

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116312.D
 Acq On : 16 Aug 2019 10:38
 Operator : HP/JU
 Sample : PB122277BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Quant Time: Aug 16 11:49:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127904	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	531253	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	278753	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	469723	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	308439	20.00	ng	-0.03
87) Perylene-d12	15.44	264	245269	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	907506	118.78	ng	-0.01
7) Phenol-d6	6.46	99	1090524	113.13	ng	-0.02
23) Nitrobenzene-d5	7.39	82	727332	79.03	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	300669	111.25	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1241644	83.43	ng	-0.04
79) Terphenyl-d14	12.92	244	1318713	90.09	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	155375	40.255	ng	99
3) Pyridine	3.40	79	356396	33.054	ng	99
4) n-Nitrosodimethylamine	3.36	42	166051	39.025	ng	99
6) Aniline	6.49	93	416239	30.151	ng	# 90
8) 2-Chlorophenol	6.61	128	385610	45.641	ng	98
9) Benzaldehyde	6.38	77	129372	19.451	ng	99
10) Phenol	6.47	94	478061	42.114	ng	85
11) bis(2-Chloroethyl)ether	6.56	93	366856	43.957	ng	99
12) 1,3-Dichlorobenzene	6.76	146	410888	42.081	ng	100
13) 1,4-Dichlorobenzene	6.83	146	423038	43.271	ng	99
14) 1,2-Dichlorobenzene	6.99	146	391235	43.461	ng	99
15) Benzyl Alcohol	6.97	79	302306	41.324	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	488908	42.948	ng	84
17) 2-Methylphenol	7.08	107	313311	43.796	ng	98
18) Hexachloroethane	7.32	117	155267	43.136	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	261989	43.859	ng	100
20) 3+4-Methylphenols	7.23	107	397390	46.941	ng	91
22) Acetophenone	7.23	105	520894	44.708	ng	95
24) Nitrobenzene	7.40	77	426888	42.957	ng	97
25) Isophorone	7.64	82	773150	43.933	ng	99
26) 2-Nitrophenol	7.72	139	208114	44.427	ng	95
27) 2,4-Dimethylphenol	7.76	122	339146	48.122	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	475347	43.579	ng	99
29) 2,4-Dichlorophenol	7.97	162	330053	44.354	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	361976	42.674	ng	99
31) Naphthalene	8.12	128	1110722	44.430	ng	99
32) Benzoic acid	7.92	122	172947	34.807	ng	96
33) 4-Chloroaniline	8.17	127	289418	25.910	ng	98
34) Hexachlorobutadiene	8.23	225	204885	41.934	ng	99
35) Caprolactam	8.55	113	51879	21.556	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	337635	43.614	ng	93
37) 2-Methylnaphthalene	8.81	142	728558	44.250	ng	99
38) 1-Methylnaphthalene	8.91	142	683204	43.863	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	336703	45.182	ng	100

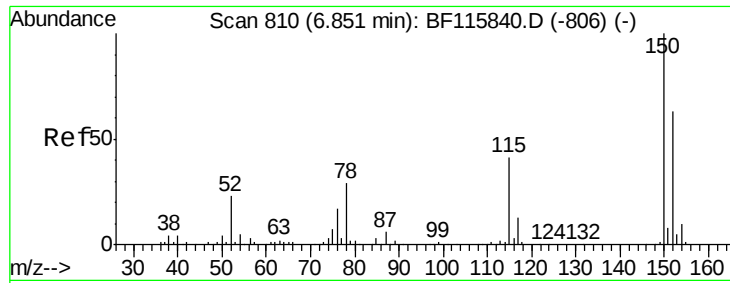
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	123567	40.123	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	207414	40.436	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	217763	41.069	ng	99
46) 1,1'-Biphenyl	9.27	154	889366	45.192	ng	98
47) 2-Chloronaphthalene	9.30	162	699443	42.702	ng	100
48) 2-Nitroaniline	9.40	65	214260	39.575	ng	99
49) Acenaphthylene	9.72	152	1020645	42.712	ng	99
50) Dimethylphthalate	9.57	163	806775	42.507	ng	100
51) 2,6-Dinitrotoluene	9.64	165	179113	43.425	ng #	83
52) Acenaphthene	9.89	154	632098	43.117	ng	100
53) 3-Nitroaniline	9.82	138	133593	26.212	ng	100
54) 2,4-Dinitrophenol	9.94	184	117527	58.364	ng	94
55) Dibenzofuran	10.06	168	890707	41.779	ng	99
56) 4-Nitrophenol	9.99	139	204815	62.733	ng	98
57) 2,4-Dinitrotoluene	10.06	165	213769	38.926	ng	92
58) Fluorene	10.40	166	720848	43.947	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	193205	43.311	ng	99
60) Diethylphthalate	10.27	149	772676	43.604	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	368514	44.361	ng	97
62) 4-Nitroaniline	10.43	138	171058	32.477	ng	97
63) Azobenzene	10.55	77	800839	43.939	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	106058	42.607	ng	89
66) n-Nitrosodiphenylamine	10.51	169	642193	45.423	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	221918	44.133	ng	95
68) Hexachlorobenzene	10.96	284	247650	42.592	ng	96
69) Atrazine	11.04	200	193528	41.608	ng	98
70) Pentachlorophenol	11.16	266	181490	64.291	ng	98
71) Phenanthrene	11.36	178	1051518	43.789	ng	100
72) Anthracene	11.42	178	1088759	44.800	ng	99
73) Carbazole	11.57	167	968602	43.931	ng	99
74) Di-n-butylphthalate	11.89	149	1198381	46.593	ng	99
75) Fluoranthene	12.55	202	1071593	42.626	ng	97
77) Benzidine	12.67	184	274589	26.351	ng	99
78) Pyrene	12.78	202	1093863	47.047	ng	99
80) Butylbenzylphthalate	13.39	149	483468	49.157	ng	99
81) Benzo(a)anthracene	13.97	228	854093	43.323	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	263753	38.509	ng	99
83) Chrysene	14.00	228	850907	44.458	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	677762	53.030	ng	100
85) Di-n-octyl phthalate	14.55	149	1030383	50.757	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	731512	45.506	ng	100
88) Benzo(b)fluoranthene	15.02	252	746099	52.610	ng	99
89) Benzo(k)fluoranthene	15.04	252	706611	51.155	ng	98
90) Benzo(a)pyrene	15.38	252	679109	53.568	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	623230	56.793	ng	99
92) Benzo(g,h,i)perylene	17.34	276	616900	57.241	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF116312.D

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BNA_F

ClientSampleId :

PB122277BS

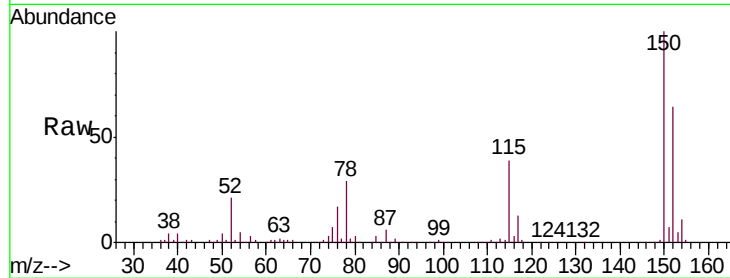
Tgt Ion: 152 Resp: 127904

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

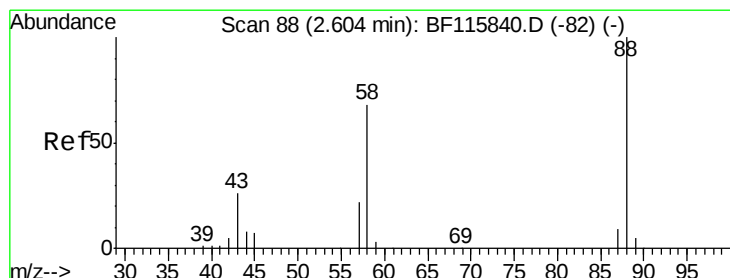
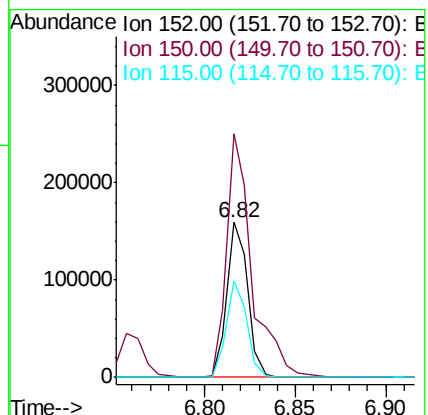
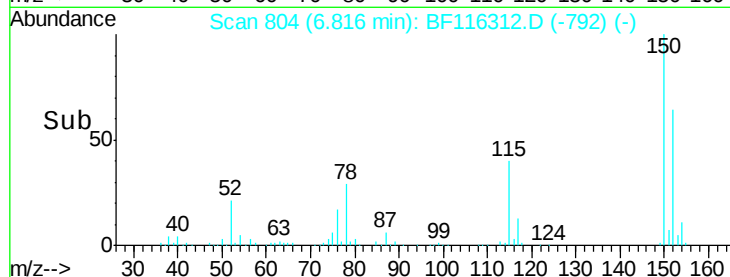
115 62.0 49.9 74.9



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: 40.255 ng

RT: 2.66 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

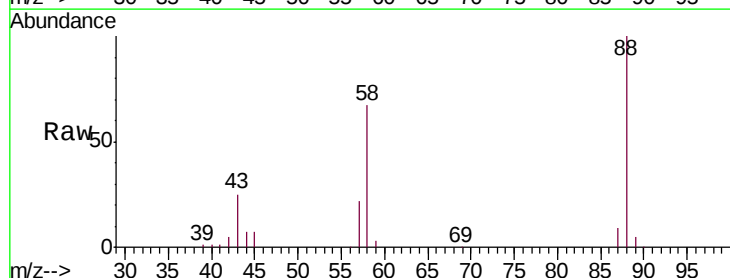
Tgt Ion: 88 Resp: 155375

Ion Ratio Lower Upper

88 100

58 67.3 53.7 80.5

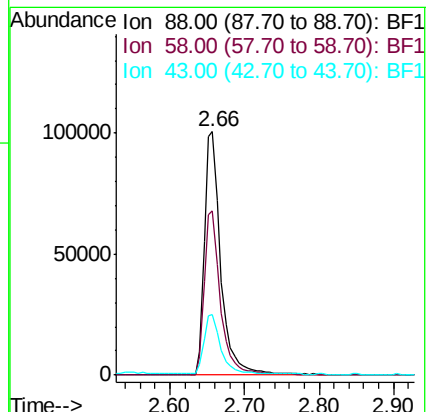
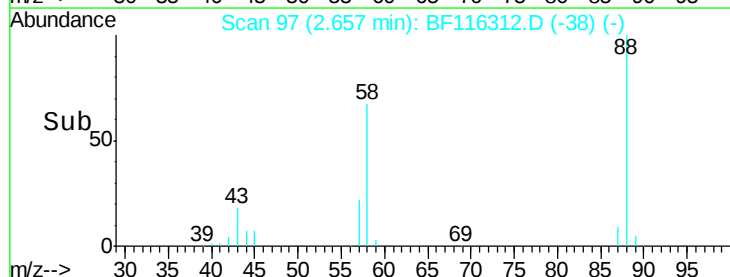
43 24.5 21.0 31.4

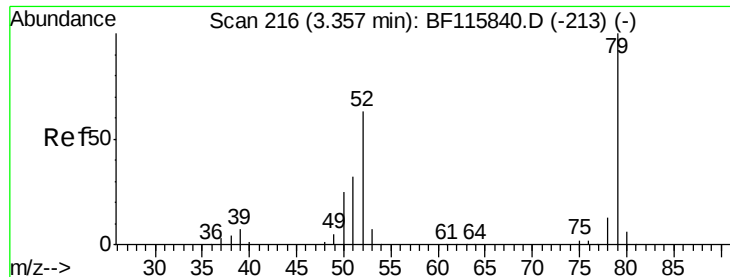


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

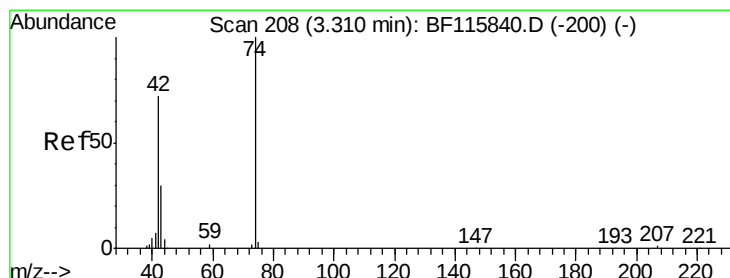
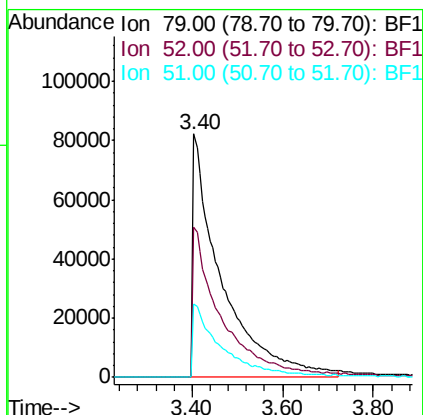
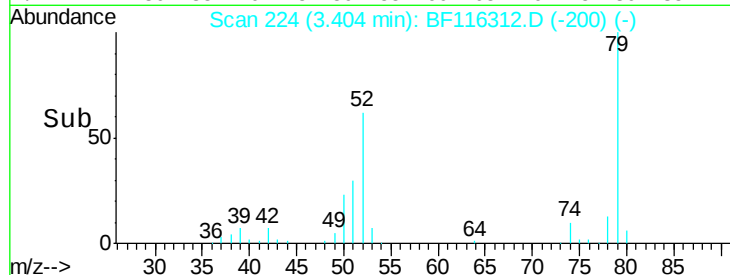
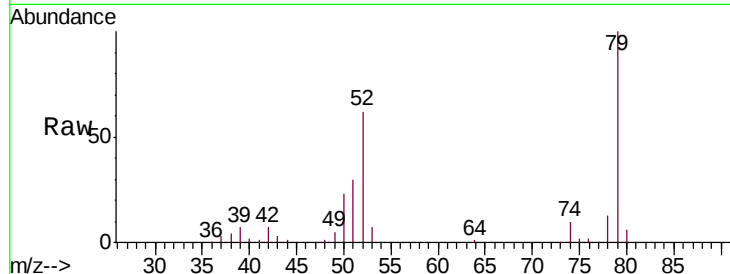




#3
 Pyridine
 Concen: 33.054 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

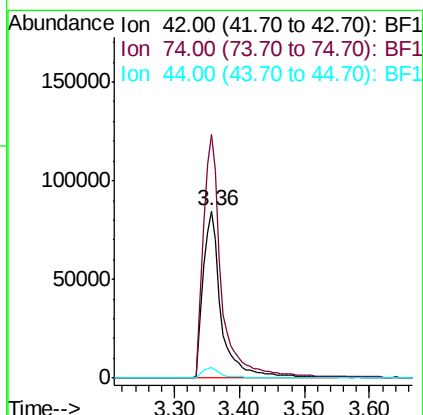
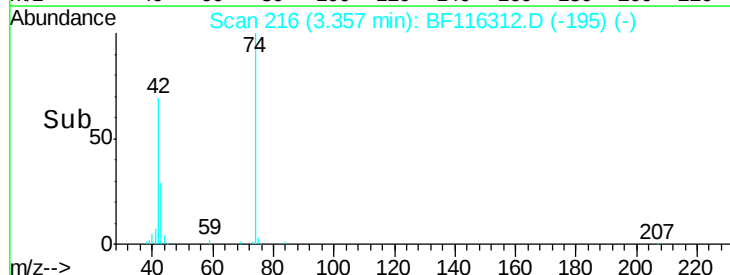
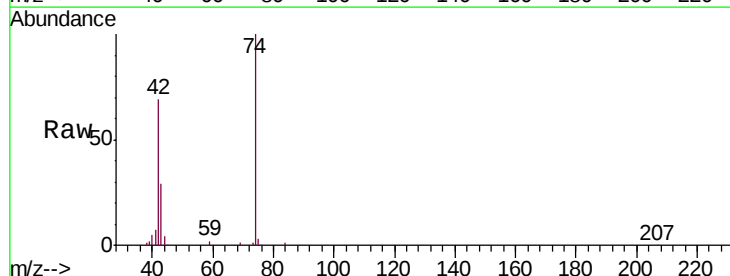
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

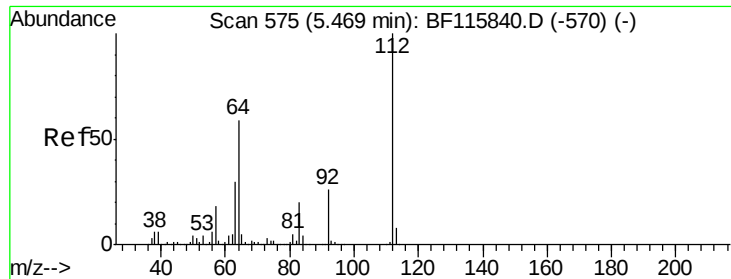
Tgt Ion: 79 Resp: 356396
 Ion Ratio Lower Upper
 79 100
 52 61.7 49.8 74.8
 51 30.3 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 39.025 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion: 42 Resp: 166051
 Ion Ratio Lower Upper
 42 100
 74 145.7 116.0 174.0
 44 6.5 4.6 7.0





#5

2-Fluorophenol

Concen: 118.778 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

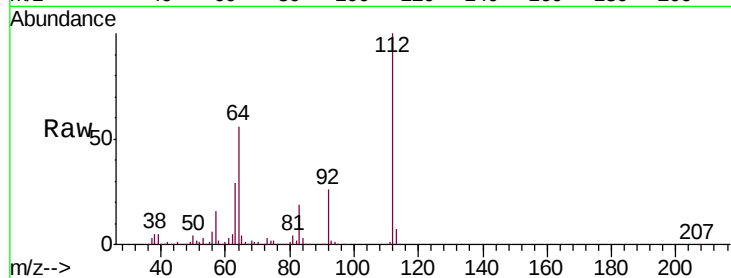
Tgt Ion:112 Resp: 907506

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

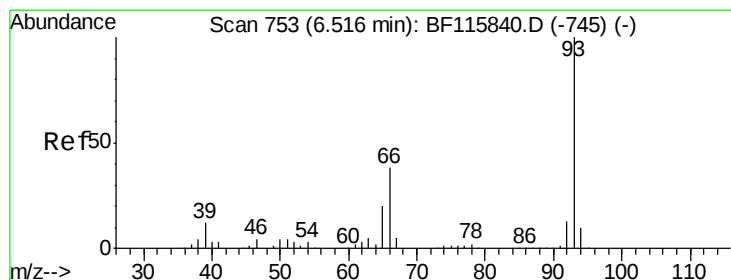
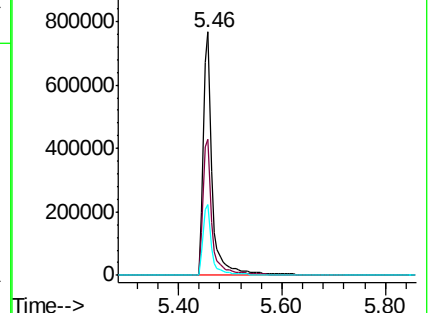
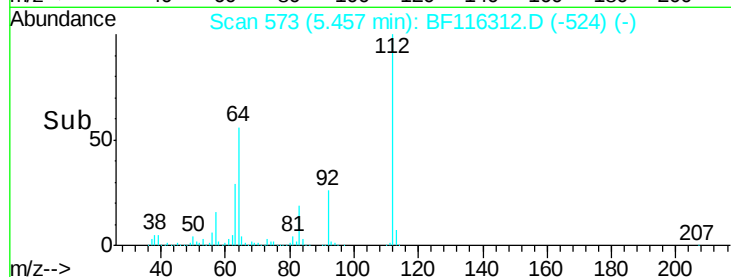
63 28.9 23.7 35.5



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: 30.151 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

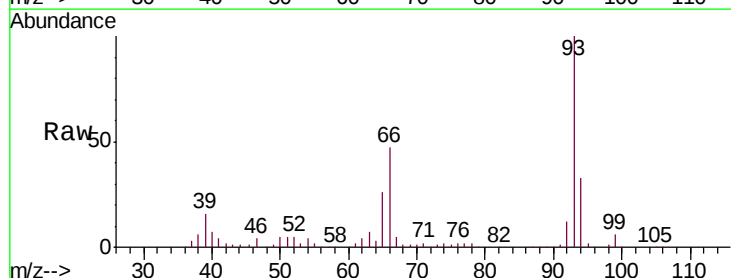
Tgt Ion: 93 Resp: 416239

Ion Ratio Lower Upper

93 100

66 46.6 32.2 48.4

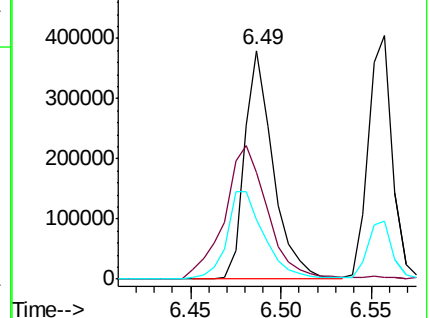
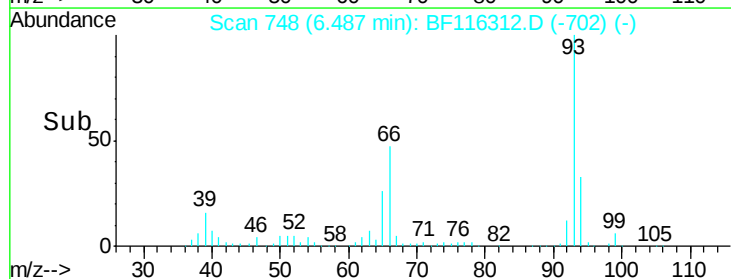
65 25.8 17.0 25.6#

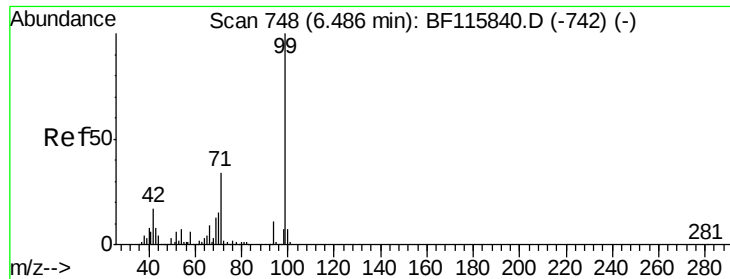


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.129 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

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ClientSampleId :

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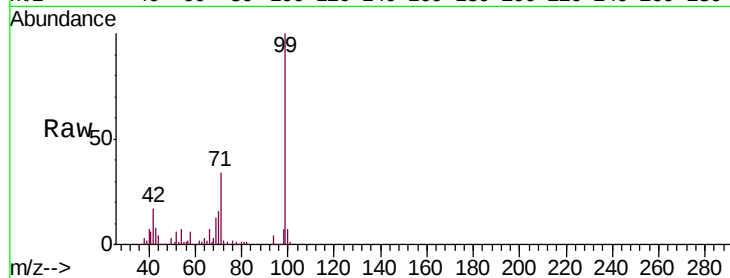
Tgt Ion: 99 Resp: 1090524

Ion Ratio Lower Upper

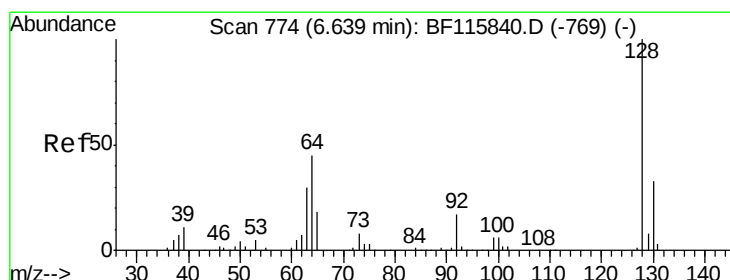
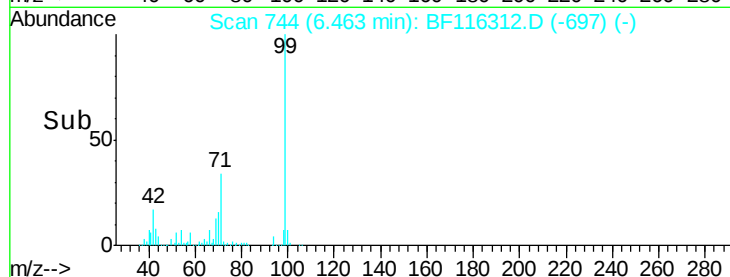
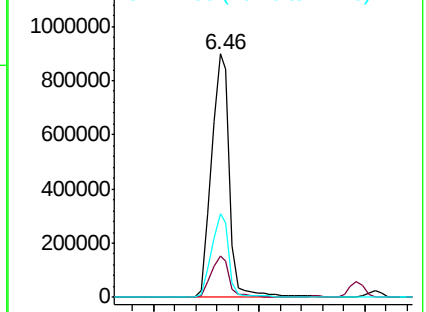
99 100

42 17.2 13.8 20.8

71 34.3 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.641 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

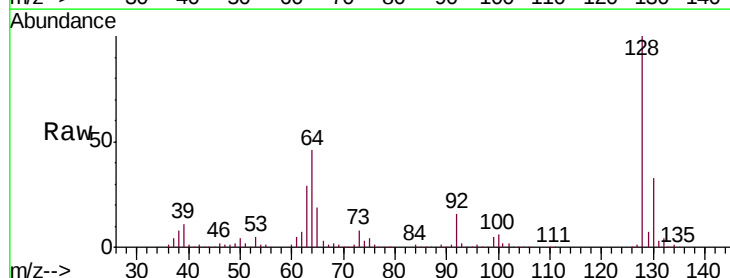
Tgt Ion: 128 Resp: 385610

Ion Ratio Lower Upper

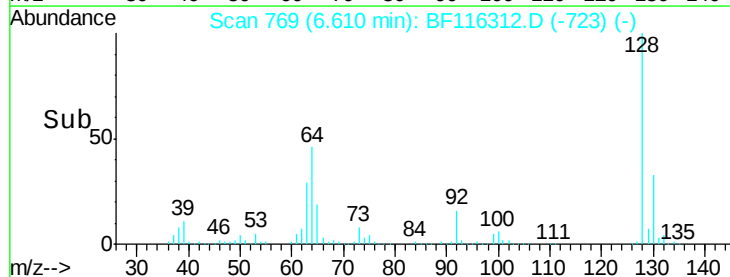
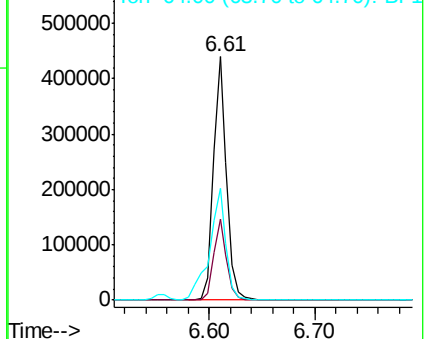
128 100

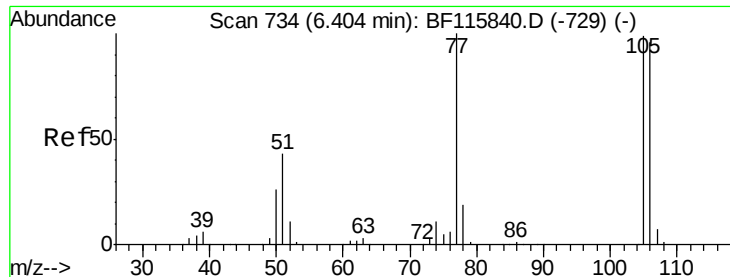
130 33.3 12.9 52.9

64 45.7 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: 19.451 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

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ClientSampleId :

PB122277BS

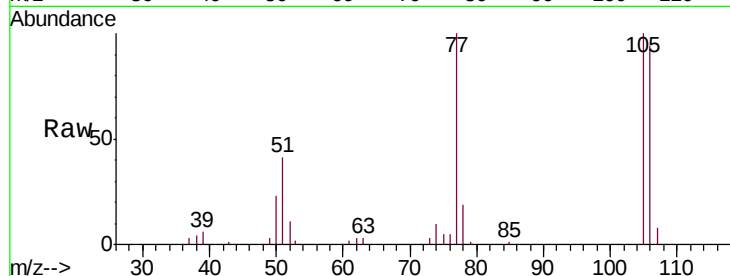
Tgt Ion: 77 Resp: 129372

Ion Ratio Lower Upper

77 100

105 100.4 79.2 119.2

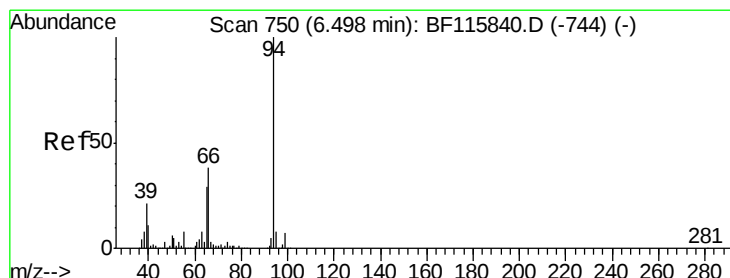
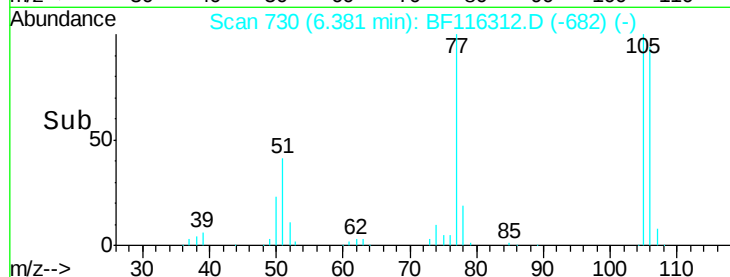
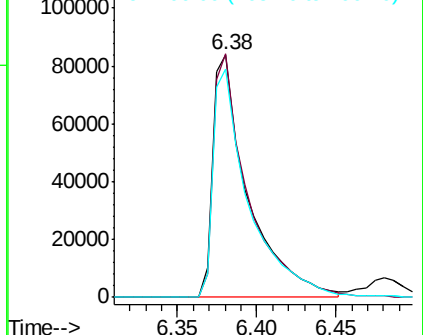
106 94.1 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.114 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

