

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
 Data File : BF116272.D
 Acq On : 15 Aug 2019 12:02
 Operator : HP/JU
 Sample : PB122215BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Quant Time: Aug 15 15:00:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	144703	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	605698	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	330677	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	560648	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	383821	20.00	ng	-0.03
87) Perylene-d12	15.43	264	322615	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1006756	116.47	ng	-0.01
7) Phenol-d6	6.46	99	1236165	113.35	ng	-0.02
23) Nitrobenzene-d5	7.39	82	835316	79.61	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	361338	112.71	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1435114	81.29	ng	-0.03
79) Terphenyl-d14	12.92	244	1527466	83.86	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	175628	40.219	ng	99
3) Pyridine	3.43	79	411206	33.710	ng	99
4) n-Nitrosodimethylamine	3.39	42	188606	39.180	ng	99
6) Aniline	6.49	93	458801	29.376	ng	# 90
8) 2-Chlorophenol	6.61	128	431276	45.120	ng	98
9) Benzaldehyde	6.37	77	157527	20.934	ng	97
10) Phenol	6.47	94	544003	42.359	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	432539	45.810	ng	99
12) 1,3-Dichlorobenzene	6.76	146	460686	41.704	ng	100
13) 1,4-Dichlorobenzene	6.83	146	466116	42.142	ng	99
14) 1,2-Dichlorobenzene	6.99	146	433390	42.554	ng	99
15) Benzyl Alcohol	6.97	79	344574	41.634	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546011	42.396	ng	88
17) 2-Methylphenol	7.08	107	364712	45.062	ng	97
18) Hexachloroethane	7.33	117	173437	42.590	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	297174	43.974	ng	97
20) 3+4-Methylphenols	7.23	107	438325	45.765	ng	99
22) Acetophenone	7.23	105	583693	43.940	ng	97
24) Nitrobenzene	7.40	77	487641	43.039	ng	99
25) Isophorone	7.64	82	896788	44.695	ng	99
26) 2-Nitrophenol	7.72	139	245044	45.881	ng	93
27) 2,4-Dimethylphenol	7.76	122	394960	49.154	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	554839	44.614	ng	99
29) 2,4-Dichlorophenol	7.96	162	385774	45.470	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	410582	42.455	ng	99
31) Naphthalene	8.12	128	1257848	44.131	ng	100
32) Benzoic acid	7.92	122	245979	43.420	ng	98
33) 4-Chloroaniline	8.17	127	353310	27.743	ng	98
34) Hexachlorobutadiene	8.24	225	232571	41.750	ng	99
35) Caprolactam	8.56	113	59051	21.520	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	403489	45.715	ng	99
37) 2-Methylnaphthalene	8.81	142	834520	44.456	ng	100
38) 1-Methylnaphthalene	8.91	142	778820	43.856	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	385937	43.656	ng	100

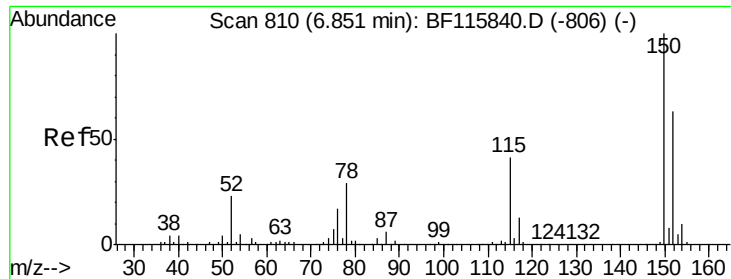
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	176034	46.994	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	253461	41.654	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	264167	41.998	ng	99
46) 1,1'-Biphenyl	9.27	154	1018077	43.609	ng	99
47) 2-Chloronaphthalene	9.30	162	806048	41.484	ng	99
48) 2-Nitroaniline	9.40	65	254631	39.647	ng	97
49) Acenaphthylene	9.72	152	1192237	42.058	ng	99
50) Dimethylphthalate	9.57	163	962420	42.745	ng	100
51) 2,6-Dinitrotoluene	9.65	165	211672	43.260	ng	96
52) Acenaphthene	9.89	154	731809	42.081	ng	99
53) 3-Nitroaniline	9.82	138	173160	28.641	ng	100
54) 2,4-Dinitrophenol	9.93	184	181919	73.773	ng	98
55) Dibenzofuran	10.06	168	1023459	40.468	ng	99
56) 4-Nitrophenol	10.00	139	269845	69.673	ng	90
57) 2,4-Dinitrotoluene	10.06	165	252662	38.784	ng	92
58) Fluorene	10.40	166	824748	42.386	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	219512	41.481	ng	97
60) Diethylphthalate	10.27	149	913664	43.464	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	425919	43.221	ng	97
62) 4-Nitroaniline	10.44	138	211038	33.776	ng	96
63) Azobenzene	10.55	77	946525	43.777	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	139343	46.900	ng	96
66) n-Nitrosodiphenylamine	10.51	169	760915	45.091	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	265762	44.281	ng	97
68) Hexachlorobenzene	10.96	284	291743	42.038	ng	98
69) Atrazine	11.04	200	233974	42.146	ng	99
70) Pentachlorophenol	11.16	266	259635	77.057	ng	98
71) Phenanthrene	11.36	178	1218104	42.500	ng	100
72) Anthracene	11.42	178	1264182	43.582	ng	99
73) Carbazole	11.57	167	1122230	42.644	ng	99
74) Di-n-butylphthalate	11.89	149	1406849	45.827	ng	99
75) Fluoranthene	12.55	202	1259639	41.980	ng	96
77) Benzidine	12.67	184	389597	30.045	ng	98
78) Pyrene	12.78	202	1279117	44.210	ng	98
80) Butylbenzylphthalate	13.39	149	592162	48.384	ng	98
81) Benzo(a)anthracene	13.97	228	1056277	43.056	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	330889	38.823	ng	99
83) Chrysene	14.01	228	1029655	43.232	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	843308	53.024	ng	98
85) Di-n-octyl phthalate	14.55	149	1333975	52.806	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	871207	43.552	ng	100
88) Benzo(b)fluoranthene	15.02	252	929962	49.853	ng	100
89) Benzo(k)fluoranthene	15.04	252	907470	49.946	ng	99
90) Benzo(a)pyrene	15.37	252	860018	51.575	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	734855	50.911	ng	100
92) Benzo(g,h,i)perylene	17.33	276	721082	50.867	ng	97

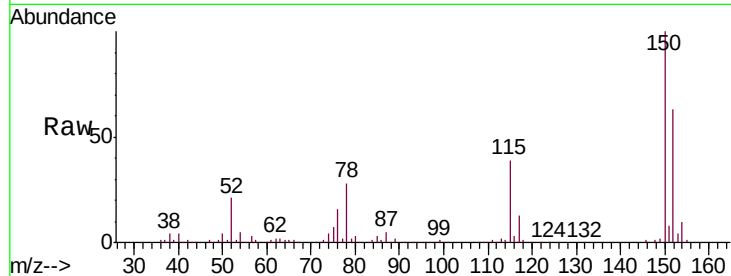
(#) = qualifier out of range (m) = manual integration (+) = signals summed



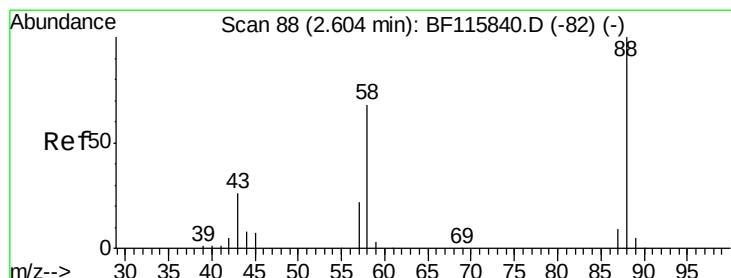
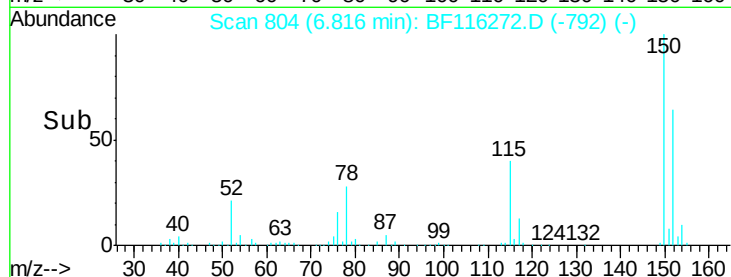
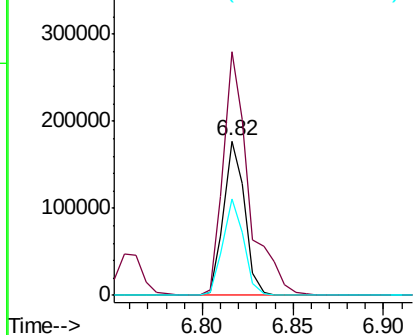
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tgt Ion: 152 Resp: 144703
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 62.2 49.9 74.9

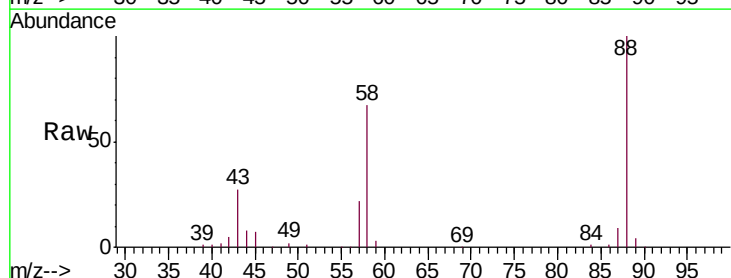


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

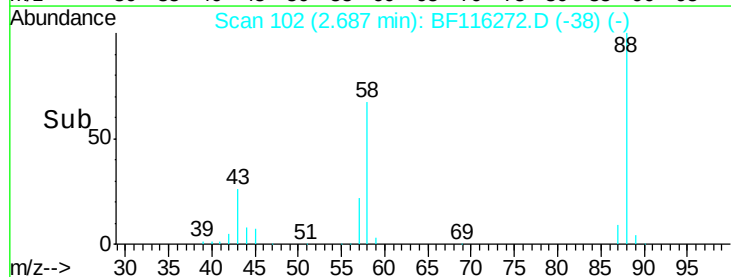
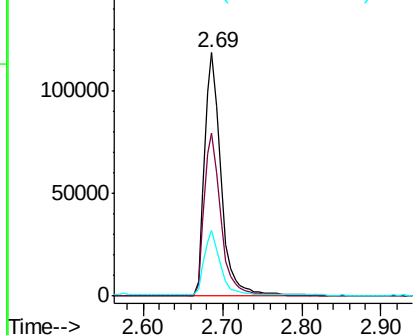


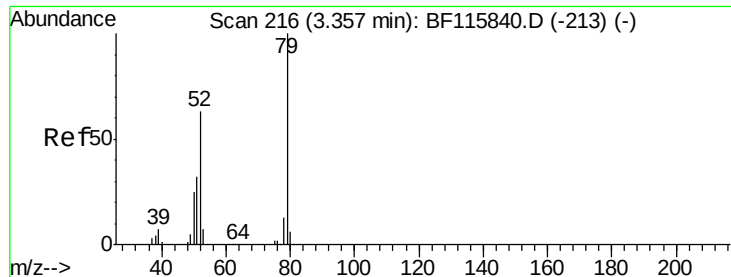
#2
 1,4-Dioxane
 Concen: 40.219 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.08 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion: 88 Resp: 175628
 Ion Ratio Lower Upper
 88 100
 58 67.2 53.7 80.5
 43 25.2 21.0 31.4



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





#3

Pyridine

Concen: 33.710 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.07 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

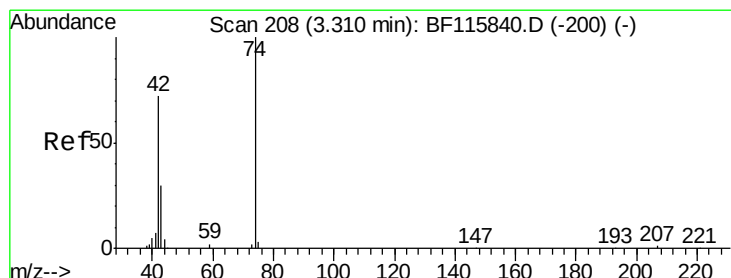
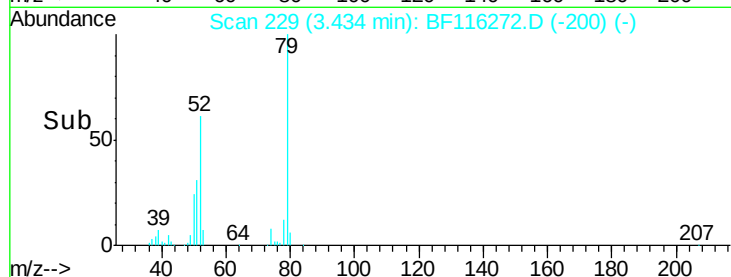
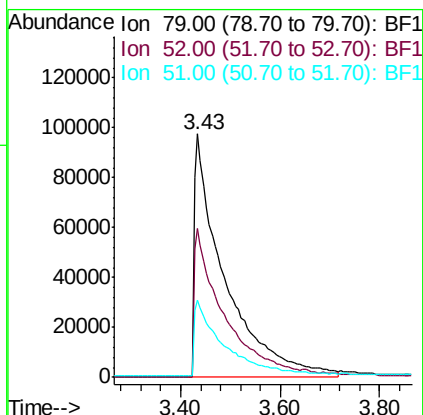
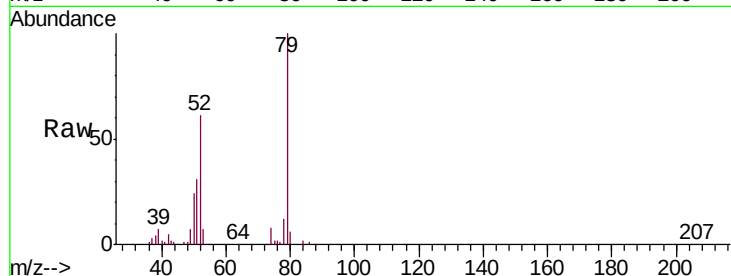
Tgt Ion: 79 Resp: 411206

Ion Ratio Lower Upper

79 100

52 60.9 49.8 74.8

51 31.5 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 39.180 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

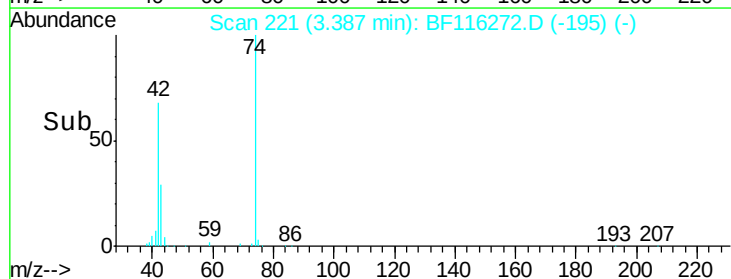
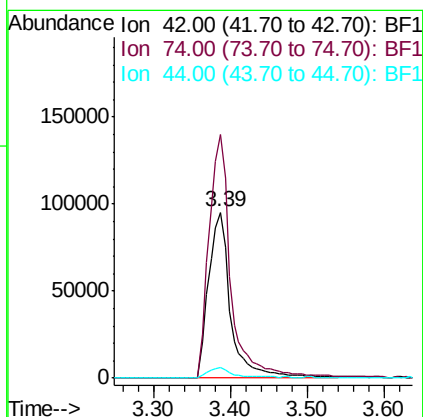
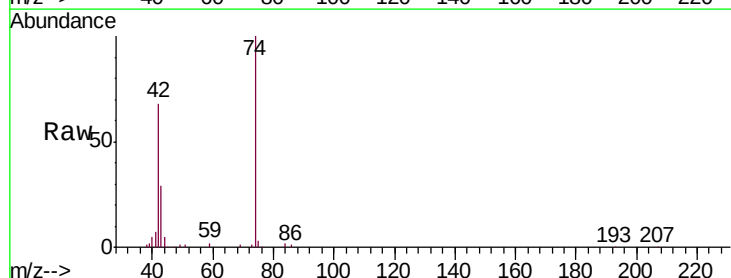
Tgt Ion: 42 Resp: 188606

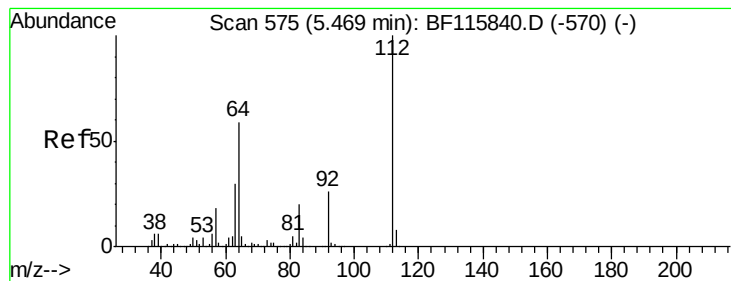
Ion Ratio Lower Upper

42 100

74 146.6 116.0 174.0

44 6.8 4.6 7.0





#5

2-Fluorophenol

Concen: 116.471 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

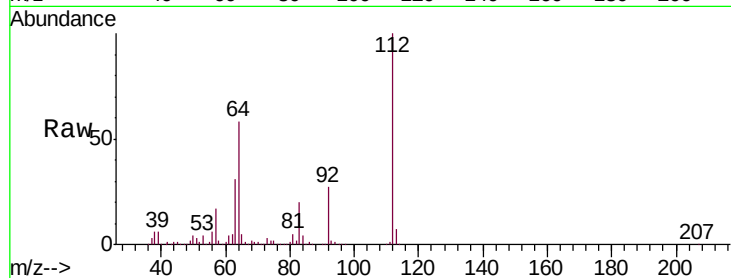
Tgt Ion:112 Resp: 1006756

Ion Ratio Lower Upper

112 100

64 58.4 45.4 68.2

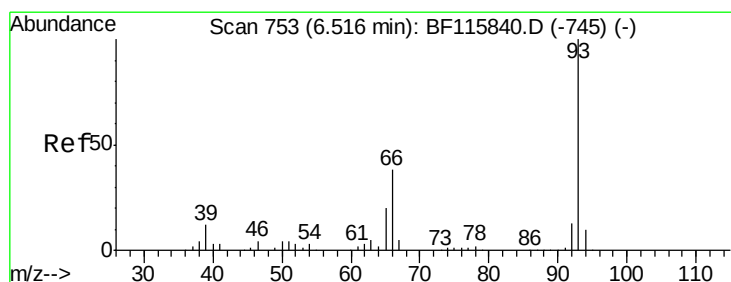
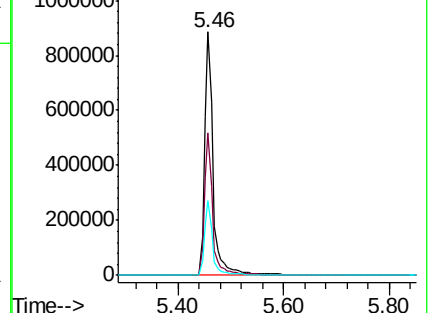
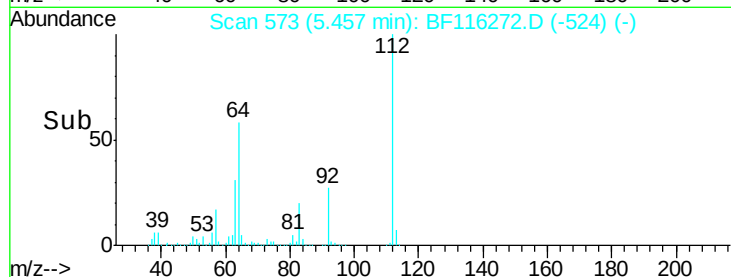
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.376 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

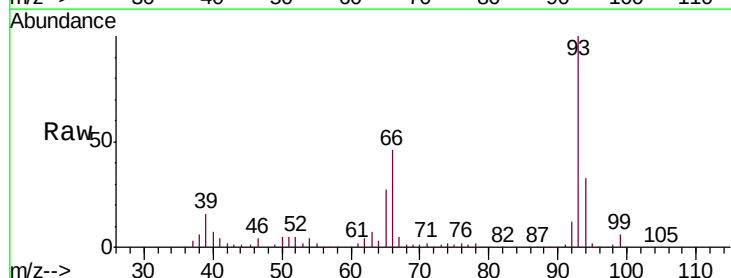
Tgt Ion: 93 Resp: 458801

Ion Ratio Lower Upper

93 100

66 46.4 32.2 48.4

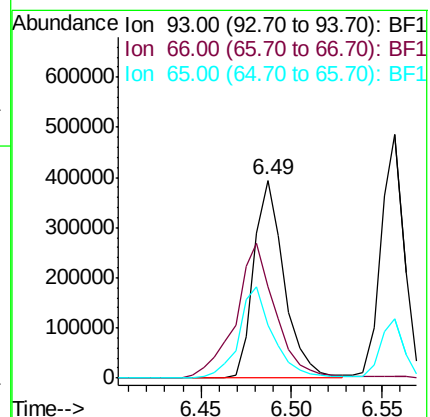
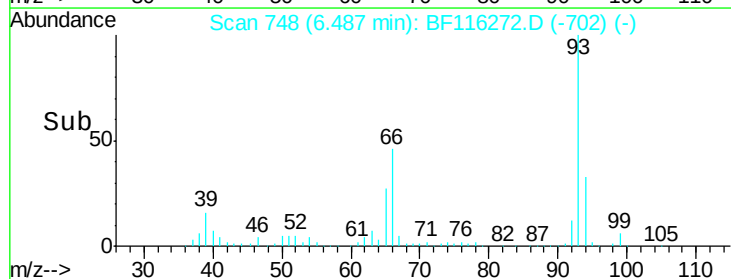
65 26.8 17.0 25.6#

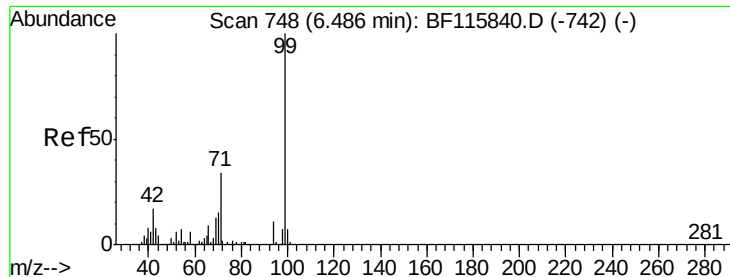


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.350 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

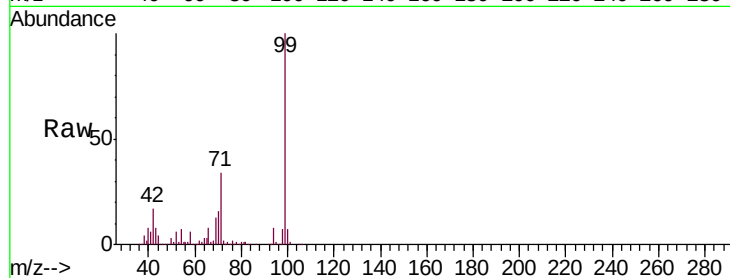
Tgt Ion: 99 Resp: 1236165

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

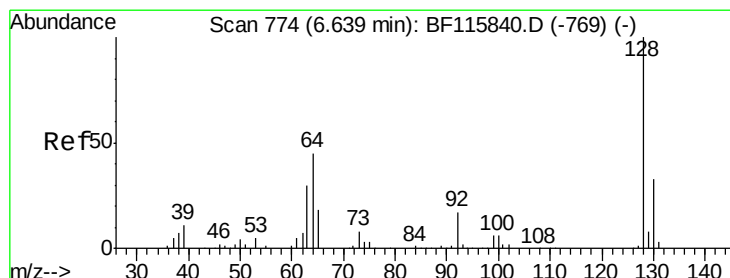
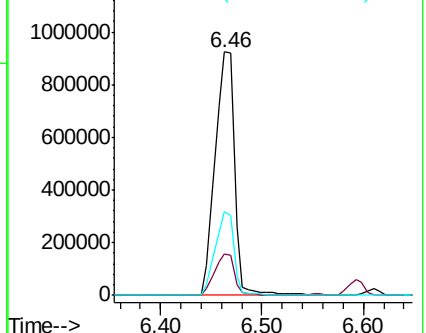
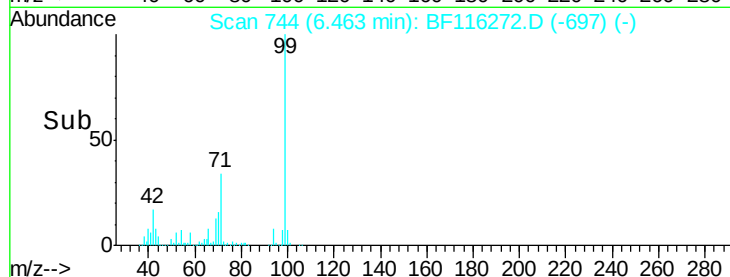
71 34.2 27.3 40.9



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: 45.120 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

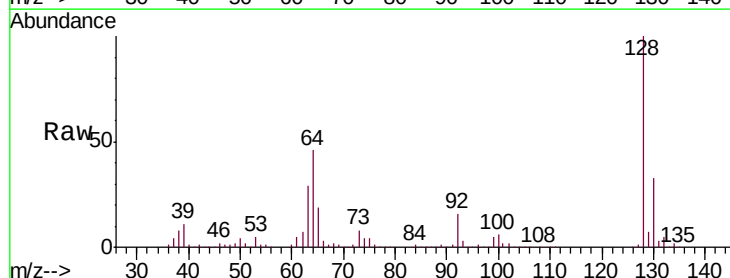
Tgt Ion: 128 Resp: 431276

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

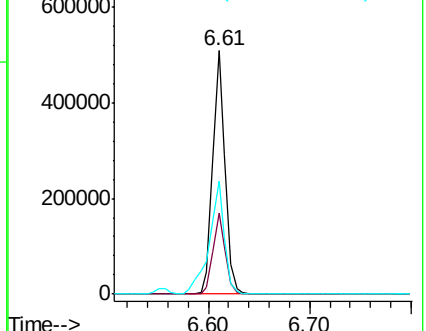
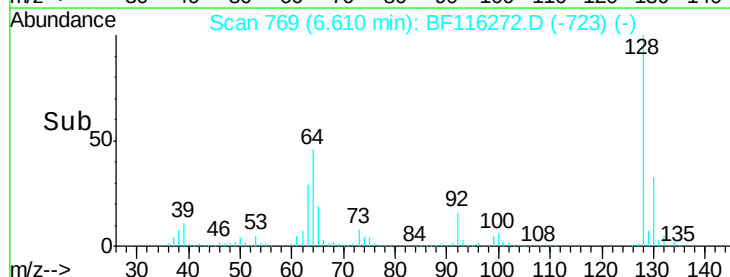
64 46.2 24.3 64.3

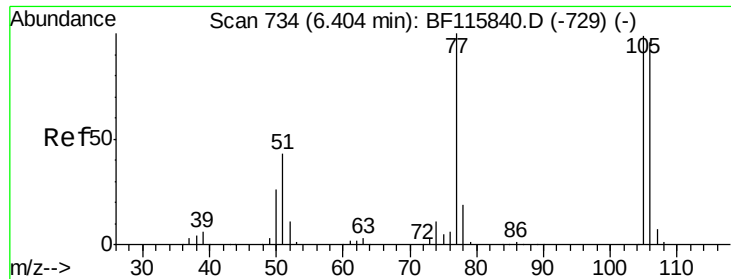


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.934 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

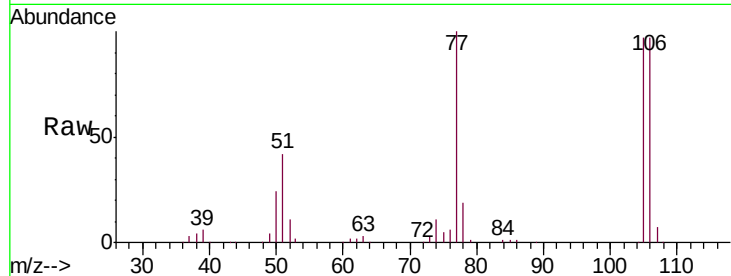
Tgt Ion: 77 Resp: 157527

Ion Ratio Lower Upper

77 100

105 96.9 79.2 119.2

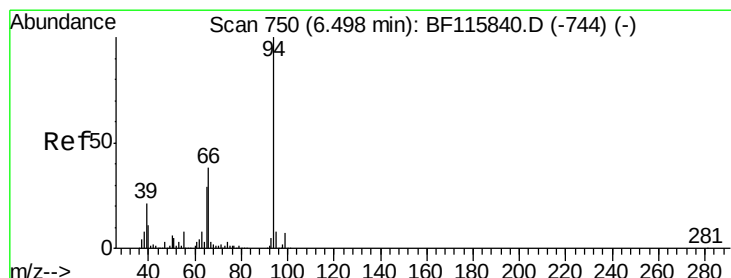
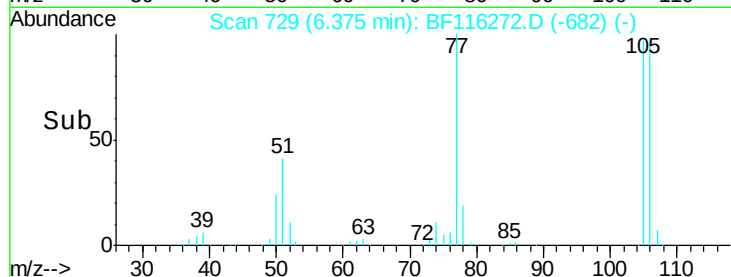
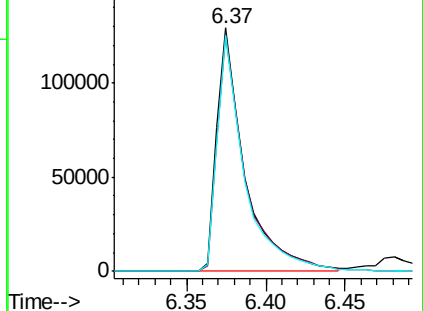
106 97.1 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.359 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

