

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116185.D
 Acq On : 12 Aug 2019 12:11
 Operator : HP/JU
 Sample : PB122104BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Quant Time: Aug 12 15:02:04 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	6.83	152	134968	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	563996	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	310599	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	537513	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	372096	20.00	ng	0.00
87) Perylene-d12	15.46	264	299970	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	876914	108.77	ng	0.00
7) Phenol-d6	6.48	99	1095678	107.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	724982	74.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	328359	109.04	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1284652	77.47	ng	-0.01
79) Terphenyl-d14	12.94	244	1463814	82.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	154533	37.941	ng	99
3) Pyridine	3.43	79	344138	30.247	ng	99
4) n-Nitrosodimethylamine	3.38	42	154288	34.363	ng	100
6) Aniline	6.50	93	416615	28.599	ng	# 86
8) 2-Chlorophenol	6.63	128	374342	41.989	ng	99
9) Benzaldehyde	6.39	77	112404	16.015	ng	98
10) Phenol	6.49	94	466552	38.949	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	358638	40.723	ng	98
12) 1,3-Dichlorobenzene	6.77	146	392736	38.117	ng	99
13) 1,4-Dichlorobenzene	6.85	146	401832	38.951	ng	99
14) 1,2-Dichlorobenzene	7.00	146	376316	39.615	ng	99
15) Benzyl Alcohol	6.98	79	305666	39.597	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	473997	39.459	ng	98
17) 2-Methylphenol	7.09	107	313434	41.520	ng	99
18) Hexachloroethane	7.34	117	148070	38.984	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	259488	41.167	ng	99
20) 3+4-Methylphenols	7.25	107	382706	42.840	ng	92
22) Acetophenone	7.25	105	508548	41.114	ng	99
24) Nitrobenzene	7.42	77	414600	39.298	ng	98
25) Isophorone	7.66	82	764709	40.931	ng	99
26) 2-Nitrophenol	7.73	139	208424	41.910	ng	97
27) 2,4-Dimethylphenol	7.77	122	336944	45.034	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	472972	40.844	ng	100
29) 2,4-Dichlorophenol	7.98	162	330609	41.849	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	350037	38.870	ng	99
31) Naphthalene	8.13	128	1091837	41.139	ng	99
32) Benzoic acid	7.93	122	192492	36.491	ng	94
33) 4-Chloroaniline	8.19	127	317931	26.810	ng	99
34) Hexachlorobutadiene	8.25	225	196124	37.811	ng	99
35) Caprolactam	8.56	113	55018	21.533	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	347790	42.318	ng	98
37) 2-Methylnaphthalene	8.83	142	729939	41.760	ng	100
38) 1-Methylnaphthalene	8.93	142	686318	41.505	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	336314	40.502	ng	99

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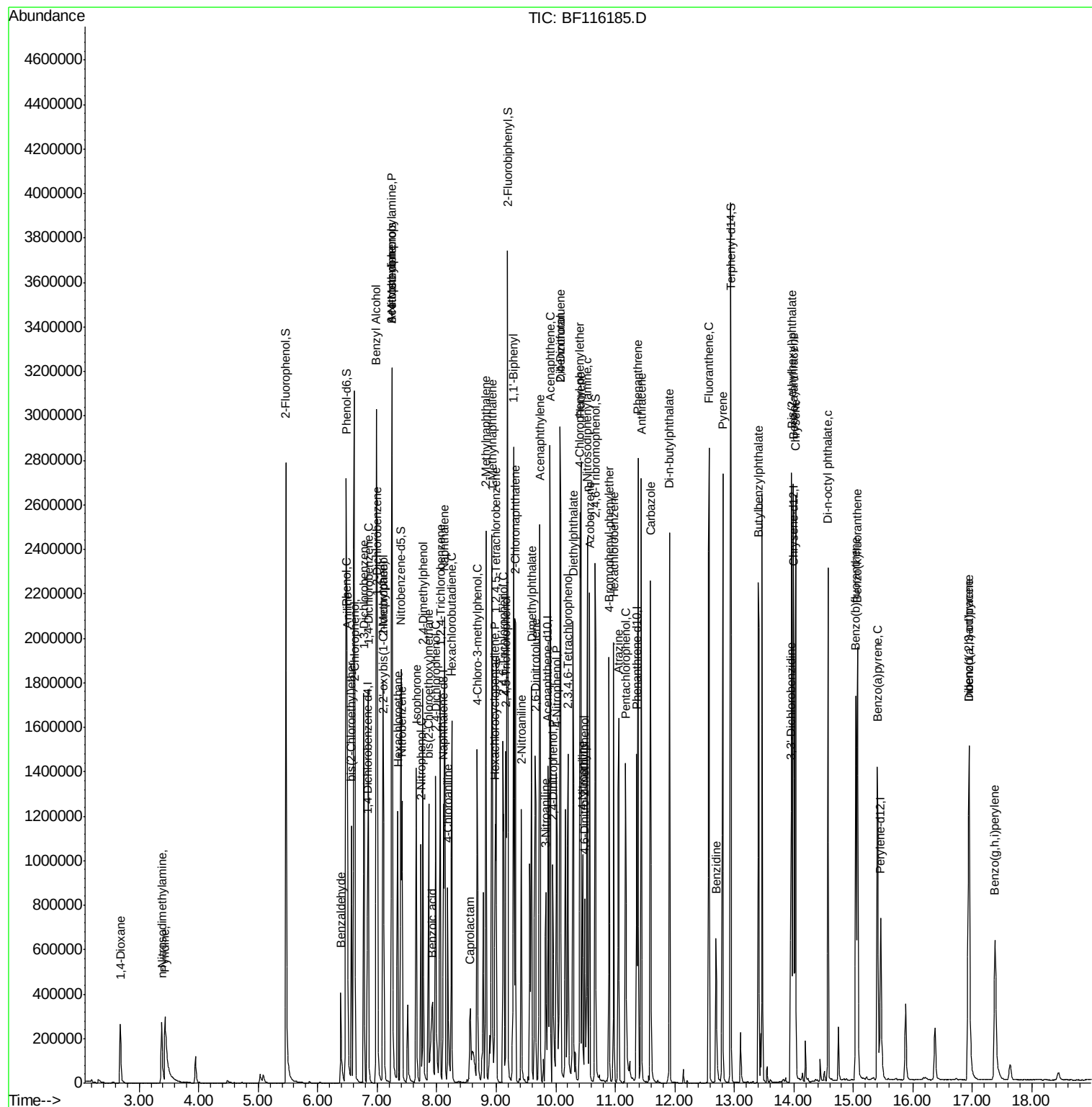
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	130995	38.461	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	219532	38.410	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	230523	39.018	ng	98
46) 1,1'-Biphenyl	9.29	154	891569	40.659	ng	98
47) 2-Chloronaphthalene	9.32	162	707453	38.763	ng	97
48) 2-Nitroaniline	9.42	65	222721	36.920	ng	99
49) Acenaphthylene	9.73	152	1064756	39.989	ng	99
50) Dimethylphthalate	9.59	163	846004	40.003	ng	100
51) 2,6-Dinitrotoluene	9.66	165	184420	40.127	ng	98
52) Acenaphthene	9.90	154	644535	39.458	ng	100
53) 3-Nitroaniline	9.83	138	146797	25.850	ng	96
54) 2,4-Dinitrophenol	9.95	184	153922	67.230	ng	99
55) Dibenzofuran	10.08	168	925567	38.963	ng	100
56) 4-Nitrophenol	10.01	139	235778	64.812	ng	95
57) 2,4-Dinitrotoluene	10.07	165	235631	38.508	ng	95
58) Fluorene	10.42	166	753859	41.248	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200653	40.368	ng	99
60) Diethylphthalate	10.29	149	818943	41.477	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	378835	40.928	ng	98
62) 4-Nitroaniline	10.45	138	197990	33.736	ng	99
63) Azobenzene	10.57	77	832112	40.973	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	120956	42.464	ng	90
66) n-Nitrosodiphenylamine	10.53	169	667770	41.275	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	235517	40.931	ng	99
68) Hexachlorobenzene	10.97	284	257910	38.762	ng	98
69) Atrazine	11.06	200	208026	39.085	ng	100
70) Pentachlorophenol	11.17	266	241648	74.806	ng	98
71) Phenanthrene	11.39	178	1107451	40.302	ng	99
72) Anthracene	11.43	178	1145197	41.180	ng	99
73) Carbazole	11.59	167	1042231	41.309	ng	99
74) Di-n-butylphthalate	11.91	149	1267877	43.078	ng	99
75) Fluoranthene	12.57	202	1164827	40.491	ng	99
77) Benzidine	12.69	184	332313	26.435	ng	98
78) Pyrene	12.80	202	1174150	41.860	ng	100
80) Butylbenzylphthalate	13.40	149	520536	43.872	ng	94
81) Benzo(a)anthracene	13.99	228	956765	40.229	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	285513	34.555	ng	98
83) Chrysene	14.03	228	952419	41.249	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	719694	46.678	ng	99
85) Di-n-octyl phthalate	14.57	149	1119286	45.704	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	769963	39.703	ng	100
88) Benzo(b)fluoranthene	15.04	252	789815	45.537	ng	99
89) Benzo(k)fluoranthene	15.07	252	839190	49.674	ng	99
90) Benzo(a)pyrene	15.40	252	771911	49.785	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	651180	48.519	ng	99
92) Benzo(g,h,i)perylene	17.38	276	639811	48.541	ng	98

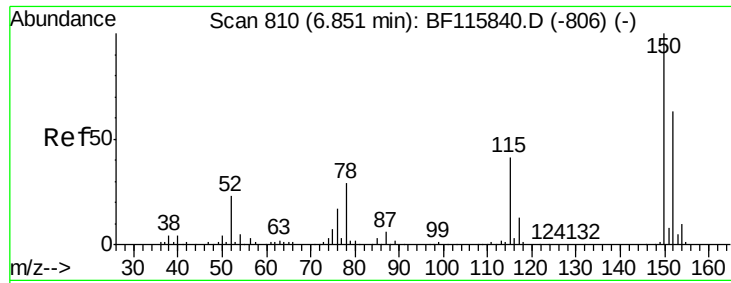
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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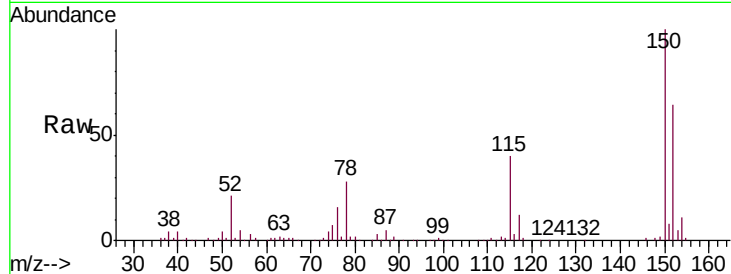


#1

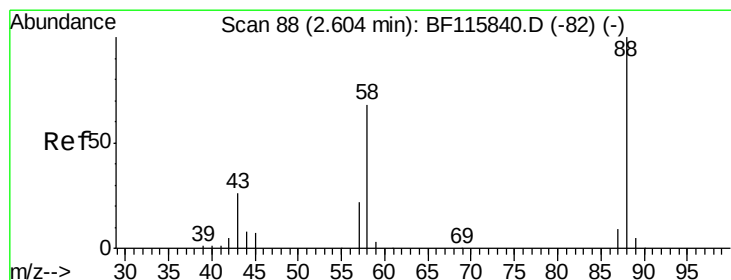
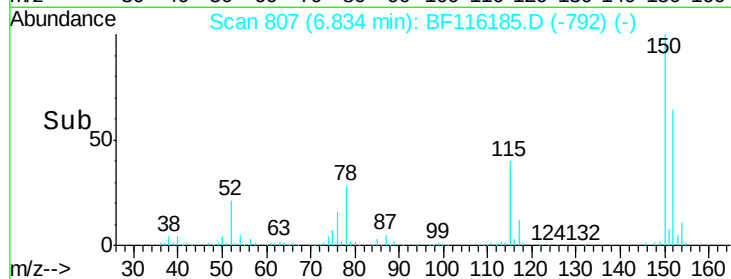
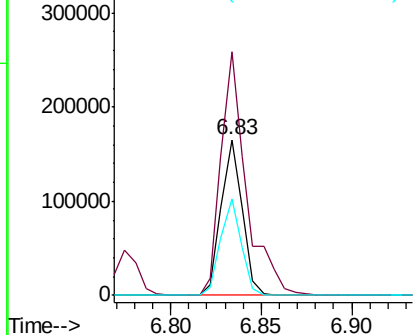
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tgt Ion: 152 Resp: 134968
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 62.0 49.9 74.9



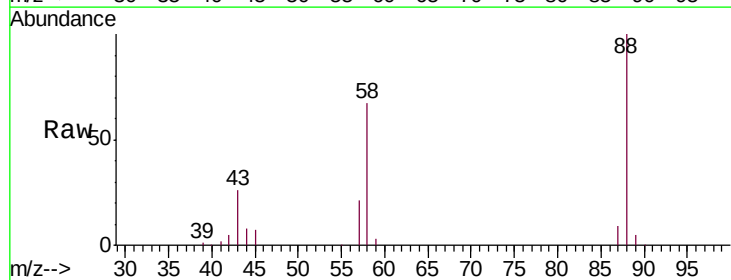
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



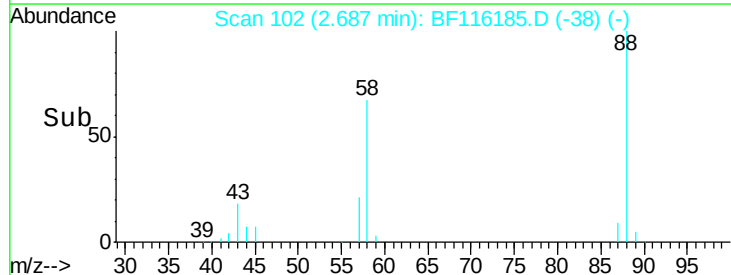
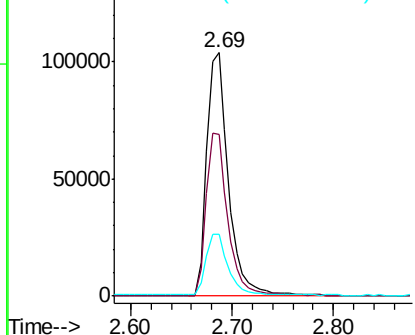
#2

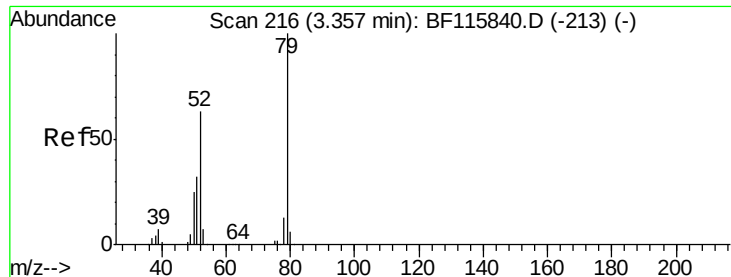
1,4-Dioxane
Concen: 37.941 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.08 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 88 Resp: 154533
Ion Ratio Lower Upper
88 100
58 67.9 53.7 80.5
43 25.8 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: 30.247 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.07 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

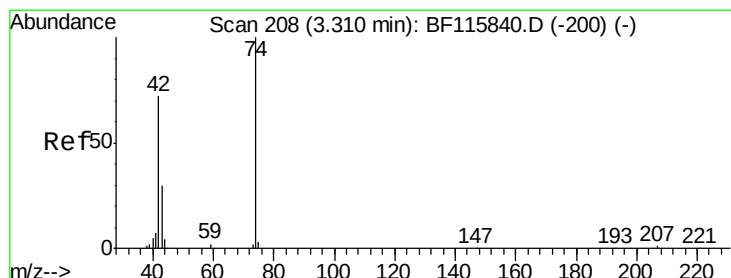
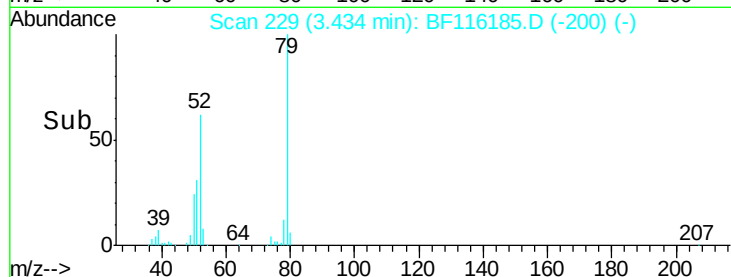
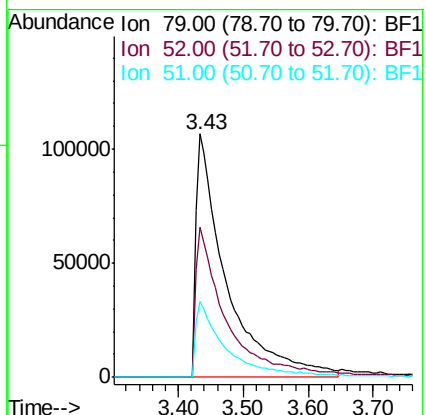
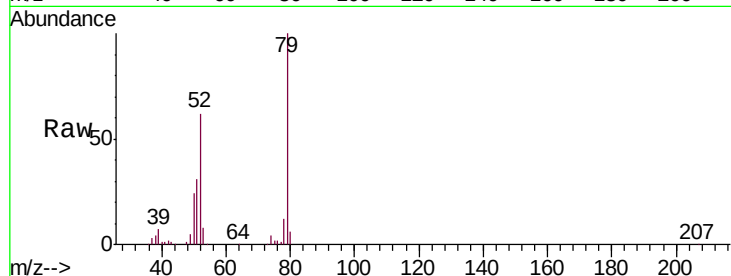
Tgt Ion: 79 Resp: 344138

Ion Ratio Lower Upper

79 100

52 61.8 49.8 74.8

51 31.3 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 34.363 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.05 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

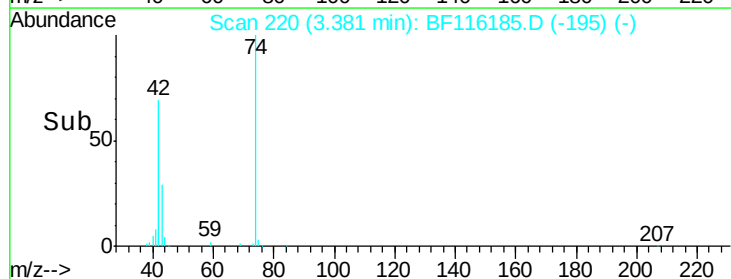
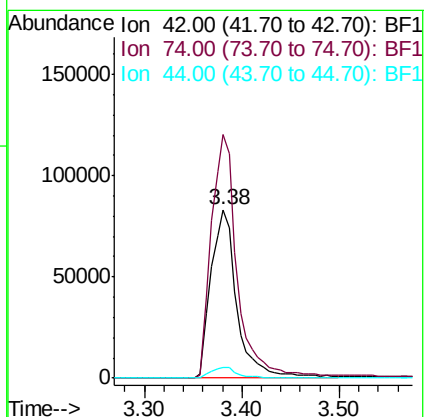
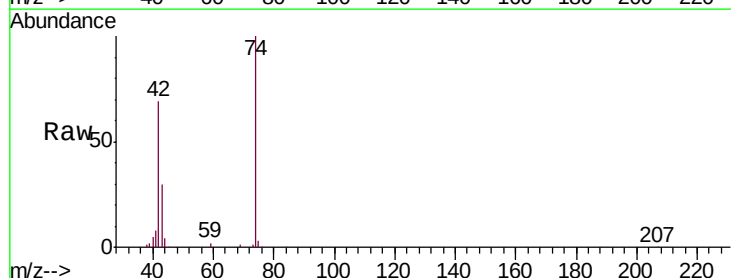
Tgt Ion: 42 Resp: 154288

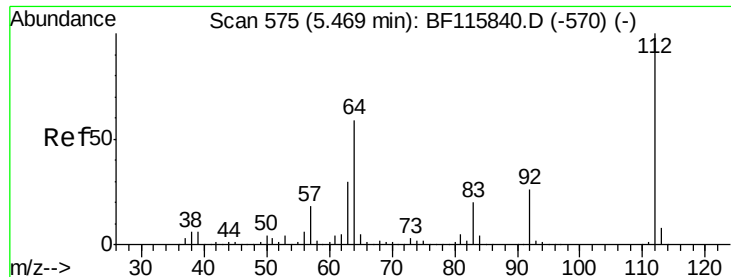
Ion Ratio Lower Upper

42 100

74 144.8 116.0 174.0

44 6.4 4.6 7.0





#5

2-Fluorophenol

Concen: 108.767 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

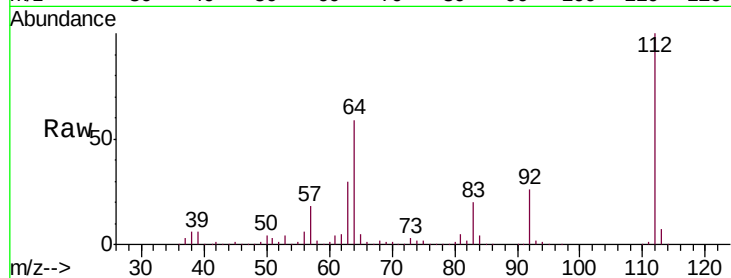
Tgt Ion: 112 Resp: 876914

Ion Ratio Lower Upper

112 100

64 58.6 45.4 68.2

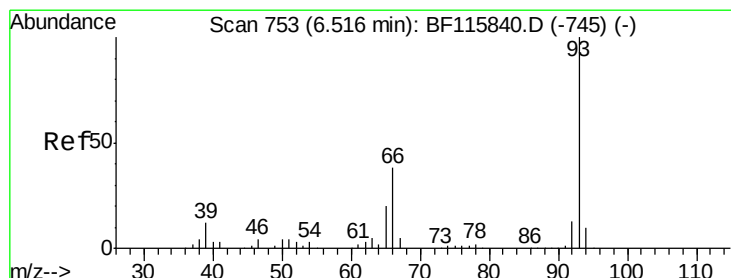
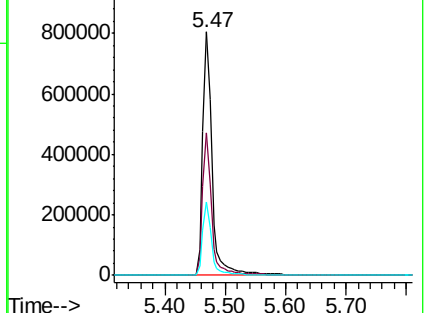
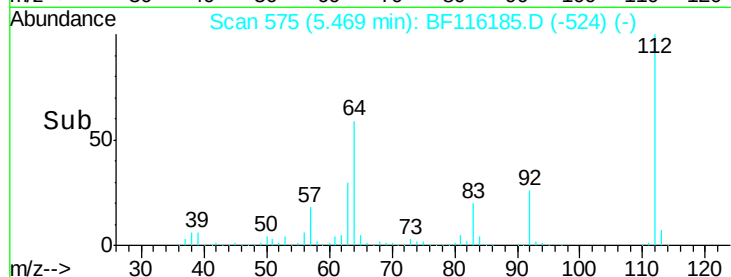
63 30.3 23.7 35.5



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: 28.599 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

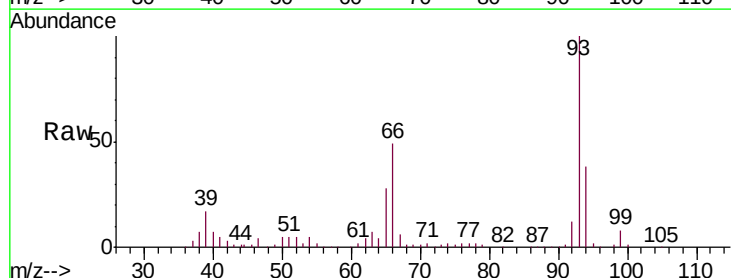
Tgt Ion: 93 Resp: 416615

Ion Ratio Lower Upper

93 100

66 48.5 32.2 48.4#

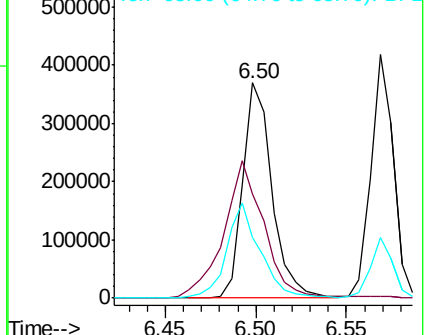
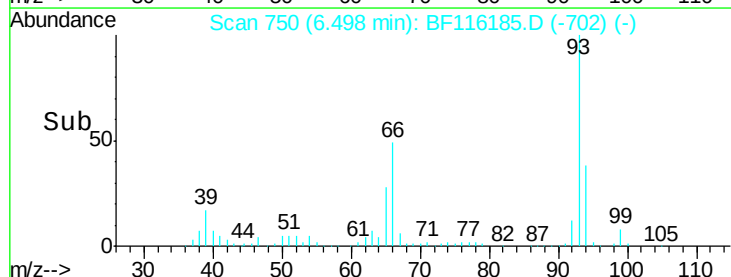
65 28.0 17.0 25.6#

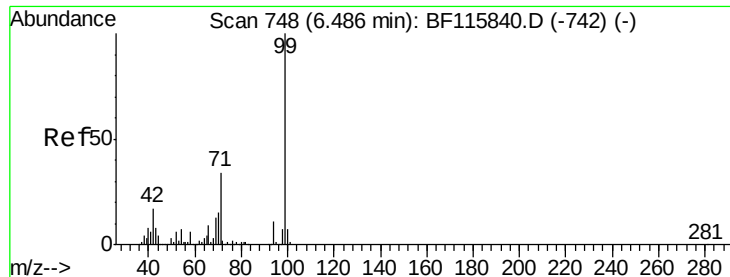


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.715 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116185.D

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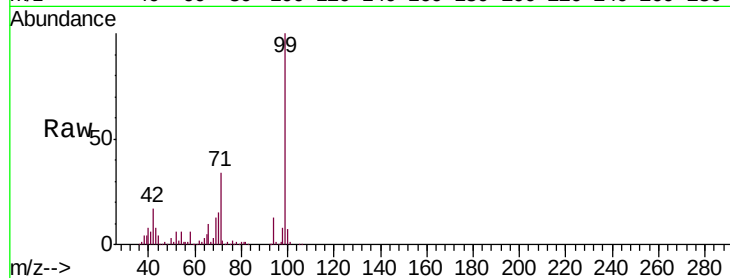
Tgt Ion: 99 Resp: 1095678

Ion Ratio Lower Upper

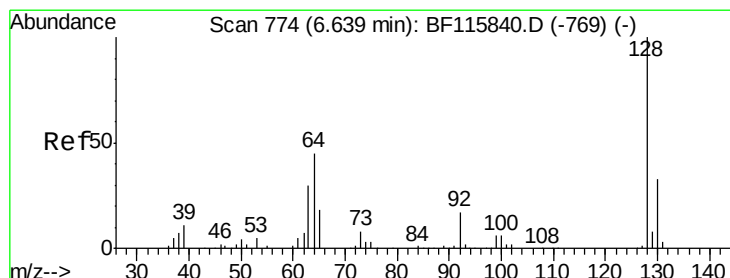
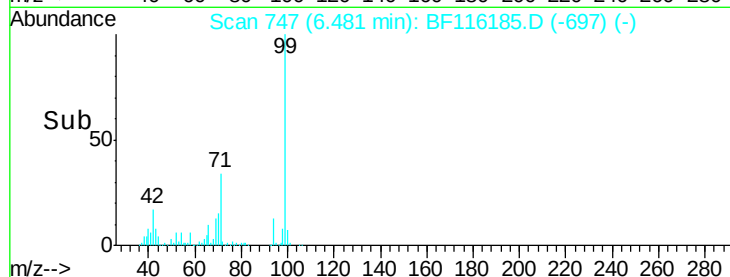
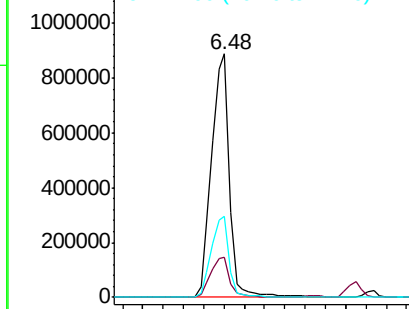
99 100

42 16.6 13.8 20.8

71 33.5 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: 41.989 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

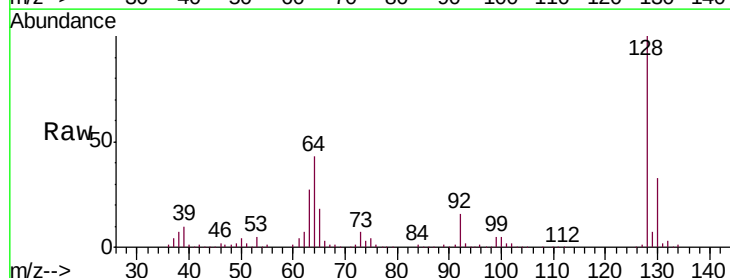
Tgt Ion: 128 Resp: 374342

Ion Ratio Lower Upper

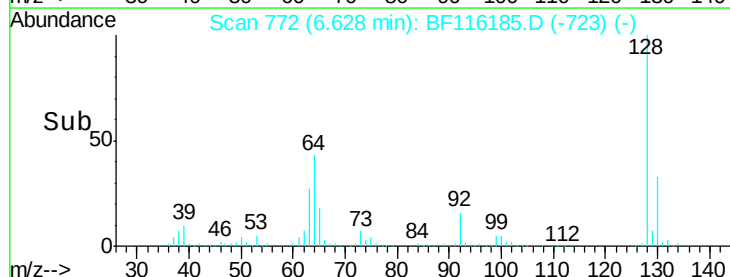
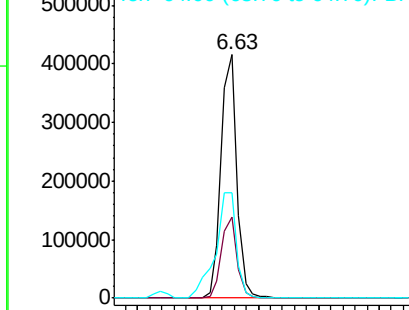
128 100

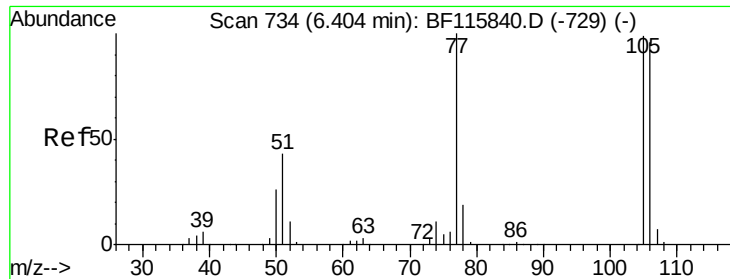
130 33.2 12.9 52.9

64 43.4 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: 16.015 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

