

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116423.D
 Acq On : 20 Aug 2019 9:56
 Operator : HP/JU
 Sample : PB122344BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Quant Time: Aug 20 15:07:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122340	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	505653	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	271201	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	469317	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	328983	20.00	ng	-0.01
87) Perylene-d12	15.42	264	257920	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	815760	111.63	ng	0.00
7) Phenol-d6	6.46	99	980861	106.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	643918	73.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	276792	105.27	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1120110	77.36	ng	-0.01
79) Terphenyl-d14	12.90	244	1246947	79.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	134694	36.484	ng	98
3) Pyridine	3.40	79	297062	28.804	ng	97
4) n-Nitrosodimethylamine	3.33	42	142617	35.042	ng	98
6) Aniline	6.47	93	346262	26.223	ng	# 51
8) 2-Chlorophenol	6.60	128	340553	42.142	ng	97
9) Benzaldehyde	6.37	77	76869	12.083	ng	99
10) Phenol	6.47	94	420043	38.686	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	322263	40.370	ng	96
12) 1,3-Dichlorobenzene	6.75	146	358536	38.390	ng	99
13) 1,4-Dichlorobenzene	6.82	146	367294	39.278	ng	98
14) 1,2-Dichlorobenzene	6.97	146	339115	39.384	ng	99
15) Benzyl Alcohol	6.96	79	271153	38.751	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	418984	38.479	ng	59
17) 2-Methylphenol	7.07	107	278110	40.643	ng	# 90
18) Hexachloroethane	7.31	117	133014	38.634	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	238649	41.769	ng	99
20) 3+4-Methylphenols	7.23	107	365373	45.122	ng	# 77
22) Acetophenone	7.22	105	467049	42.116	ng	# 93
24) Nitrobenzene	7.39	77	376218	39.775	ng	99
25) Isophorone	7.63	82	679871	40.588	ng	98
26) 2-Nitrophenol	7.71	139	182764	40.991	ng	95
27) 2,4-Dimethylphenol	7.75	122	301098	44.886	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	417278	40.192	ng	100
29) 2,4-Dichlorophenol	7.96	162	289161	40.826	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	311304	38.558	ng	99
31) Naphthalene	8.10	128	977745	41.090	ng	99
32) Benzoic acid	7.91	122	156889	33.173	ng	98
33) 4-Chloroaniline	8.16	127	287742	27.064	ng	98
34) Hexachlorobutadiene	8.22	225	175991	37.844	ng	98
35) Caprolactam	8.54	113	43628	19.045	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	301234	40.882	ng	99
37) 2-Methylnaphthalene	8.80	142	641311	40.923	ng	99
38) 1-Methylnaphthalene	8.90	142	605897	40.869	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	297728	41.064	ng	100

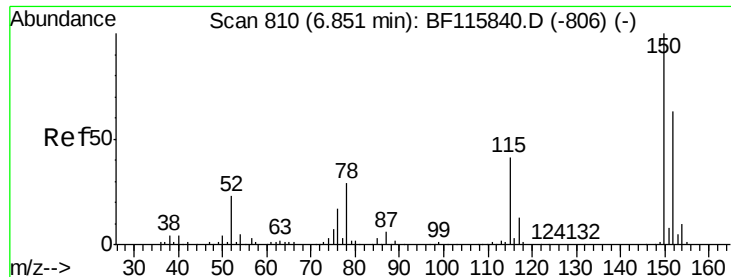
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116423.D
 Acq On : 20 Aug 2019 9:56
 Operator : HP/JU
 Sample : PB122344BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Quant Time: Aug 20 15:07:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	110801	37.444	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	183361	36.742	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	189919	36.816	ng	97
46) 1,1'-Biphenyl	9.26	154	791405	41.334	ng	100
47) 2-Chloronaphthalene	9.29	162	621294	38.987	ng	100
48) 2-Nitroaniline	9.39	65	193495	36.735	ng	95
49) Acenaphthylene	9.70	152	926520	39.853	ng	98
50) Dimethylphthalate	9.56	163	717934	38.879	ng	100
51) 2,6-Dinitrotoluene	9.63	165	159487	39.743	ng #	82
52) Acenaphthene	9.87	154	564264	39.562	ng	99
53) 3-Nitroaniline	9.80	138	132775	26.777	ng	100
54) 2,4-Dinitrophenol	9.93	184	108120	55.613	ng	99
55) Dibenzofuran	10.05	168	792796	38.222	ng	99
56) 4-Nitrophenol	9.99	139	178555	56.213	ng	93
57) 2,4-Dinitrotoluene	10.05	165	196347	36.749	ng	92
58) Fluorene	10.39	166	657979	41.231	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	171571	39.532	ng	96
60) Diethylphthalate	10.26	149	695595	40.347	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	331676	41.039	ng	100
62) 4-Nitroaniline	10.42	138	153974	30.048	ng	98
63) Azobenzene	10.53	77	721933	40.712	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	97529	39.214	ng	100
66) n-Nitrosodiphenylamine	10.50	169	581241	41.147	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	199038	39.617	ng	98
68) Hexachlorobenzene	10.94	284	222345	38.273	ng	96
69) Atrazine	11.02	200	172366	37.091	ng	99
70) Pentachlorophenol	11.15	266	157412	55.810	ng	99
71) Phenanthrene	11.35	178	958219	39.938	ng	99
72) Anthracene	11.40	178	984432	40.543	ng	99
73) Carbazole	11.56	167	880385	39.964	ng	100
74) Di-n-butylphthalate	11.87	149	1112650	43.297	ng	99
75) Fluoranthene	12.54	202	1008250	40.141	ng	98
77) Benzidine	12.66	184	202051	18.179	ng	99
78) Pyrene	12.77	202	1029381	41.509	ng	100
80) Butylbenzylphthalate	13.37	149	469967	44.801	ng	98
81) Benzo(a)anthracene	13.96	228	841429	40.016	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	261820	35.840	ng	100
83) Chrysene	13.99	228	822249	40.278	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	661009	48.490	ng	98
85) Di-n-octyl phthalate	14.53	149	1048776	48.437	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	710505	41.439	ng	99
88) Benzo(b)fluoranthene	15.00	252	766508	51.398	ng	99
89) Benzo(k)fluoranthene	15.03	252	683517	47.056	ng	98
90) Benzo(a)pyrene	15.36	252	684513	51.346	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	606220	52.534	ng	98
92) Benzo(g,h,i)perylene	17.32	276	600426	52.980	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

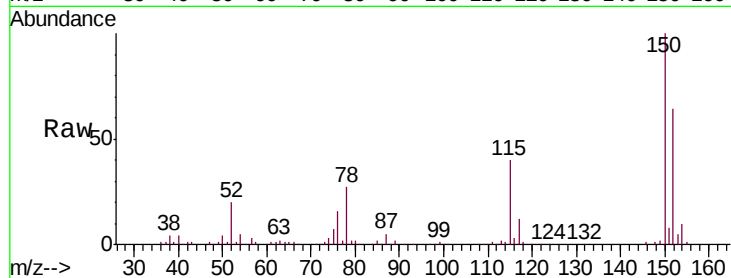
Tgt Ion: 152 Resp: 122340

Ion Ratio Lower Upper

152 100

150 155.1 126.2 189.2

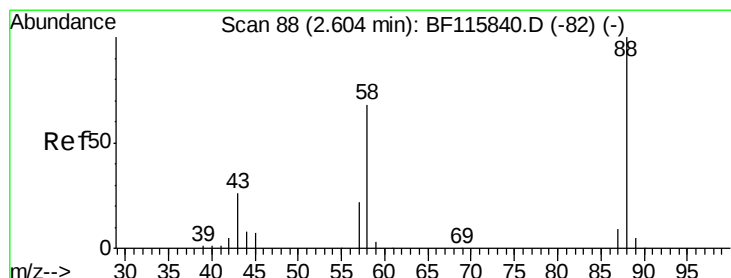
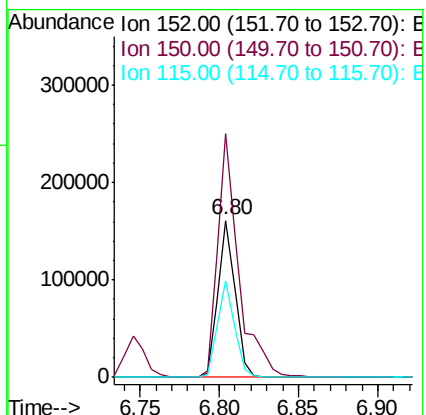
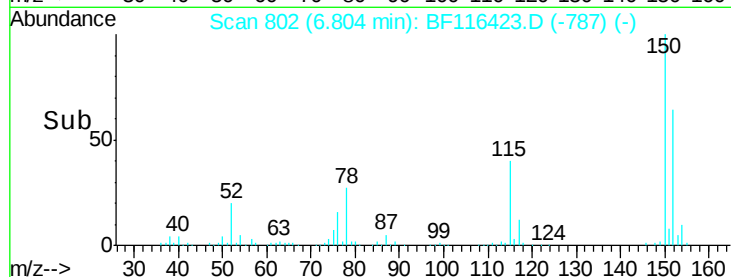
115 61.6 49.9 74.9



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: 36.484 ng

RT: 2.63 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

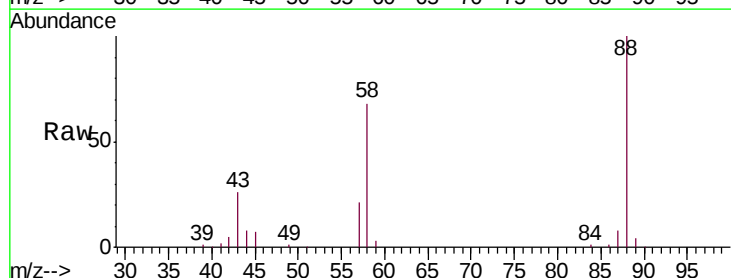
Tgt Ion: 88 Resp: 134694

Ion Ratio Lower Upper

88 100

58 69.5 53.7 80.5

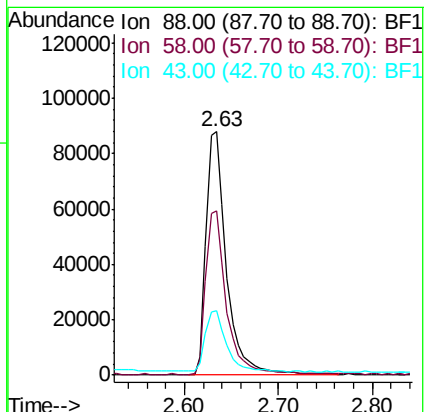
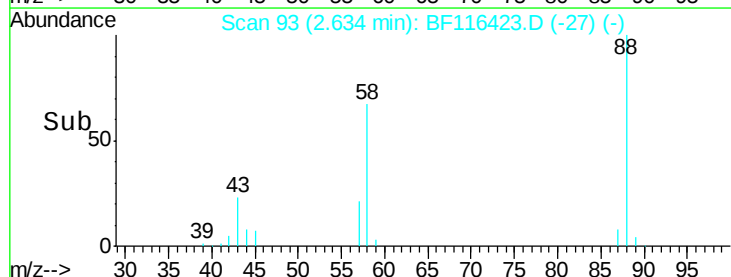
43 26.0 21.0 31.4

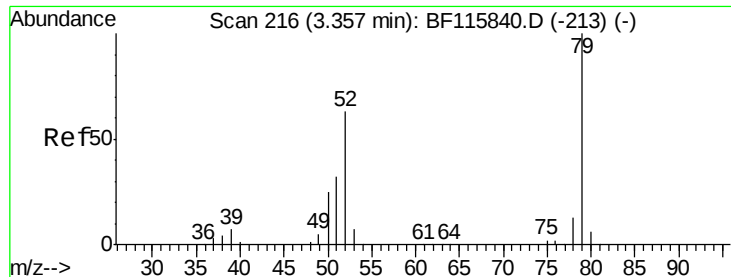


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.804 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

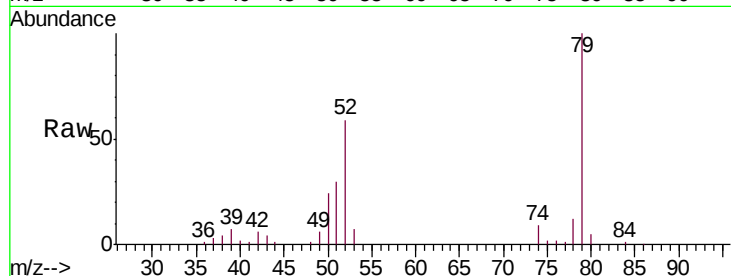
Tgt Ion: 79 Resp: 297062

Ion Ratio Lower Upper

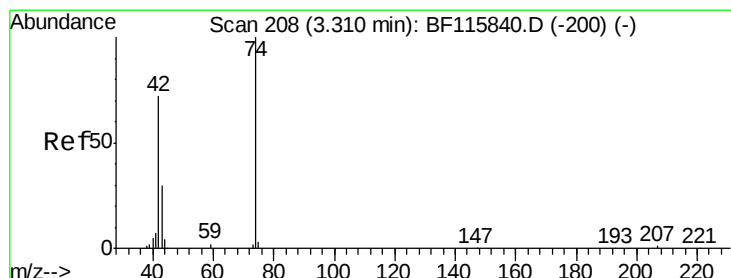
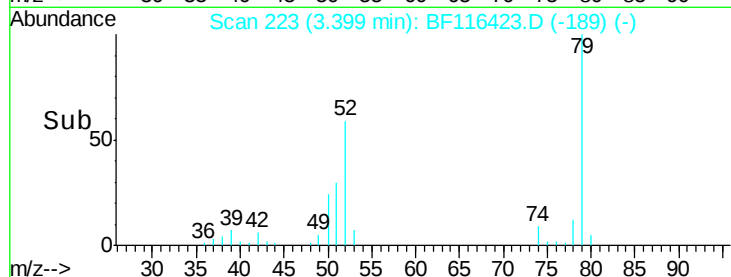
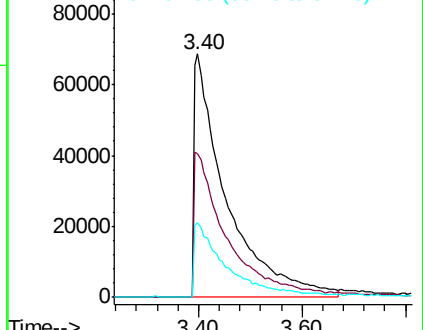
79 100

52 59.3 49.8 74.8

51 30.4 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 35.042 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

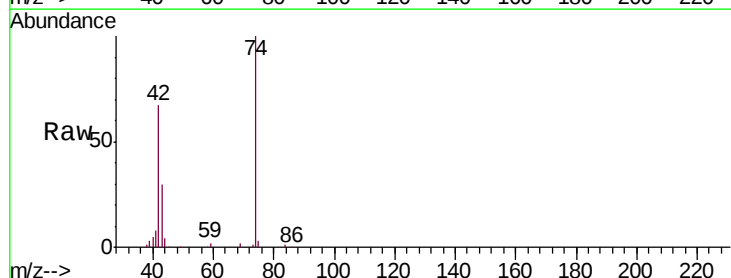
Tgt Ion: 42 Resp: 142617

Ion Ratio Lower Upper

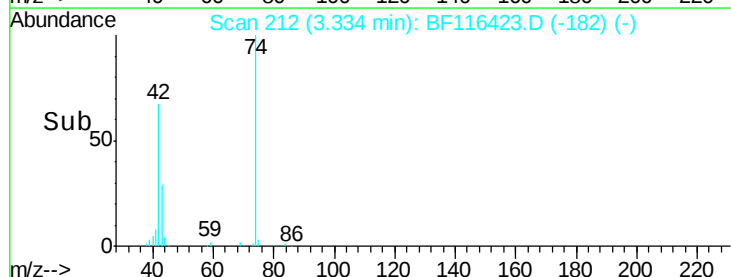
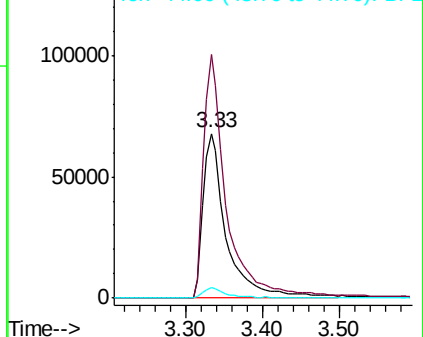
42 100