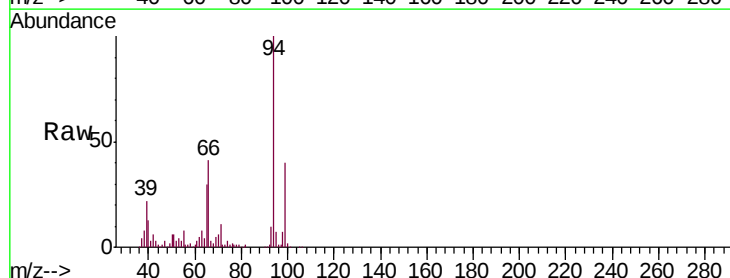
Tgt Ion: 94 Resp: 478061

Ion Ratio Lower Upper

94 100

65 30.5 16.8 56.8

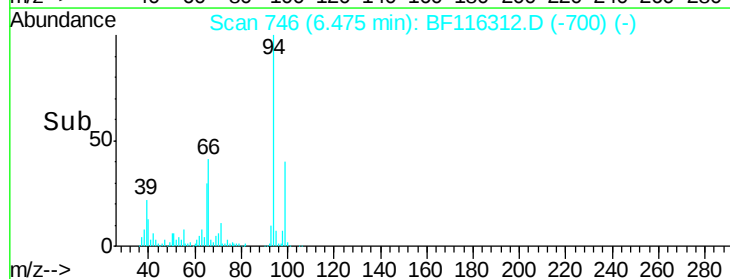
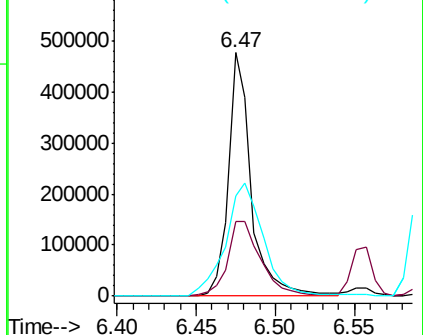
66 41.0 34.2 74.2

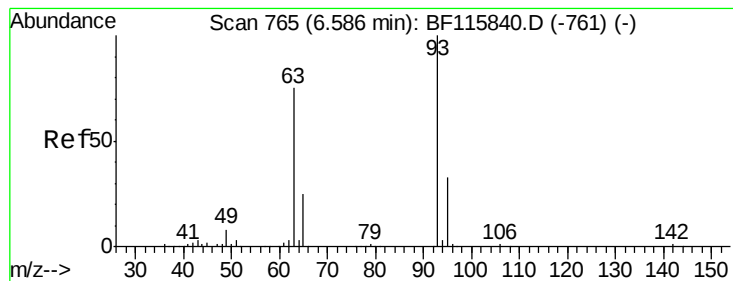


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.957 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

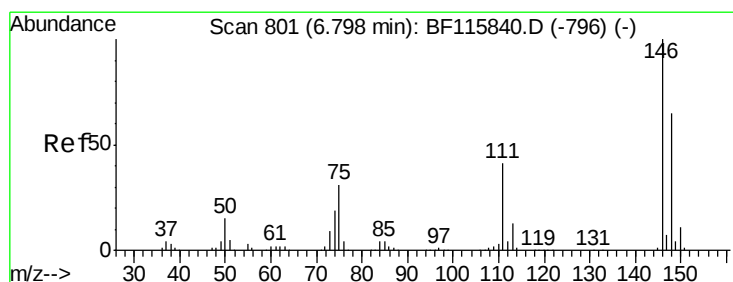
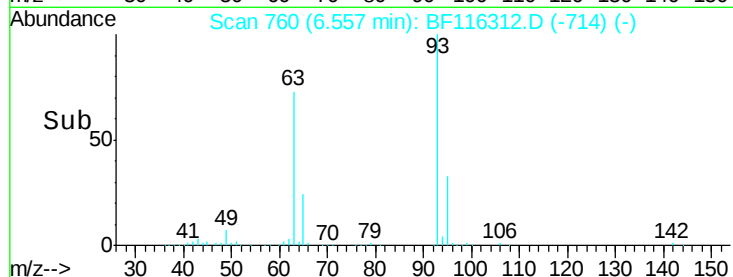
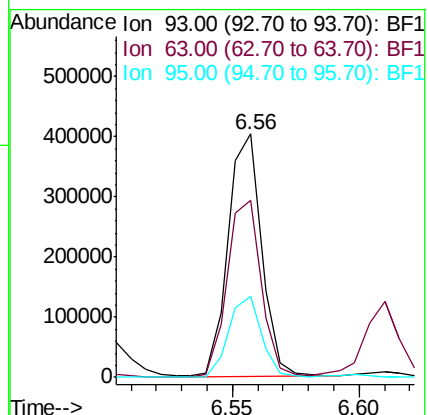
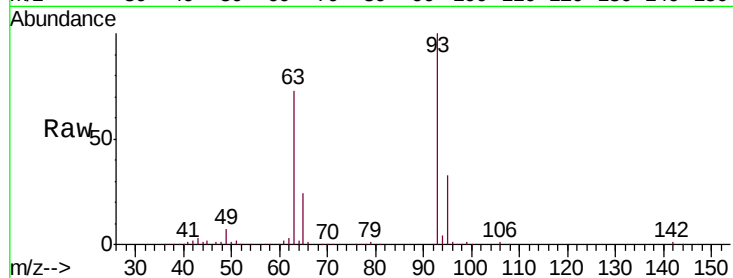
Tgt Ion: 93 Resp: 366856

Ion Ratio Lower Upper

93 100

63 72.5 51.9 91.9

95 33.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 42.081 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

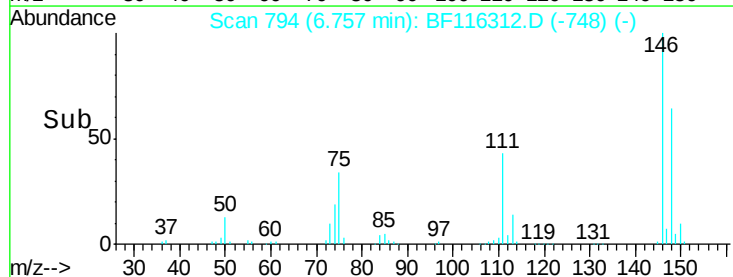
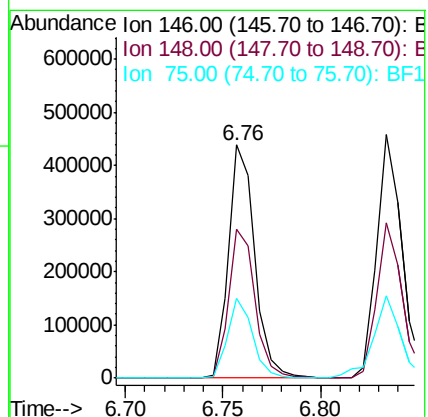
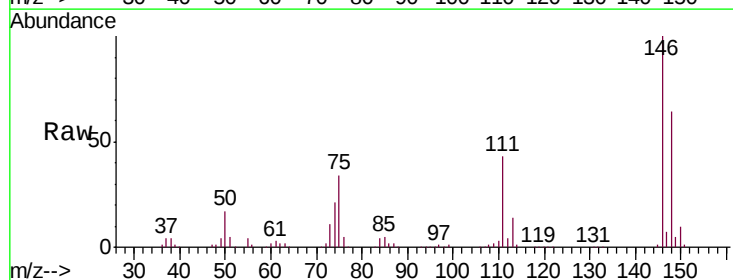
Tgt Ion: 146 Resp: 410888

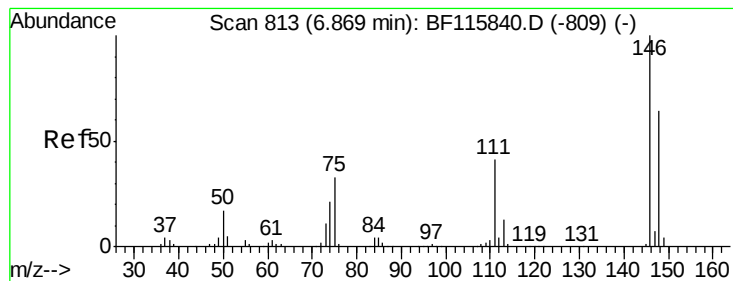
Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.271 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

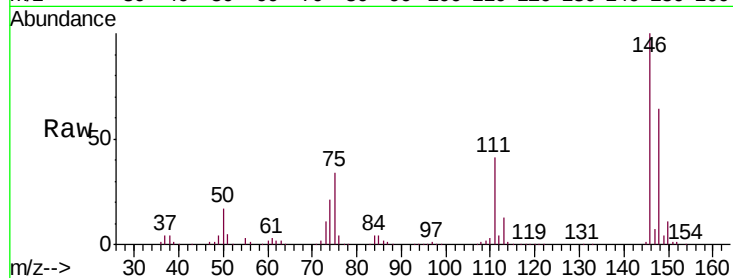
Tgt Ion:146 Resp: 423038

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

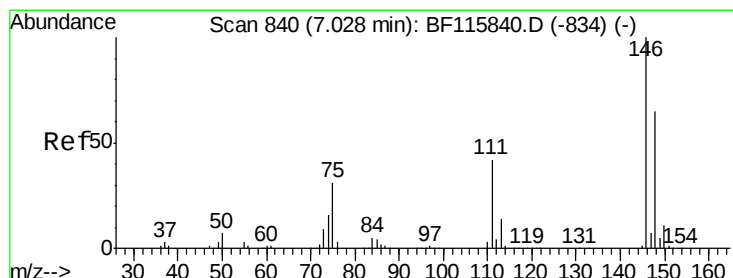
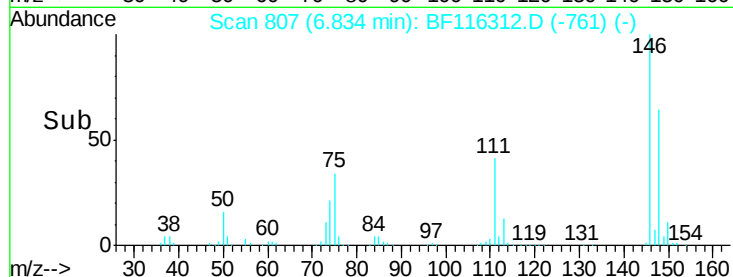
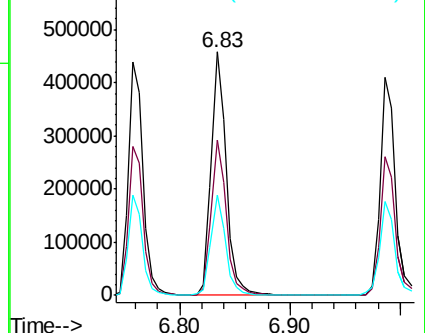
111 41.0 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.461 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

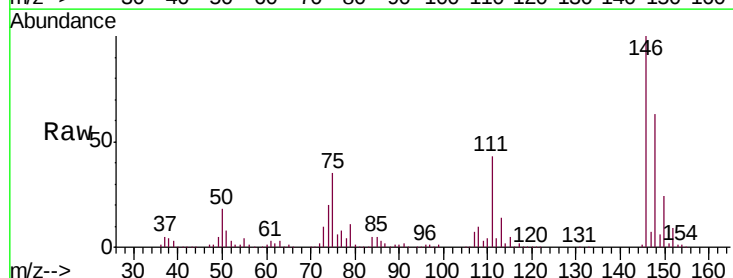
Tgt Ion:146 Resp: 391235

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

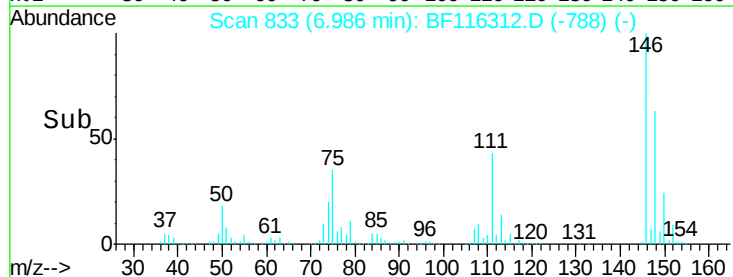
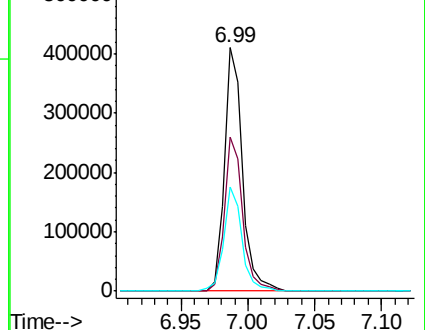
111 43.0 33.5 50.3

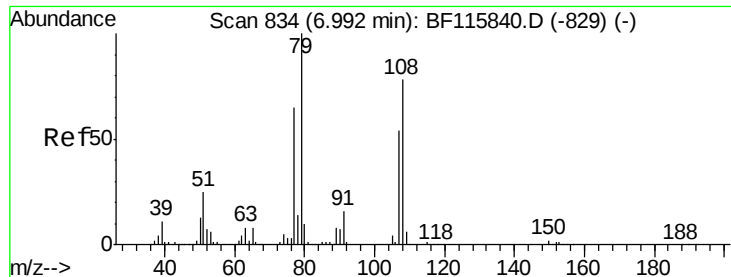


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.324 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

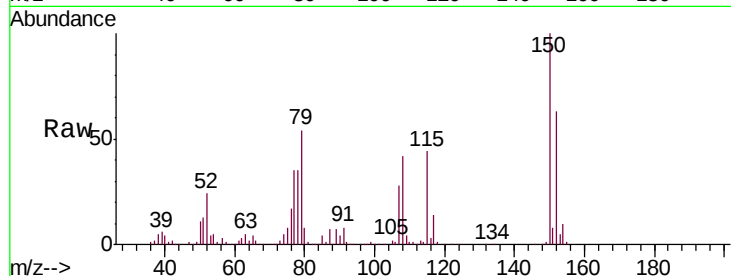
Tgt Ion: 79 Resp: 302306

Ion Ratio Lower Upper

79 100

108 78.2 62.7 94.1

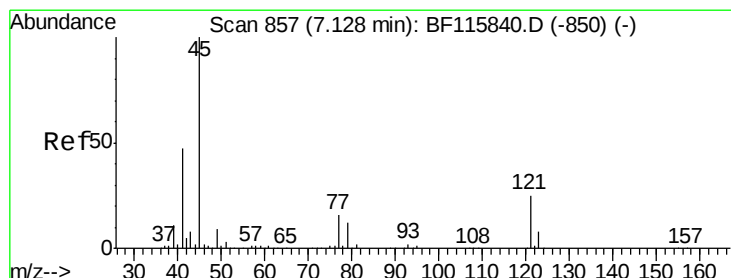
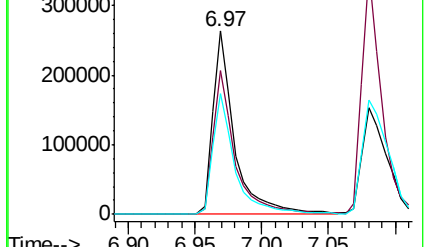
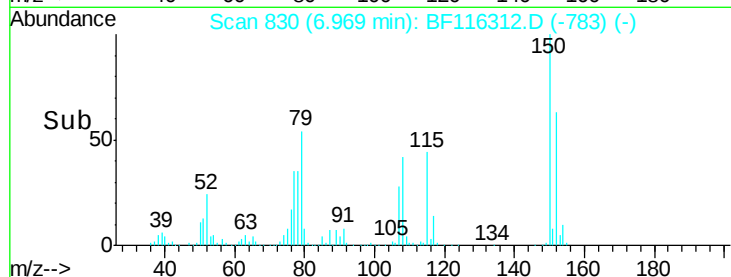
77 65.9 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.948 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

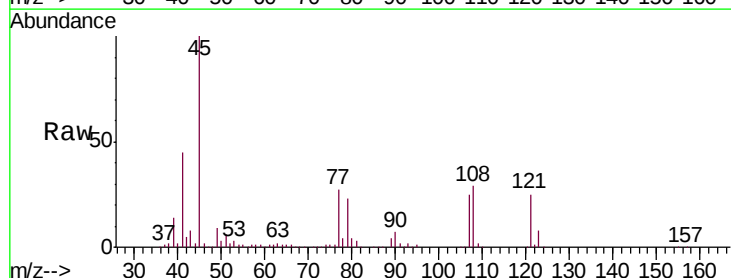
Tgt Ion: 45 Resp: 488908

Ion Ratio Lower Upper

45 100

77 27.0 0.0 40.0

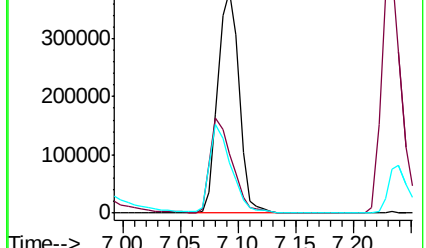
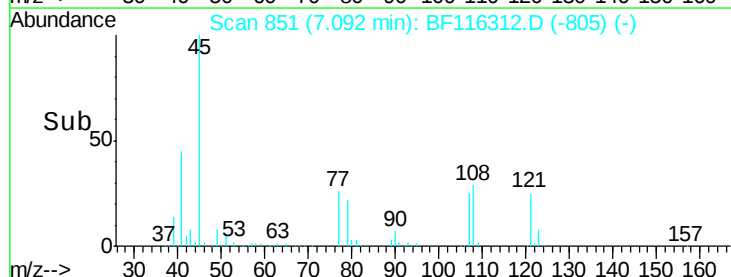
79 22.7 0.0 35.9

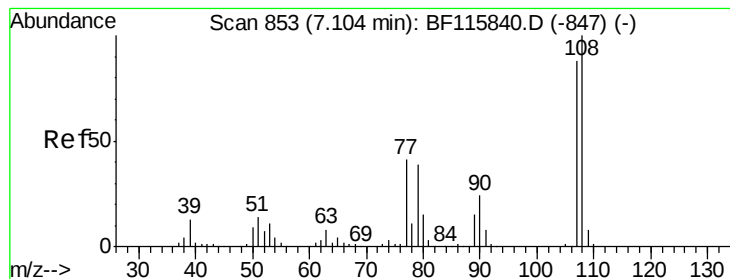


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.796 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

Tgt Ion:107 Resp: 313311

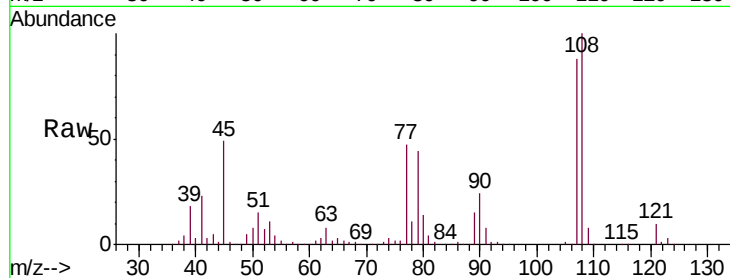
Ion Ratio Lower Upper

107 100

108 114.2 91.2 136.8

77 53.4 40.3 60.5

79 50.0 37.6 56.4

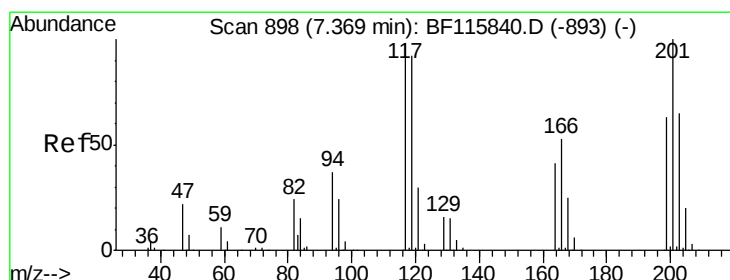
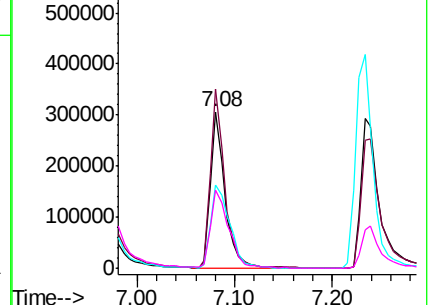
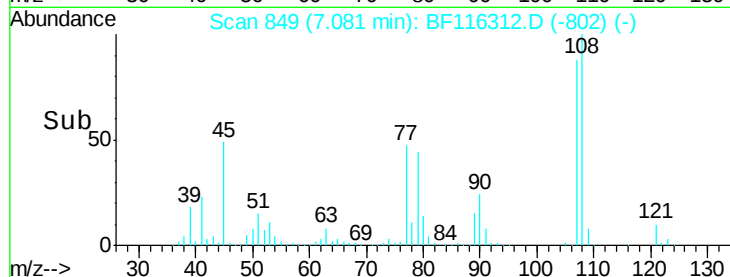


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.136 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

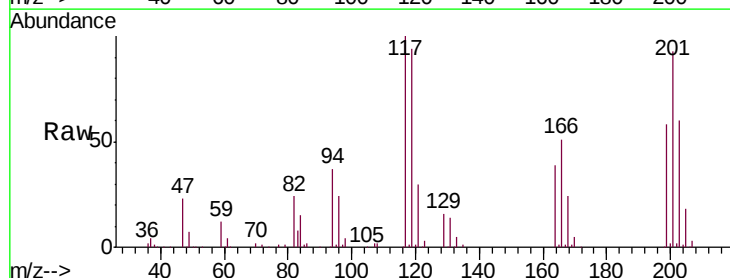
Tgt Ion:117 Resp: 155267

Ion Ratio Lower Upper

117 100

119 94.1 76.1 114.1

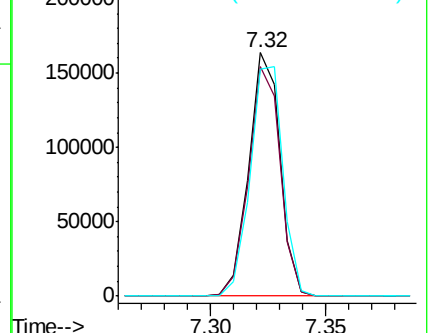
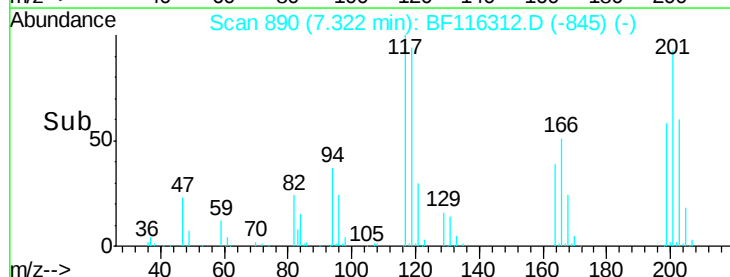
201 93.4 77.0 115.4

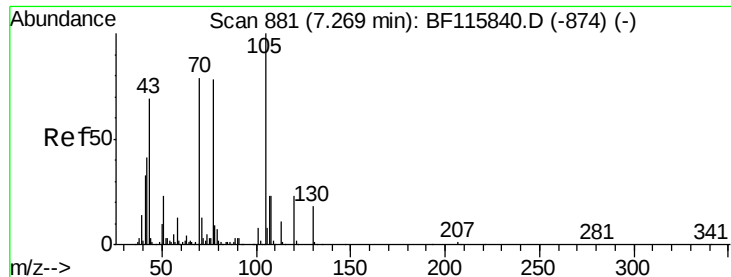


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

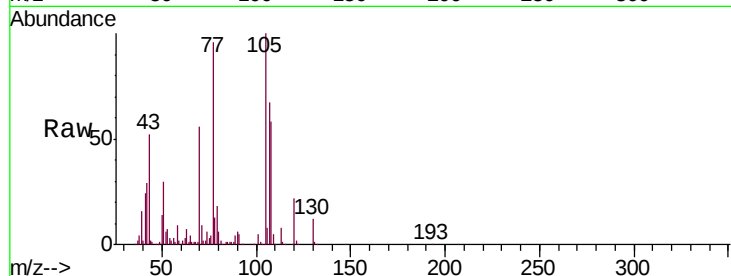




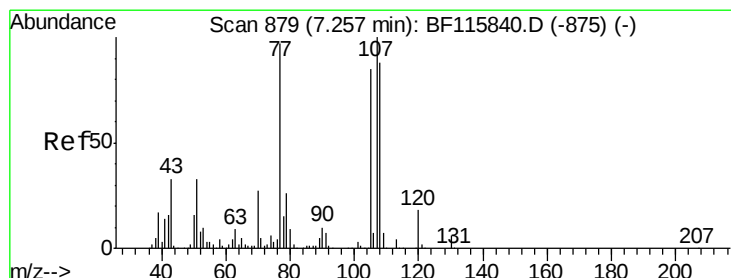
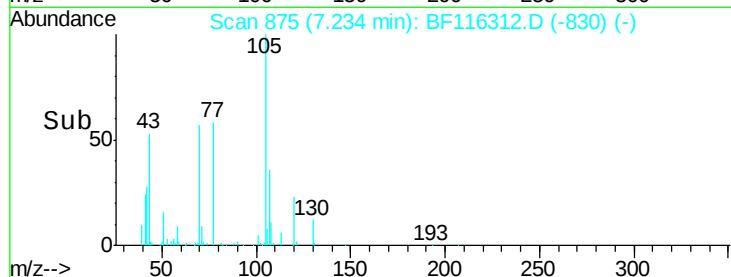
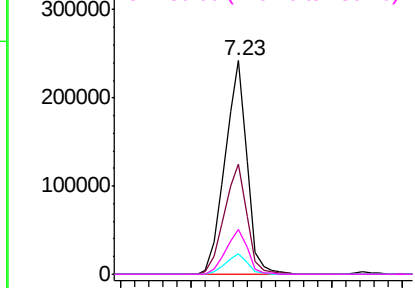
#19
n-Nitroso-di-n-propylamine
Concen: 43.859 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tgt Ion:	70	Resp:	261989
Ion	Ratio	Lower	Upper
70	100		
42	51.5	40.9	61.3
101	9.5	7.9	11.9
130	21.1	16.9	25.3

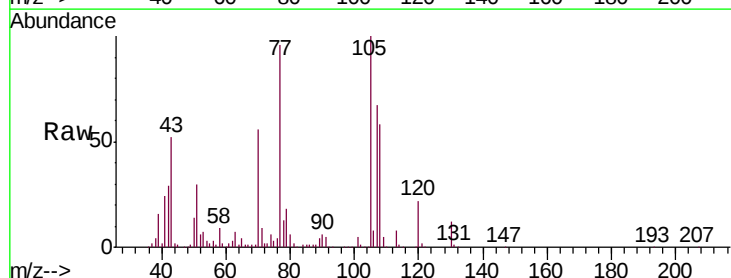


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

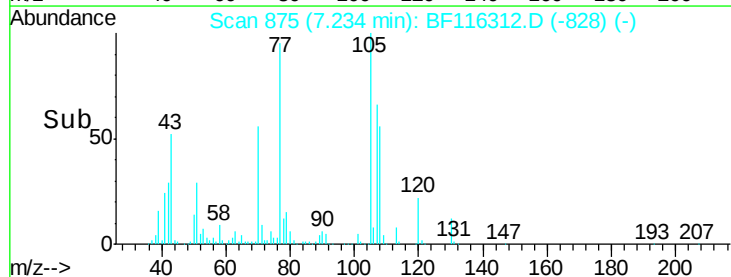
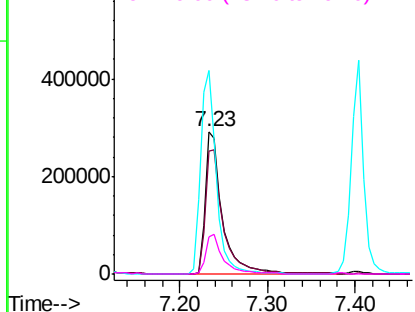


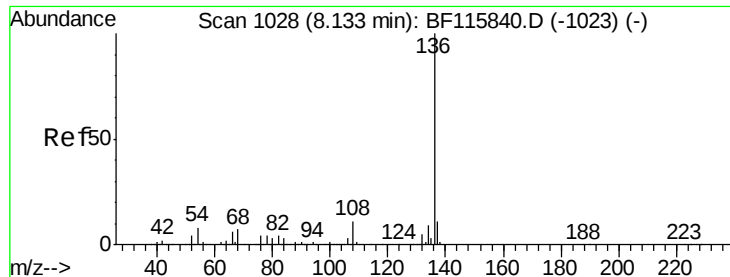
#20
3+4-Methylphenols
Concen: 46.941 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:	107	Resp:	397390
Ion	Ratio	Lower	Upper
107	100		
108	86.0	67.6	107.6
77	143.0	104.4	144.4
79	26.0	7.4	47.4



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

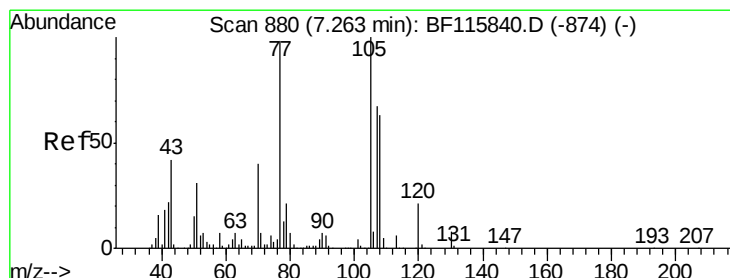
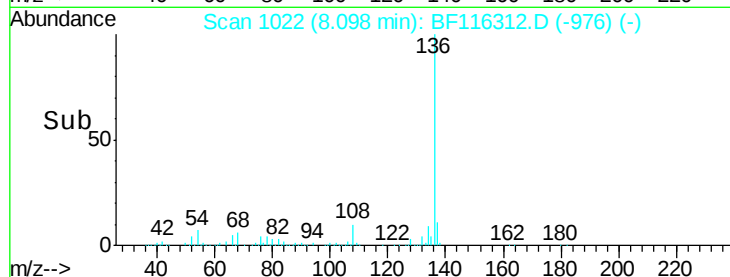
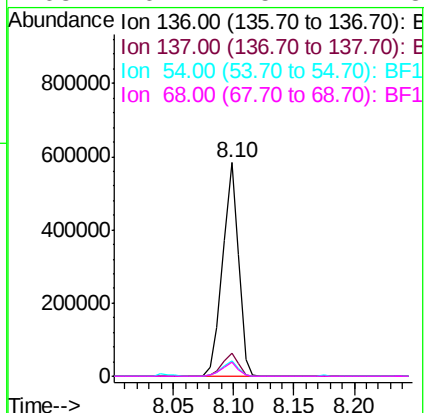
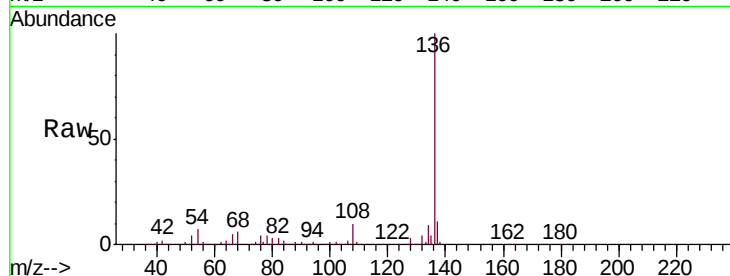