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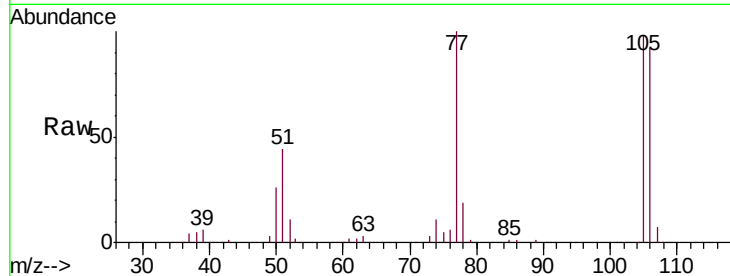
Tgt Ion: 77 Resp: 112404

Ion Ratio Lower Upper

77 100

105 97.6 79.2 119.2

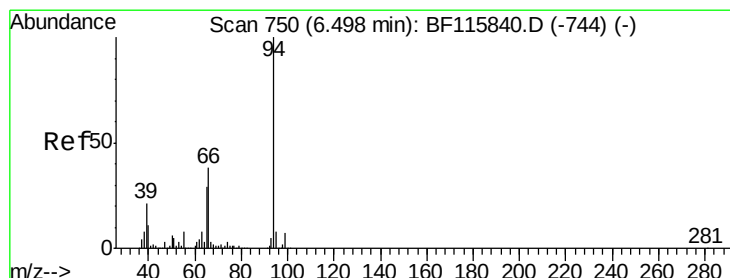
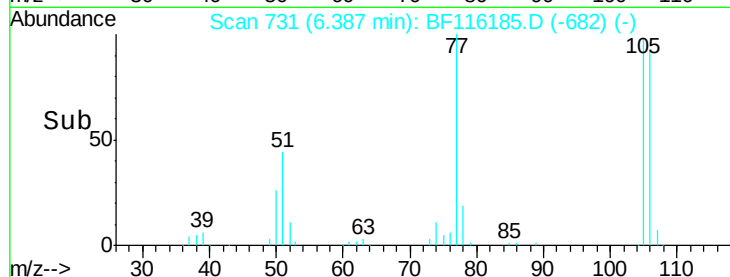
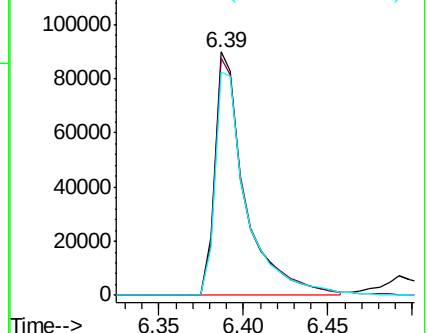
106 91.8 74.3 114.3



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: 38.949 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

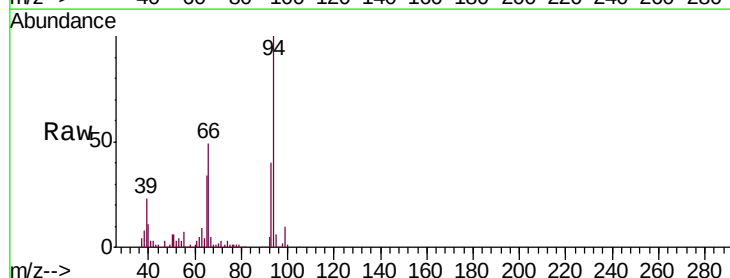
Tgt Ion: 94 Resp: 466552

Ion Ratio Lower Upper

94 100

65 33.8 16.8 56.8

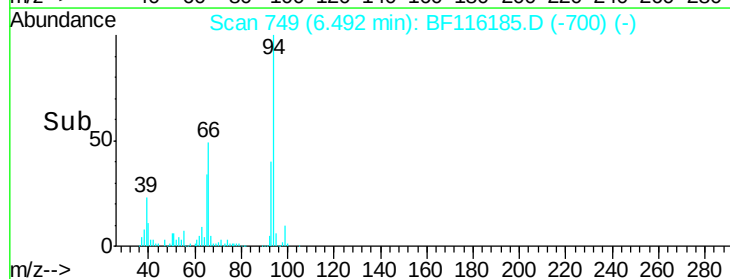
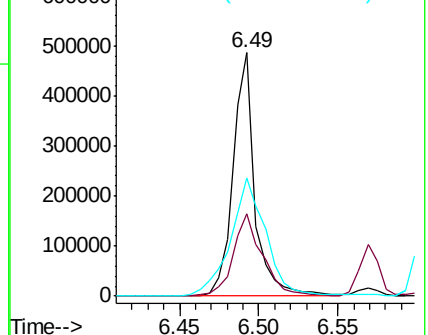
66 48.7 34.2 74.2

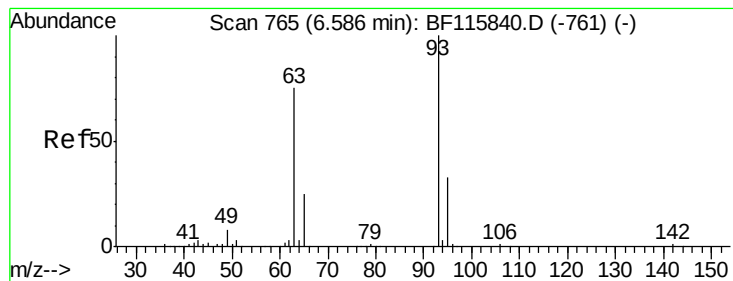


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.723 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

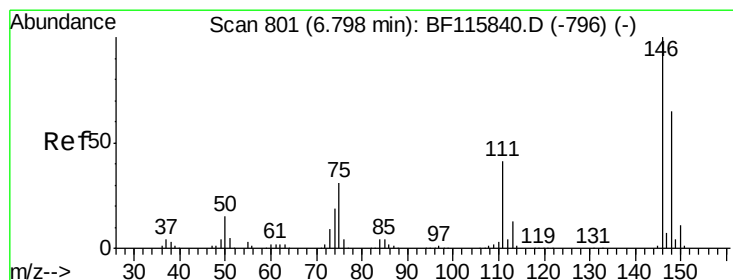
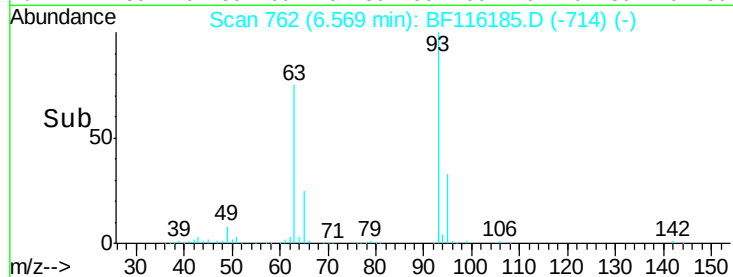
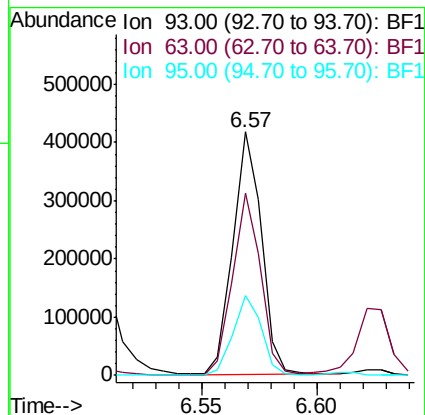
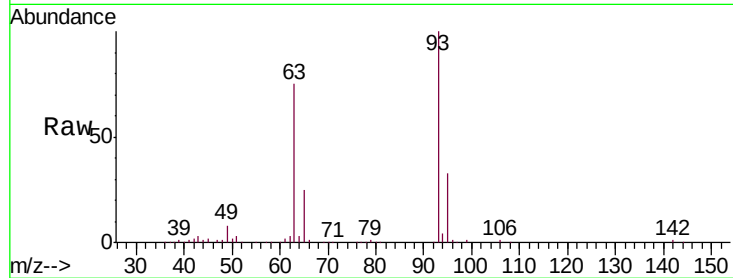
Tgt Ion: 93 Resp: 358638

Ion Ratio Lower Upper

93 100

63 74.6 51.9 91.9

95 32.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 38.117 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

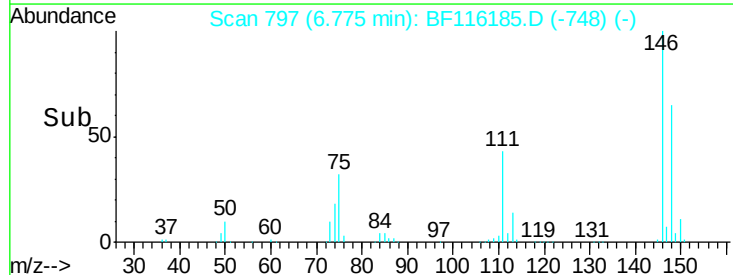
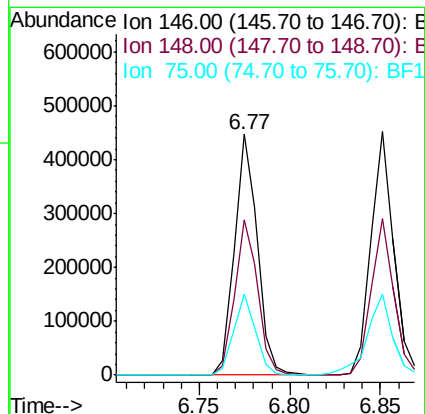
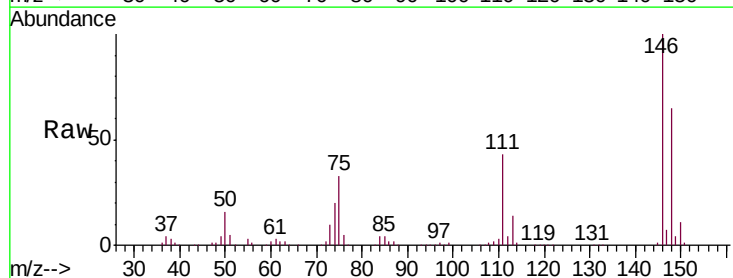
Tgt Ion: 146 Resp: 392736

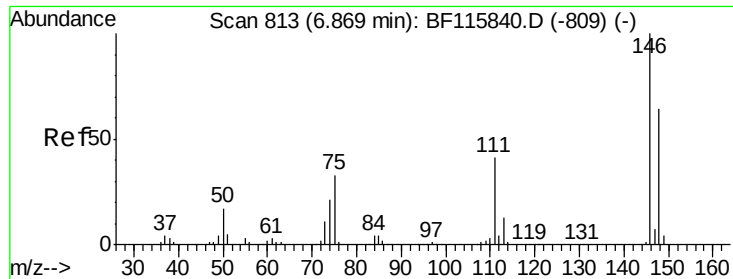
Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

75 33.5 27.4 41.2

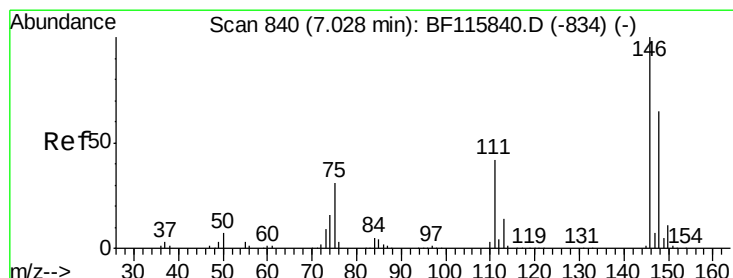
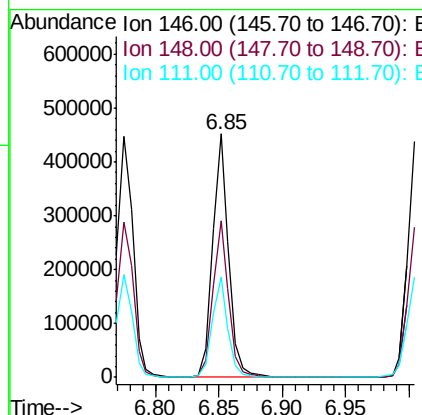
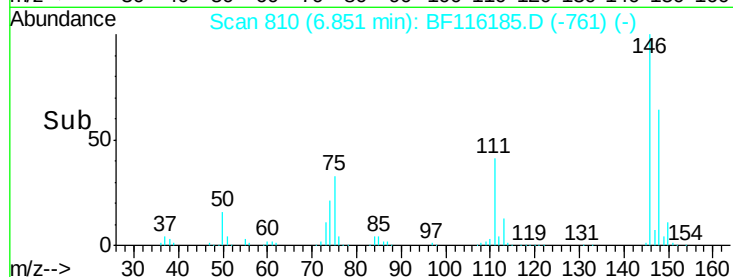
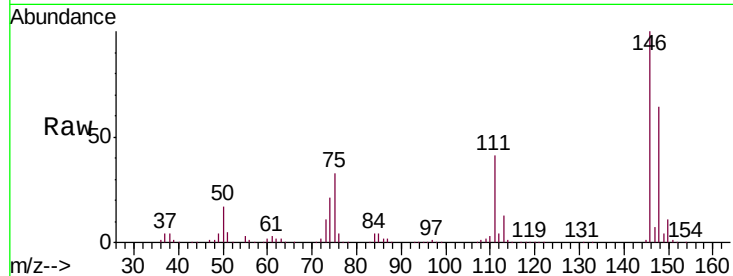




#13
 1,4-Dichlorobenzene
 Concen: 38.951 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

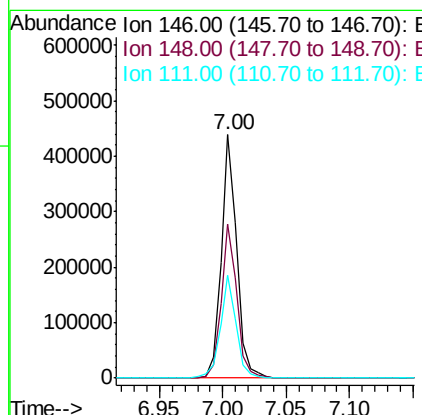
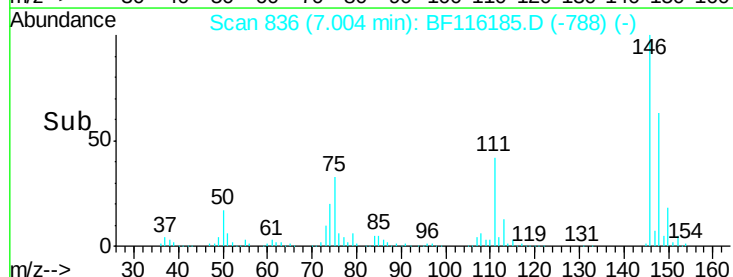
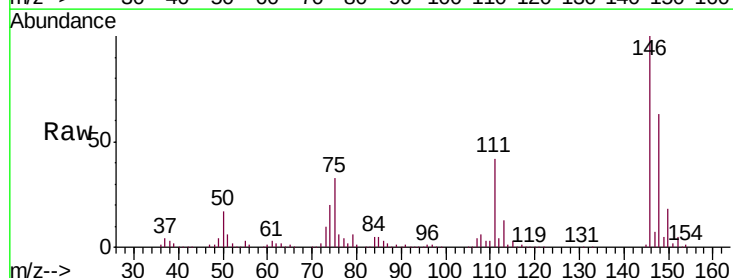
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

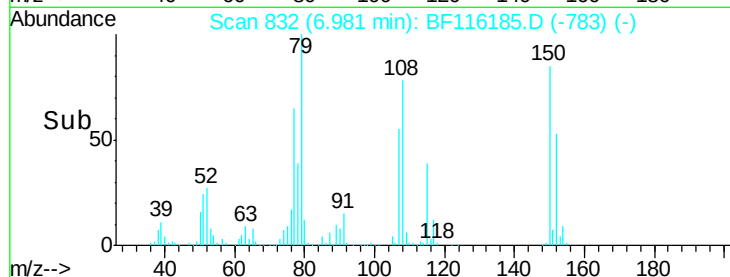
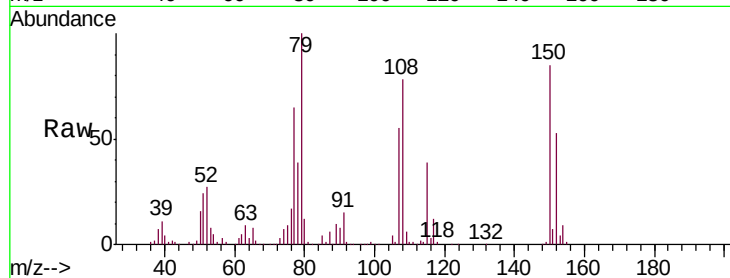
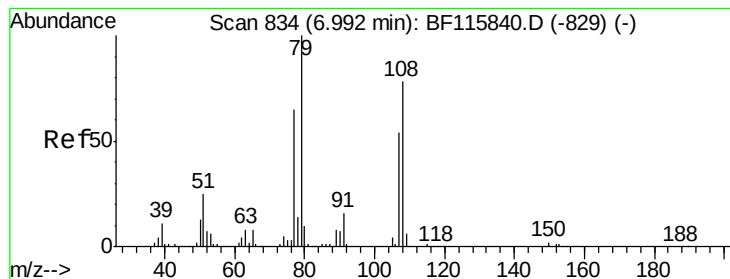
Tgt Ion:146 Resp: 401832
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 41.0 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 39.615 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:146 Resp: 376316
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.2 76.8
 111 42.2 33.5 50.3





#15

Benzyl Alcohol

Concen: 39.597 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

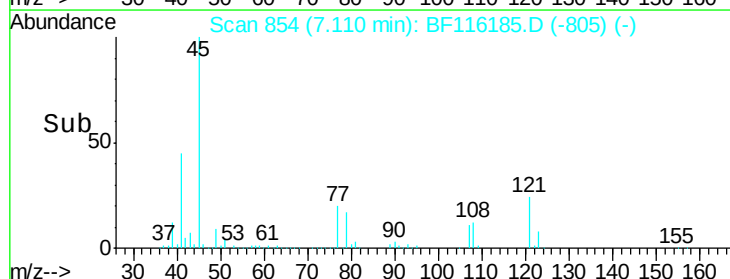
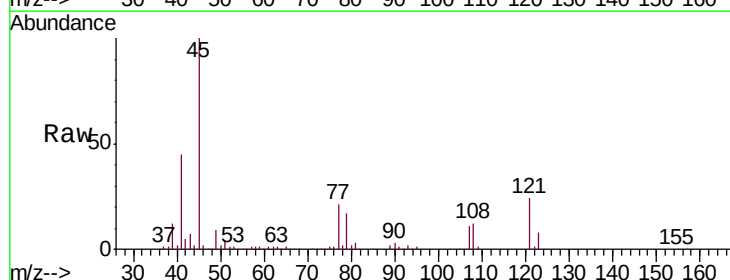
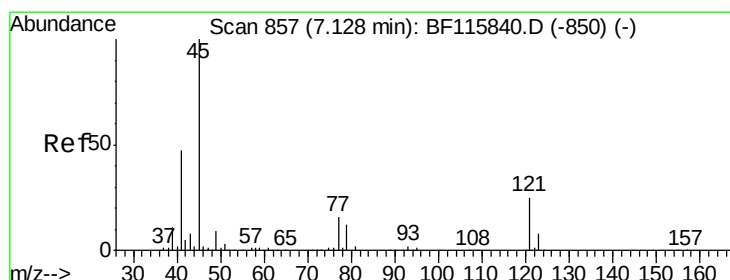
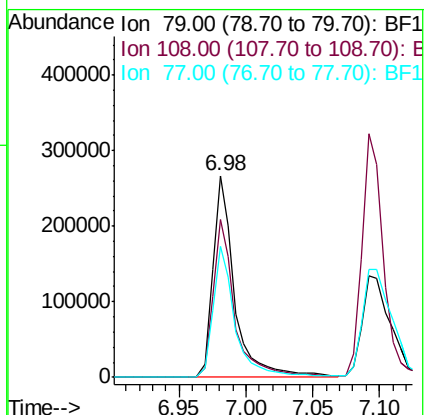
Tgt Ion: 79 Resp: 305666

Ion Ratio Lower Upper

79 100

108 78.4 62.7 94.1

77 64.9 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.459 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

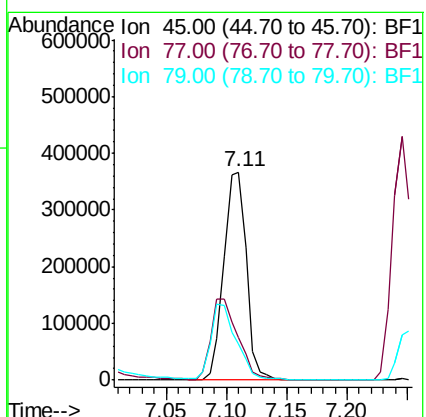
Tgt Ion: 45 Resp: 473997

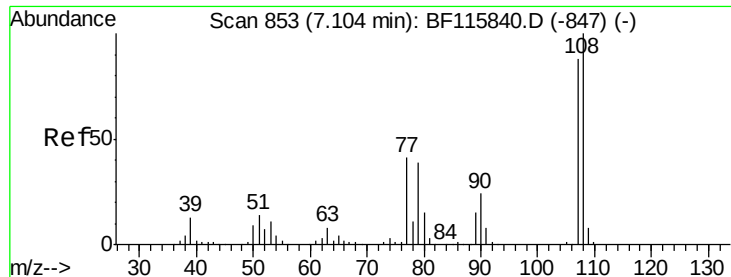
Ion Ratio Lower Upper

45 100

77 20.6 0.0 40.0

79 17.3 0.0 35.9

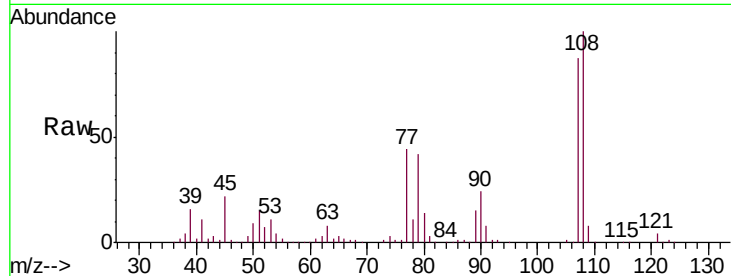




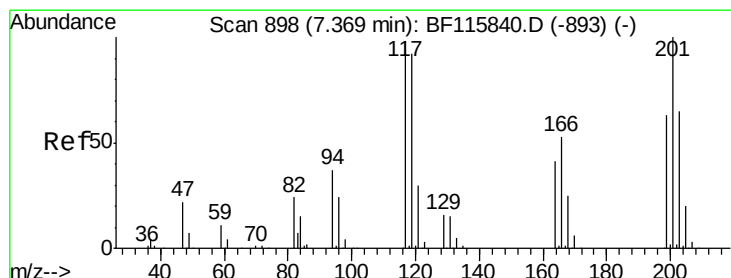
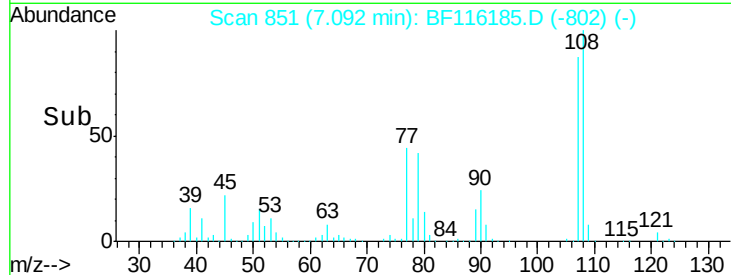
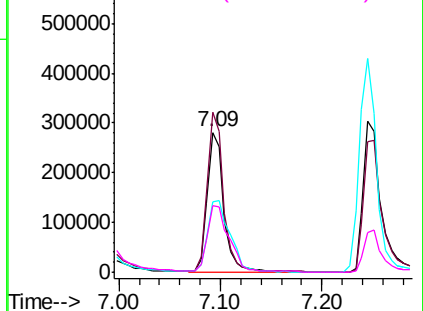
#17
2-Methylphenol
Concen: 41.520 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tgt Ion:	107	Resp:	313434
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.2	136.8
77	50.9	40.3	60.5
79	47.8	37.6	56.4

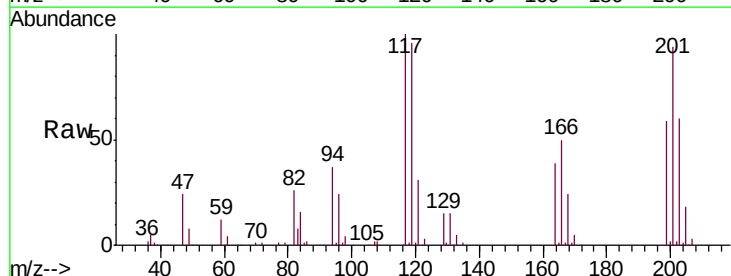


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

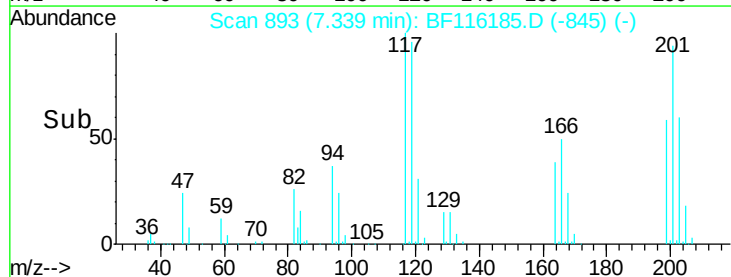
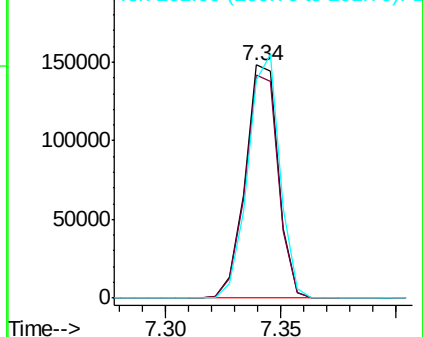


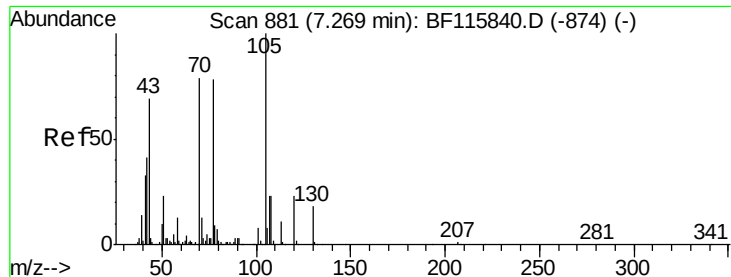
#18
Hexachloroethane
Concen: 38.984 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:	117	Resp:	148070
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.1	114.1
201	93.8	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

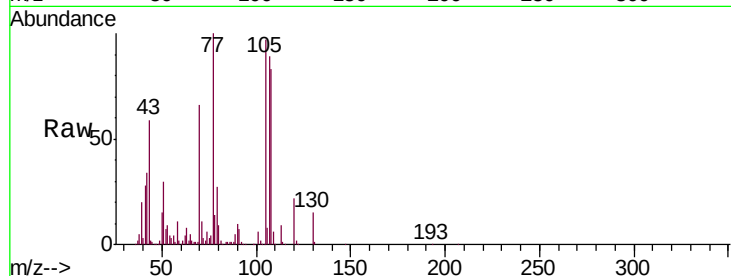




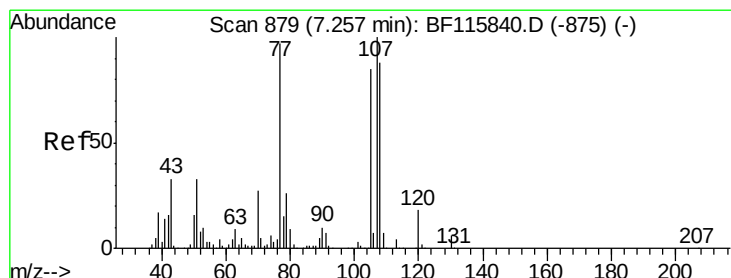
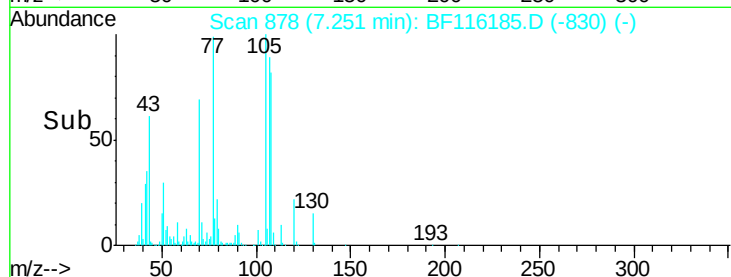
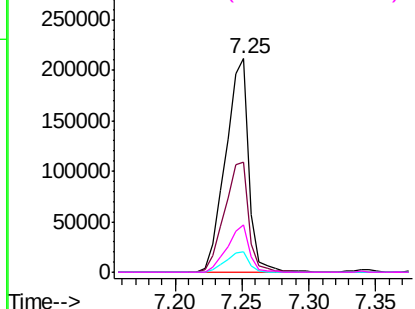
#19
n-Nitroso-di-n-propylamine
Concen: 41.167 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tgt Ion:	70	Resp:	259488
Ion	Ratio	Lower	Upper
70	100		
42	51.6	40.9	61.3
101	9.7	7.9	11.9
130	22.1	16.9	25.3

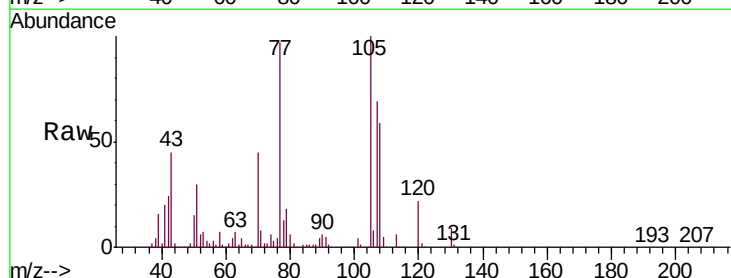


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

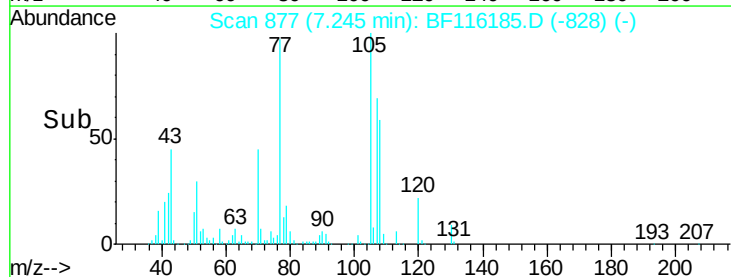
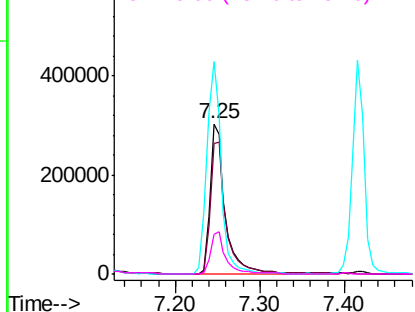


