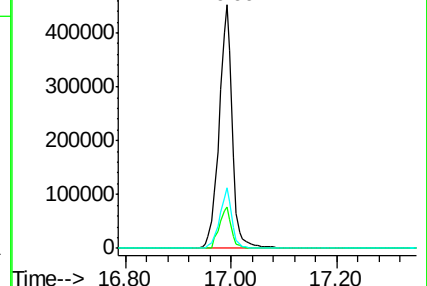
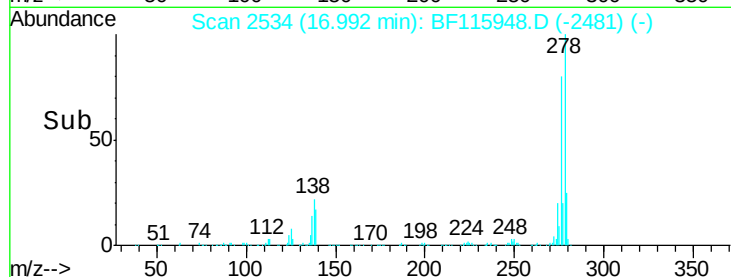
279 24.9 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.328 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF115948.D

Acq: 2 Aug 2019 15:58

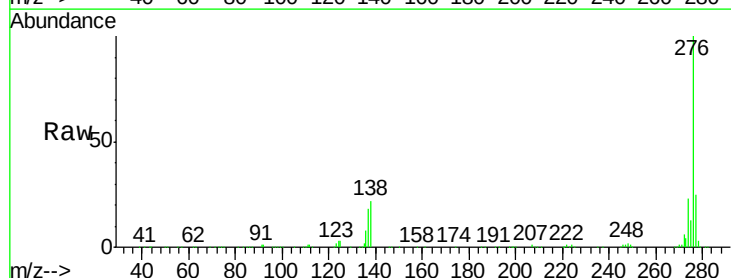
Tgt Ion:276 Resp: 788649

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 22.1 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