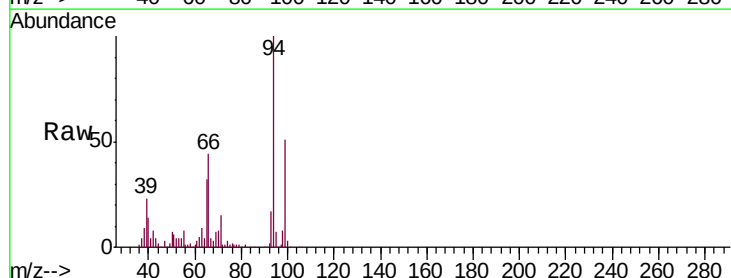
Tgt Ion: 94 Resp: 544003

Ion Ratio Lower Upper

94 100

65 31.5 16.8 56.8

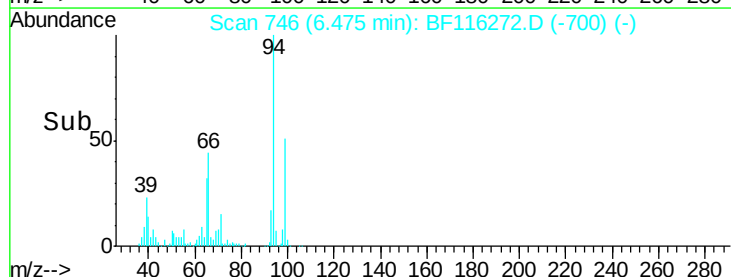
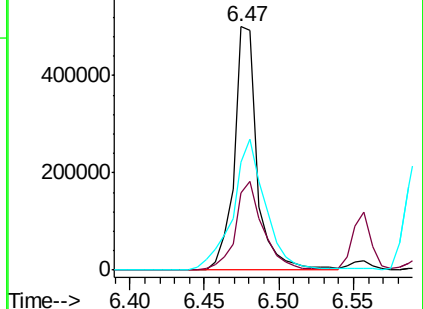
66 44.3 34.2 74.2

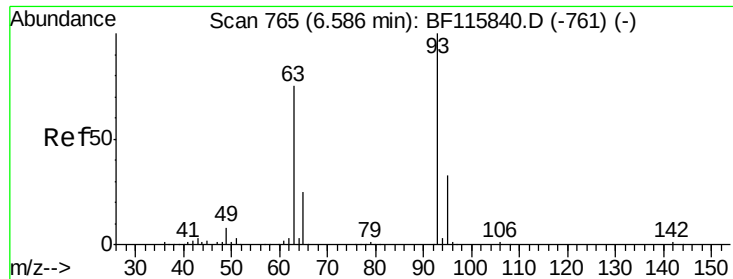


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

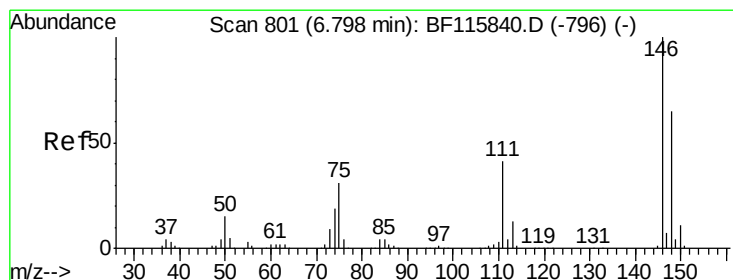
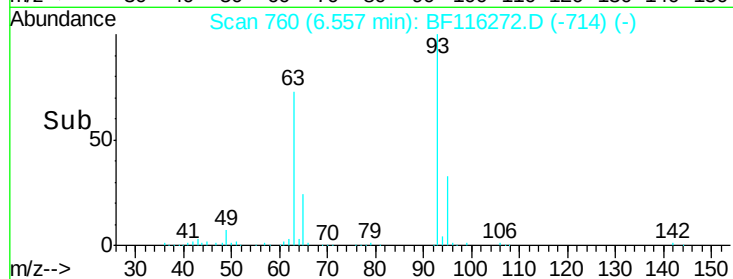
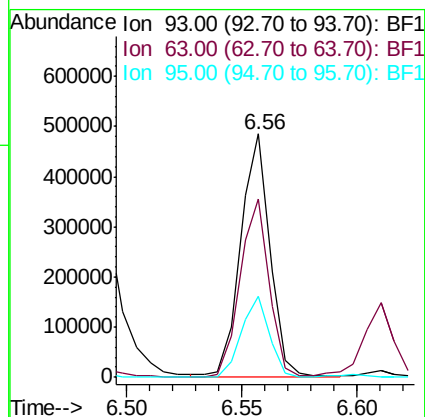
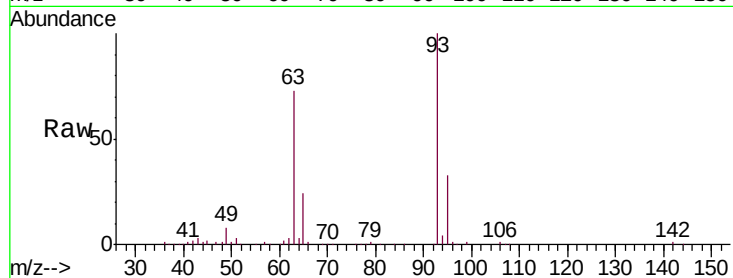




#11
bis(2-Chloroethyl)ether
Concen: 45.810 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

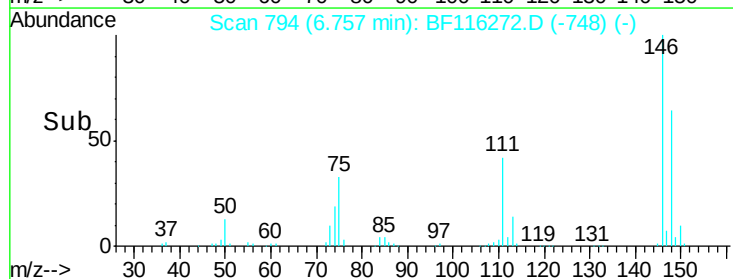
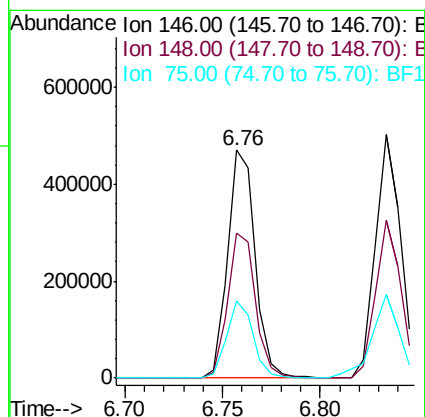
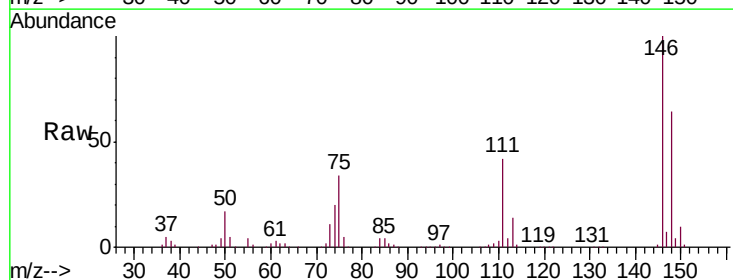
Instrument :
BNA_F
ClientSampleId :
PB122215BS

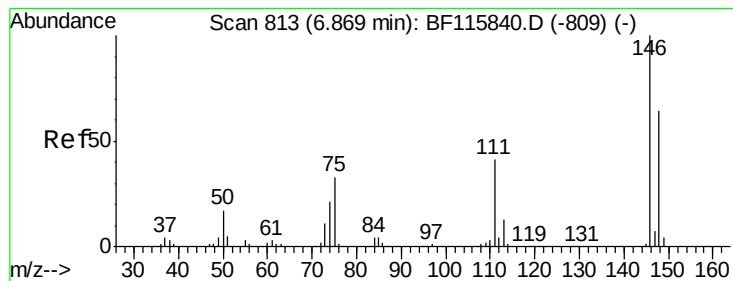
Tgt Ion: 93 Resp: 432539
Ion Ratio Lower Upper
93 100
63 73.2 51.9 91.9
95 33.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.704 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion: 146 Resp: 460686
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 34.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.142 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

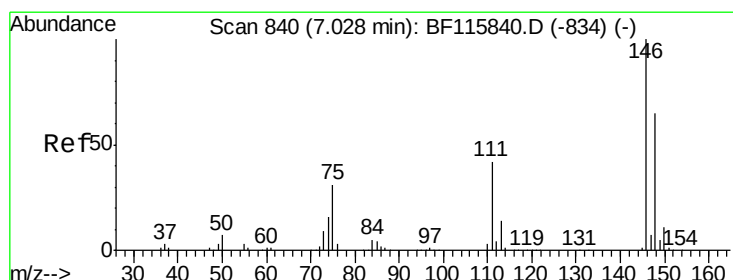
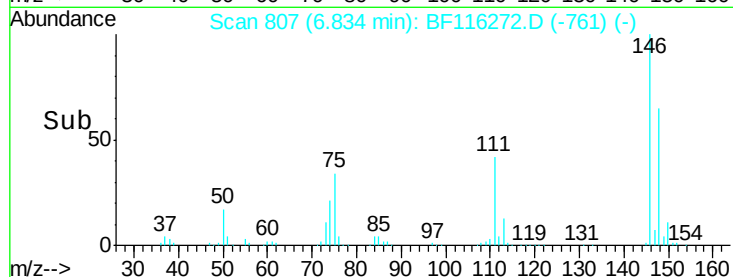
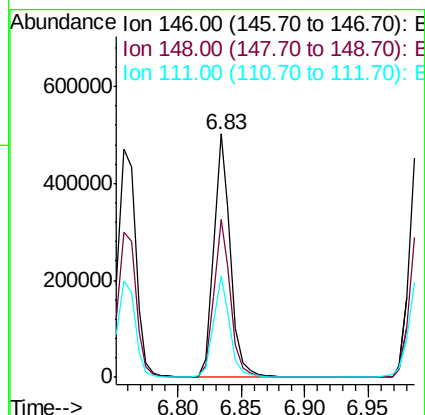
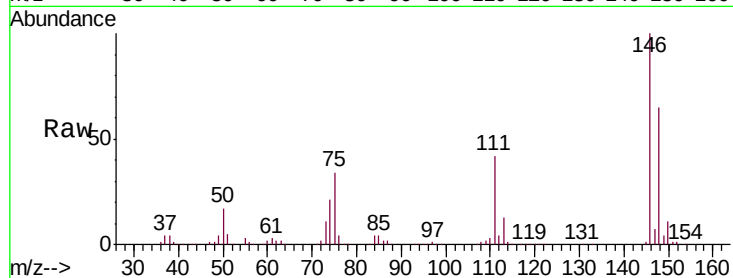
Tgt Ion:146 Resp: 466116

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 41.9 34.0 51.0



#14

1,2-Dichlorobenzene

Concen: 42.554 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

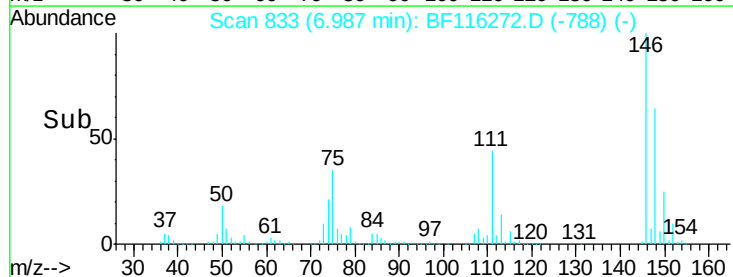
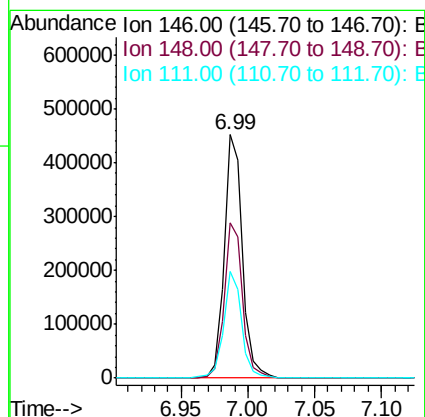
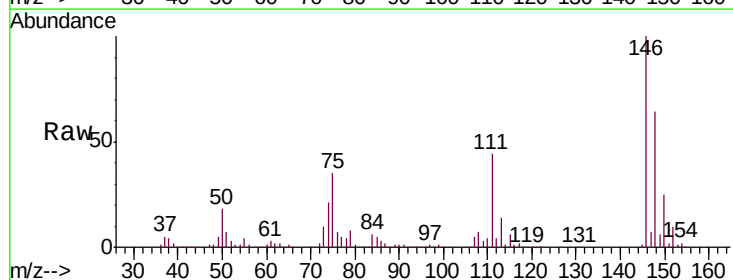
Tgt Ion:146 Resp: 433390

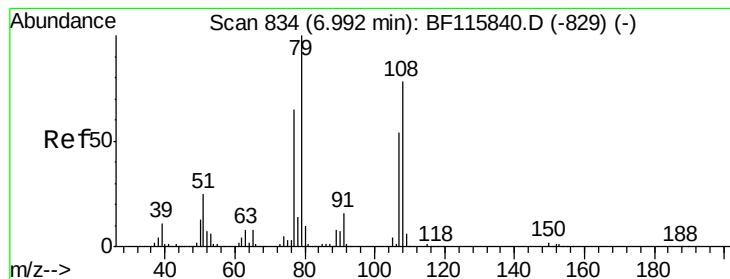
Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

111 43.6 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.634 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

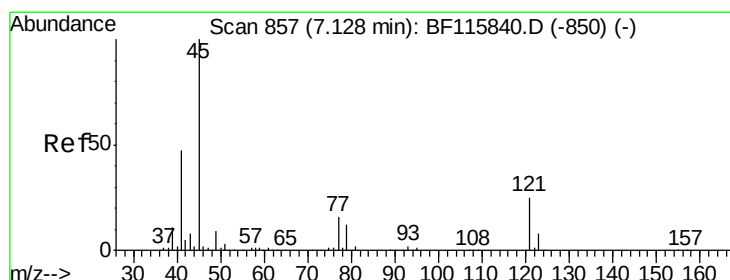
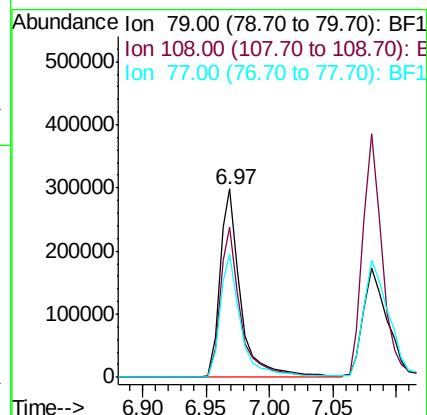
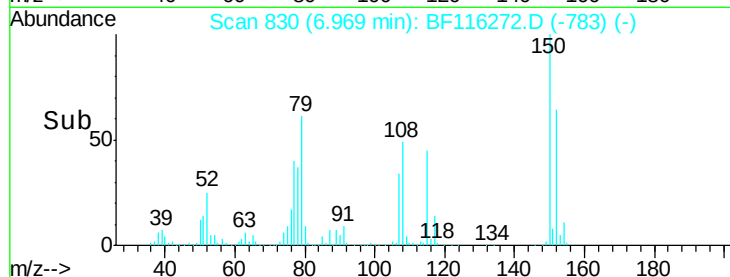
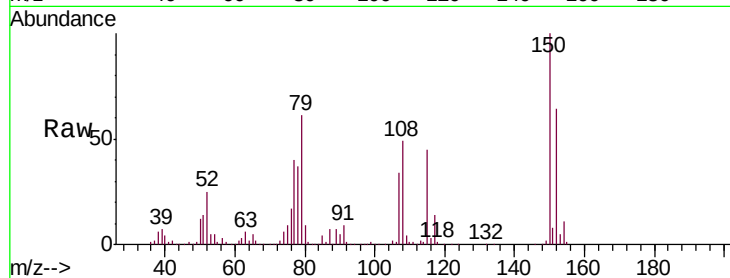
Tgt Ion: 79 Resp: 344574

Ion Ratio Lower Upper

79 100

108 79.8 62.7 94.1

77 65.3 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.396 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

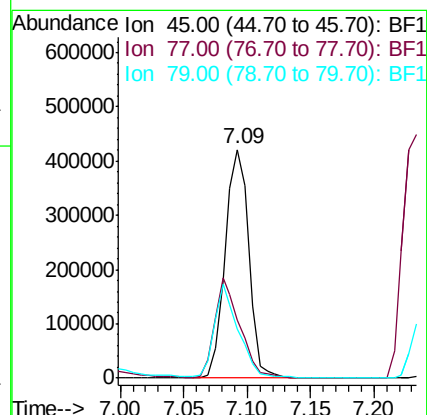
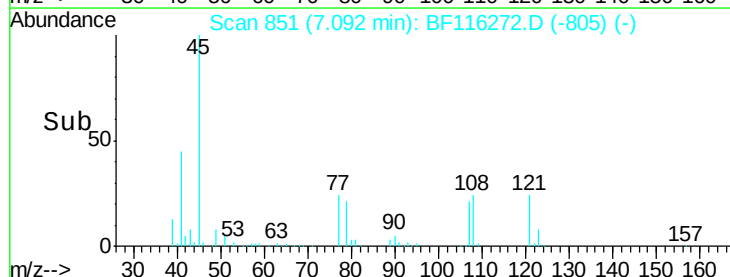
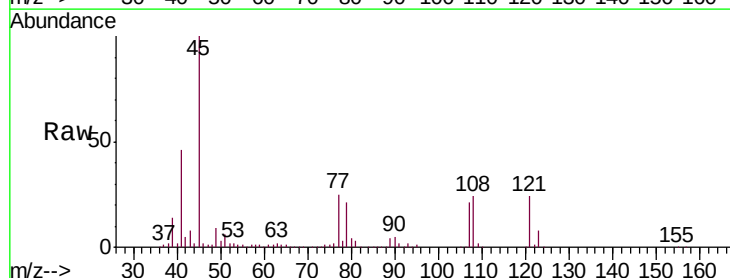
Tgt Ion: 45 Resp: 546011

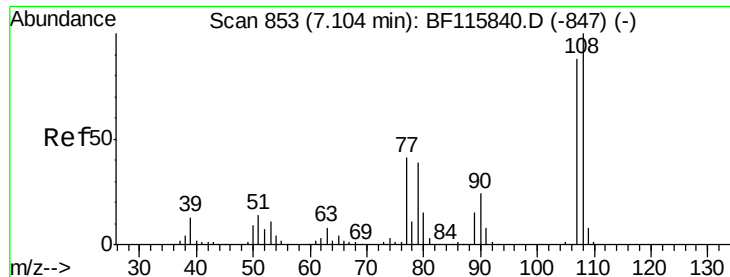
Ion Ratio Lower Upper

45 100

77 25.2 0.0 40.0

79 21.3 0.0 35.9





#17

2-Methylphenol

Concen: 45.062 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tgt Ion:107 Resp: 364712

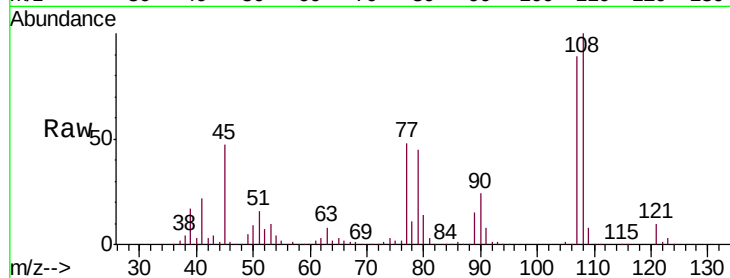
Ion Ratio Lower Upper

107 100

108 112.3 91.2 136.8

77 53.8 40.3 60.5

79 50.5 37.6 56.4

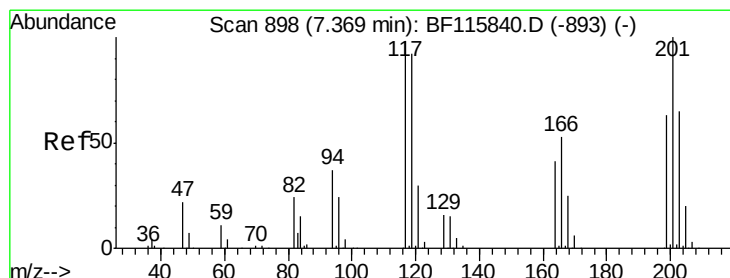
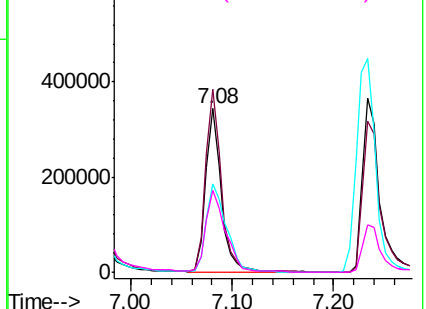
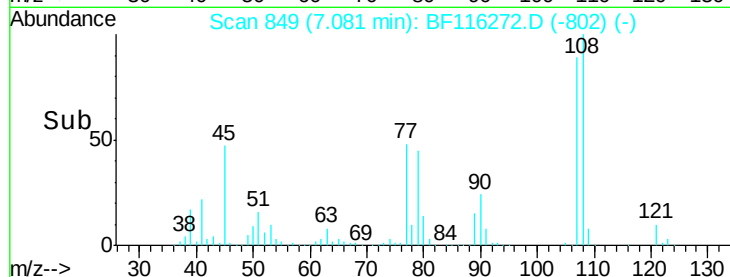


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.590 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

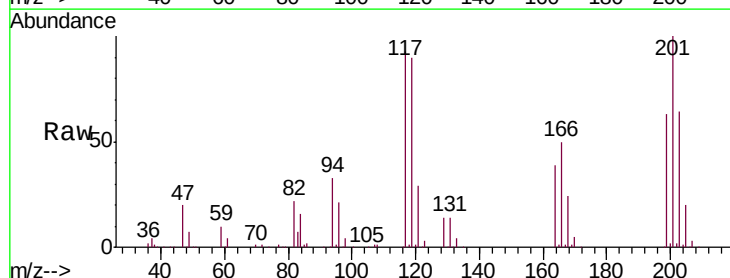
Tgt Ion:117 Resp: 173437

Ion Ratio Lower Upper

117 100

119 96.6 76.1 114.1

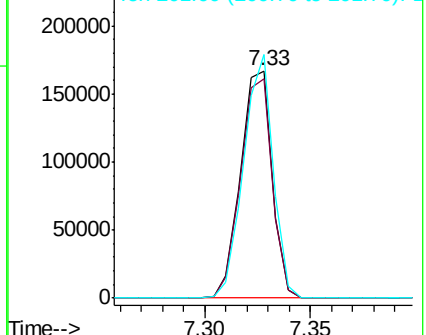
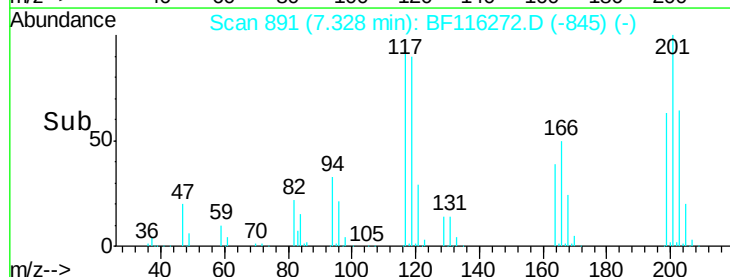
201 107.0 77.0 115.4

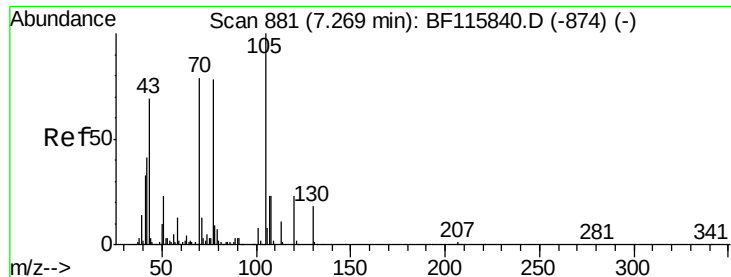


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

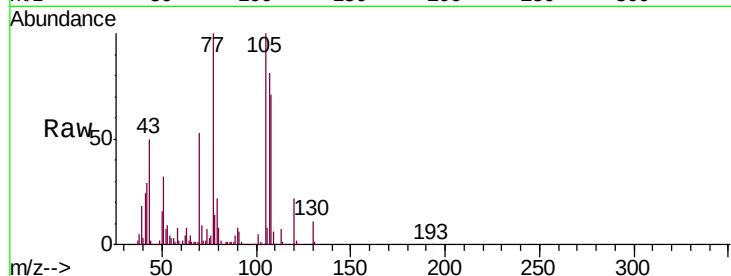




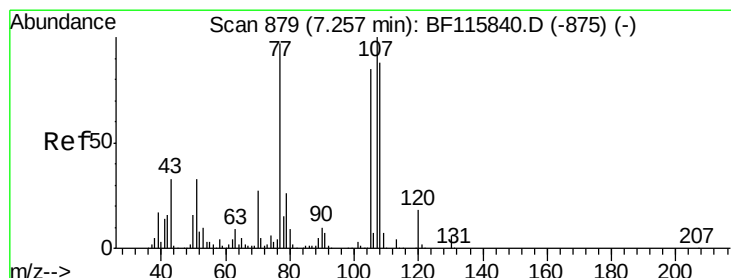
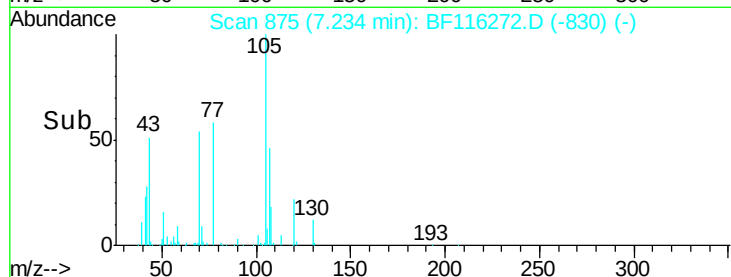
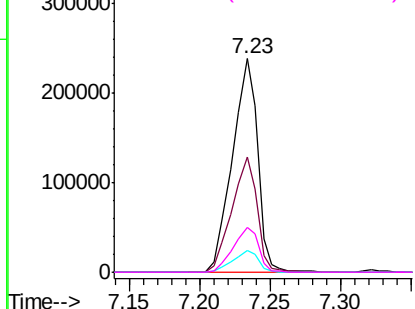
#19
n-Nitroso-di-n-propylamine
Concen: 43.974 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tgt Ion:	70	Resp:	297174
Ion	Ratio	Lower	Upper
70	100		
42	54.1	40.9	61.3
101	9.9	7.9	11.9
130	21.3	16.9	25.3

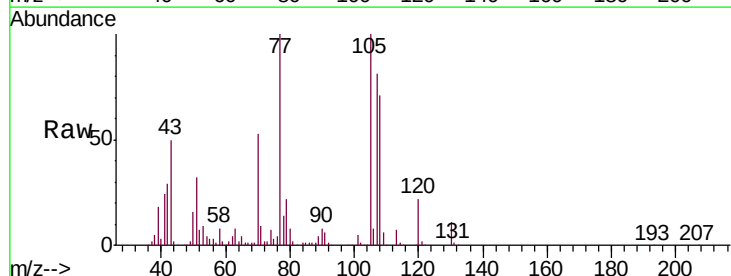


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

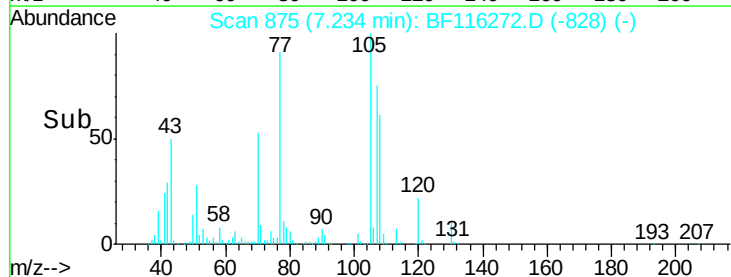
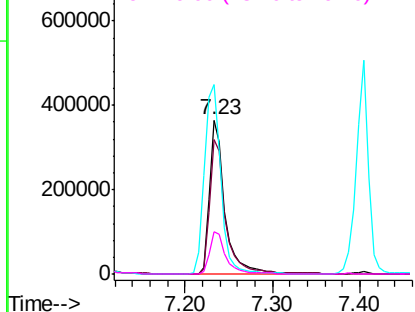


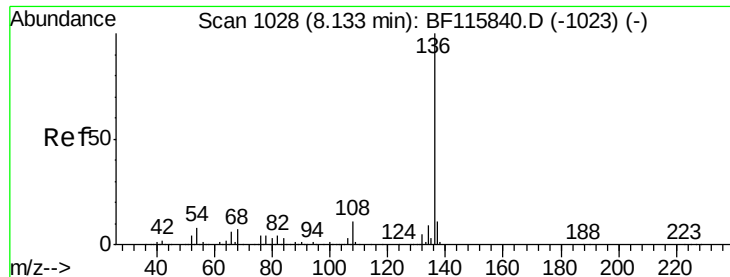
#20
3+4-Methylphenols
Concen: 45.765 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion:	107	Resp:	438325
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.6	107.6
77	122.8	104.4	144.4
79	27.5	7.4	47.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tgt Ion:136 Resp: 605698

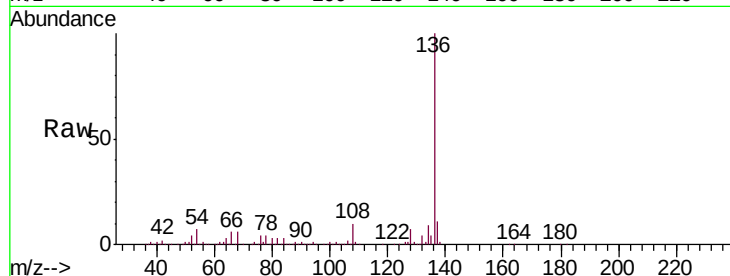
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.1 5.8 8.6

68 6.3 5.2 7.8

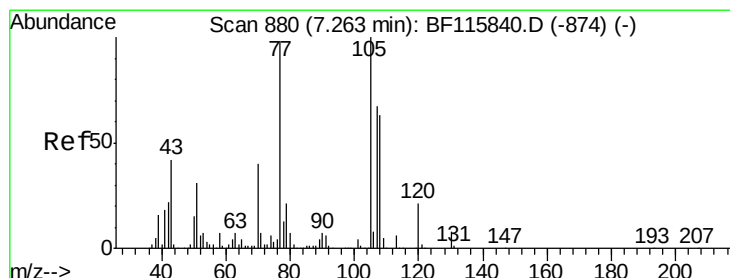
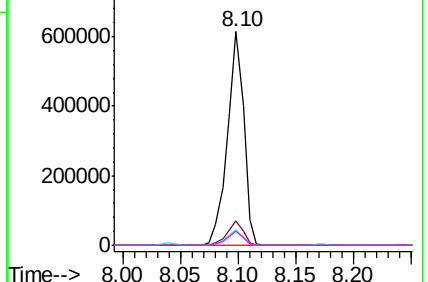
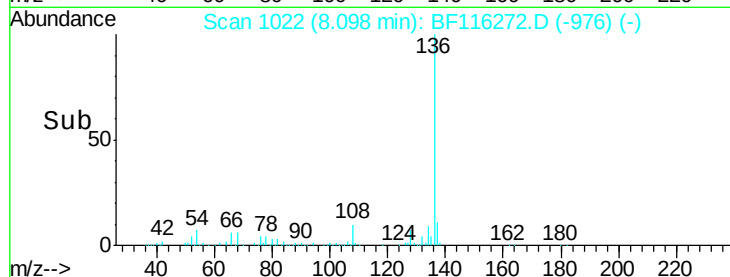