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

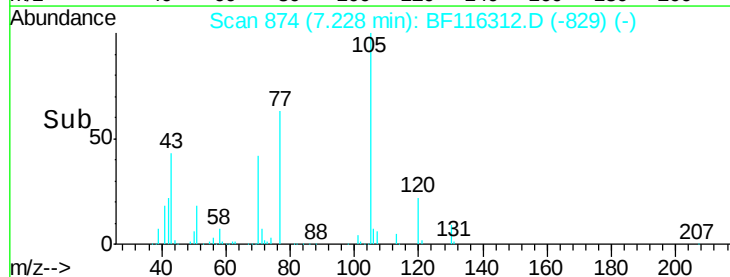
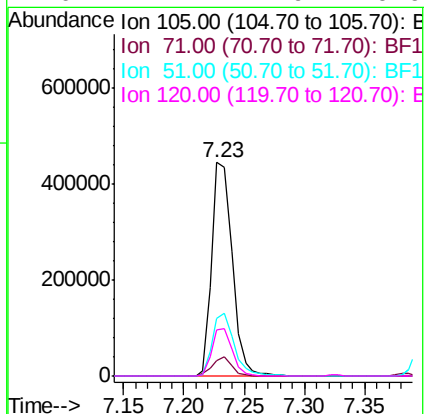
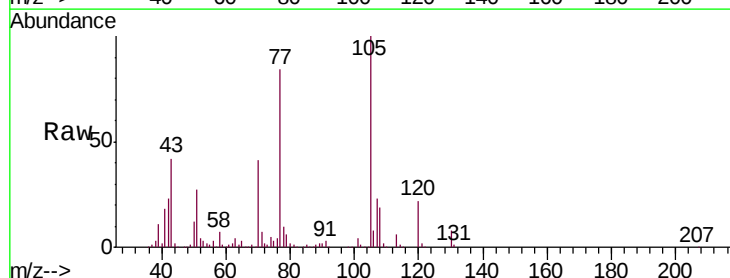
Instrument :
BNA_F
ClientSampleId :
PB122277BS

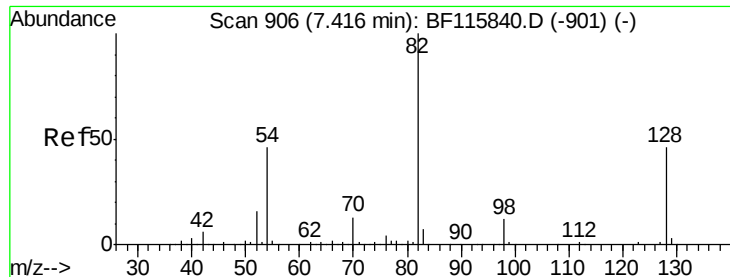
Tgt Ion:	136	Resp:	531253
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.9	5.8	8.6
68	6.4	5.2	7.8



#22
Acetophenone
Concen: 44.708 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:	105	Resp:	520894
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.9	8.9
51	26.8	25.3	37.9
120	21.7	17.9	26.9

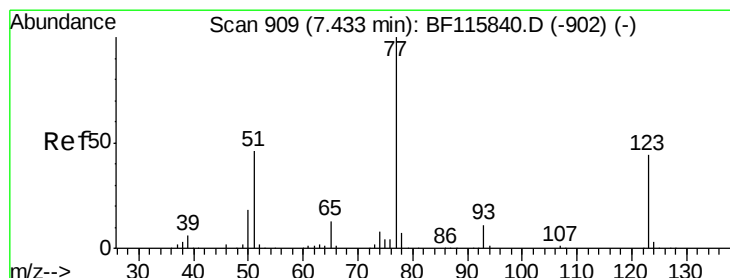
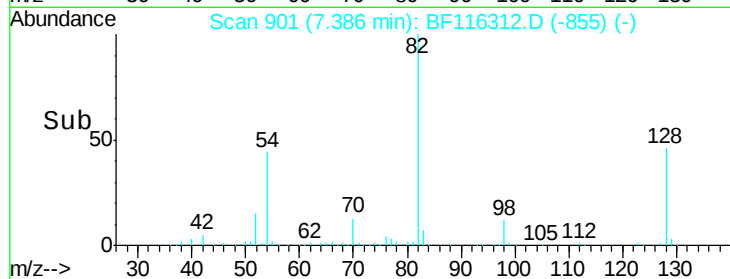
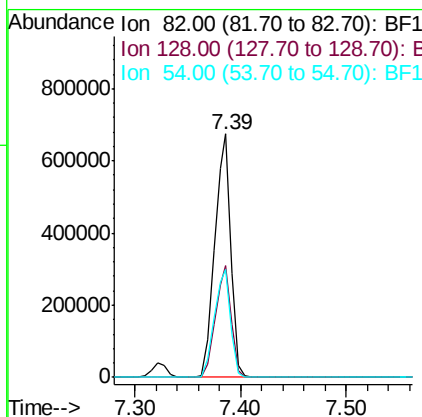
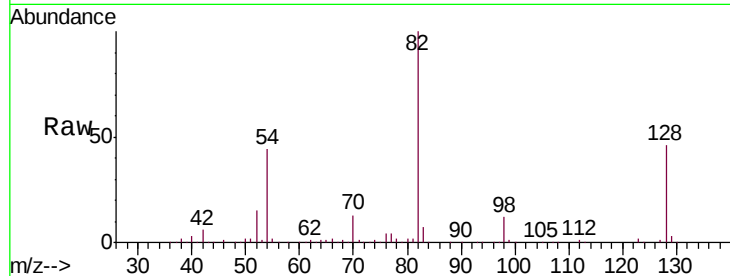




#23
 Nitrobenzene-d5
 Concen: 79.028 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

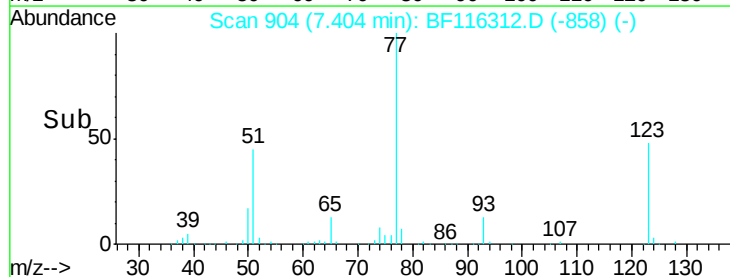
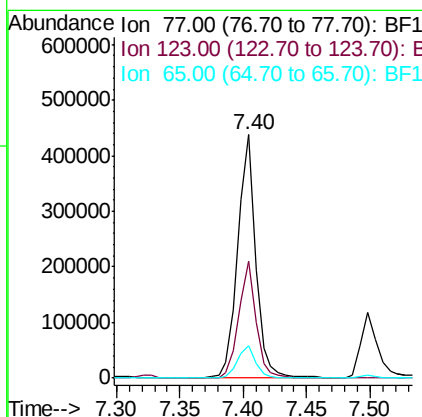
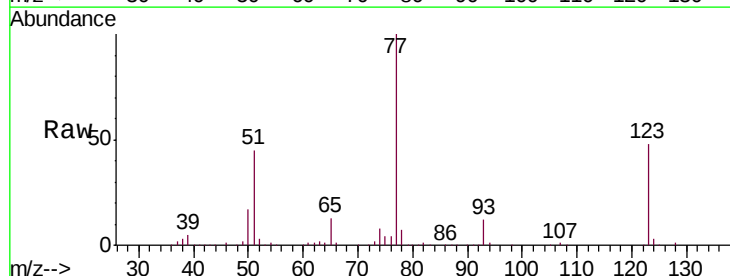
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

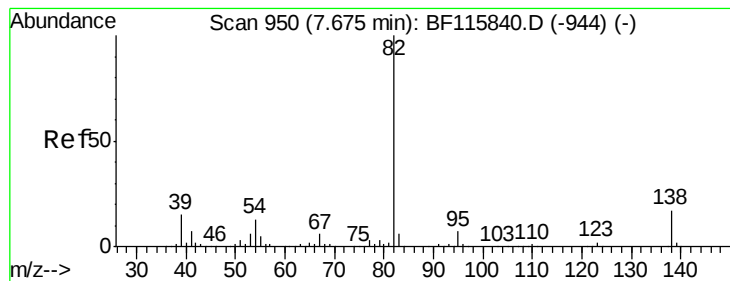
Tgt Ion: 82 Resp: 727332
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 44.3 36.0 54.0



#24
 Nitrobenzene
 Concen: 42.957 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion: 77 Resp: 426888
 Ion Ratio Lower Upper
 77 100
 123 48.0 36.7 55.1
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 43.933 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

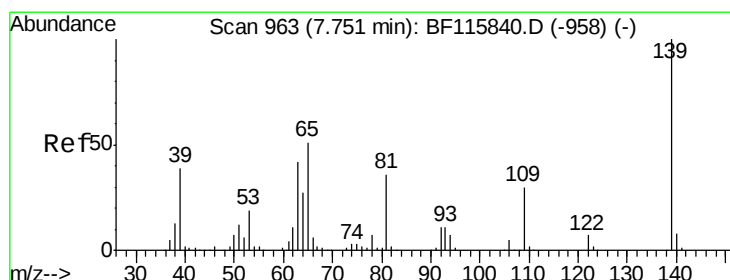
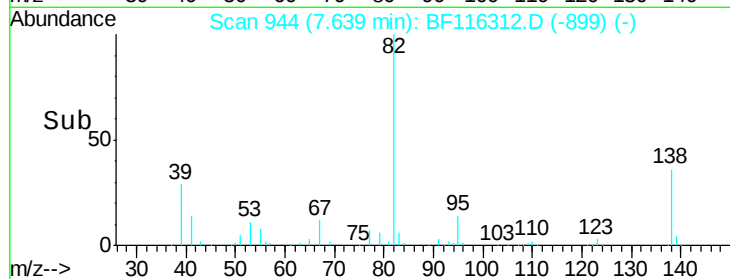
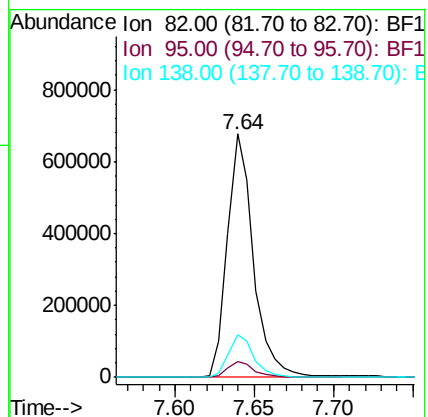
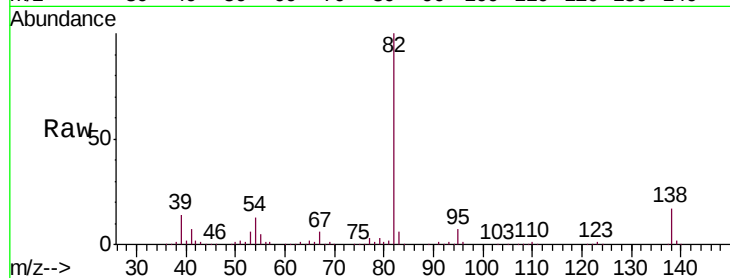
Tgt Ion: 82 Resp: 773150

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 17.3 14.5 21.7



#26

2-Nitrophenol

Concen: 44.427 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

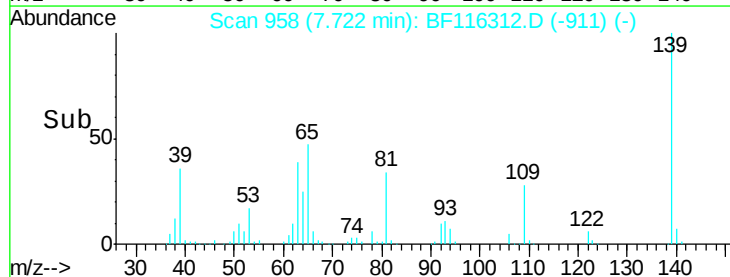
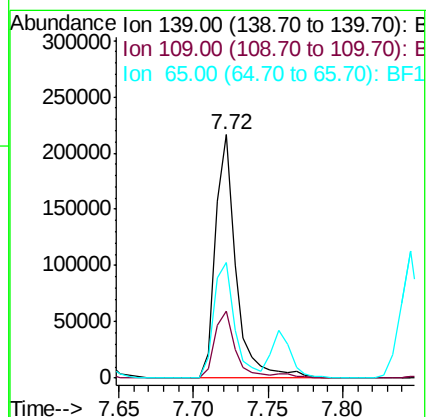
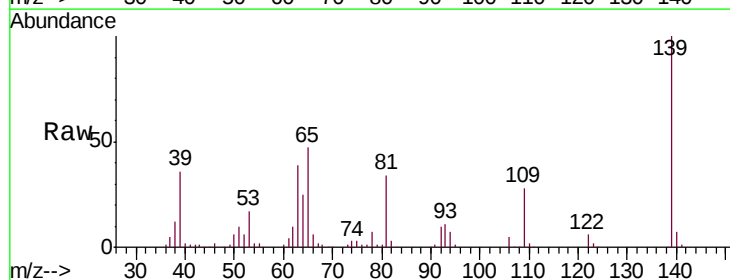
Tgt Ion: 139 Resp: 208114

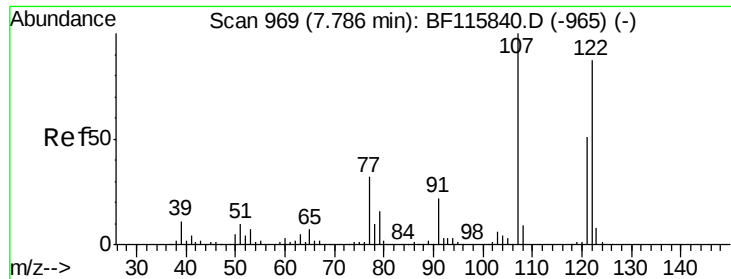
Ion Ratio Lower Upper

139 100

109 27.7 23.4 35.2

65 47.4 41.1 61.7

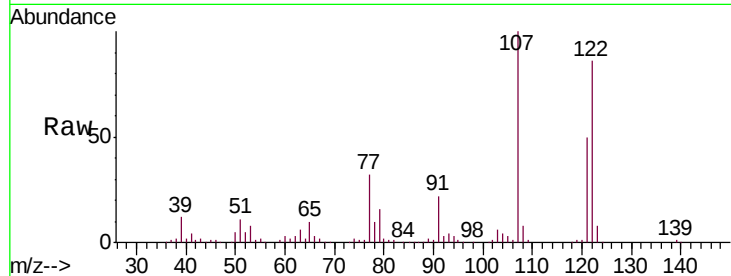




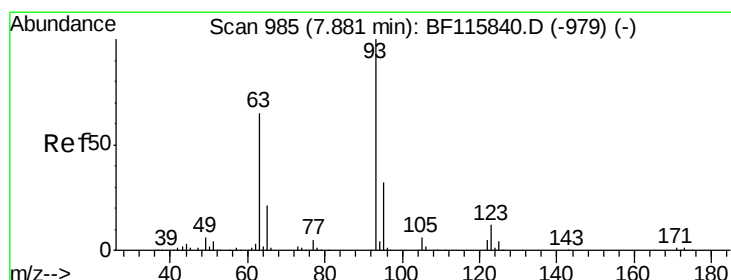
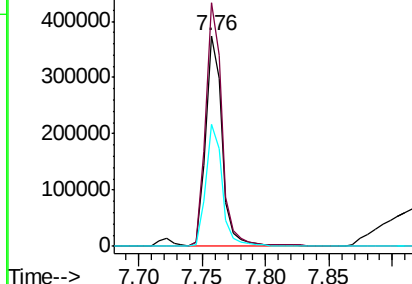
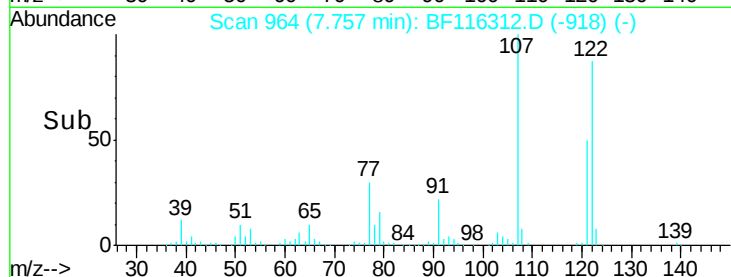
#27
2,4-Dimethylphenol
Concen: 48.122 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tgt Ion:122 Resp: 339146
Ion Ratio Lower Upper
122 100
107 115.6 93.0 139.6
121 58.1 47.6 71.4

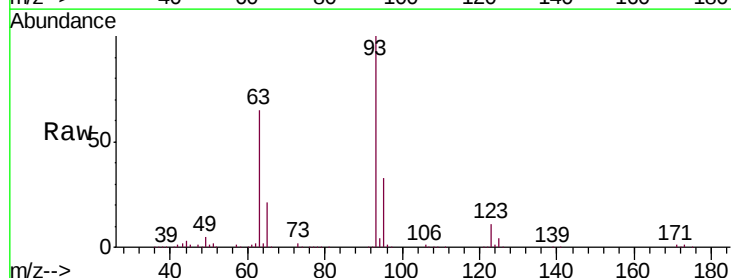


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

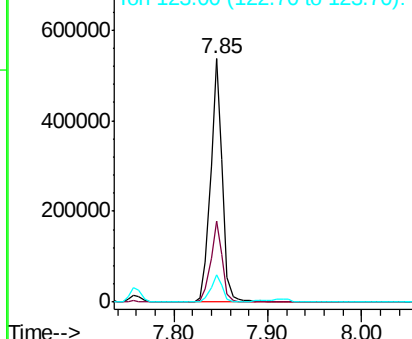
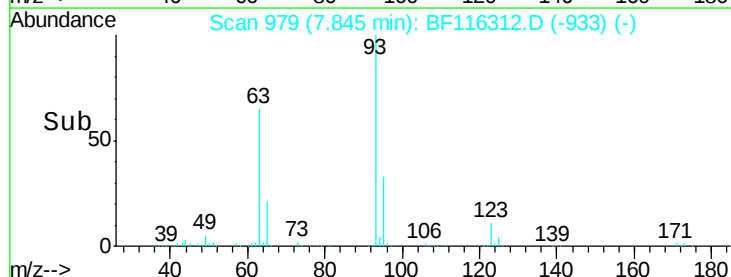


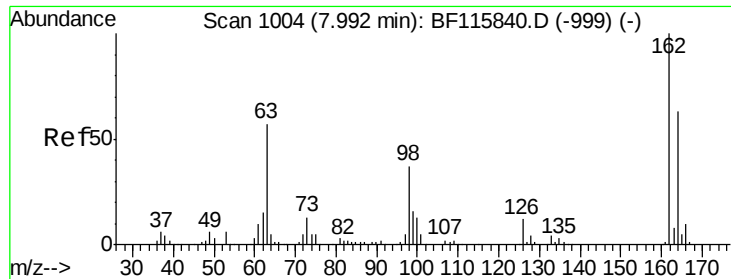
#28
bis(2-Chloroethoxy)methane
Concen: 43.579 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion: 93 Resp: 475347
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.2 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

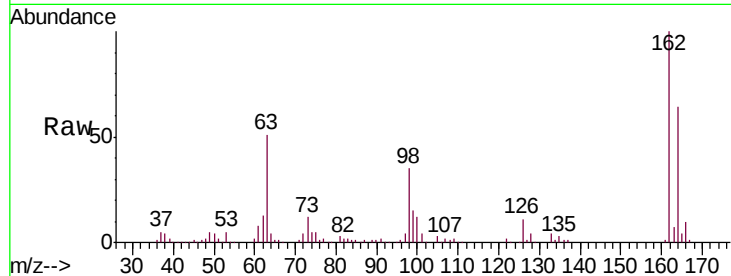




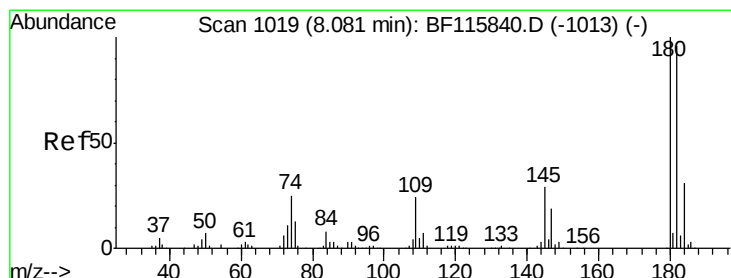
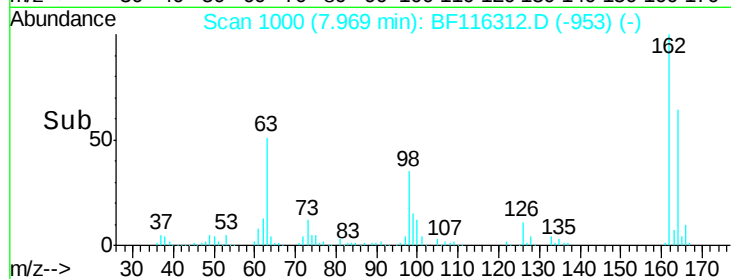
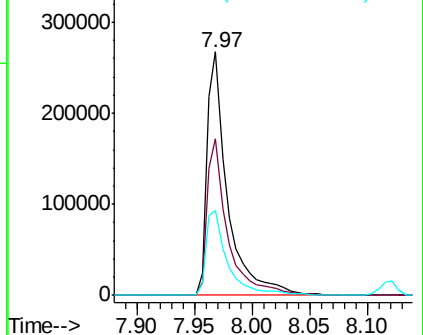
#29
 2,4-Dichlorophenol
 Concen: 44.354 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.1	85.1
98	34.8	15.8	55.8

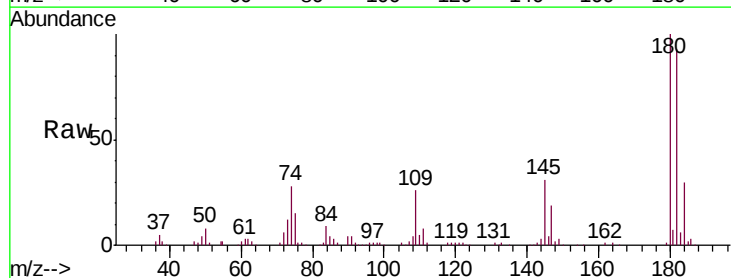


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

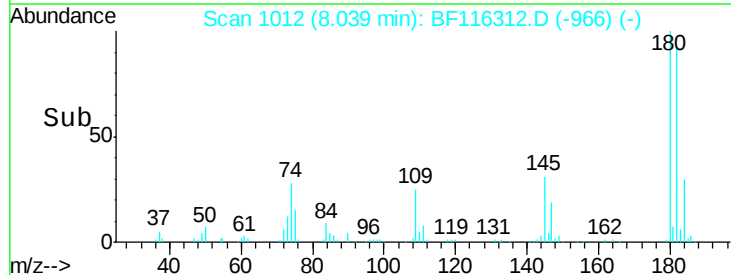
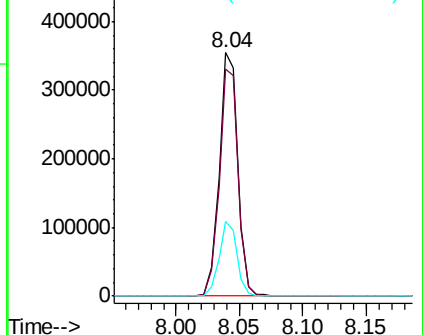


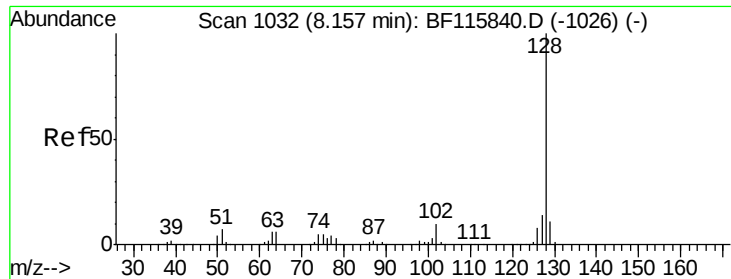
#30
 1,2,4-Trichlorobenzene
 Concen: 42.674 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.7	113.5
145	30.5	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

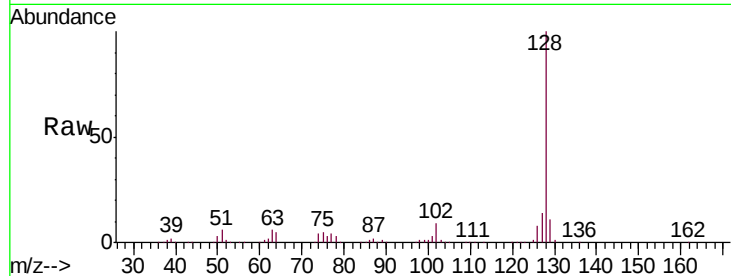




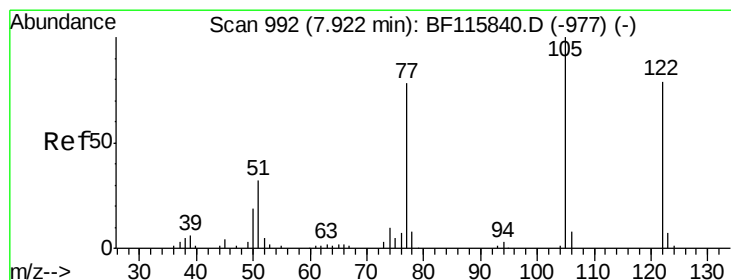
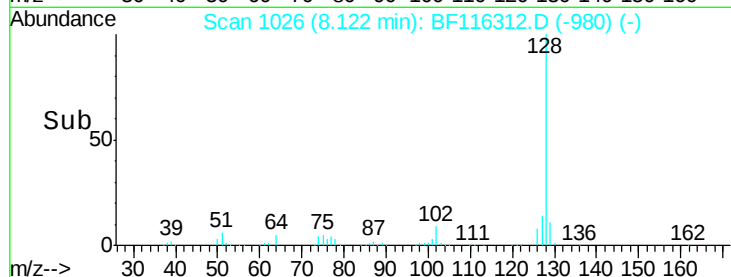
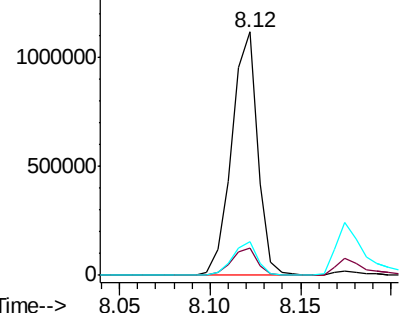
#31
Naphthalene
Concen: 44.430 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tgt Ion:128 Resp: 1110722
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.7 11.4 17.0

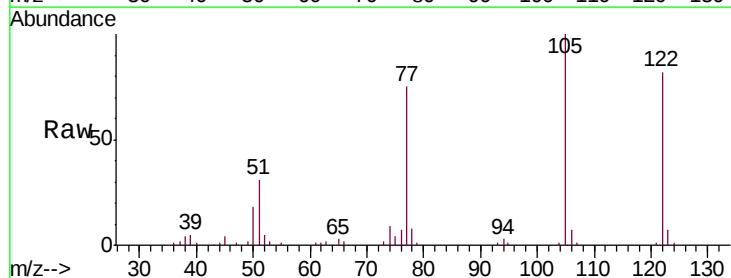


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

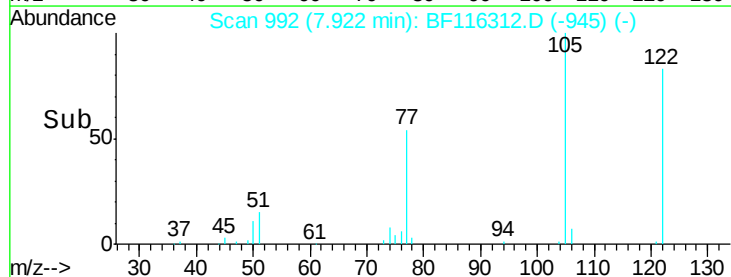
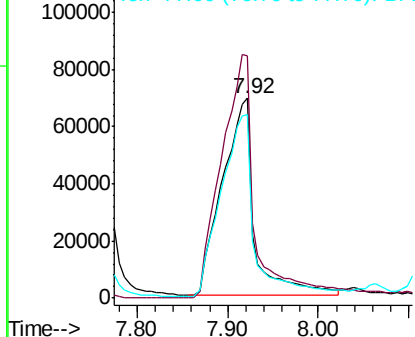


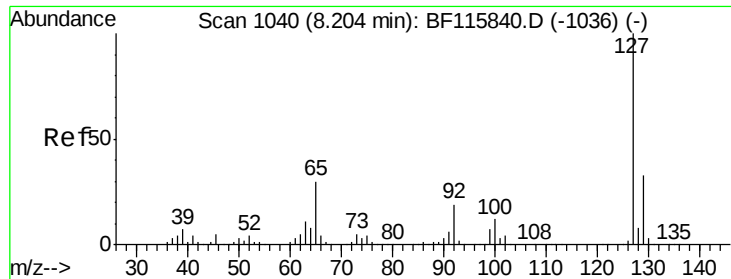
#32
Benzoic acid
Concen: 34.807 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:122 Resp: 172947
Ion Ratio Lower Upper
122 100
105 121.6 106.1 146.1
77 91.8 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

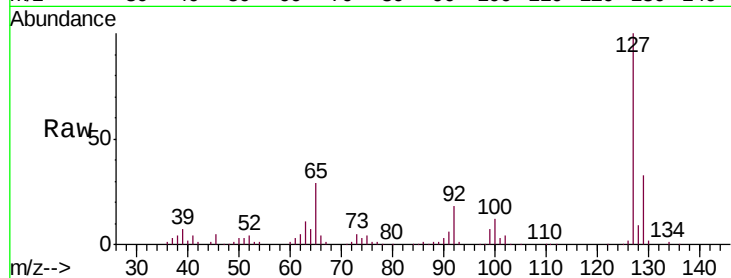




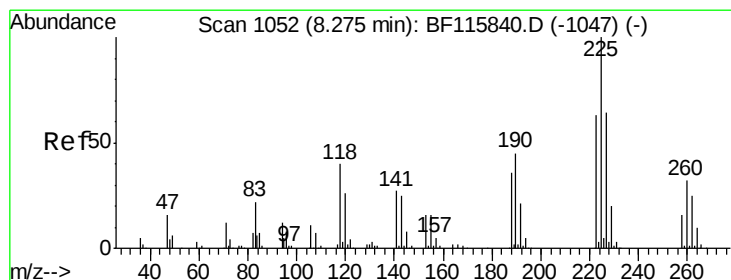
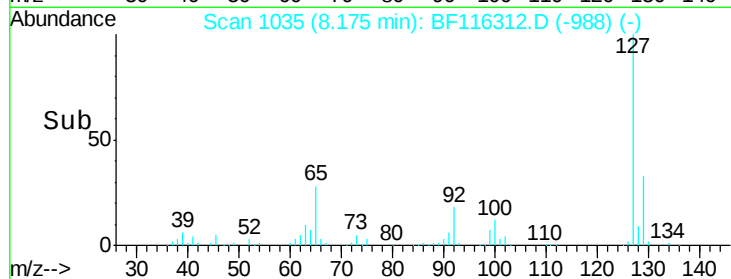
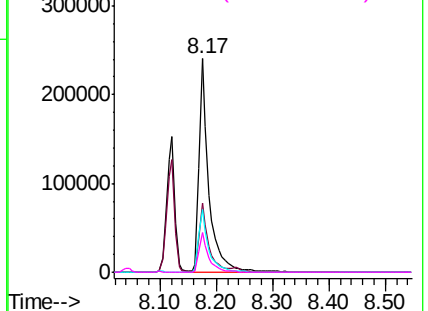
#33
4-Chloroaniline
Concen: 25.910 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tgt Ion:	127	Resp:	289418
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	29.2	24.9	37.3
92	18.5	15.7	23.5