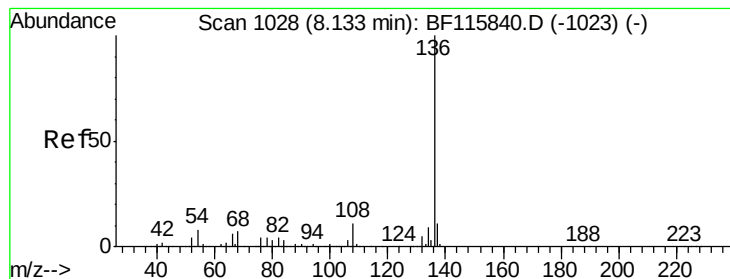
#20
3+4-Methylphenols
Concen: 42.840 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:	107	Resp:	382706
Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.6	107.6
77	141.7	104.4	144.4
79	26.6	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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tgt Ion:136 Resp: 563996

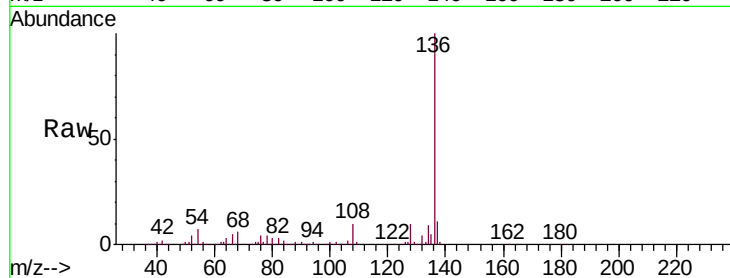
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.8 8.6

68 6.0 5.2 7.8

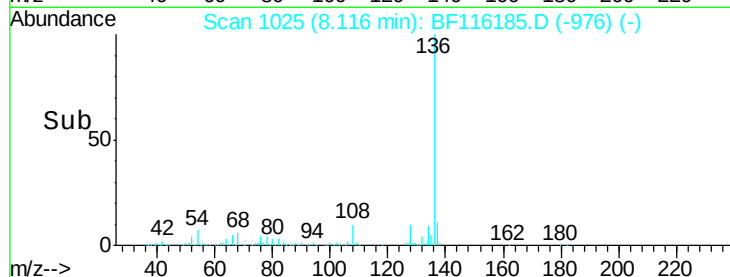


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

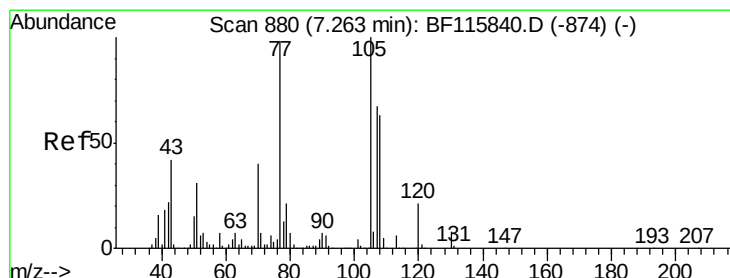
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.12



#22

Acetophenone

Concen: 41.114 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Tgt Ion:105 Resp: 508548

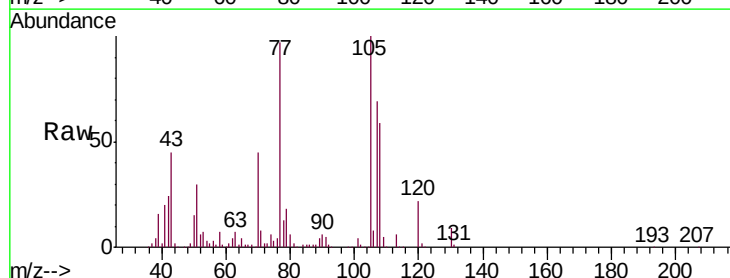
Ion Ratio Lower Upper

105 100

71 7.6 5.9 8.9

51 30.4 25.3 37.9

120 22.1 17.9 26.9

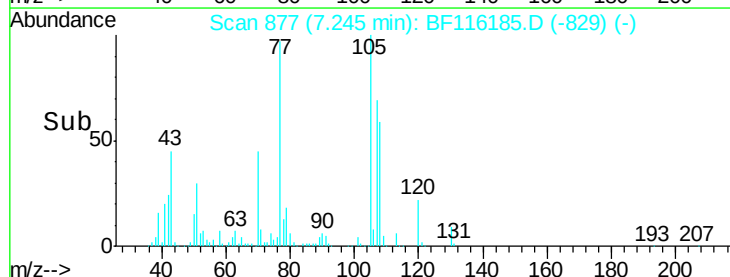


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

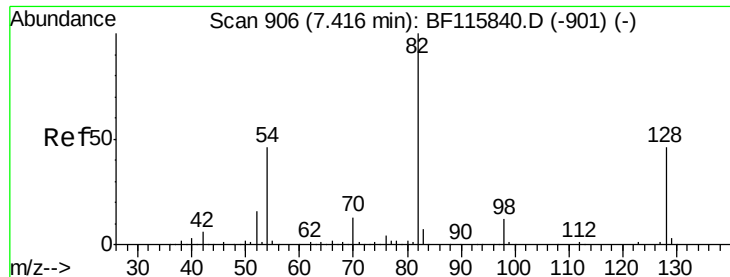
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

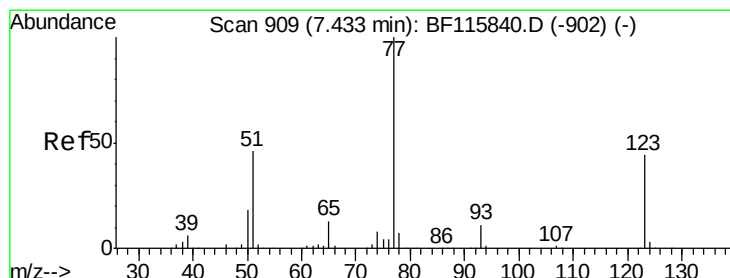
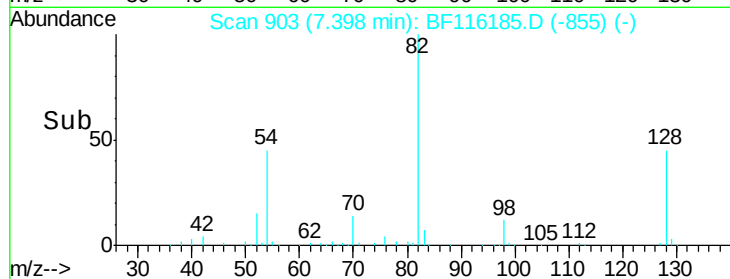
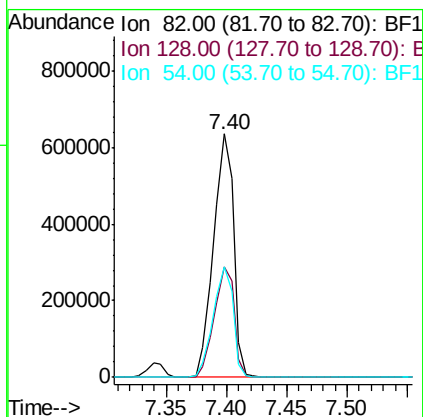
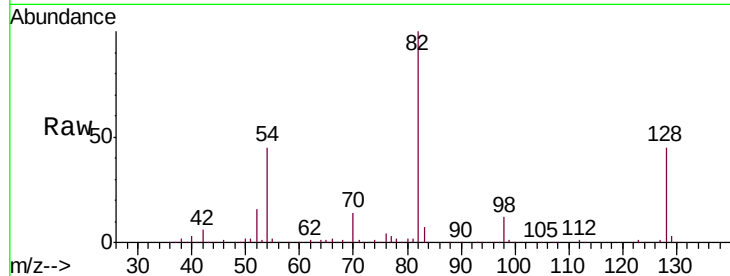
7.25



#23
 Nitrobenzene-d5
 Concen: 74.199 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

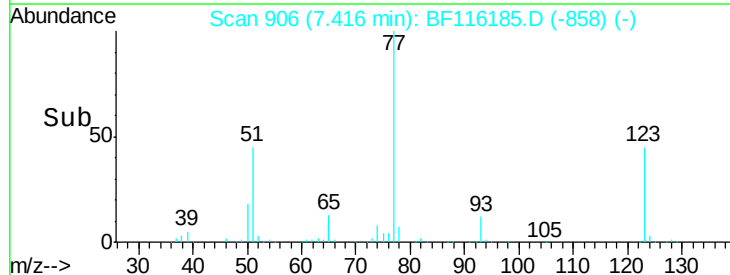
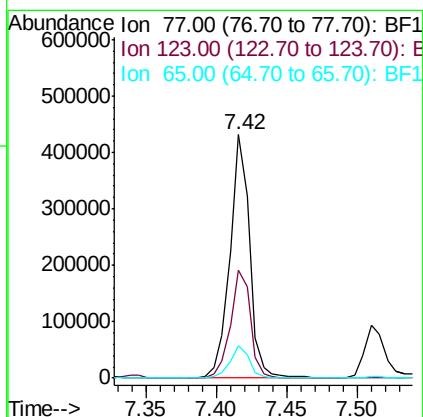
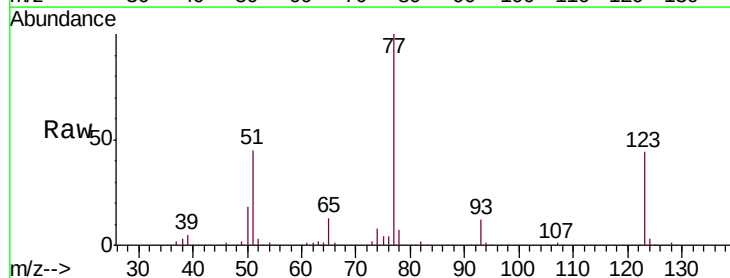
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

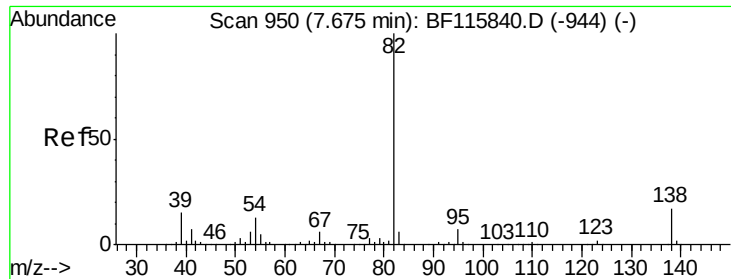
Tgt Ion: 82 Resp: 724982
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.5 54.7
 54 45.3 36.0 54.0



#24
 Nitrobenzene
 Concen: 39.298 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion: 77 Resp: 414600
 Ion Ratio Lower Upper
 77 100
 123 44.3 36.7 55.1
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 40.931 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

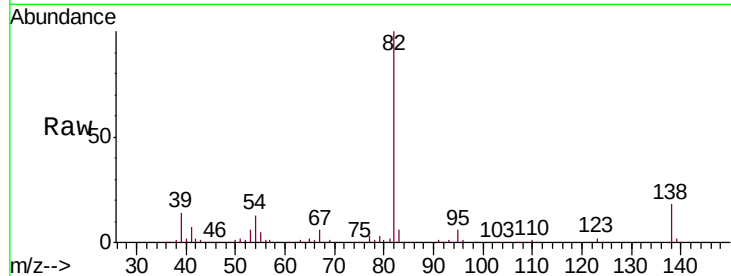
Tgt Ion: 82 Resp: 764709

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

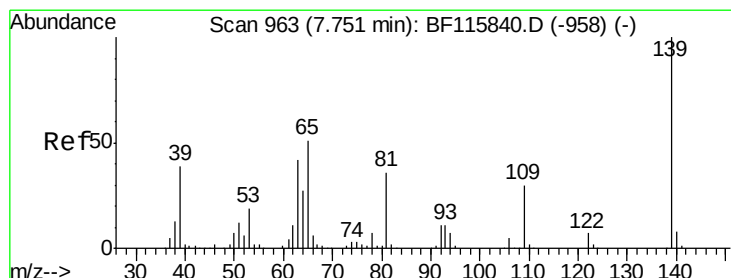
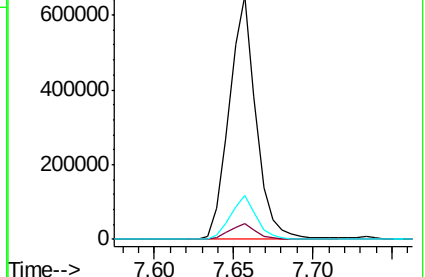
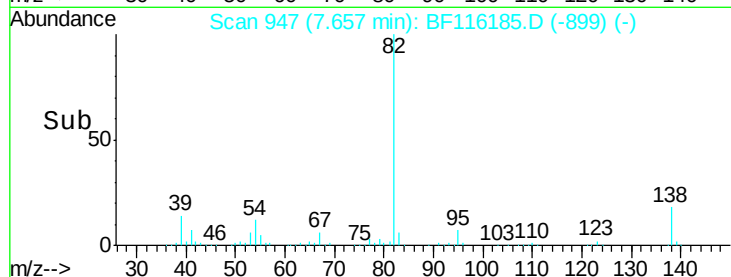
138 17.8 14.5 21.7



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: 41.910 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

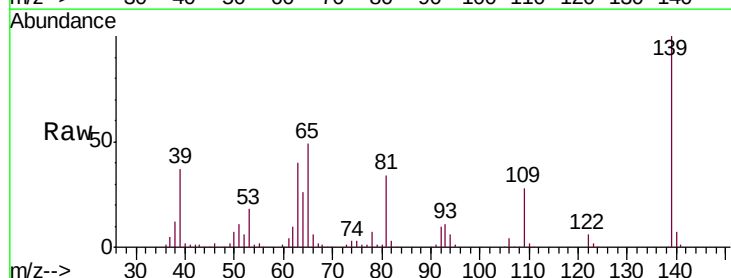
Tgt Ion: 139 Resp: 208424

Ion Ratio Lower Upper

139 100

109 28.2 23.4 35.2

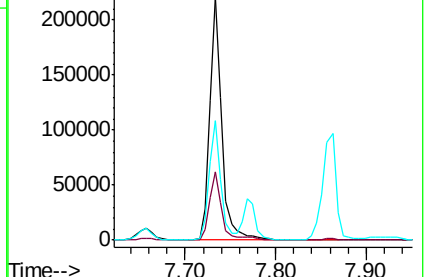
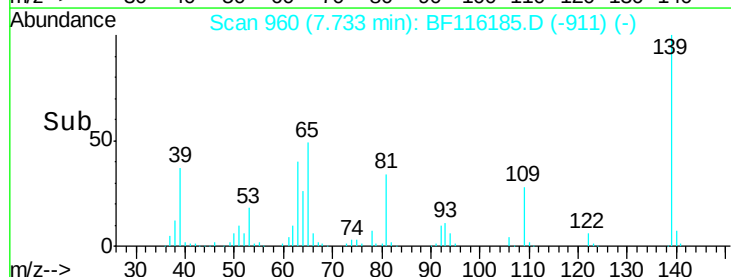
65 49.3 41.1 61.7

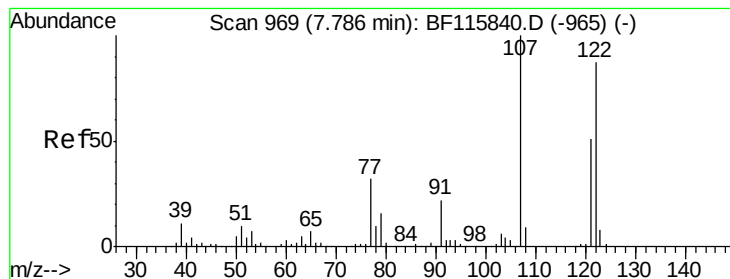


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.034 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

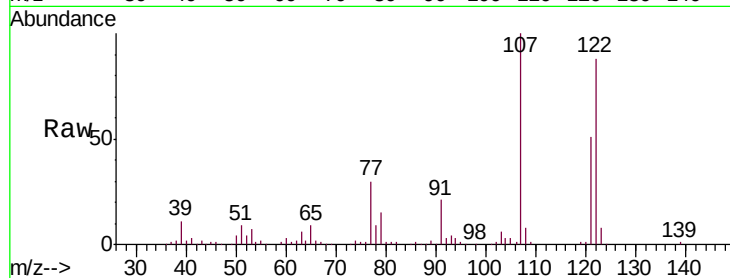
Tgt Ion:122 Resp: 336944

Ion Ratio Lower Upper

122 100

107 114.2 93.0 139.6

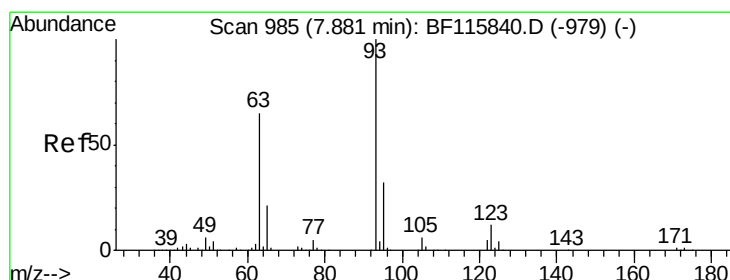
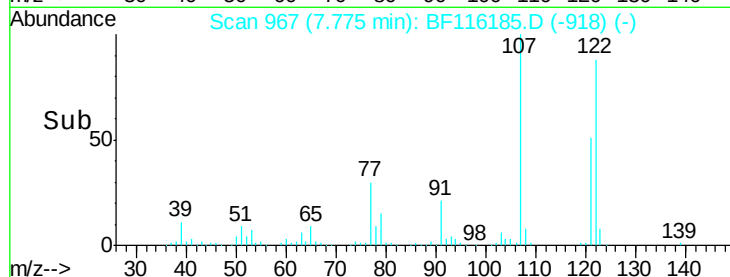
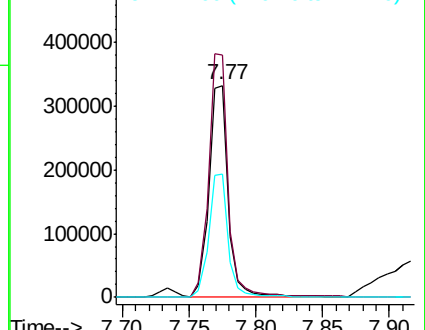
121 58.4 47.6 71.4



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



#28

bis(2-Chloroethoxy)methane

Concen: 40.844 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

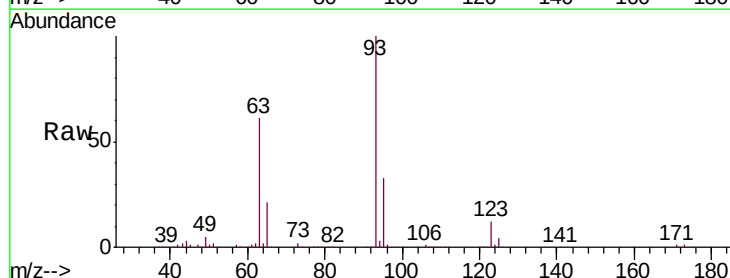
Tgt Ion: 93 Resp: 472972

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

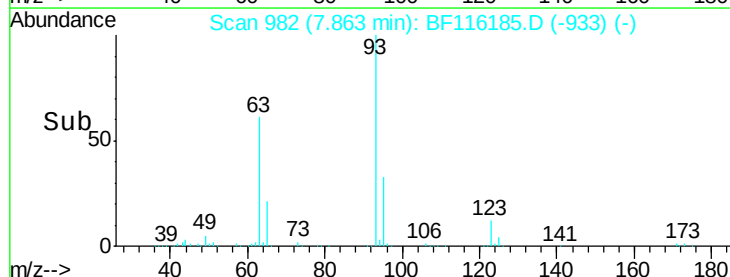
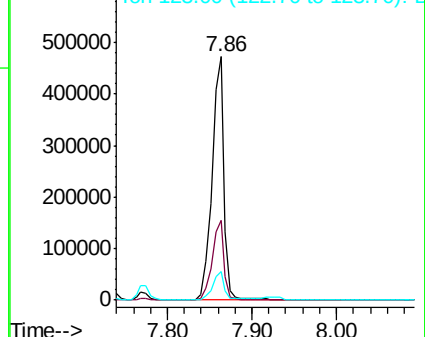
123 11.9 9.2 13.8

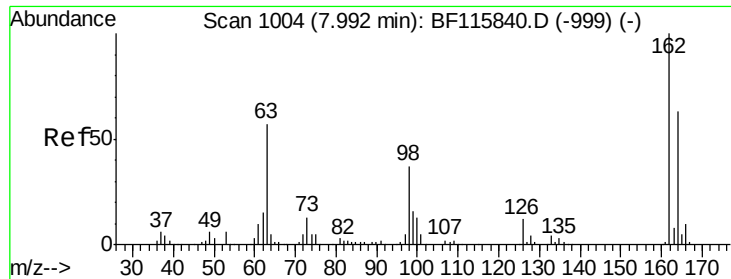


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

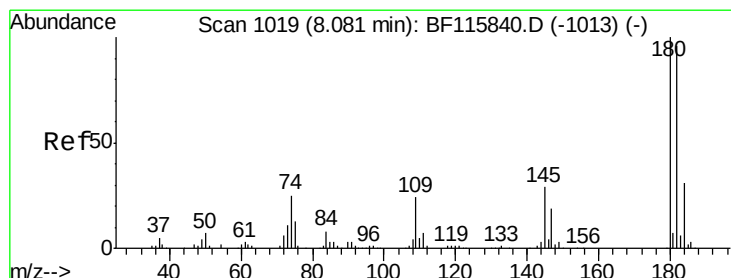
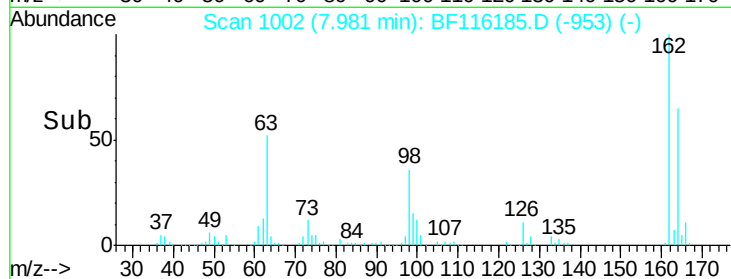
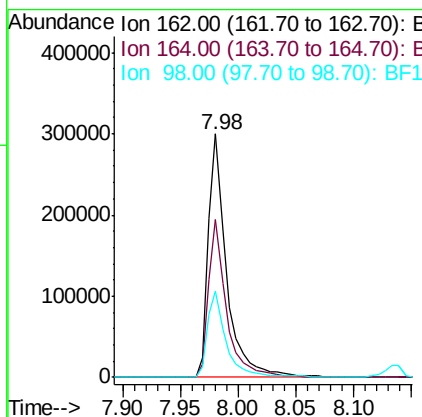
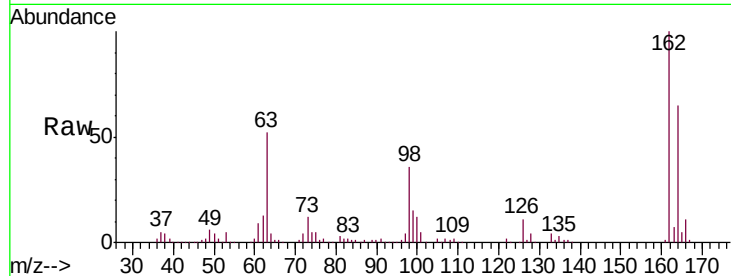




#29
 2,4-Dichlorophenol
 Concen: 41.849 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

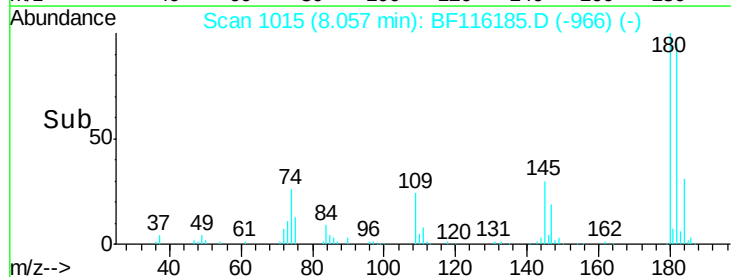
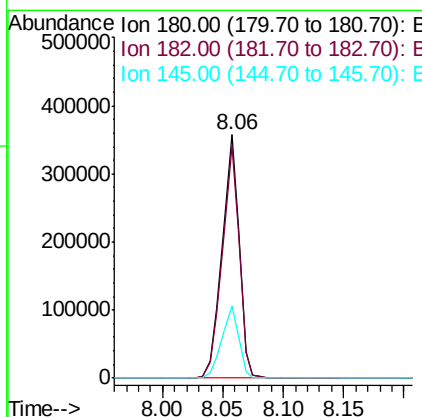
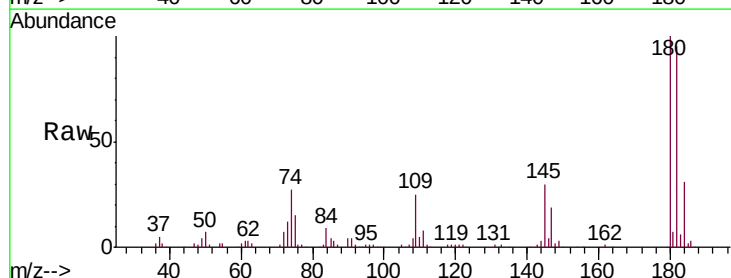
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

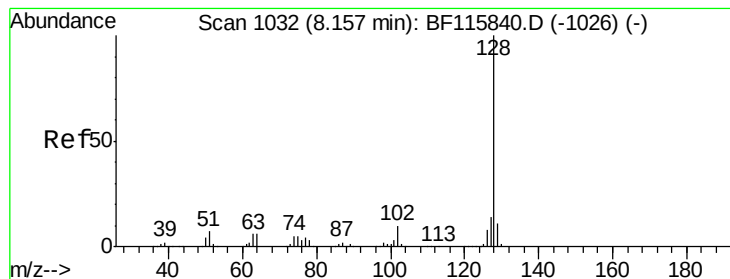
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.1	85.1
98	35.5	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.870 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.7	113.5
145	29.5	24.3	36.5





#31

Naphthalene

Concen: 41.139 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

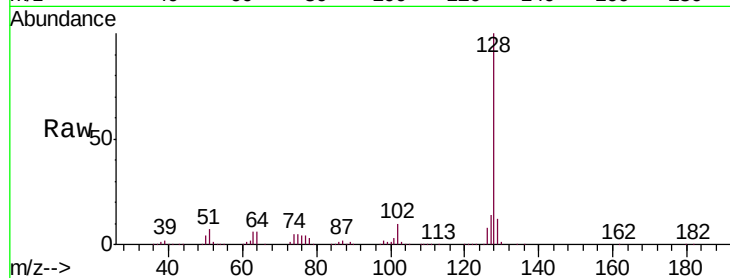
Tgt Ion:128 Resp: 1091837

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

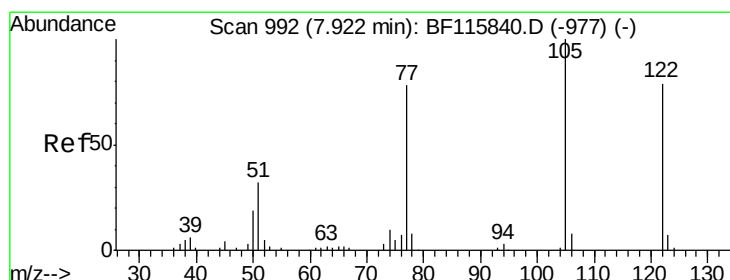
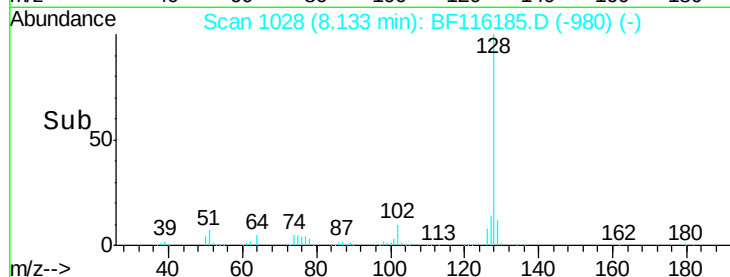
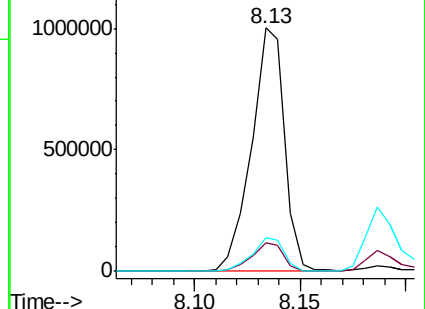
127 13.7 11.4 17.0



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: 36.491 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

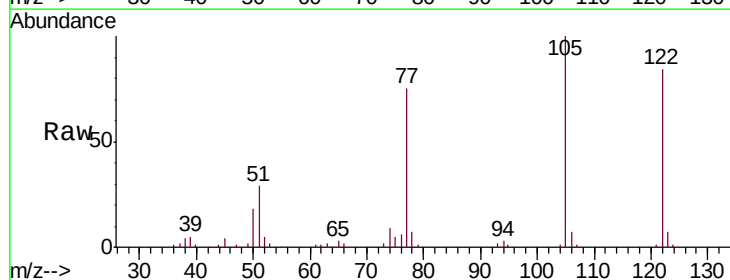
Tgt Ion:122 Resp: 192492

Ion Ratio Lower Upper

122 100

105 119.6 106.1 146.1

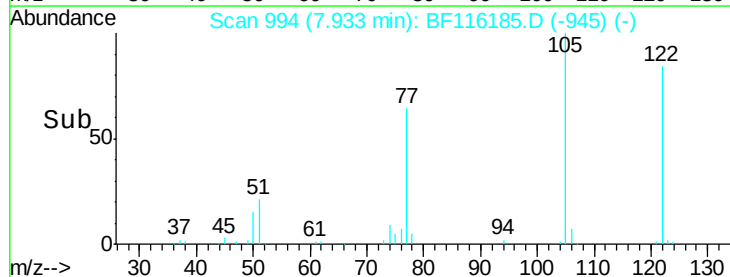
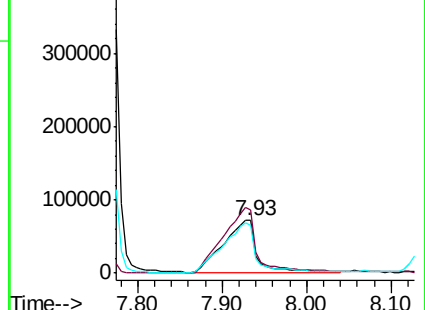
77 89.8 76.7 116.7

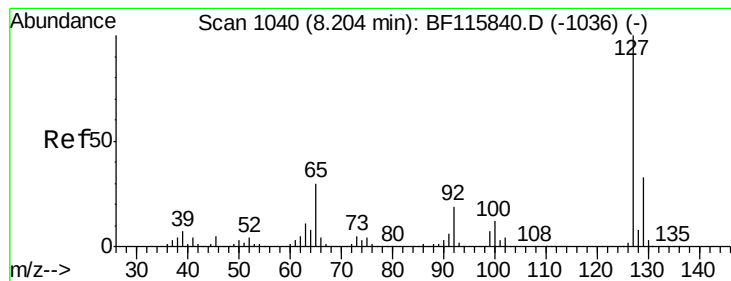


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.810 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tgt Ion:127 Resp: 317931