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.940 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion:105 Resp: 583693

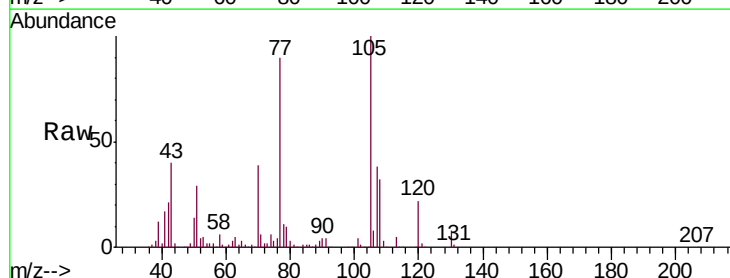
Ion Ratio Lower Upper

105 100

71 6.5 5.9 8.9

51 28.7 25.3 37.9

120 21.9 17.9 26.9

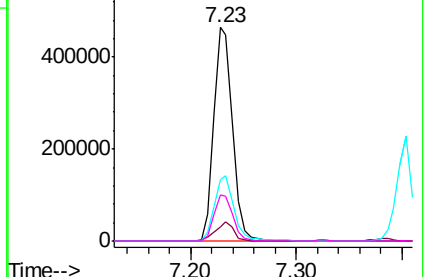
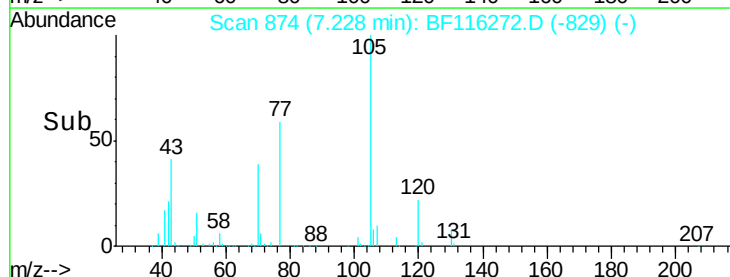


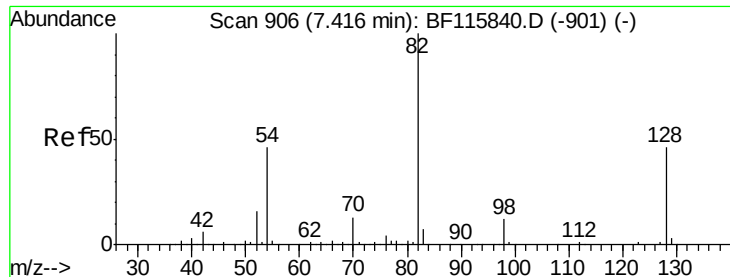
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

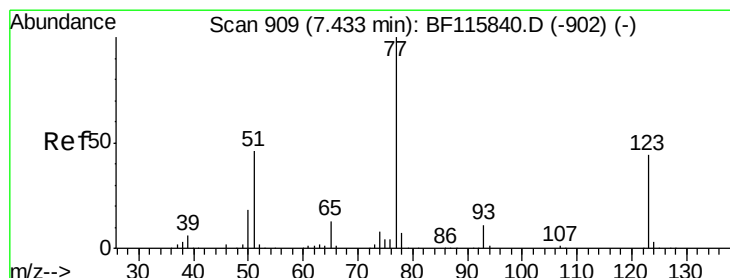
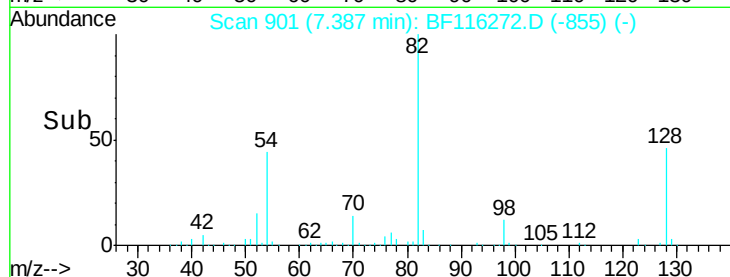
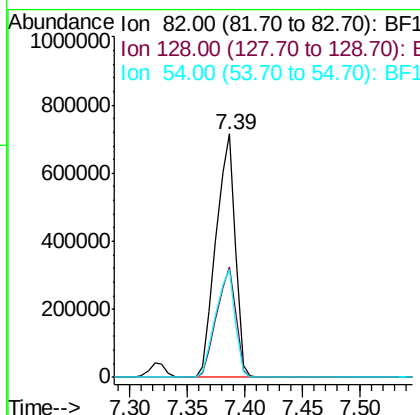
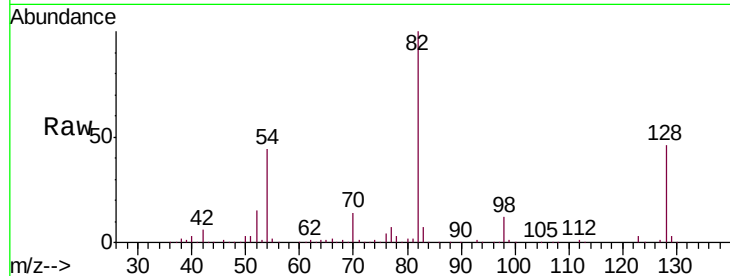




#23
 Nitrobenzene-d5
 Concen: 79.606 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

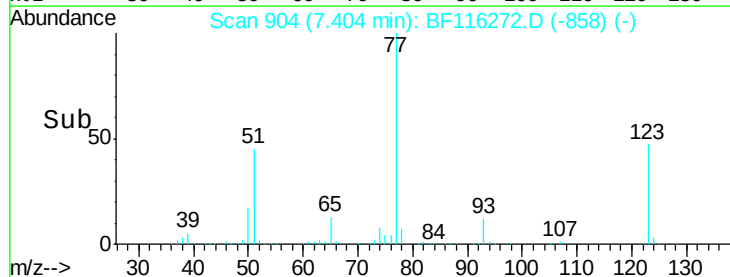
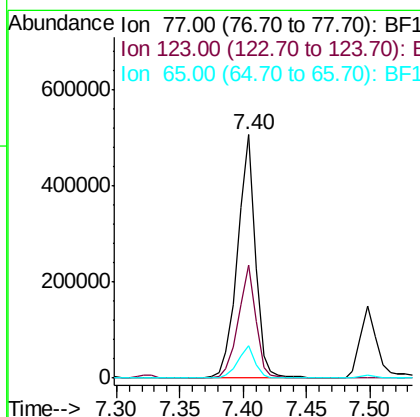
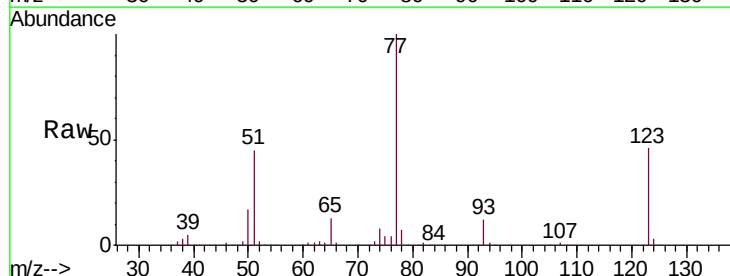
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

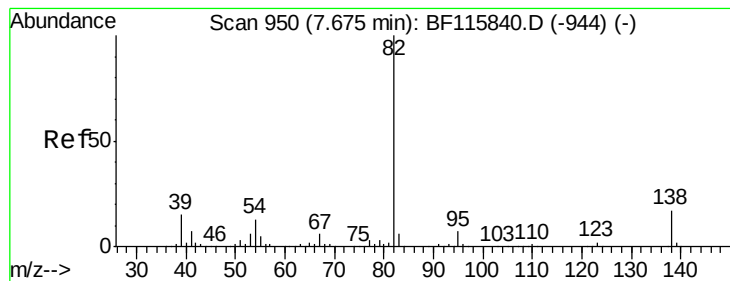
Tgt Ion: 82 Resp: 835316
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.5 54.7
 54 44.3 36.0 54.0



#24
 Nitrobenzene
 Concen: 43.039 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion: 77 Resp: 487641
 Ion Ratio Lower Upper
 77 100
 123 46.4 36.7 55.1
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 44.695 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

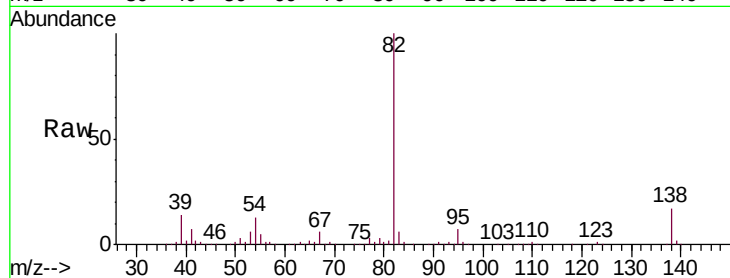
Tgt Ion: 82 Resp: 896788

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

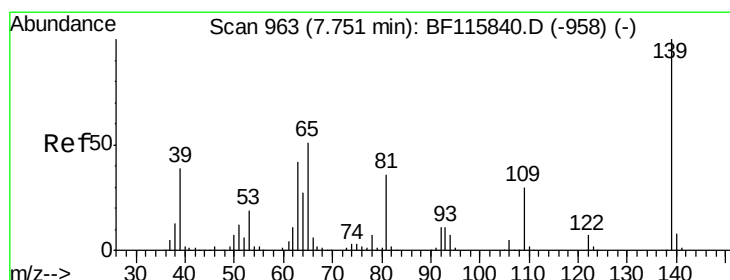
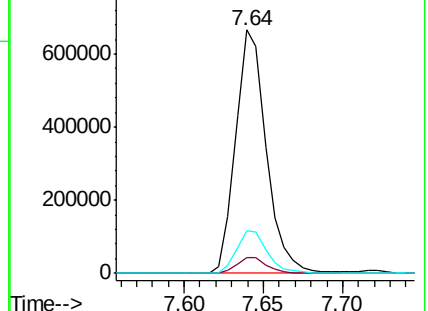
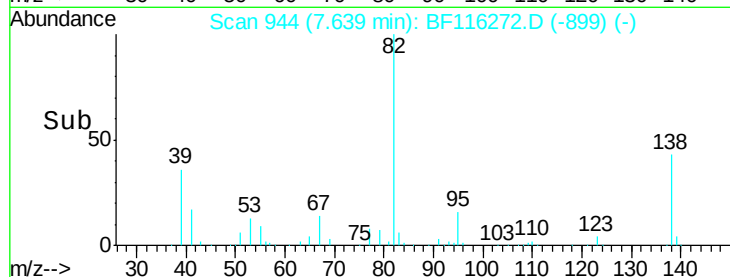
138 17.3 14.5 21.7



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: 45.881 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

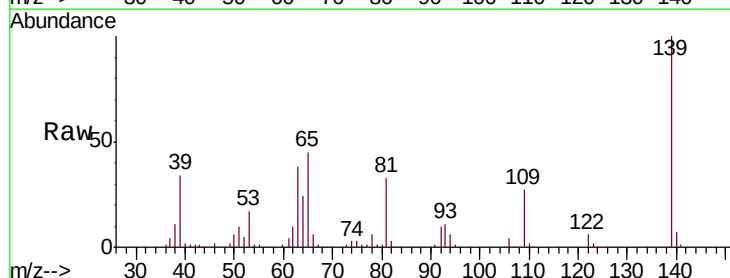
Tgt Ion: 139 Resp: 245044

Ion Ratio Lower Upper

139 100

109 27.4 23.4 35.2

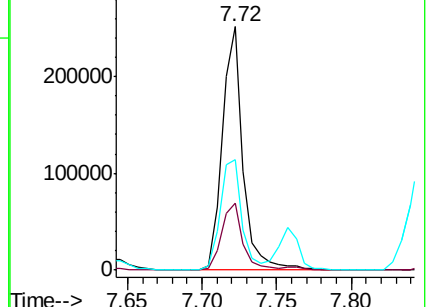
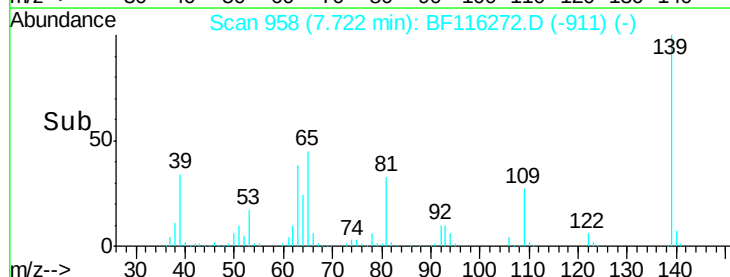
65 45.5 41.1 61.7

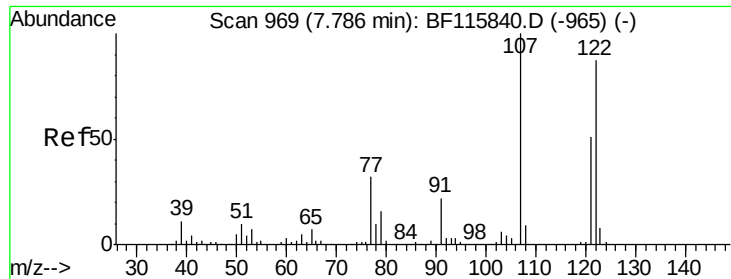


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.154 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

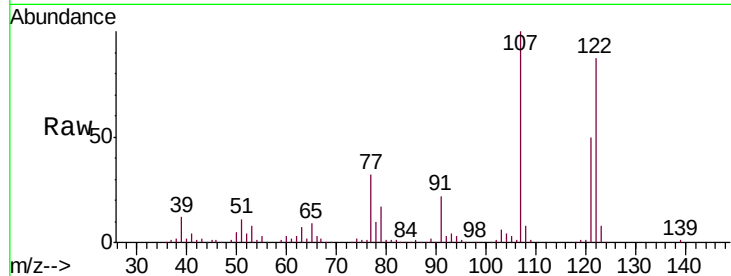
Tgt Ion:122 Resp: 394960

Ion Ratio Lower Upper

122 100

107 114.8 93.0 139.6

121 57.9 47.6 71.4



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

600000

500000

400000

300000

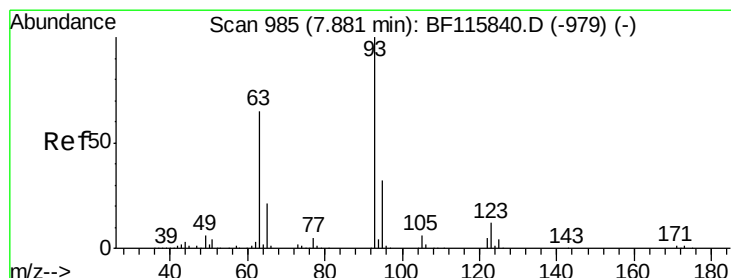
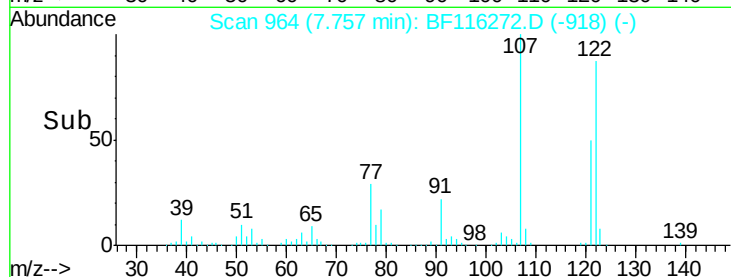
200000

100000

0

7.70 7.75 7.80 7.85

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 44.614 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

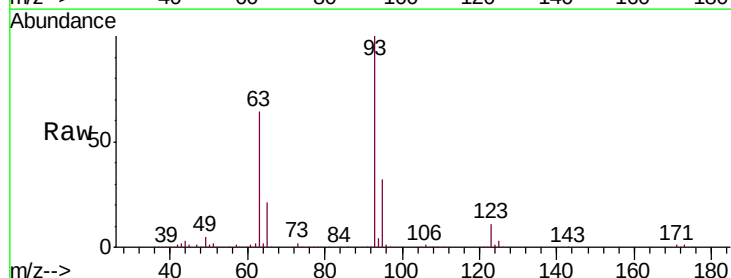
Tgt Ion: 93 Resp: 554839

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.0 9.2 13.8



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

600000

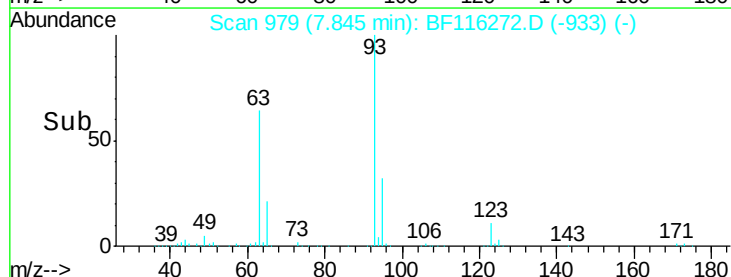
400000

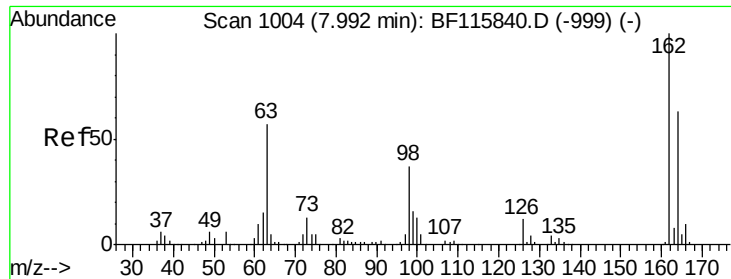
200000

0

7.80 7.85 7.90 8.00

Time-->

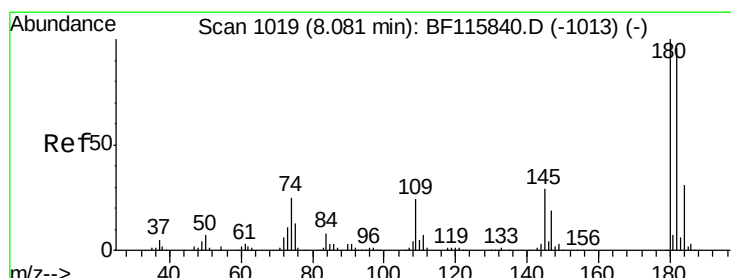
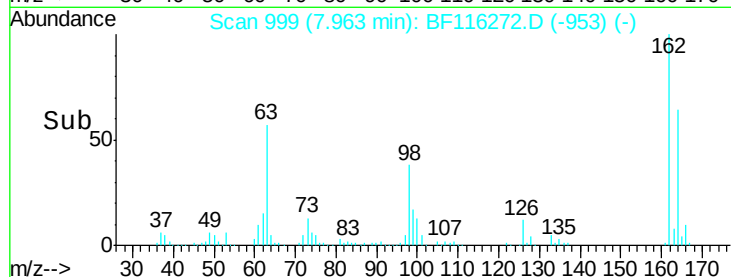
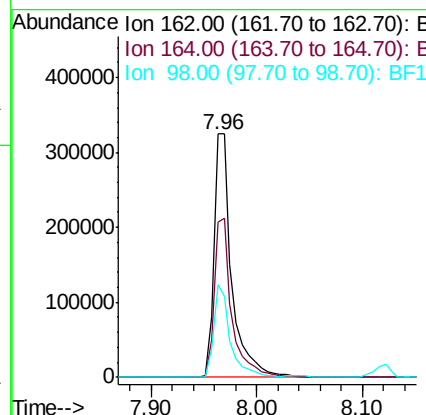
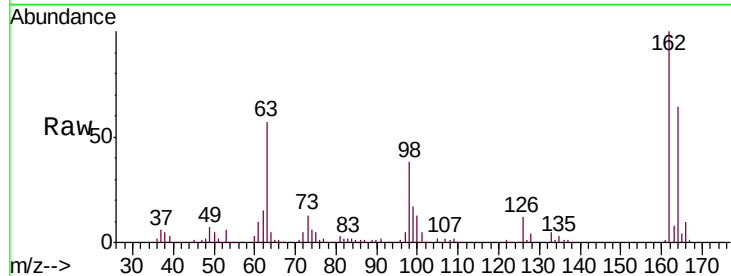




#29
 2,4-Dichlorophenol
 Concen: 45.470 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

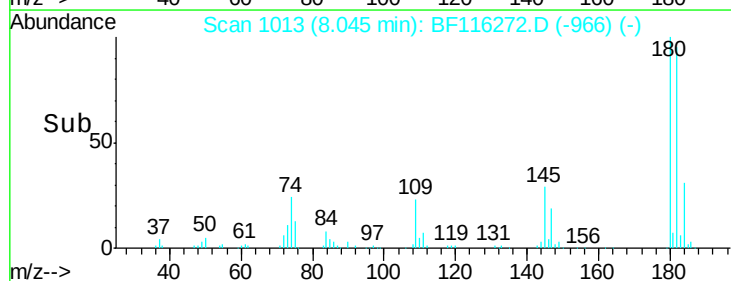
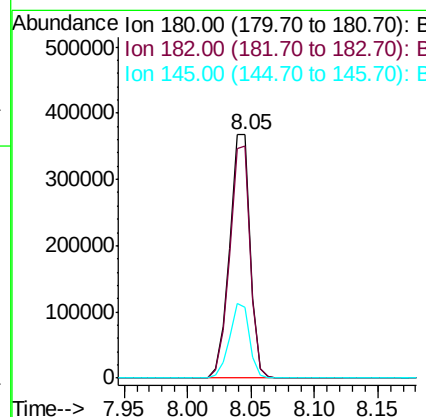
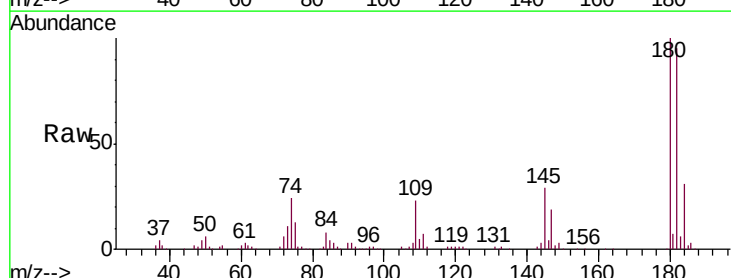
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

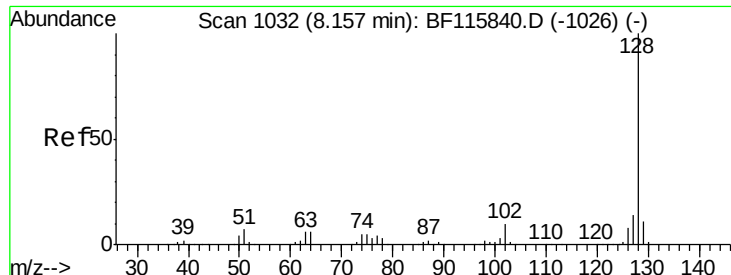
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.1	85.1
98	38.0	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.455 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	29.0	24.3	36.5





#31

Naphthalene

Concen: 44.131 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

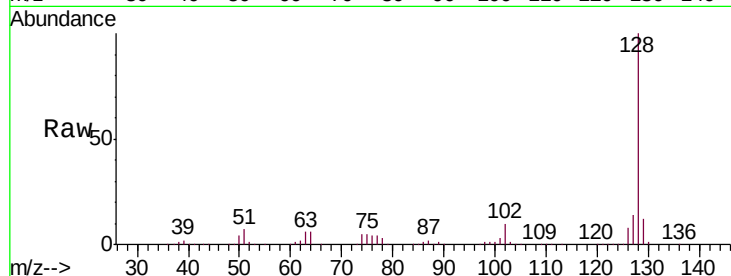
Tgt Ion:128 Resp: 1257848

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

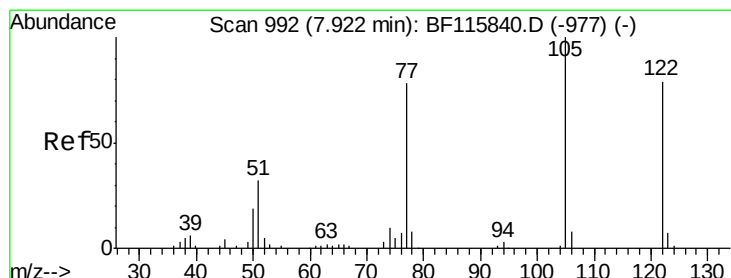
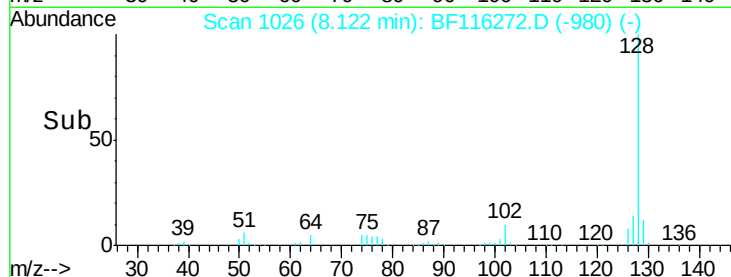
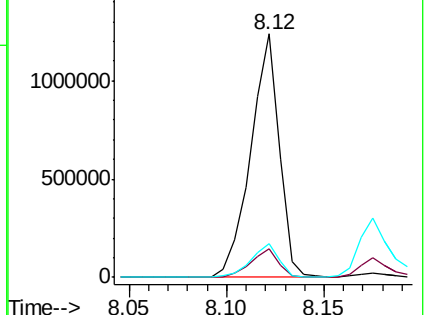
127 13.9 11.4 17.0



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: 43.420 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

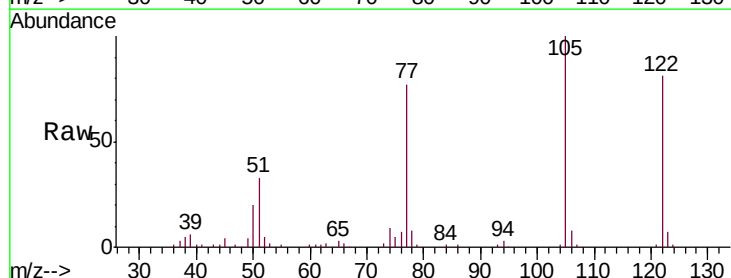
Tgt Ion:122 Resp: 245979

Ion Ratio Lower Upper

122 100

105 123.0 106.1 146.1

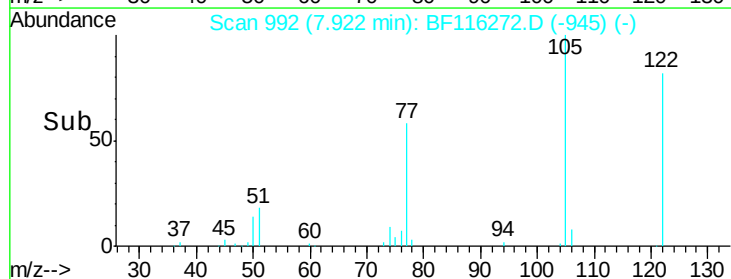
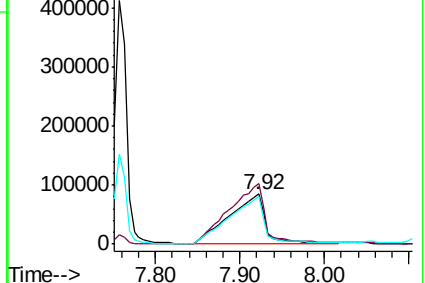
77 95.2 76.7 116.7

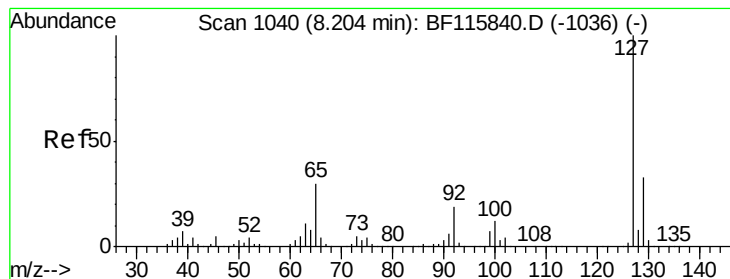


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 27.743 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tgt Ion:127 Resp: 353310

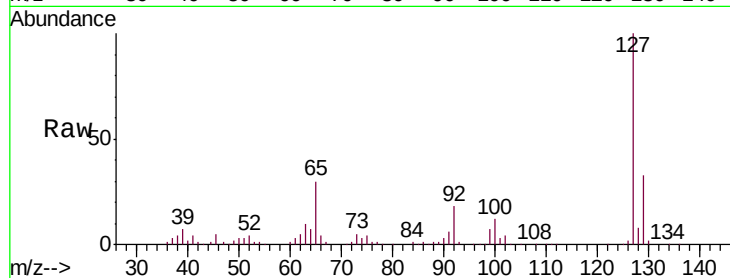
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 29.6 24.9 37.3

92 18.4 15.7 23.5

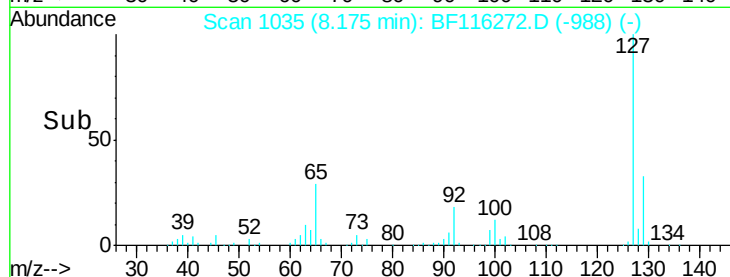


Abundance Ion 127.00 (126.70 to 127.70): E

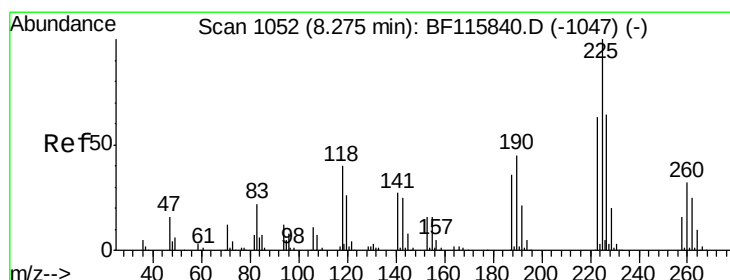
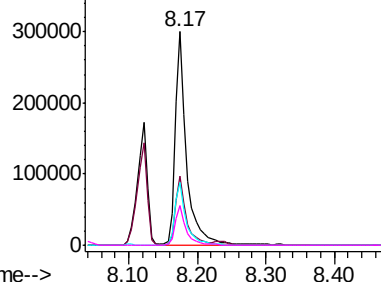
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 41.750 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