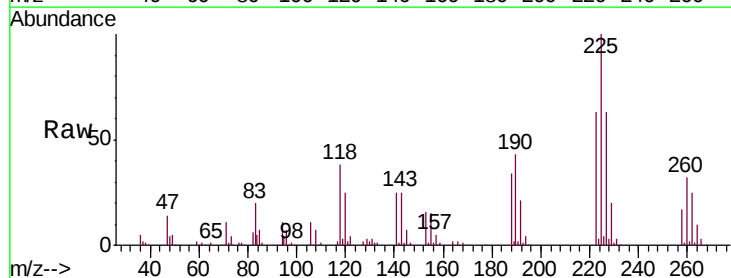


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

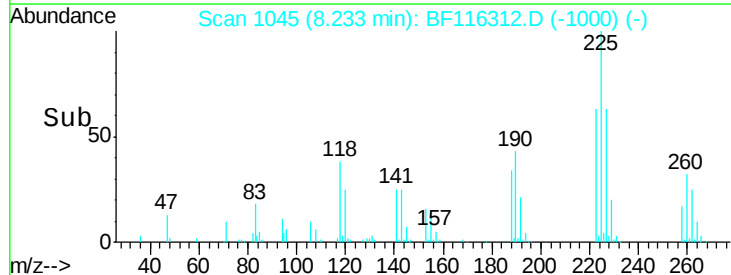
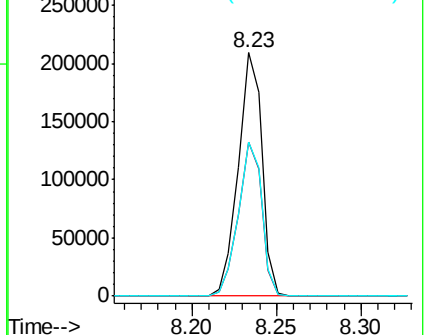


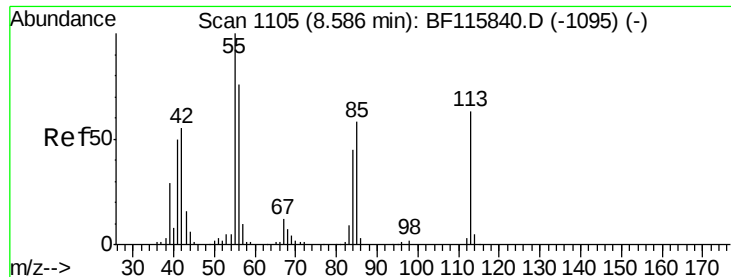
#34
Hexachlorobutadiene
Concen: 41.934 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:	225	Resp:	204885
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	63.4	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

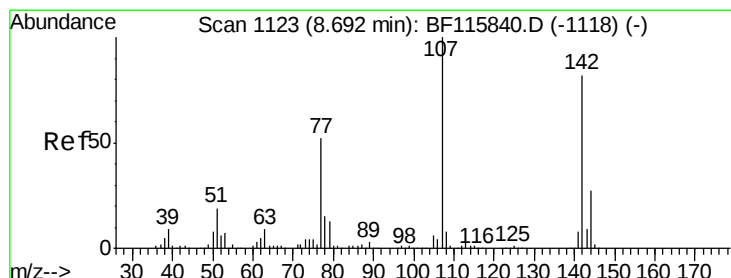
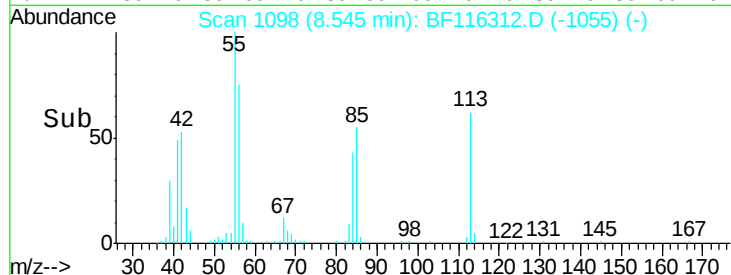
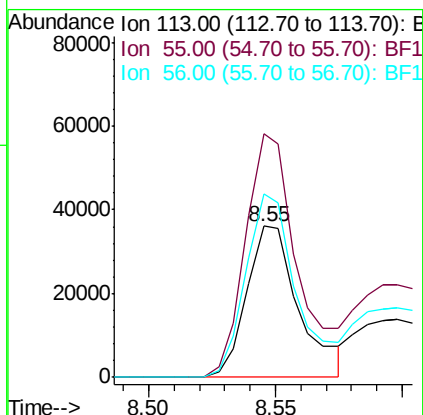
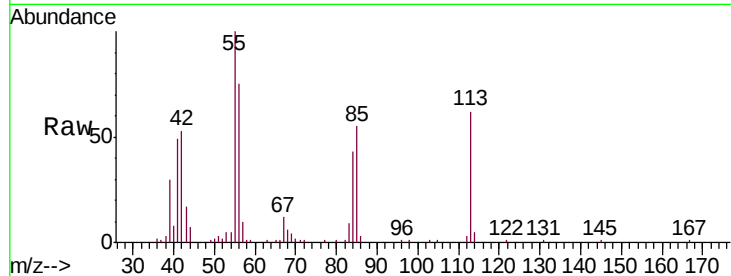




#35
 Caprolactam
 Concen: 21.556 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.05 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

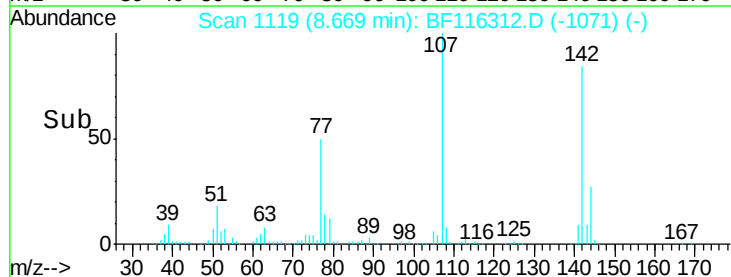
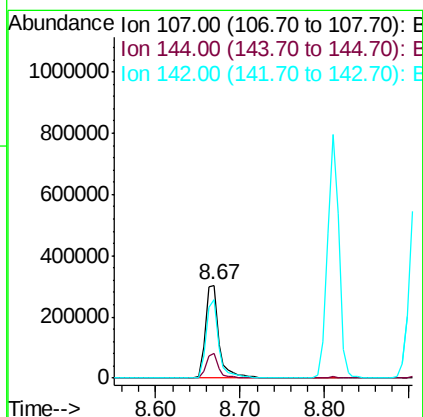
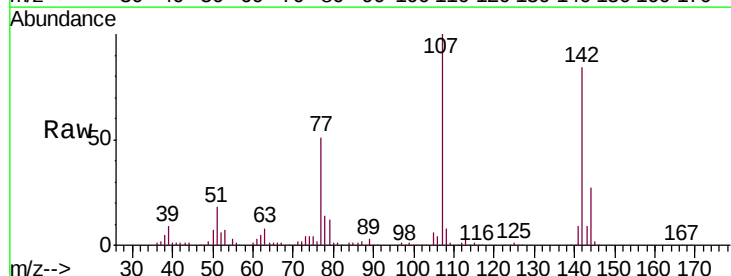
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

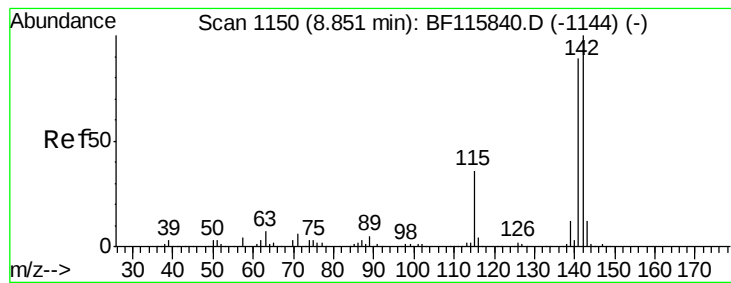
Tgt Ion:113 Resp: 51879
 Ion Ratio Lower Upper
 113 100
 55 161.2 144.3 184.3
 56 121.6 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.614 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion:107 Resp: 337635
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.2 30.2
 142 83.9 61.7 92.5

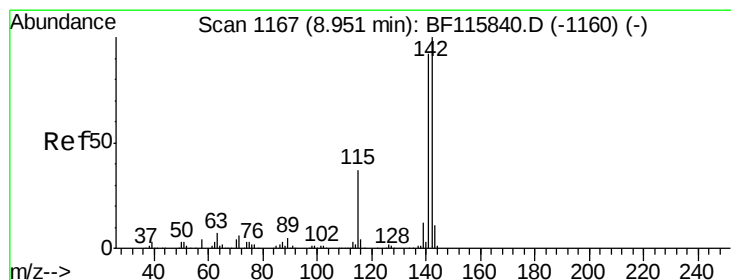
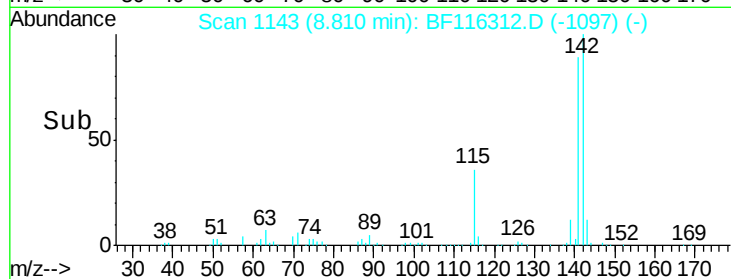
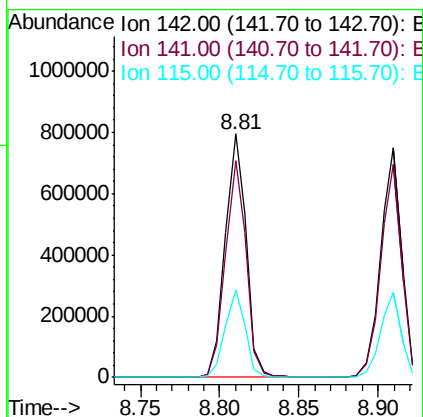
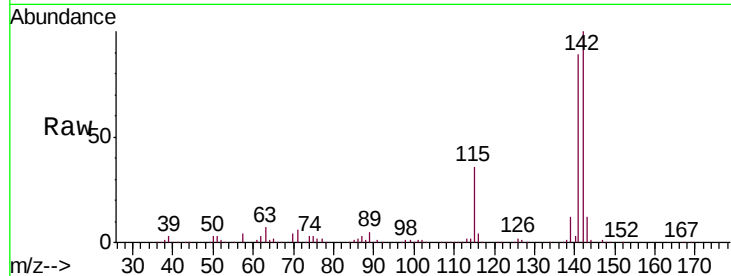




#37
2-Methylnaphthalene
Concen: 44.250 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

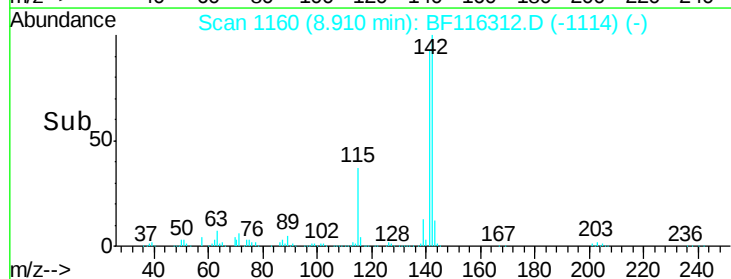
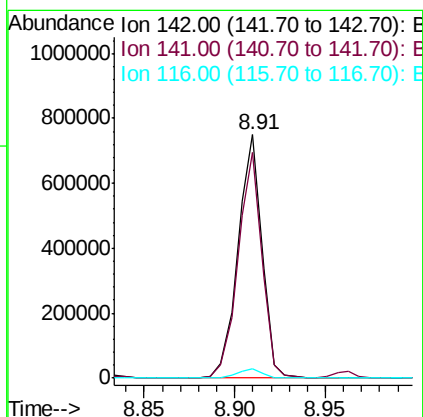
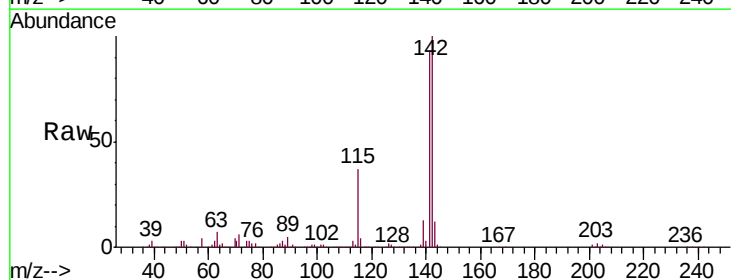
Instrument :
BNA_F
ClientSampleId :
PB122277BS

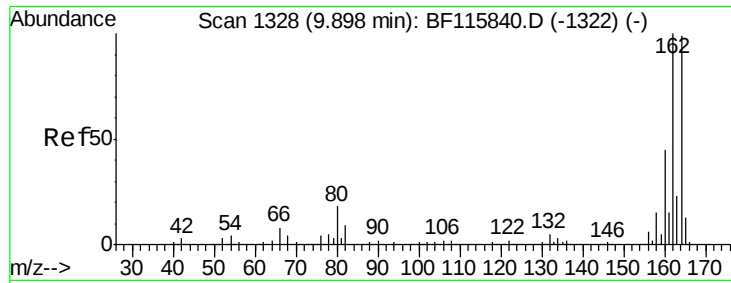
Tgt Ion:142 Resp: 728558
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3
115 35.8 29.0 43.6



#38
1-Methylnaphthalene
Concen: 43.863 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:142 Resp: 683204
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6
116 3.8 3.1 4.7

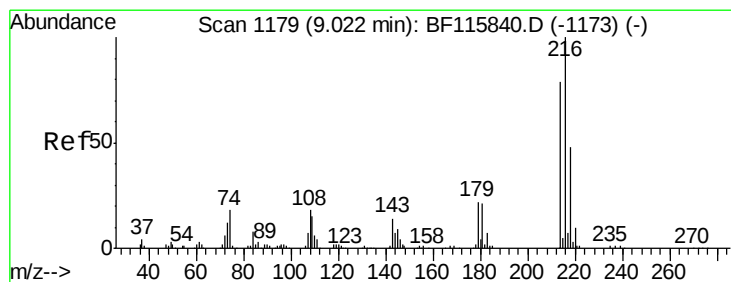
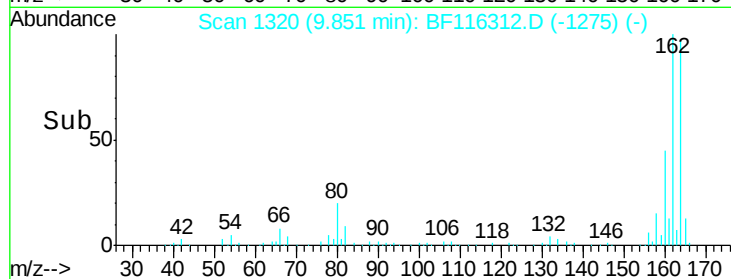
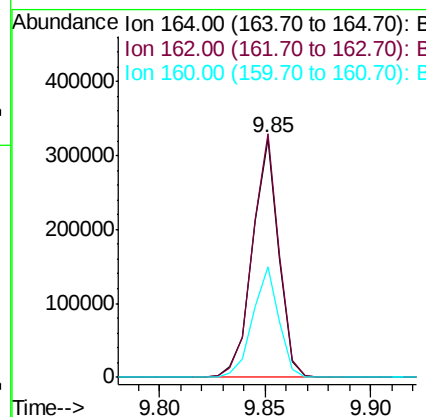
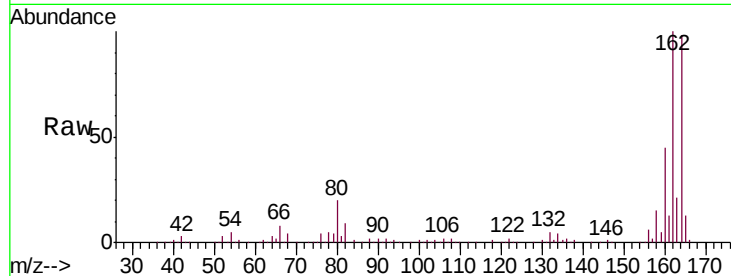




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

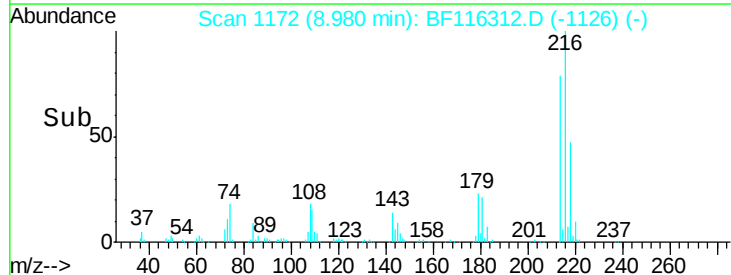
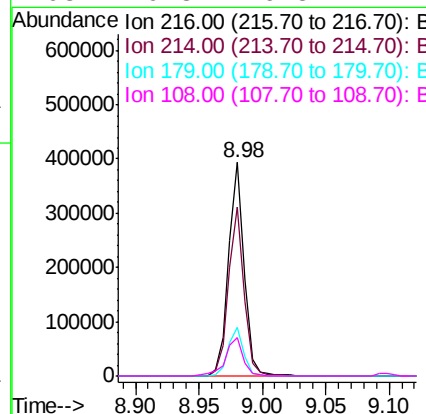
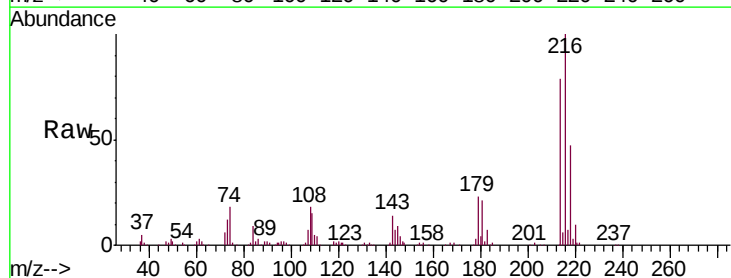
Instrument :
BNA_F
ClientSampleId :
PB122277BS

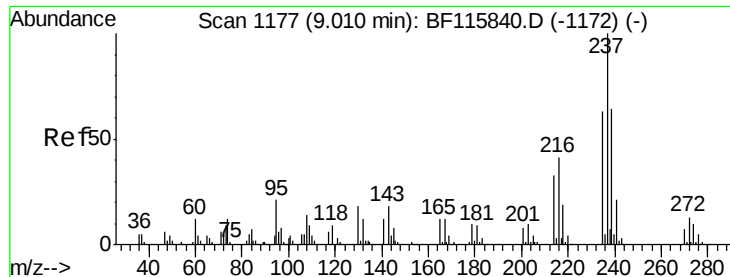
Tgt Ion:164 Resp: 278753
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 46.1 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.182 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:216 Resp: 336703
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 22.3 17.8 26.8
108 20.3 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 40.123 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

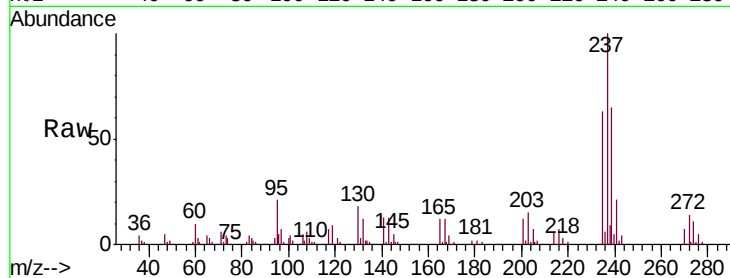
Tgt Ion: 237 Resp: 123567

Ion Ratio Lower Upper

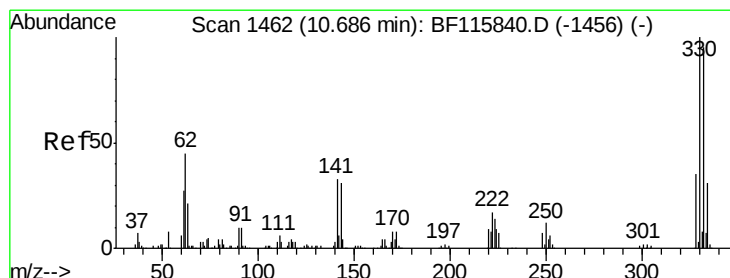
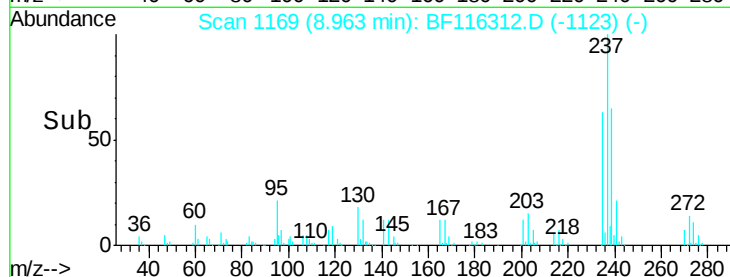
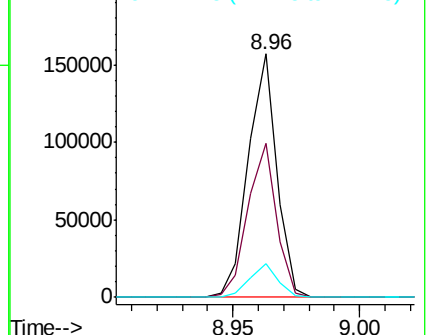
237 100

235 63.2 43.4 83.4

272 13.8 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: 111.252 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

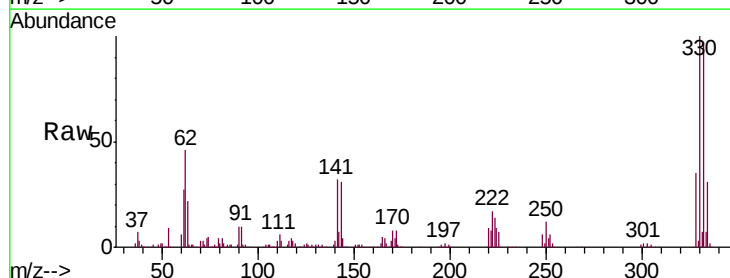
Tgt Ion: 330 Resp: 300669

Ion Ratio Lower Upper

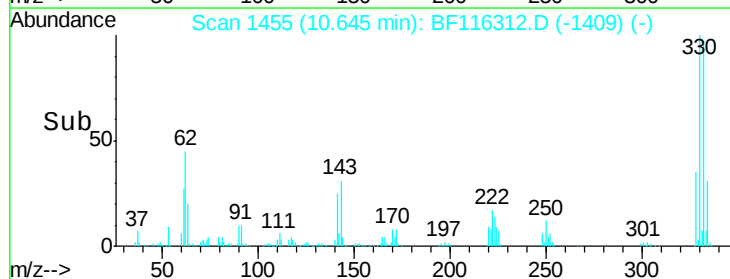
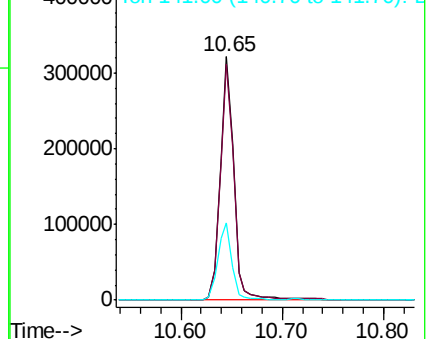
330 100

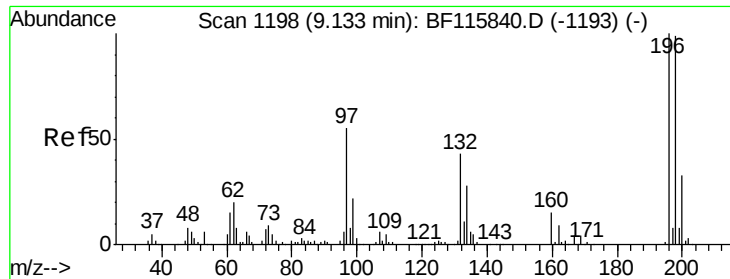
332 98.8 76.8 115.2

141 32.8 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

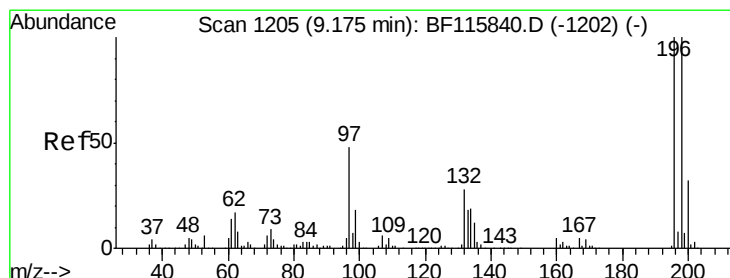
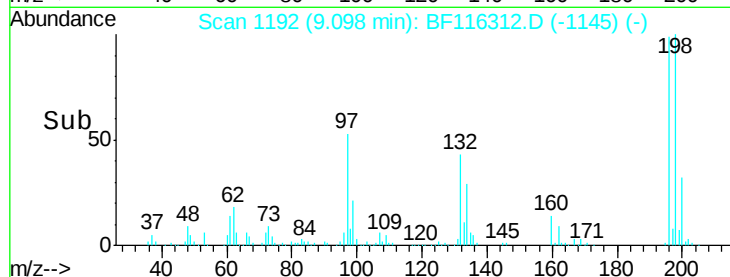
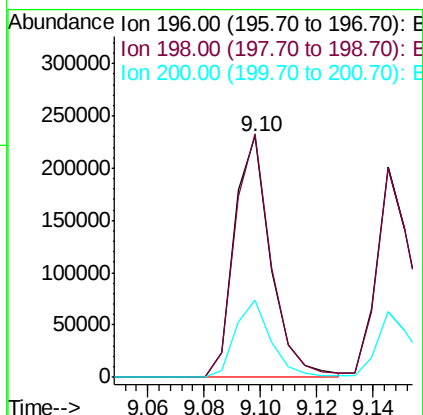
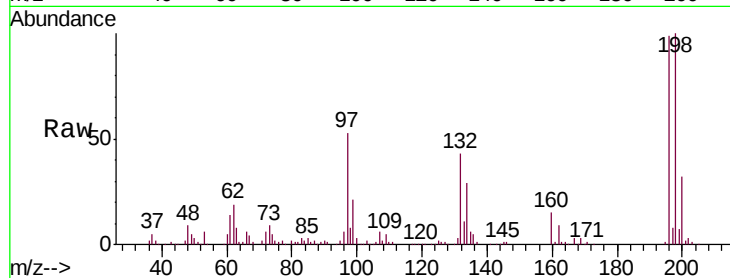




#43
 2,4,6-Trichlorophenol
 Concen: 40.436 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

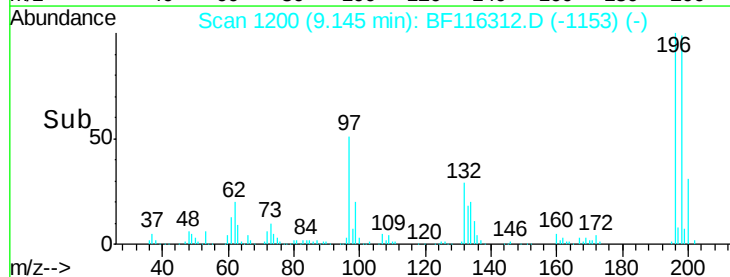
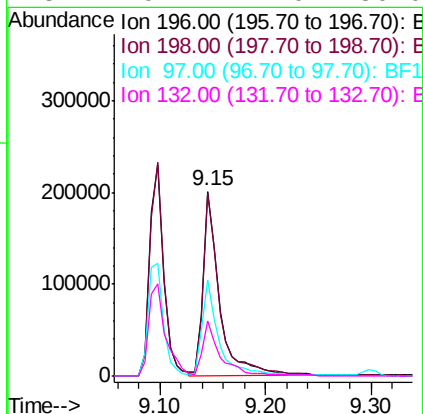
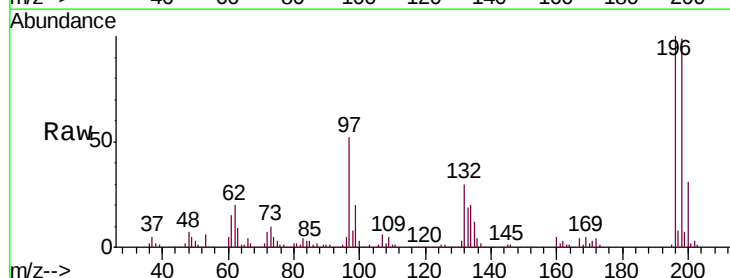
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

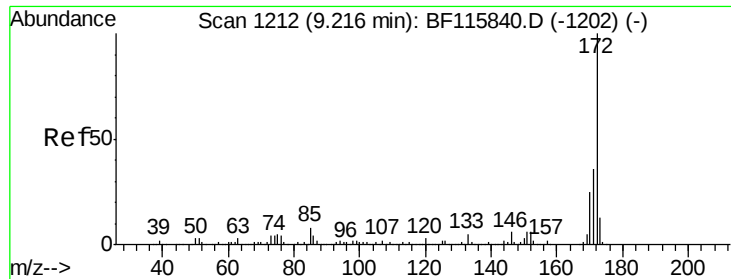
Tgt Ion:196 Resp: 207414
 Ion Ratio Lower Upper
 196 100
 198 101.1 79.2 118.8
 200 32.3 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.069 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion:196 Resp: 217763
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.8 118.2
 97 52.1 42.2 63.4
 132 29.7 24.0 36.0