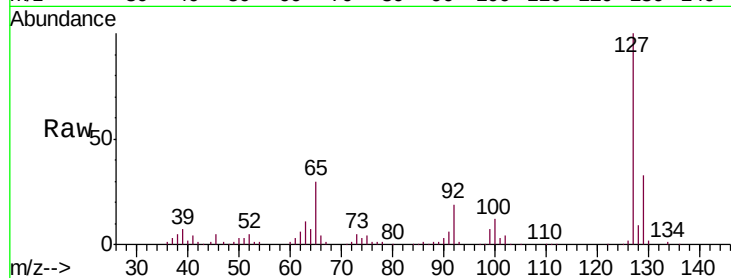
Ion Ratio Lower Upper

127 100

129 32.9 26.1 39.1

65 30.2 24.9 37.3

92 19.1 15.7 23.5

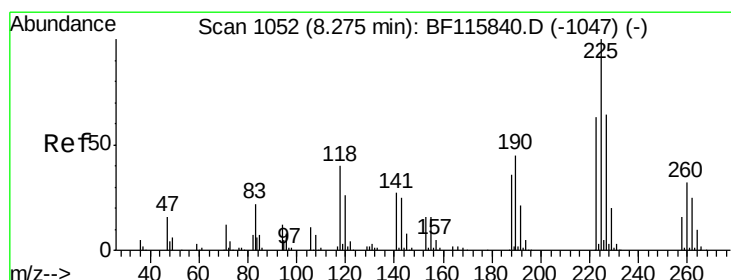
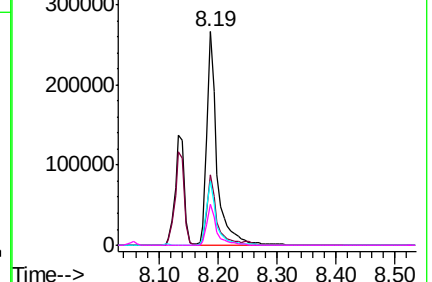
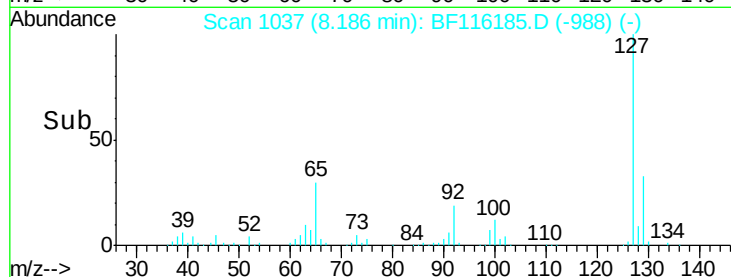


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 37.811 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

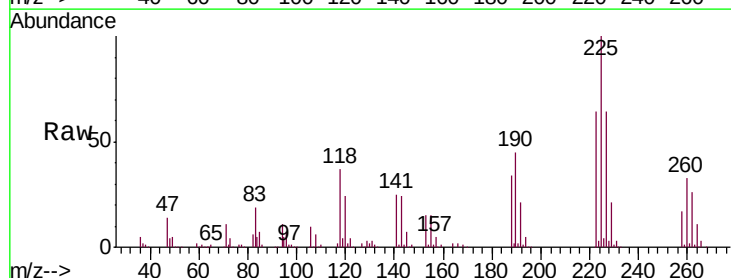
Tgt Ion:225 Resp: 196124

Ion Ratio Lower Upper

225 100

223 63.8 50.0 75.0

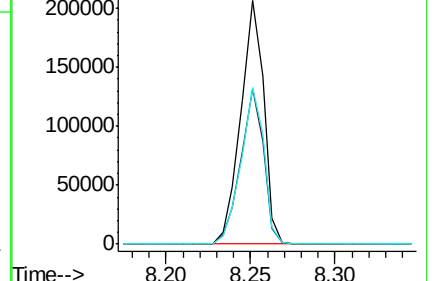
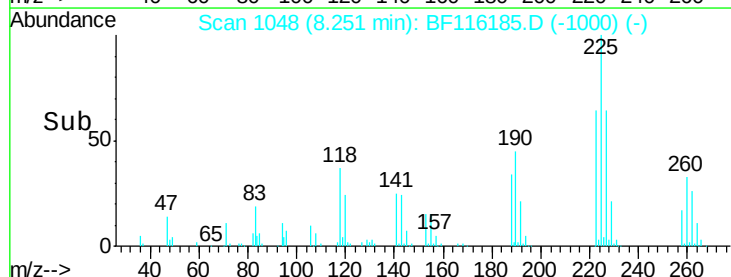
227 64.3 51.0 76.4

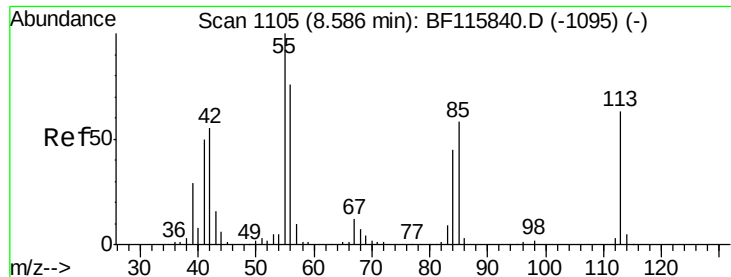


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

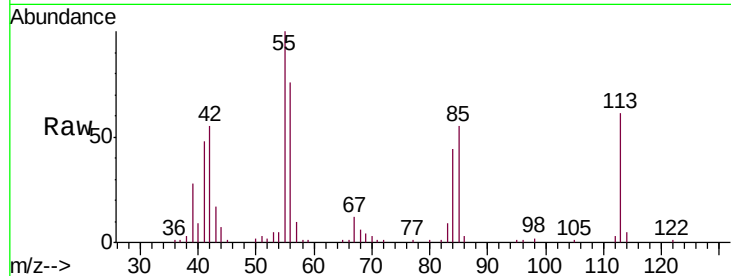




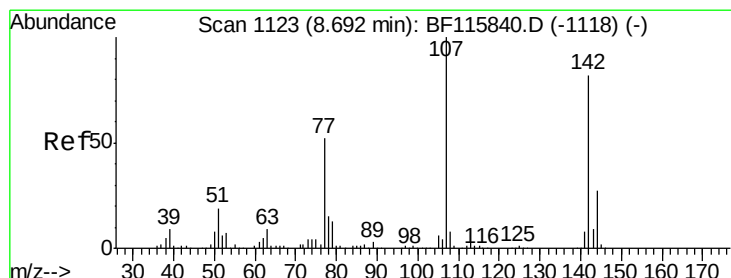
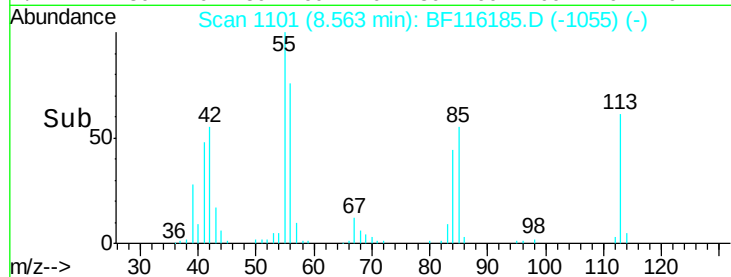
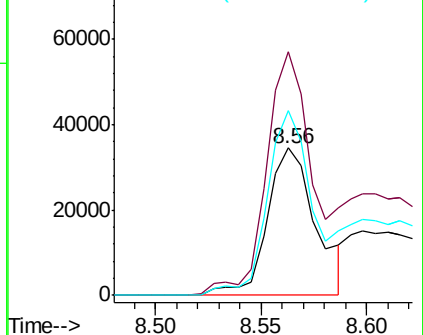
#35
 Caprolactam
 Concen: 21.533 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tgt Ion:113 Resp: 55018
 Ion Ratio Lower Upper
 113 100
 55 165.1 144.3 184.3
 56 125.4 97.1 137.1

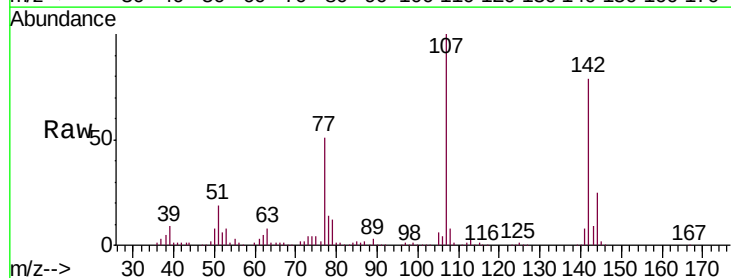


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

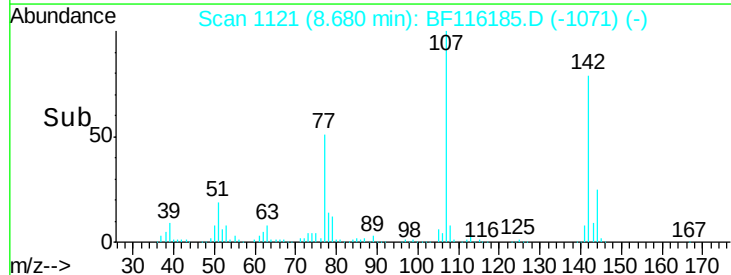
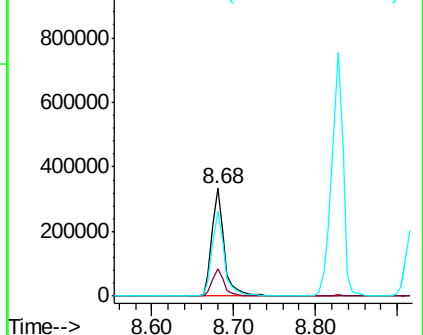


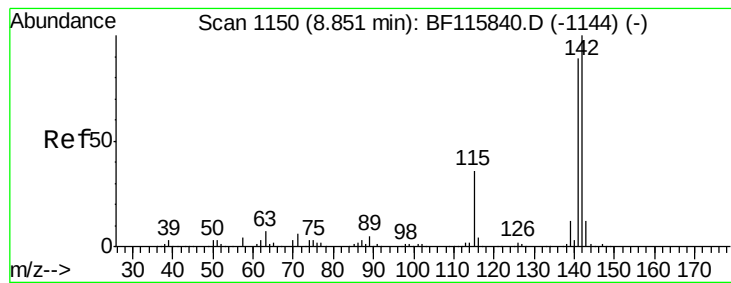
#36
 4-Chloro-3-methylphenol
 Concen: 42.318 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:107 Resp: 347790
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 79.3 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: 41.760 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

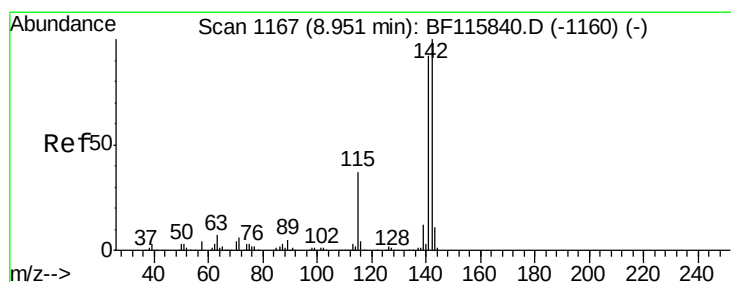
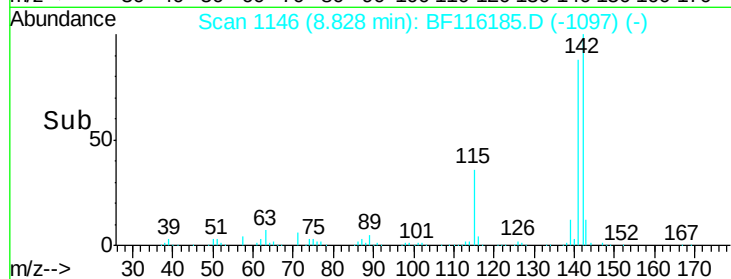
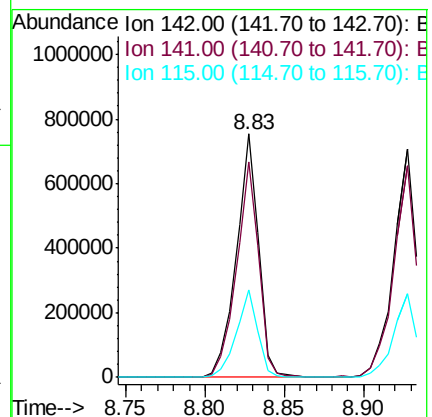
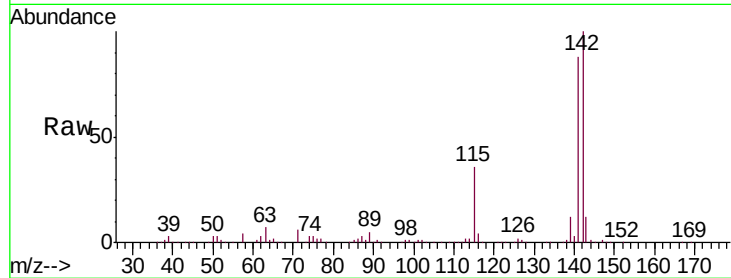
Tgt Ion:142 Resp: 729939

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

115 35.7 29.0 43.6



#38

1-Methylnaphthalene

Concen: 41.505 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

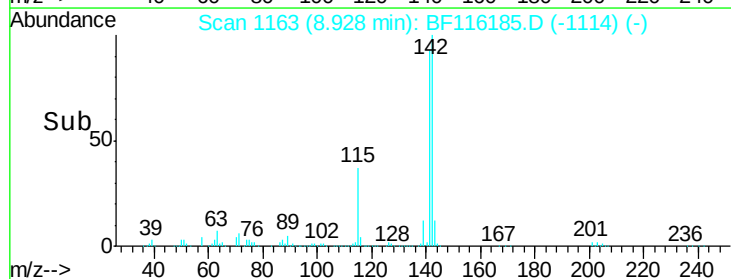
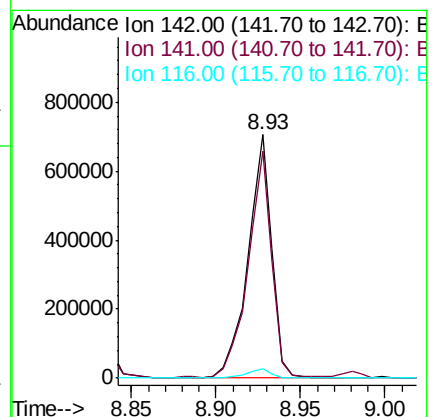
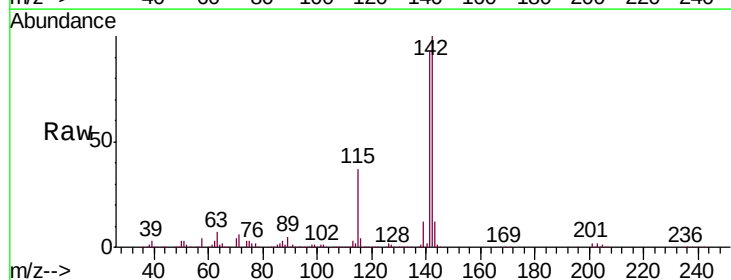
Tgt Ion:142 Resp: 686318

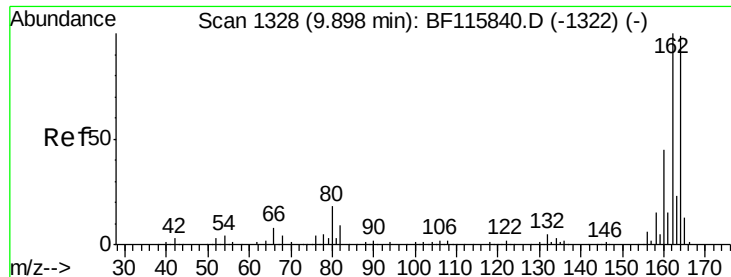
Ion Ratio Lower Upper

142 100

141 93.0 74.4 111.6

116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

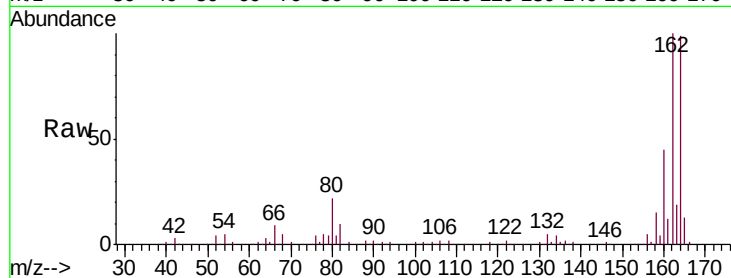
Tgt Ion:164 Resp: 310599

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

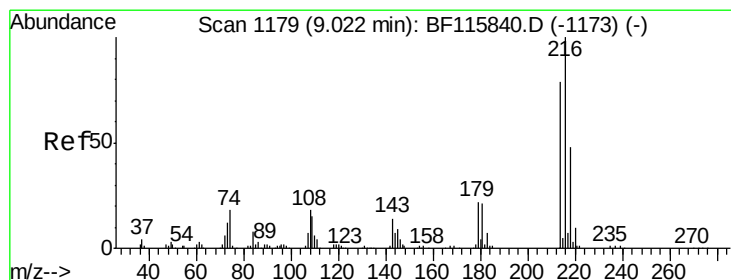
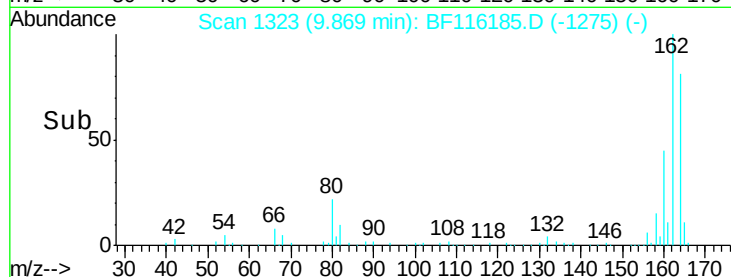
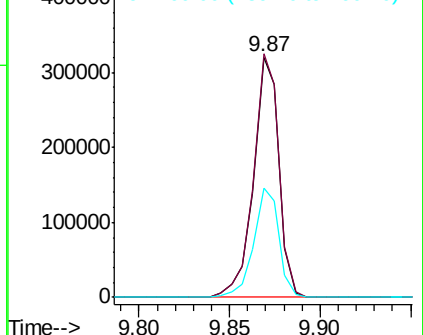
160 45.6 37.6 56.4



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: 40.502 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Tgt Ion:216 Resp: 336314

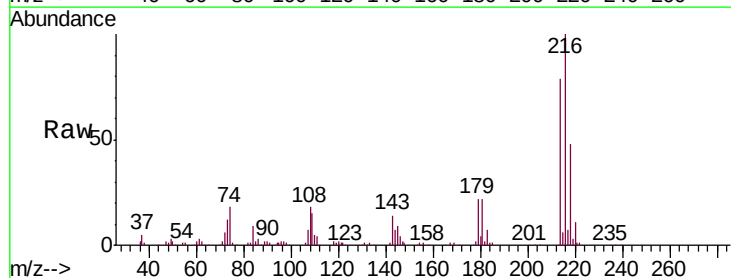
Ion Ratio Lower Upper

216 100

214 79.1 63.6 95.4

179 22.1 17.8 26.8

108 20.2 16.5 24.7

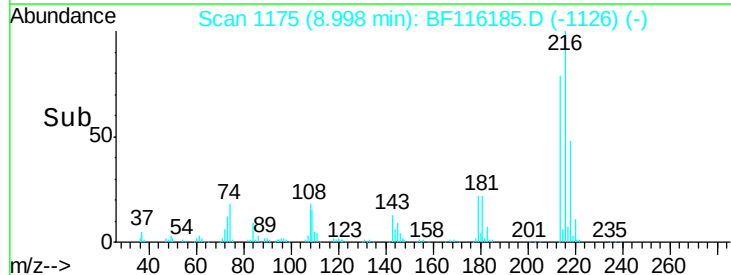
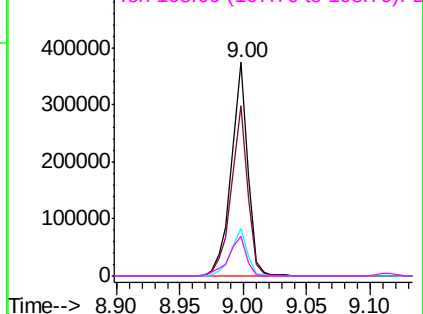


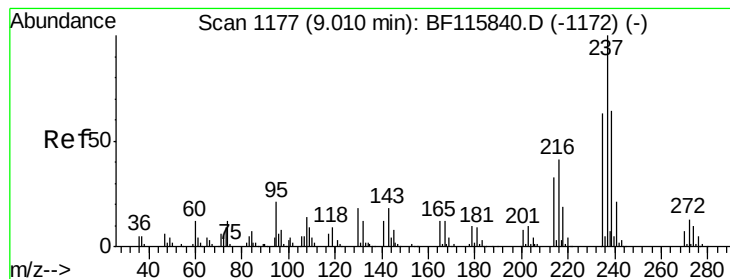
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.461 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

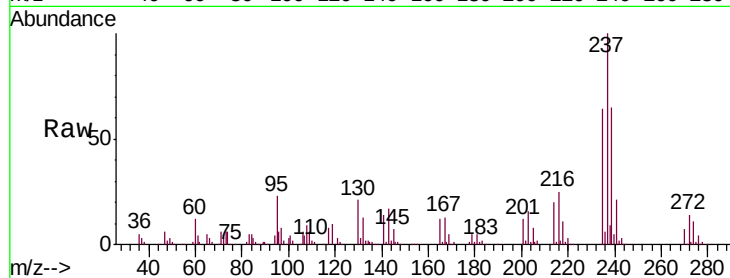
Tgt Ion: 237 Resp: 130995

Ion Ratio Lower Upper

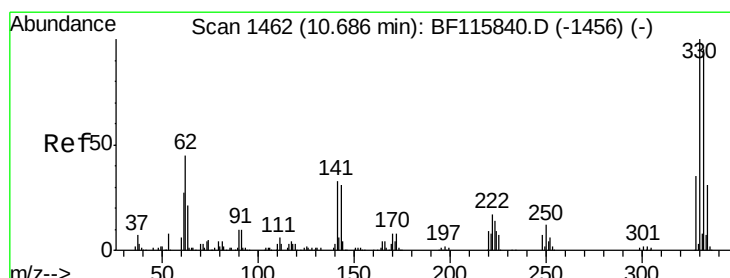
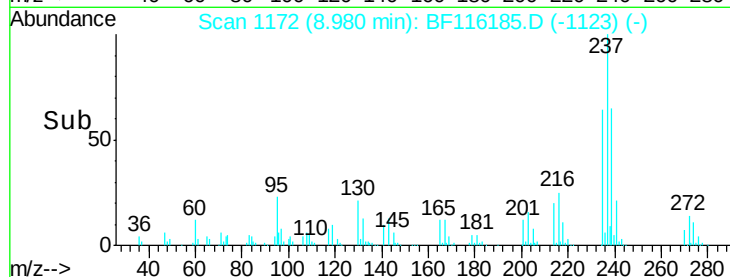
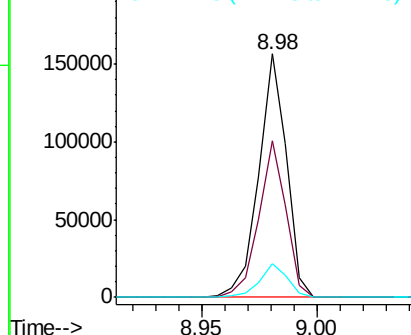
237 100

235 64.1 43.4 83.4

272 13.9 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 109.041 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

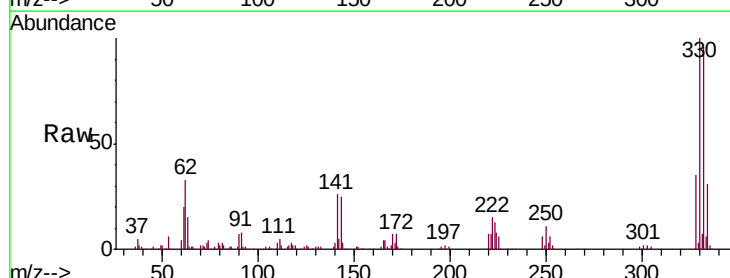
Tgt Ion: 330 Resp: 328359

Ion Ratio Lower Upper

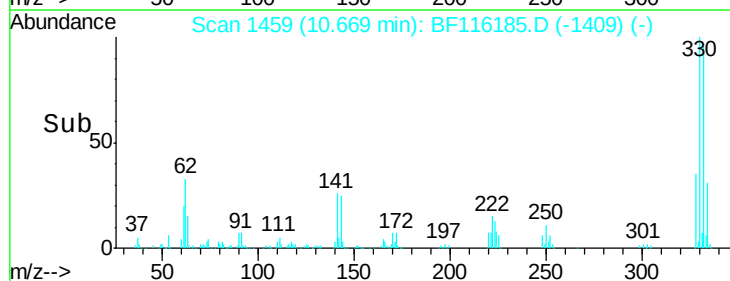
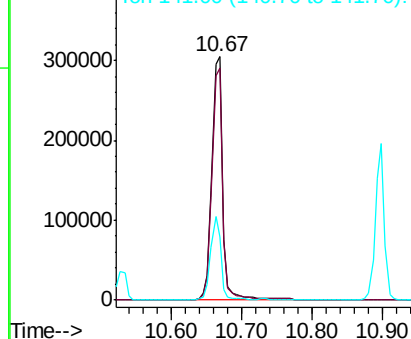
330 100

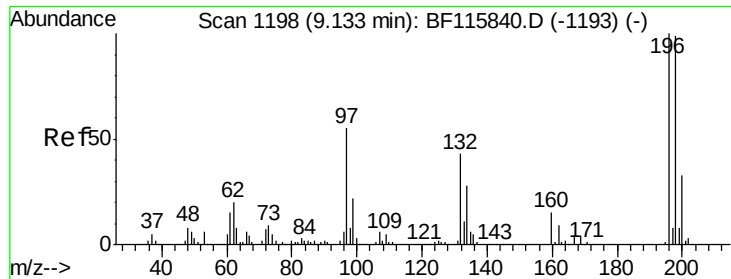
332 94.4 76.8 115.2

141 32.6 26.3 39.5



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

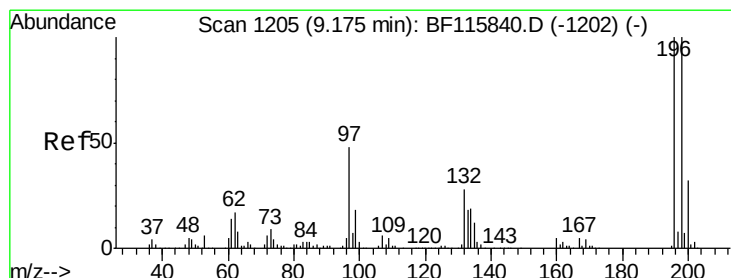
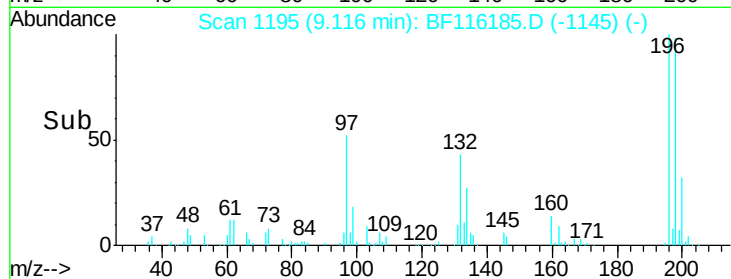
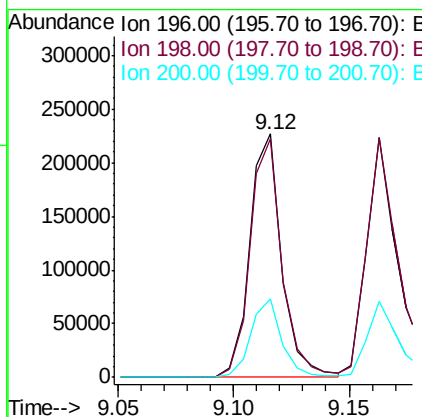
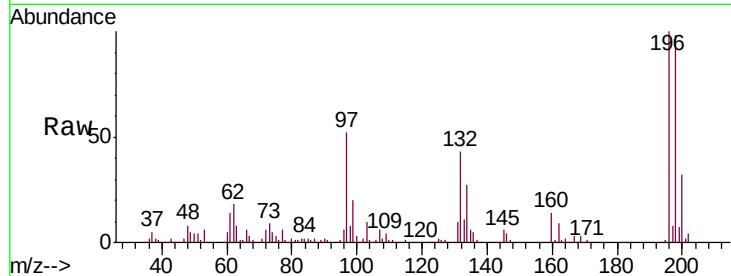




#43
 2,4,6-Trichlorophenol
 Concen: 38.410 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

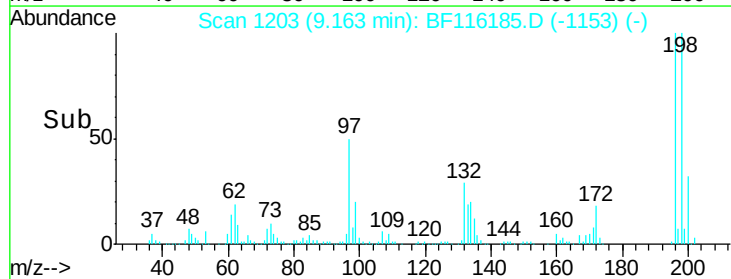
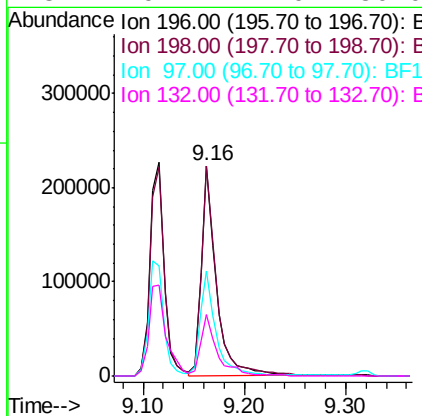
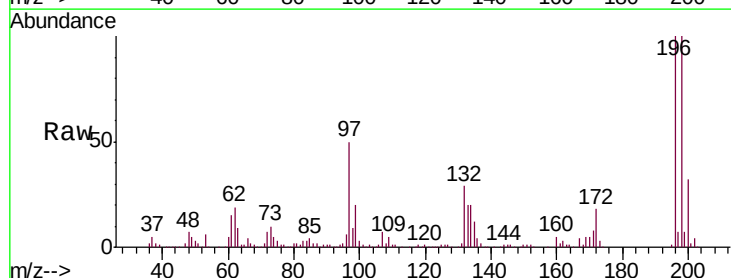
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

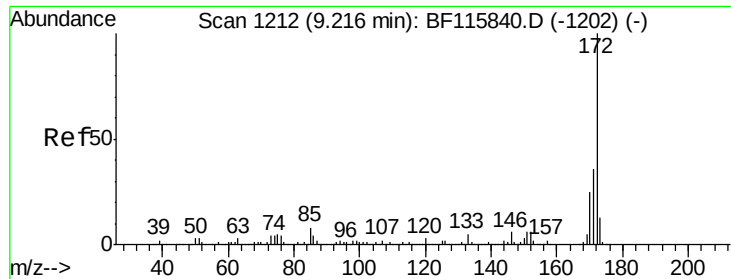
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.2	118.8
200	32.2	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.018 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	78.8	118.2
97	50.2	42.2	63.4
132	29.1	24.0	36.0