74 148.2 116.0 174.0

44 6.1 4.6 7.0



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





#5

2-Fluorophenol

Concen: 111.626 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

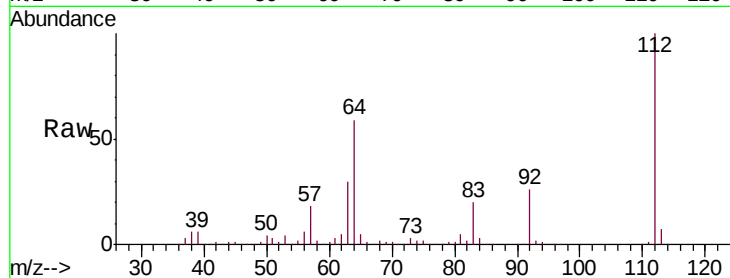
Tgt Ion: 112 Resp: 815760

Ion Ratio Lower Upper

112 100

64 58.7 45.4 68.2

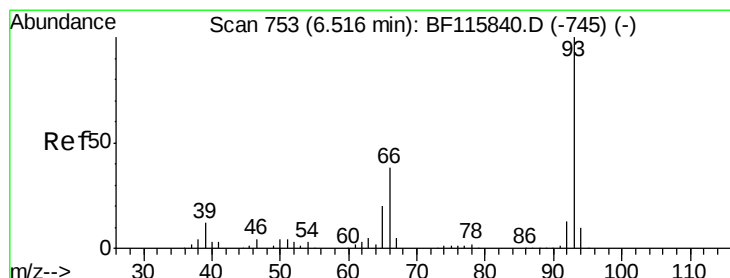
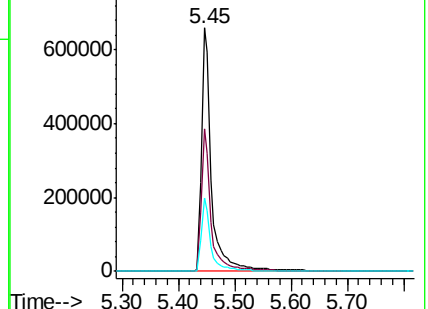
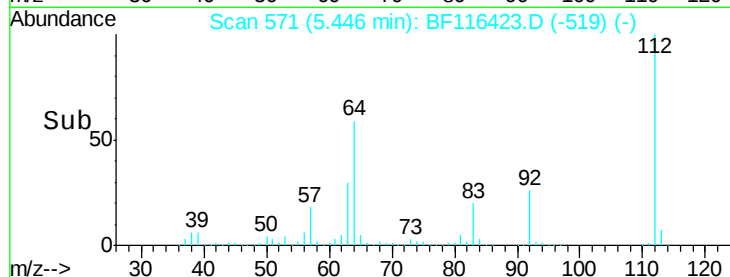
63 29.9 23.7 35.5



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: 26.223 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

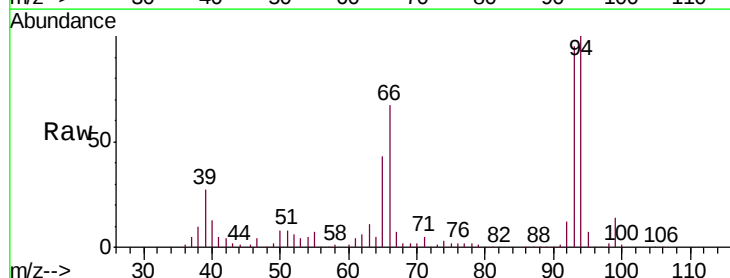
Tgt Ion: 93 Resp: 346262

Ion Ratio Lower Upper

93 100

66 70.4 32.2 48.4#

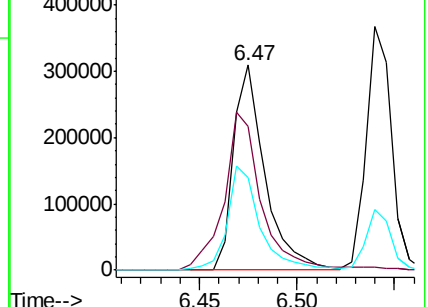
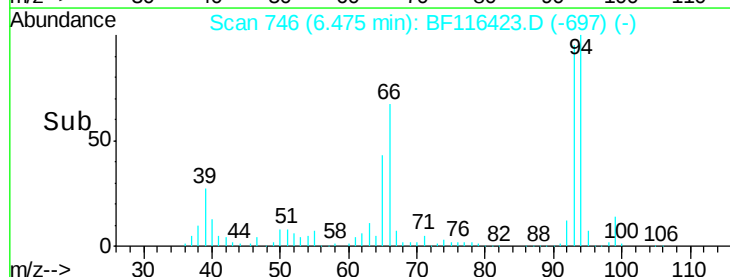
65 44.9 17.0 25.6#

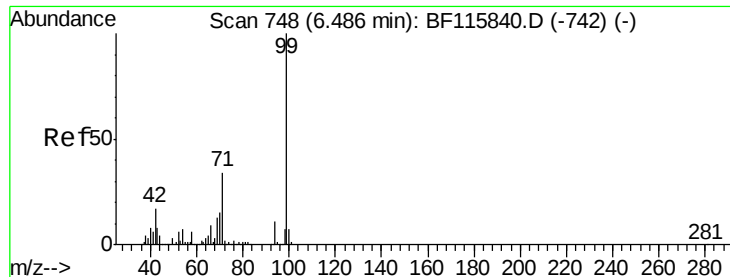


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.381 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

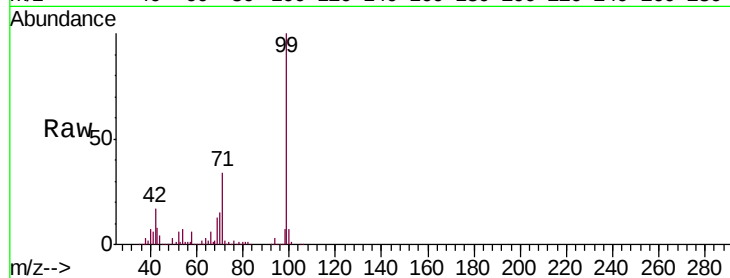
Tgt Ion: 99 Resp: 980861

Ion Ratio Lower Upper

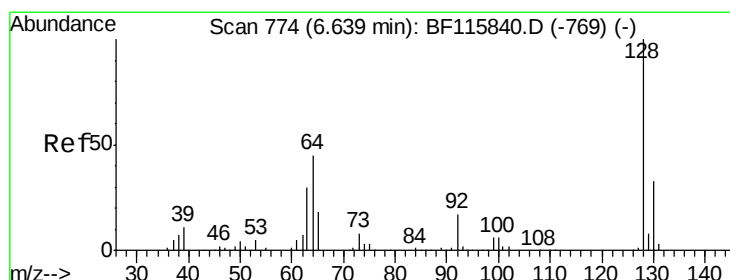
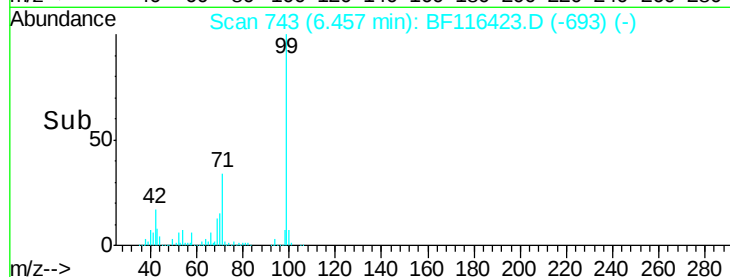
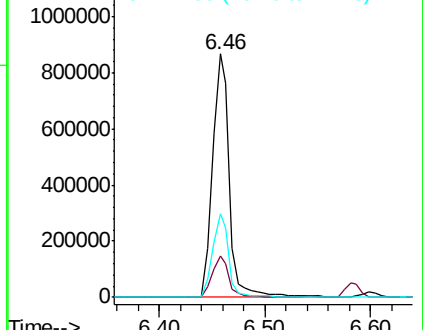
99 100

42 17.0 13.8 20.8

71 34.1 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: 42.142 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

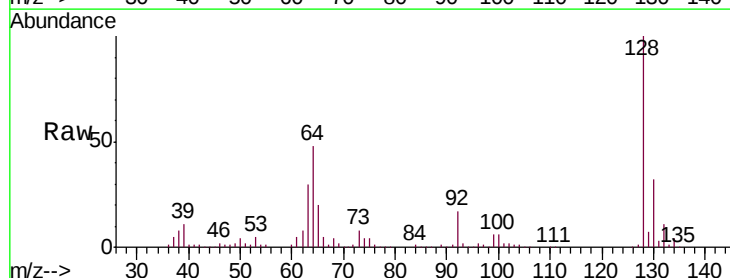
Tgt Ion: 128 Resp: 340553

Ion Ratio Lower Upper

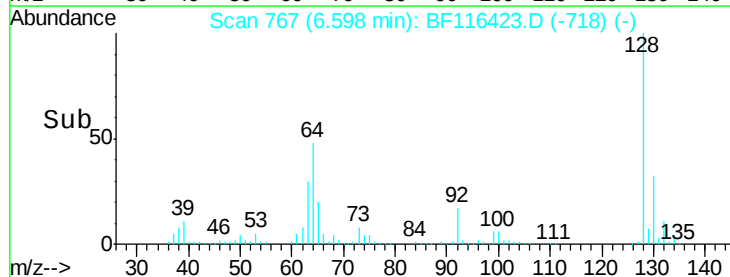
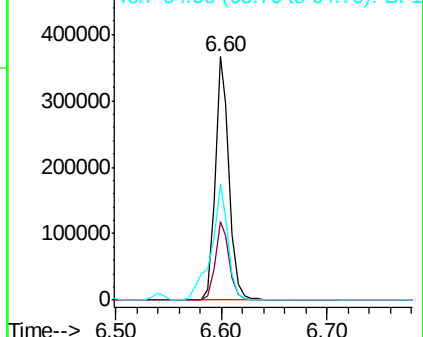
128 100

130 32.1 12.9 52.9

64 47.5 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: 12.083 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

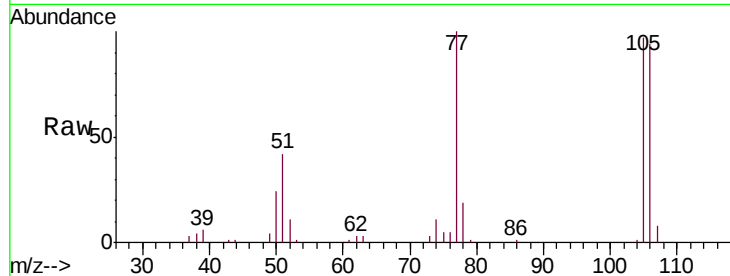
Tgt Ion: 77 Resp: 76869

Ion Ratio Lower Upper

77 100

105 96.9 79.2 119.2

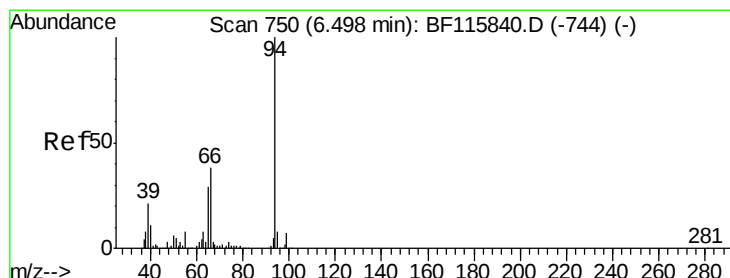
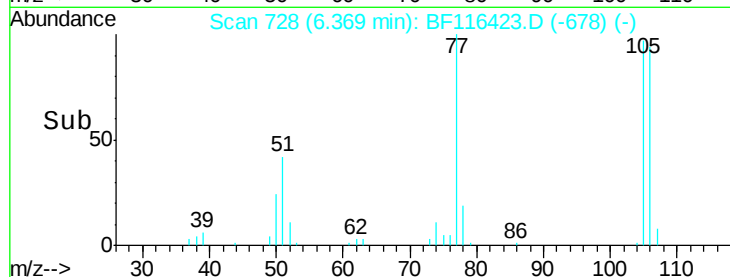
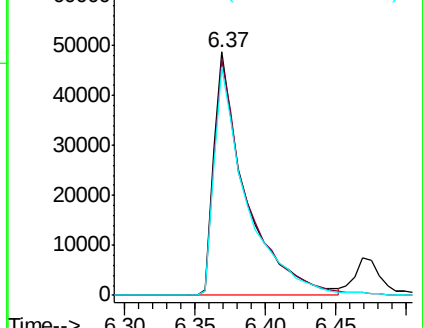
106 93.9 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.686 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

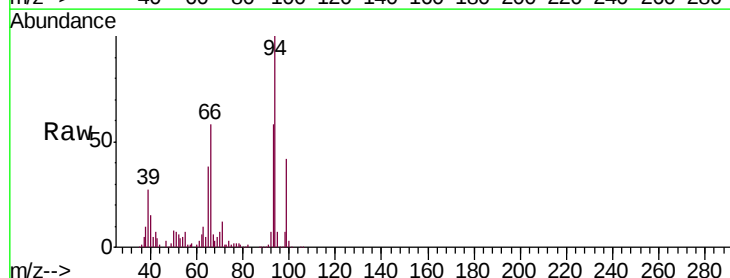
Tgt Ion: 94 Resp: 420043

Ion Ratio Lower Upper

94 100

65 38.4 16.8 56.8

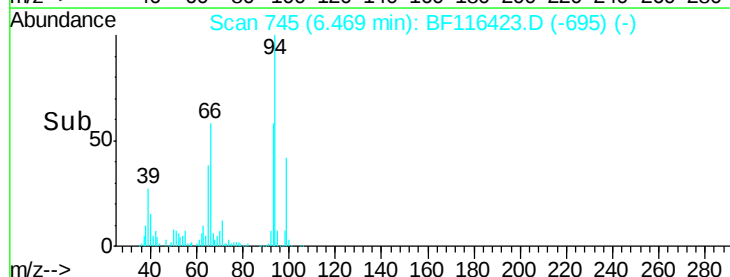
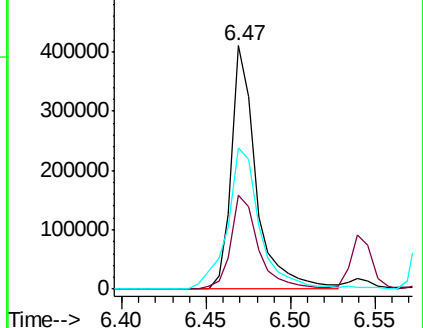
66 58.2 34.2 74.2

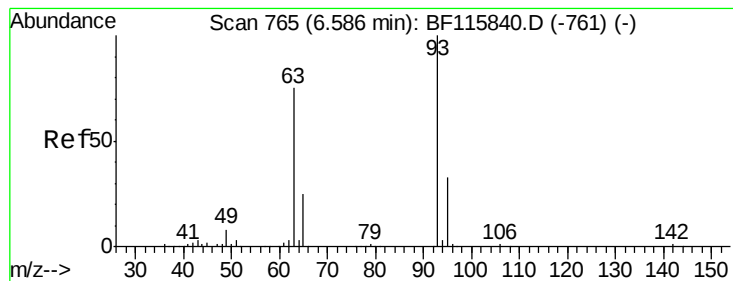


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

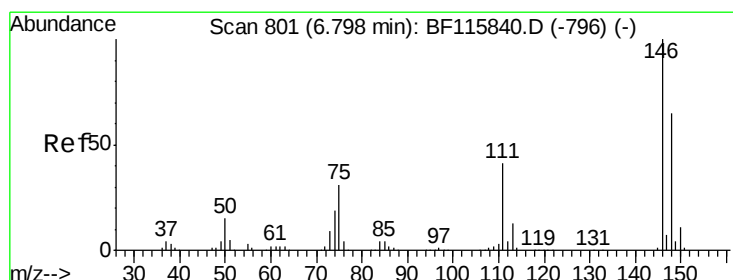
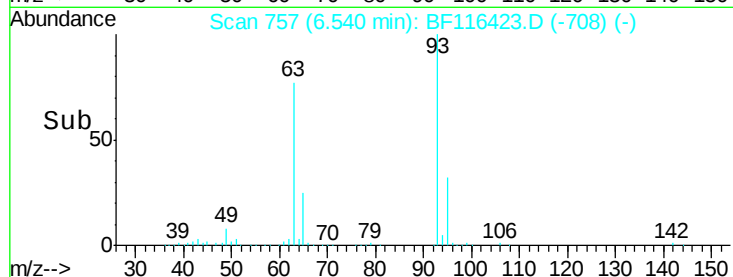
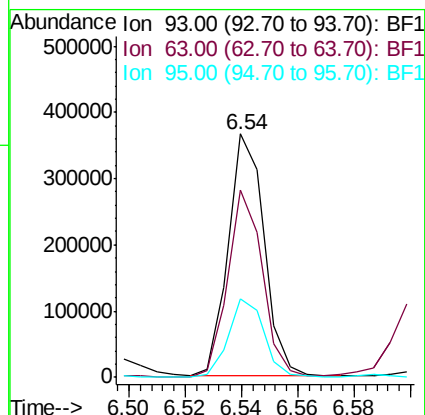
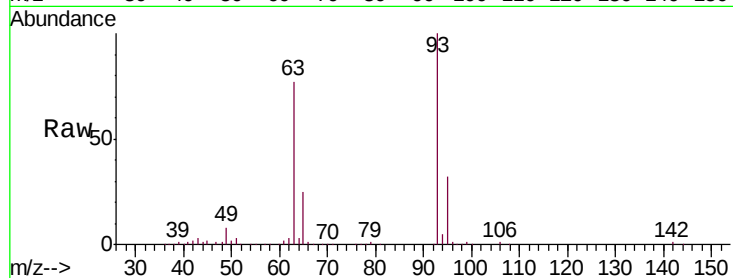




#11
bis(2-Chloroethyl)ether
Concen: 40.370 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

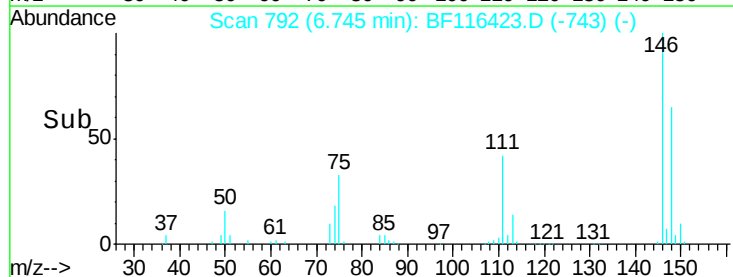
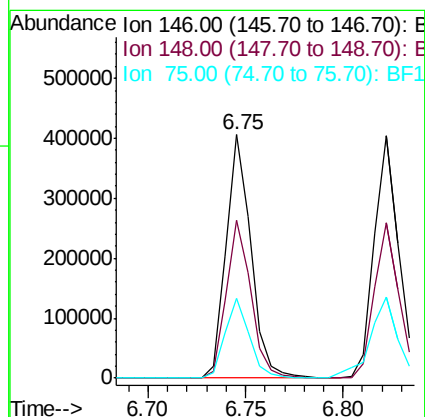
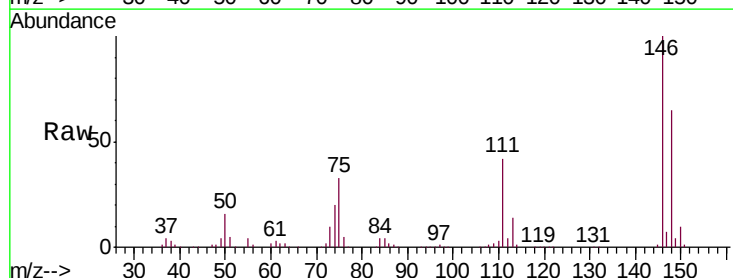
Instrument :
BNA_F
ClientSampleId :
PB122344BS