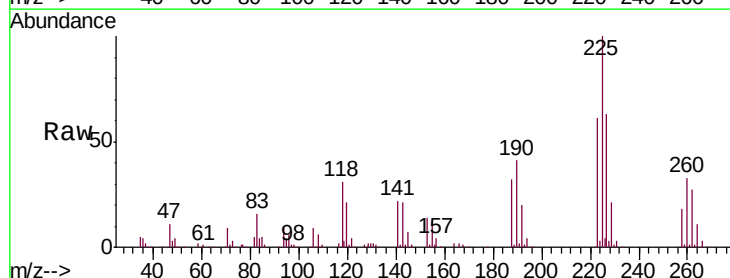
Tgt Ion:225 Resp: 232571

Ion Ratio Lower Upper

225 100

223 61.4 50.0 75.0

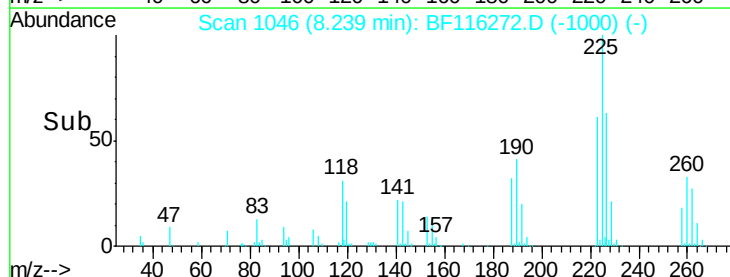
227 63.3 51.0 76.4



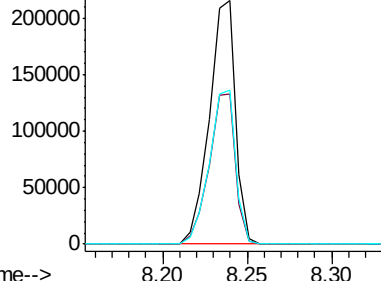
Abundance Ion 225.00 (224.70 to 225.70): E

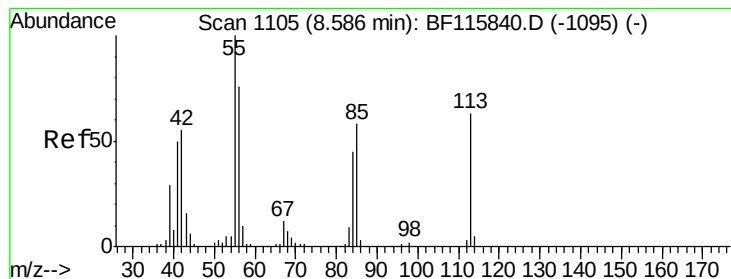
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 21.520 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

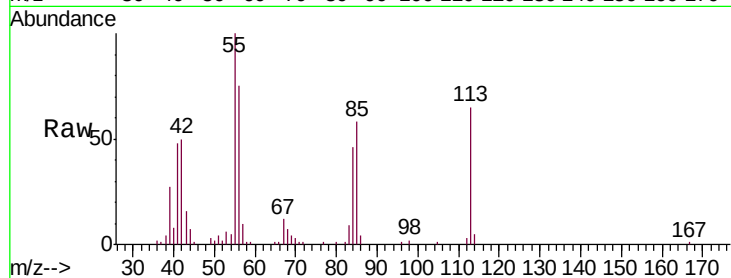
Tgt Ion:113 Resp: 59051

Ion Ratio Lower Upper

113 100

55 153.3 144.3 184.3

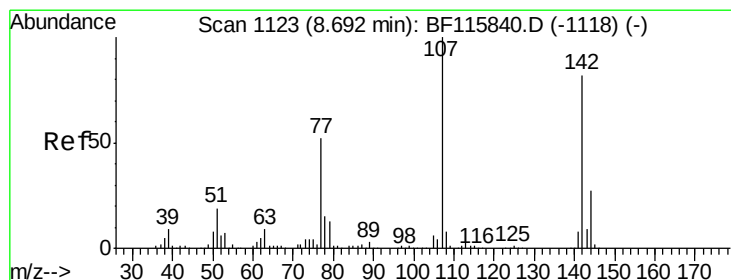
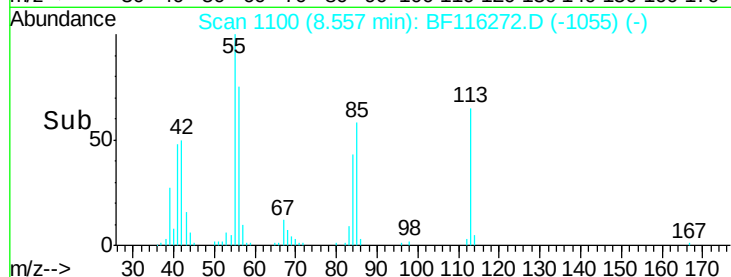
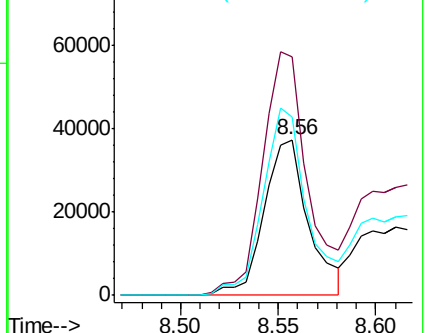
56 114.7 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.715 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

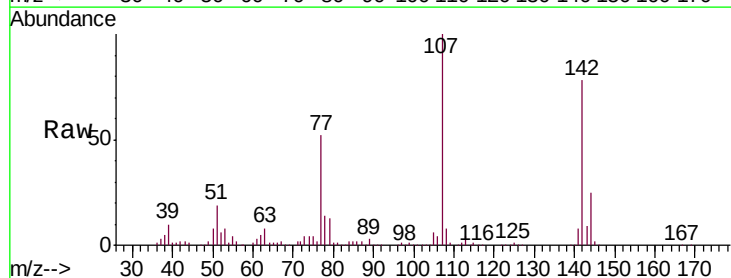
Tgt Ion:107 Resp: 403489

Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.2

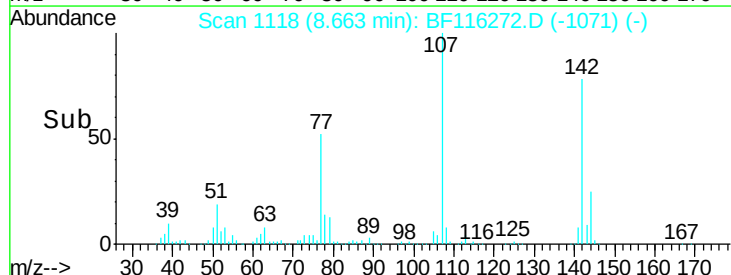
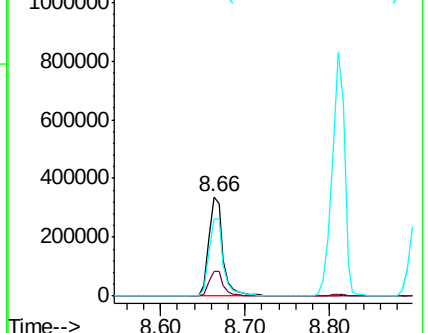
142 78.4 61.7 92.5

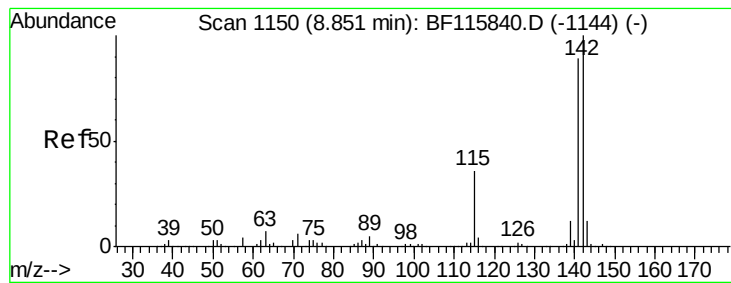


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

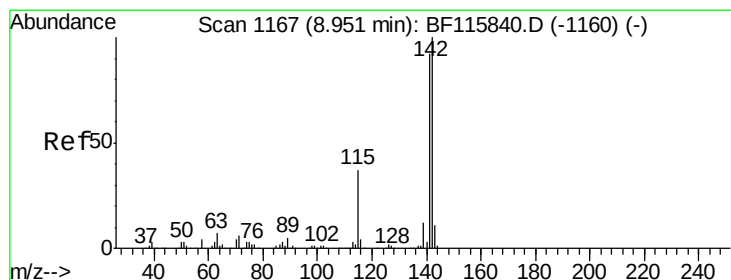
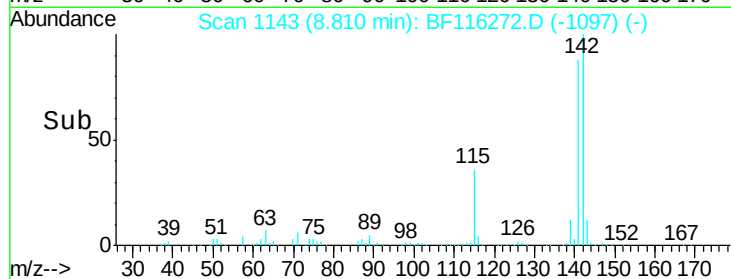
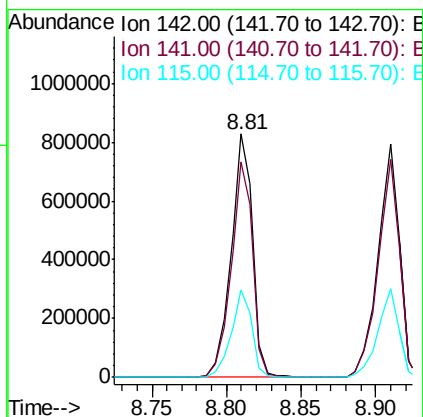
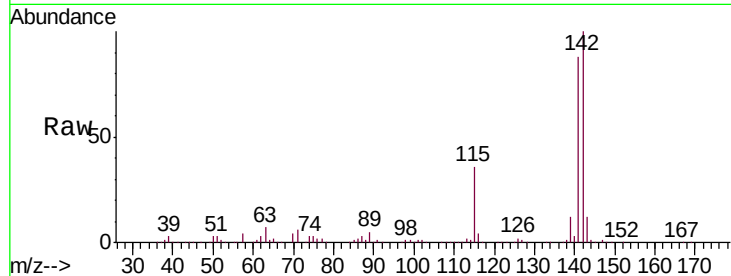




#37
2-Methylnaphthalene
Concen: 44.456 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

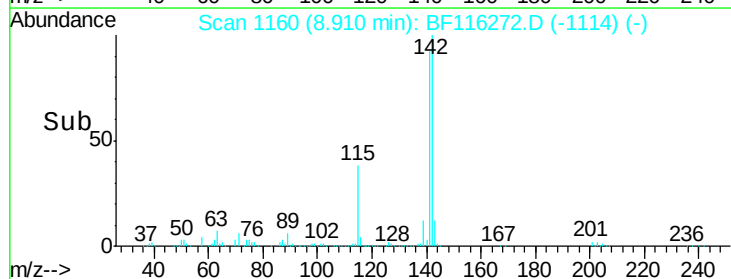
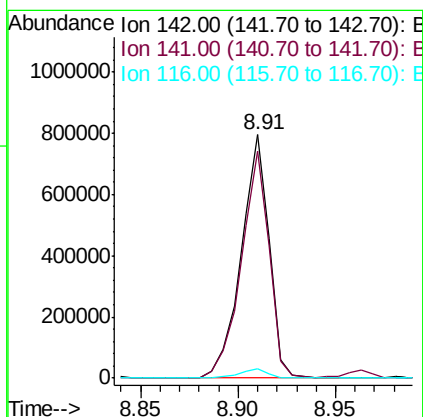
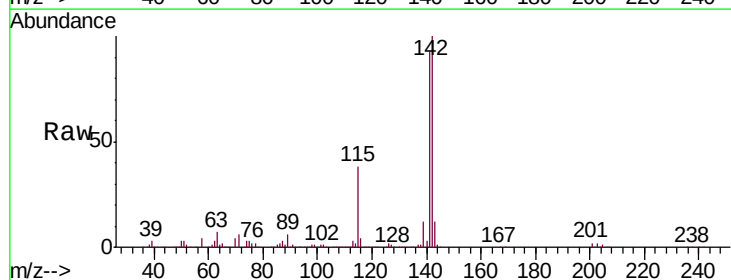
Instrument :
BNA_F
ClientSampleId :
PB122215BS

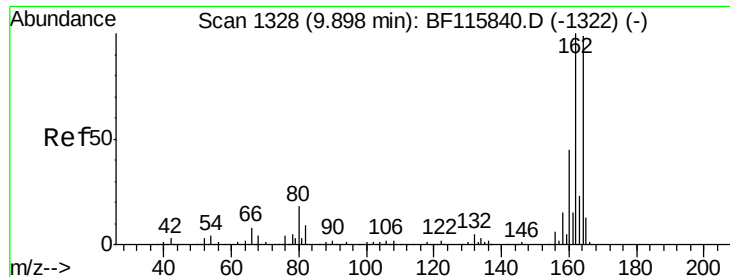
Tgt Ion:142 Resp: 834520
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 36.0 29.0 43.6



#38
1-Methylnaphthalene
Concen: 43.856 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion:142 Resp: 778820
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

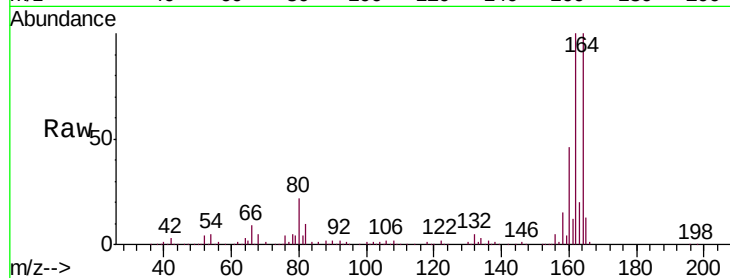
Tgt Ion:164 Resp: 330677

Ion Ratio Lower Upper

164 100

162 100.3 82.6 124.0

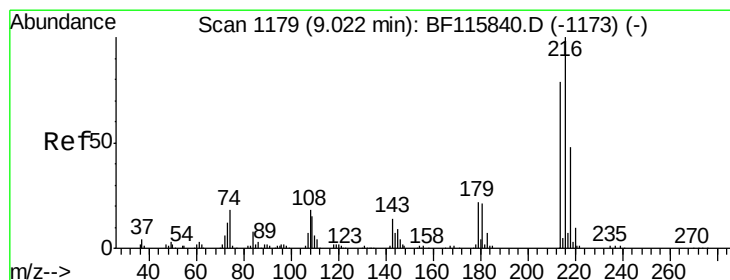
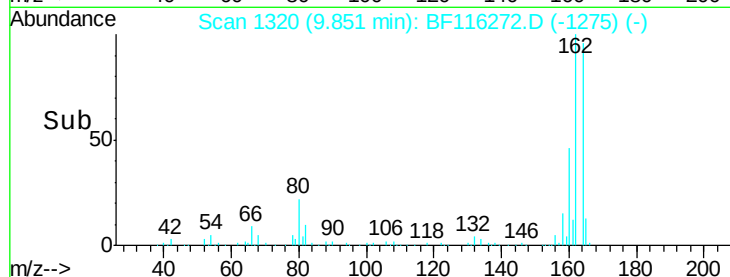
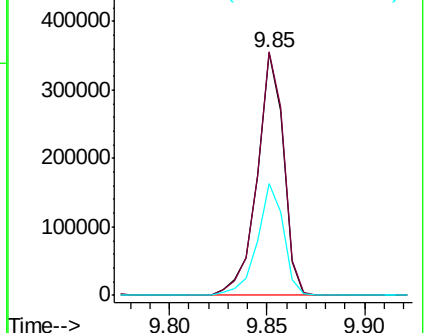
160 46.2 37.6 56.4



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: 43.656 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Tgt Ion:216 Resp: 385937

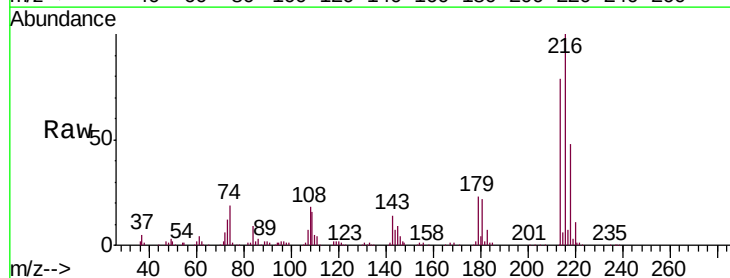
Ion Ratio Lower Upper

216 100

214 79.6 63.6 95.4

179 22.3 17.8 26.8

108 20.5 16.5 24.7

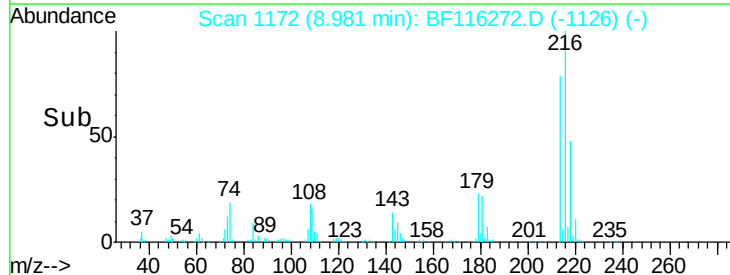
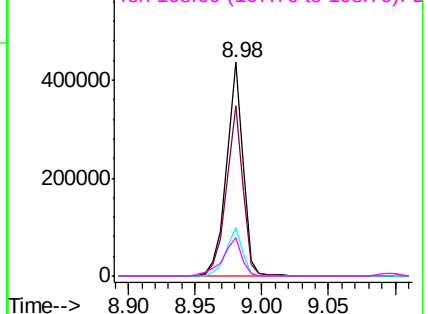


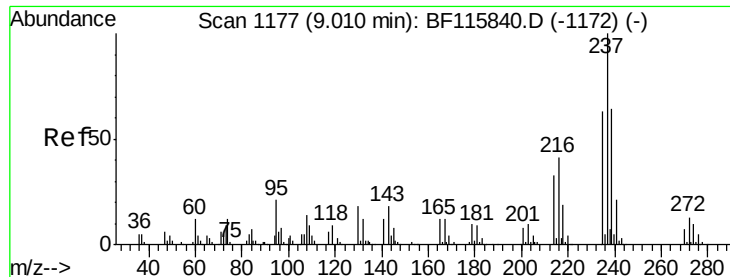
Abundance Ion 216.00 (215.70 to 216.70): E

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

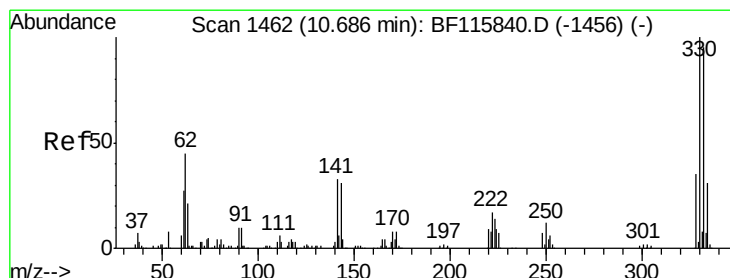
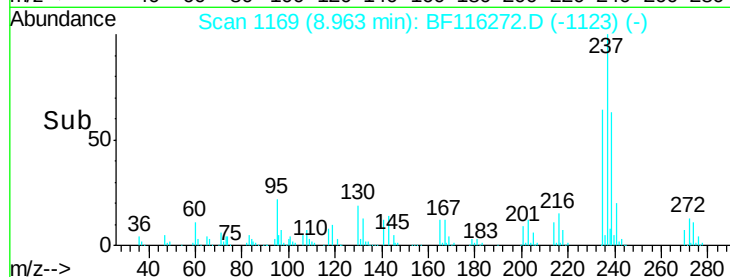
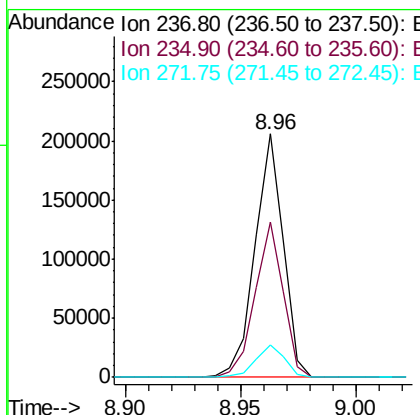
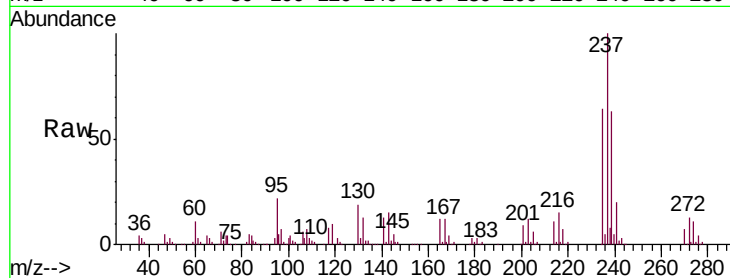




#41
Hexachlorocyclopentadiene
Concen: 46.994 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

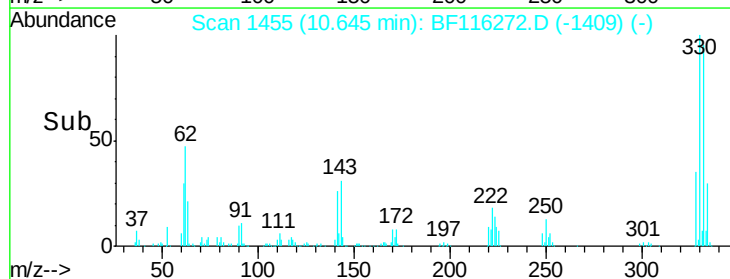
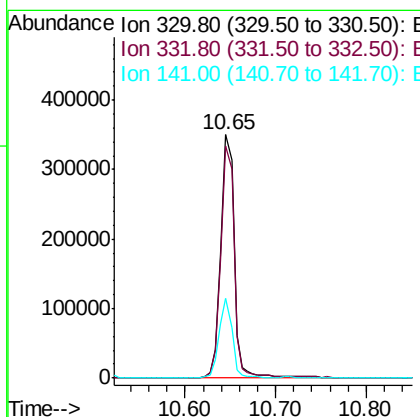
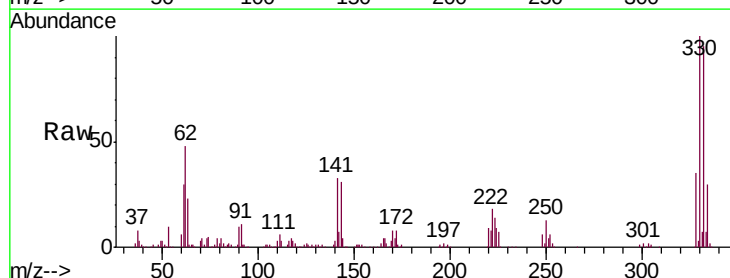
Instrument :
BNA_F
ClientSampleId :
PB122215BS

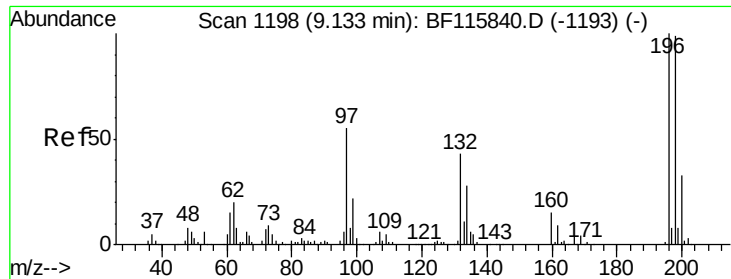
Tgt Ion: 237 Resp: 176034
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 112.707 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion: 330 Resp: 361338
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 31.8 26.3 39.5

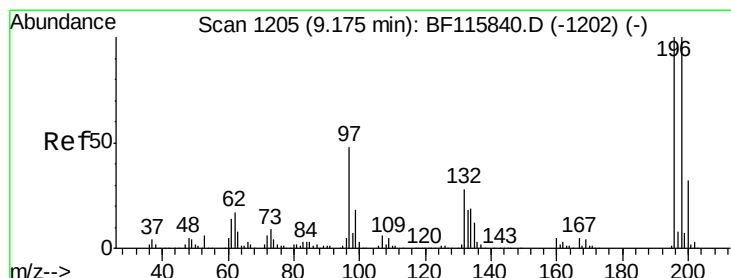
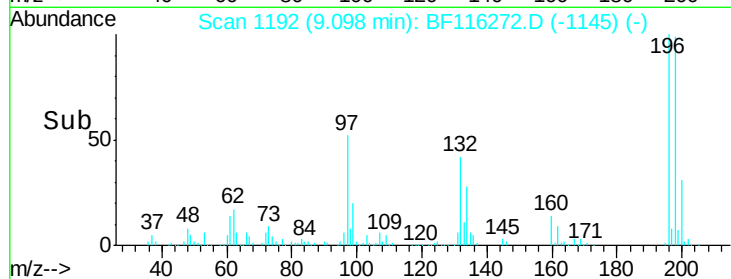
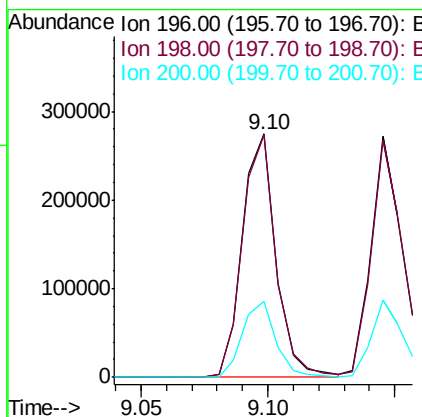
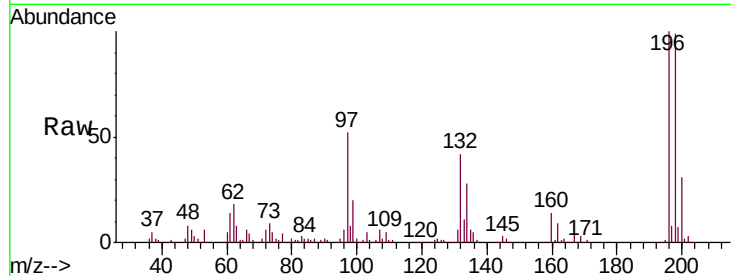




#43
 2,4,6-Trichlorophenol
 Concen: 41.654 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

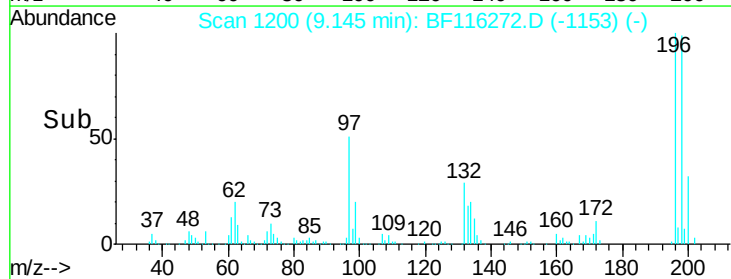
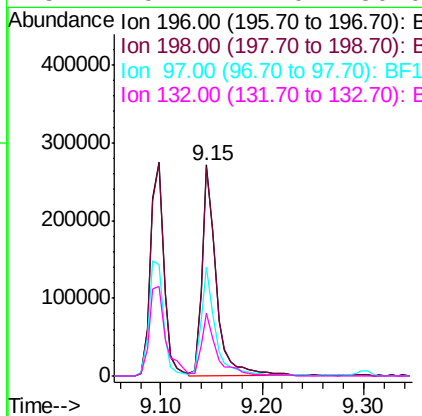
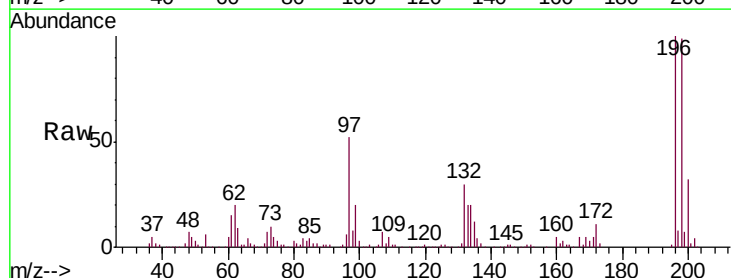
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

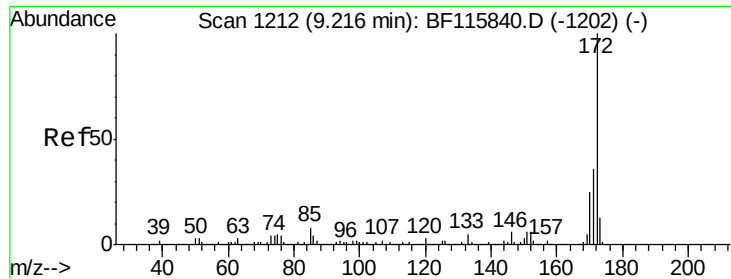
Tgt Ion:196 Resp: 253461
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.2 118.8
 200 31.4 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.998 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion:196 Resp: 264167
 Ion Ratio Lower Upper
 196 100
 198 98.8 78.8 118.2
 97 51.6 42.2 63.4
 132 29.7 24.0 36.0