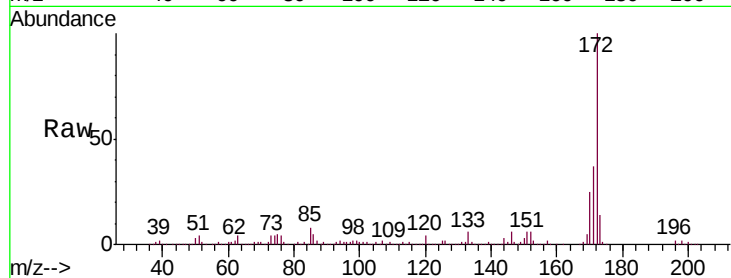




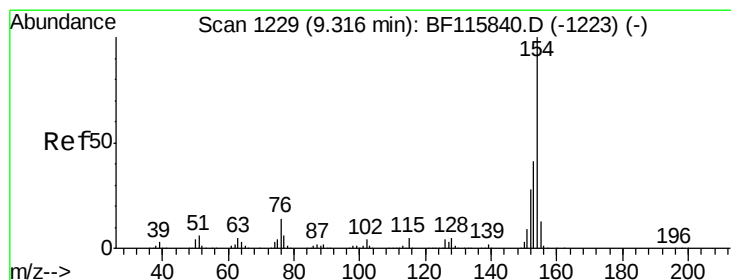
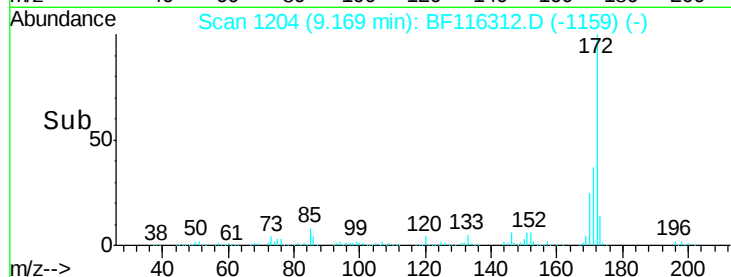
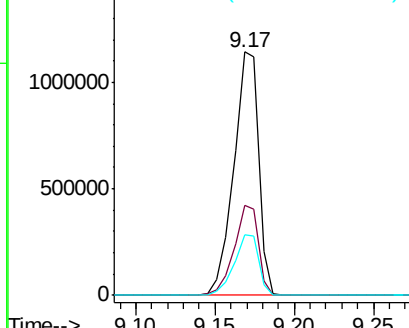
#45
2-Fluorobiphenyl
Concen: 83.432 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Tgt Ion:172 Resp: 1241644
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.1 20.1 30.1

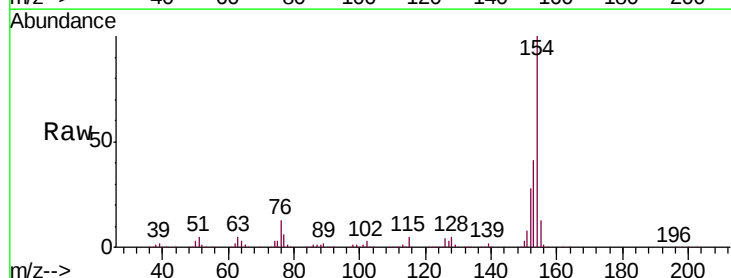


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

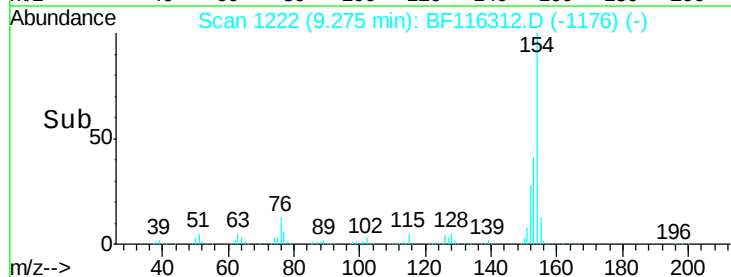
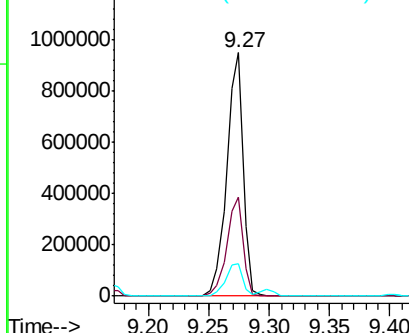


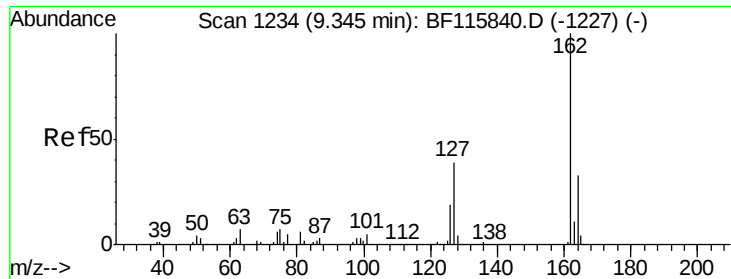
#46
1,1'-Biphenyl
Concen: 45.192 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:154 Resp: 889366
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 13.1 0.0 35.2



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

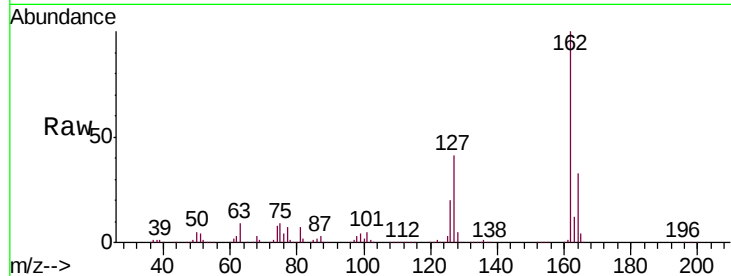




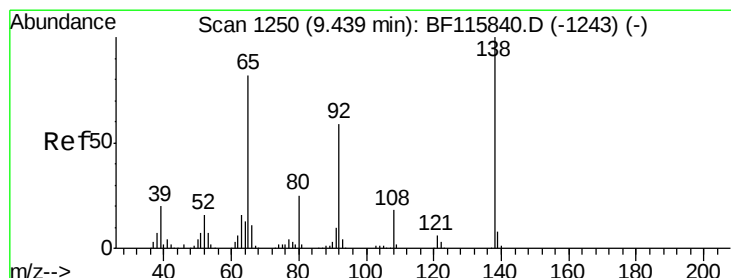
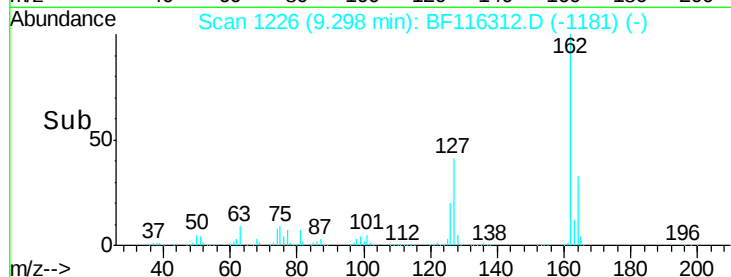
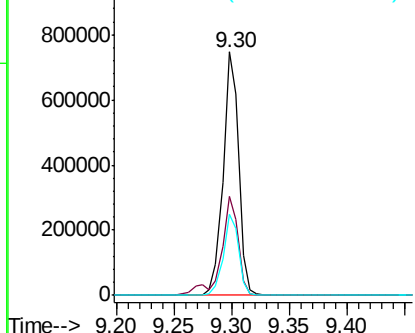
#47
 2-Chloronaphthalene
 Concen: 42.702 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleID :
 PB122277BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.8	49.2
164	33.1	26.6	39.8

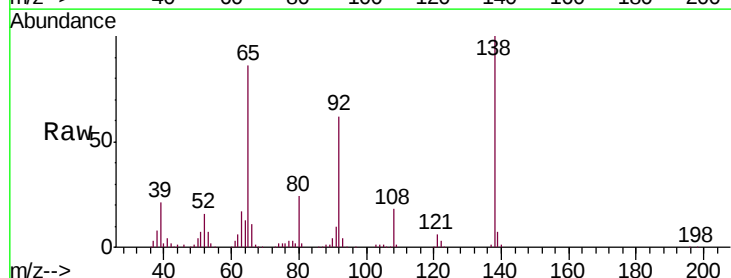


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

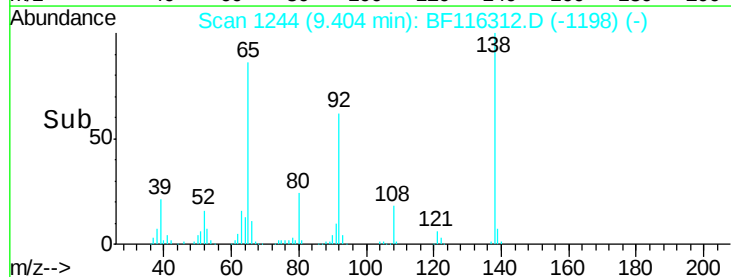
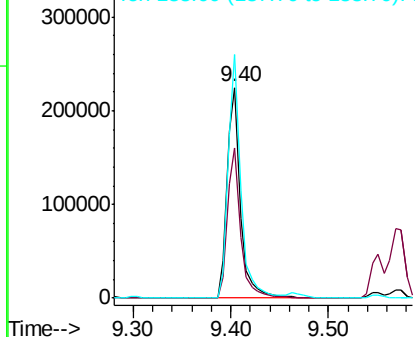


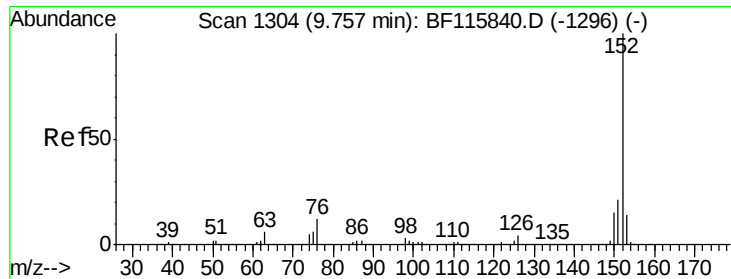
#48
 2-Nitroaniline
 Concen: 39.575 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.8	86.8
138	115.7	94.0	141.0



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





#49

Acenaphthylene

Concen: 42.712 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

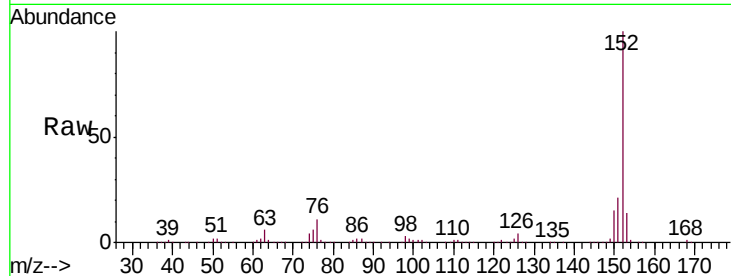
Tgt Ion:152 Resp: 1020645

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

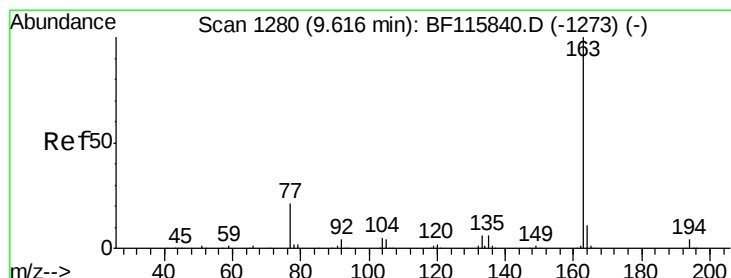
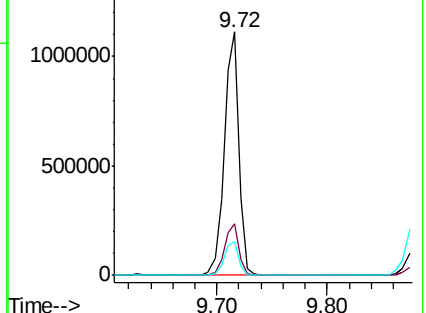
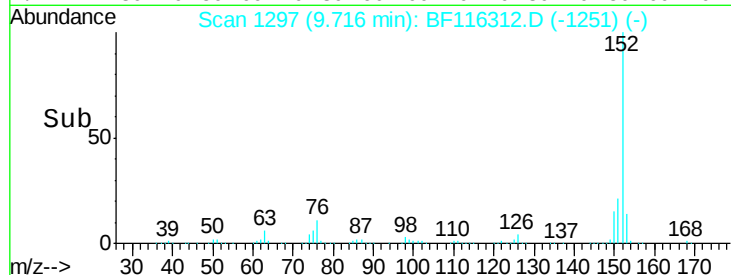
153 13.9 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.507 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

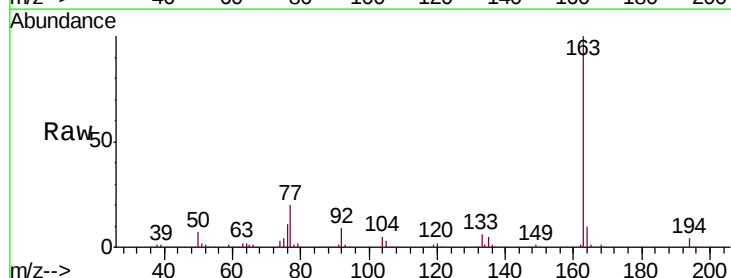
Tgt Ion:163 Resp: 806775

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

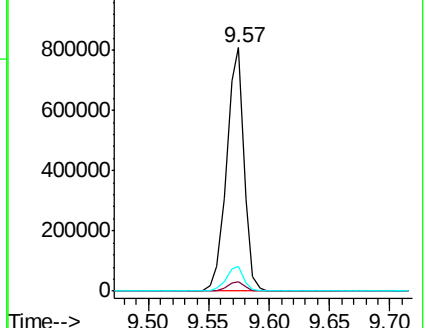
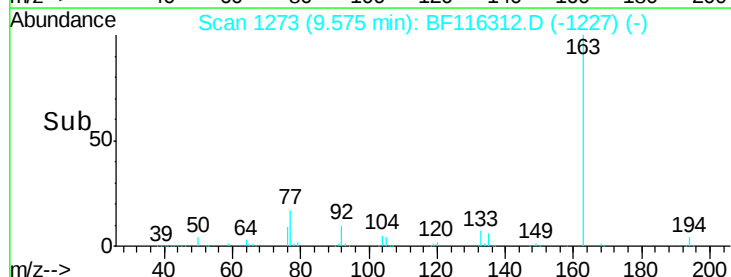
164 10.3 8.4 12.6

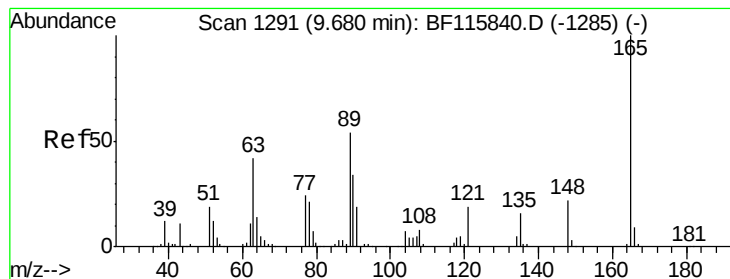


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.425 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

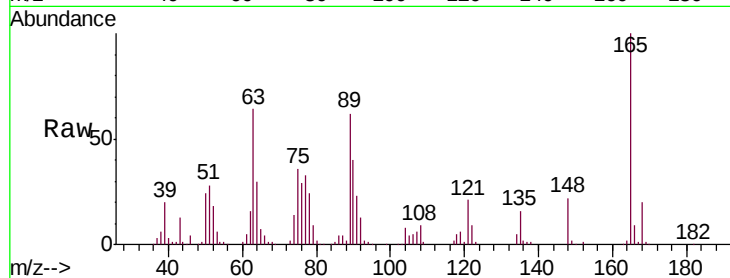
Tgt Ion:165 Resp: 179113

Ion Ratio Lower Upper

165 100

63 63.7 38.2 57.2#

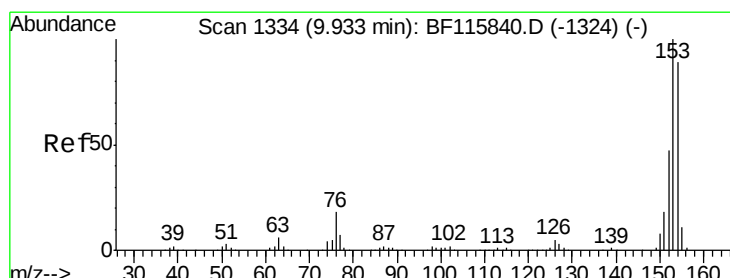
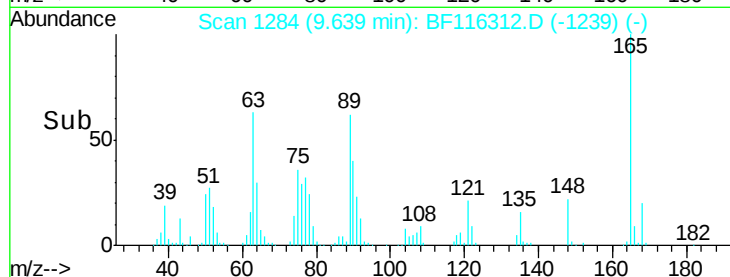
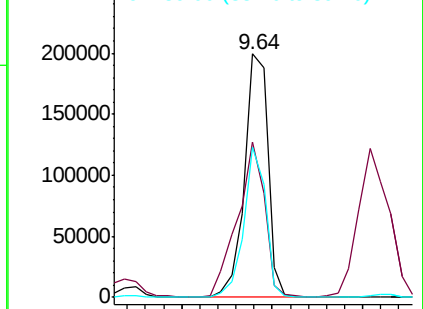
89 61.7 42.9 64.3



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: 43.117 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

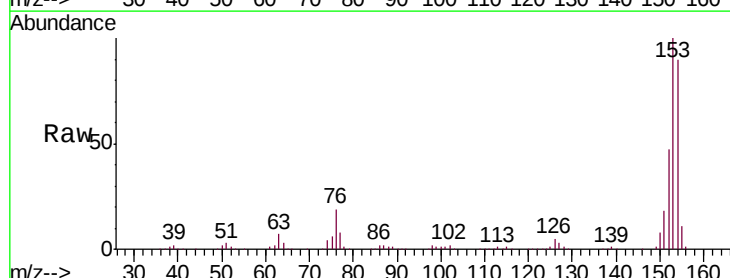
Tgt Ion:154 Resp: 632098

Ion Ratio Lower Upper

154 100

153 111.4 89.4 134.0

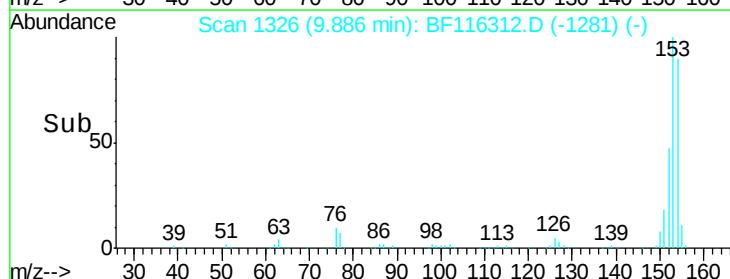
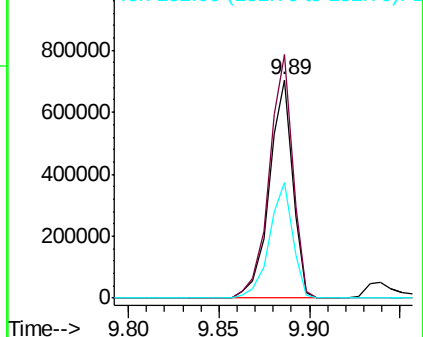
152 52.8 42.3 63.5

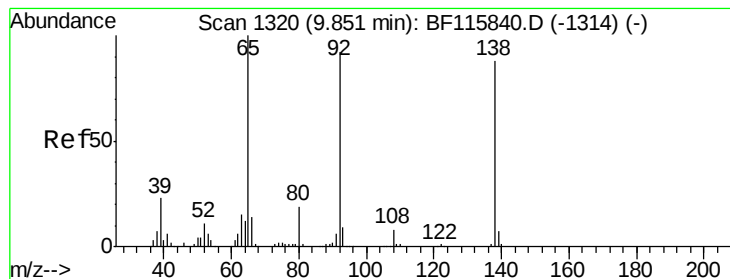


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.212 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

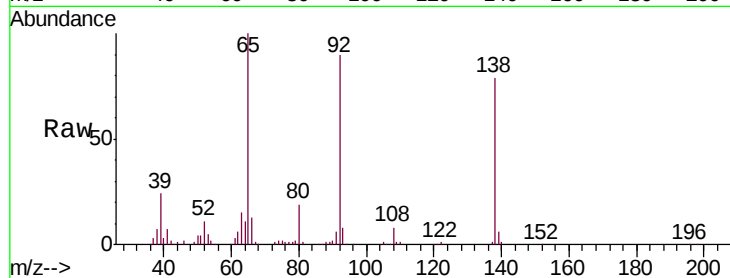
Tgt Ion:138 Resp: 133593

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

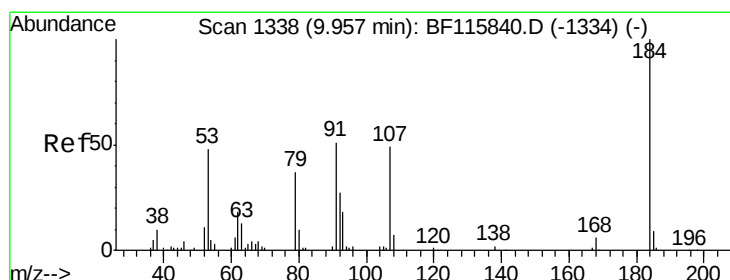
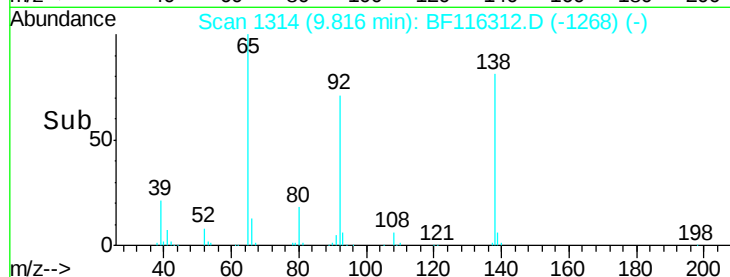
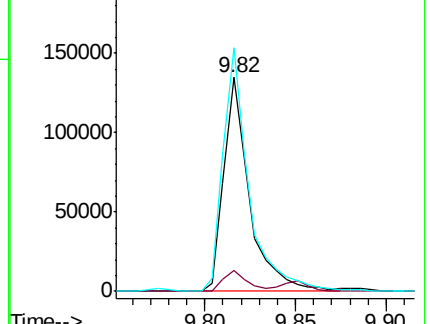
92 113.8 91.0 136.6



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: 58.364 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

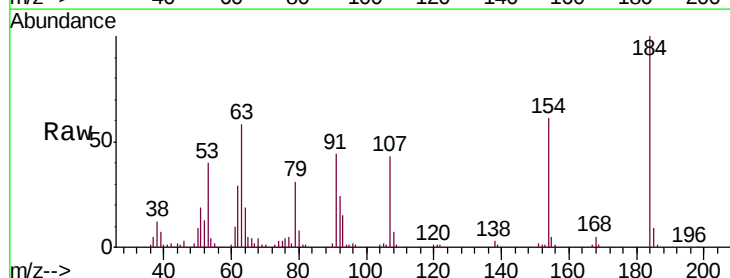
Tgt Ion:184 Resp: 117527

Ion Ratio Lower Upper

184 100

63 58.1 53.0 79.4

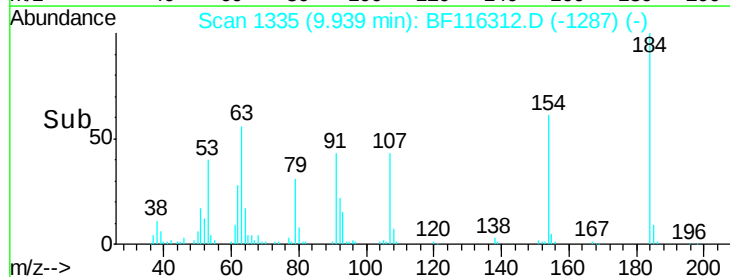
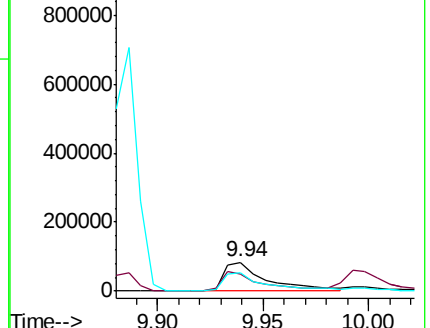
154 61.0 50.1 75.1

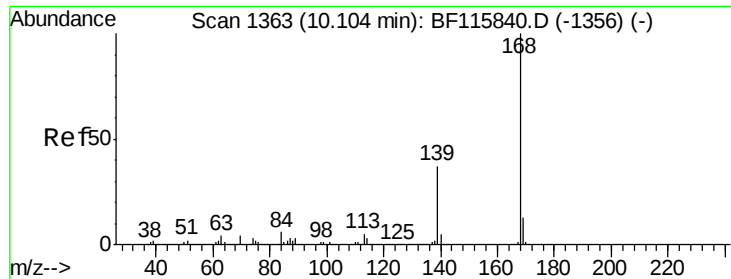


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.779 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

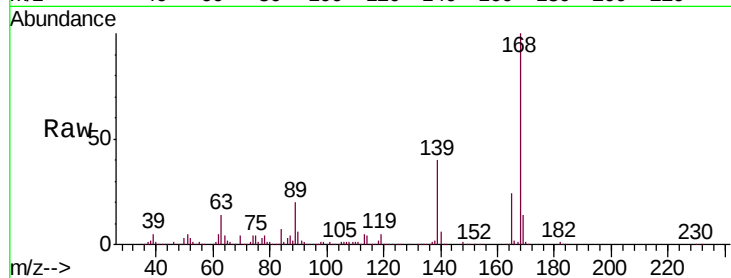
Tgt Ion:168 Resp: 890707

Ion Ratio Lower Upper

168 100

139 40.2 31.4 47.2

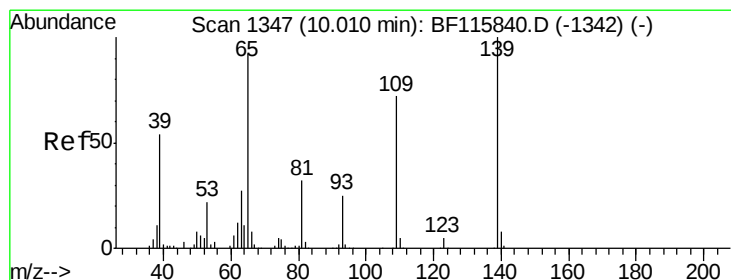
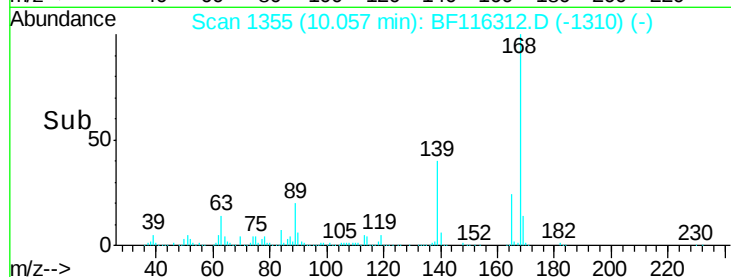
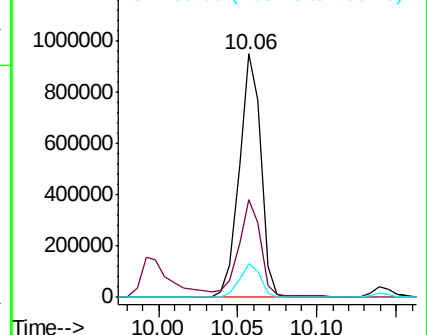
169 13.7 10.9 16.3



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: 62.733 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

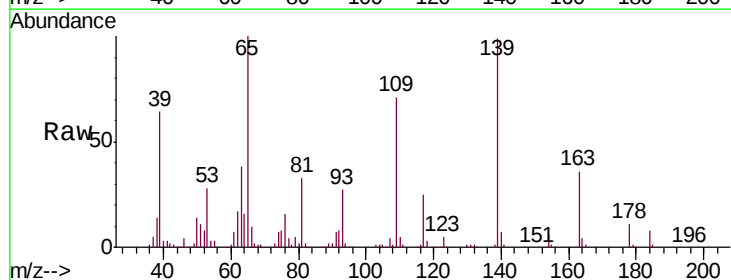
Tgt Ion:139 Resp: 204815

Ion Ratio Lower Upper

139 100

109 71.7 54.4 94.4

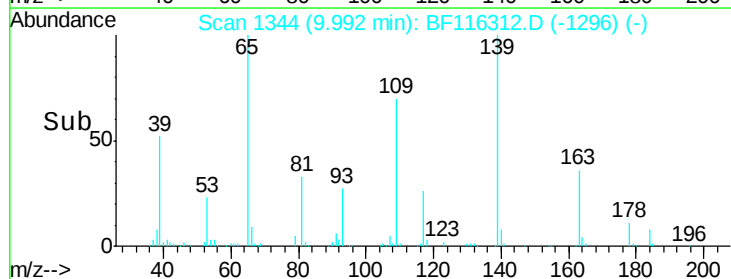
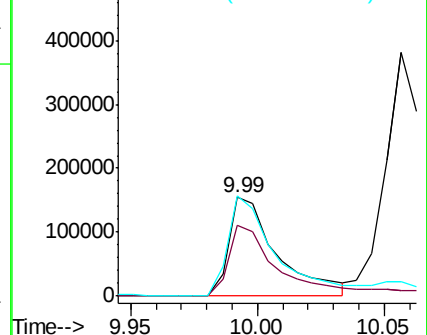
65 101.5 80.6 120.6

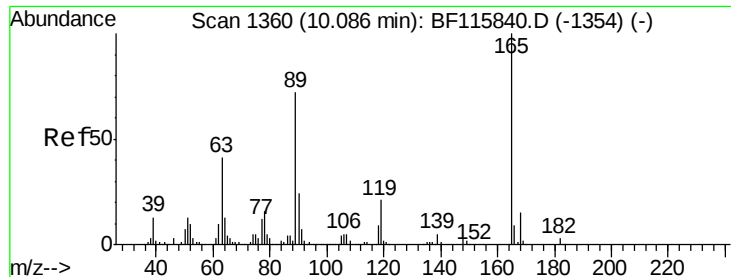


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.926 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