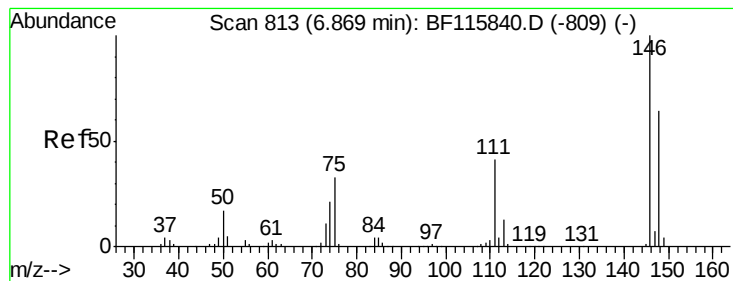
Tgt Ion: 93 Resp: 322263
Ion Ratio Lower Upper
93 100
63 76.9 51.9 91.9
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 38.390 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion: 146 Resp: 358536
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.278 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

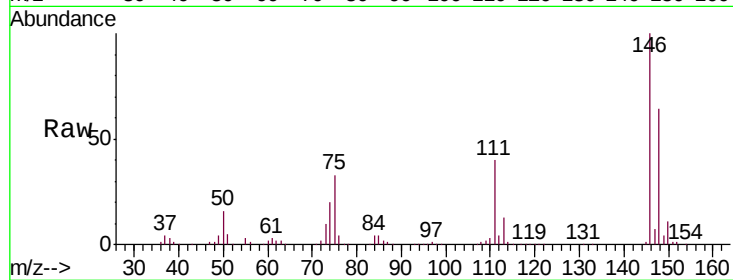
Tgt Ion:146 Resp: 367294

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

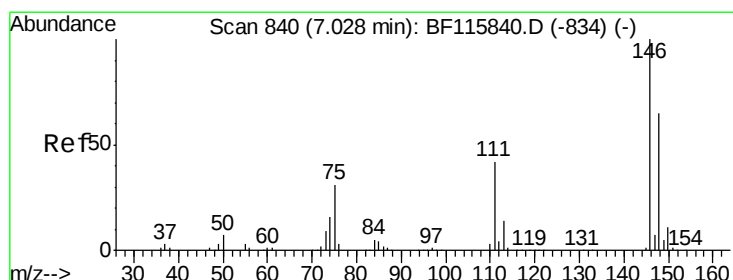
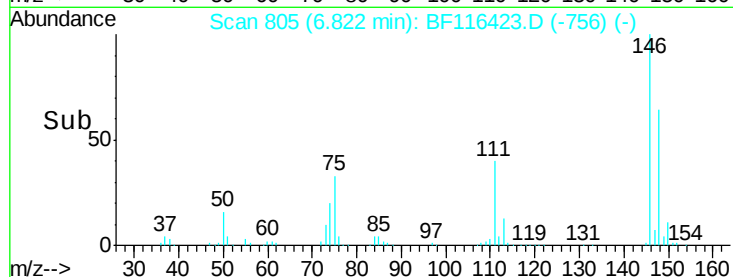
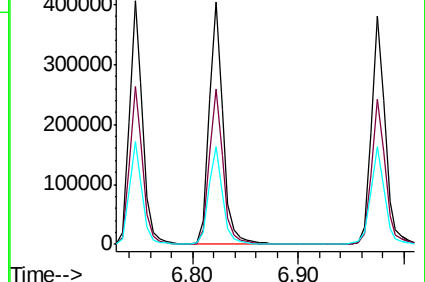
111 40.1 34.0 51.0



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: 39.384 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

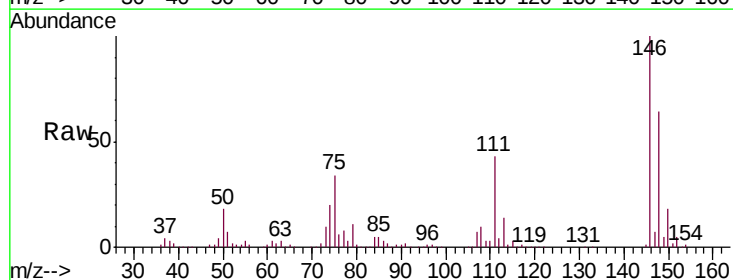
Tgt Ion:146 Resp: 339115

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

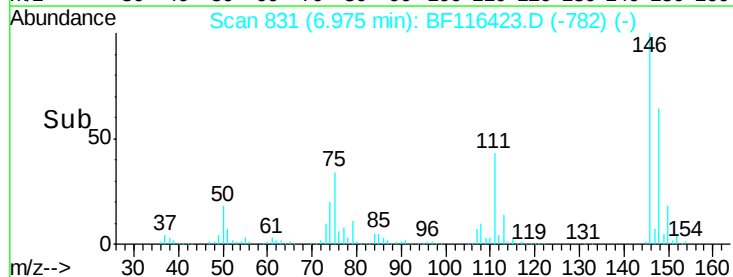
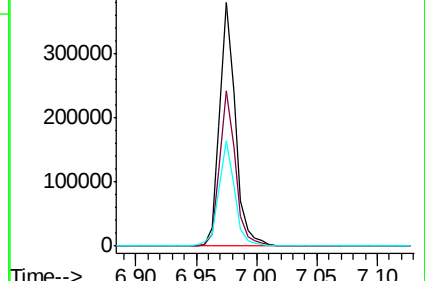
111 43.1 33.5 50.3

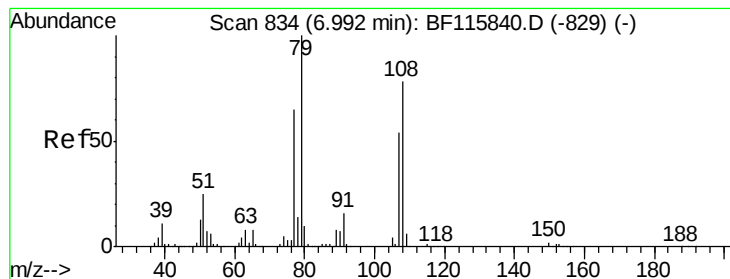


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.751 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

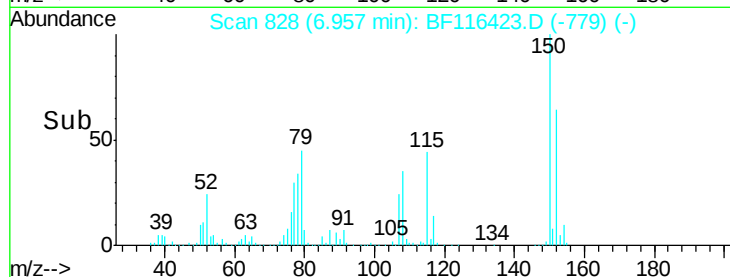
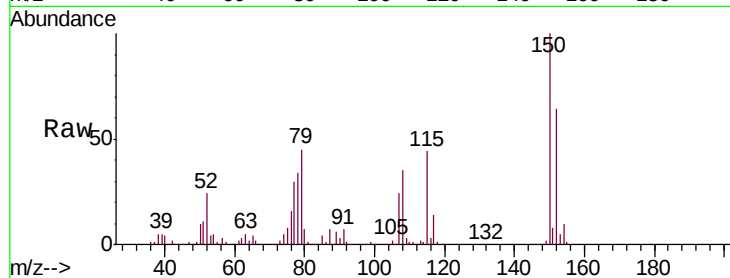
Tgt Ion: 79 Resp: 271153

Ion Ratio Lower Upper

79 100

108 78.0 62.7 94.1

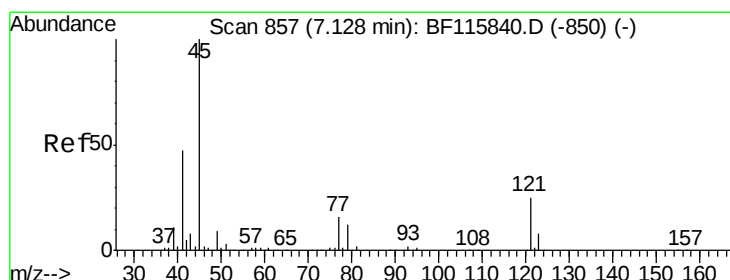
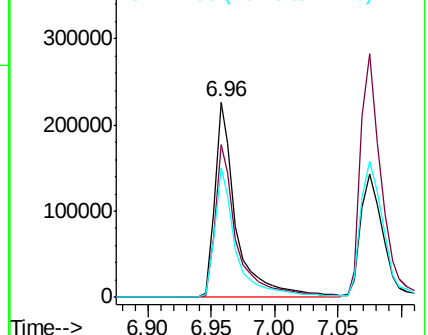
77 66.1 52.2 78.2



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: 38.479 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

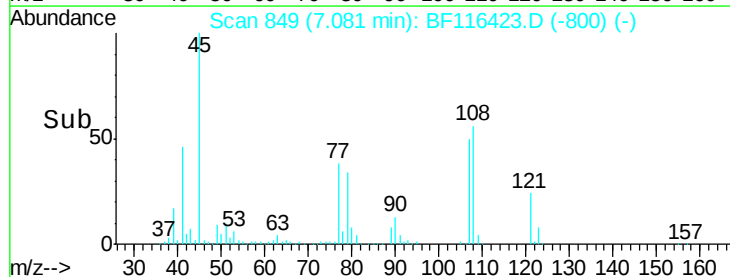
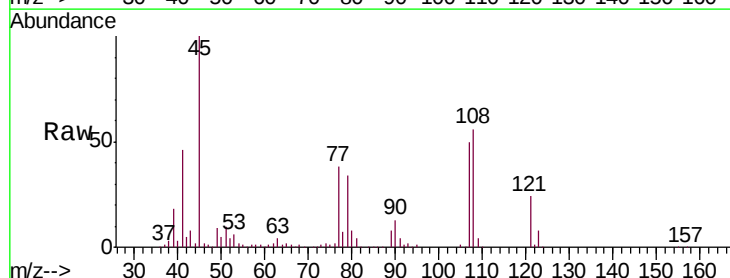
Tgt Ion: 45 Resp: 418984

Ion Ratio Lower Upper

45 100

77 38.2 0.0 40.0

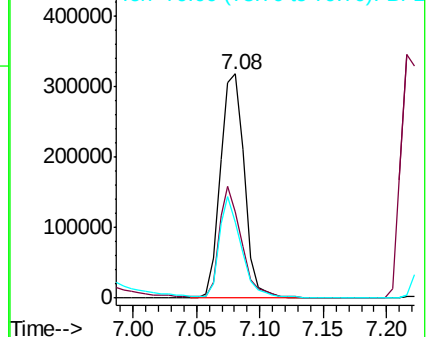
79 33.9 0.0 35.9

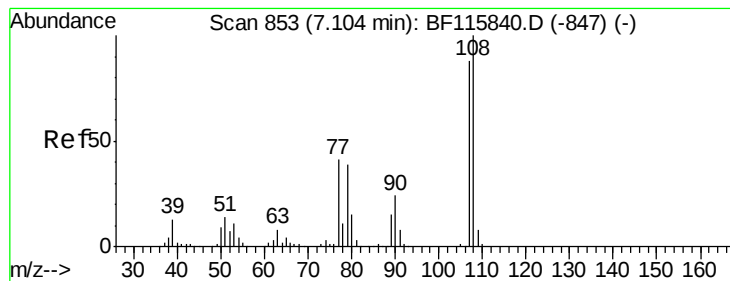


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.643 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

Tgt Ion:107 Resp: 278110

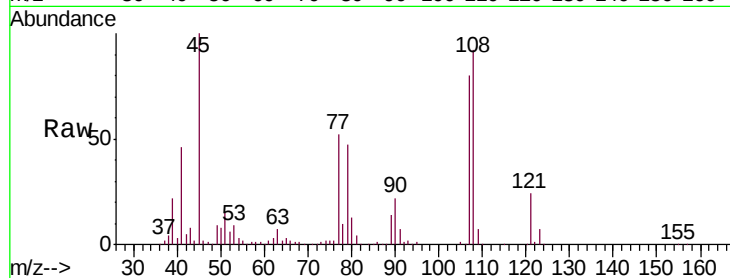
Ion Ratio Lower Upper

107 100

108 115.5 91.2 136.8

77 64.7 40.3 60.5#

79 58.6 37.6 56.4#

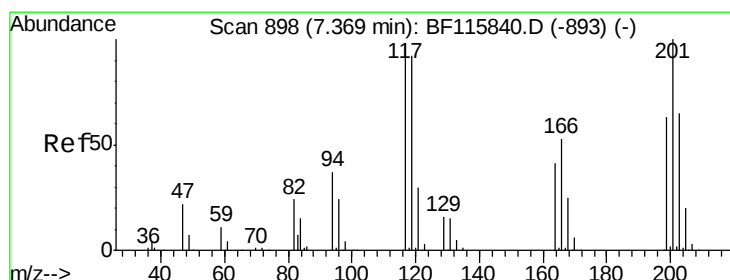
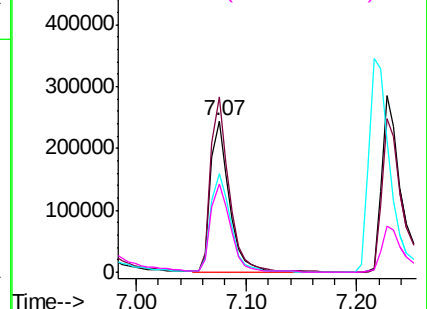
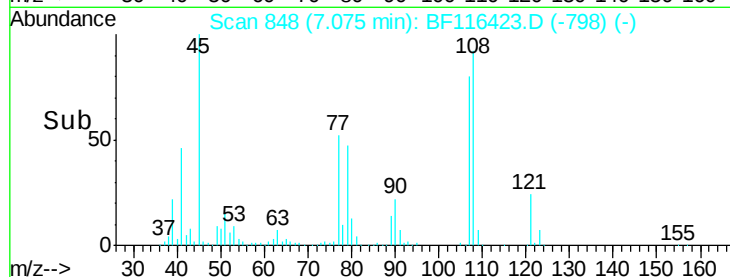


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.634 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

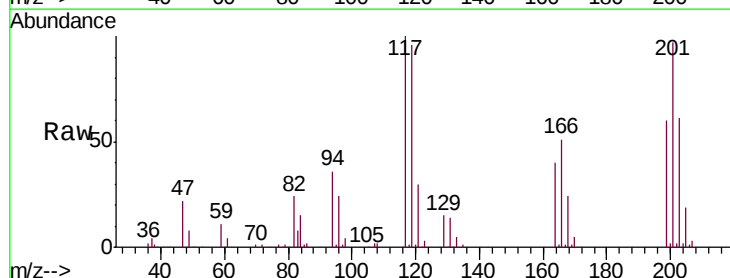
Tgt Ion:117 Resp: 133014

Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1

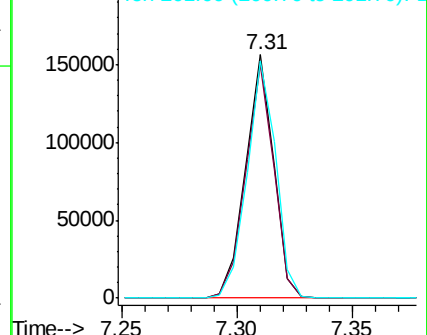
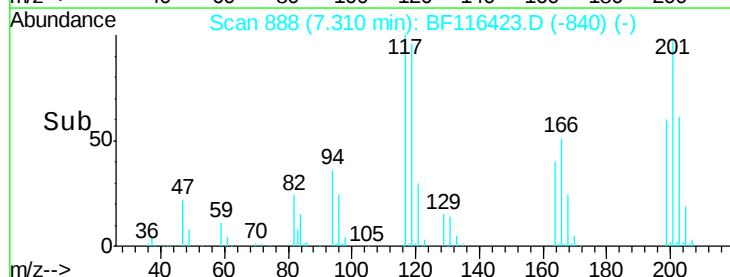
201 97.3 77.0 115.4

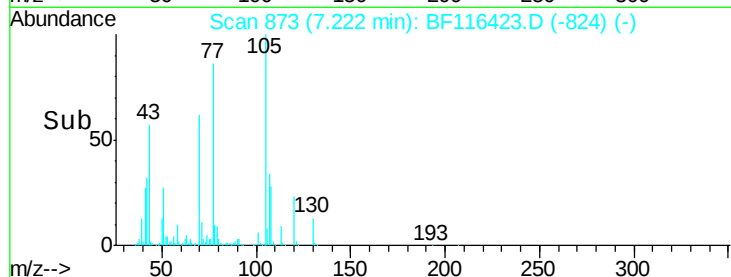
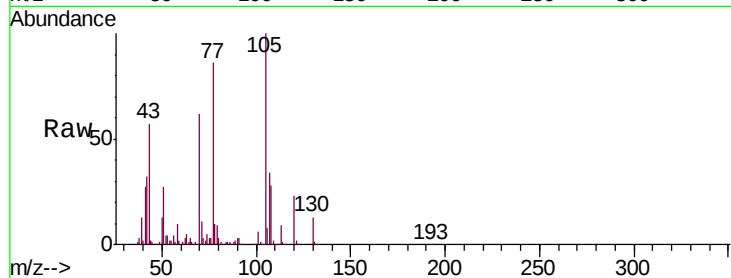
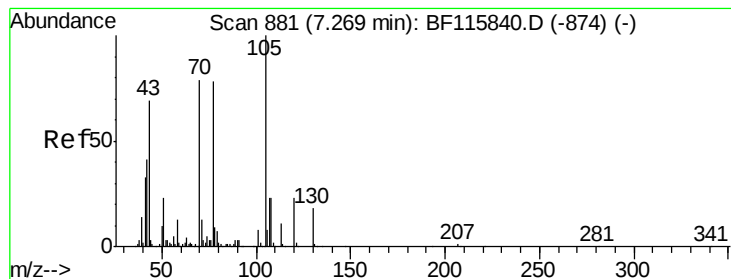