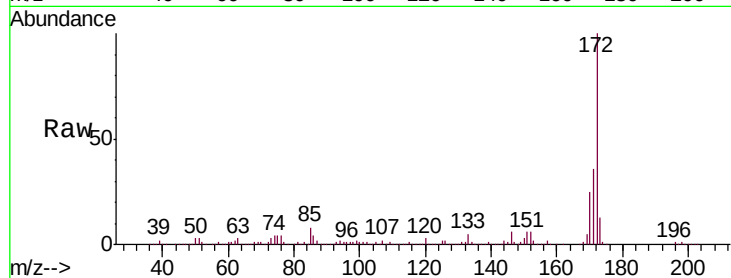




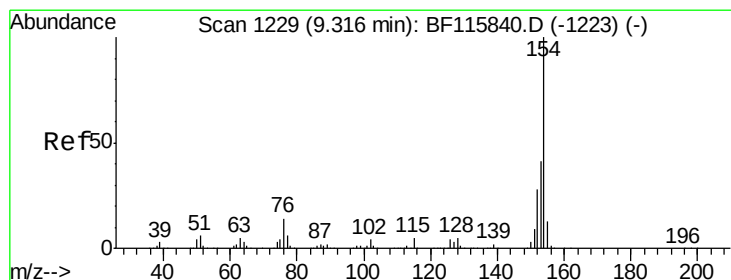
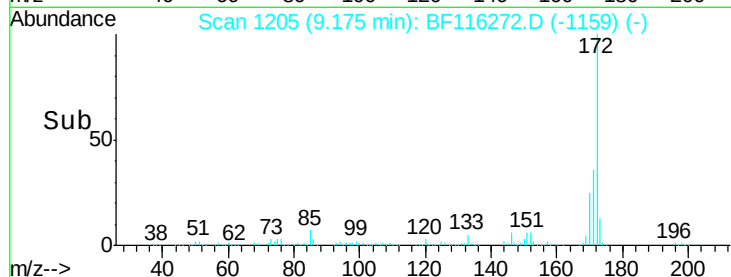
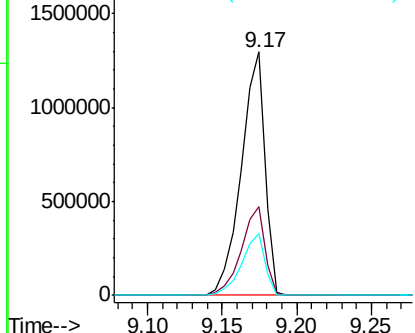
#45
2-Fluorobiphenyl
Concen: 81.290 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tgt Ion:172 Resp: 1435114
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 25.1 20.1 30.1

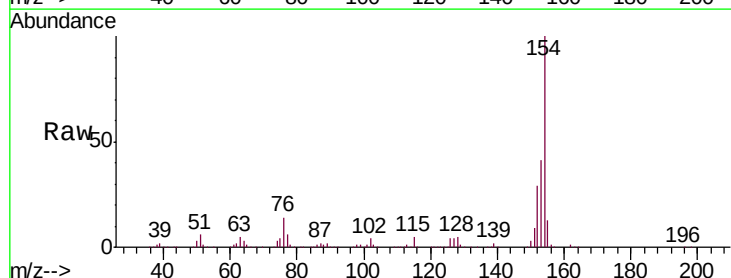


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

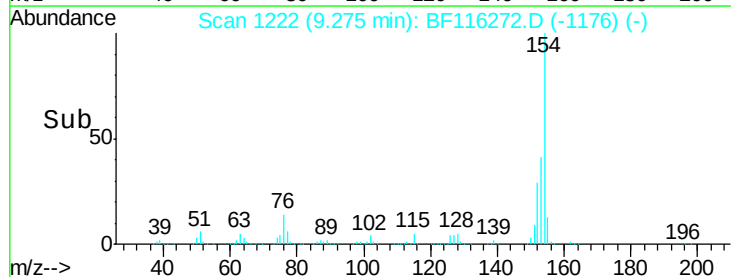
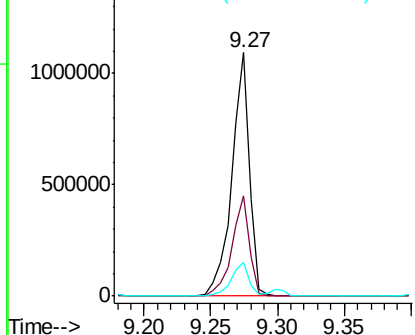


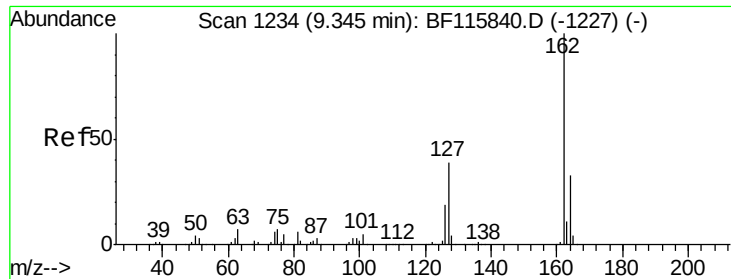
#46
1,1'-Biphenyl
Concen: 43.609 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion:154 Resp: 1018077
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 13.8 0.0 35.2



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

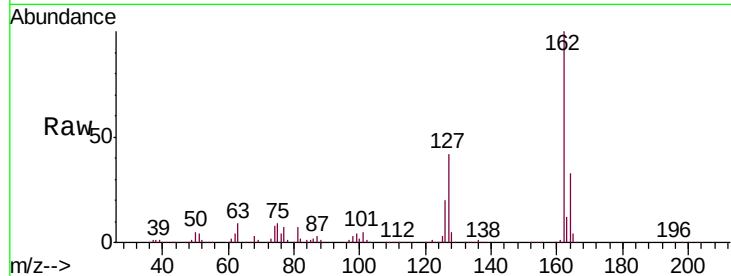




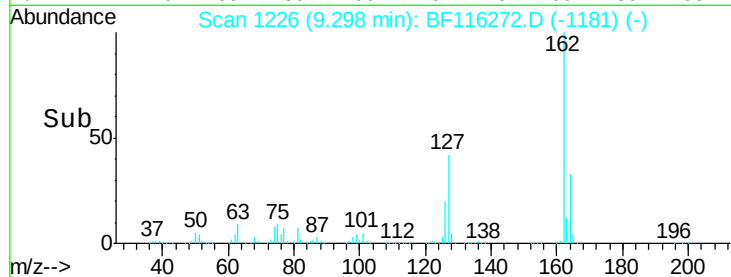
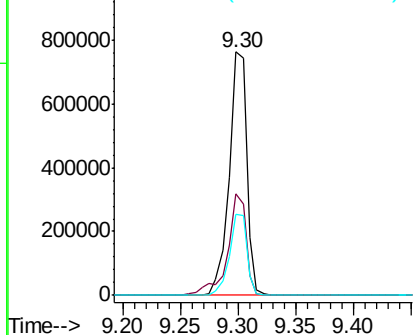
#47
 2-Chloronaphthalene
 Concen: 41.484 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.8	49.2
164	33.1	26.6	39.8

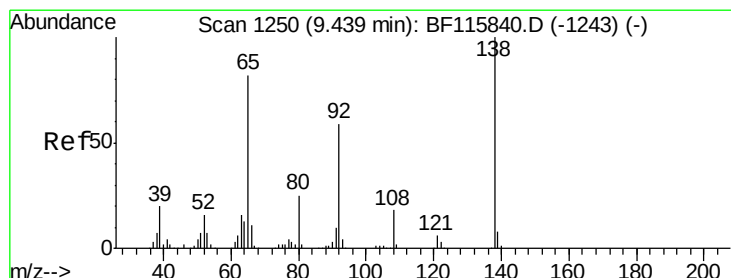


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

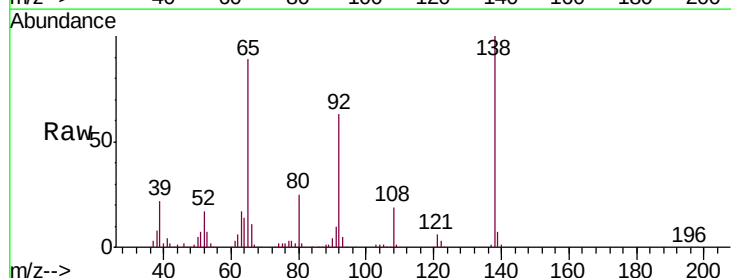
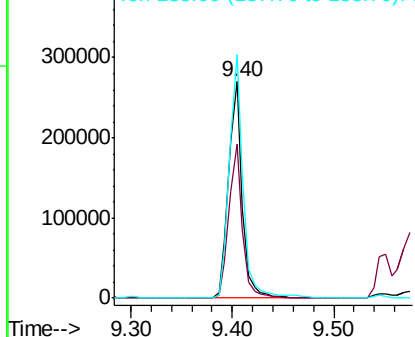


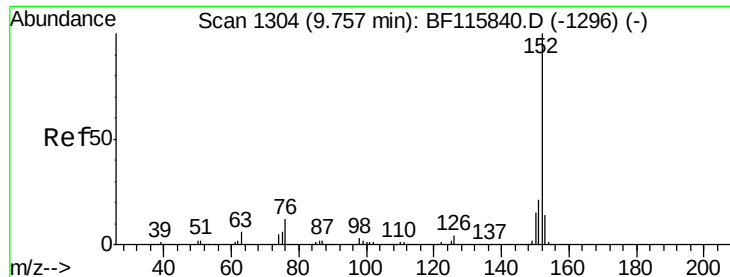
#48
 2-Nitroaniline
 Concen: 39.647 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.8	86.8
138	112.4	94.0	141.0



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: 42.058 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

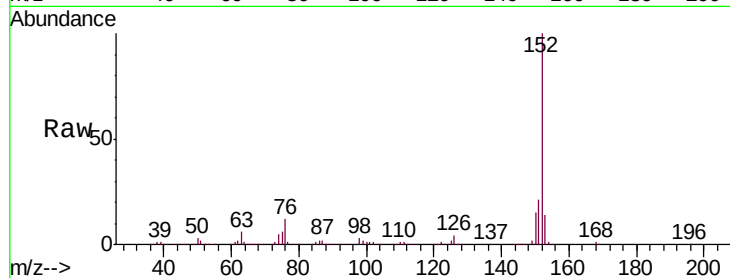
Tgt Ion:152 Resp: 1192237

Ion Ratio Lower Upper

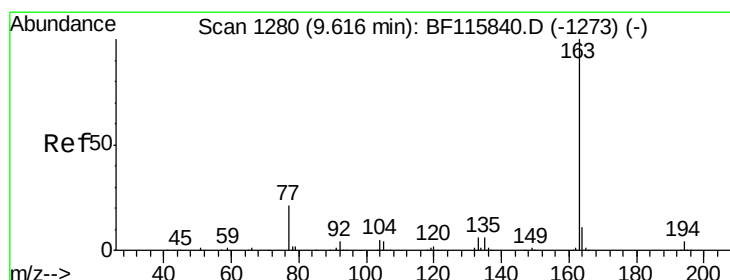
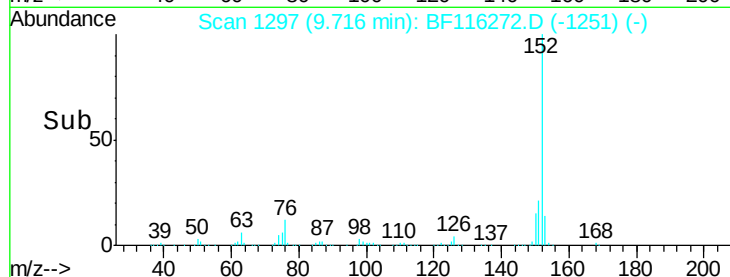
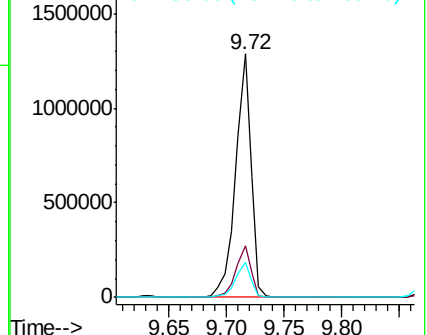
152 100

151 21.2 17.2 25.8

153 14.2 11.8 17.8



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: 42.745 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

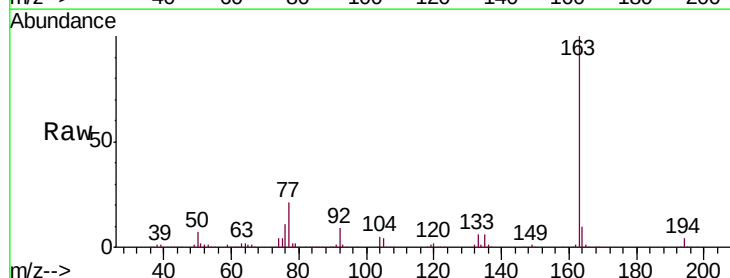
Tgt Ion:163 Resp: 962420

Ion Ratio Lower Upper

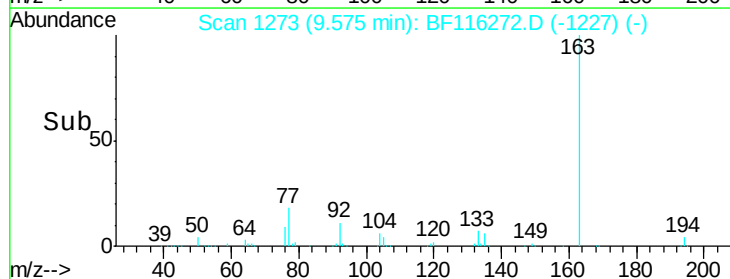
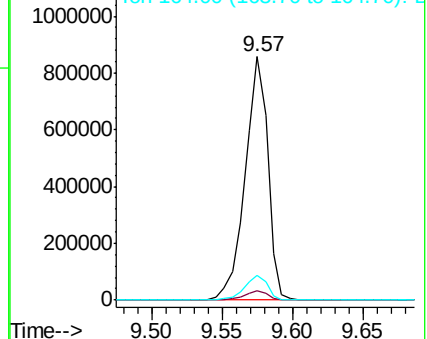
163 100

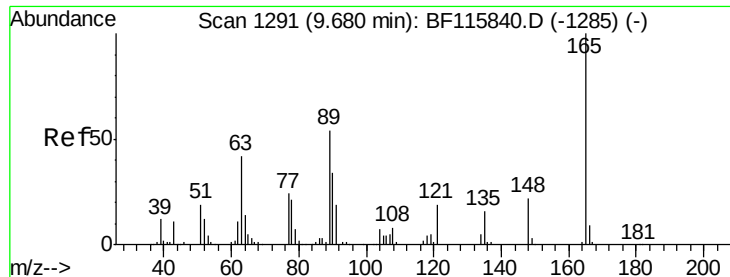
194 3.8 3.0 4.6

164 10.4 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

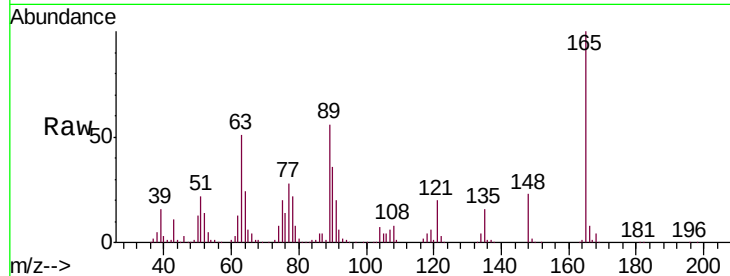




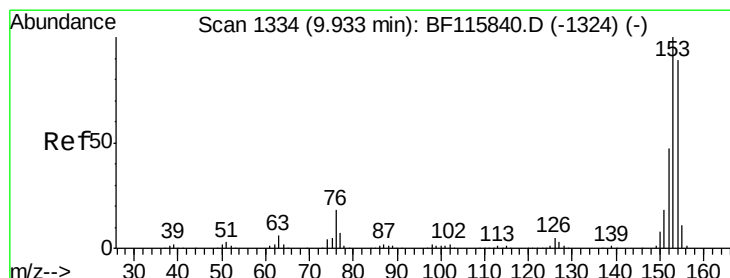
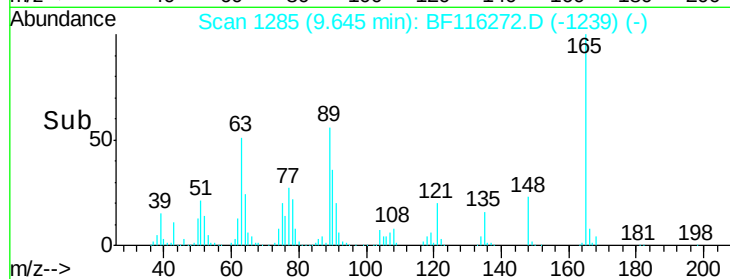
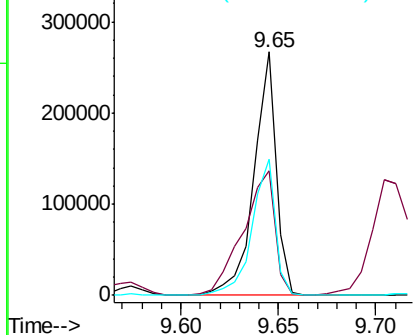
#51
 2,6-Dinitrotoluene
 Concen: 43.260 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	38.2	57.2
89	56.1	42.9	64.3

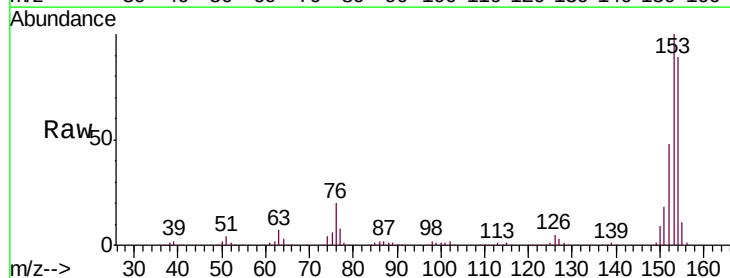


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

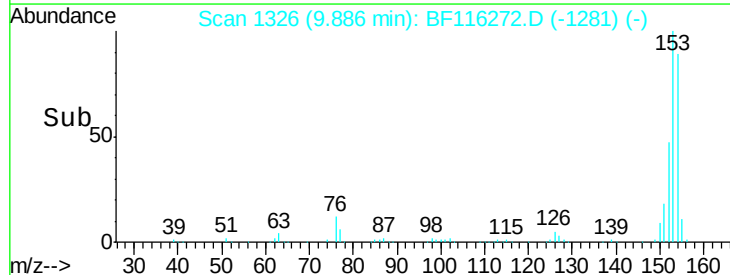
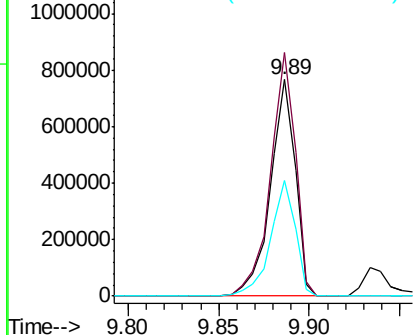


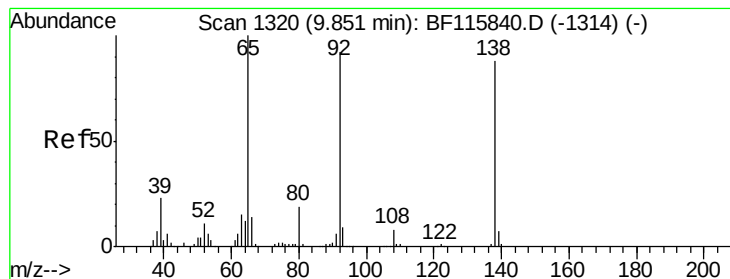
#52
 Acenaphthene
 Concen: 42.081 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.4	134.0
152	53.6	42.3	63.5



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





#53

3-Nitroaniline

Concen: 28.641 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

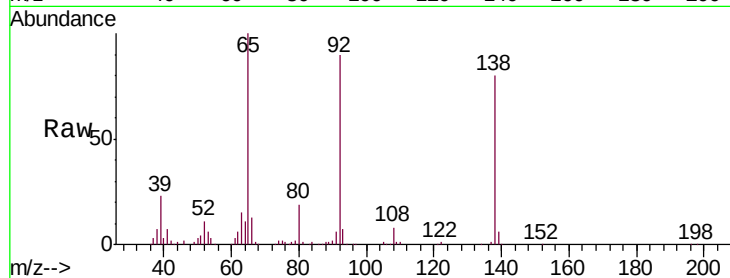
Tgt Ion:138 Resp: 173160

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

92 113.2 91.0 136.6

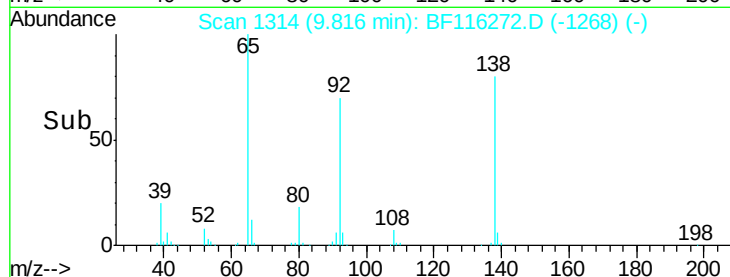


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->

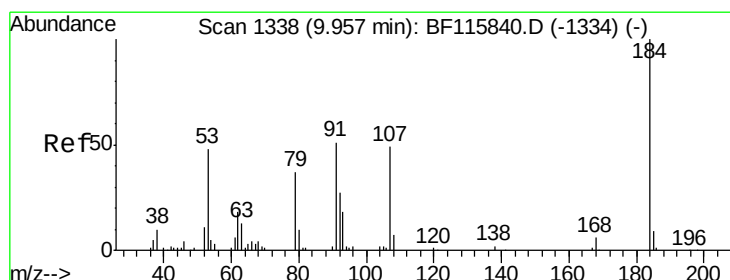


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->



#54

2,4-Dinitrophenol

Concen: 73.773 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

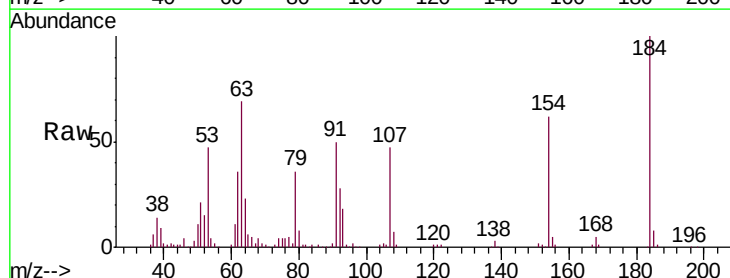
Tgt Ion:184 Resp: 181919

Ion Ratio Lower Upper

184 100

63 68.9 53.0 79.4

154 61.8 50.1 75.1

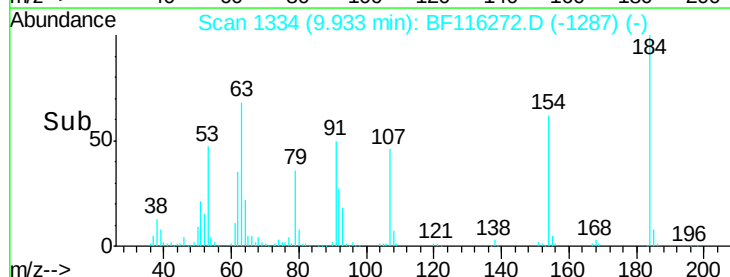


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

Time-->

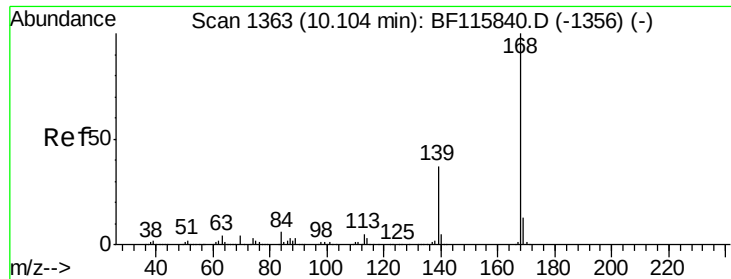


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

Time-->



#55

Dibenzofuran

Concen: 40.468 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

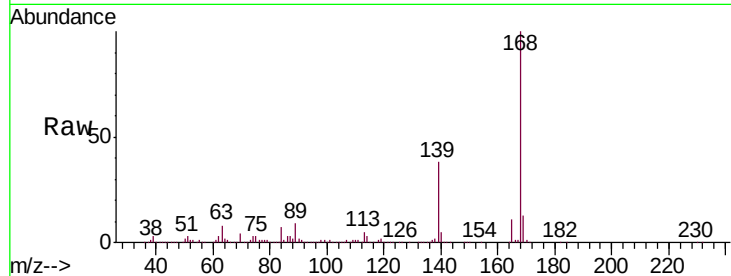
Tgt Ion:168 Resp: 1023459

Ion Ratio Lower Upper

168 100

139 38.4 31.4 47.2

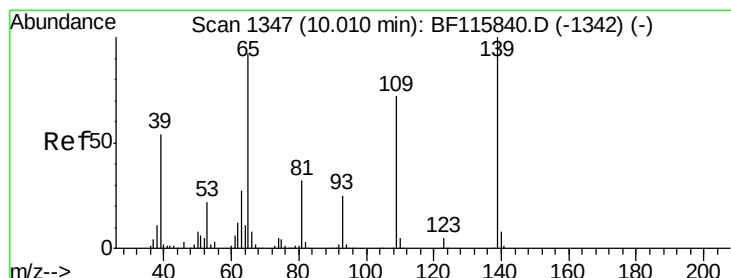
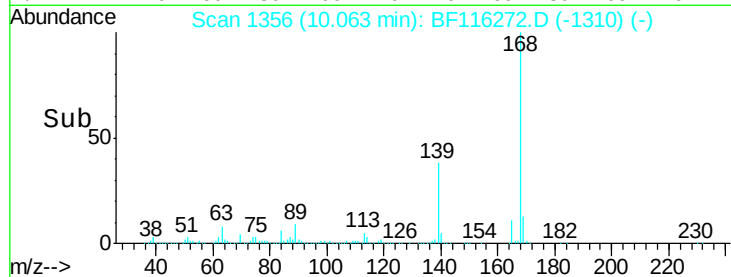
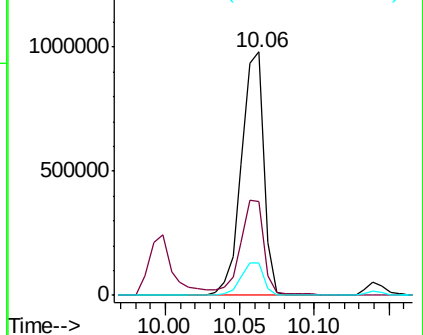
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.673 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

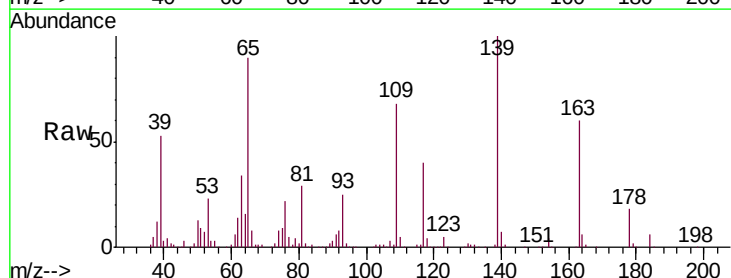
Tgt Ion:139 Resp: 269845

Ion Ratio Lower Upper

139 100

109 67.6 54.4 94.4

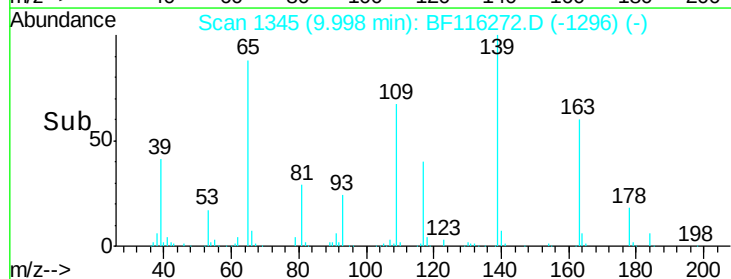
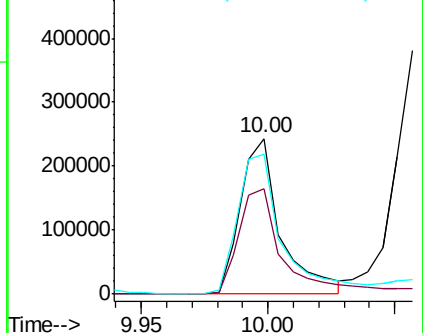
65 89.7 80.6 120.6

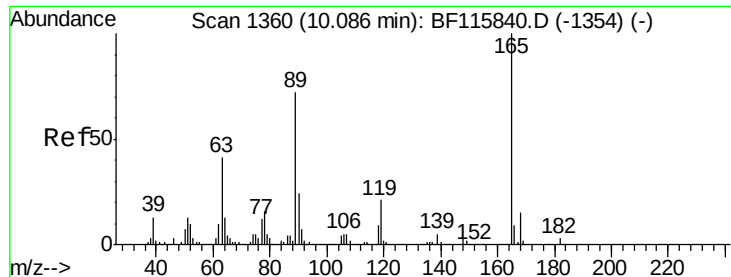


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

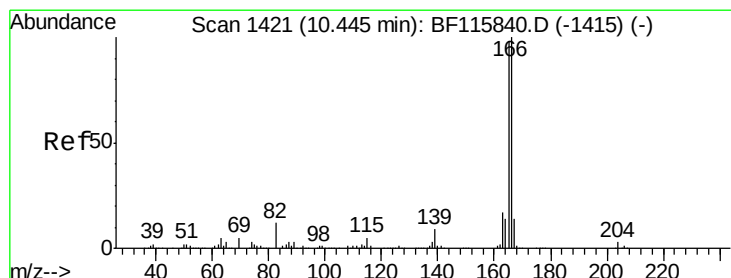
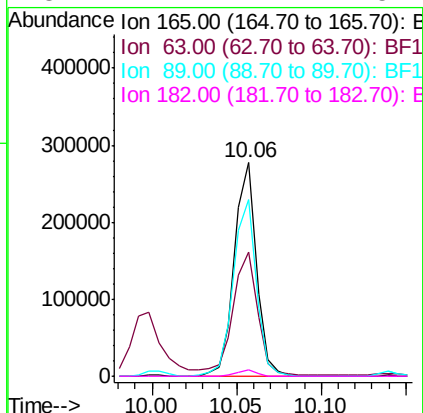
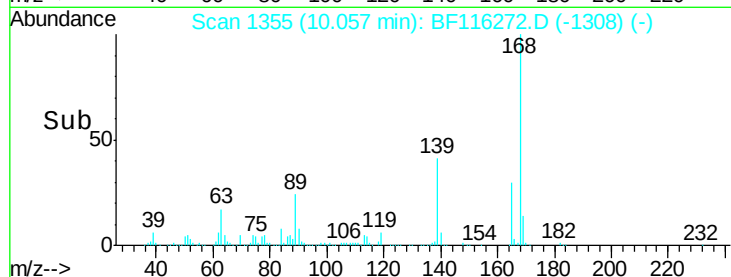
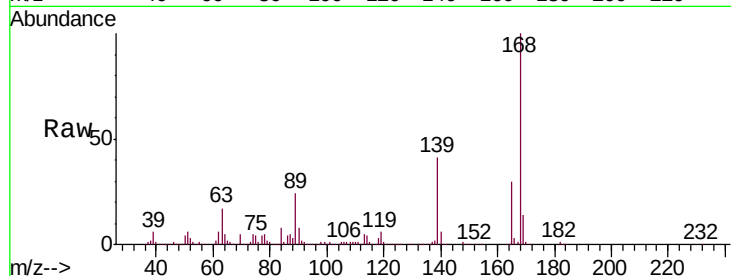