Tgt Ion:165 Resp: 213769

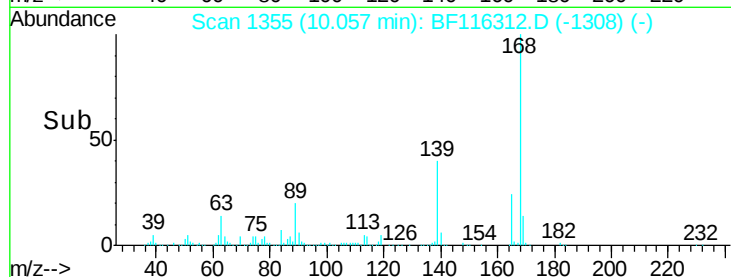
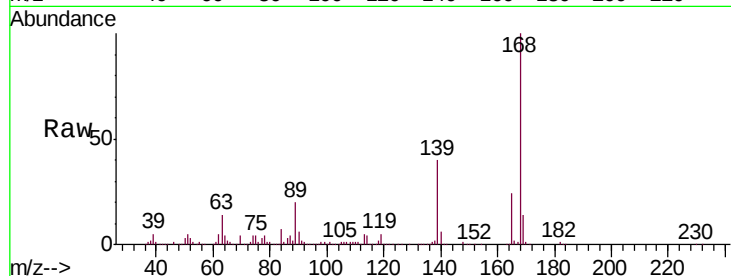
Ion Ratio Lower Upper

165 100

63 59.3 39.6 59.4

89 81.8 62.2 93.2

182 2.7 2.1 3.1

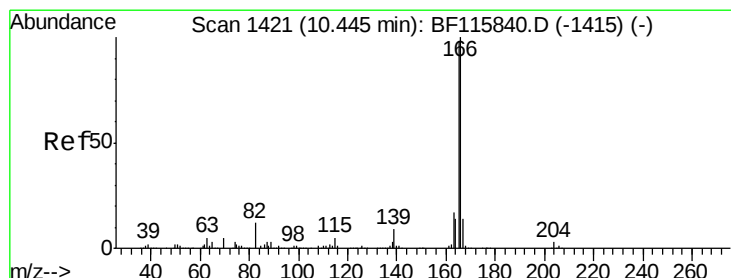
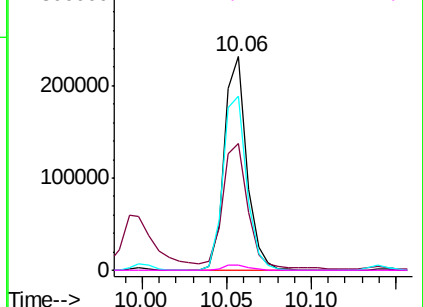


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.947 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

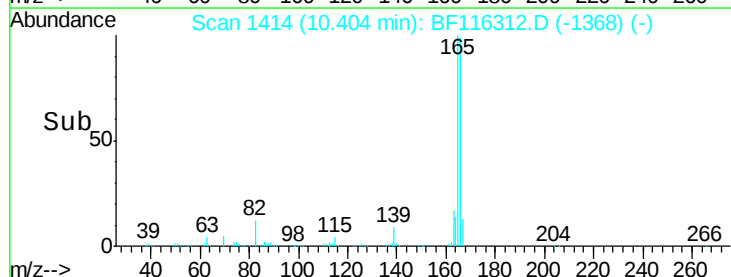
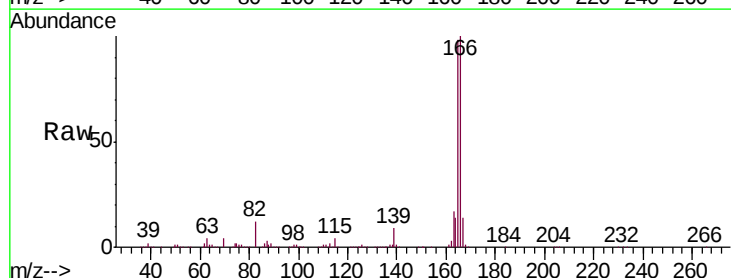
Tgt Ion:166 Resp: 720848

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

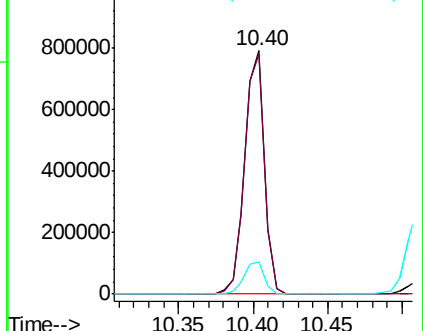
167 13.5 11.0 16.4

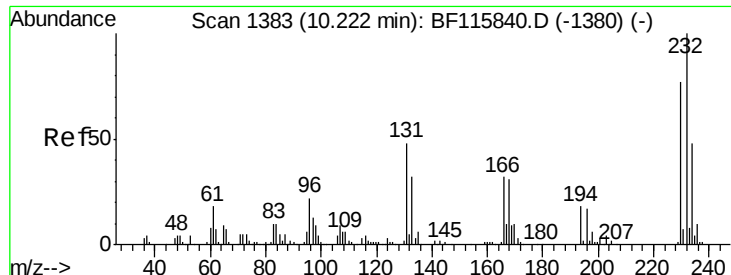


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

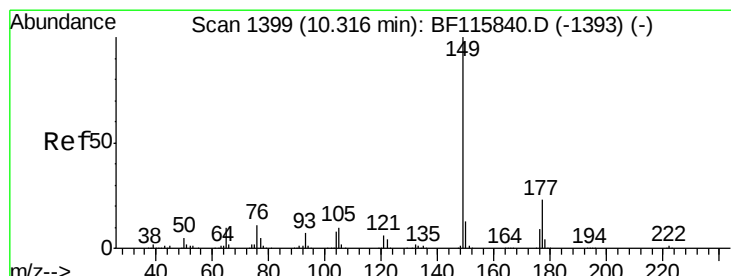
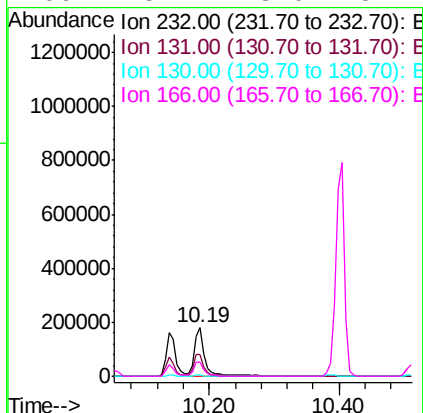
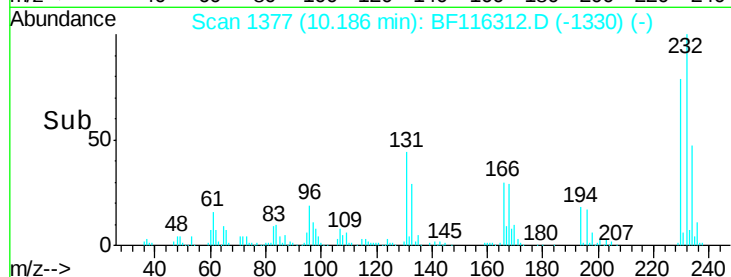
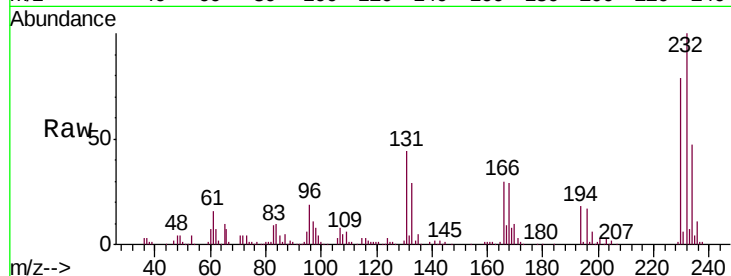




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.311 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

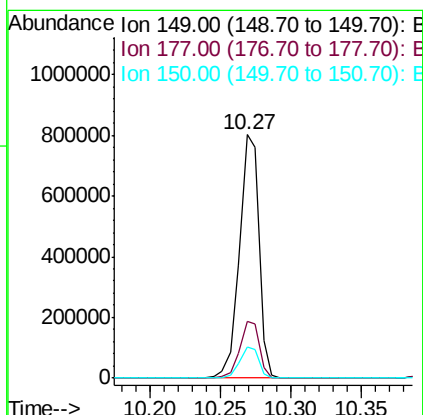
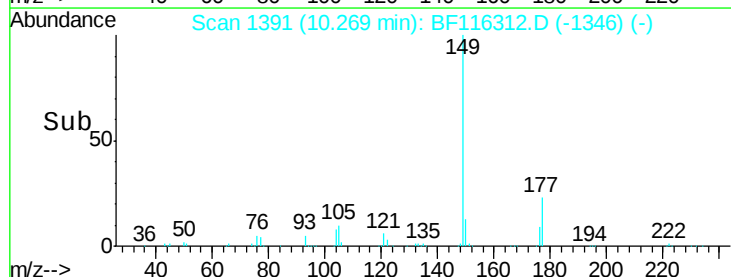
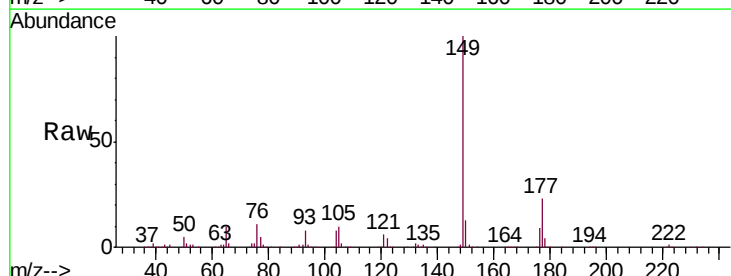
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

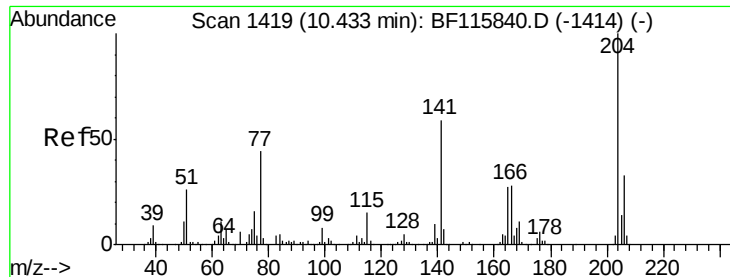
Tgt Ion:	232	Resp:	193205
Ion	Ratio	Lower	Upper
232	100		
131	44.5	36.2	54.2
130	2.3	1.9	2.9
166	28.7	23.0	34.4



#60
 Diethylphthalate
 Concen: 43.604 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion:	149	Resp:	772676
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.8	28.2
150	13.0	10.2	15.4

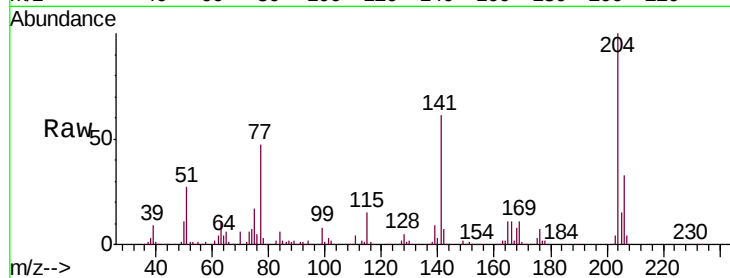




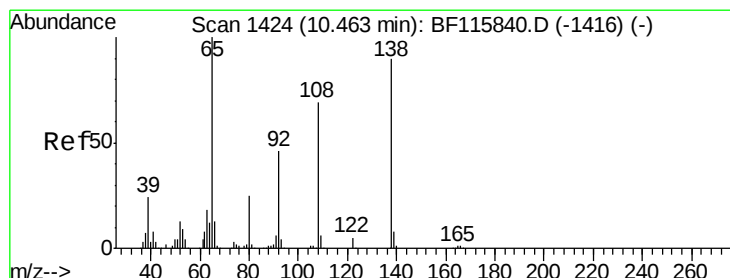
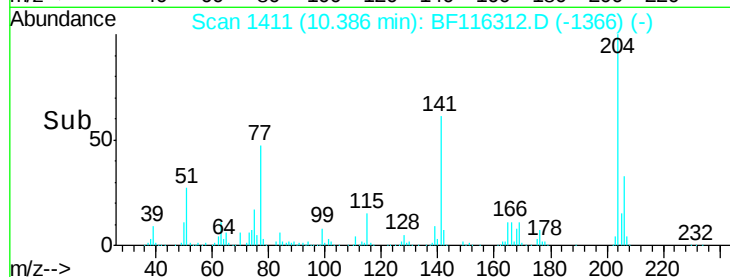
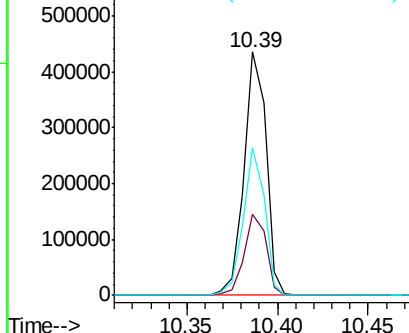
#61
 4-Chlorophenyl-phenylether
 Concen: 44.361 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	60.7	46.4	69.6

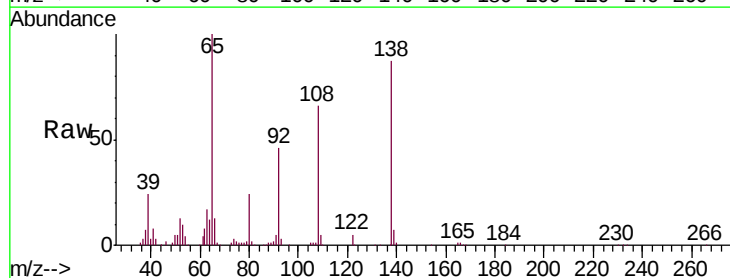


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

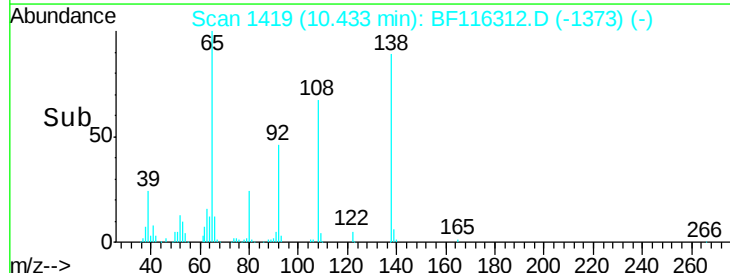
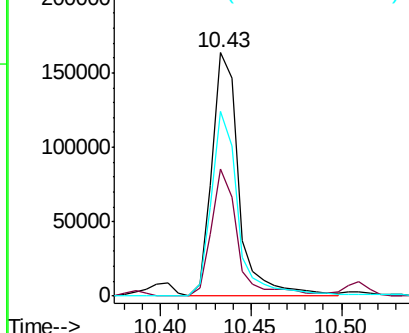


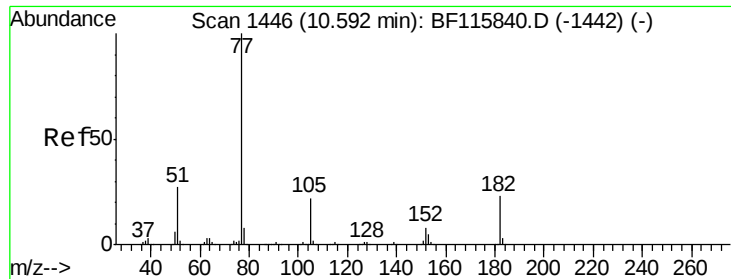
#62
 4-Nitroaniline
 Concen: 32.477 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	29.0	69.0
108	75.6	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: 43.939 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

Tgt Ion: 77 Resp: 800839

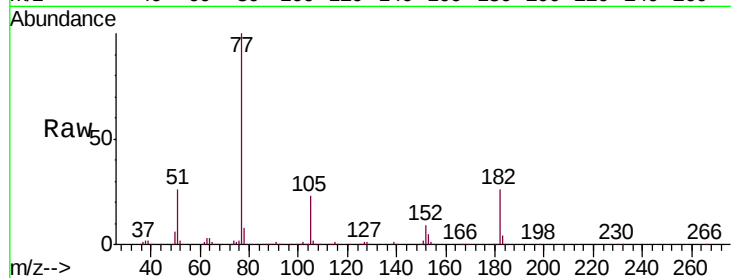
Ion Ratio Lower Upper

77 100

182 25.8 4.0 44.0

105 22.9 2.0 42.0

51 26.2 7.5 47.5

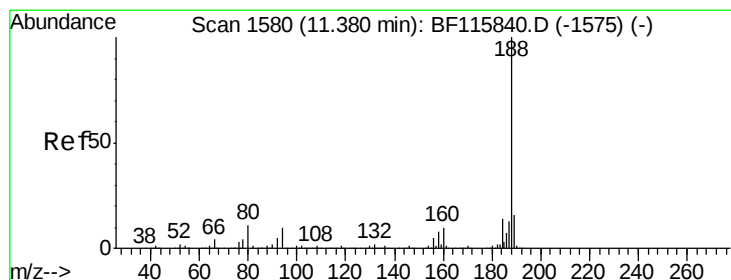
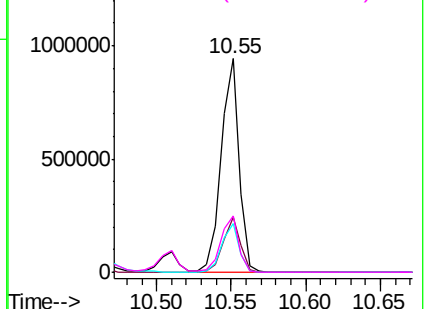
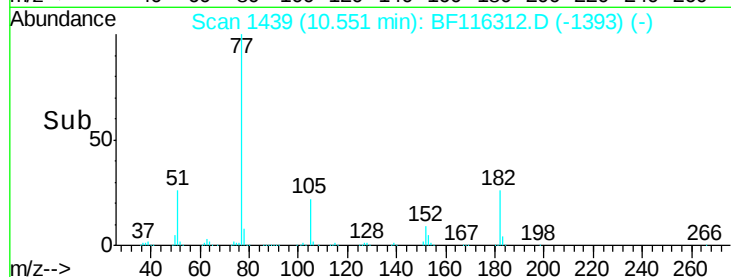


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

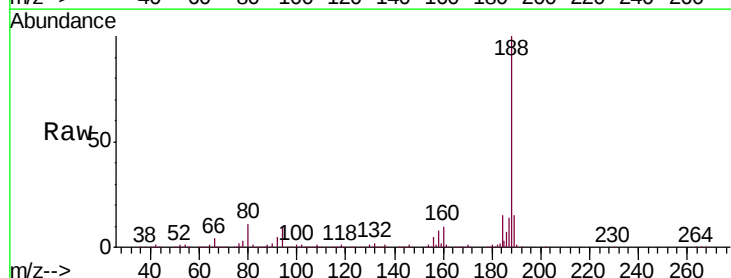
Tgt Ion: 188 Resp: 469723

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

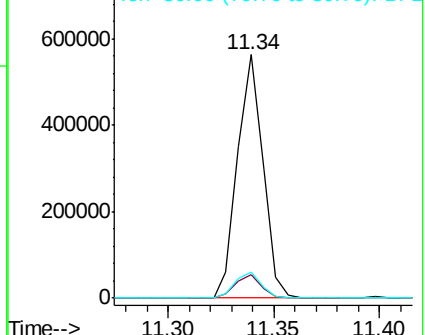
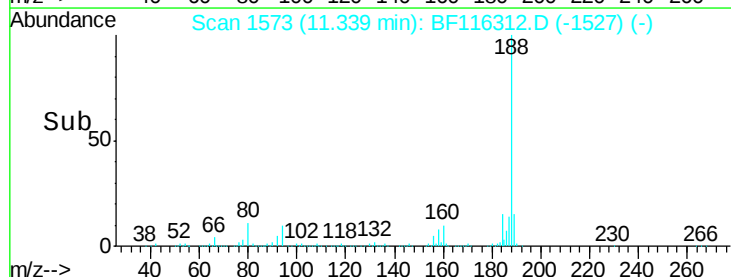
80 10.5 8.7 13.1

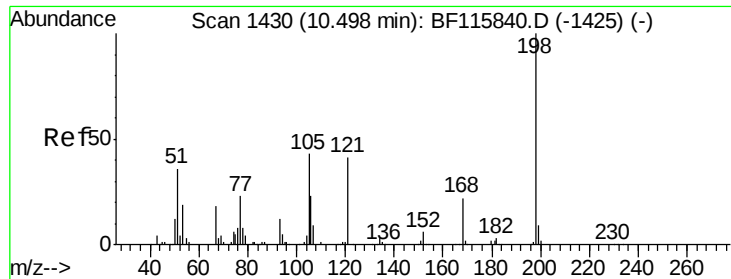


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.607 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

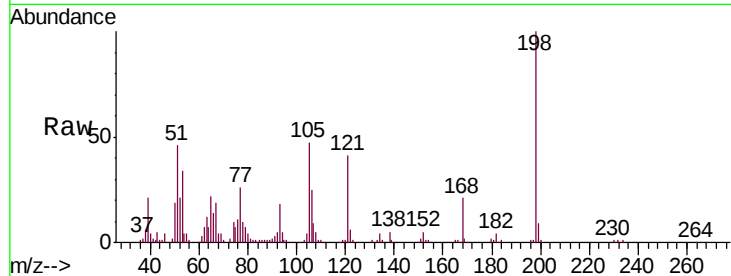
Tgt Ion:198 Resp: 106058

Ion Ratio Lower Upper

198 100

51 45.9 17.0 57.0

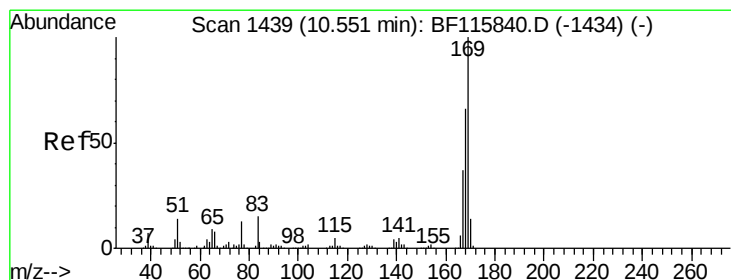
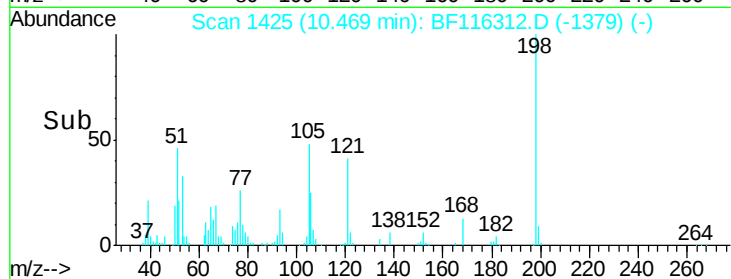
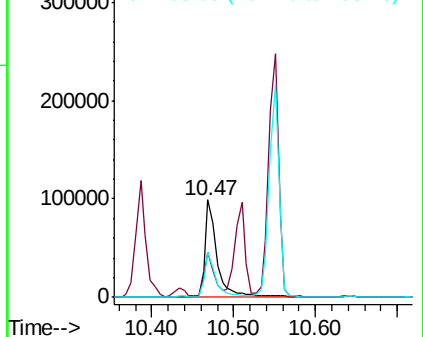
105 46.7 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.423 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

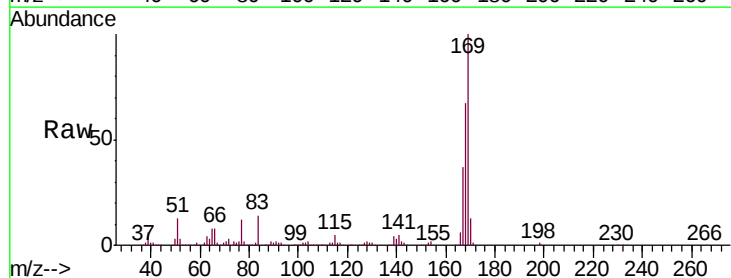
Tgt Ion:169 Resp: 642193

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

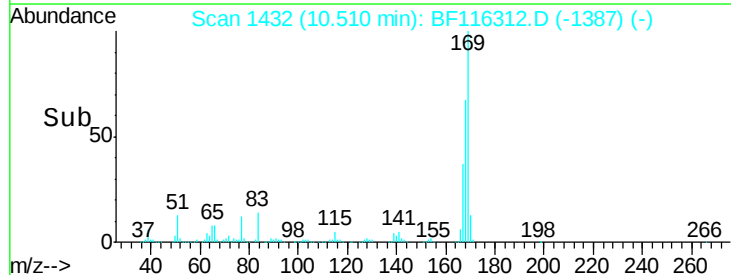
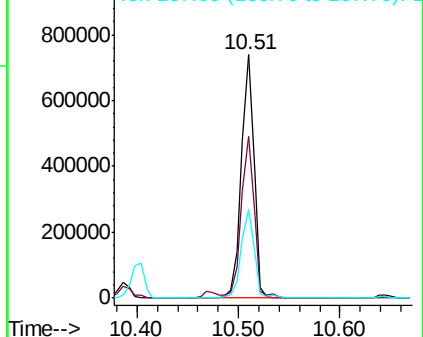
167 36.7 29.6 44.4

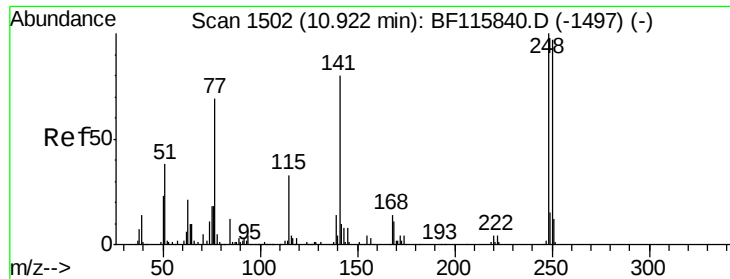


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

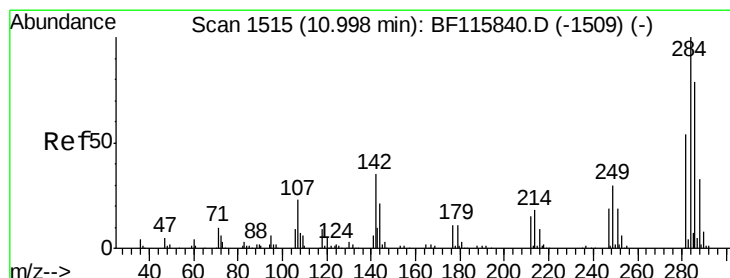
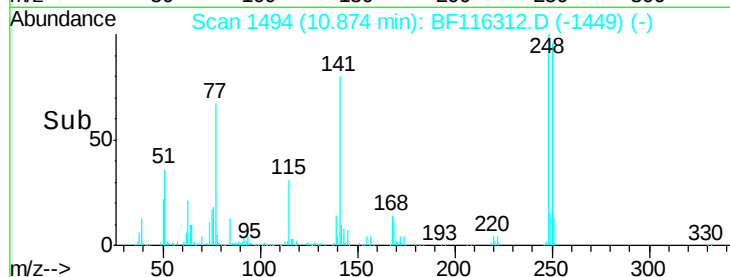
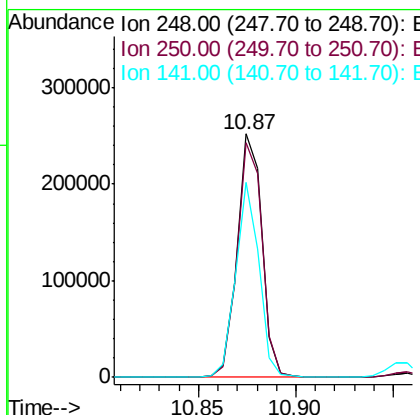
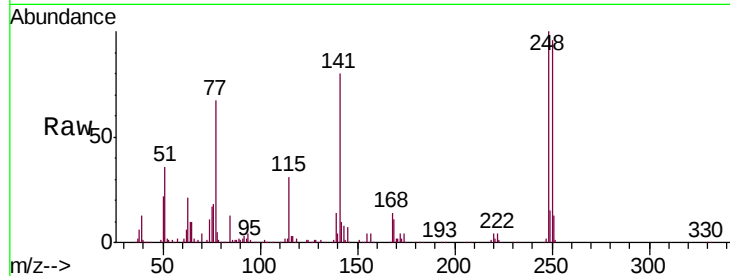




#67
4-Bromophenyl-phenylether
Concen: 44.133 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

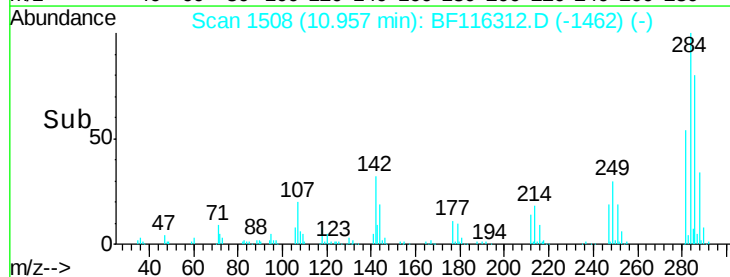
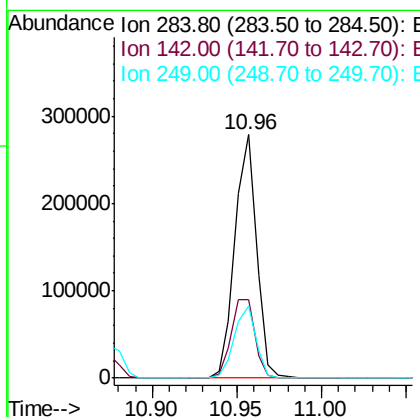
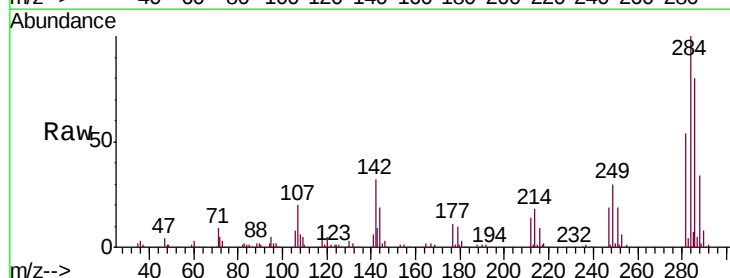
Instrument :
BNA_F
ClientSampleId :
PB122277BS