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.769 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

Tgt Ion: 70 Resp: 238649

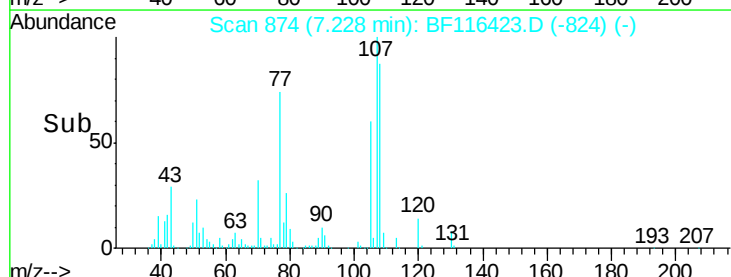
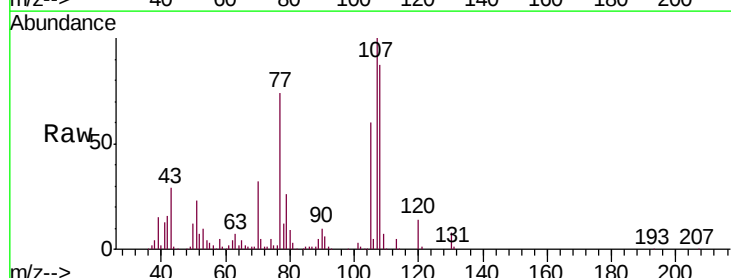
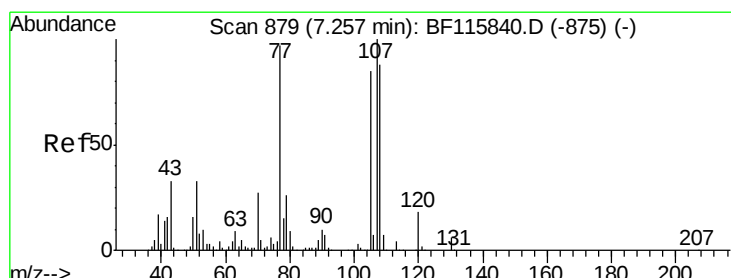
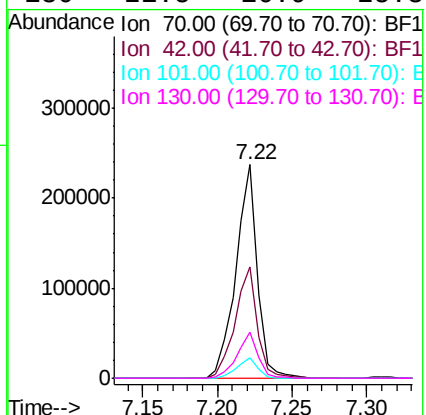
Ion Ratio Lower Upper

70 100

42 52.1 40.9 61.3

101 9.6 7.9 11.9

130 21.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.122 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion: 107 Resp: 365373

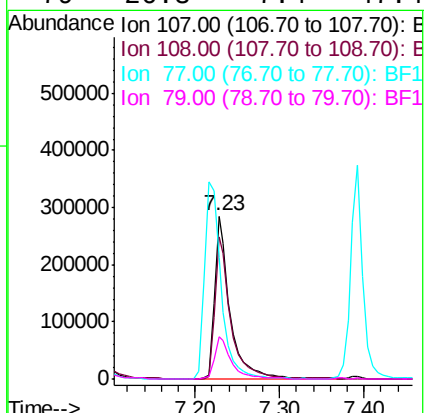
Ion Ratio Lower Upper

107 100

108 86.9 67.6 107.6

77 74.5 104.4 144.4#

79 26.3 7.4 47.4

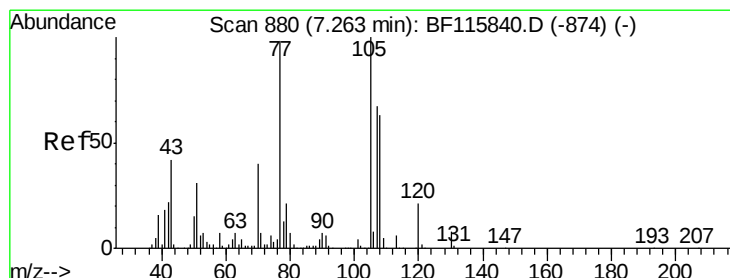
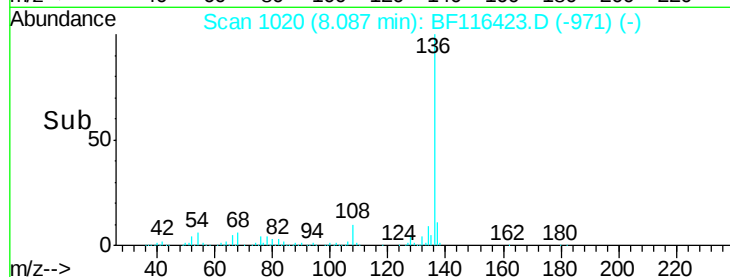
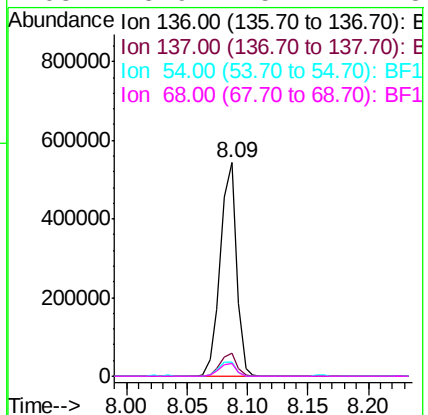
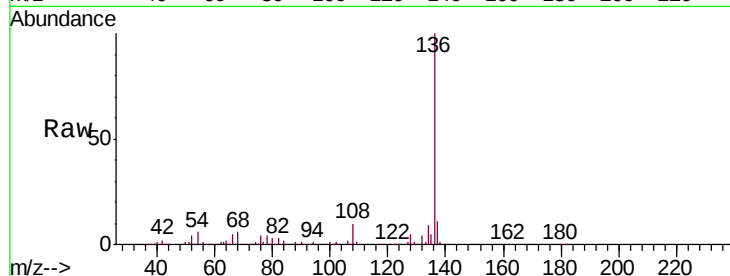




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

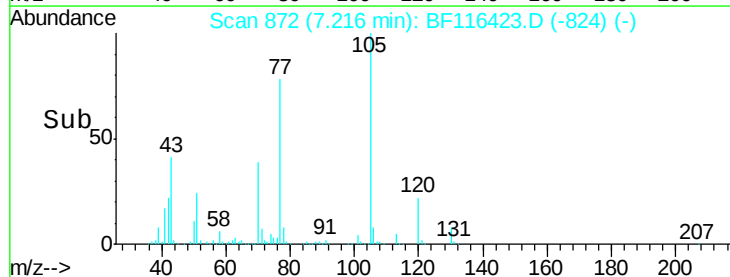
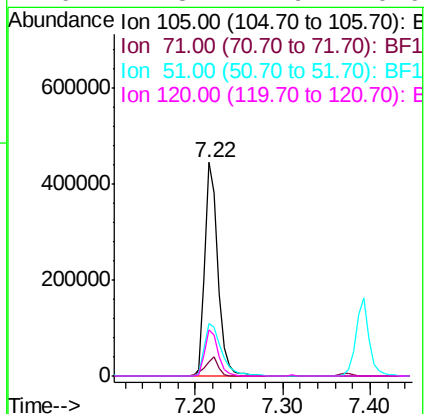
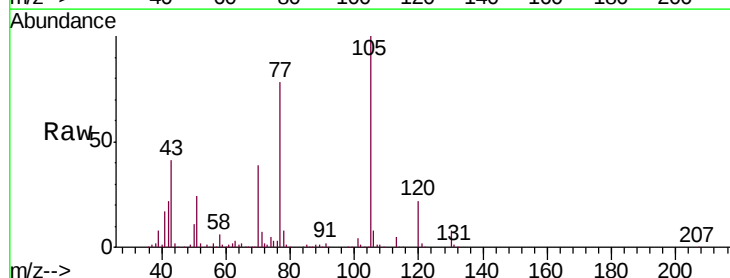
Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion:	136	Resp:	505653
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	5.8	8.6
68	5.9	5.2	7.8



#22
Acetophenone
Concen: 42.116 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion:	105	Resp:	467049
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.9	8.9
51	24.5	25.3	37.9#
120	21.8	17.9	26.9

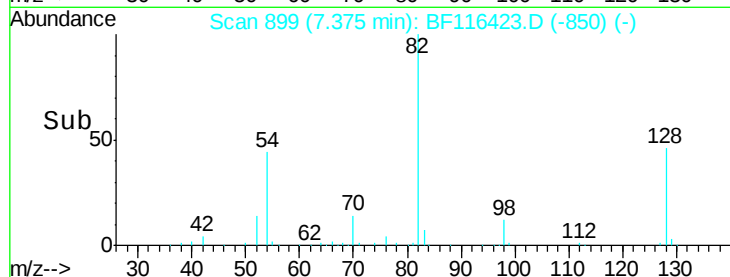
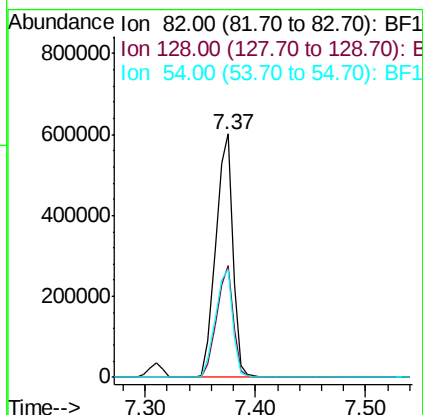
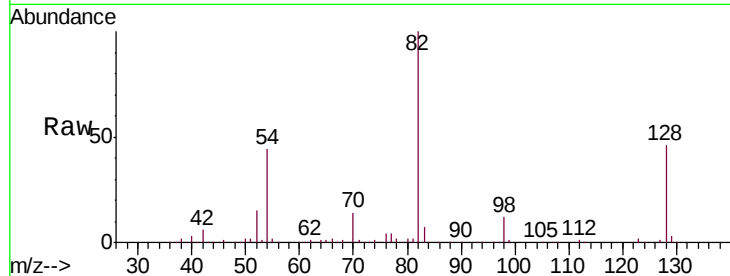




#23
 Nitrobenzene-d5
 Concen: 73.507 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

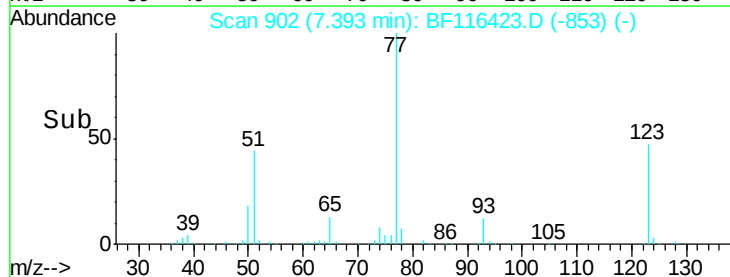
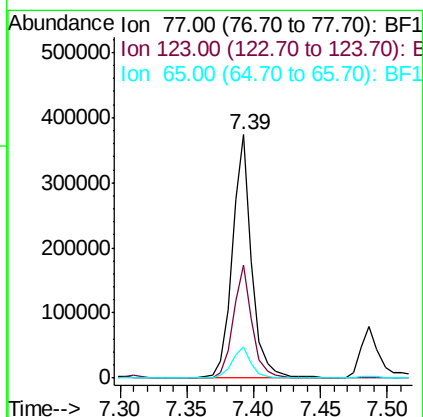
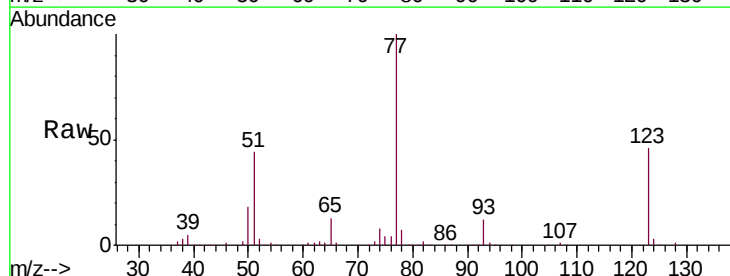
Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

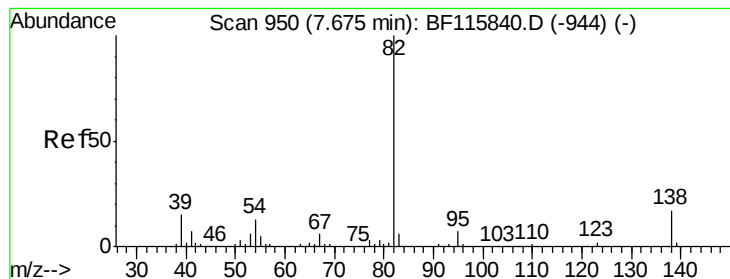
Tgt Ion: 82 Resp: 643918
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 44.4 36.0 54.0



#24
 Nitrobenzene
 Concen: 39.775 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion: 77 Resp: 376218
 Ion Ratio Lower Upper
 77 100
 123 46.2 36.7 55.1
 65 12.9 10.6 16.0





#25

Isophorone

Concen: 40.588 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

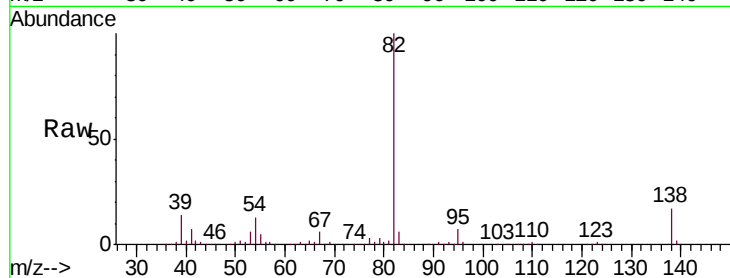
Tgt Ion: 82 Resp: 679871

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

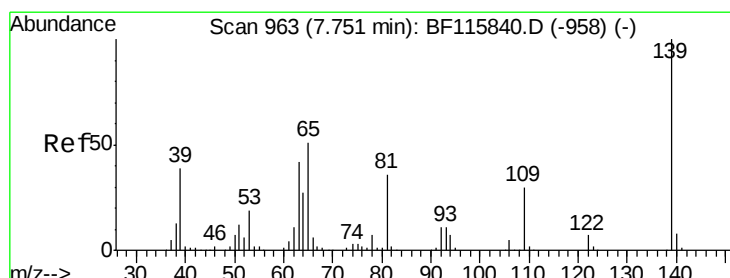
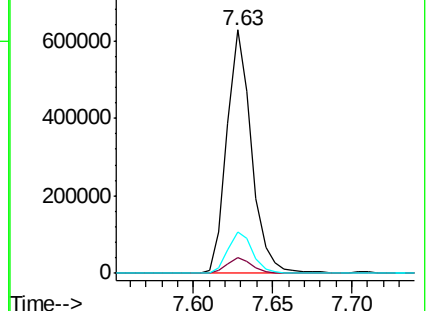
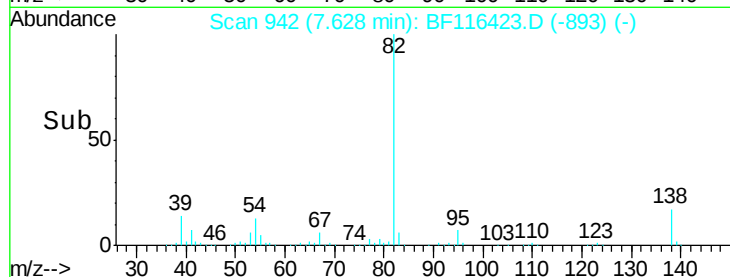
138 17.1 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.991 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

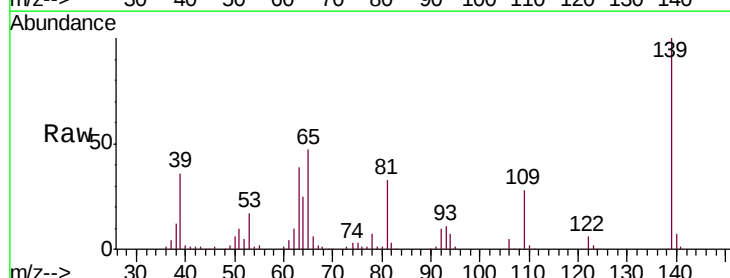
Tgt Ion: 139 Resp: 182764

Ion Ratio Lower Upper

139 100

109 28.1 23.4 35.2

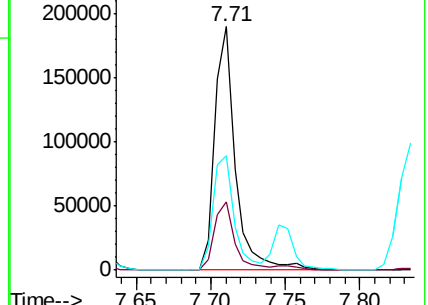
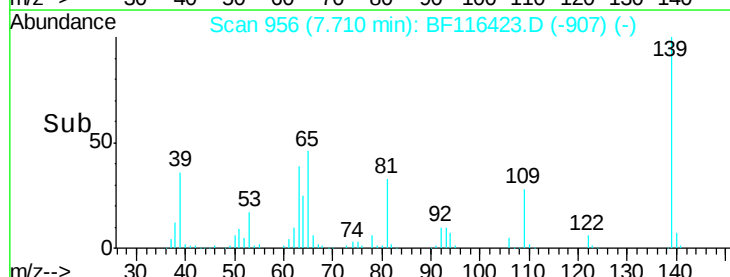
65 46.8 41.1 61.7