#57
2,4-Dinitrotoluene
Concen: 38.784 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

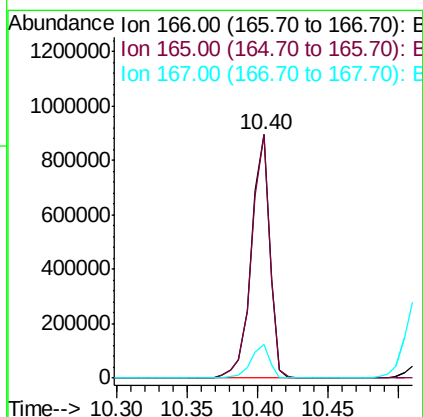
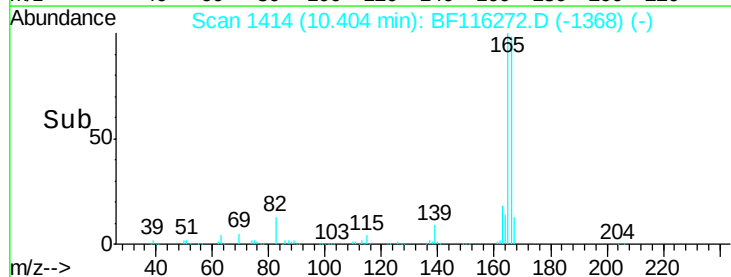
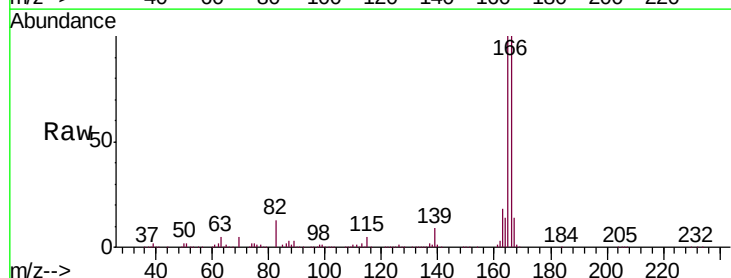
Instrument :
BNA_F
ClientSampleId :
PB122215BS

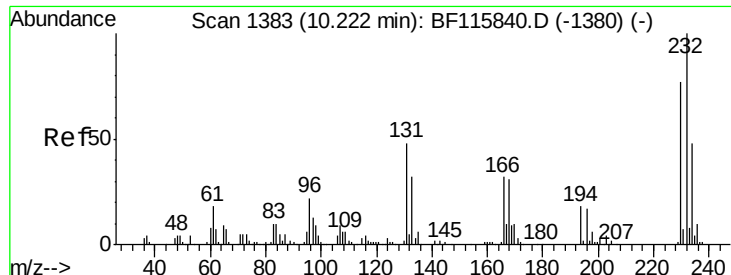
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.1	39.6	59.4
89	82.6	62.2	93.2
182	2.7	2.1	3.1



#58
Fluorene
Concen: 42.386 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.4	117.6
167	13.7	11.0	16.4

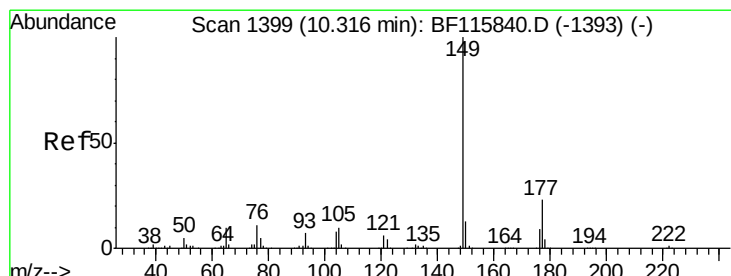
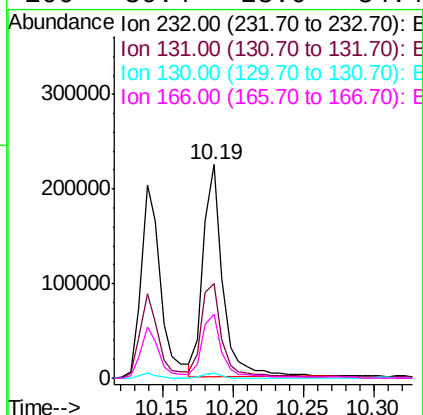
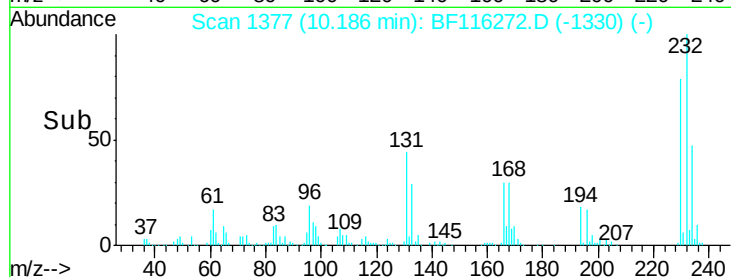
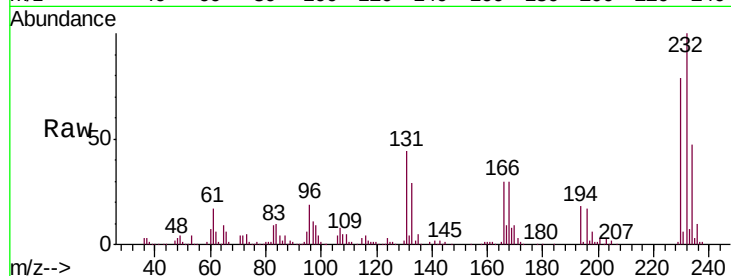




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.481 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

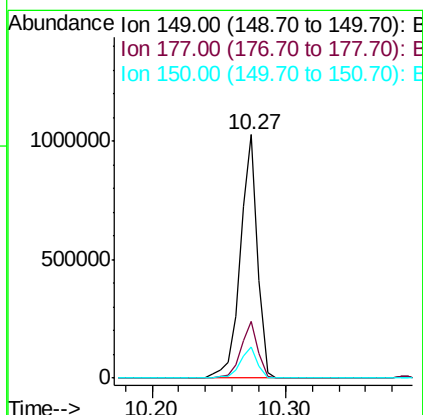
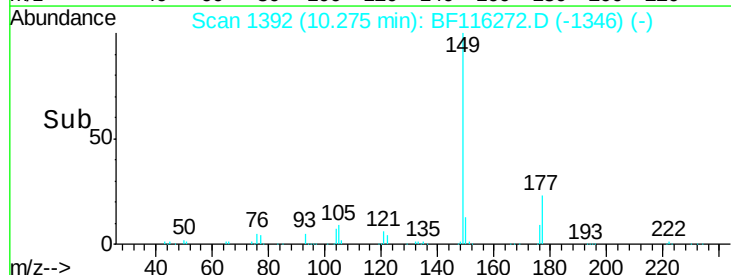
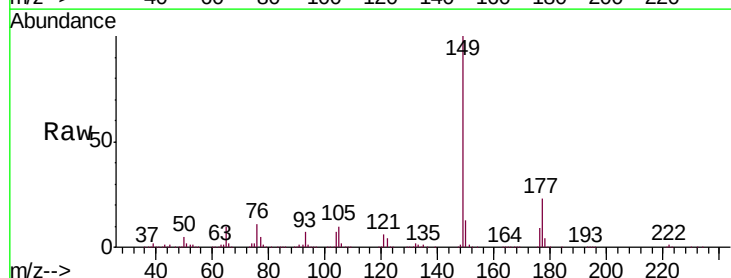
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

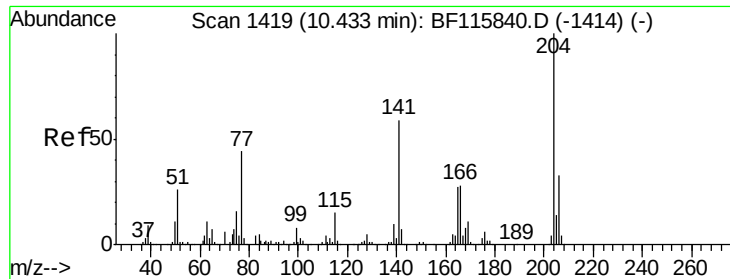
Tgt Ion:	232	Resp:	219512
Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.2	54.2
130	2.6	1.9	2.9
166	30.4	23.0	34.4



#60
 Diethylphthalate
 Concen: 43.464 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion:	149	Resp:	913664
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.7	10.2	15.4

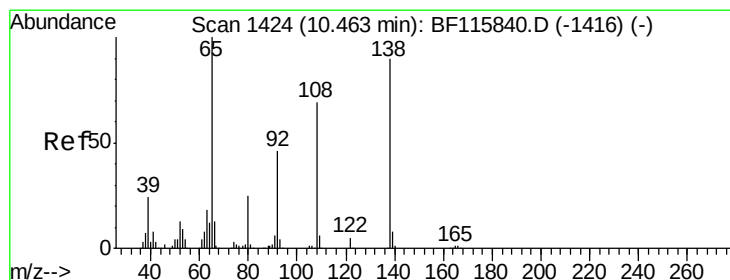
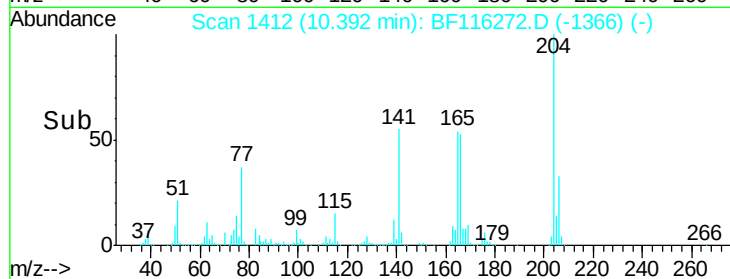
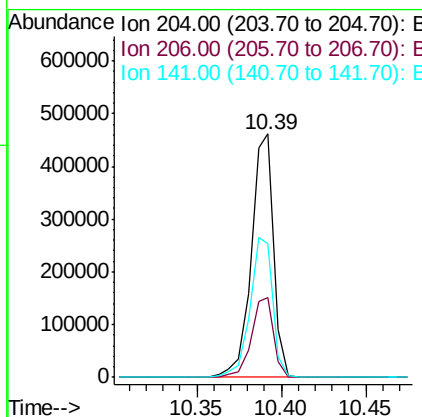
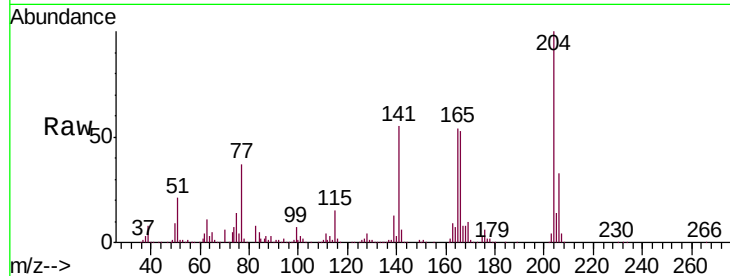




#61
 4-Chlorophenyl-phenylether
 Concen: 43.221 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

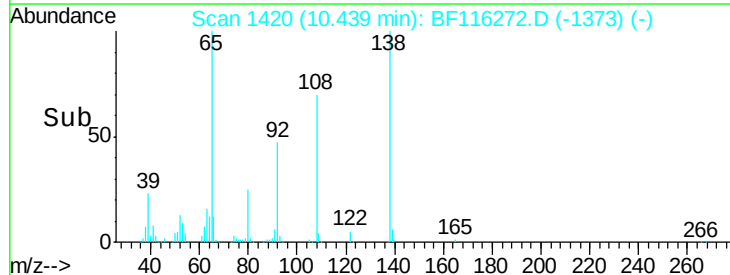
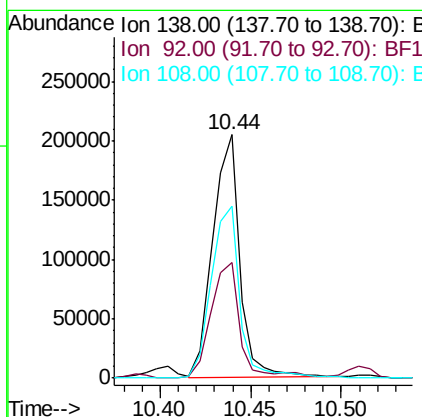
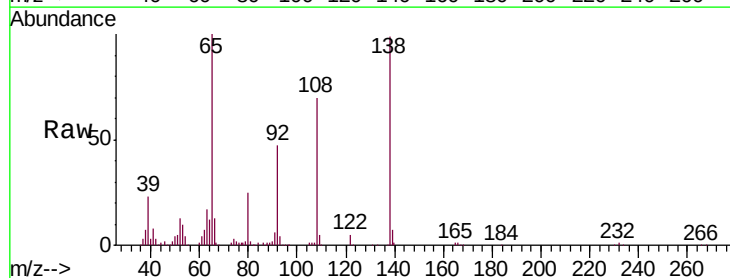
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

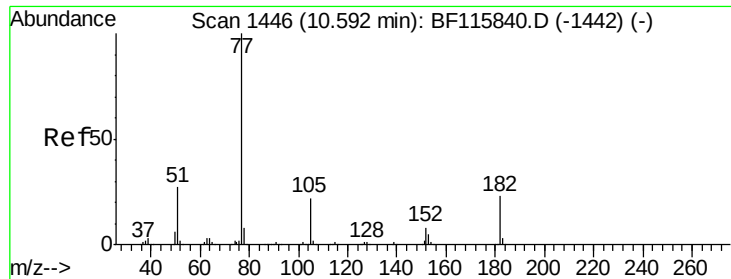
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	54.7	46.4	69.6



#62
 4-Nitroaniline
 Concen: 33.776 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	29.0	69.0
108	70.7	54.7	94.7





#63

Azobenzene

Concen: 43.777 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

Tgt Ion: 77 Resp: 946525

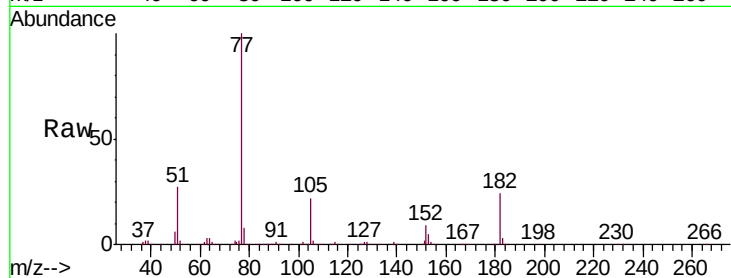
Ion Ratio Lower Upper

77 100

182 24.4 4.0 44.0

105 22.1 2.0 42.0

51 26.7 7.5 47.5

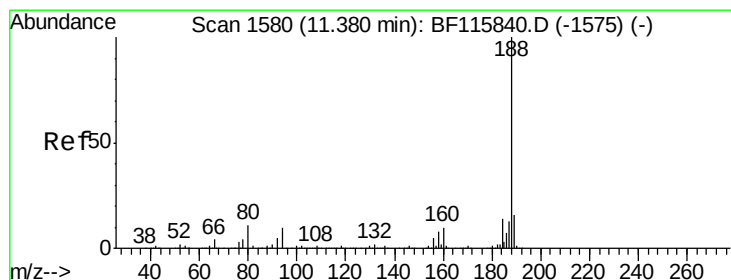
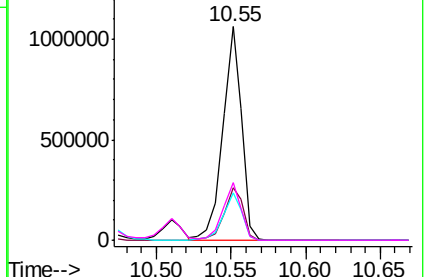
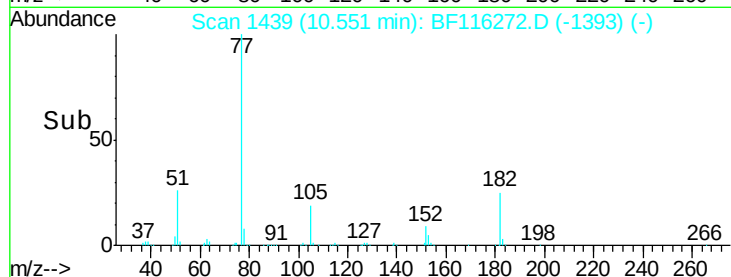


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

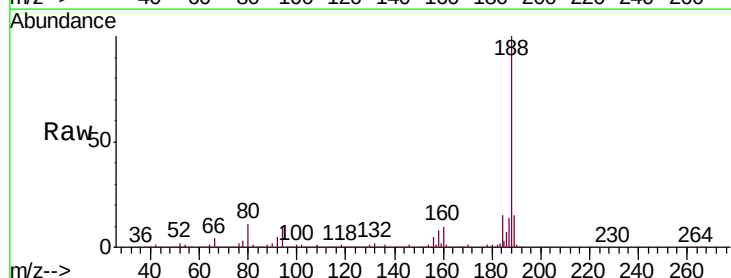
Tgt Ion: 188 Resp: 560648

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

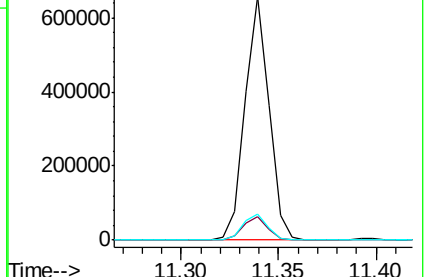
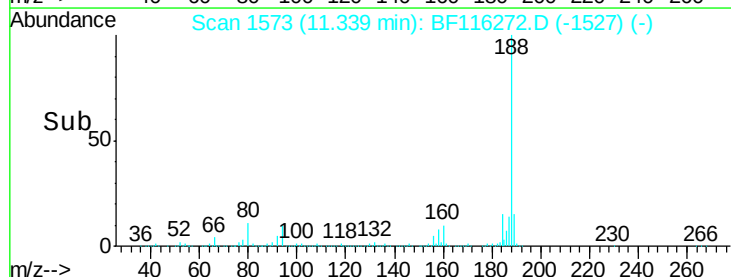
80 10.9 8.7 13.1

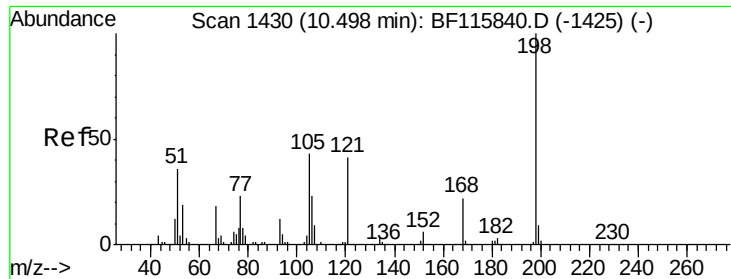


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

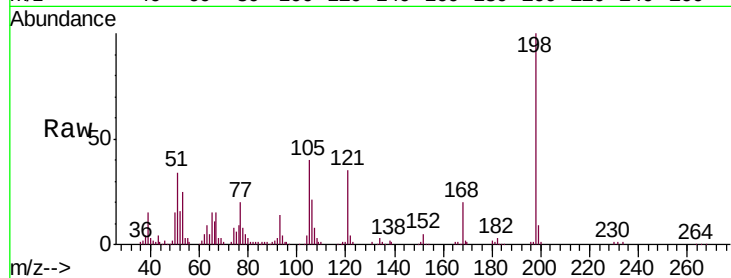




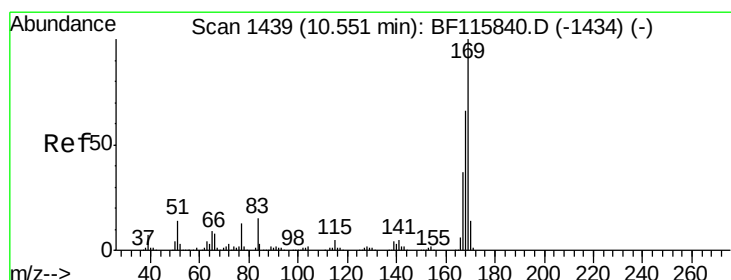
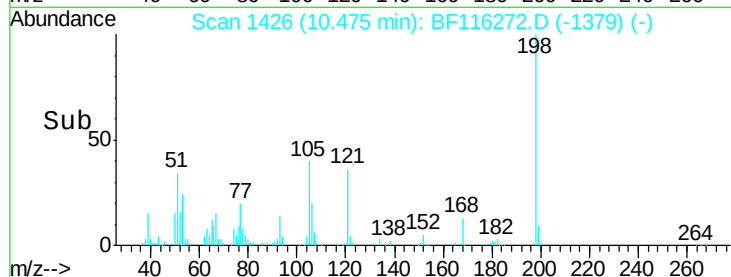
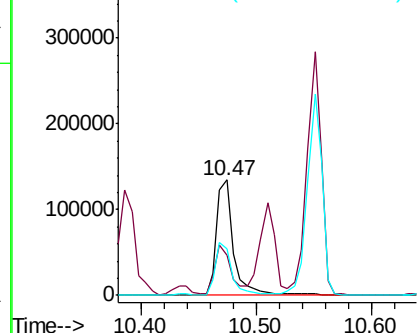
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.900 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.4	17.0	57.0
105	39.8	21.6	61.6

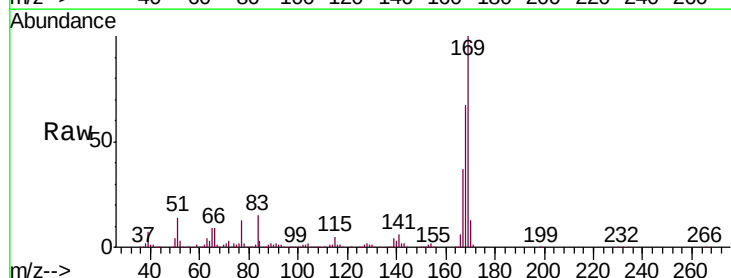


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

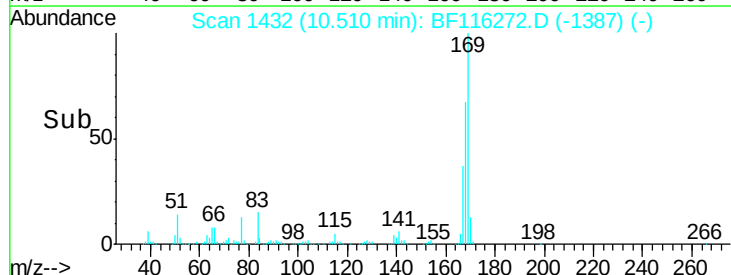
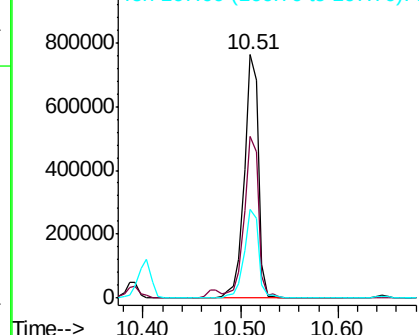


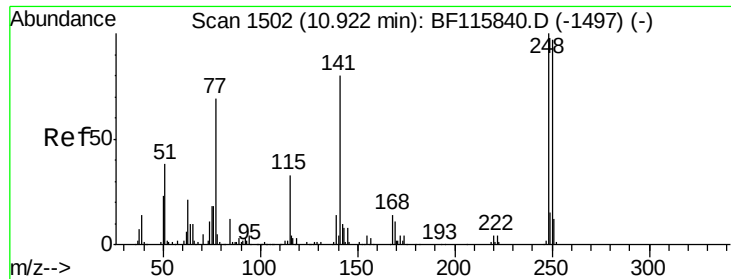
#66
 n-Nitrosodiphenylamine
 Concen: 45.091 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.6
167	36.6	29.6	44.4



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

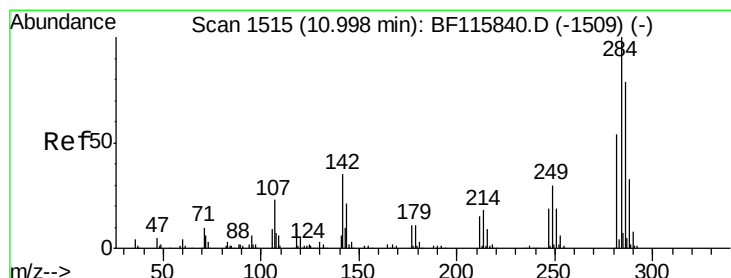
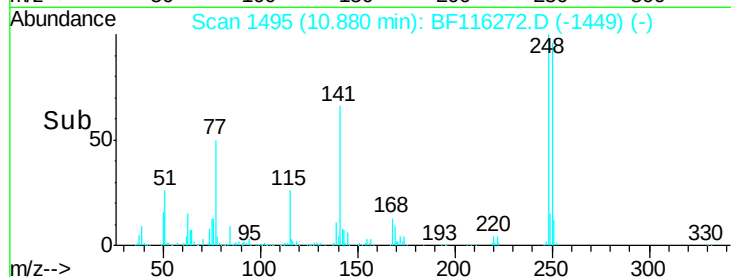
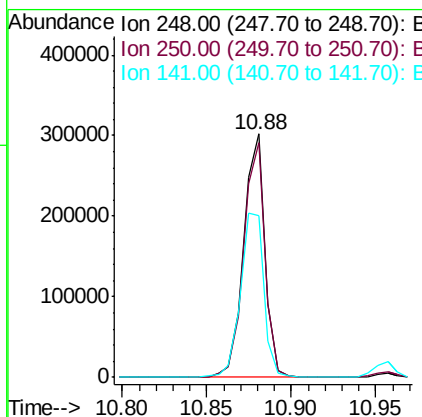
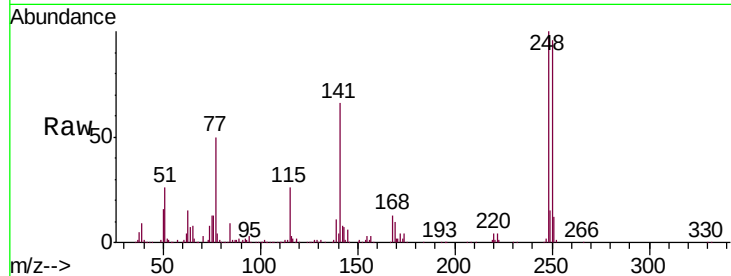




#67
 4-Bromophenyl-phenylether
 Concen: 44.281 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

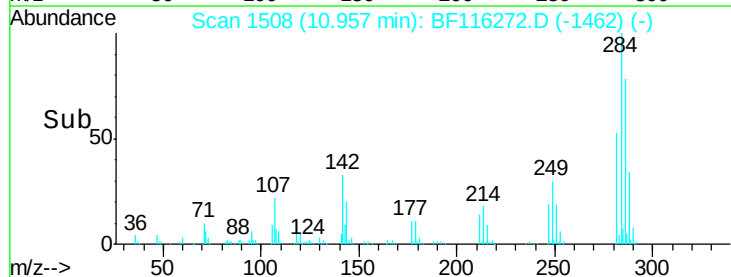
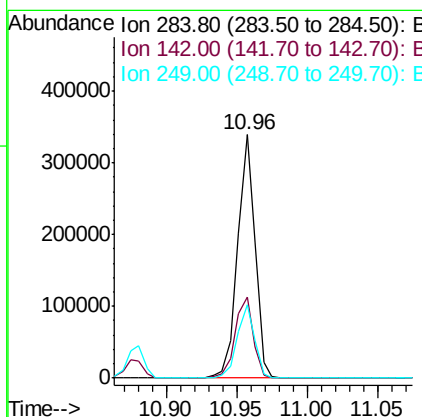
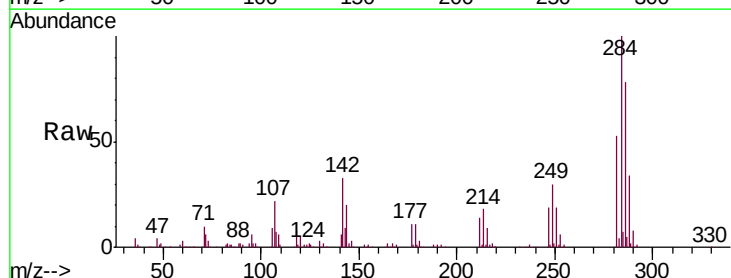
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

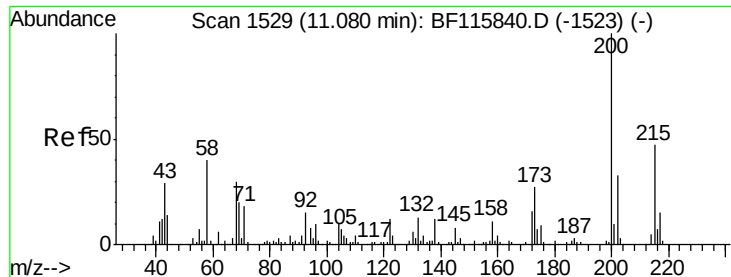
Tgt Ion:248 Resp: 265762
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.4 116.2
 141 66.4 56.8 85.2



#68
 Hexachlorobenzene
 Concen: 42.038 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion:284 Resp: 291743
 Ion Ratio Lower Upper
 284 100
 142 33.4 28.4 42.6
 249 30.4 24.5 36.7