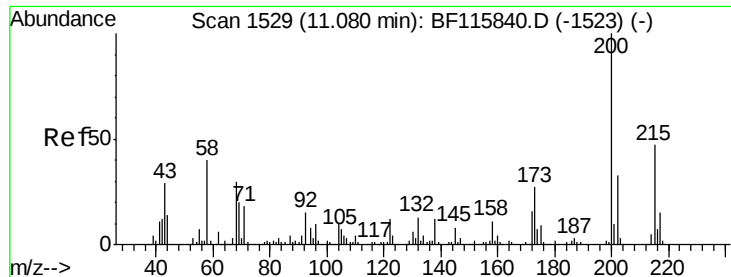
Tgt Ion:248 Resp: 221918
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.2
141 80.1 56.8 85.2



#68
Hexachlorobenzene
Concen: 42.592 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:284 Resp: 247650
Ion Ratio Lower Upper
284 100
142 32.3 28.4 42.6
249 29.9 24.5 36.7





#69

Atrazine

Concen: 41.608 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

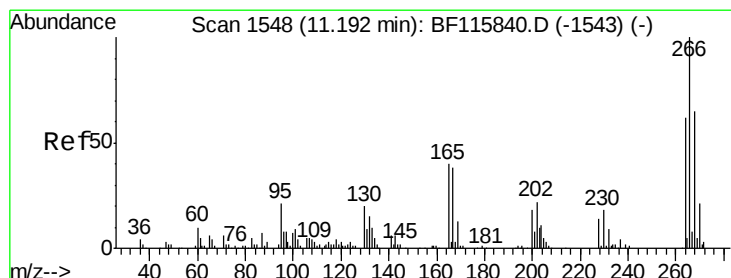
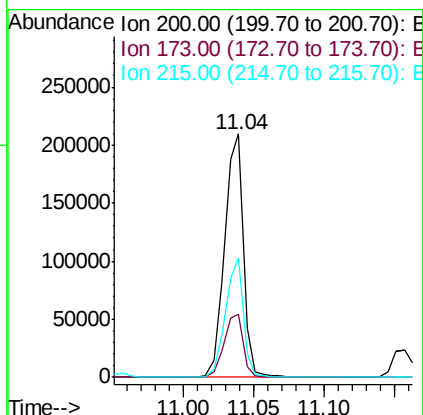
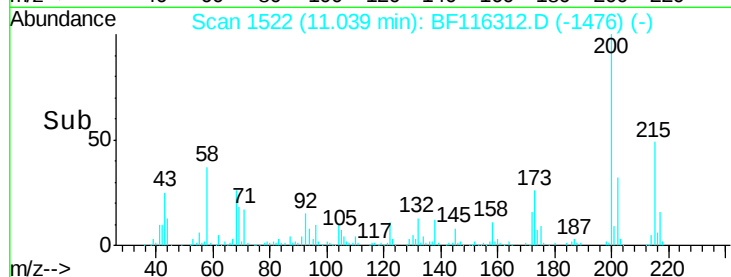
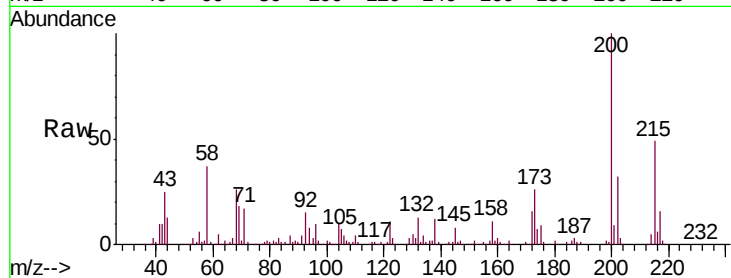
Tgt Ion:200 Resp: 193528

Ion Ratio Lower Upper

200 100

173 25.9 6.8 46.8

215 49.0 27.5 67.5



#70

Pentachlorophenol

Concen: 64.291 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

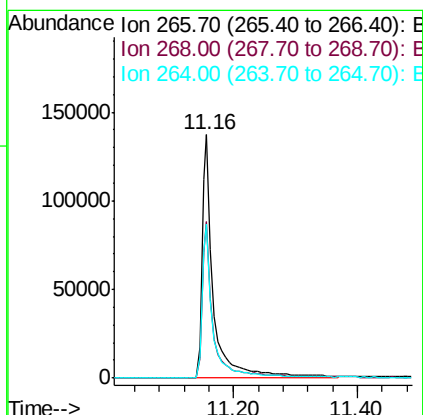
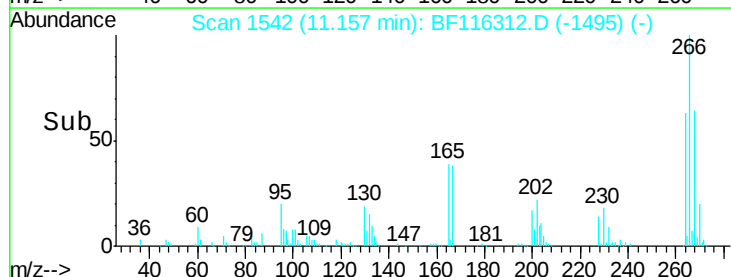
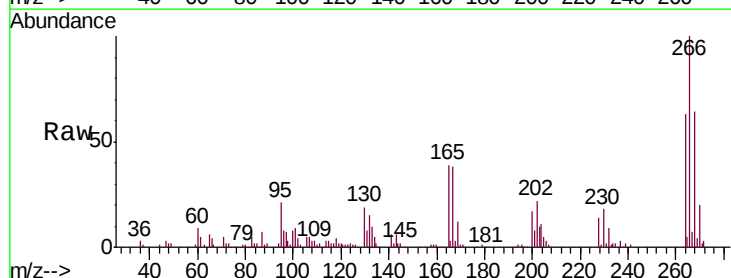
Tgt Ion:266 Resp: 181490

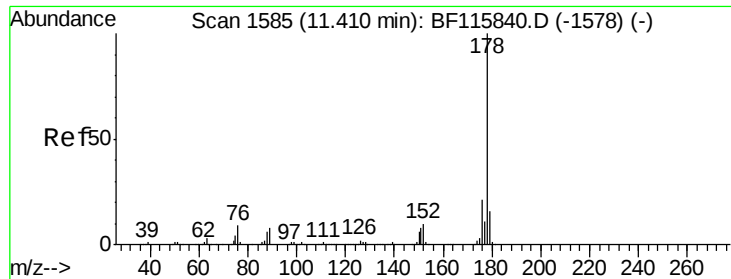
Ion Ratio Lower Upper

266 100

268 64.2 48.8 73.2

264 63.4 50.6 76.0





#71

Phenanthrene

Concen: 43.789 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

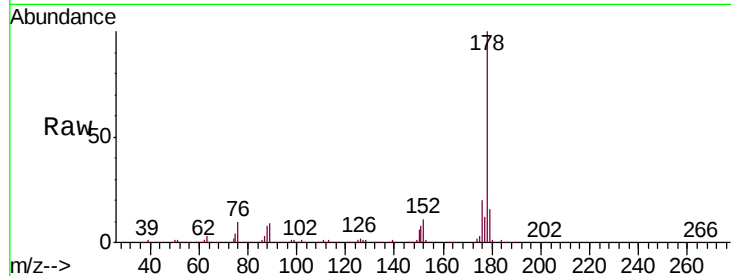
Tgt Ion:178 Resp: 1051518

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

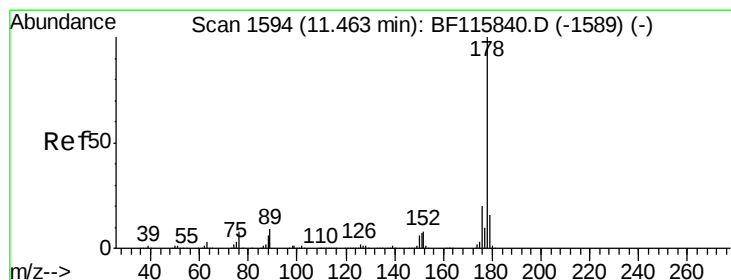
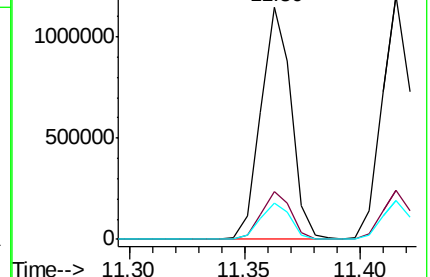
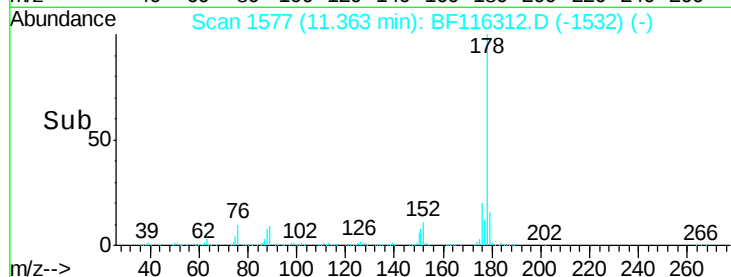
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.800 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

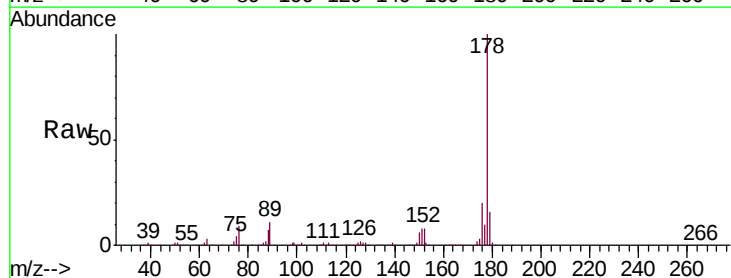
Tgt Ion:178 Resp: 1088759

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

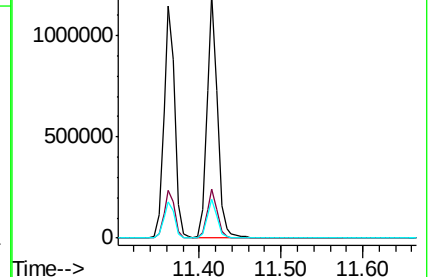
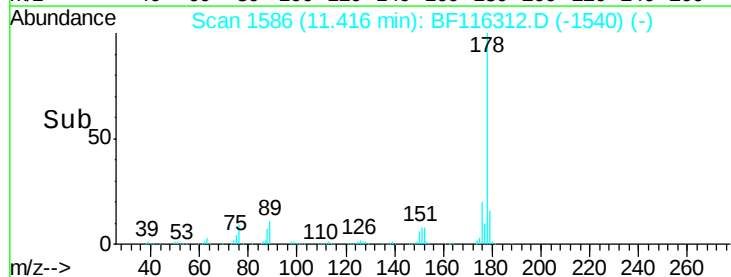
179 15.9 13.0 19.6

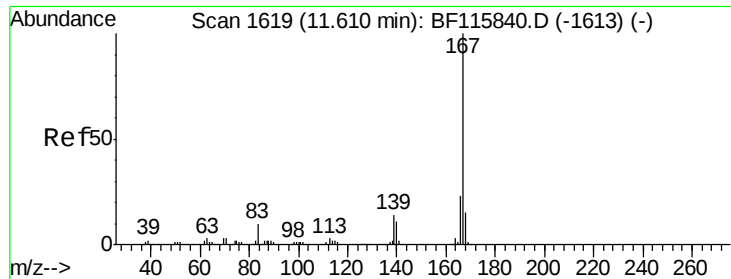


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

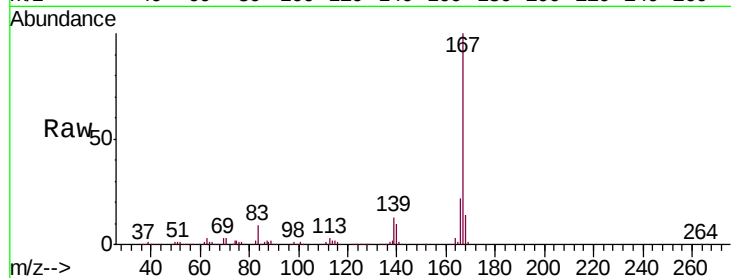




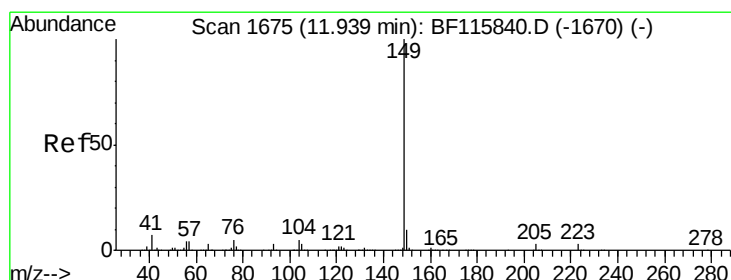
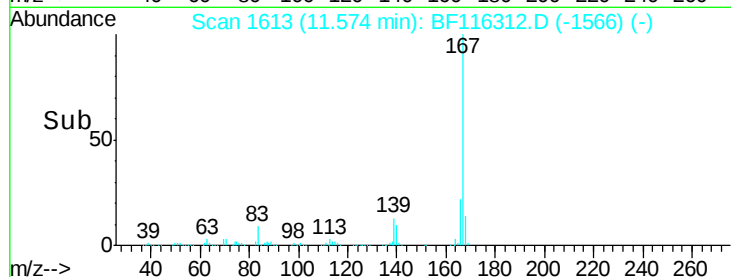
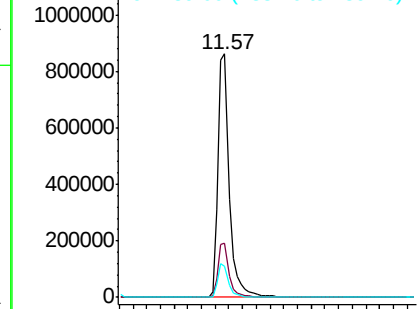
#73
 Carbazole
 Concen: 43.931 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.0	11.4	17.0

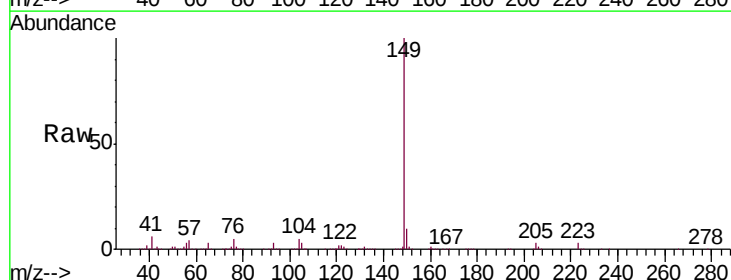


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

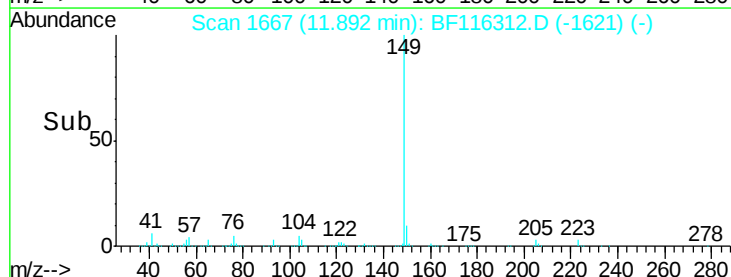
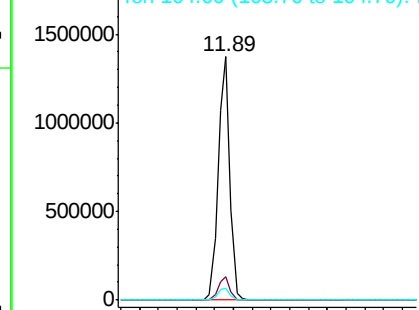


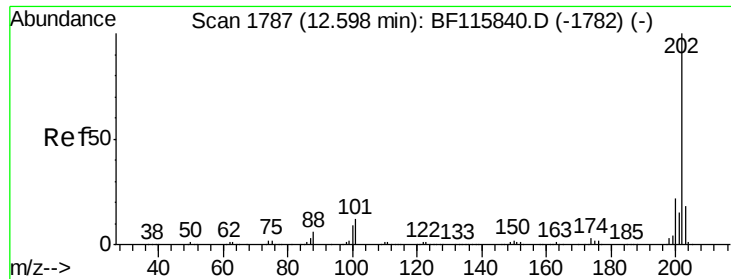
#74
 Di-n-butylphthalate
 Concen: 46.593 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.1	4.5	6.7



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

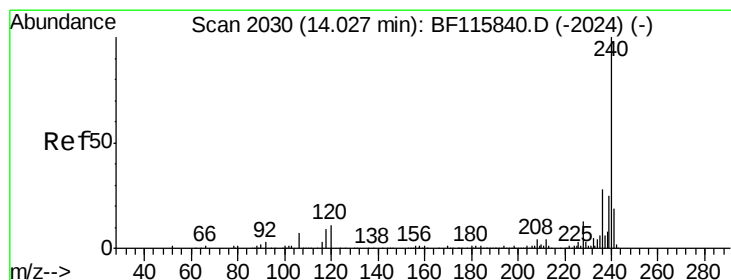
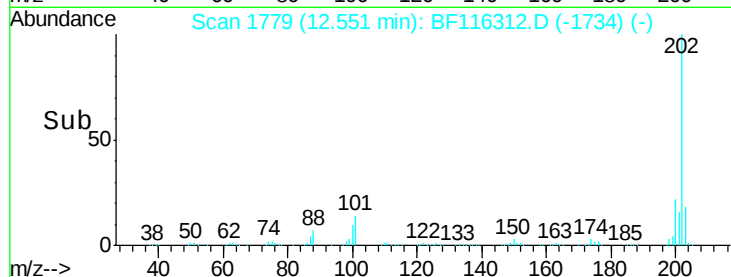
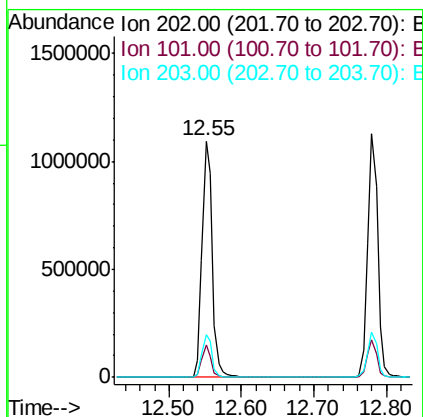
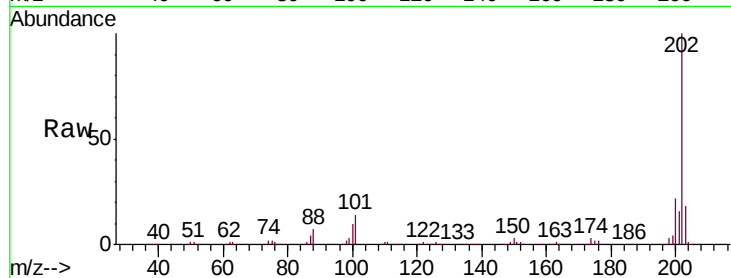




#75
 Fluoranthene
 Concen: 42.626 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

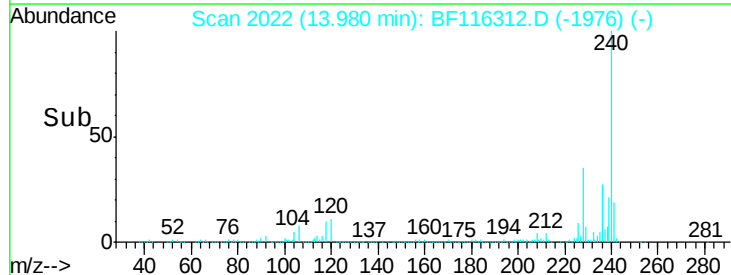
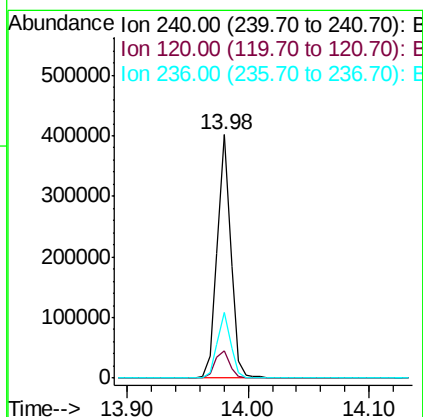
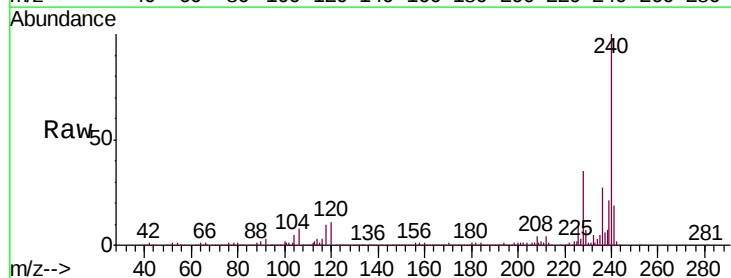
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

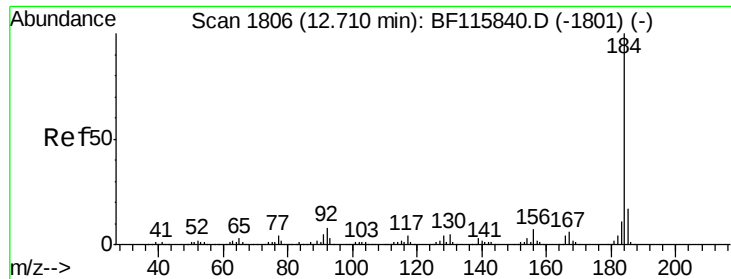
Tgt Ion: 202 Resp: 1071593
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 31.2
 203 18.3 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion: 240 Resp: 308439
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.7 16.1
 236 27.0 22.2 33.2





#77

Benzidine

Concen: 26.351 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

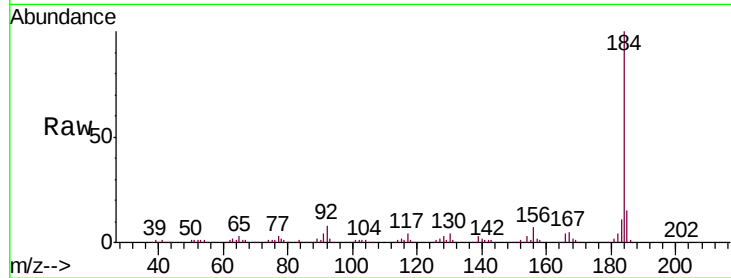
Tgt Ion:184 Resp: 274589

Ion Ratio Lower Upper

184 100

185 15.4 12.8 19.2

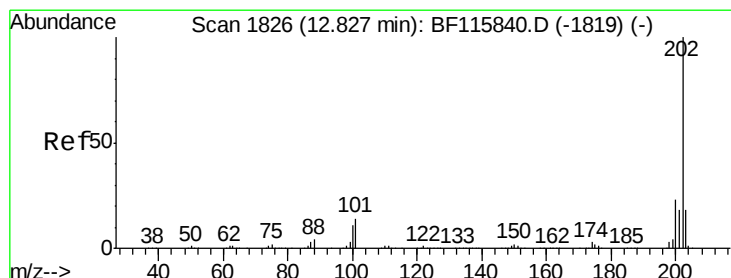
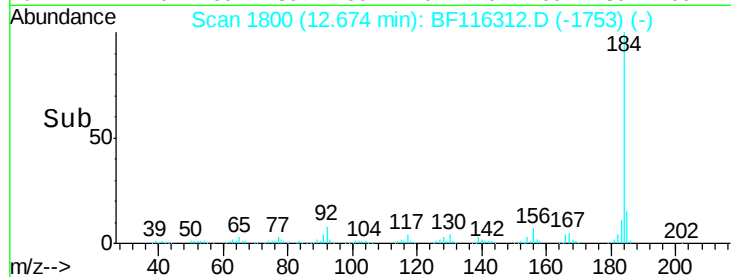
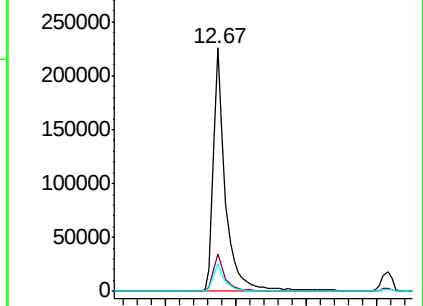
183 11.1 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.047 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

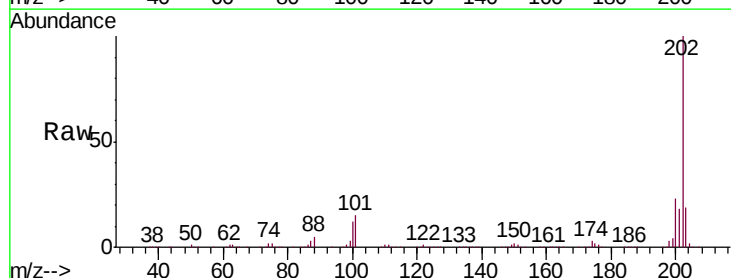
Tgt Ion:202 Resp: 1093863

Ion Ratio Lower Upper

202 100

200 22.8 18.0 27.0

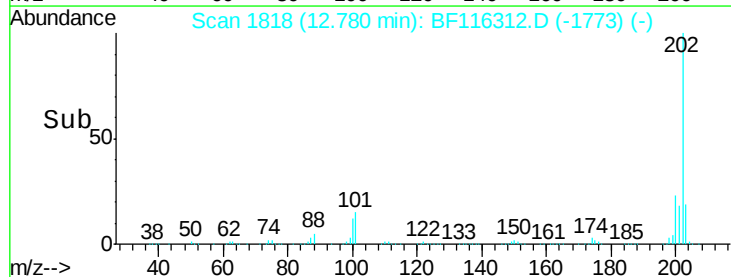
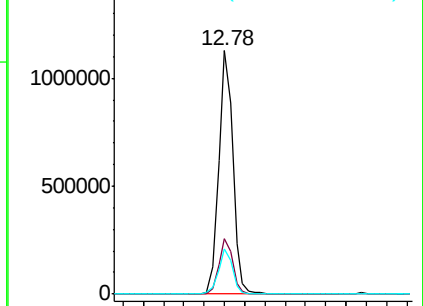
203 18.6 14.1 21.1

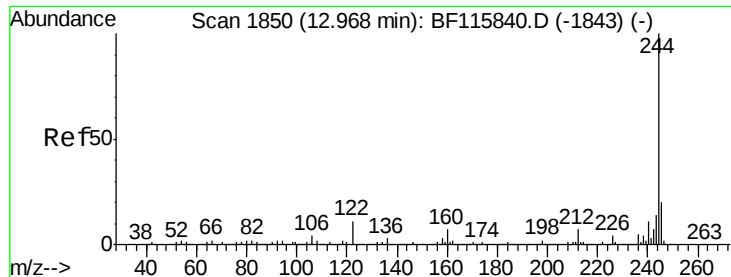


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

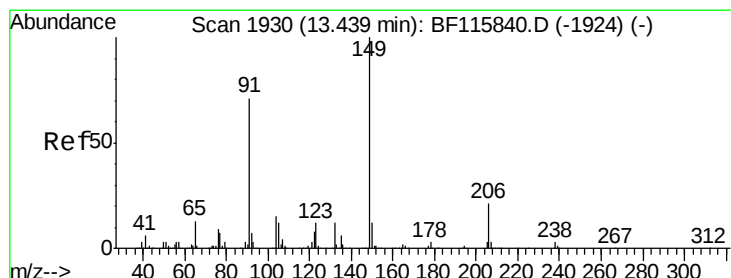
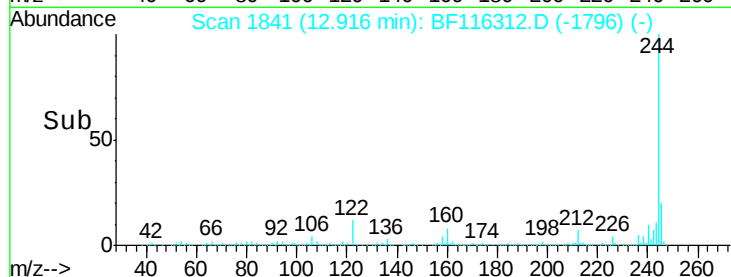
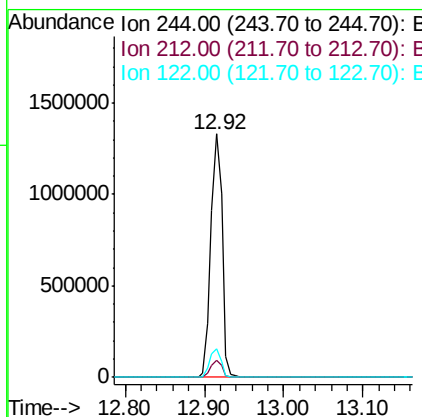
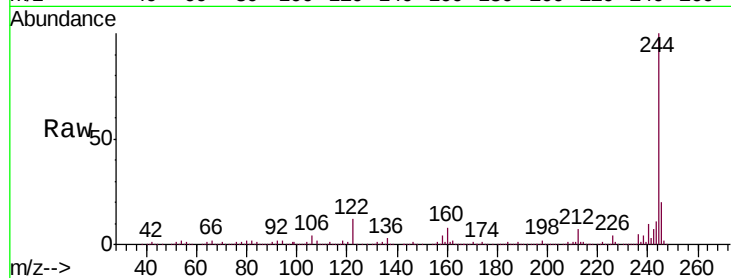




#79
 Terphenyl-d14
 Concen: 90.091 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

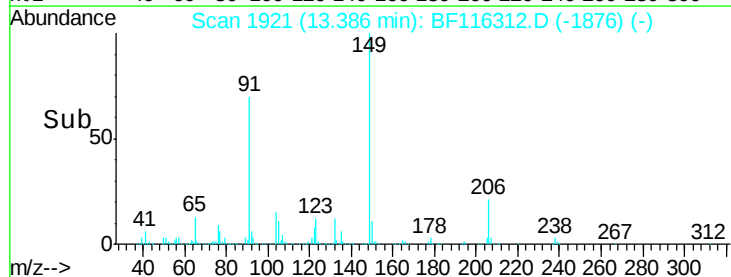
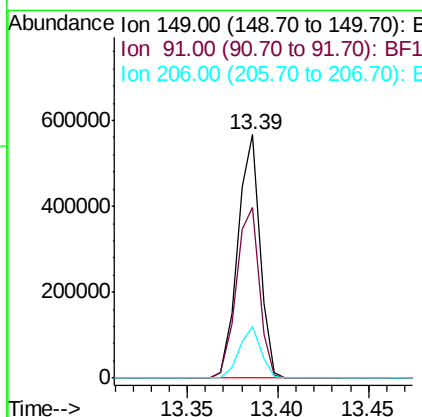
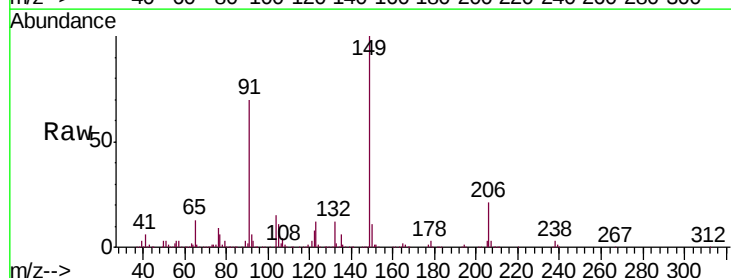
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