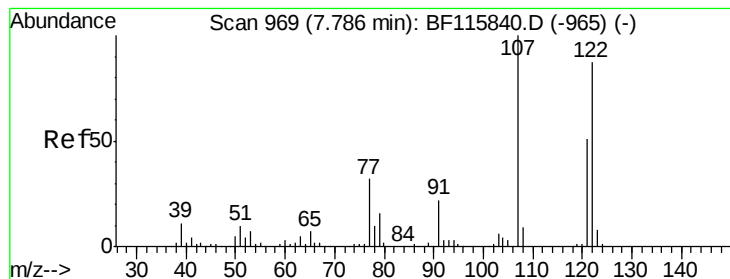


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.886 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

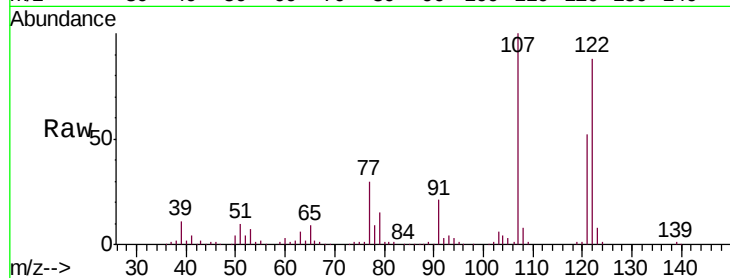
Tgt Ion:122 Resp: 301098

Ion Ratio Lower Upper

122 100

107 113.4 93.0 139.6

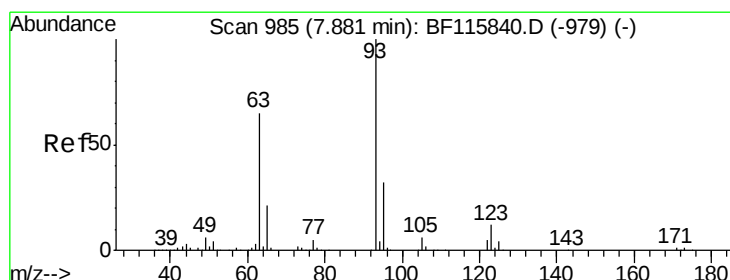
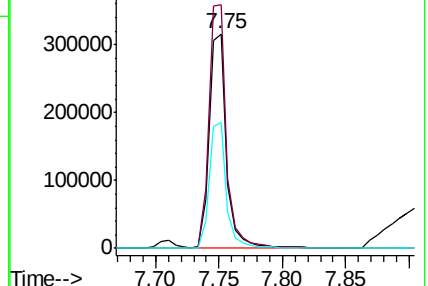
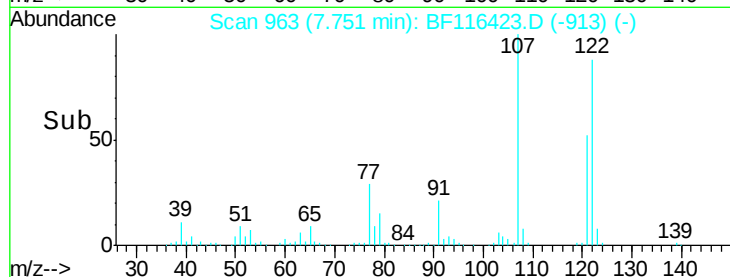
121 58.6 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.192 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

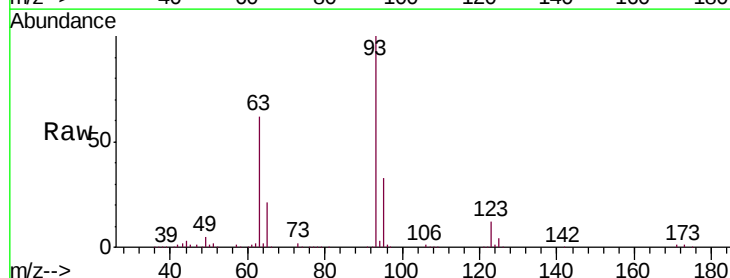
Tgt Ion: 93 Resp: 417278

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

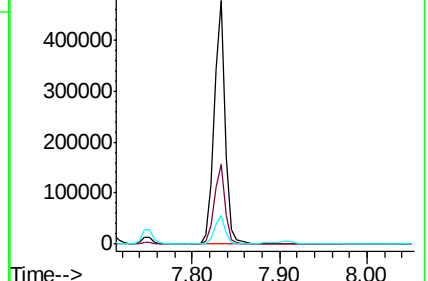
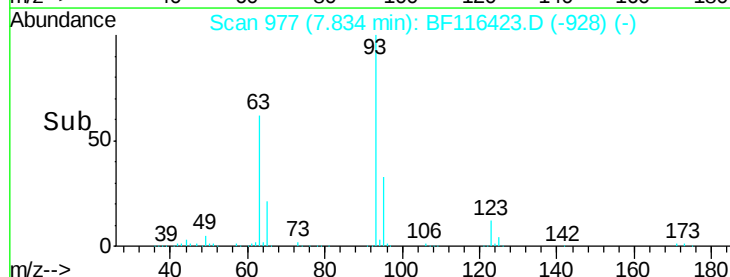
123 11.5 9.2 13.8

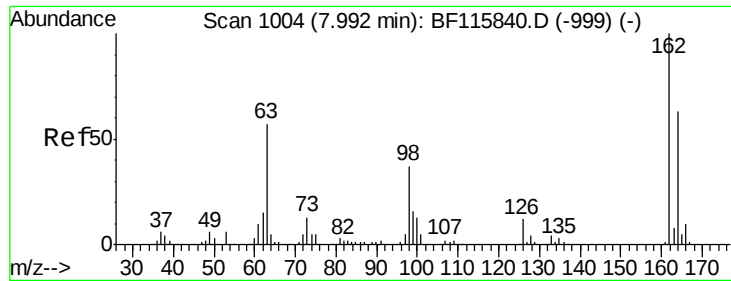


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

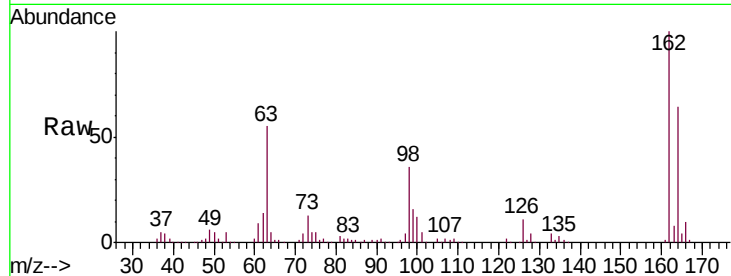




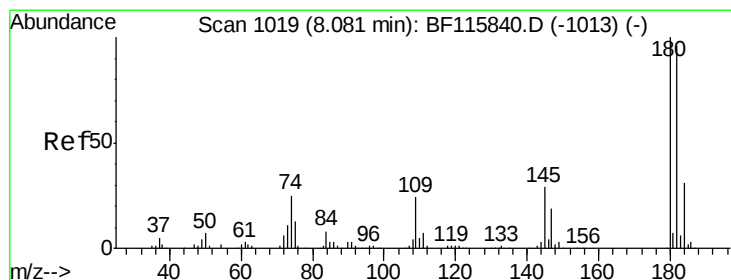
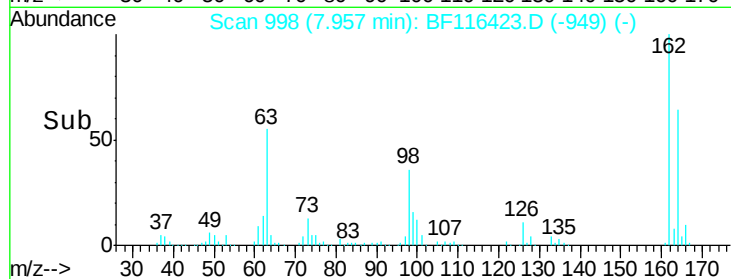
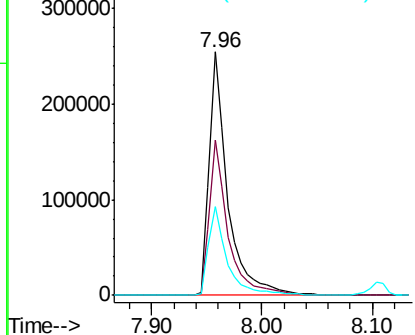
#29
 2,4-Dichlorophenol
 Concen: 40.826 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.1	85.1
98	36.4	15.8	55.8

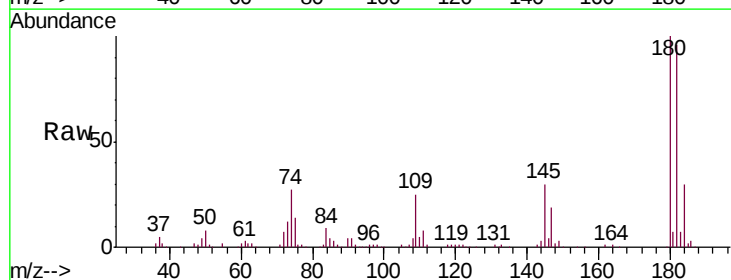


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

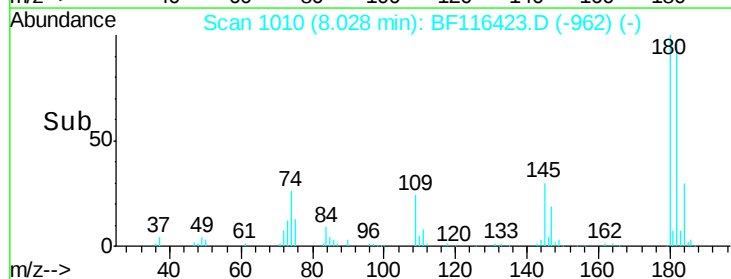
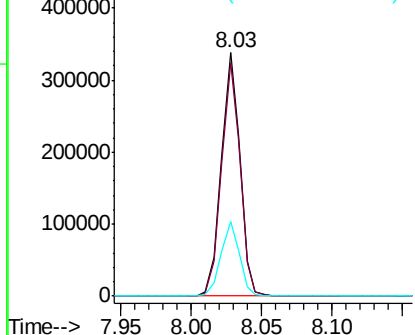


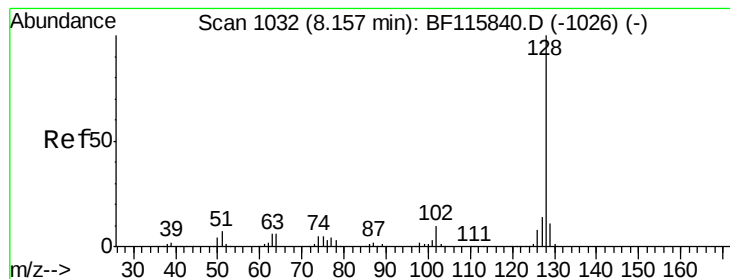
#30
 1,2,4-Trichlorobenzene
 Concen: 38.558 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	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: 41.090 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

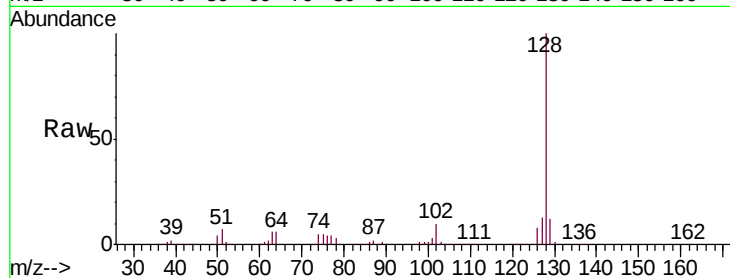
Tgt Ion:128 Resp: 977745

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

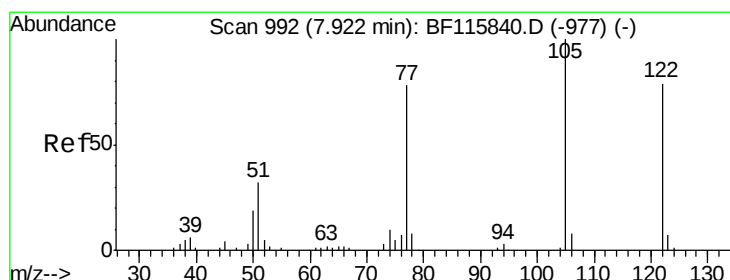
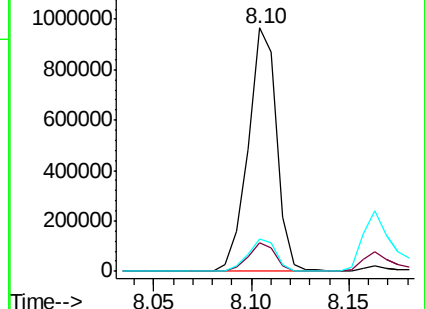
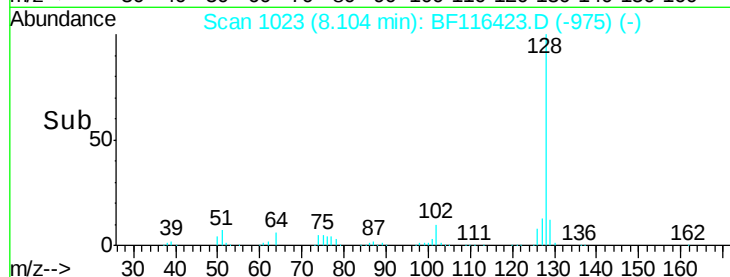
127 13.5 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.173 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

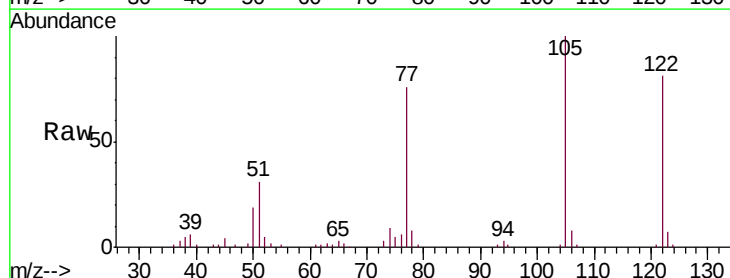
Tgt Ion:122 Resp: 156889

Ion Ratio Lower Upper

122 100

105 124.0 106.1 146.1

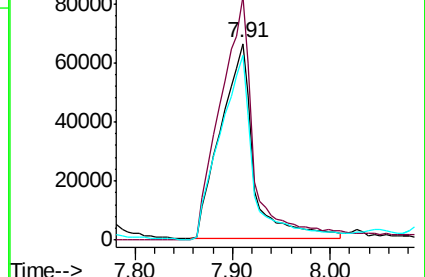
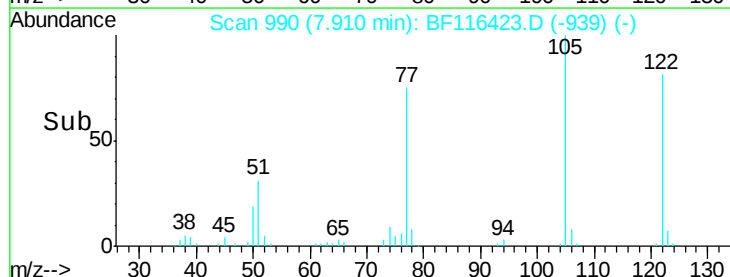
77 93.9 76.7 116.7

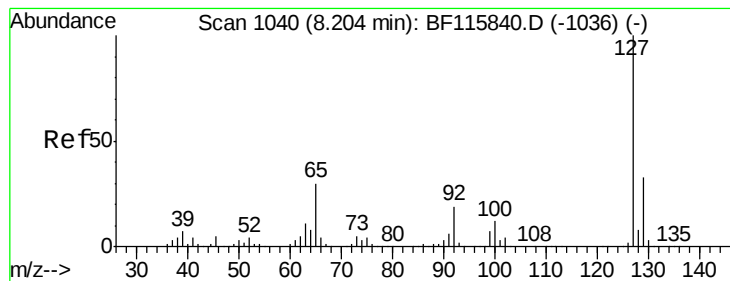


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 27.064 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

Tgt Ion:127 Resp: 287742

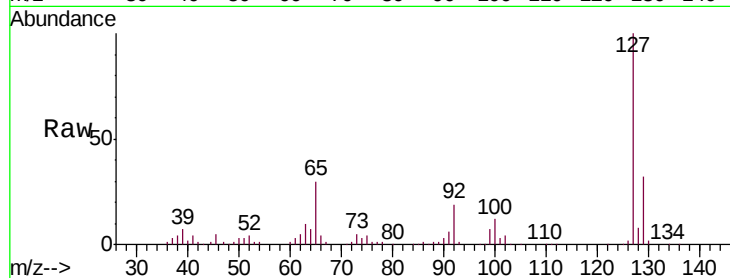
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 29.5 24.9 37.3