#69

Atrazine

Concen: 42.146 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

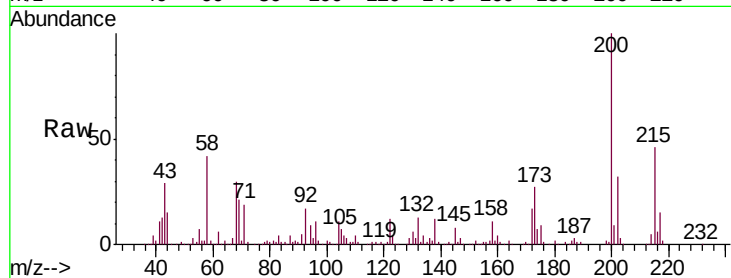
Tgt Ion:200 Resp: 233974

Ion Ratio Lower Upper

200 100

173 26.9 6.8 46.8

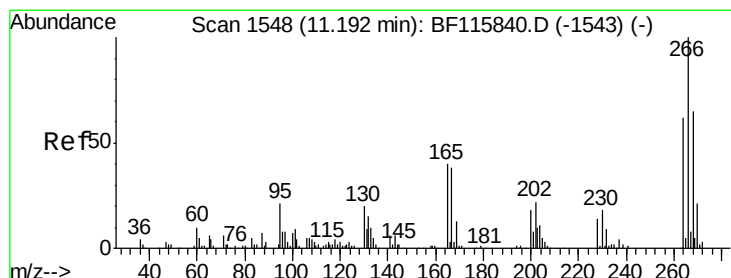
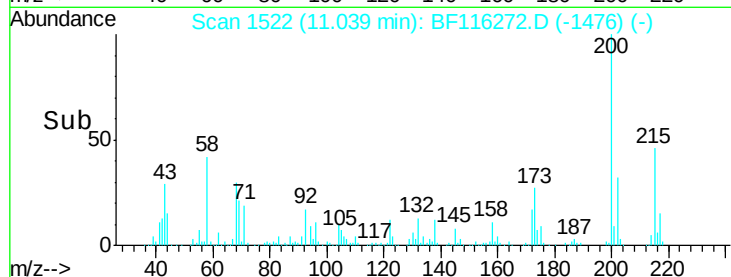
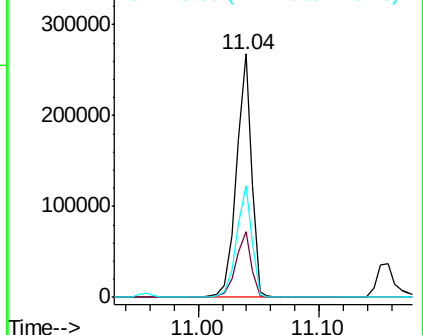
215 46.1 27.5 67.5



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: 77.057 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

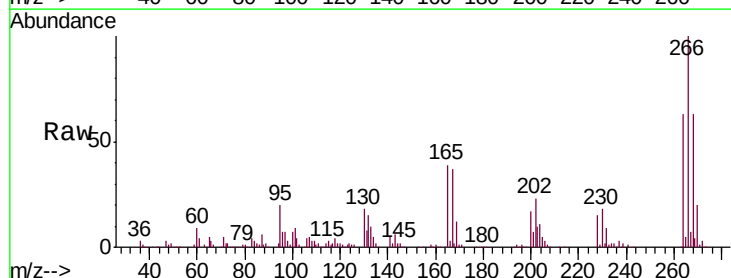
Tgt Ion:266 Resp: 259635

Ion Ratio Lower Upper

266 100

268 63.3 48.8 73.2

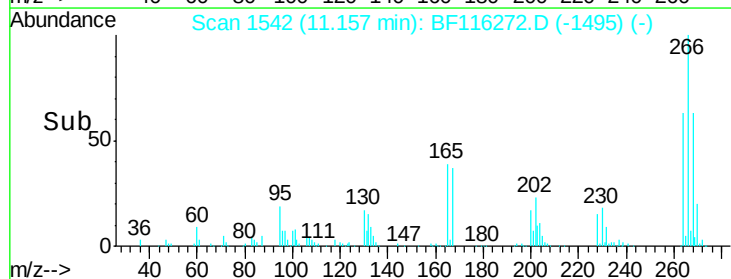
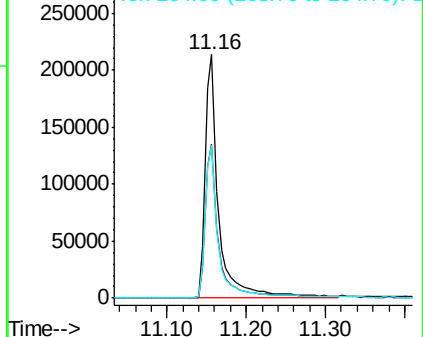
264 62.6 50.6 76.0

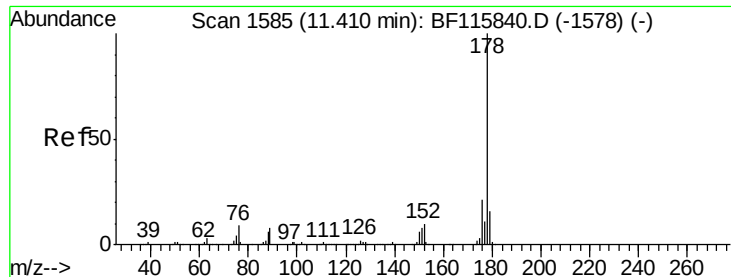


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

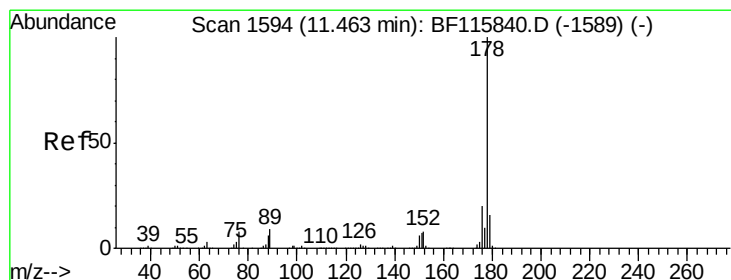
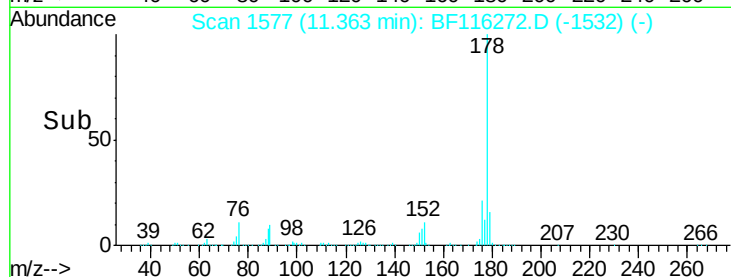
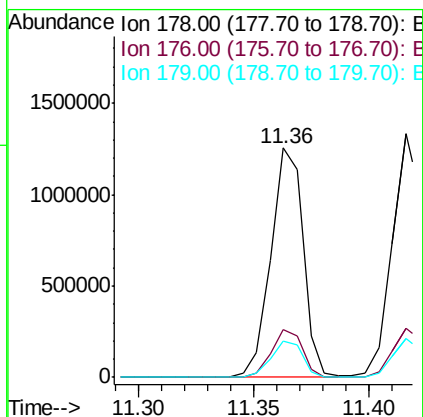
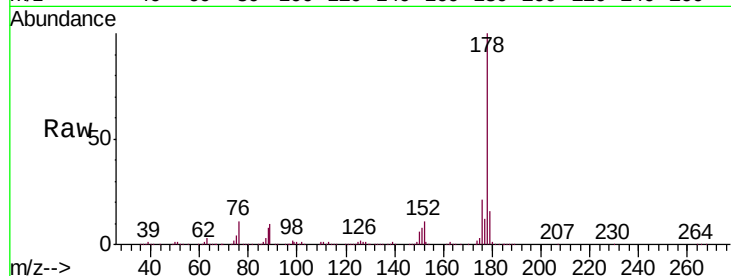




#71
Phenanthrene
Concen: 42.500 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

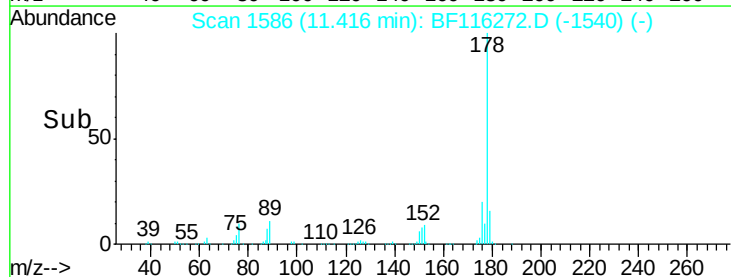
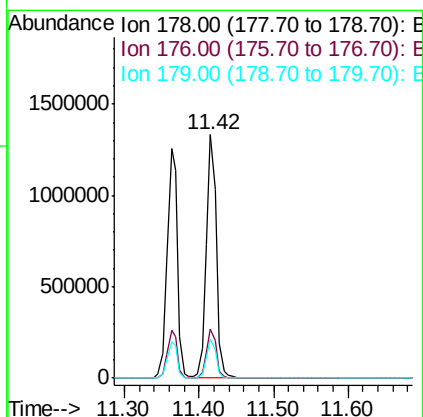
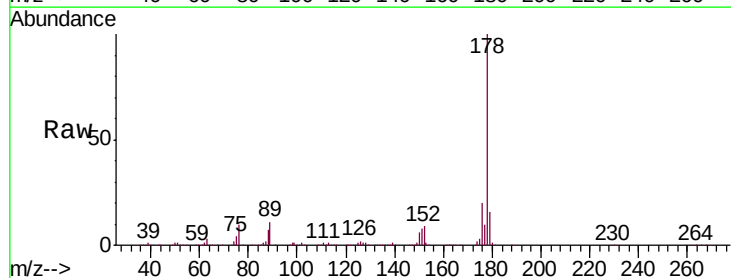
Instrument :
BNA_F
ClientSampleId :
PB122215BS

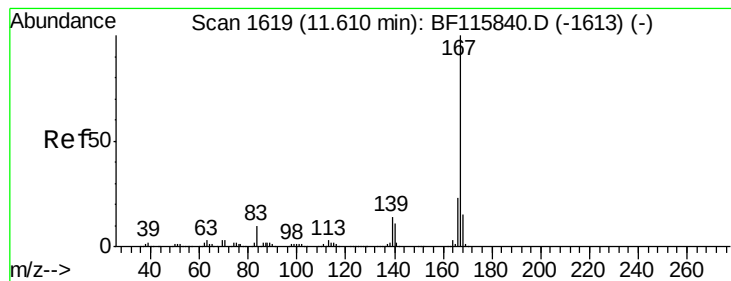
Tgt Ion:178 Resp: 1218104
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 15.9 12.5 18.7



#72
Anthracene
Concen: 43.582 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion:178 Resp: 1264182
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.0 13.0 19.6





#73

Carbazole

Concen: 42.644 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

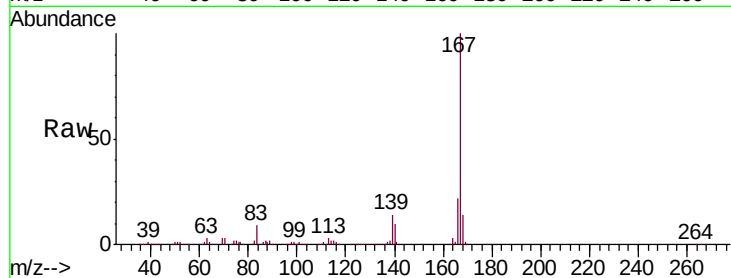
Tgt Ion:167 Resp: 1122230

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

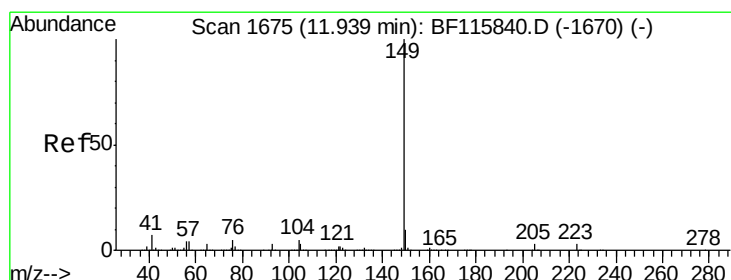
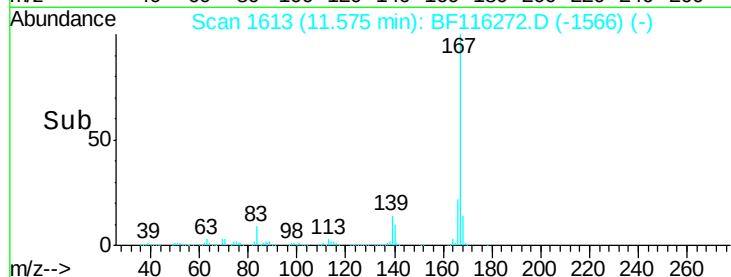
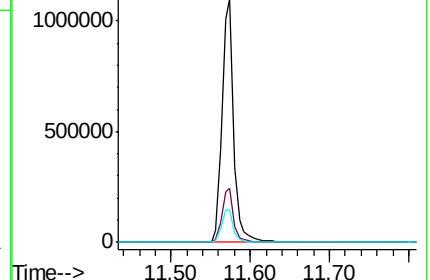
139 13.6 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.827 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

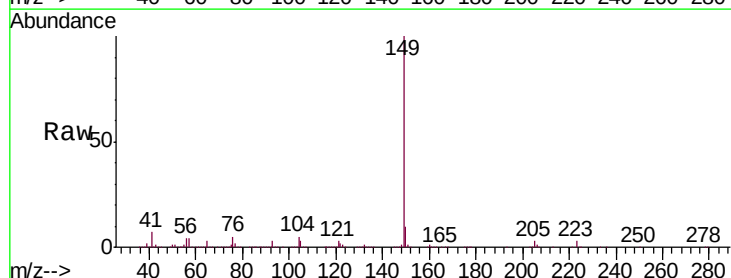
Tgt Ion:149 Resp: 1406849

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

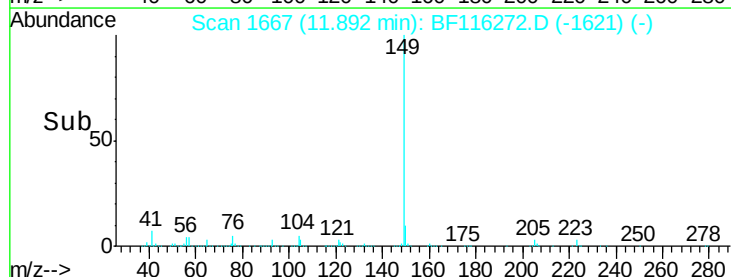
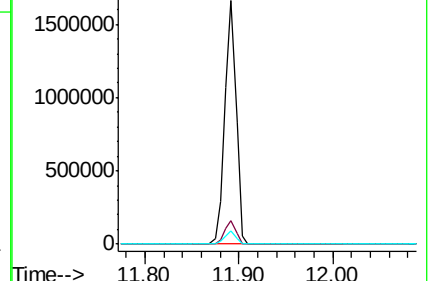
104 5.4 4.5 6.7

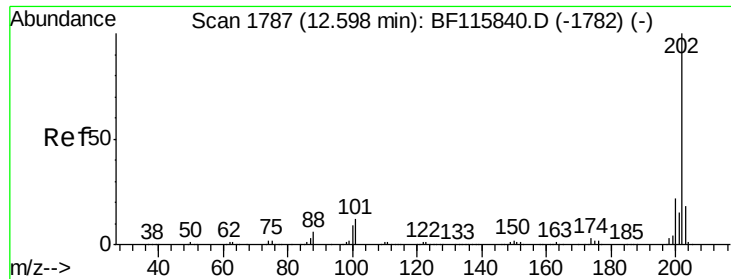


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

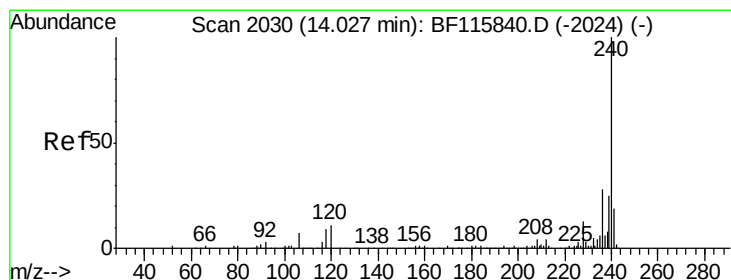
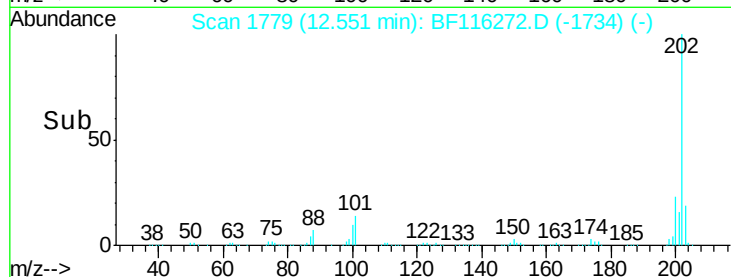
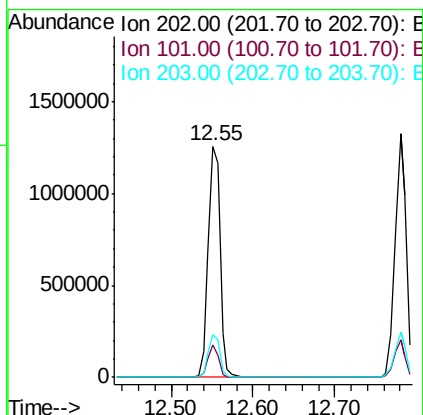
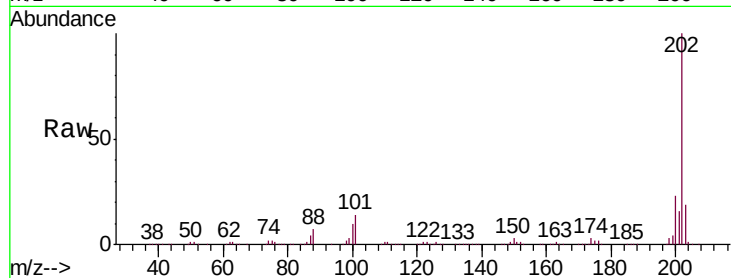




#75
 Fluoranthene
 Concen: 41.980 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.04 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

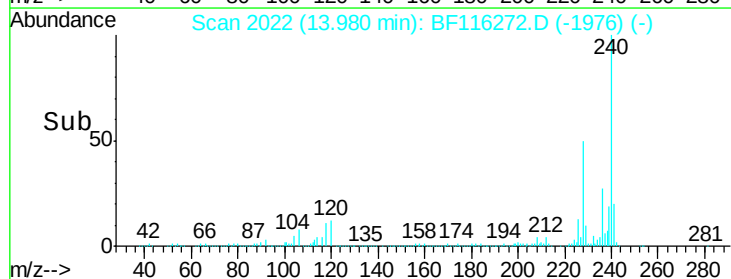
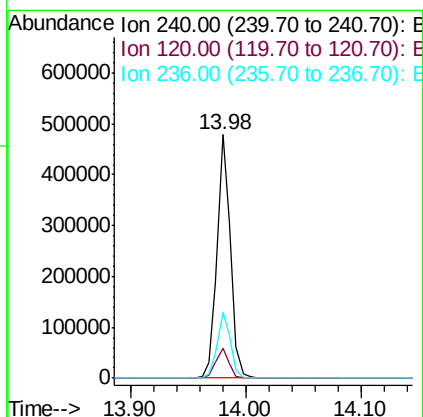
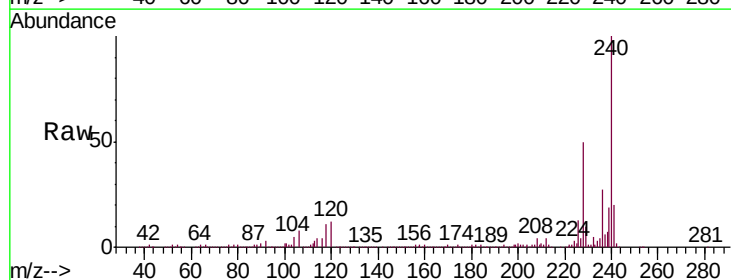
Instrument :
 BNA_F
 ClientSampleId :
 PB122215BS

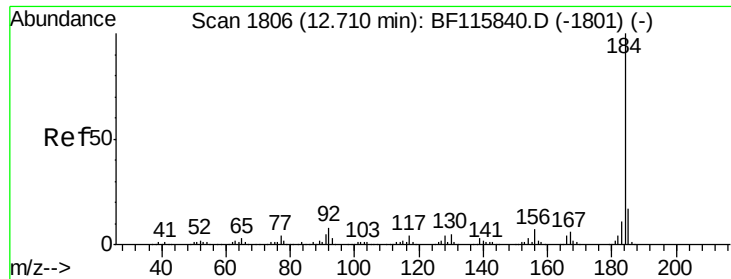
Tgt Ion: 202 Resp: 1259639
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 31.2
 203 18.6 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116272.D
 Acq: 15 Aug 2019 12:02

Tgt Ion: 240 Resp: 383821
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.7 16.1
 236 27.0 22.2 33.2





#77

Benzidine

Concen: 30.045 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

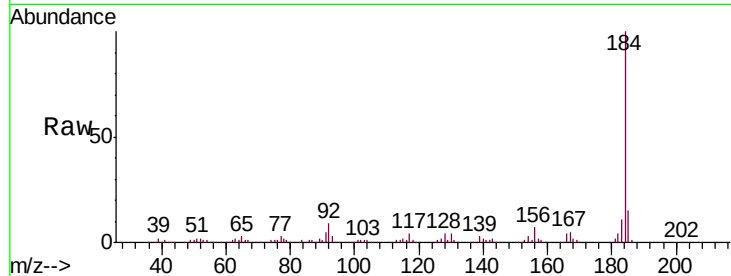
Tgt Ion:184 Resp: 389597

Ion Ratio Lower Upper

184 100

185 15.0 12.8 19.2

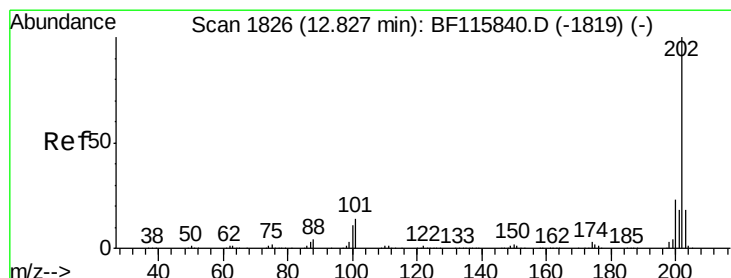
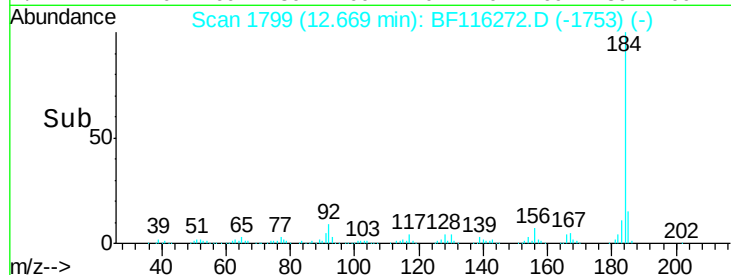
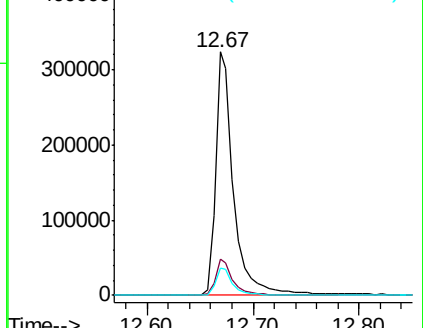
183 11.3 9.4 14.0



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: 44.210 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

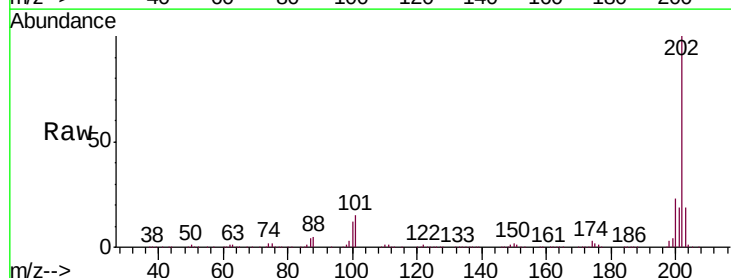
Tgt Ion:202 Resp: 1279117

Ion Ratio Lower Upper

202 100

200 22.9 18.0 27.0

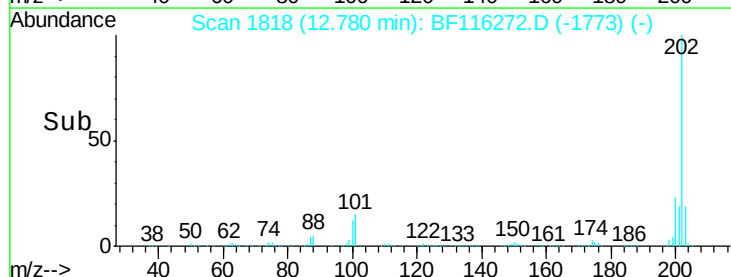
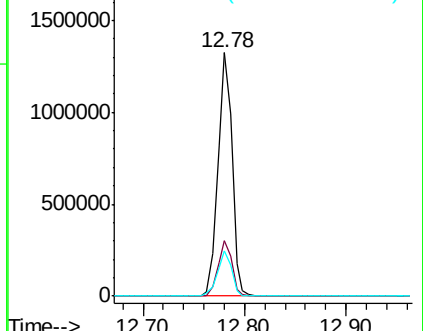
203 18.7 14.1 21.1

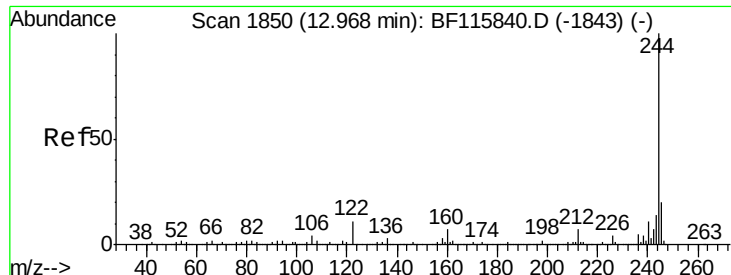


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.857 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

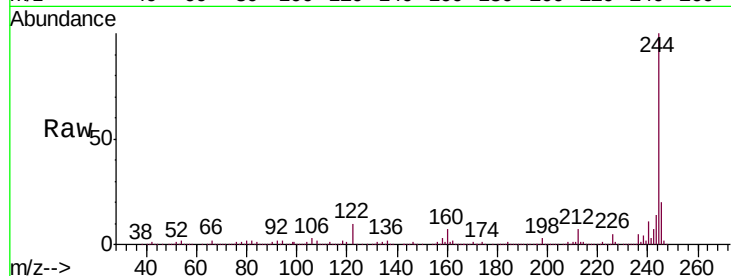
Tgt Ion:244 Resp: 1527466

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

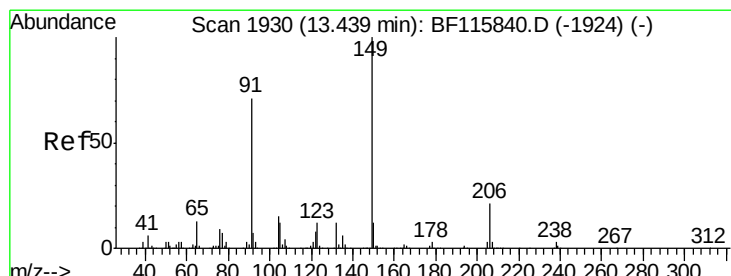
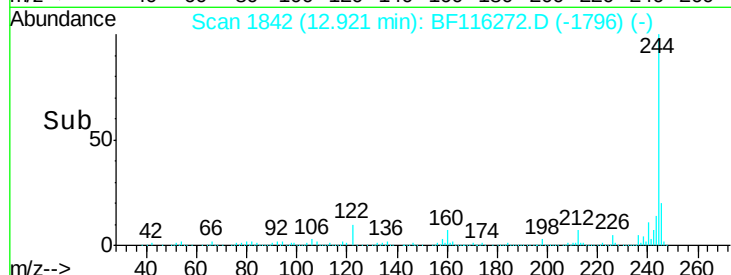
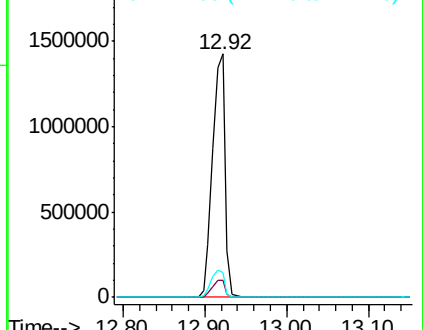
122 10.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.384 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

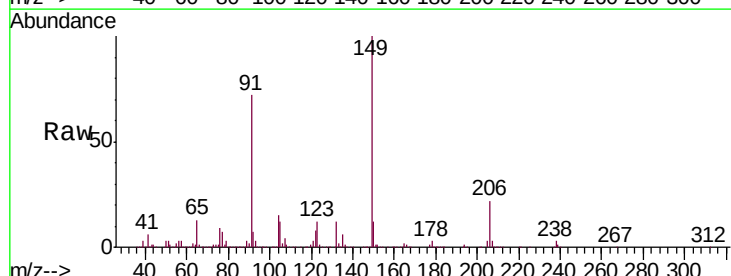
Tgt Ion:149 Resp: 592162

Ion Ratio Lower Upper

149 100

91 72.0 56.3 84.5

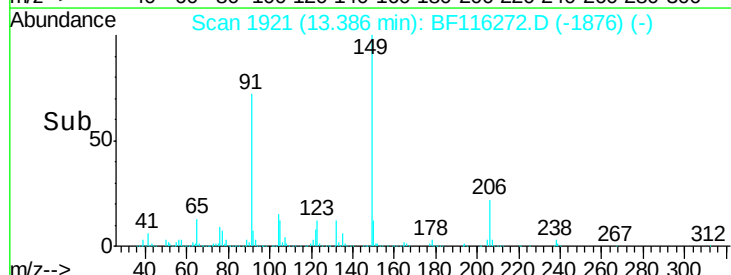
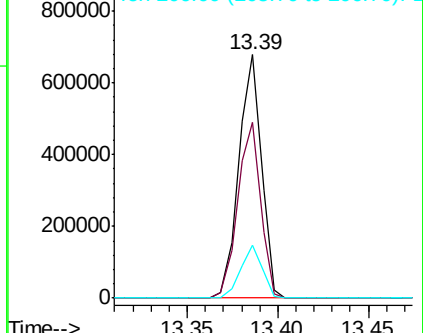
206 21.5 18.0 27.0