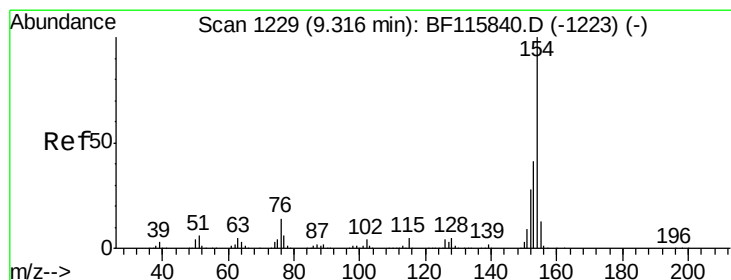
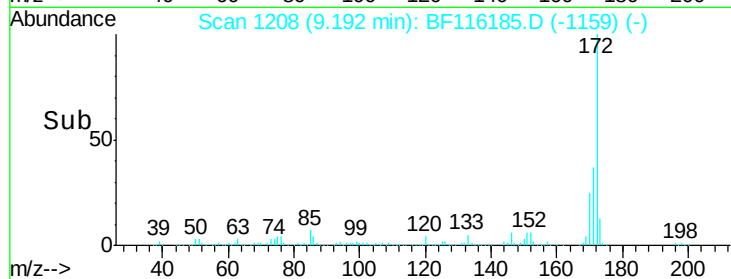
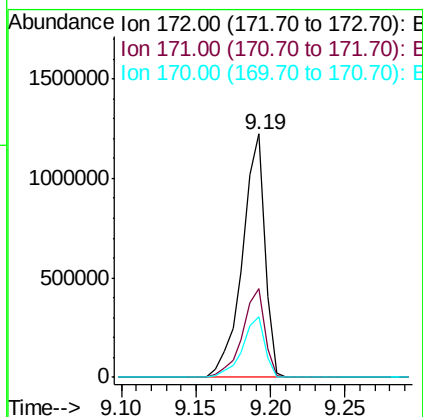
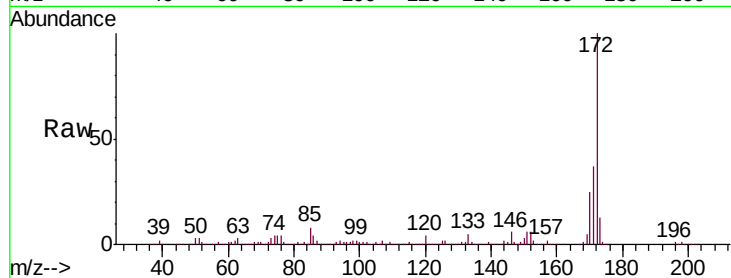




#45
 2-Fluorobiphenyl
 Concen: 77.471 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

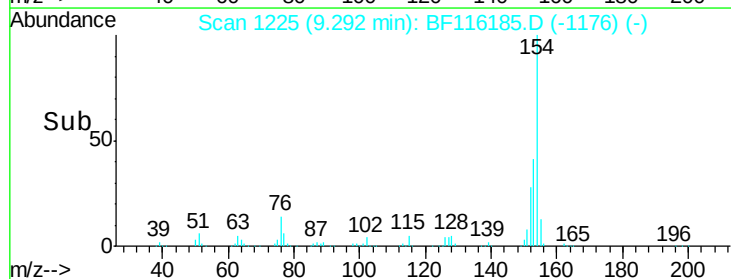
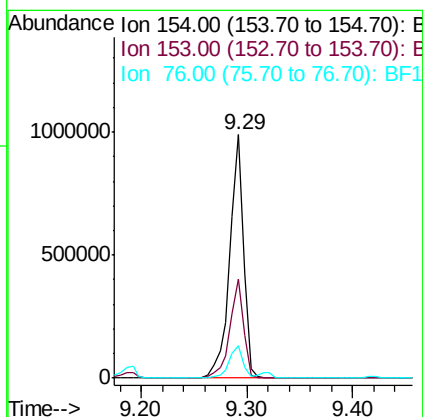
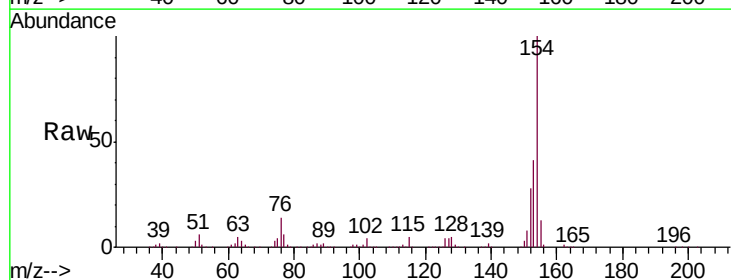
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

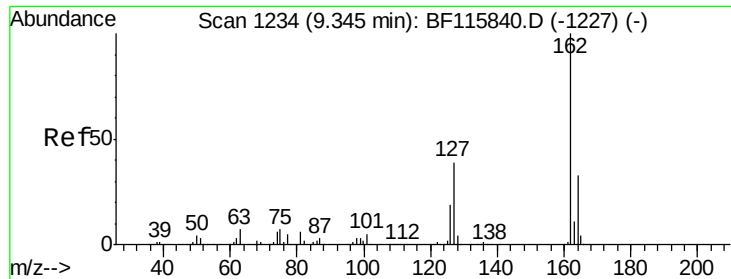
Tgt Ion:172 Resp: 1284652
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 25.1 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 40.659 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:154 Resp: 891569
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.4 61.4
 76 13.5 0.0 35.2

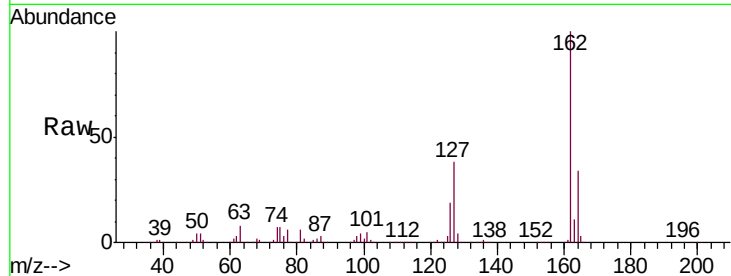




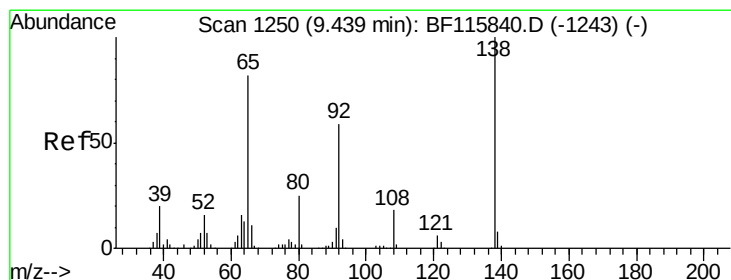
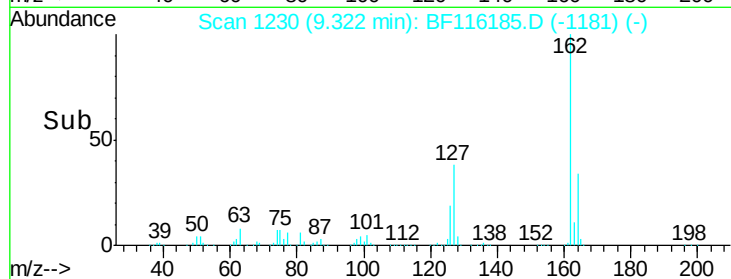
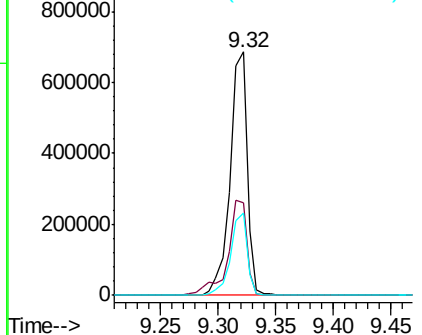
#47
 2-Chloronaphthalene
 Concen: 38.763 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tgt Ion:	162	Resp:	707453
Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.8	49.2
164	33.6	26.6	39.8

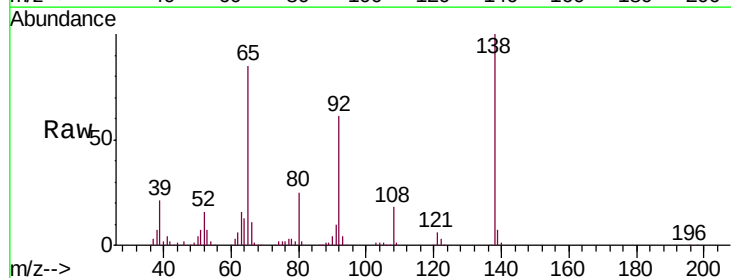


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

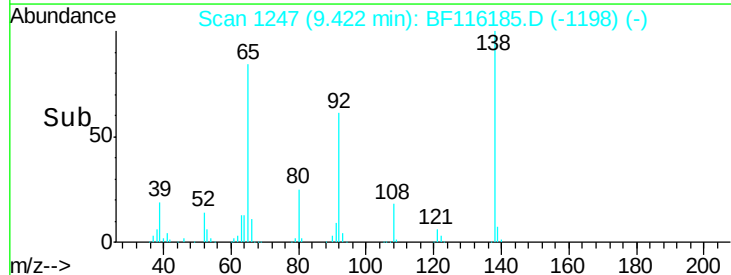
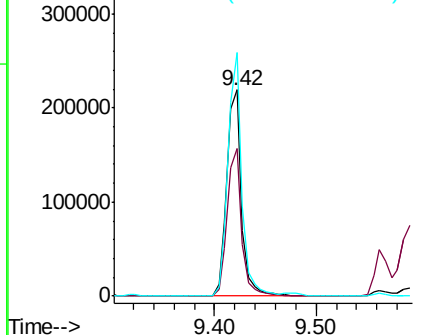


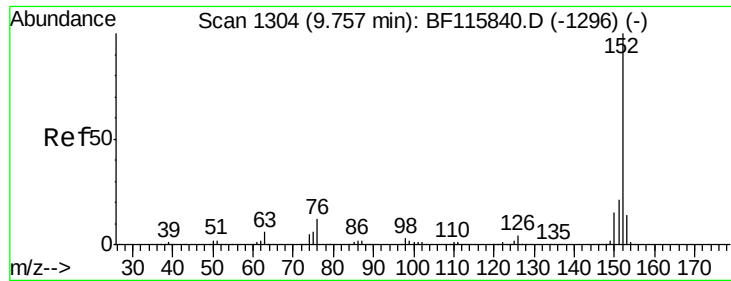
#48
 2-Nitroaniline
 Concen: 36.920 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:	65	Resp:	222721
Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.8	86.8
138	118.1	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: 39.989 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

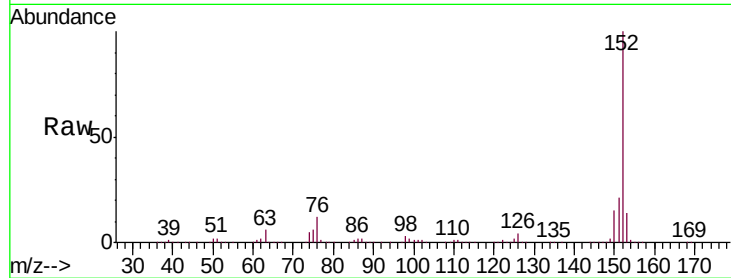
Tgt Ion:152 Resp: 1064756

Ion Ratio Lower Upper

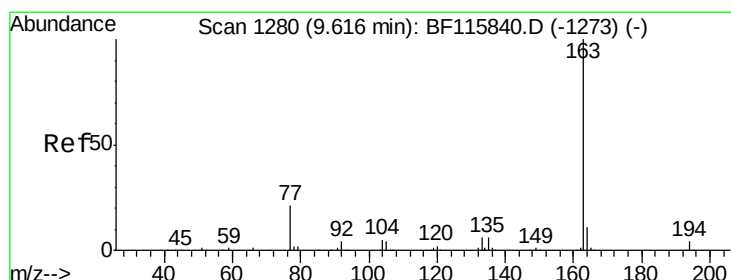
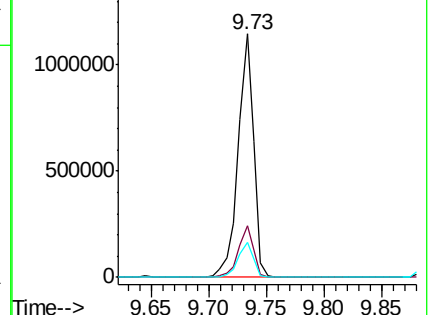
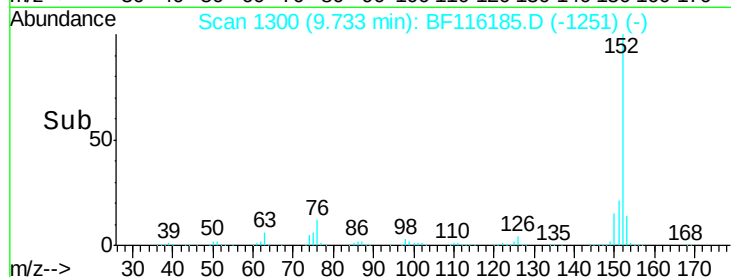
152 100

151 21.0 17.2 25.8

153 14.1 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: 40.003 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

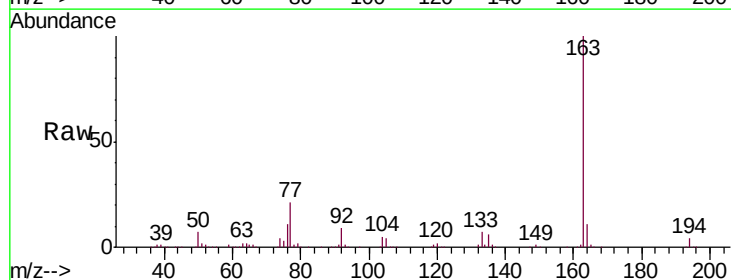
Tgt Ion:163 Resp: 846004

Ion Ratio Lower Upper

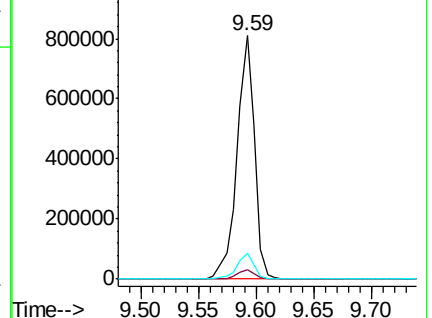
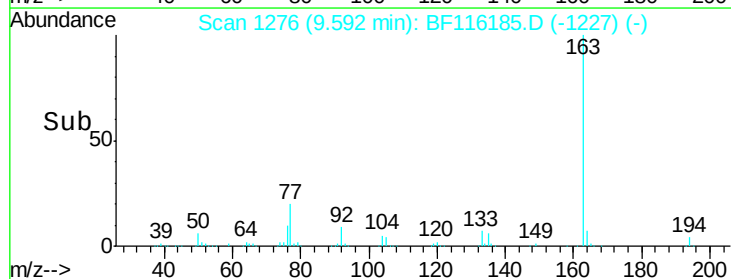
163 100

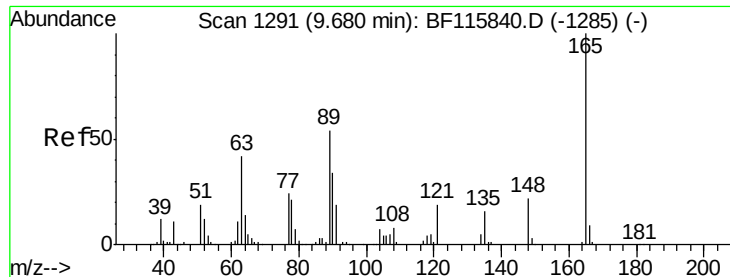
194 3.9 3.0 4.6

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.127 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

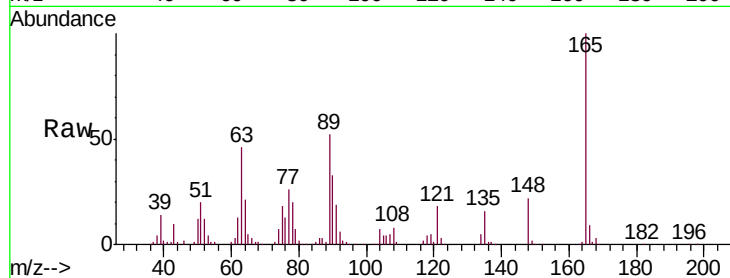
Tgt Ion:165 Resp: 184420

Ion Ratio Lower Upper

165 100

63 46.4 38.2 57.2

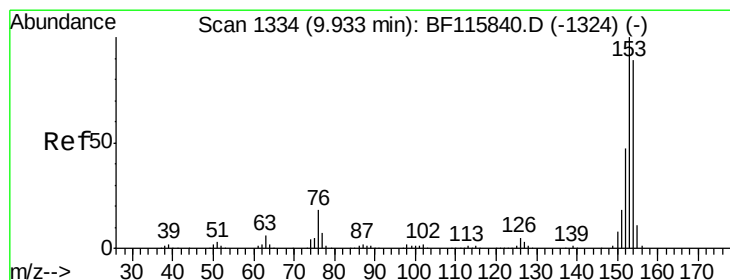
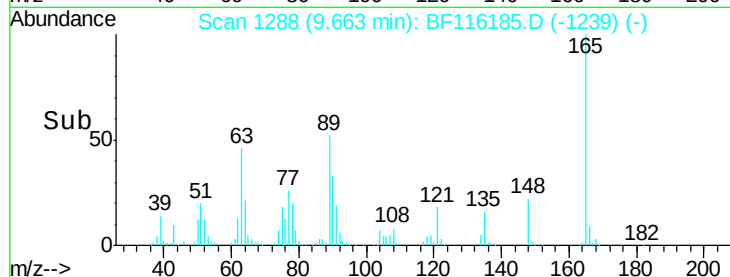
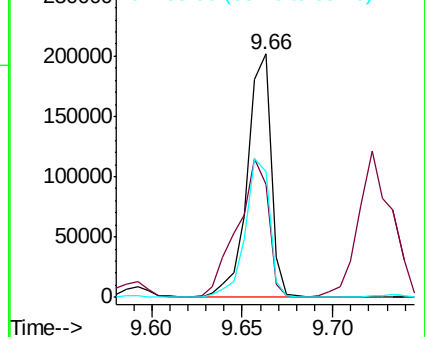
89 51.9 42.9 64.3



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: 39.458 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

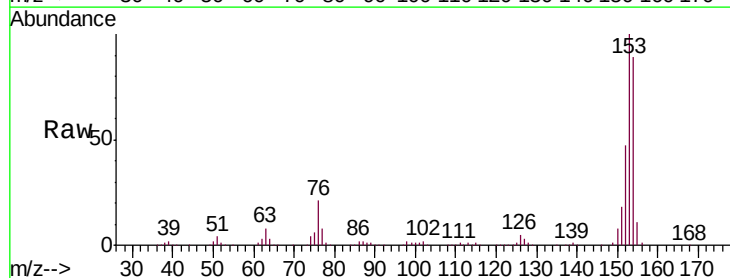
Tgt Ion:154 Resp: 644535

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.0

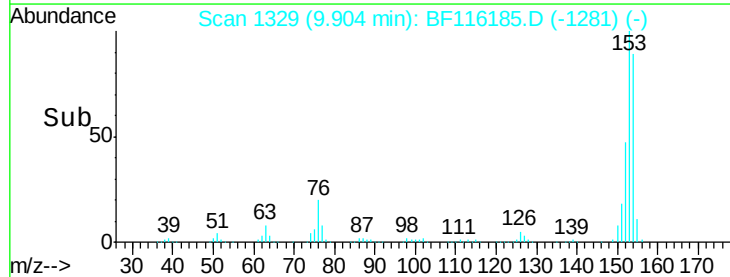
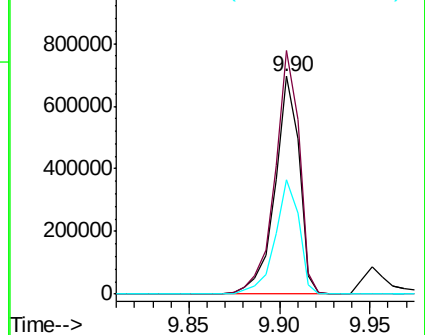
152 52.8 42.3 63.5

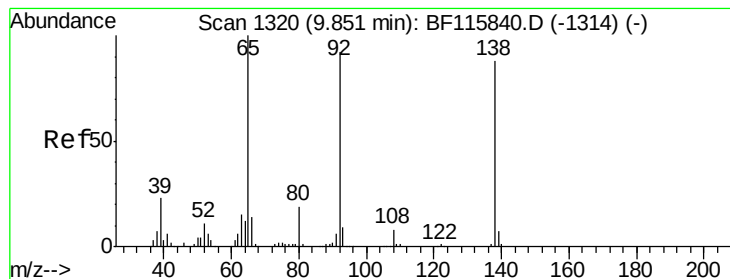


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.850 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

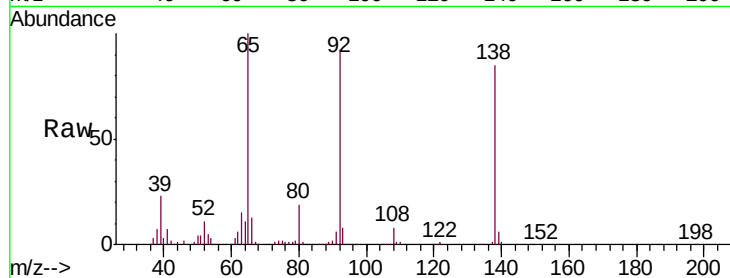
Tgt Ion:138 Resp: 146797

Ion Ratio Lower Upper

138 100

108 9.3 8.0 12.0

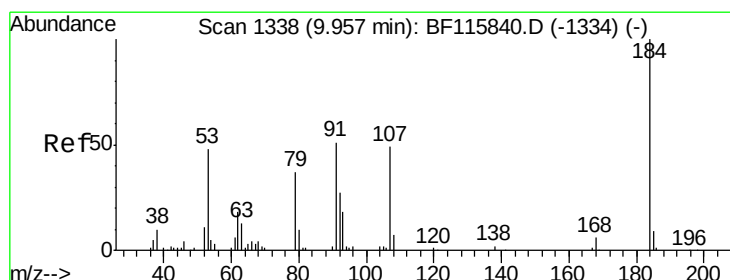
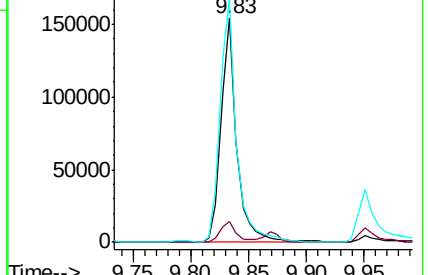
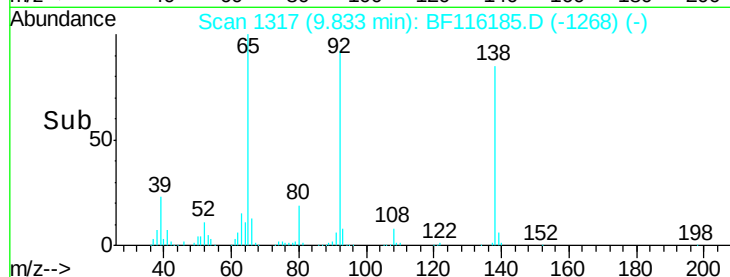
92 108.8 91.0 136.6



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



#54

2,4-Dinitrophenol

Concen: 67.230 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

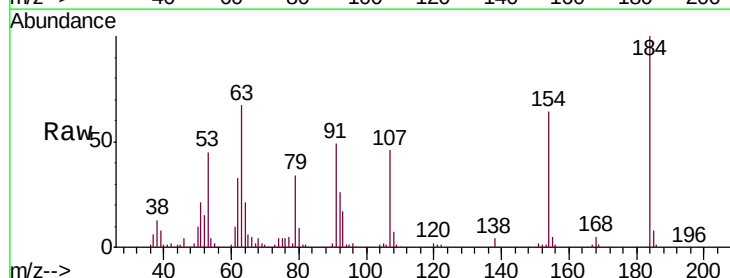
Tgt Ion:184 Resp: 153922

Ion Ratio Lower Upper

184 100

63 66.7 53.0 79.4

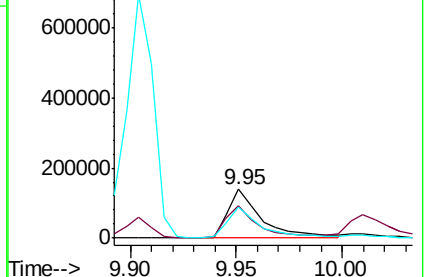
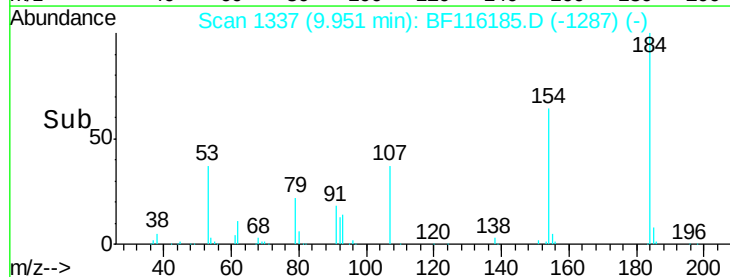
154 63.8 50.1 75.1

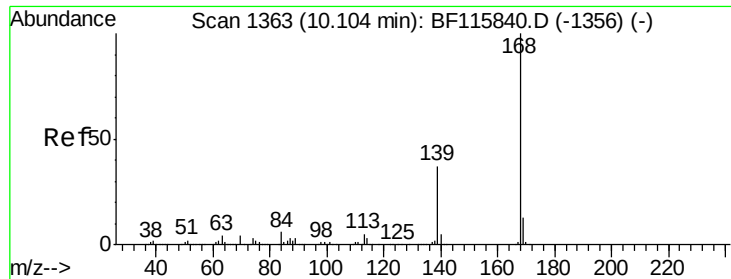


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.963 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

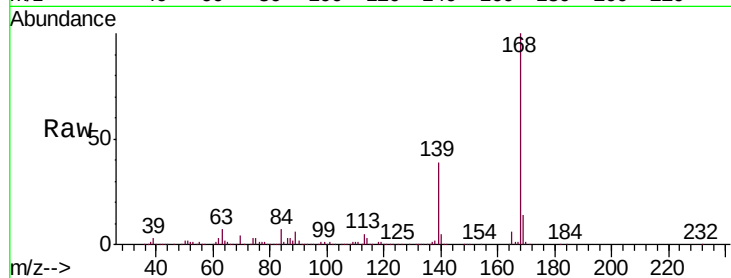
Tgt Ion:168 Resp: 925567

Ion Ratio Lower Upper

168 100

139 39.1 31.4 47.2

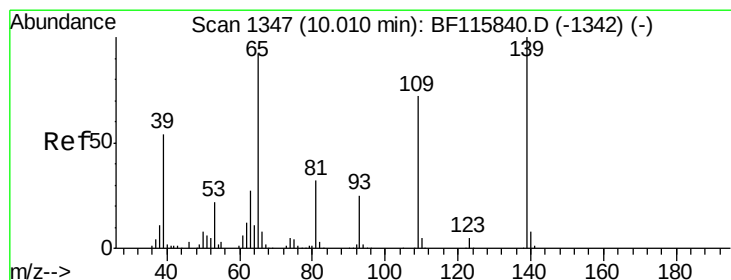
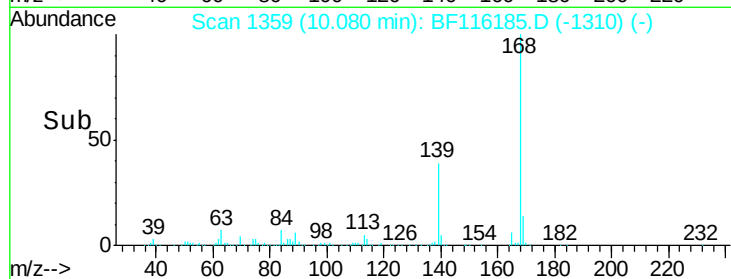
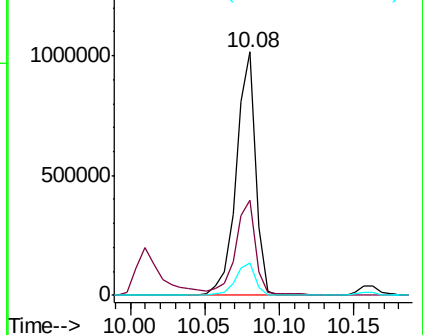
169 13.6 10.9 16.3



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: 64.812 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

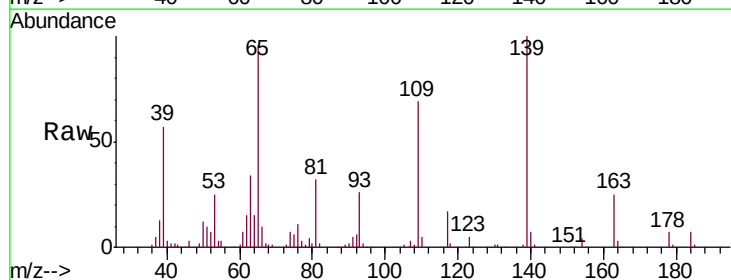
Tgt Ion:139 Resp: 235778

Ion Ratio Lower Upper

139 100

109 69.1 54.4 94.4

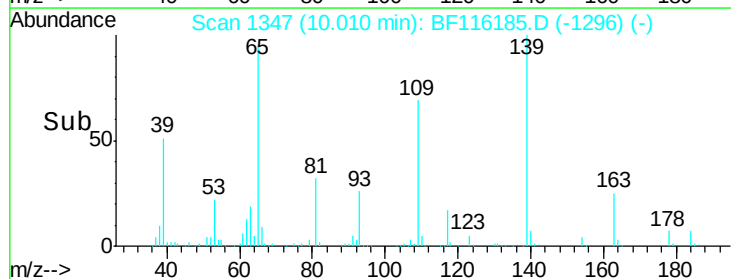
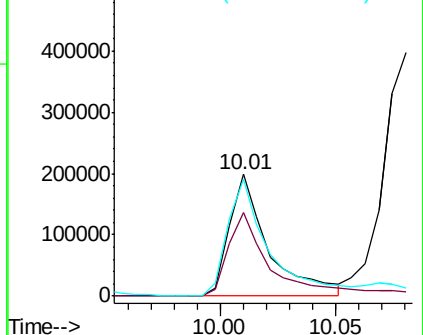
65 96.0 80.6 120.6