92 18.7 15.7 23.5

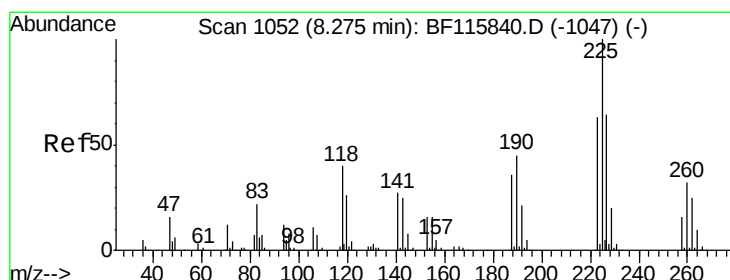
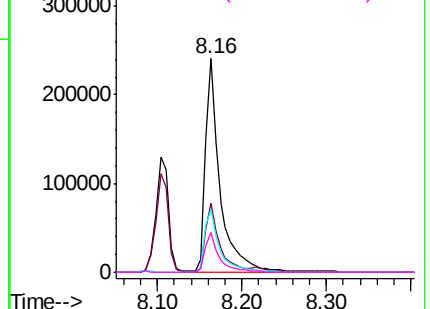
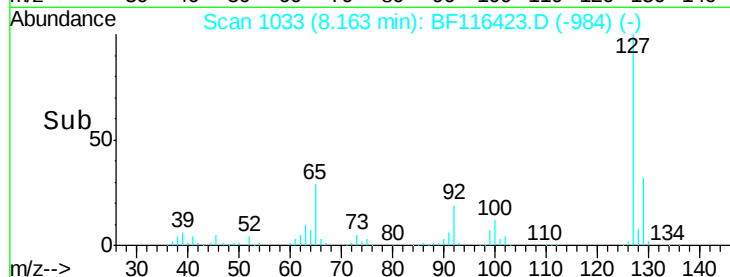


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.844 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

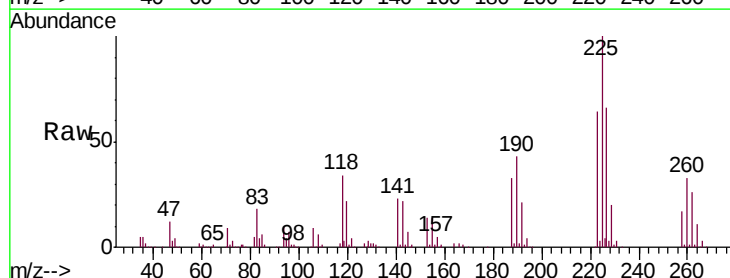
Tgt Ion:225 Resp: 175991

Ion Ratio Lower Upper

225 100

223 63.8 50.0 75.0

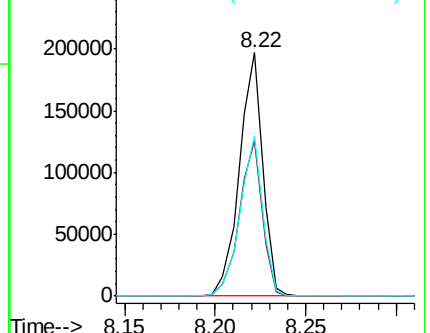
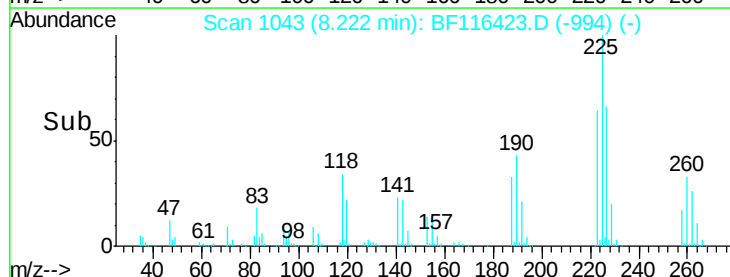
227 65.6 51.0 76.4



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

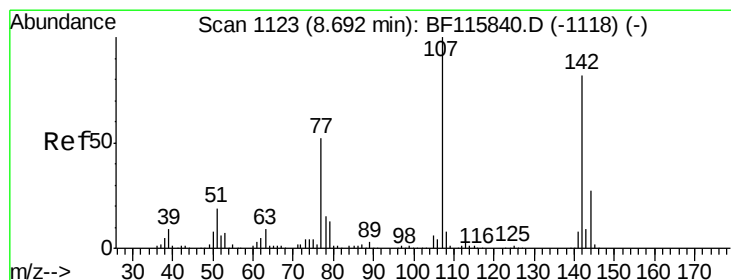
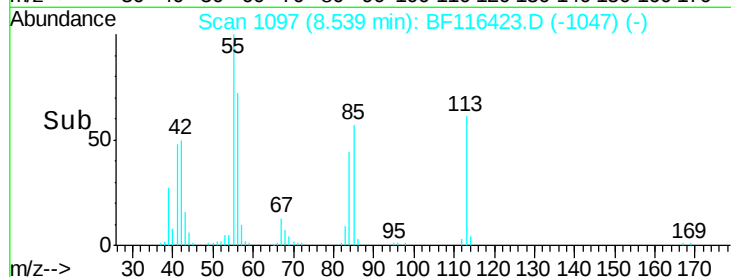
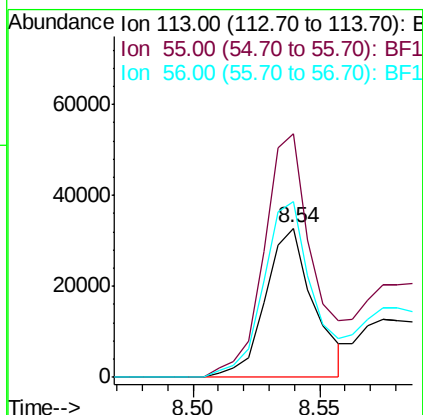
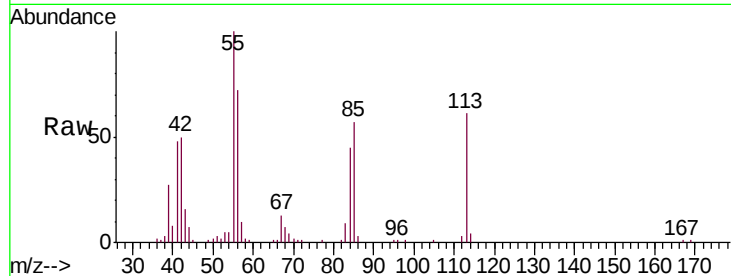




#35
 Caprolactam
 Concen: 19.045 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

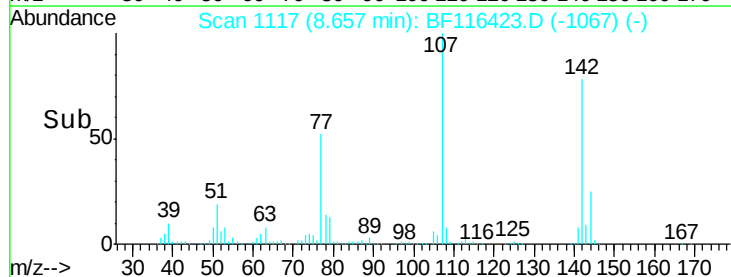
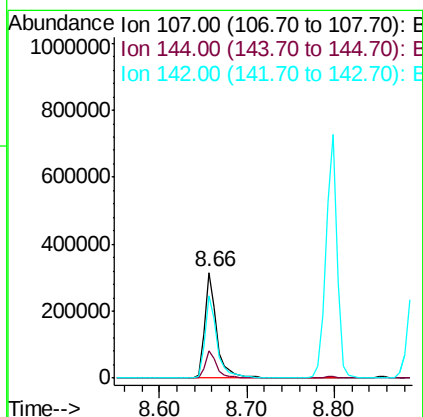
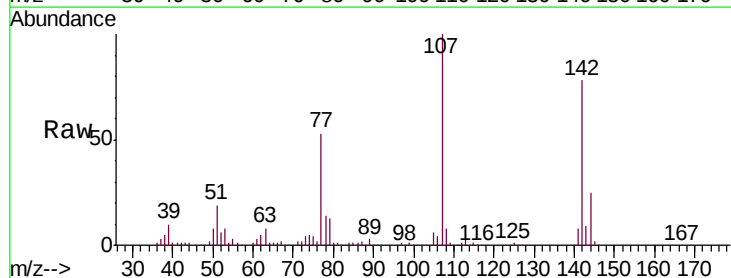
Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

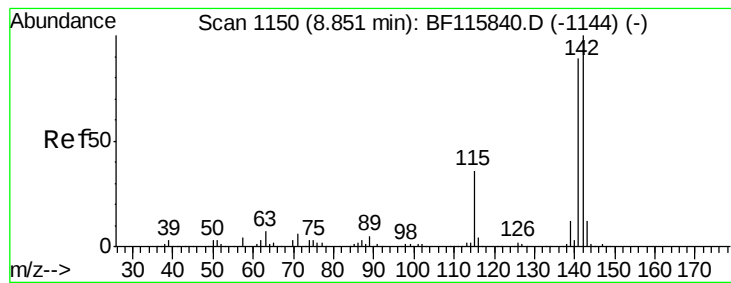
Tgt Ion:113 Resp: 43628
 Ion Ratio Lower Upper
 113 100
 55 163.0 144.3 184.3
 56 117.4 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.882 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion:107 Resp: 301234
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 77.9 61.7 92.5

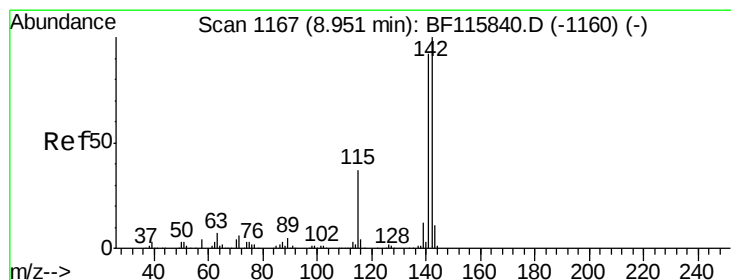
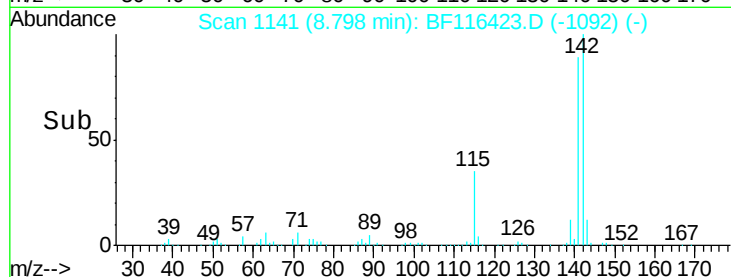
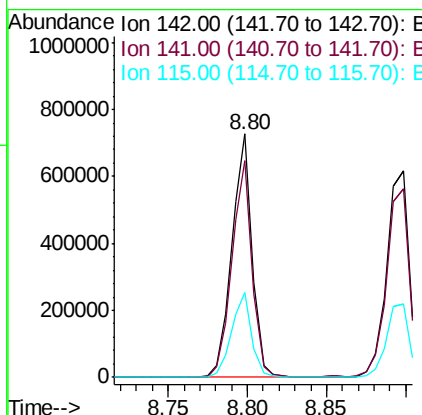
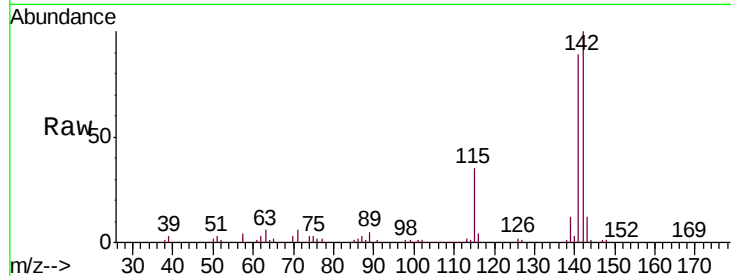




#37
 2-Methylnaphthalene
 Concen: 40.923 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

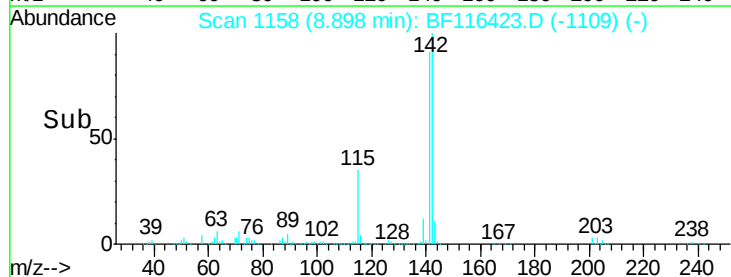
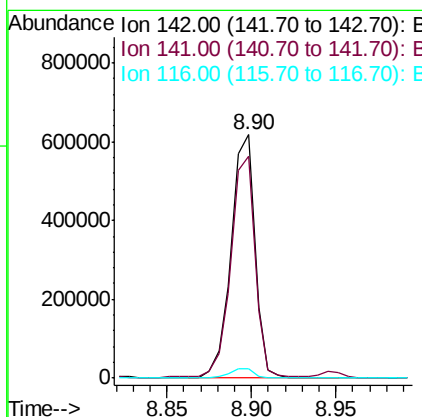
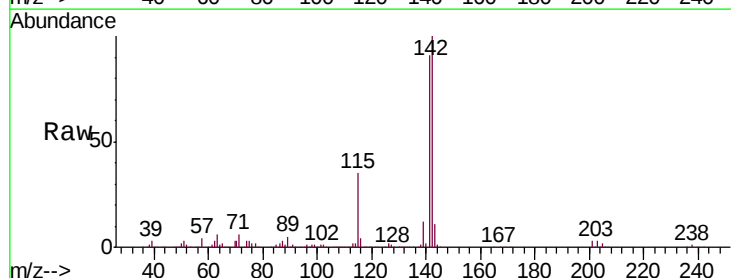
Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

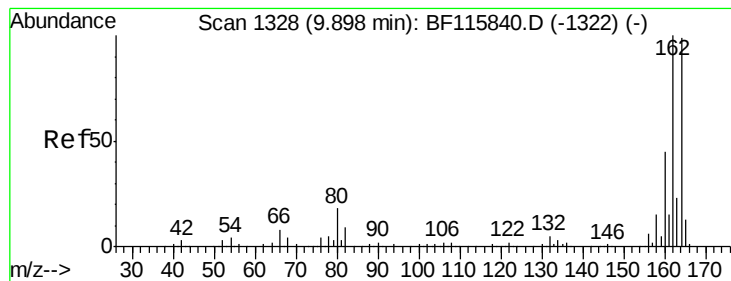
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	34.9	29.0	43.6



#38
 1-Methylnaphthalene
 Concen: 40.869 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.4	111.6
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

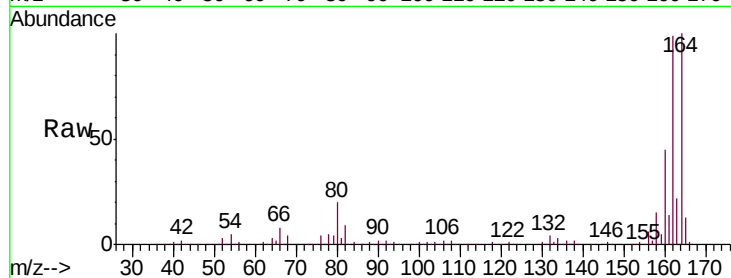
Tgt Ion:164 Resp: 271201

Ion Ratio Lower Upper

164 100

162 98.5 82.6 124.0

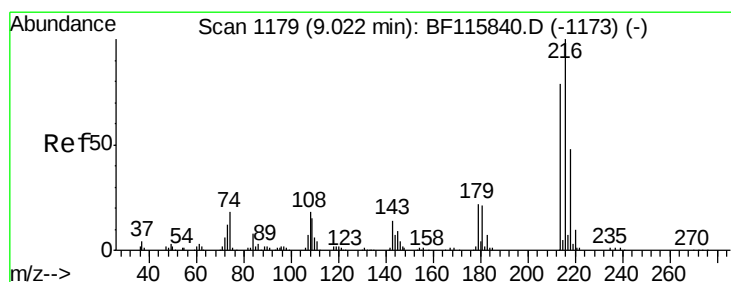
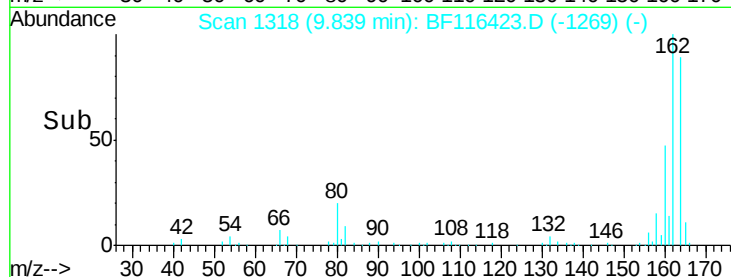
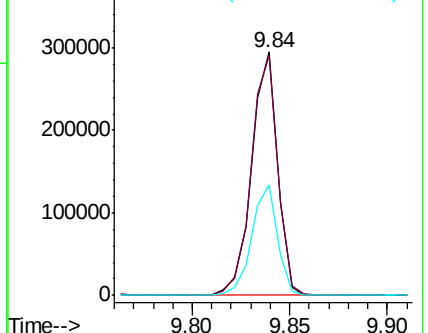
160 45.5 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.064 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:216 Resp: 297728