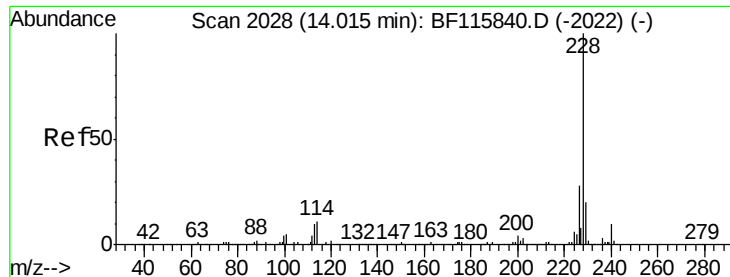
Tgt Ion: 244 Resp: 1318713
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 49.157 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion: 149 Resp: 483468
 Ion Ratio Lower Upper
 149 100
 91 70.1 56.3 84.5
 206 21.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 43.323 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

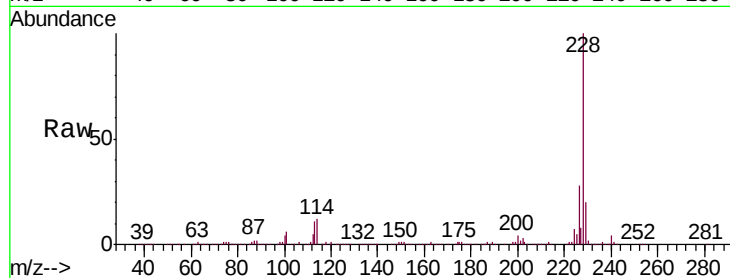
Tgt Ion:228 Resp: 854093

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

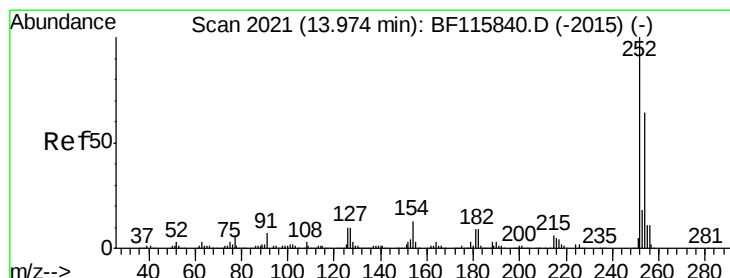
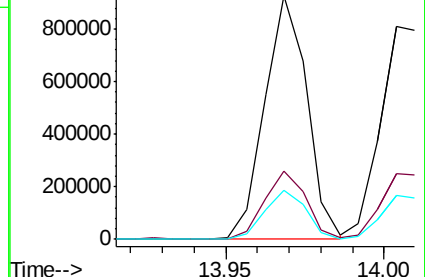
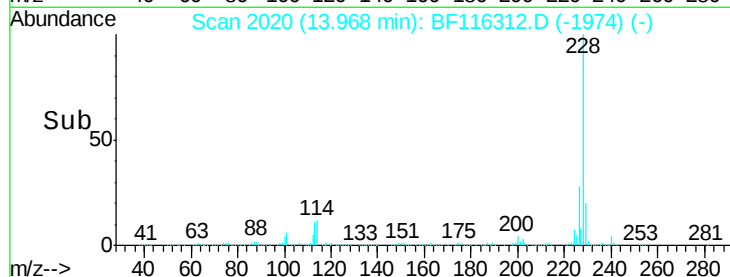
229 20.1 16.2 24.4



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: 38.509 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

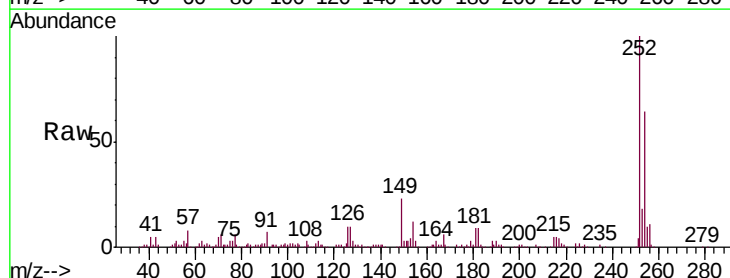
Tgt Ion:252 Resp: 263753

Ion Ratio Lower Upper

252 100

254 64.0 50.9 76.3

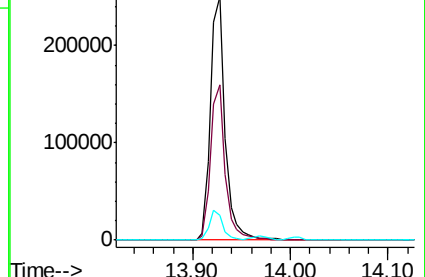
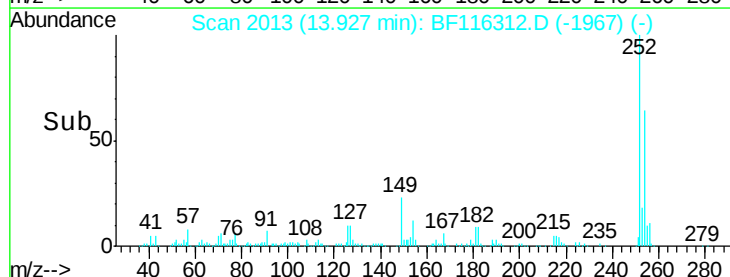
126 10.3 9.8 14.8

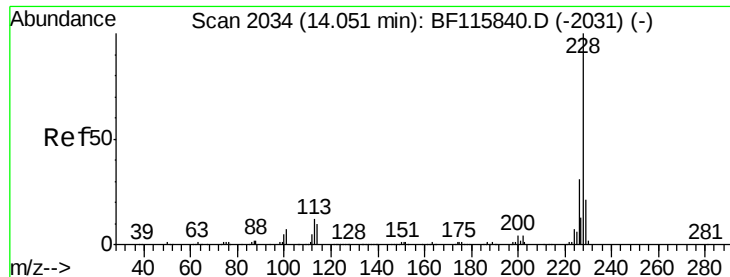


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.458 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

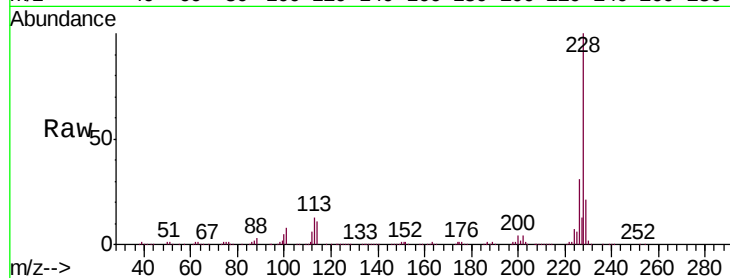
Tgt Ion:228 Resp: 850907

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

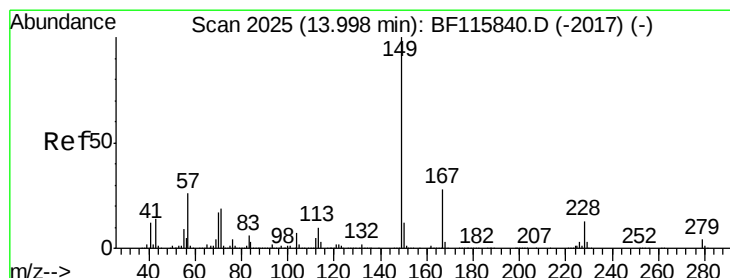
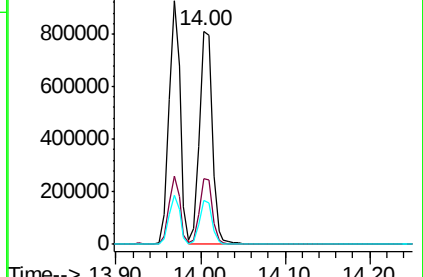
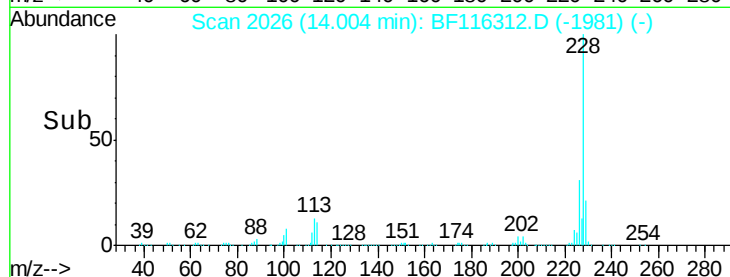
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.030 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

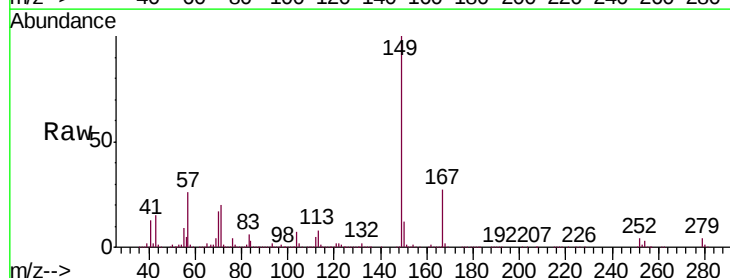
Tgt Ion:149 Resp: 677762

Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

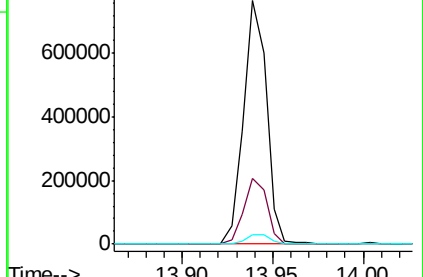
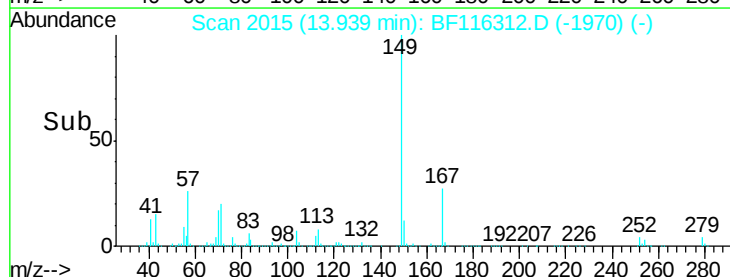
279 3.7 3.0 4.4

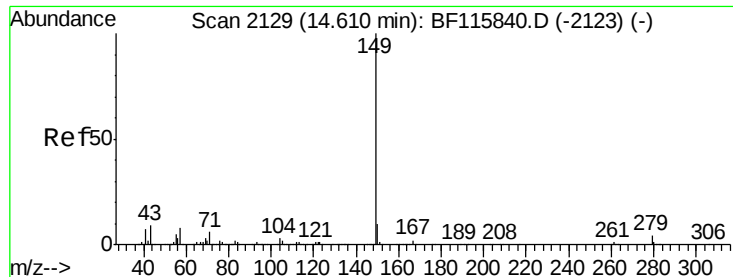


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

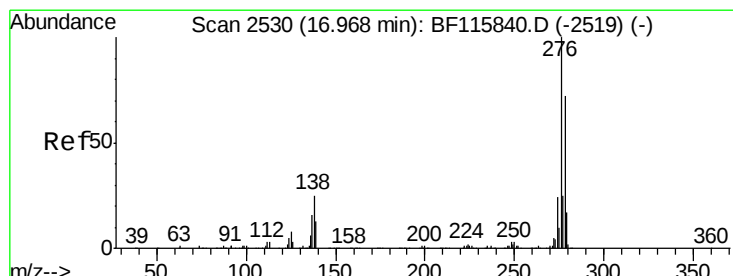
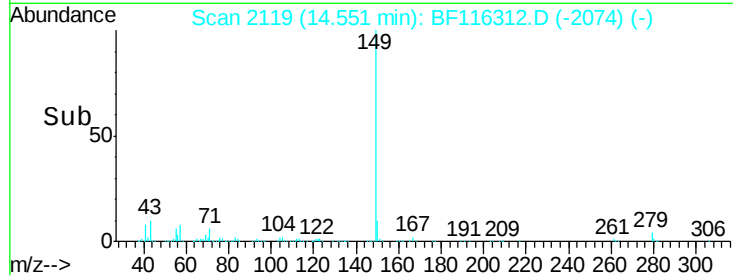
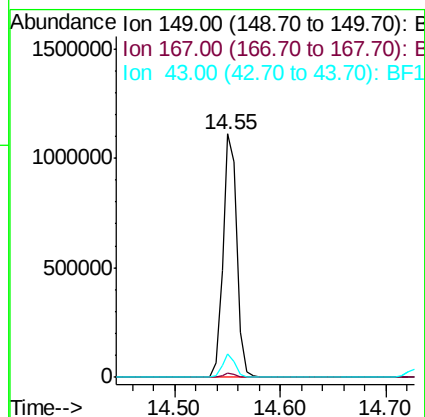
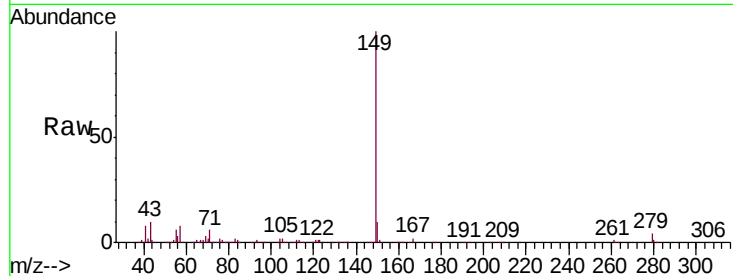




#85
 Di-n-octyl phthalate
 Concen: 50.757 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

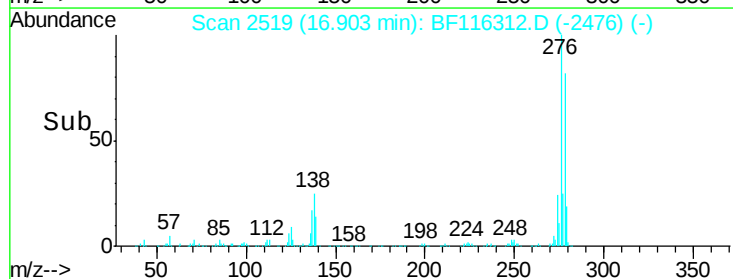
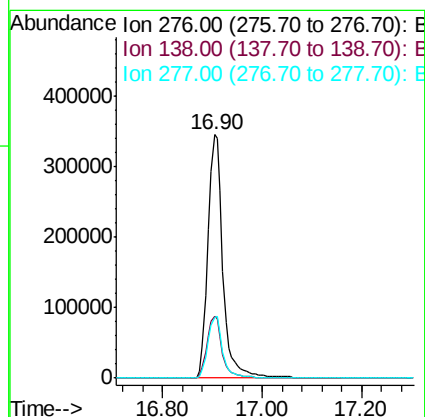
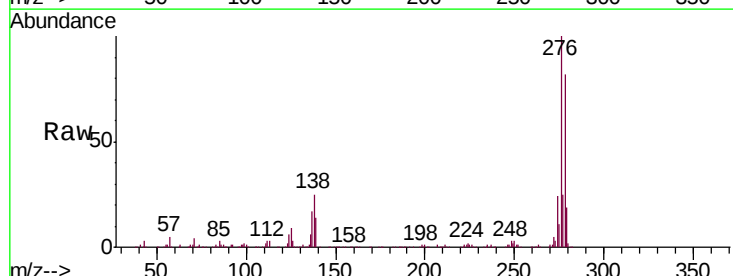
Instrument :
 BNA_F
 ClientSampleID :
 PB122277BS

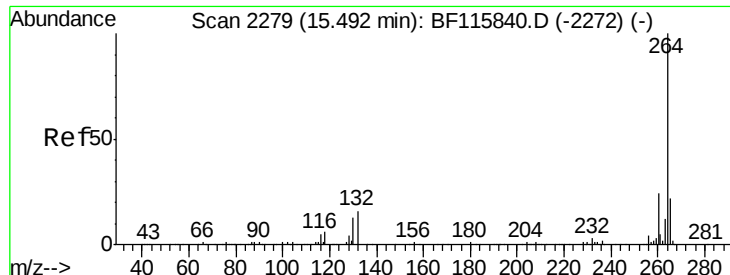
Tgt Ion:149 Resp: 1030383
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.0 7.5 11.3



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 45.506 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion:276 Resp: 731512
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.4 30.6
 277 24.9 20.0 30.0

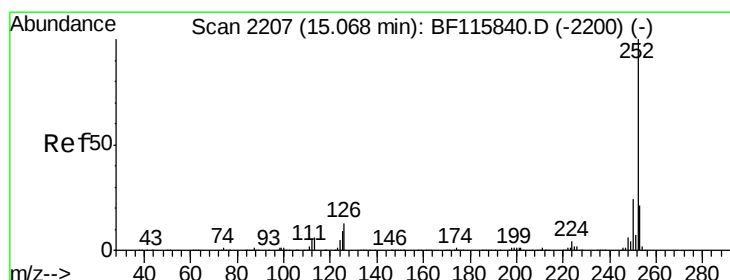
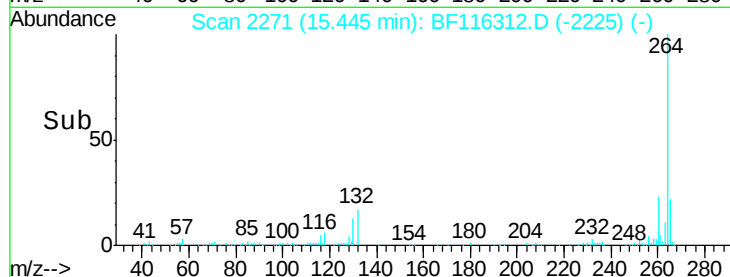
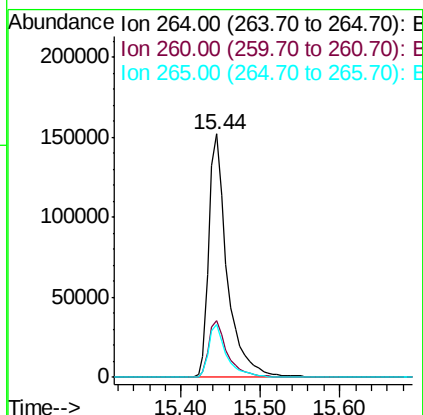
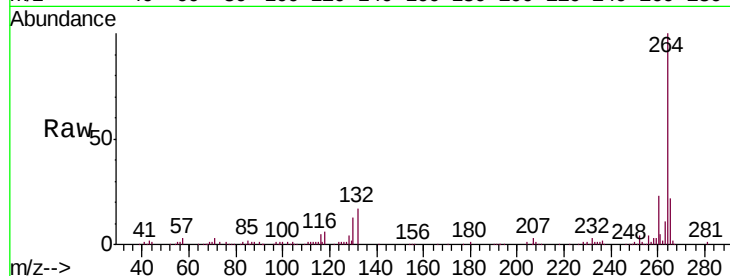




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

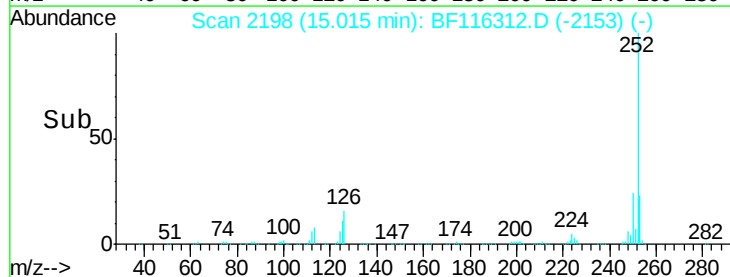
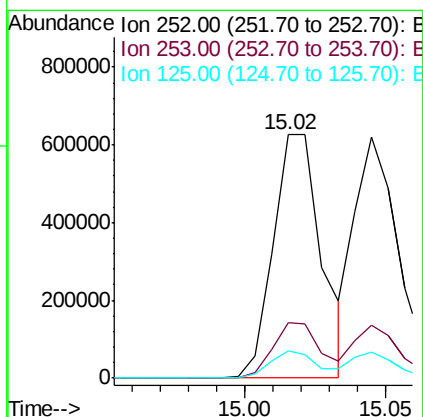
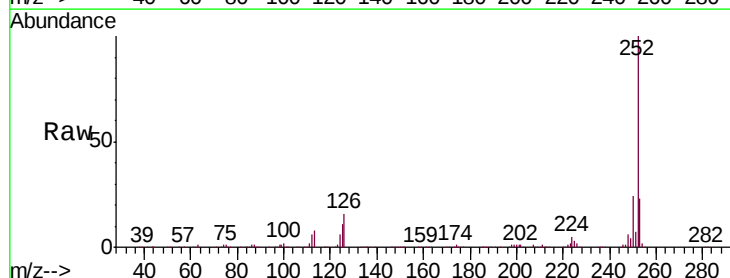
Instrument :
 BNA_F
 ClientSampleId :
 PB122277BS

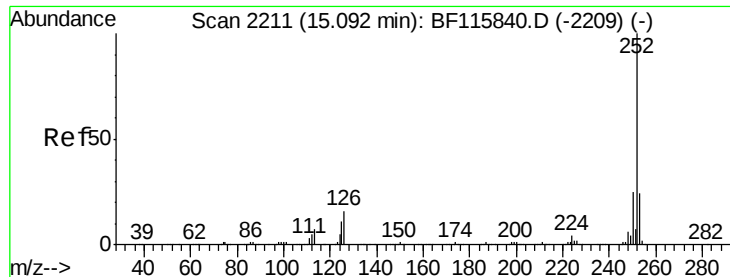
Tgt Ion: 264 Resp: 245269
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.7 29.5
 265 21.5 17.4 26.0



#88
 Benzo(b)fluoranthene
 Concen: 52.610 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BF116312.D
 Acq: 16 Aug 2019 10:38

Tgt Ion: 252 Resp: 746099
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.8
 125 11.4 8.4 12.6

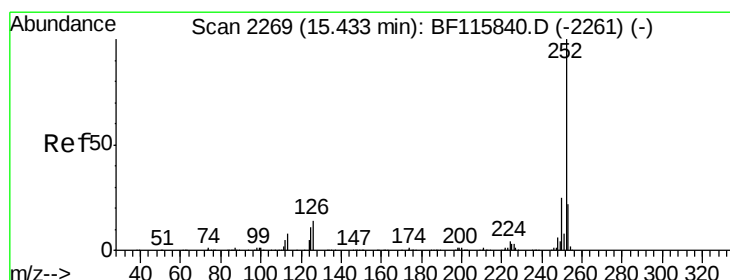
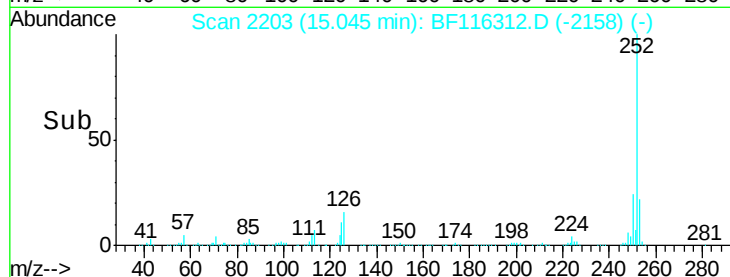
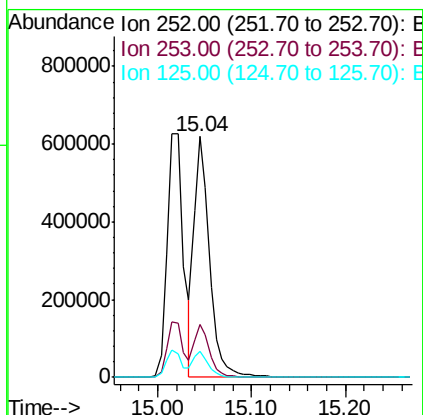
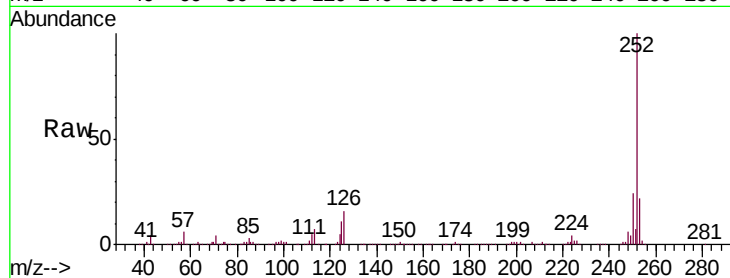




#89
Benzo(k)fluoranthene
Concen: 51.155 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

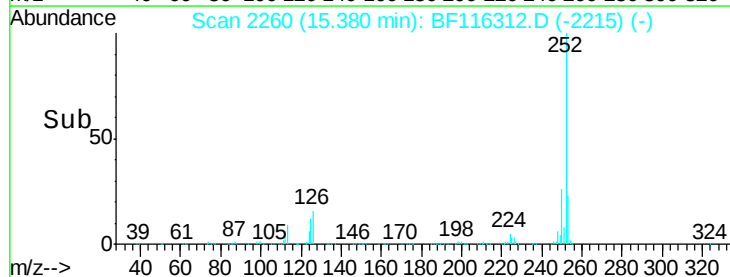
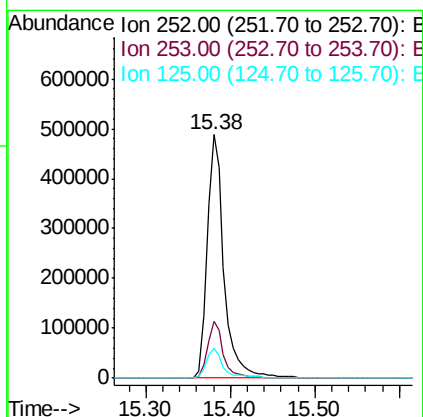
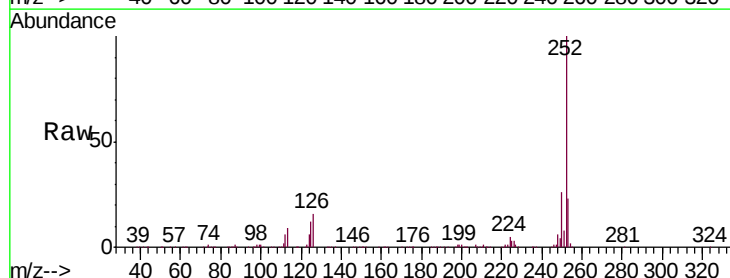
Instrument :
BNA_F
ClientSampleId :
PB122277BS

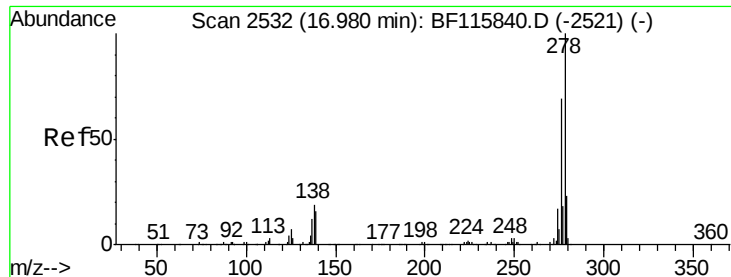
Tgt Ion:252 Resp: 706611
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 53.568 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116312.D
Acq: 16 Aug 2019 10:38

Tgt Ion:252 Resp: 679109
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 12.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 56.793 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB122277BS

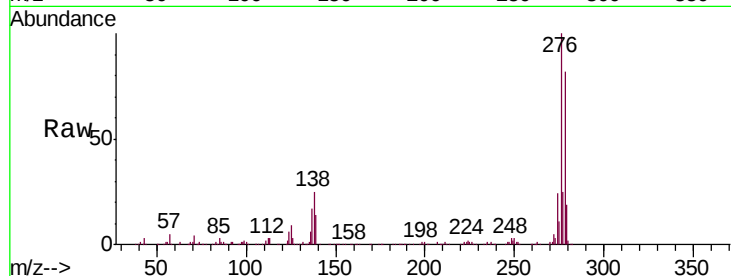
Tgt Ion:278 Resp: 623230

Ion Ratio Lower Upper

278 100

139 17.5 12.8 19.2

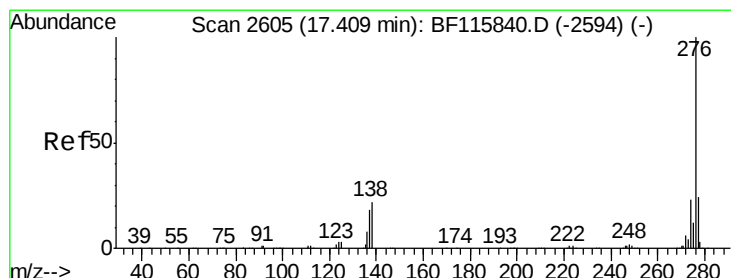
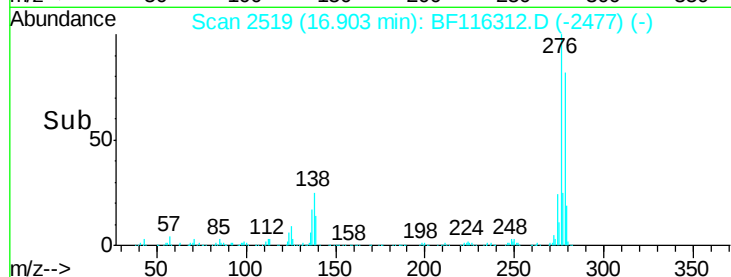
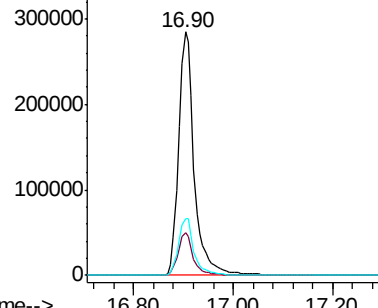
279 23.5 18.8 28.2



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: 57.241 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.04 min

Lab File: BF116312.D

Acq: 16 Aug 2019 10:38

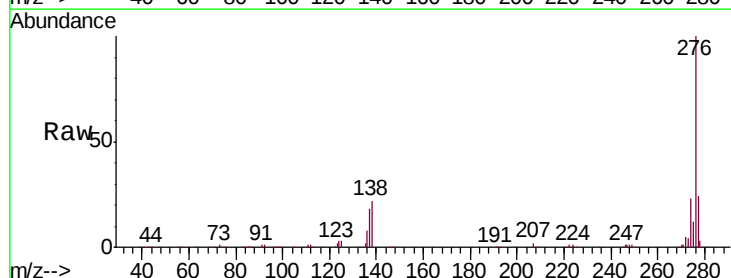
Tgt Ion:276 Resp: 616900

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 22.2 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