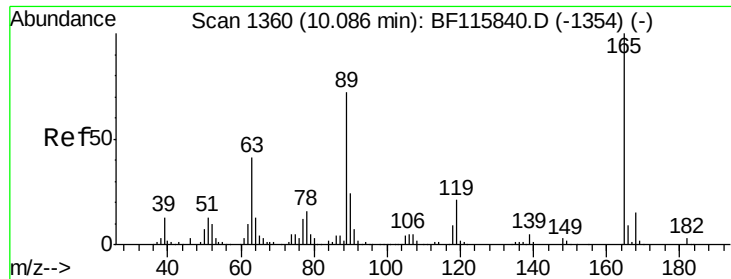


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.508 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tgt Ion:165 Resp: 235631

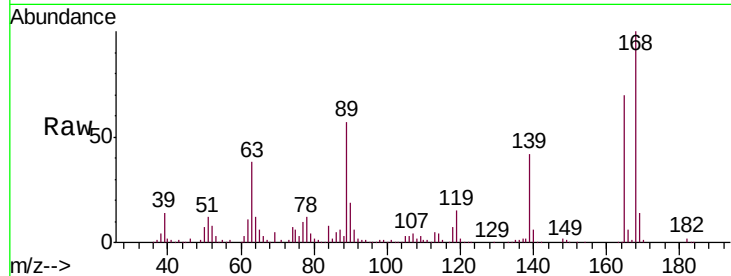
Ion Ratio Lower Upper

165 100

63 53.6 39.6 59.4

89 80.9 62.2 93.2

182 2.5 2.1 3.1

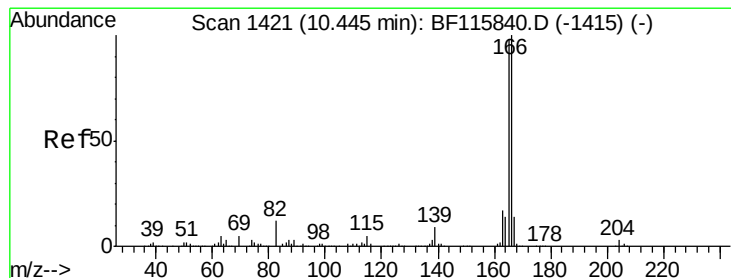
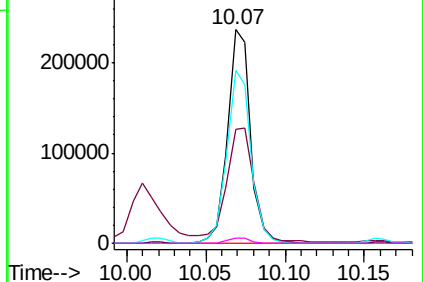
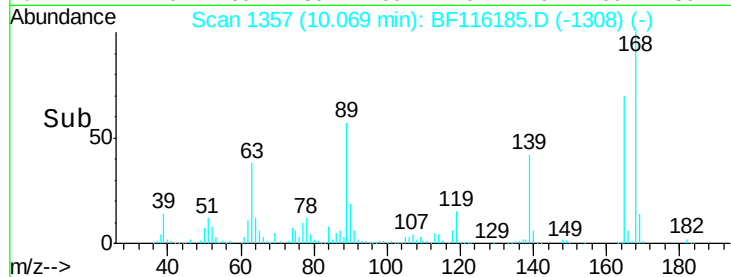


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.248 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

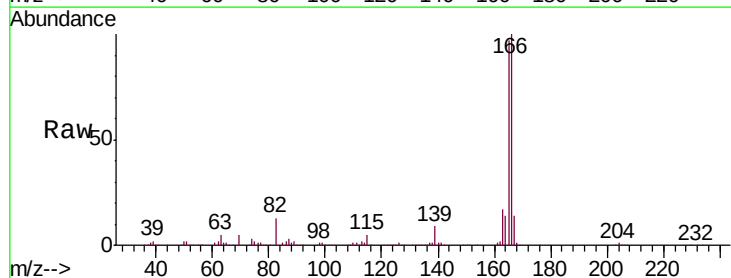
Tgt Ion:166 Resp: 753859

Ion Ratio Lower Upper

166 100

165 97.4 78.4 117.6

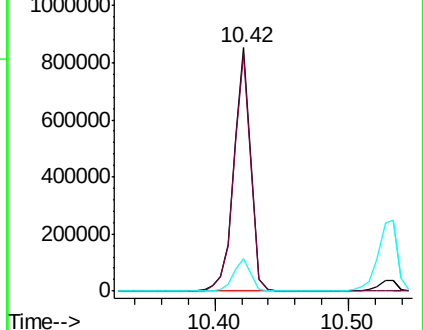
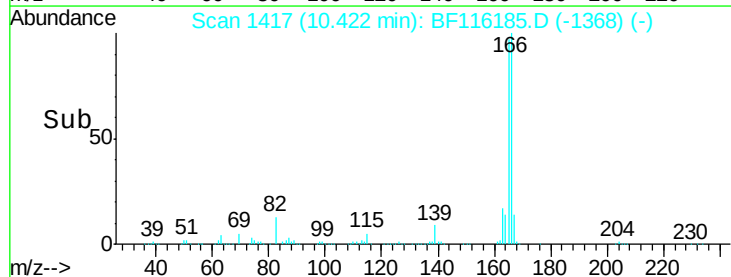
167 13.6 11.0 16.4

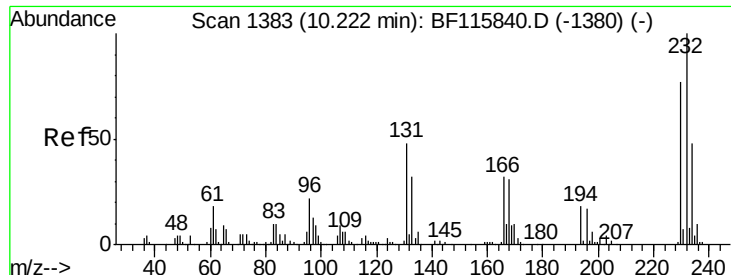


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

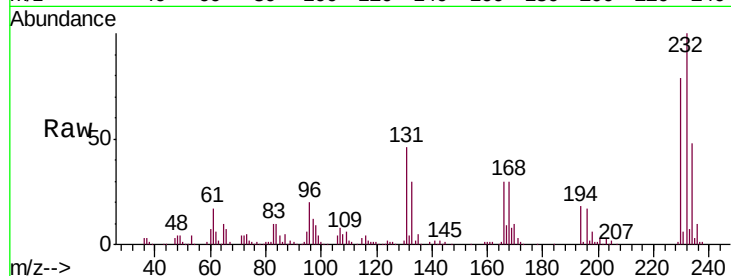




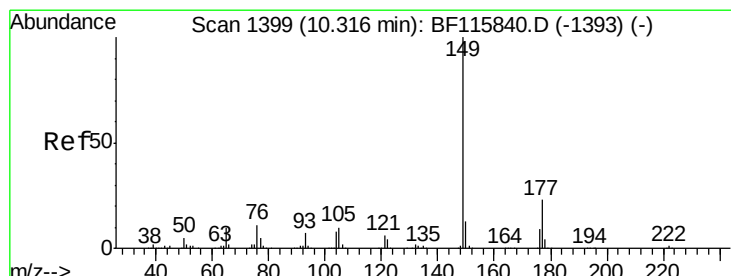
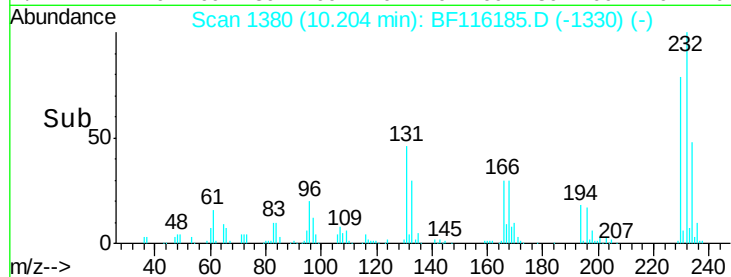
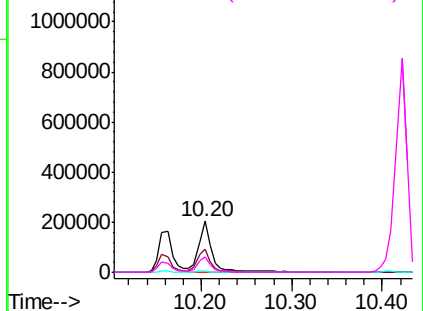
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.368 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

Tgt Ion:	232	Resp:	200653
Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.2	54.2
130	2.4	1.9	2.9
166	29.9	23.0	34.4

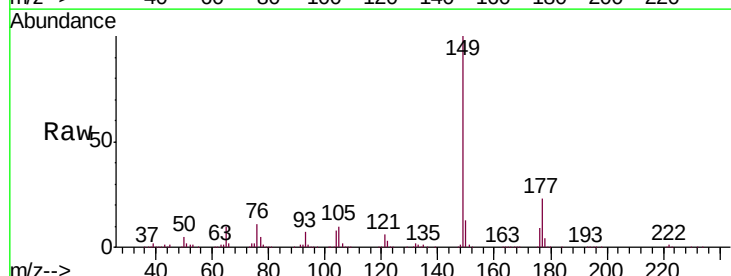


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

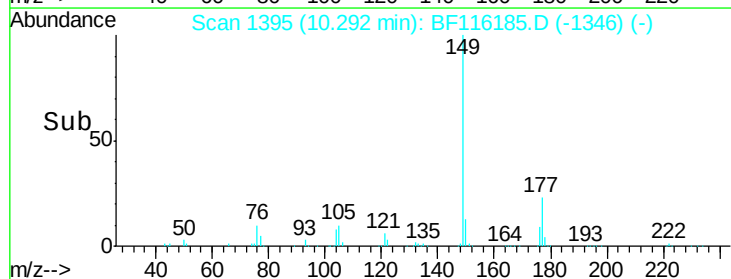
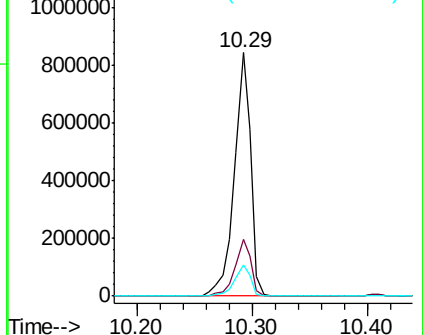


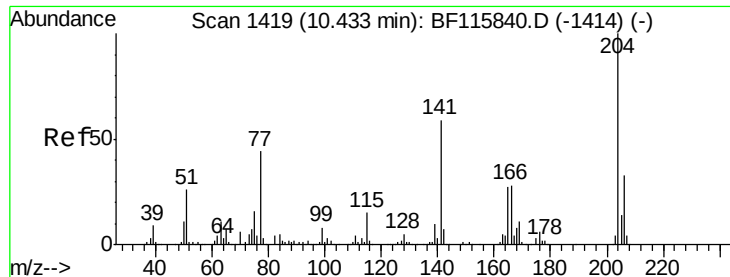
#60
 Diethylphthalate
 Concen: 41.477 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:	149	Resp:	818943
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.8	28.2
150	12.7	10.2	15.4



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

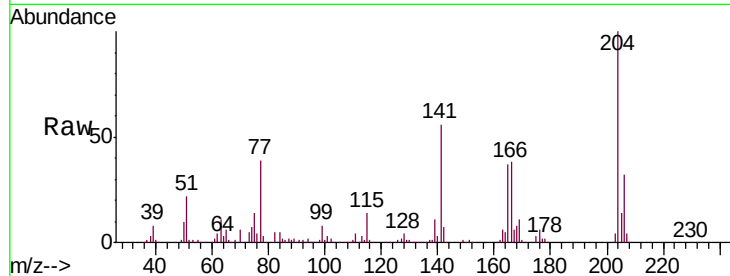




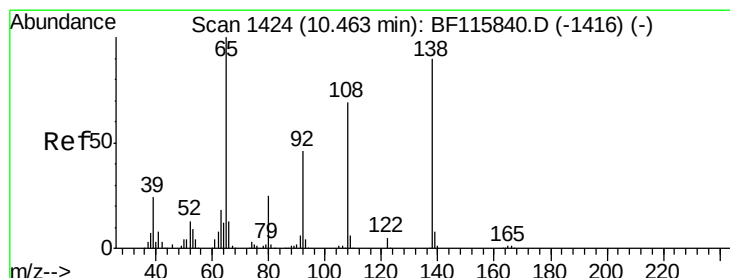
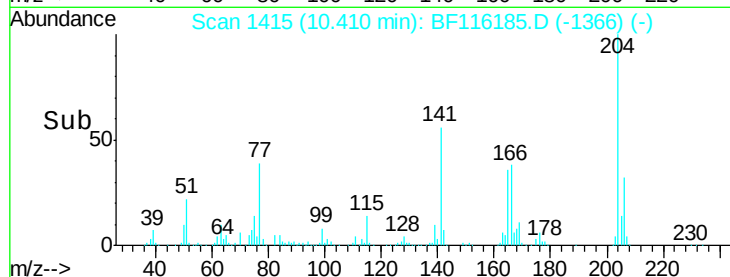
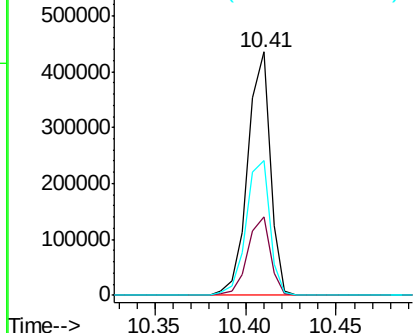
#61
4-Chlorophenyl-phenylether
Concen: 40.928 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tgt Ion: 204 Resp: 378835
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 55.6 46.4 69.6

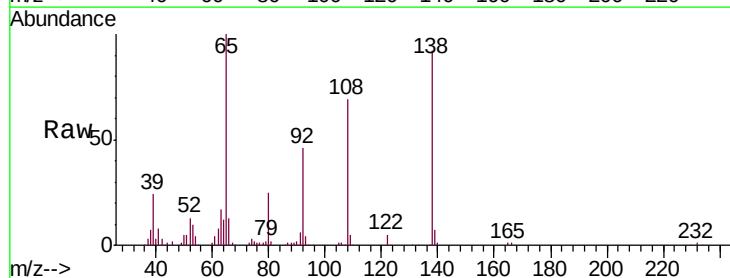


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

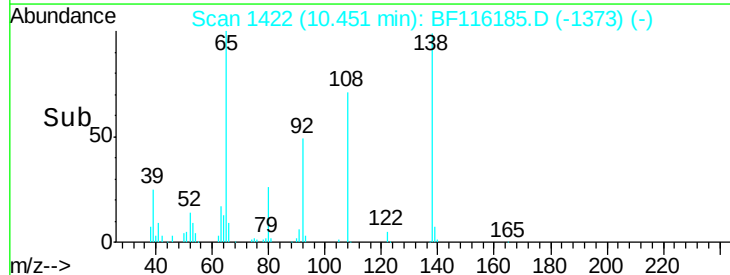
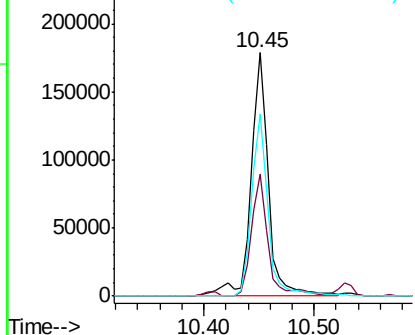


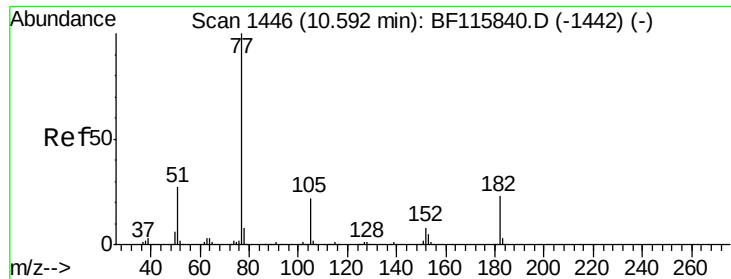
#62
4-Nitroaniline
Concen: 33.736 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion: 138 Resp: 197990
Ion Ratio Lower Upper
138 100
92 50.1 29.0 69.0
108 74.9 54.7 94.7



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





#63

Azobenzene

Concen: 40.973 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

Tgt Ion: 77 Resp: 832112

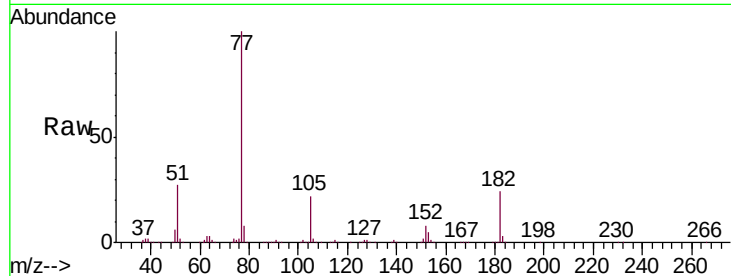
Ion Ratio Lower Upper

77 100

182 23.7 4.0 44.0

105 22.1 2.0 42.0

51 26.8 7.5 47.5

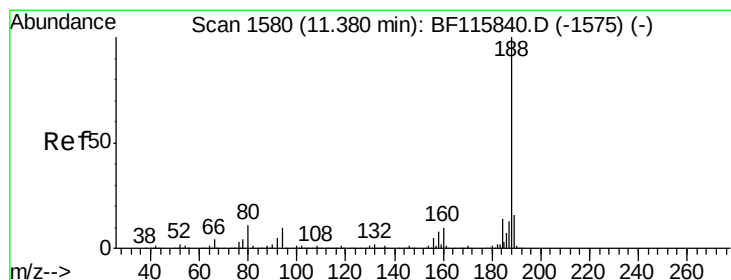
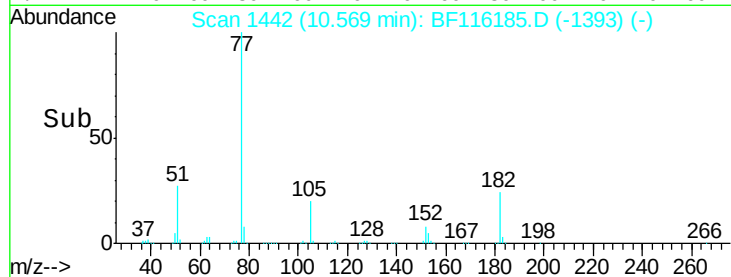
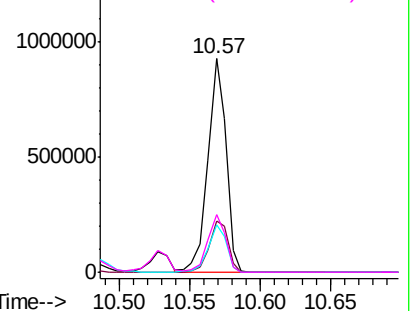


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

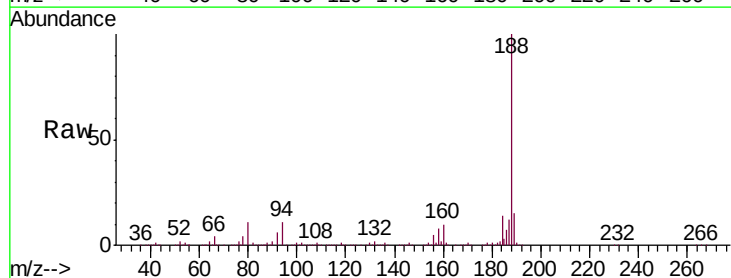
Tgt Ion: 188 Resp: 537513

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

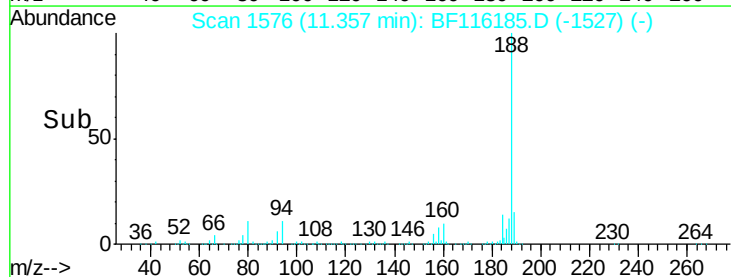
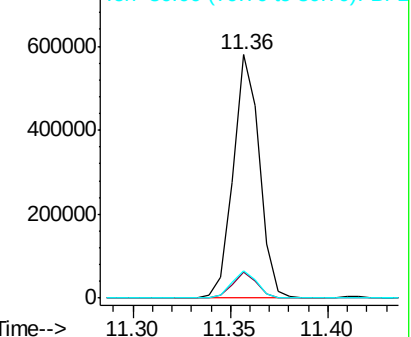
80 11.2 8.7 13.1

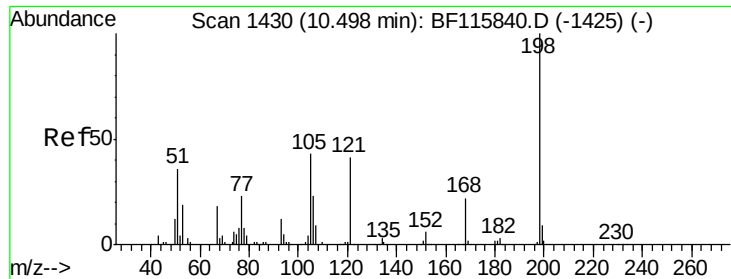


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

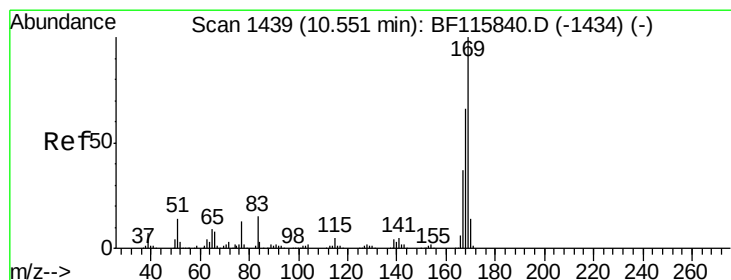
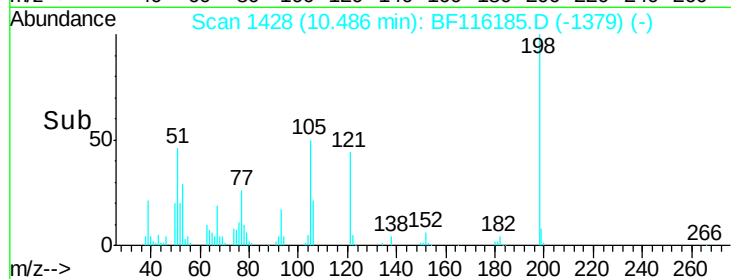
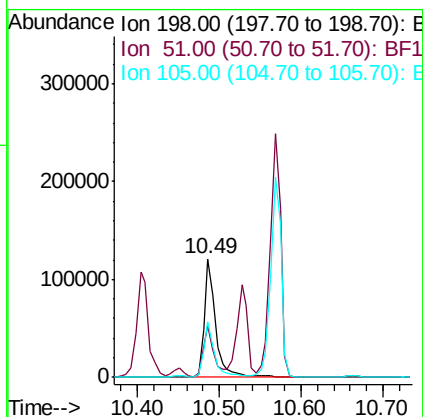
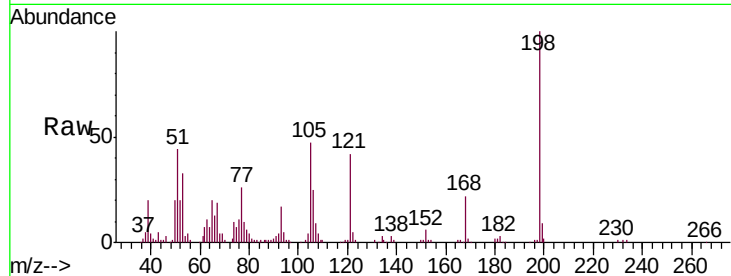




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.464 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

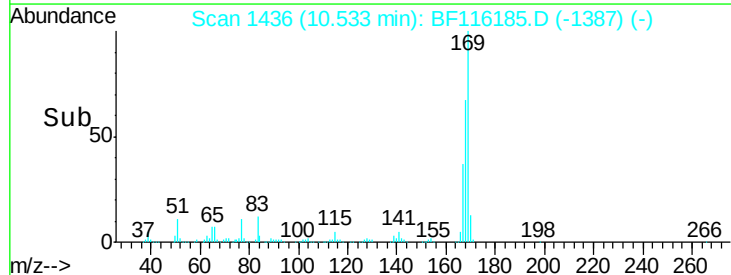
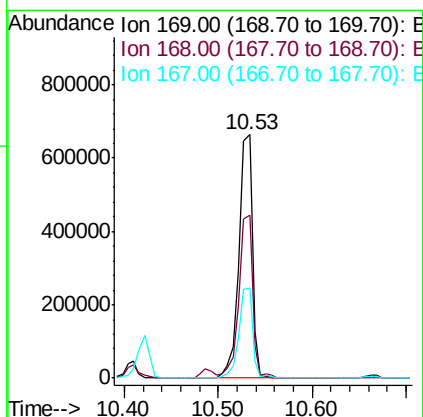
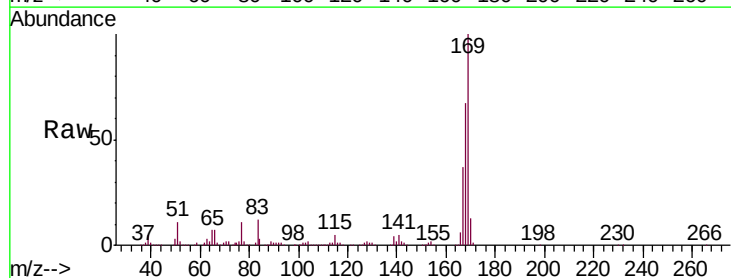
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

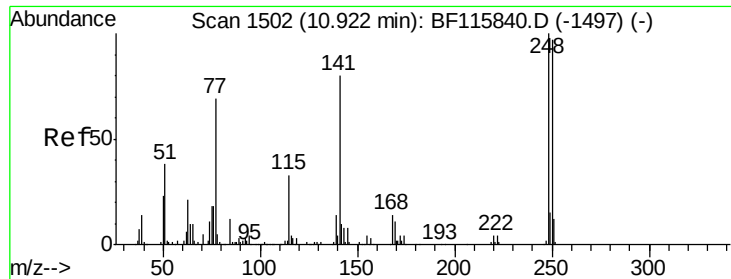
Tgt Ion:198 Resp: 120956
 Ion Ratio Lower Upper
 198 100
 51 43.6 17.0 57.0
 105 47.1 21.6 61.6



#66
 n-Nitrosodiphenylamine
 Concen: 41.275 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:169 Resp: 667770
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 37.2 29.6 44.4

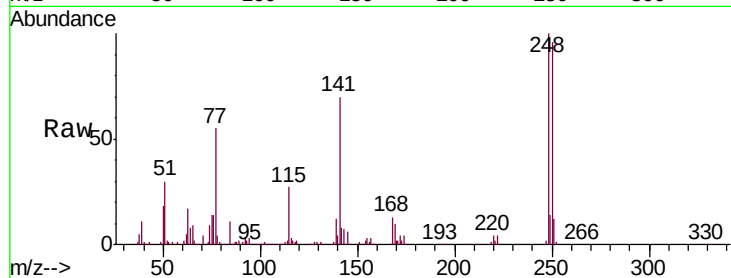




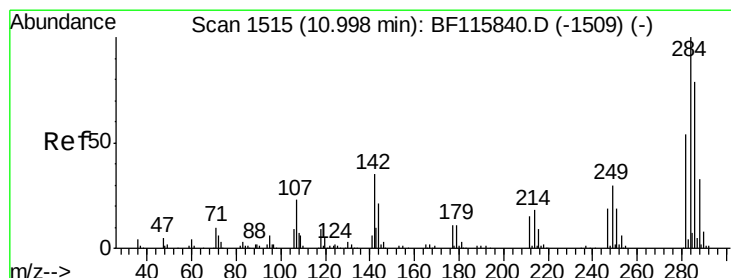
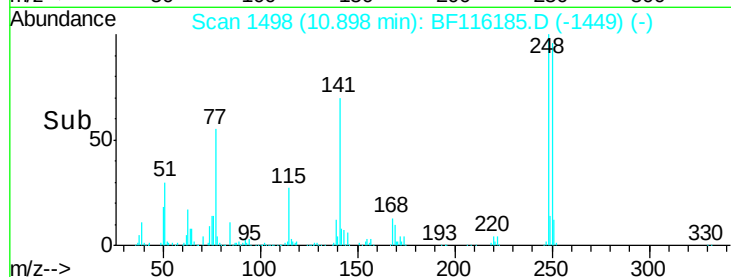
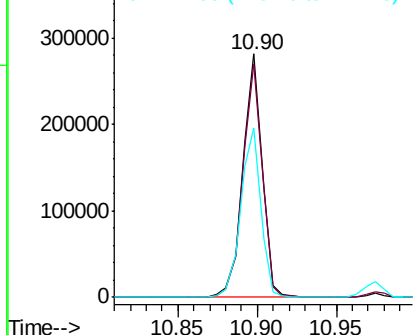
#67
4-Bromophenyl-phenylether
Concen: 40.931 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tgt Ion:248 Resp: 235517
Ion Ratio Lower Upper
248 100
250 95.6 77.4 116.2
141 69.7 56.8 85.2

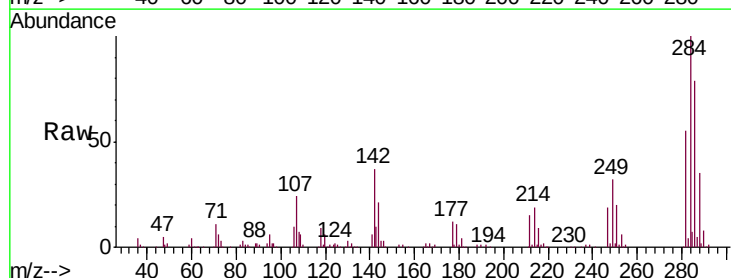


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

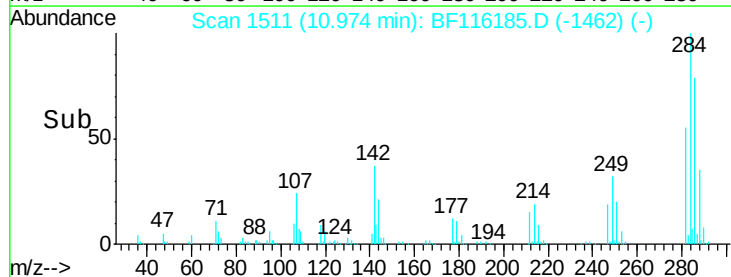
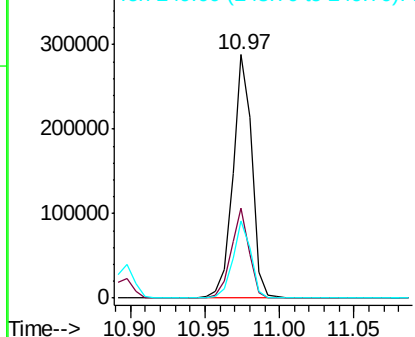