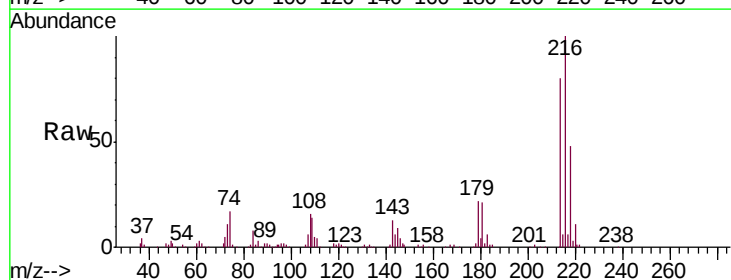
Ion Ratio Lower Upper

216 100

214 79.9 63.6 95.4

179 22.3 17.8 26.8

108 20.2 16.5 24.7

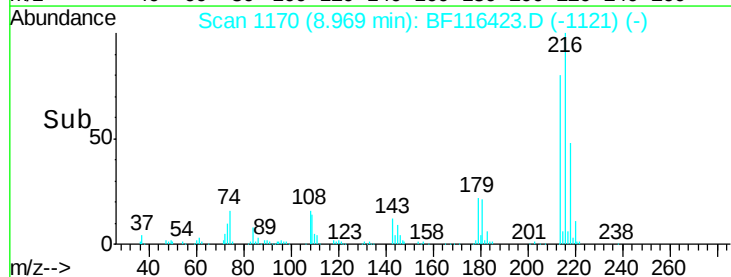
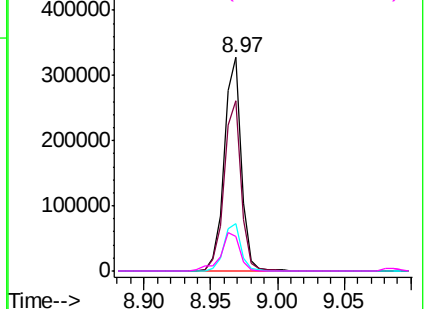


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.444 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

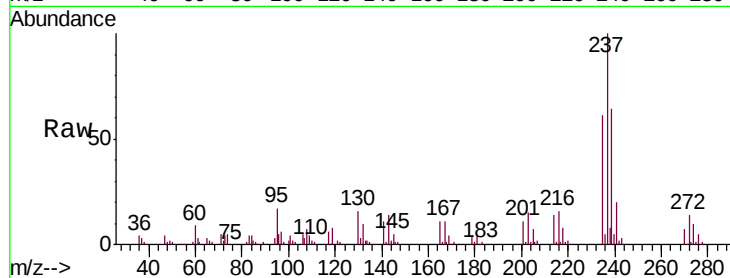
Tgt Ion: 237 Resp: 110801

Ion Ratio Lower Upper

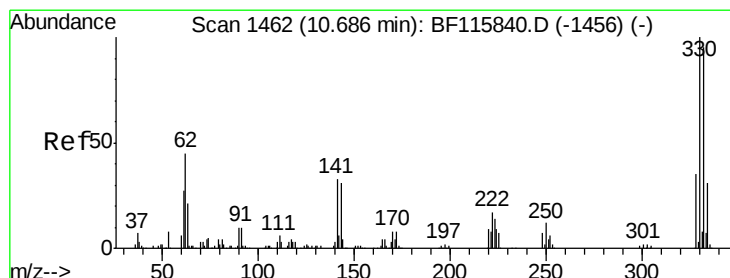
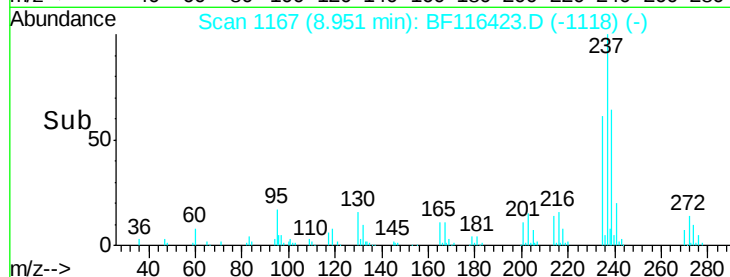
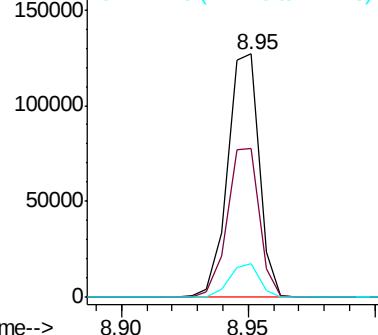
237 100

235 61.3 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: 105.269 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

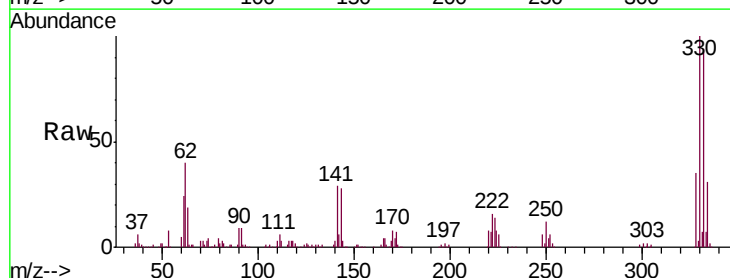
Tgt Ion: 330 Resp: 276792

Ion Ratio Lower Upper

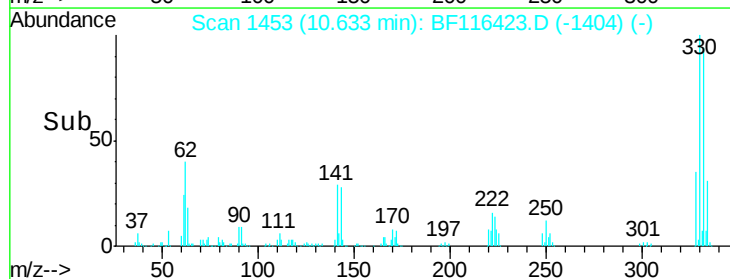
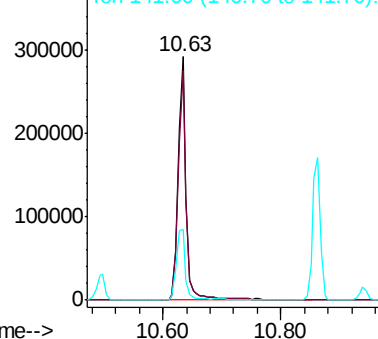
330 100

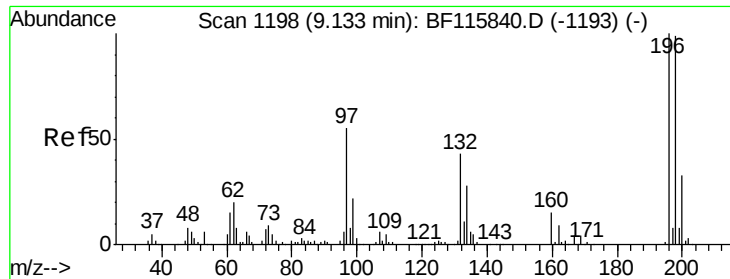
332 93.8 76.8 115.2

141 32.0 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

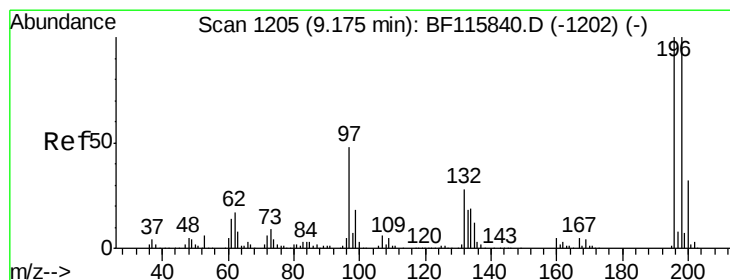
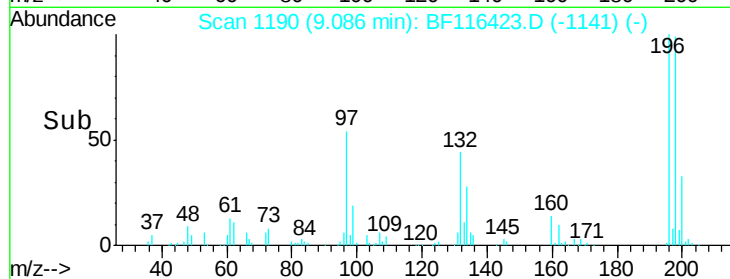
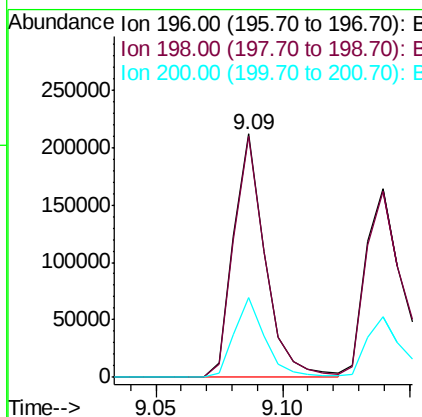
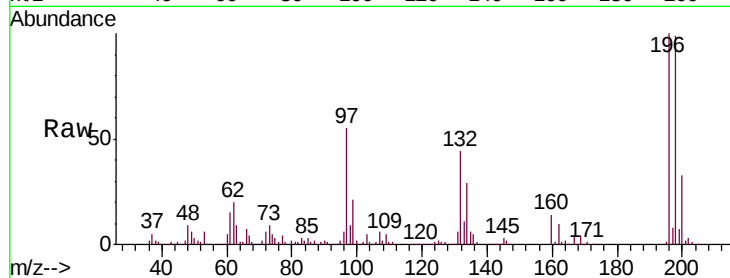




#43
 2,4,6-Trichlorophenol
 Concen: 36.742 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

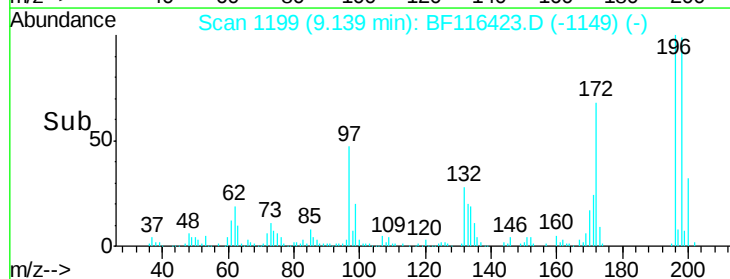
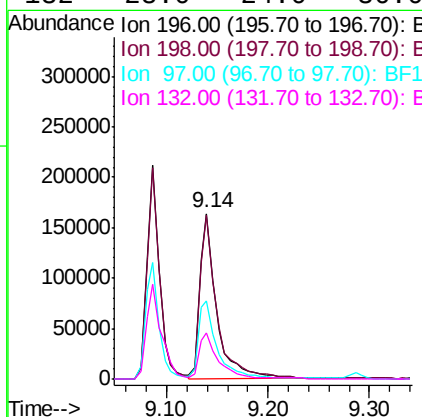
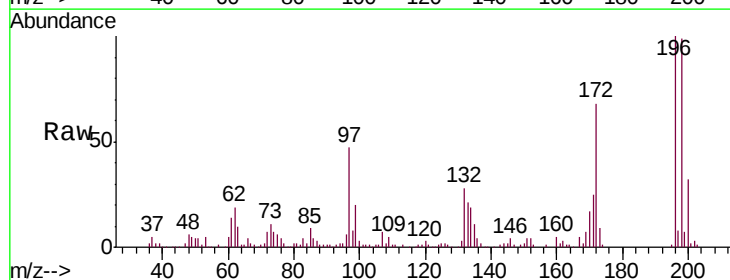
Instrument :
 BNA_F
 ClientSampleID :
 PB122344BS

Tgt Ion:196 Resp: 183361
 Ion Ratio Lower Upper
 196 100
 198 99.1 79.2 118.8
 200 32.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.816 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion:196 Resp: 189919
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.8 118.2
 97 47.5 42.2 63.4
 132 28.0 24.0 36.0

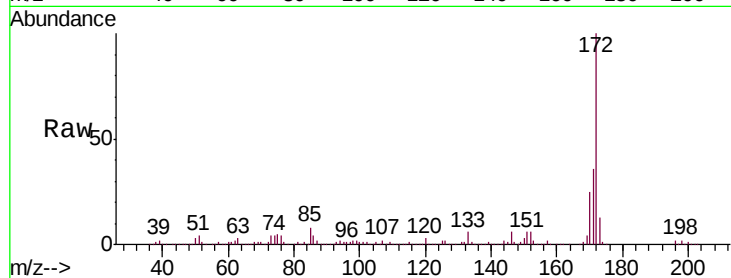




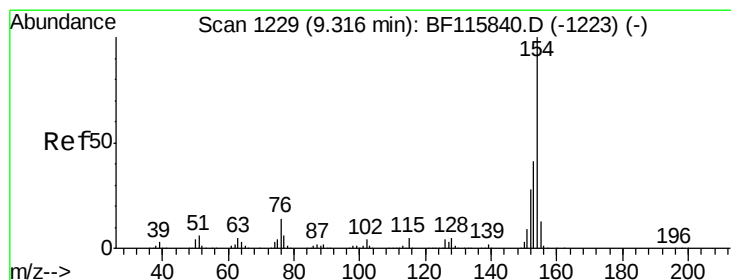
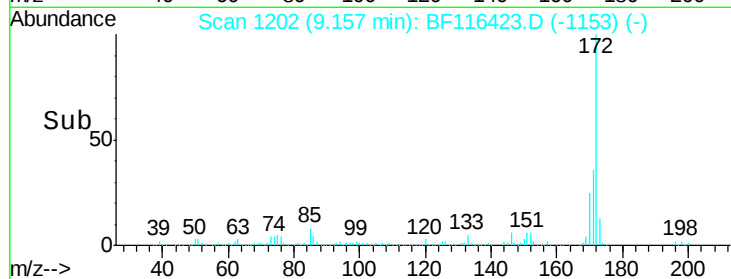
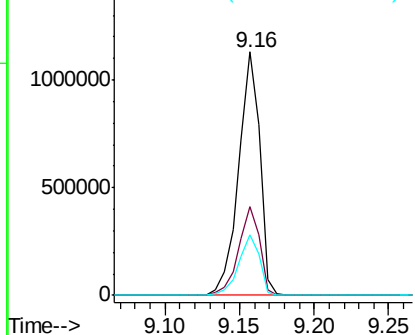
#45
 2-Fluorobiphenyl
 Concen: 77.361 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion:172 Resp: 1120110
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.9 20.1 30.1

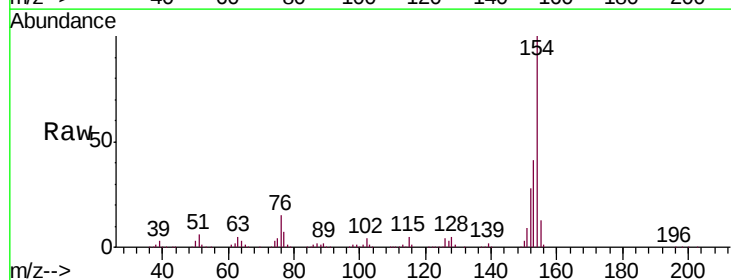


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

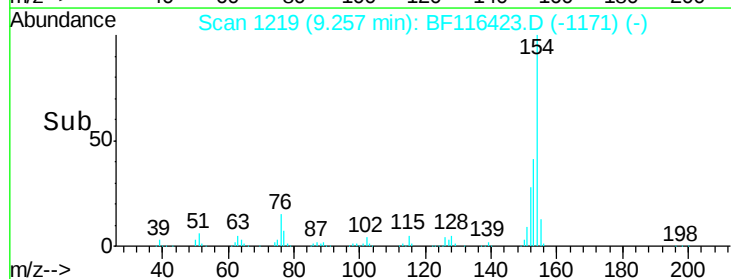
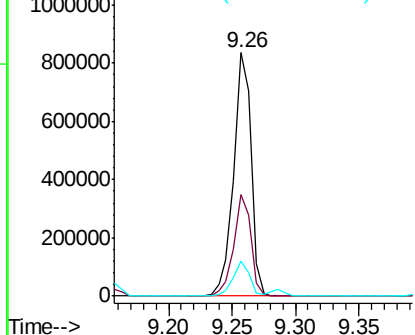


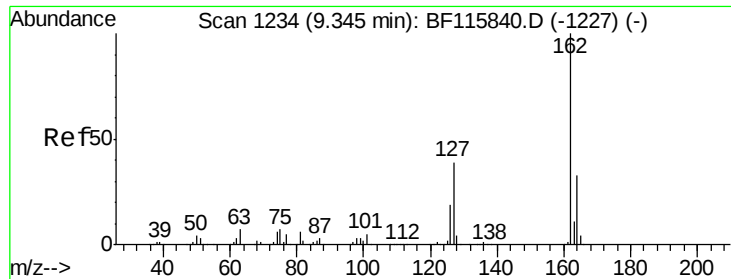
#46
 1,1'-Biphenyl
 Concen: 41.334 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion:154 Resp: 791405
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.4 61.4
 76 14.6 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