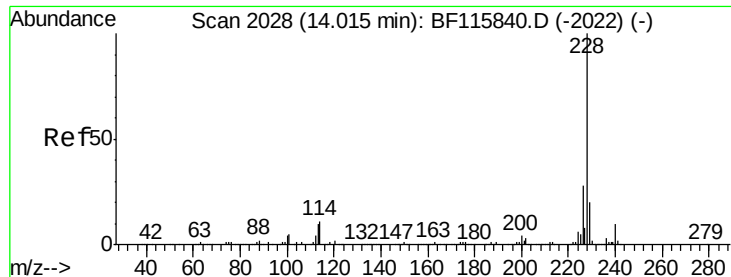


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.056 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

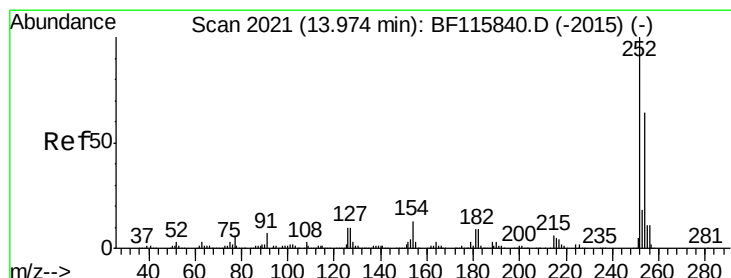
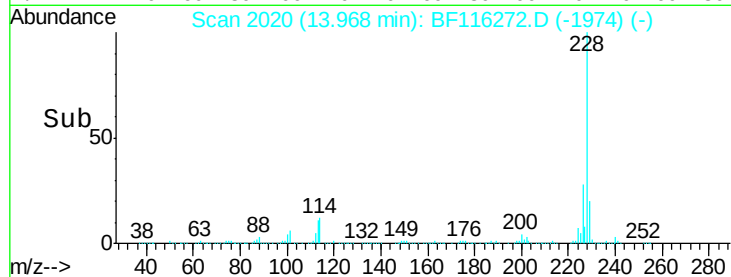
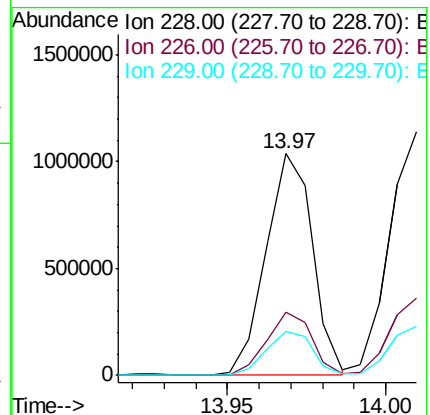
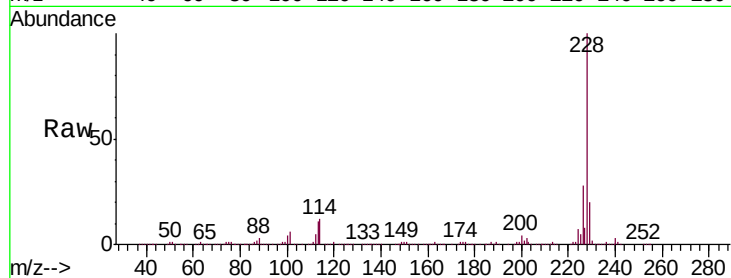
Tgt Ion:228 Resp: 1056277

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

229 20.0 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 38.823 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

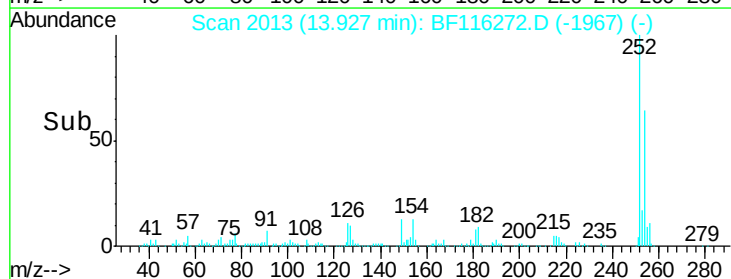
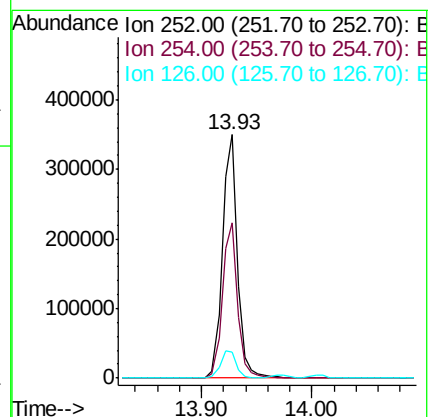
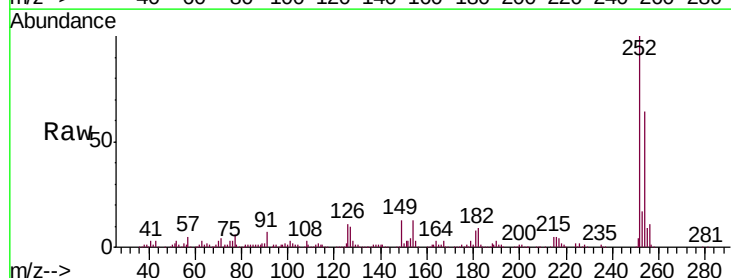
Tgt Ion:252 Resp: 330889

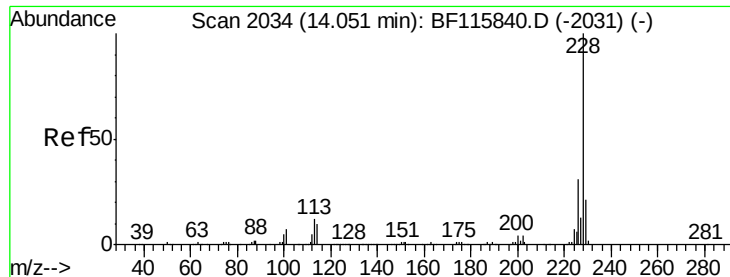
Ion Ratio Lower Upper

252 100

254 64.0 50.9 76.3

126 10.9 9.8 14.8





#83

Chrysene

Concen: 43.232 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

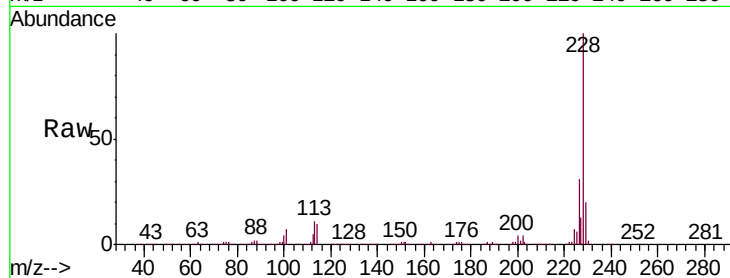
Tgt Ion:228 Resp: 1029655

Ion Ratio Lower Upper

228 100

226 31.5 25.5 38.3

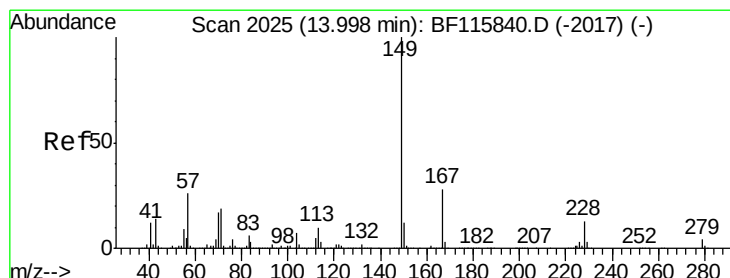
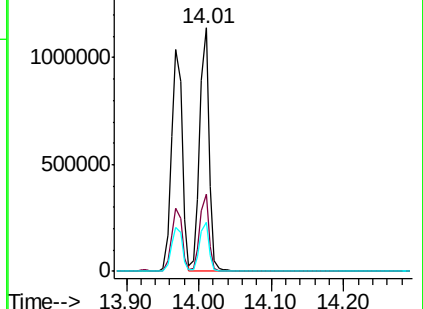
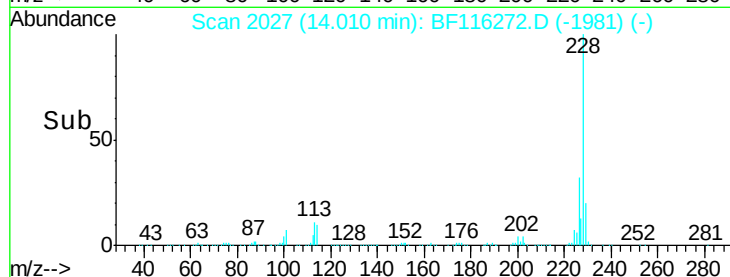
229 20.0 16.6 24.8



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: 53.024 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

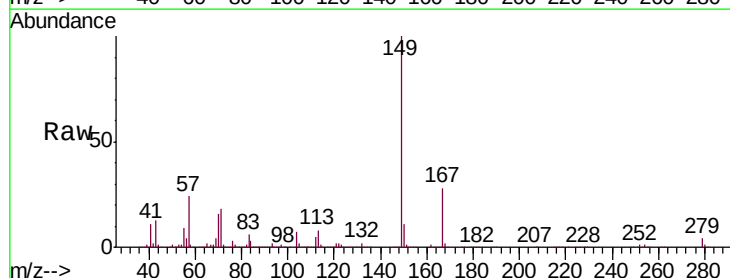
Tgt Ion:149 Resp: 843308

Ion Ratio Lower Upper

149 100

167 28.0 21.6 32.4

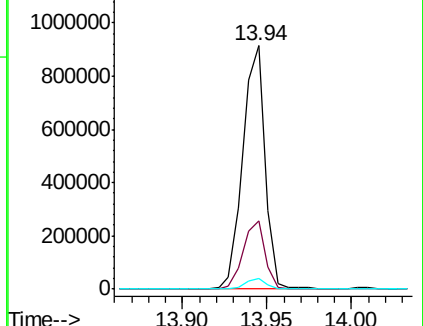
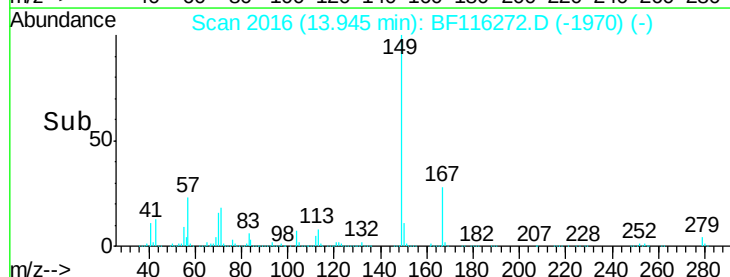
279 4.4 3.0 4.4

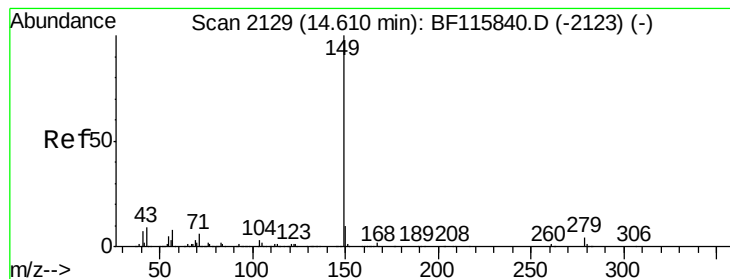


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.806 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

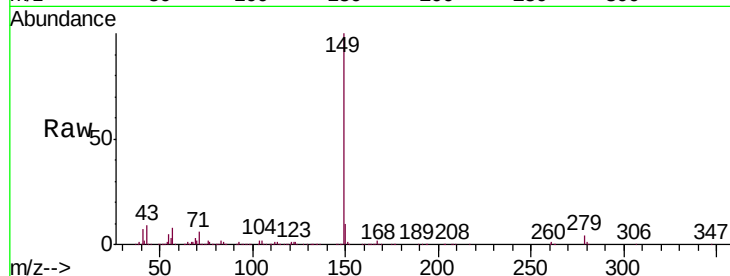
Tgt Ion:149 Resp: 1333975

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

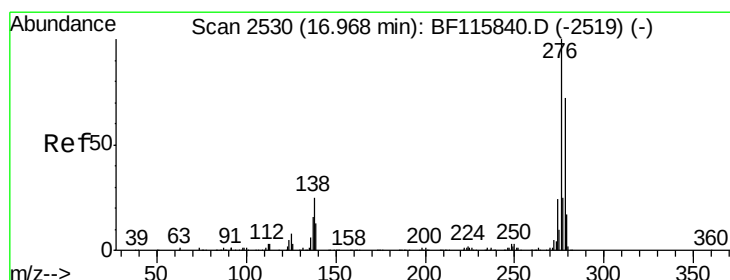
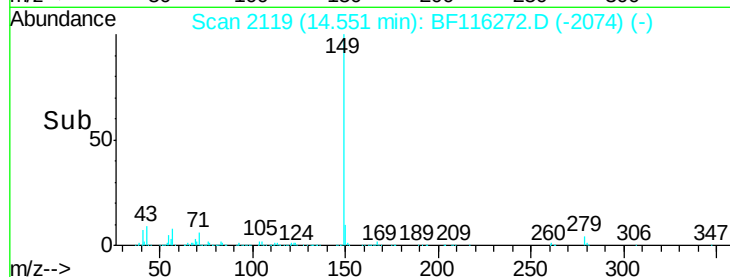
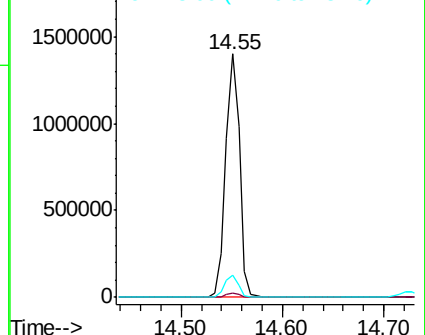
43 9.0 7.5 11.3



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: 43.552 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

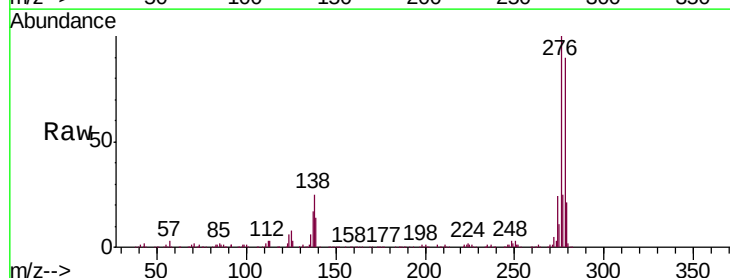
Tgt Ion:276 Resp: 871207

Ion Ratio Lower Upper

276 100

138 25.6 20.4 30.6

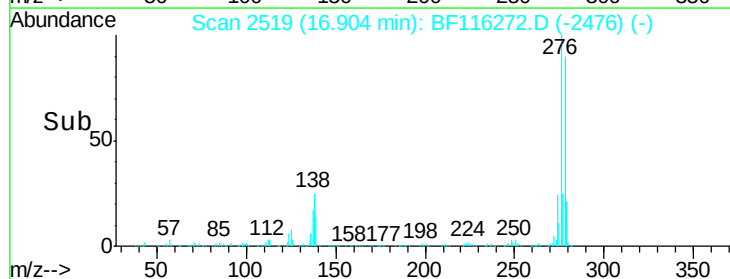
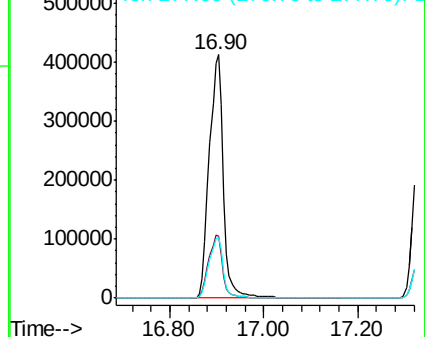
277 25.3 20.0 30.0

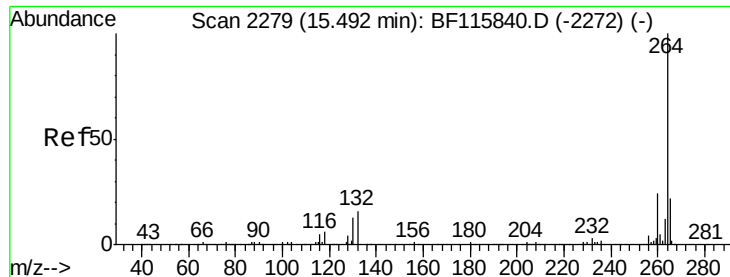


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



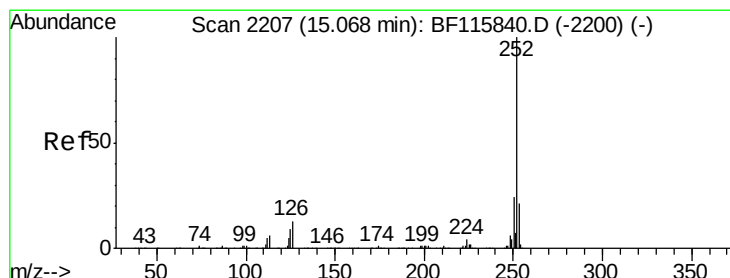
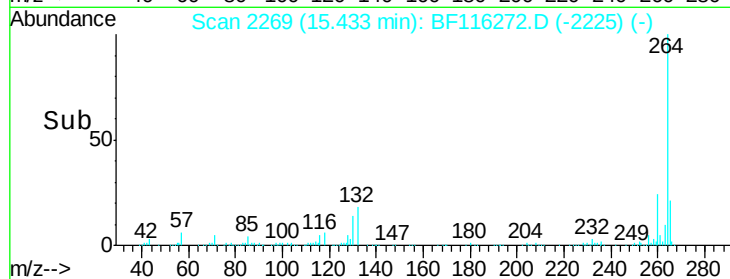
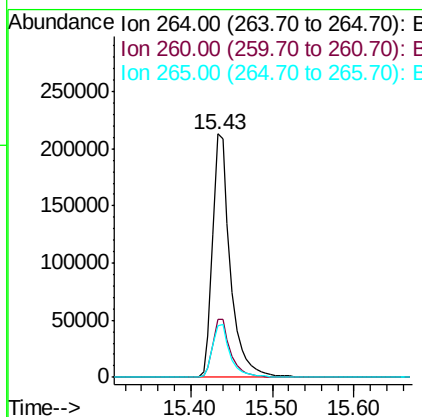
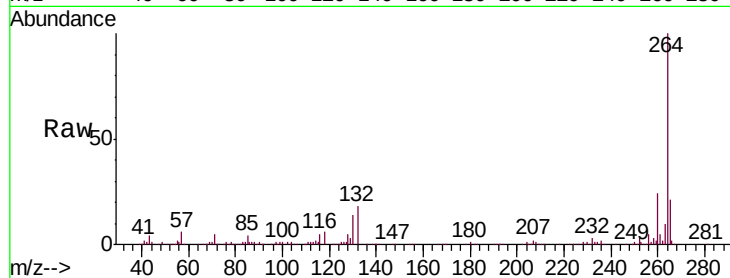


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Tgt Ion: 264 Resp: 322615

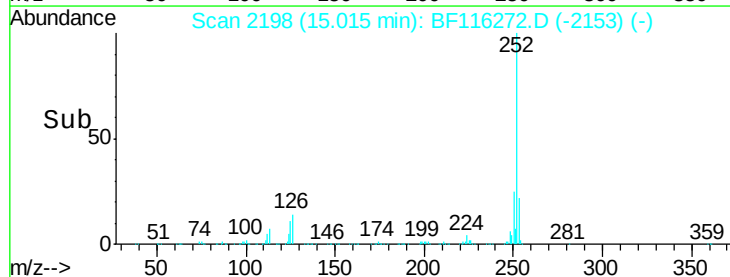
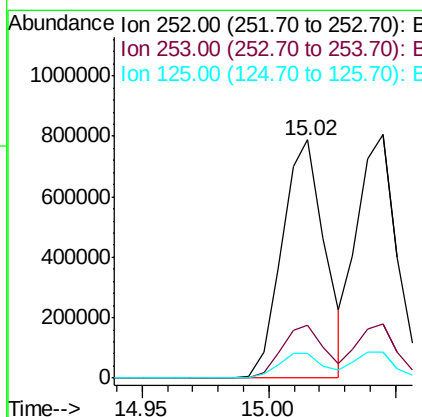
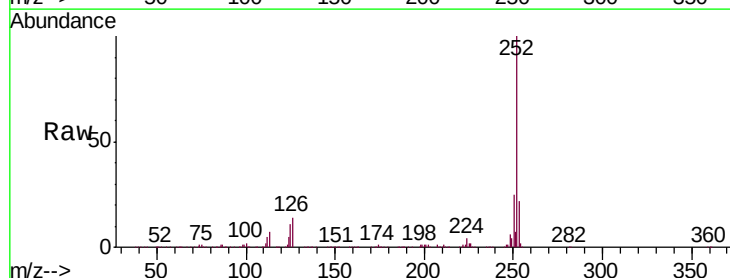
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.4	17.4	26.0

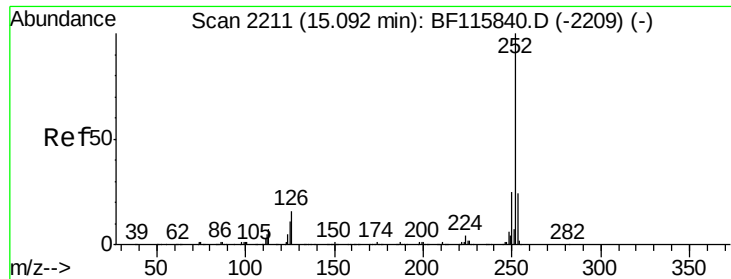


#88
Benzo(b)fluoranthene
Concen: 49.853 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116272.D
Acq: 15 Aug 2019 12:02

Tgt Ion: 252 Resp: 929962

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.5	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 49.946 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

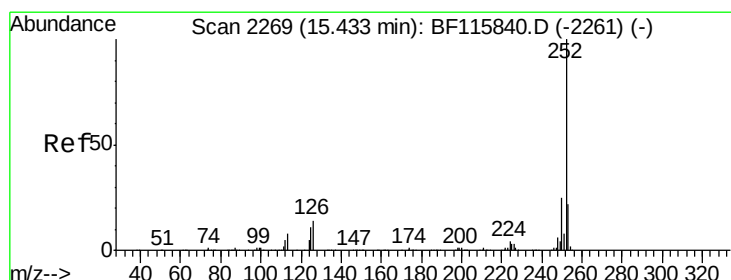
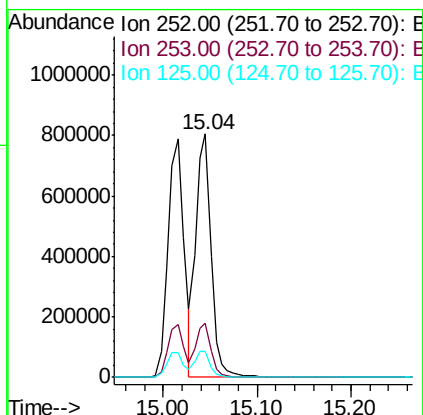
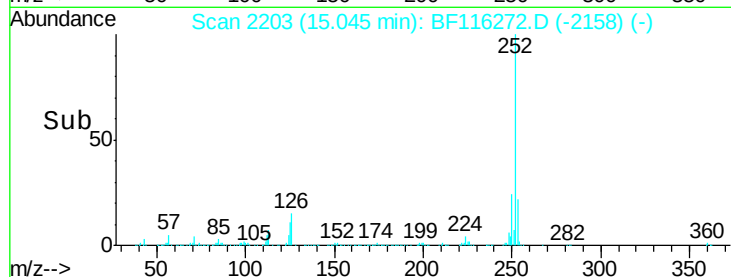
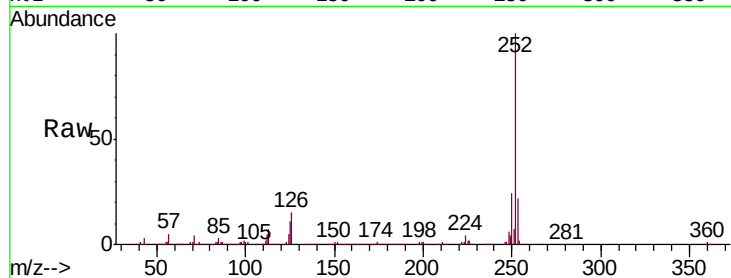
Tgt Ion:252 Resp: 907470

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.5 7.7 11.5



#90

Benzo(a)pyrene

Concen: 51.575 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.04 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

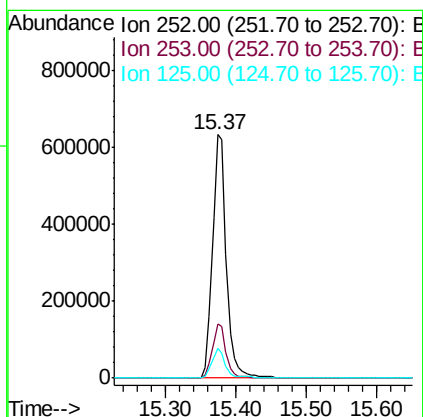
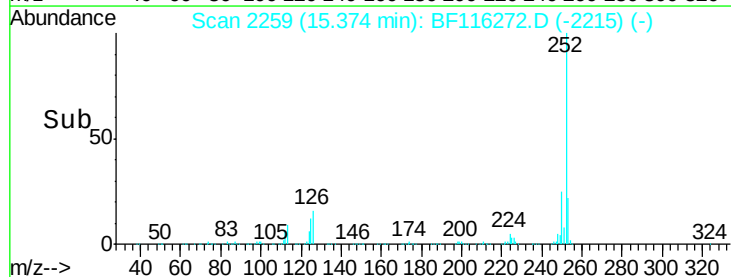
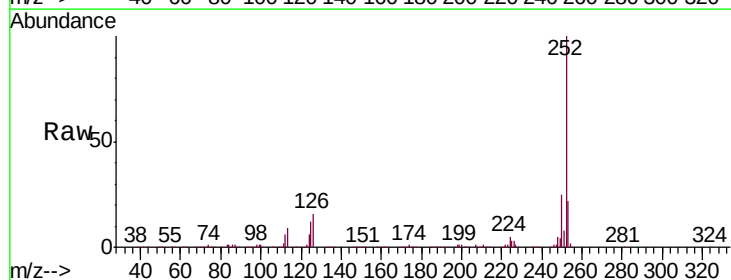
Tgt Ion:252 Resp: 860018

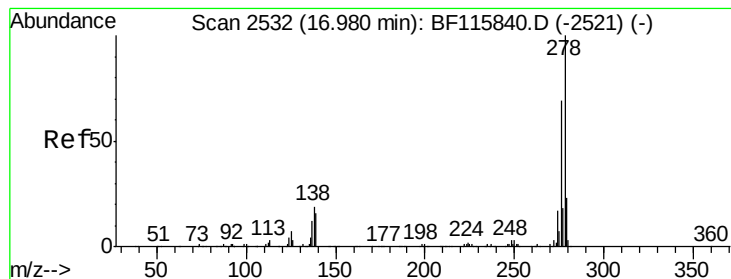
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 12.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 50.911 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB122215BS

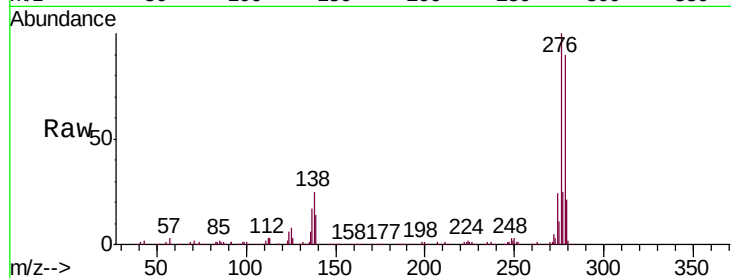
Tgt Ion: 278 Resp: 734855

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

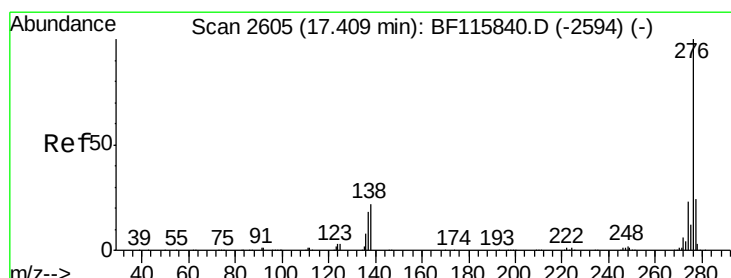
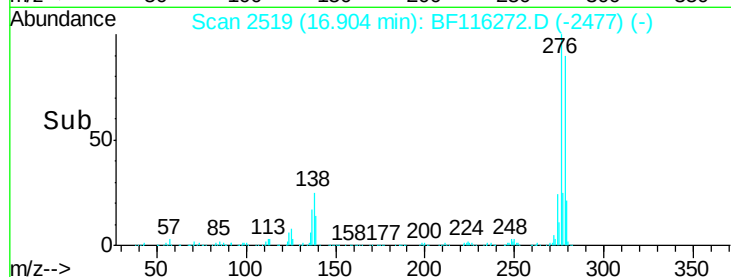
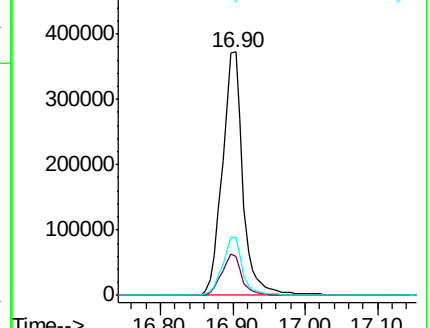
279 23.6 18.8 28.2



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: 50.867 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.05 min

Lab File: BF116272.D

Acq: 15 Aug 2019 12:02

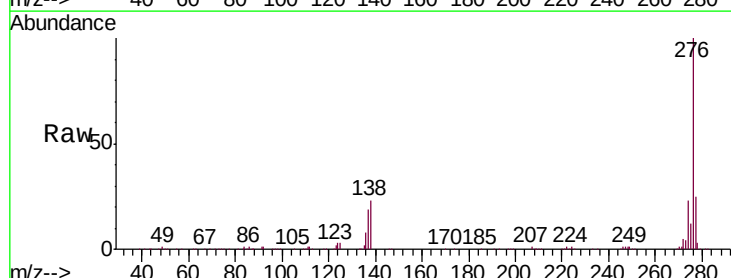
Tgt Ion: 276 Resp: 721082

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 22.7 17.0 25.6



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