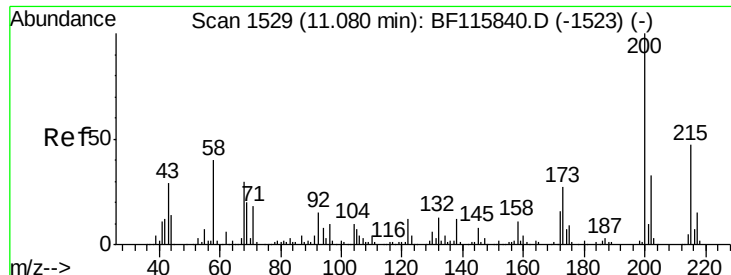
#68
Hexachlorobenzene
Concen: 38.762 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:284 Resp: 257910
Ion Ratio Lower Upper
284 100
142 37.1 28.4 42.6
249 31.6 24.5 36.7



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





#69

Atrazine

Concen: 39.085 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

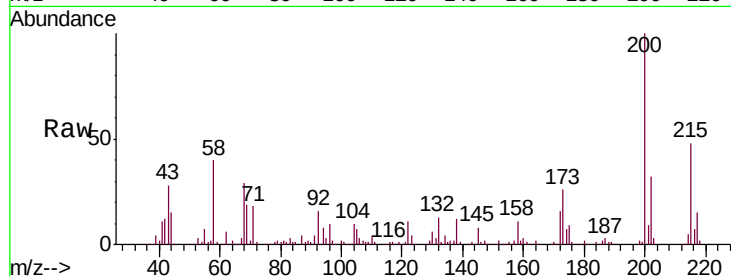
Tgt Ion:200 Resp: 208026

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

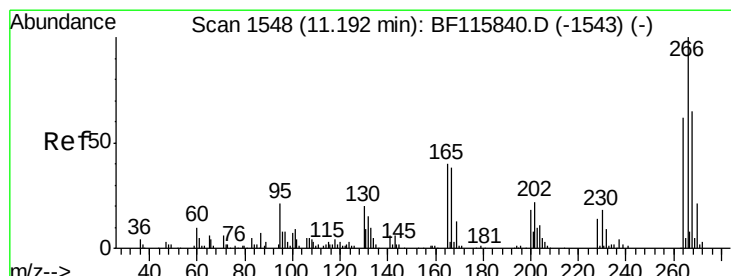
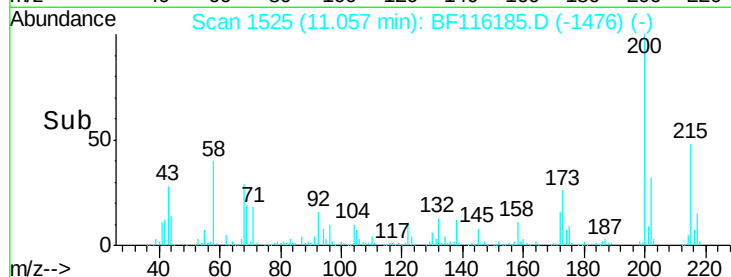
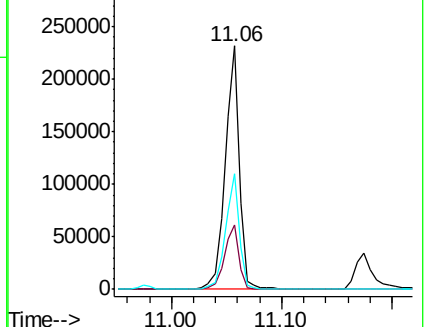
215 47.5 27.5 67.5



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: 74.806 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

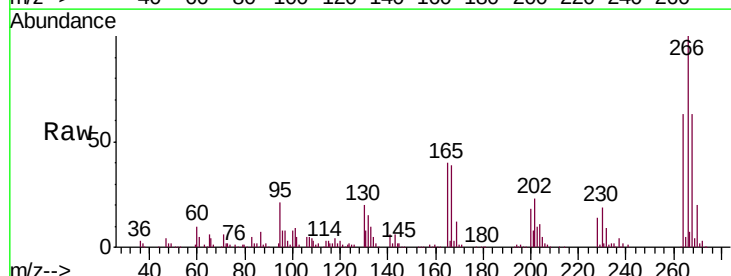
Tgt Ion:266 Resp: 241648

Ion Ratio Lower Upper

266 100

268 62.8 48.8 73.2

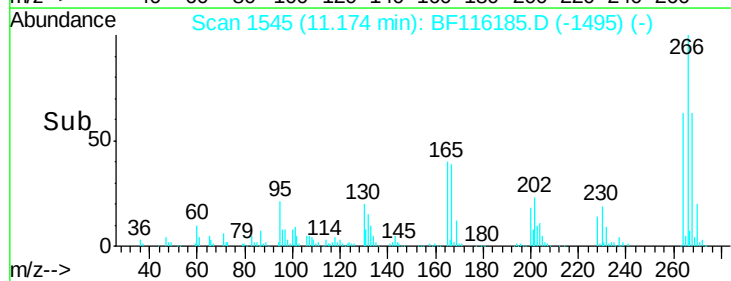
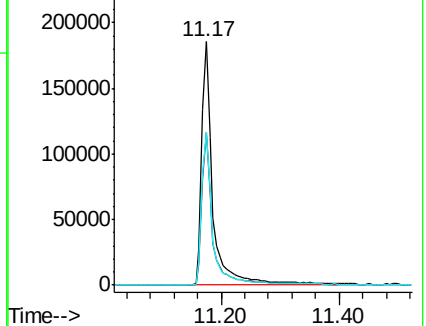
264 62.6 50.6 76.0

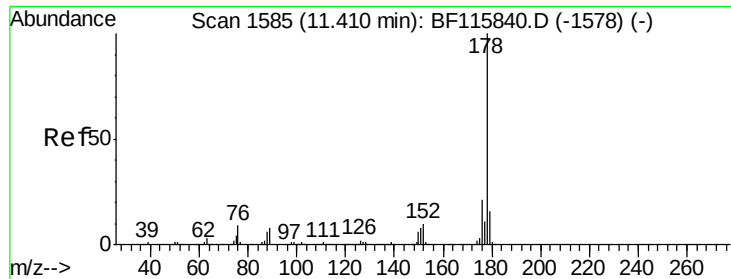


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

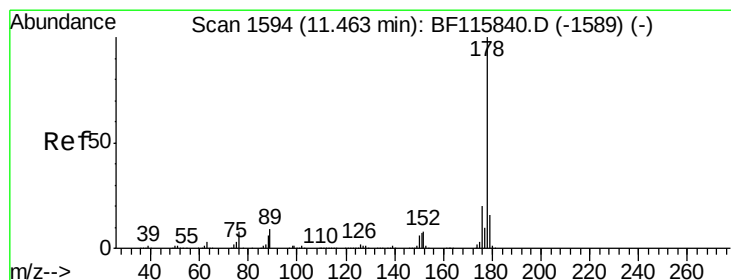
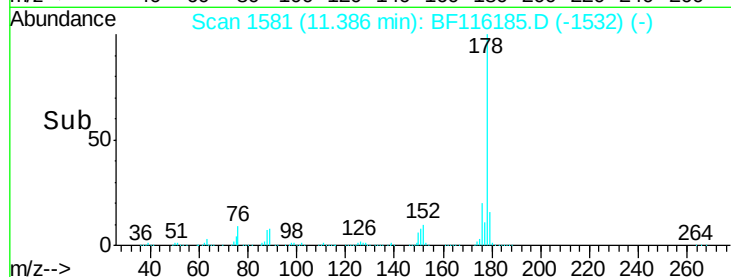
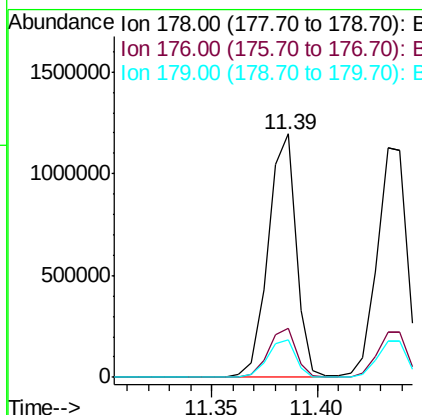
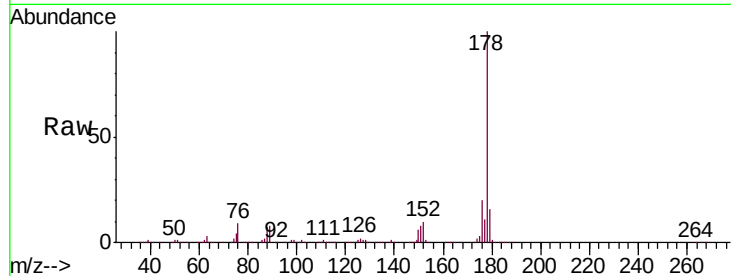




#71
Phenanthrene
Concen: 40.302 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

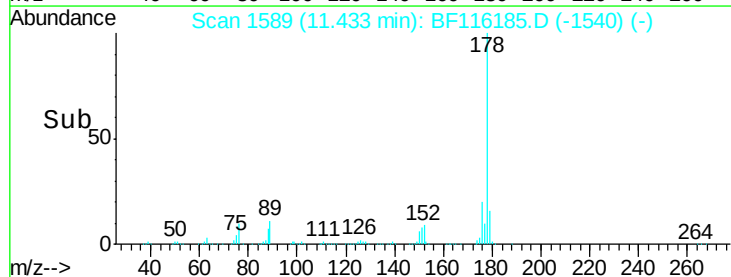
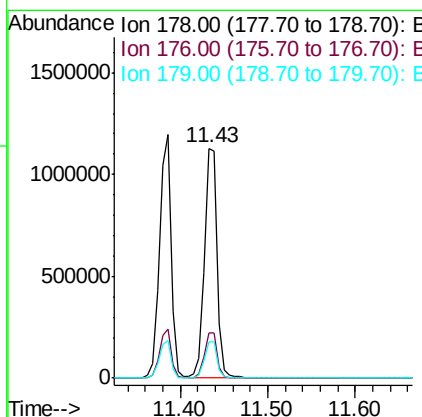
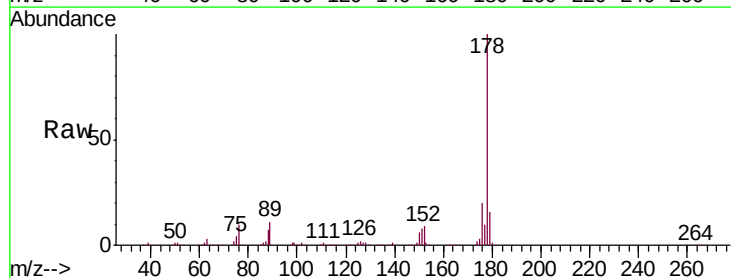
Instrument :
BNA_F
ClientSampleId :
PB122104BS

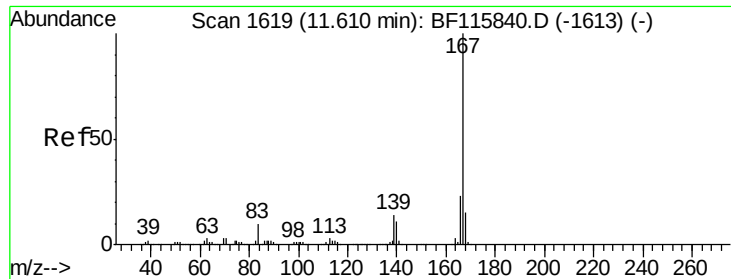
Tgt Ion:178 Resp: 1107451
Ion Ratio Lower Upper
178 100
176 20.1 16.6 24.8
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.180 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:178 Resp: 1145197
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.0 13.0 19.6

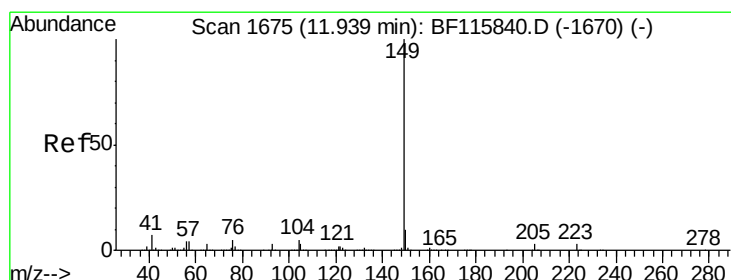
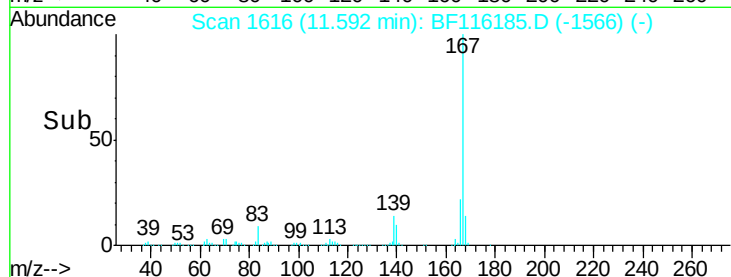
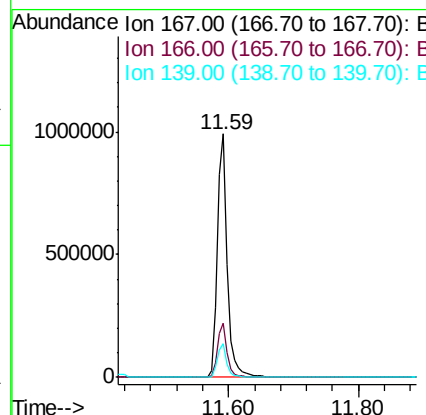
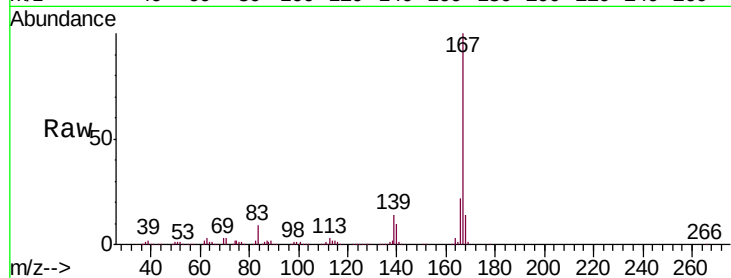




#73
 Carbazole
 Concen: 41.309 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

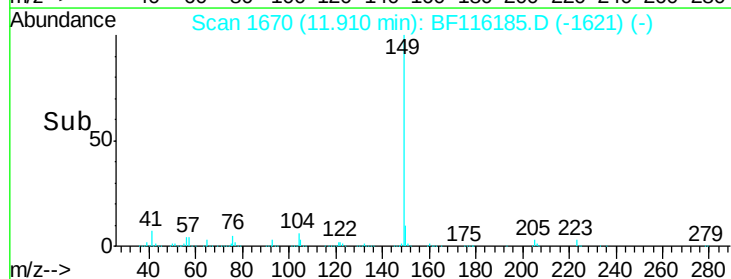
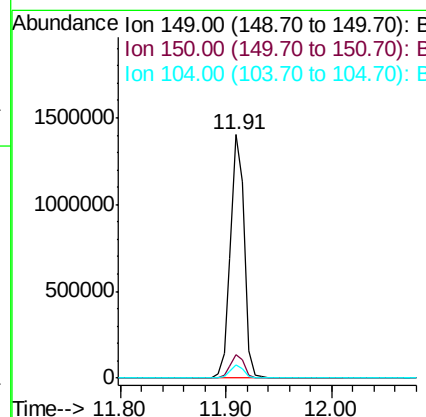
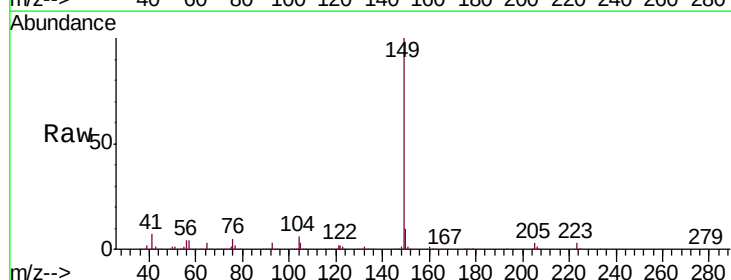
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

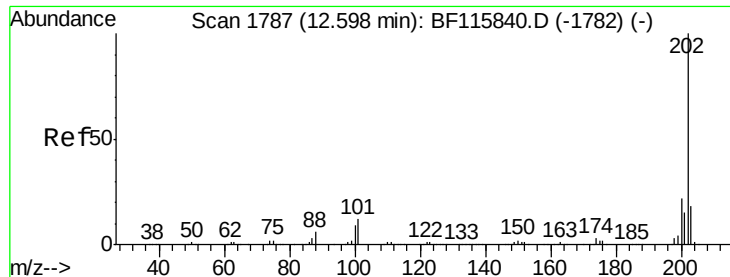
Tgt Ion:167 Resp: 1042231
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.078 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion:149 Resp: 1267877
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.5 4.5 6.7

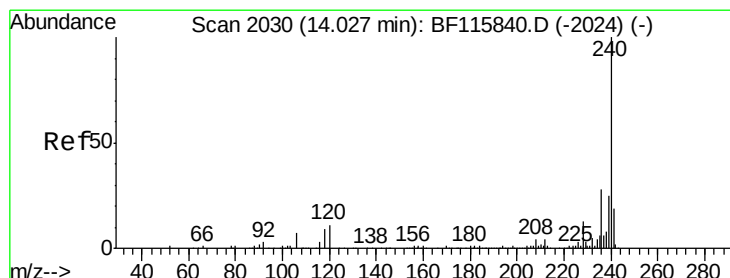
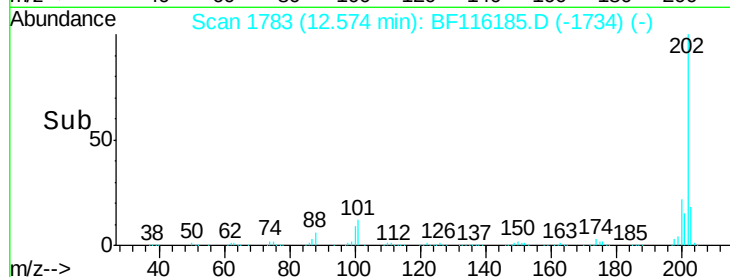
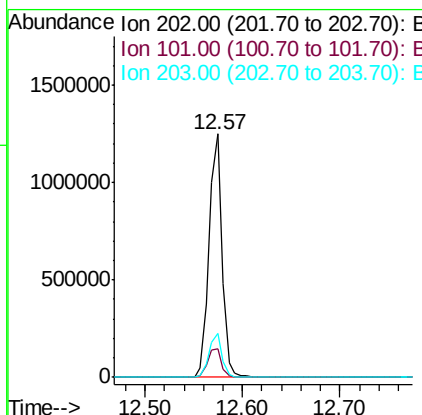
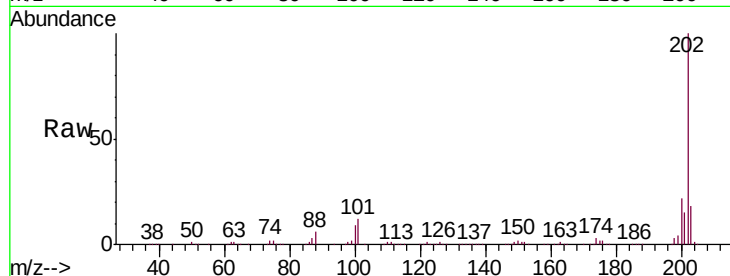




#75
 Fluoranthene
 Concen: 40.491 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

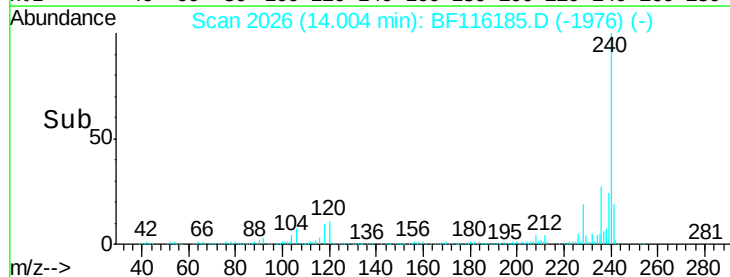
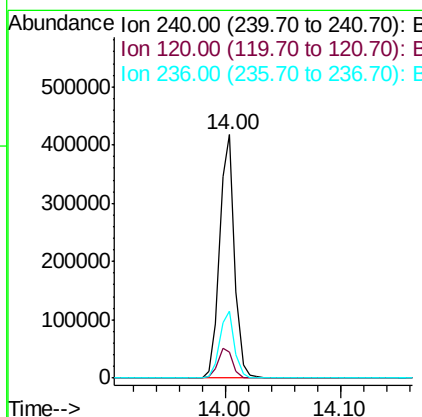
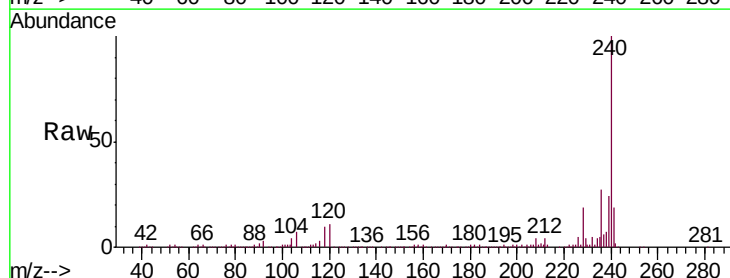
Instrument :
 BNA_F
 ClientSampleId :
 PB122104BS

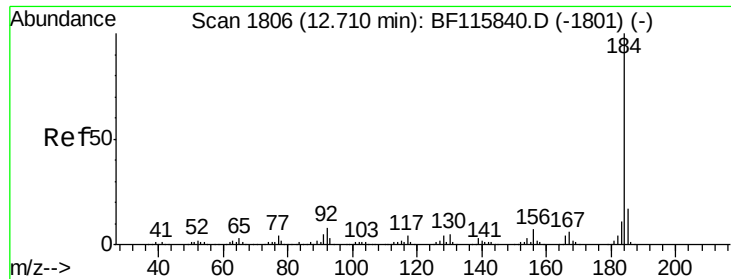
Tgt Ion: 202 Resp: 1164827
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.2
 203 18.0 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116185.D
 Acq: 12 Aug 2019 12:11

Tgt Ion: 240 Resp: 372096
 Ion Ratio Lower Upper
 240 100
 120 10.5 10.7 16.1#
 236 27.4 22.2 33.2

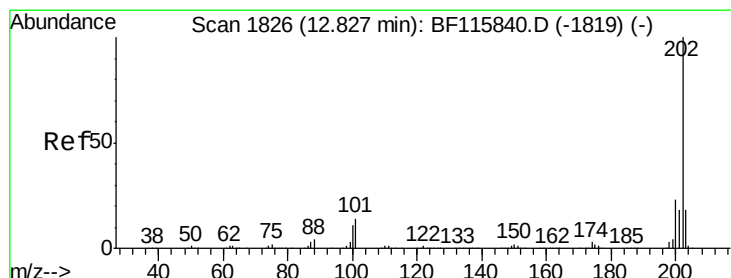
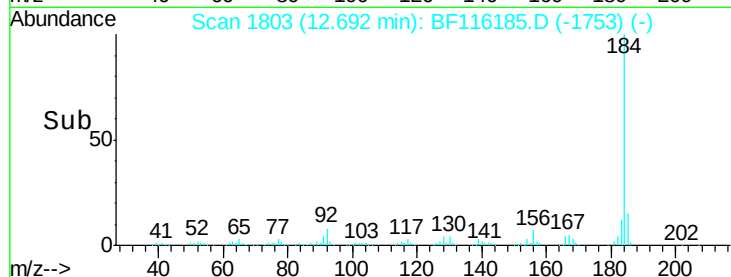
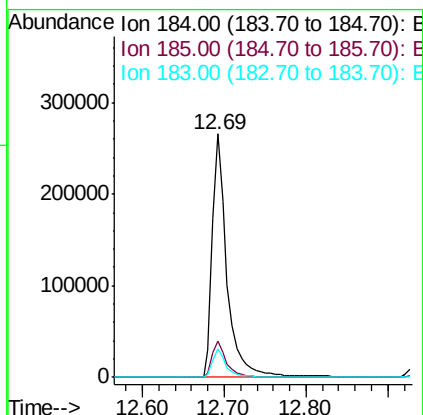
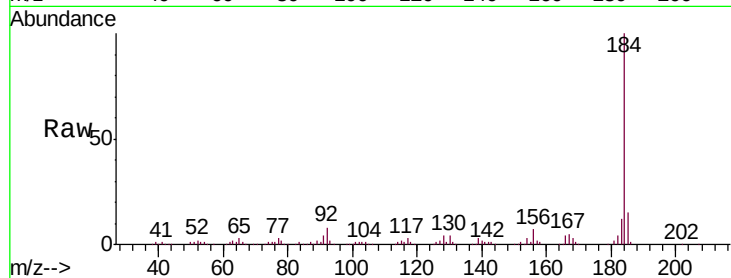




#77
Benzidine
Concen: 26.435 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

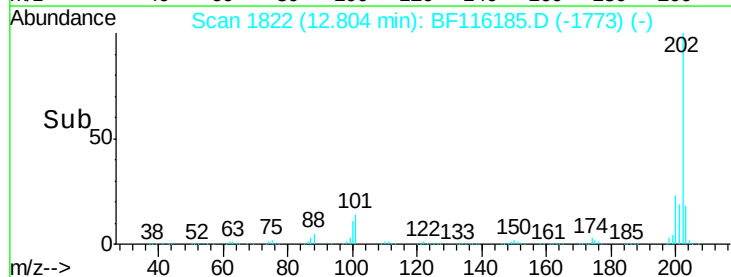
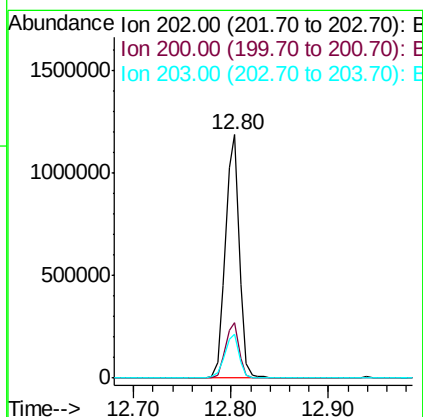
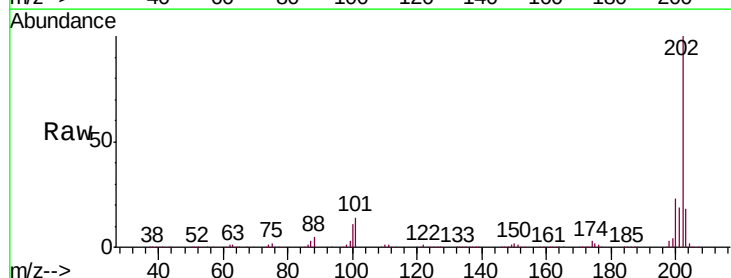
Instrument :
BNA_F
ClientSampleId :
PB122104BS

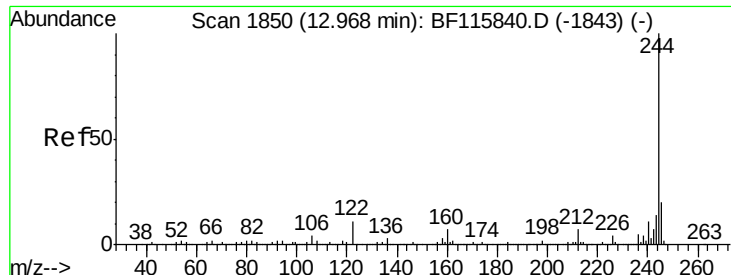
Tgt Ion:184 Resp: 332313
Ion Ratio Lower Upper
184 100
185 14.7 12.8 19.2
183 11.6 9.4 14.0



#78
Pyrene
Concen: 41.860 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:202 Resp: 1174150
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 82.895 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

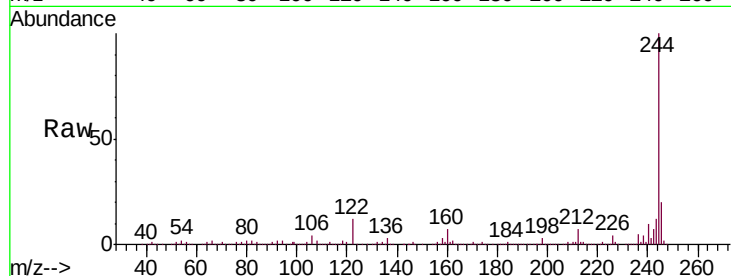
Tgt Ion:244 Resp: 1463814

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

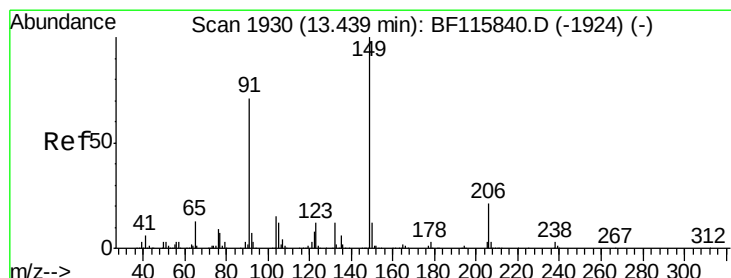
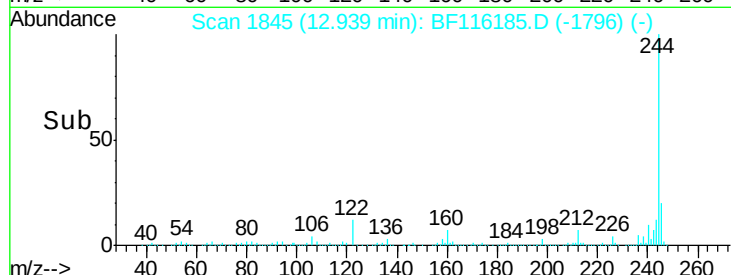
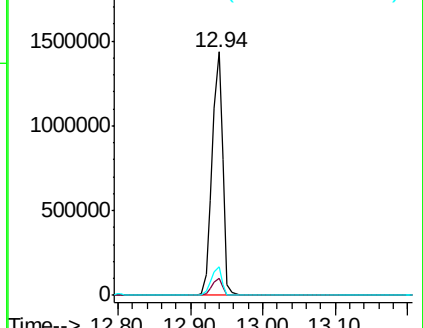
122 11.6 9.0 13.4



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: 43.872 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

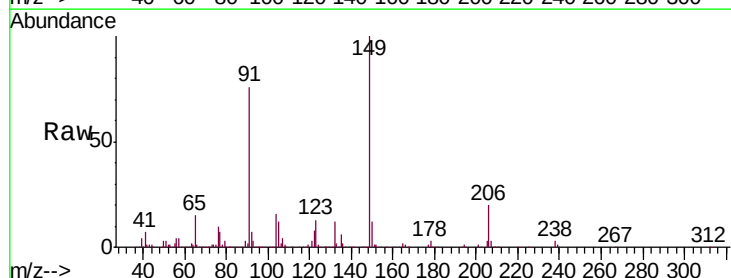
Tgt Ion:149 Resp: 520536

Ion Ratio Lower Upper

149 100

91 75.8 56.3 84.5

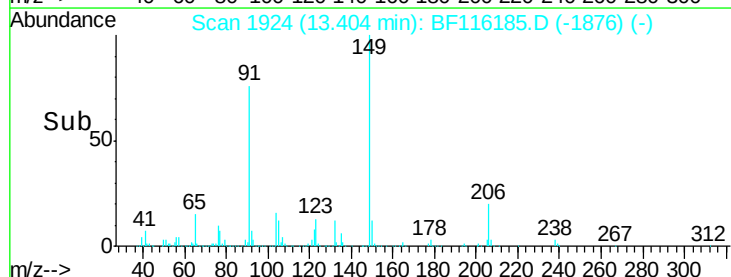
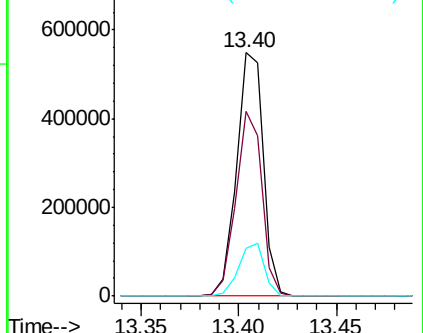
206 19.8 18.0 27.0

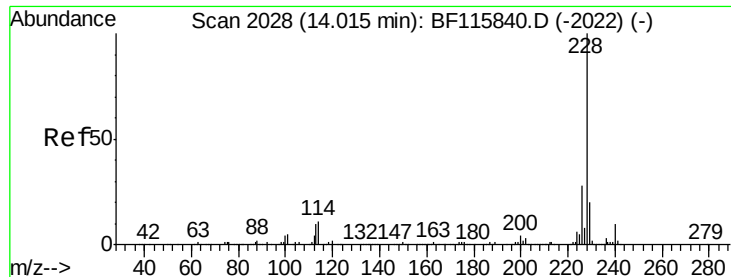


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.229 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

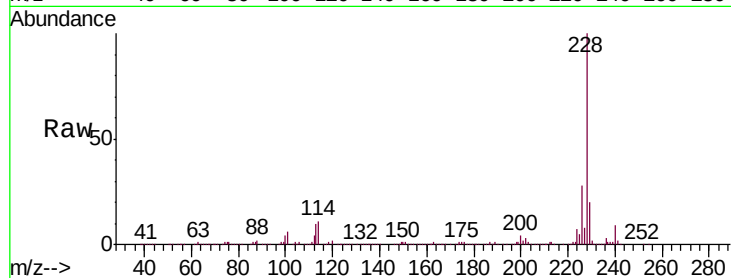
Tgt Ion:228 Resp: 956765

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

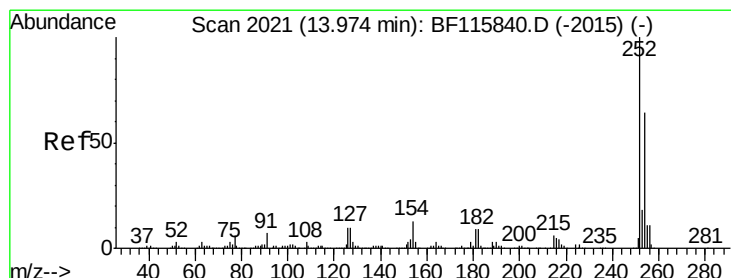
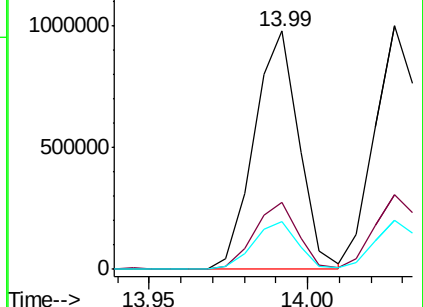
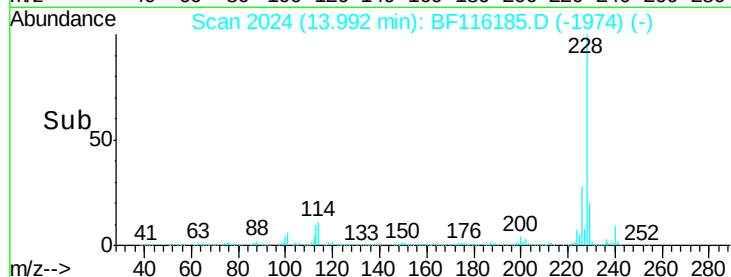
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.555 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

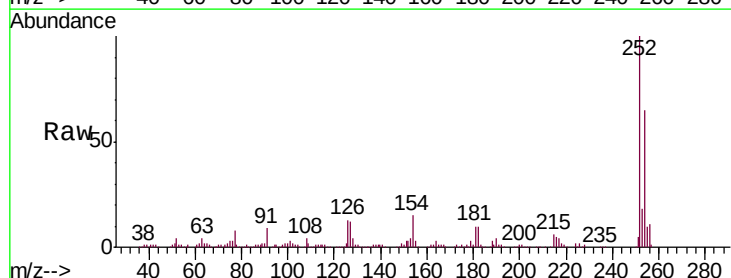
Tgt Ion:252 Resp: 285513

Ion Ratio Lower Upper

252 100

254 64.8 50.9 76.3

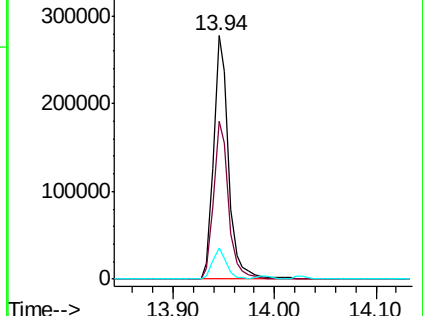
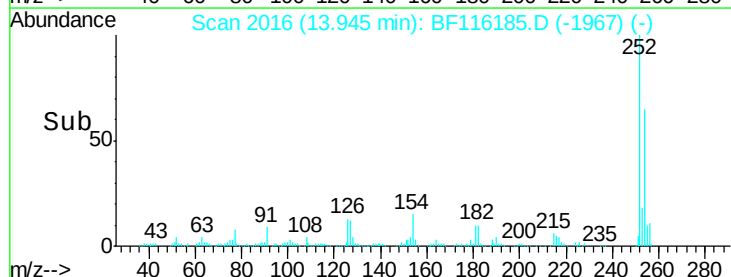
126 12.9 9.8 14.8

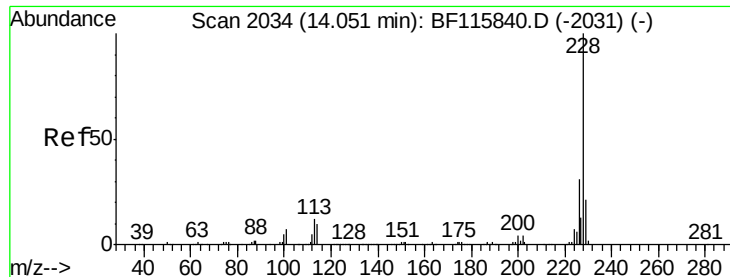


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.249 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

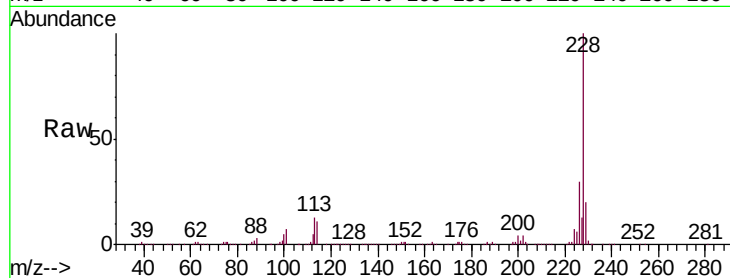
Tgt Ion:228 Resp: 952419

Ion Ratio Lower Upper

228 100

226 30.5 25.5 38.3

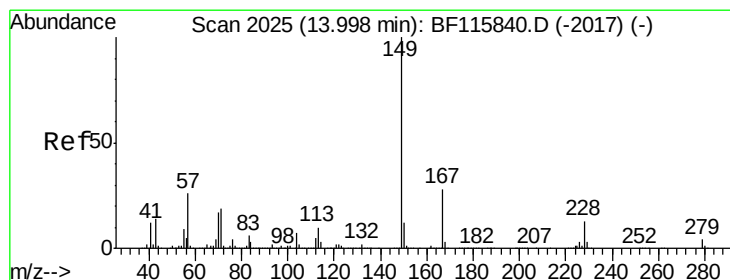
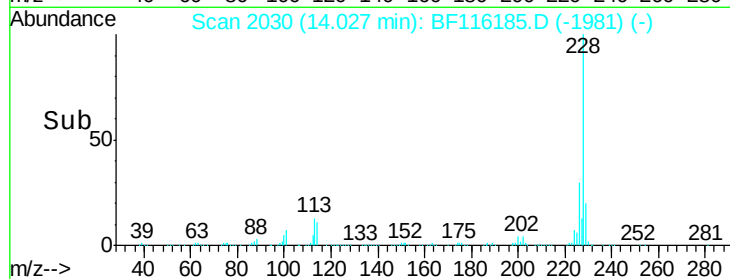
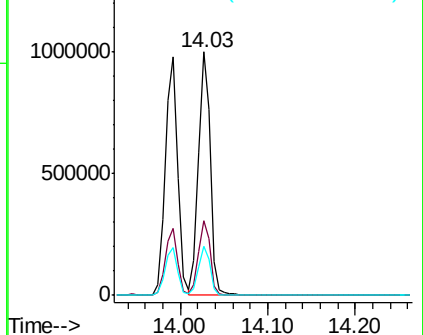
229 20.0 16.6 24.8



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: 46.678 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

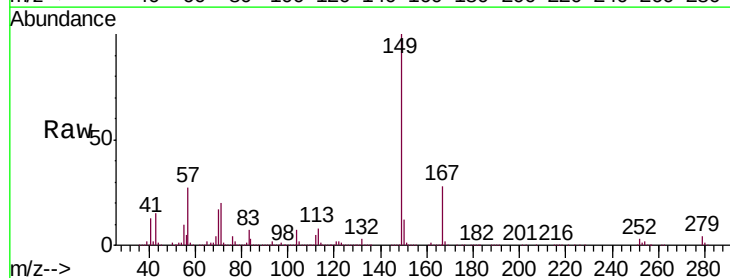
Tgt Ion:149 Resp: 719694

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

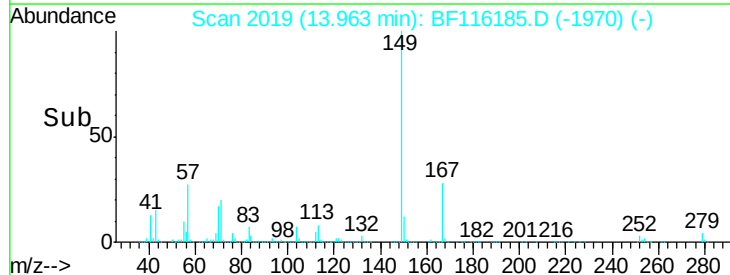
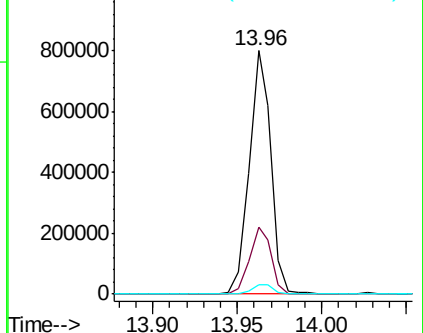
279 3.7 3.0 4.4

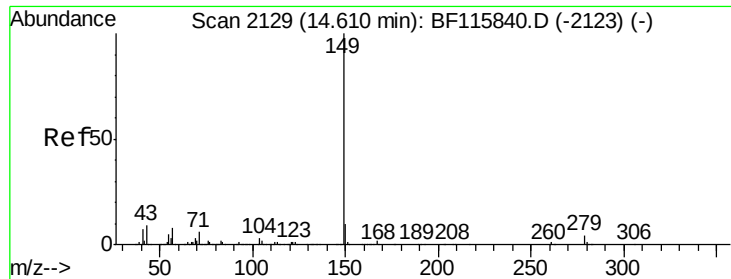


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

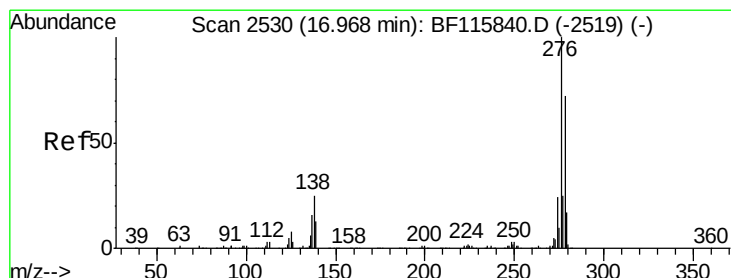
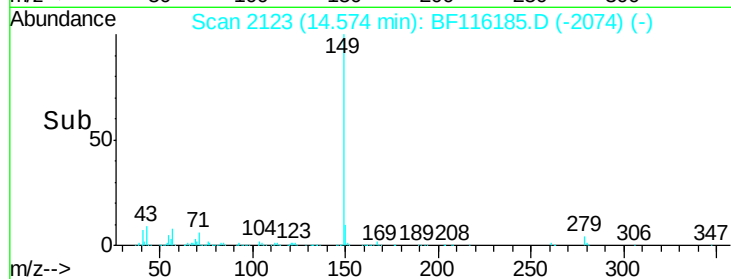
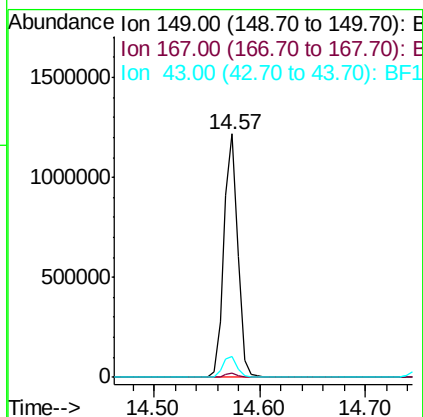
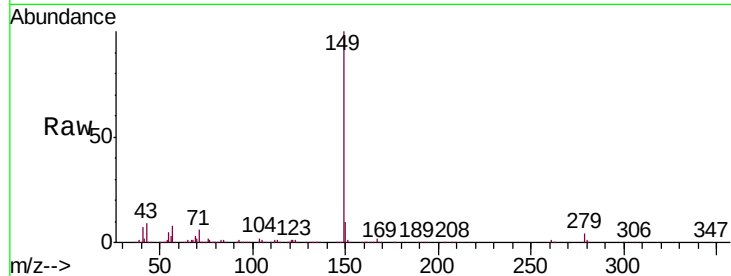




#85
Di-n-octyl phthalate
Concen: 45.704 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

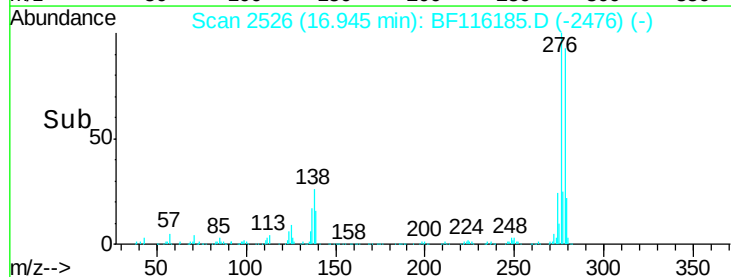
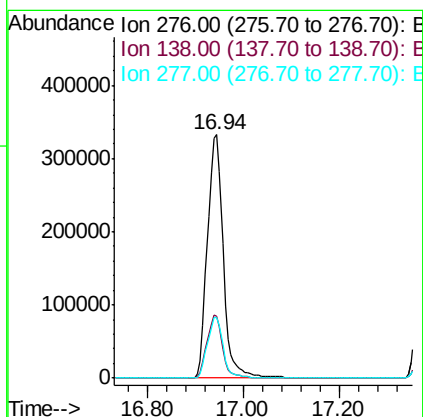
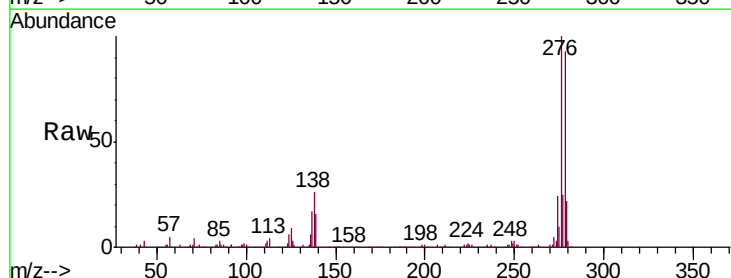
Instrument :
BNA_F
ClientSampleId :
PB122104BS

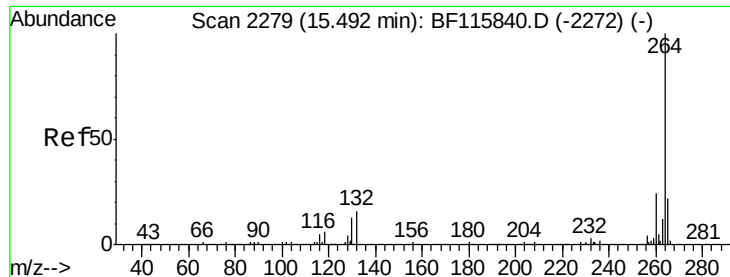
Tgt Ion:149 Resp: 1119286
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.703 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:276 Resp: 769963
Ion Ratio Lower Upper
276 100
138 25.6 20.4 30.6
277 24.8 20.0 30.0



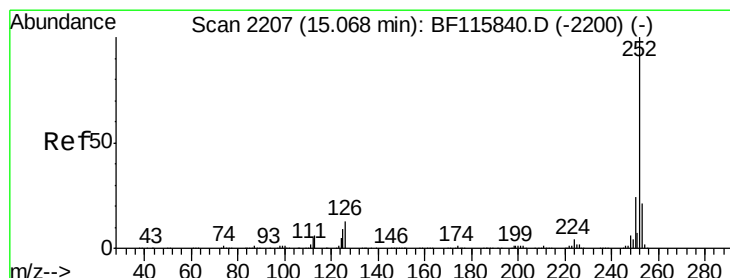
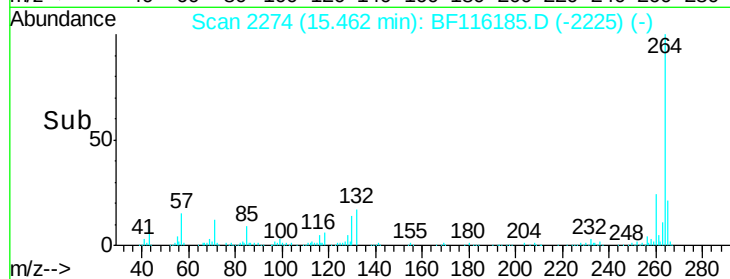
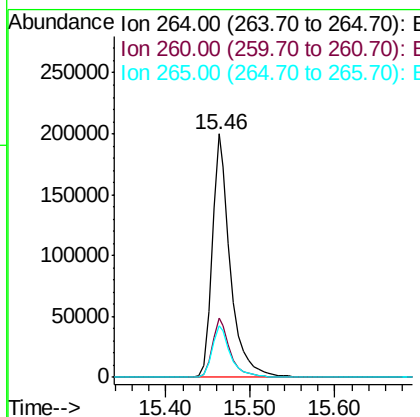
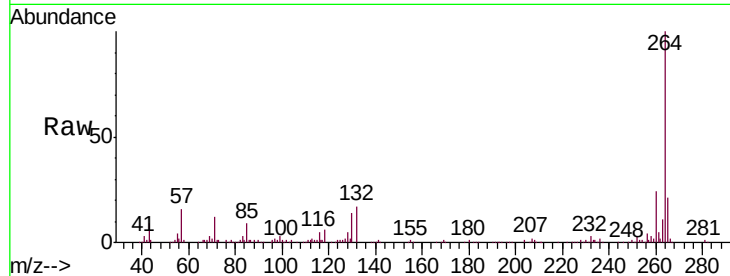


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Tgt Ion:264 Resp: 299970

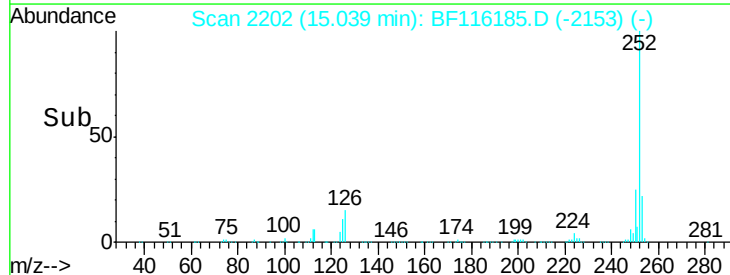
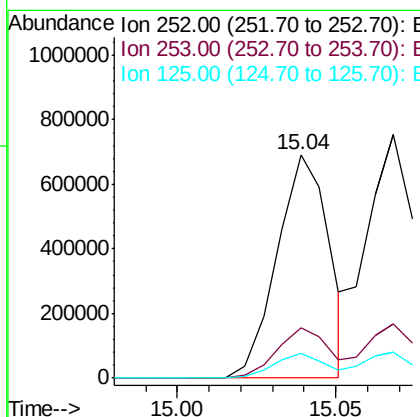
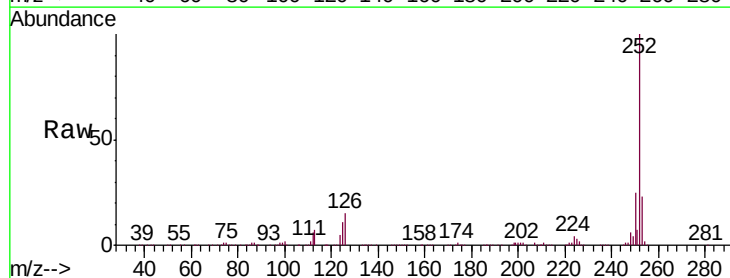
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.3	17.4	26.0

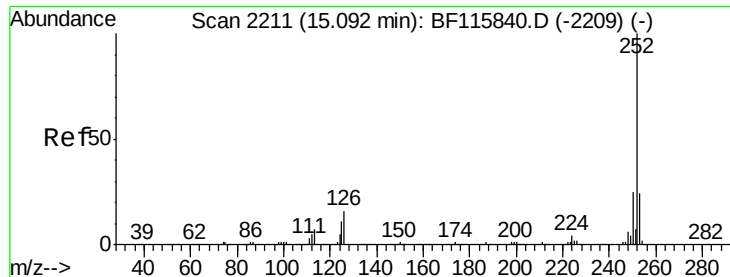


#88
Benzo(b)fluoranthene
Concen: 45.537 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:252 Resp: 789815

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.9	8.4	12.6

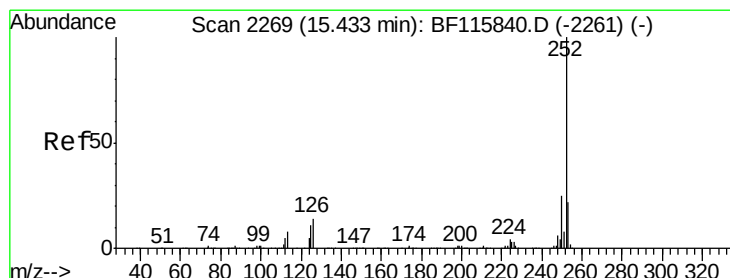
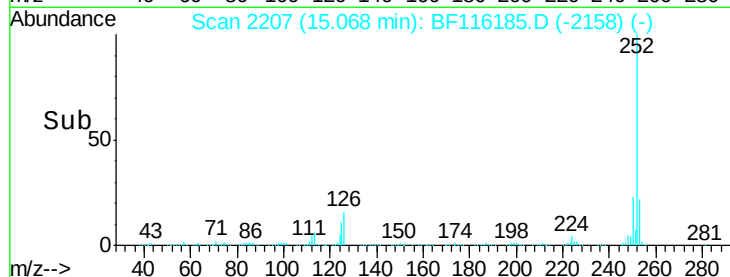
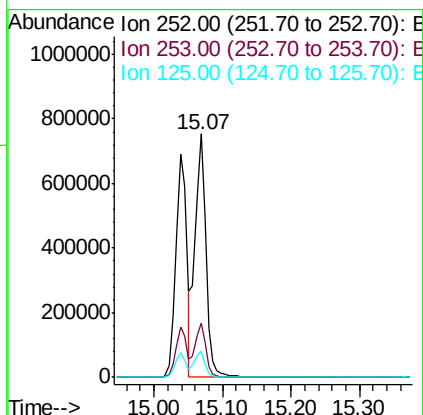
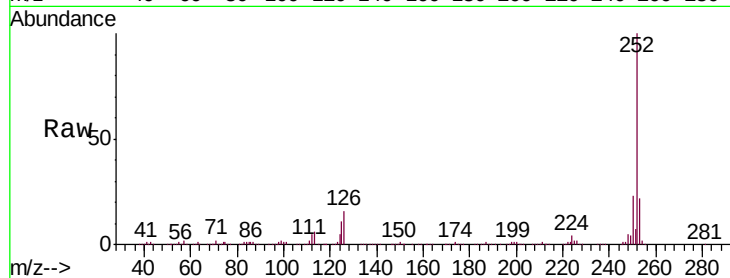




#89
Benzo(k)fluoranthene
Concen: 49.674 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

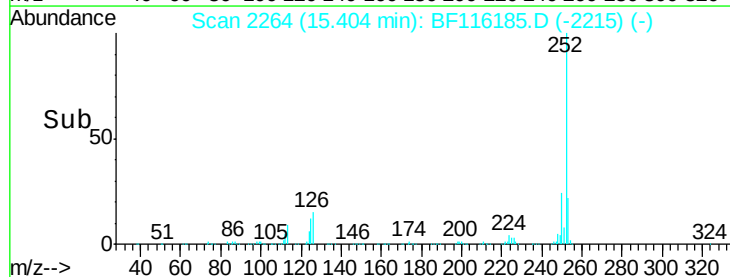
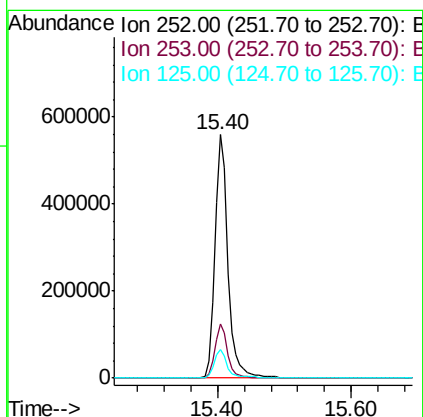
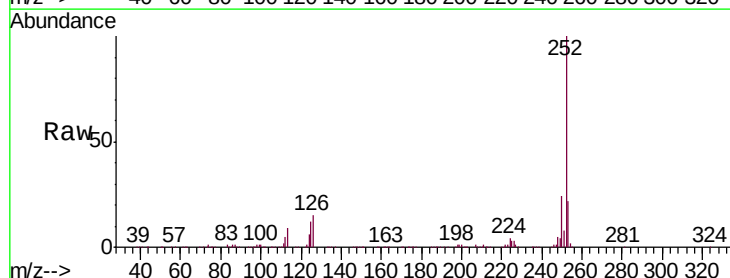
Instrument :
BNA_F
ClientSampleId :
PB122104BS

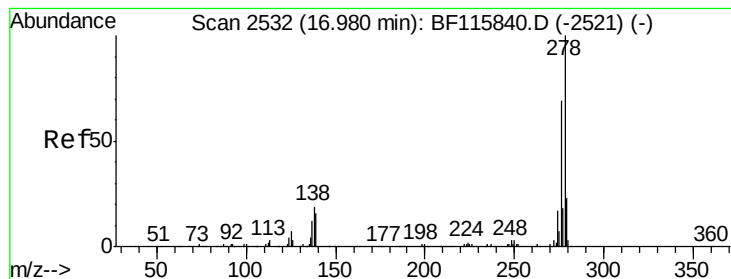
Tgt Ion:252 Resp: 839190
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.785 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116185.D
Acq: 12 Aug 2019 12:11

Tgt Ion:252 Resp: 771911
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 48.519 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

Instrument :

BNA_F

ClientSampleId :

PB122104BS

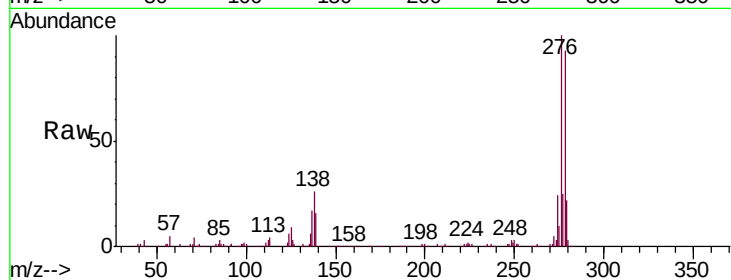
Tgt Ion:278 Resp: 651180

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

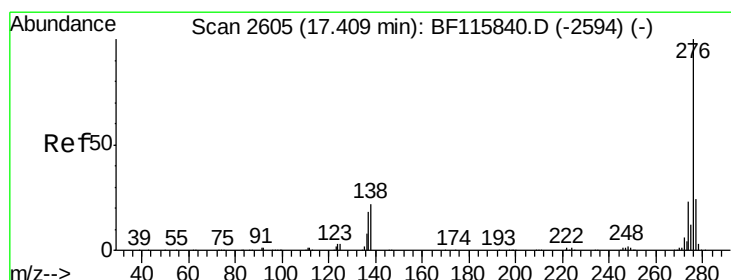
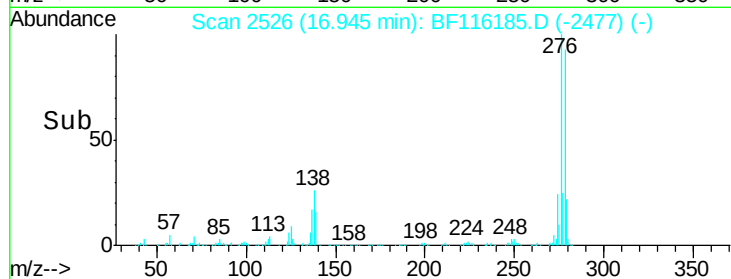
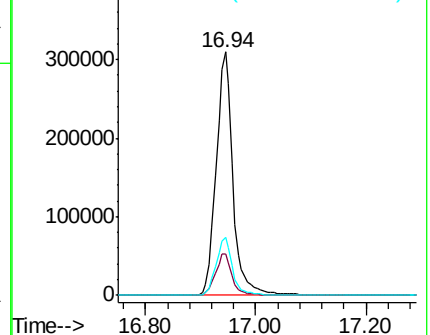
279 23.8 18.8 28.2



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: 48.541 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BF116185.D

Acq: 12 Aug 2019 12:11

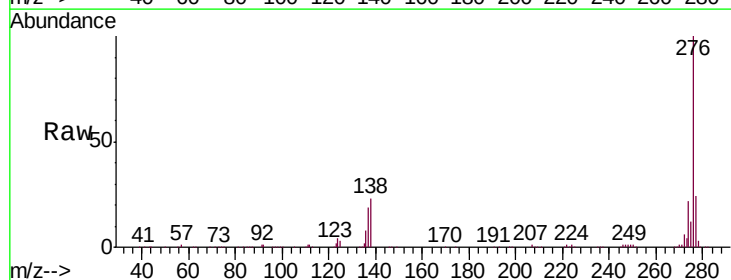
Tgt Ion:276 Resp: 639811

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 22.9 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