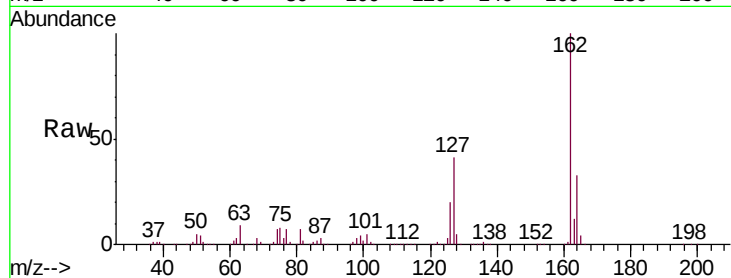




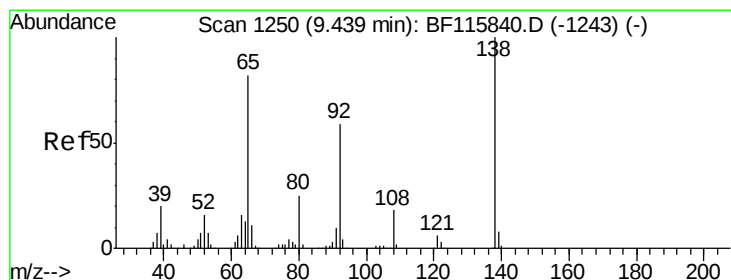
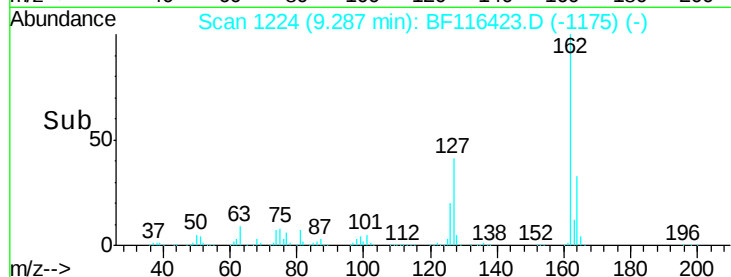
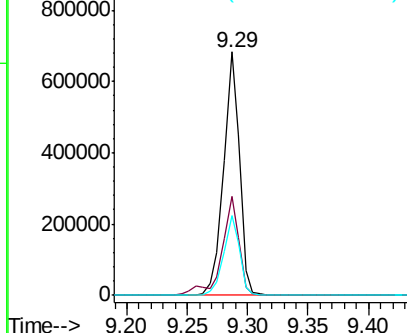
#47
 2-Chloronaphthalene
 Concen: 38.987 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion: 162 Resp: 621294
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.8 49.2
 164 32.9 26.6 39.8

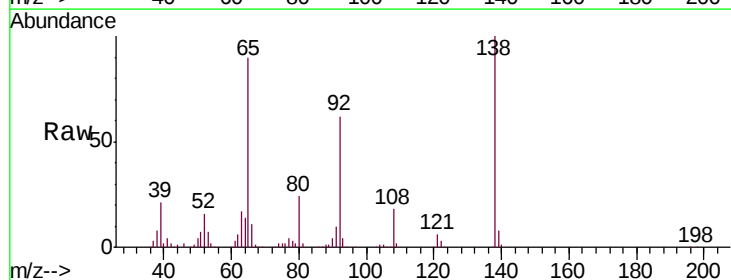


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

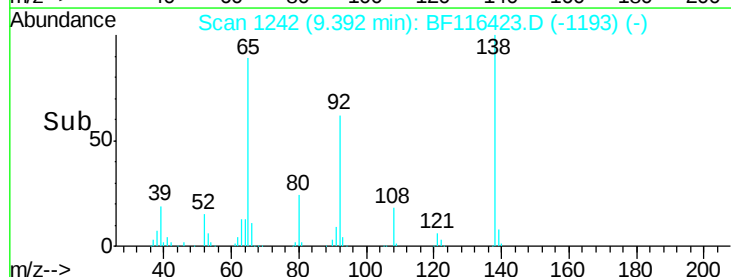
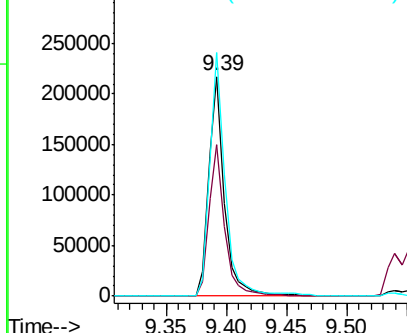


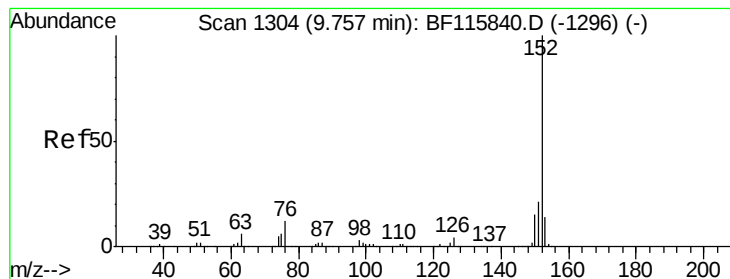
#48
 2-Nitroaniline
 Concen: 36.735 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion: 65 Resp: 193495
 Ion Ratio Lower Upper
 65 100
 92 68.7 57.8 86.8
 138 110.8 94.0 141.0



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





#49

Acenaphthylene

Concen: 39.853 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

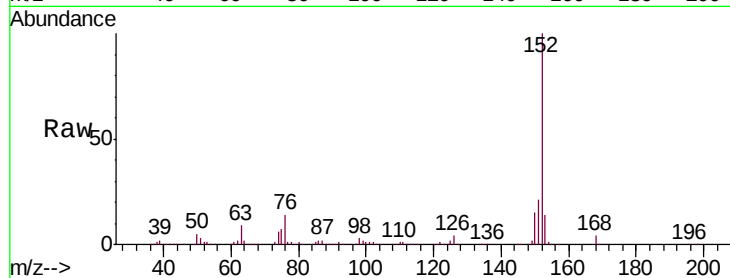
Tgt Ion:152 Resp: 926520

Ion Ratio Lower Upper

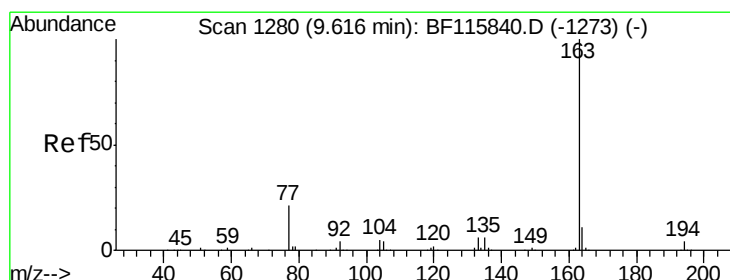
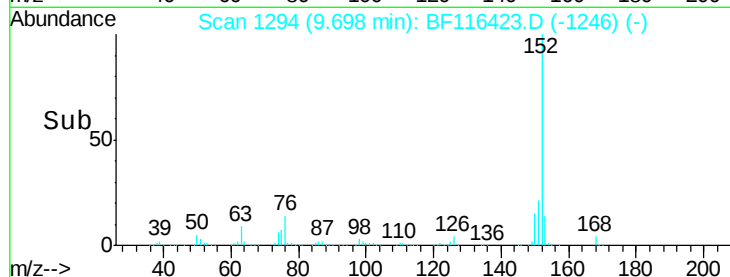
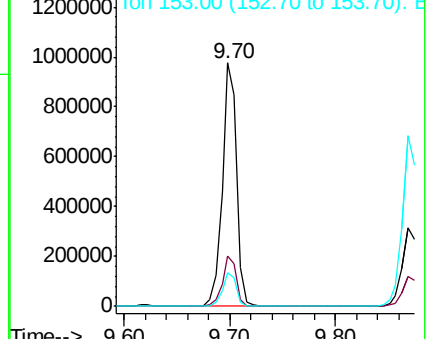
152 100

151 20.5 17.2 25.8

153 14.0 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: 38.879 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

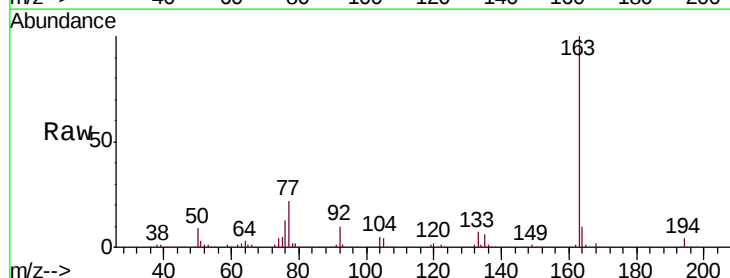
Tgt Ion:163 Resp: 717934

Ion Ratio Lower Upper

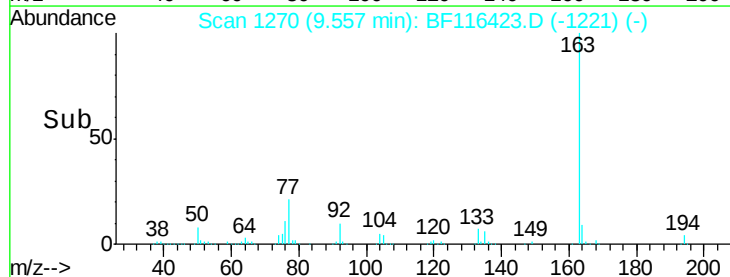
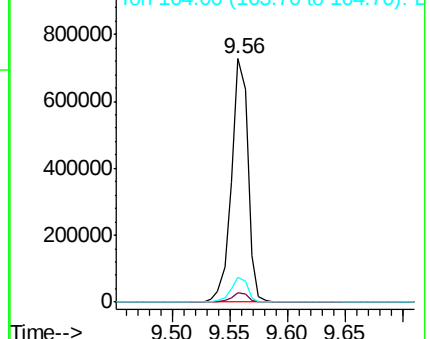
163 100

194 3.7 3.0 4.6

164 10.4 8.4 12.6



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

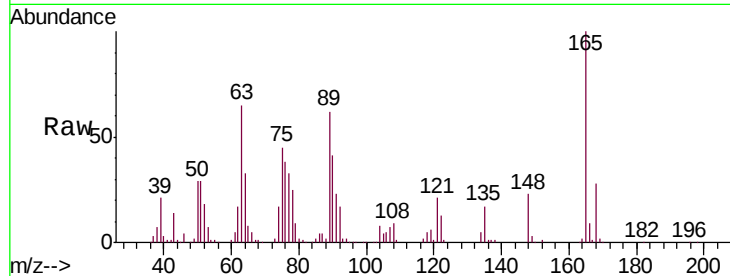




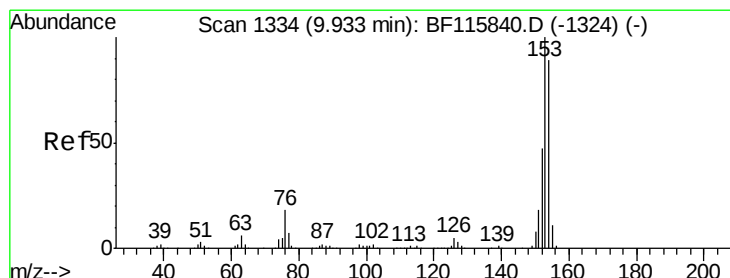
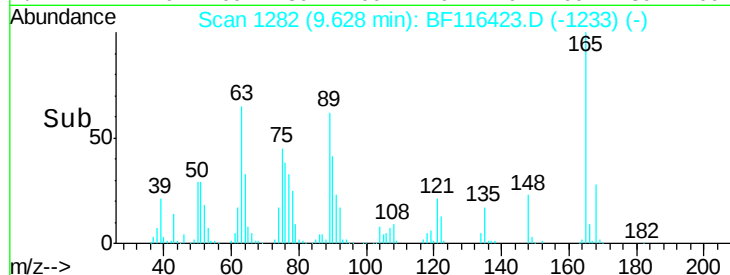
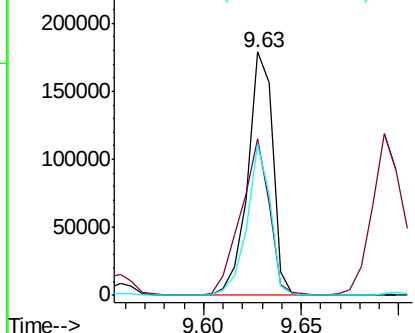
#51
2,6-Dinitrotoluene
Concen: 39.743 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion:165 Resp: 159487
Ion Ratio Lower Upper
165 100
63 64.6 38.2 57.2#
89 62.1 42.9 64.3

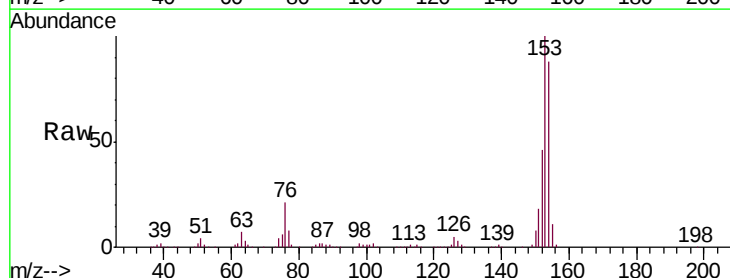


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

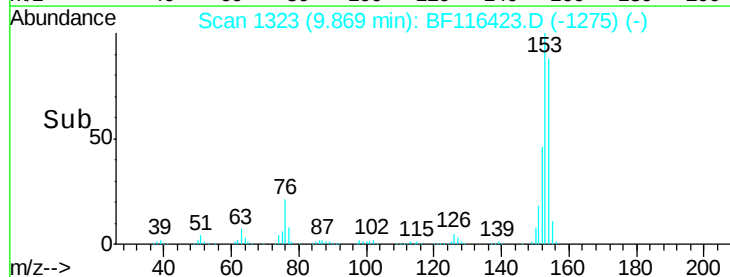
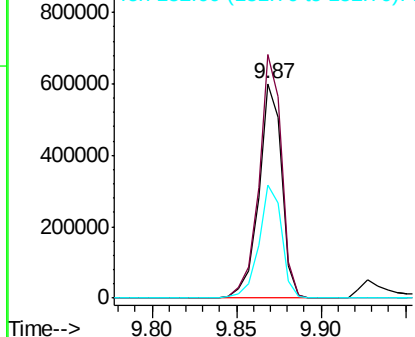


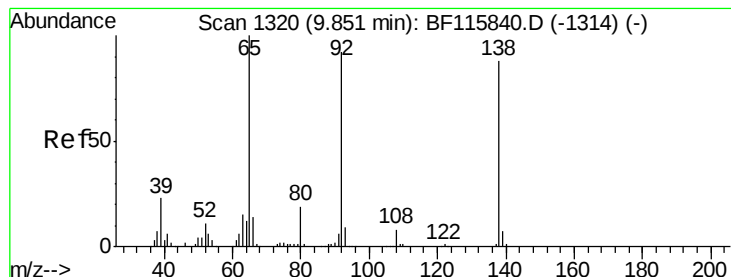
#52
Acenaphthene
Concen: 39.562 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion:154 Resp: 564264
Ion Ratio Lower Upper
154 100
153 113.3 89.4 134.0
152 52.6 42.3 63.5



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





#53

3-Nitroaniline

Concen: 26.777 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

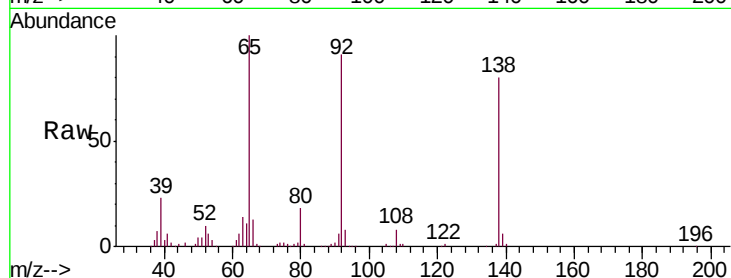
Tgt Ion:138 Resp: 132775

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

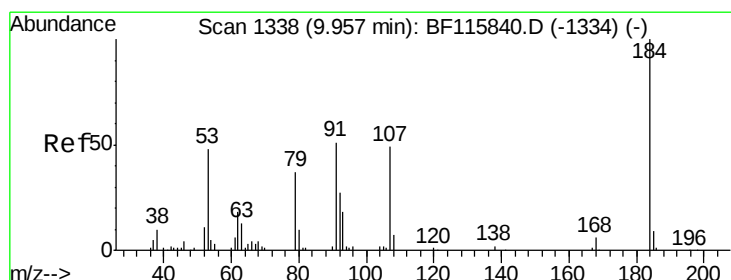
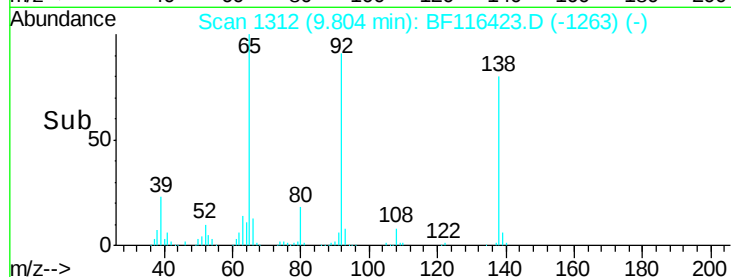
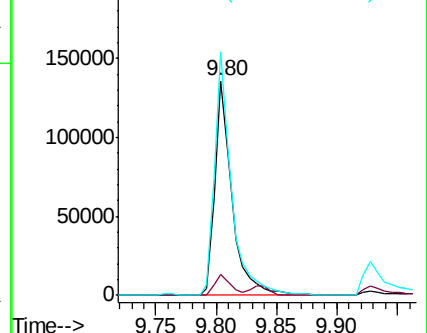
92 113.4 91.0 136.6



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: 55.613 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

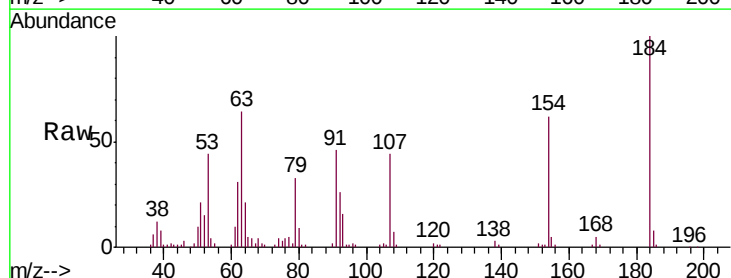
Tgt Ion:184 Resp: 108120

Ion Ratio Lower Upper

184 100

63 64.4 53.0 79.4

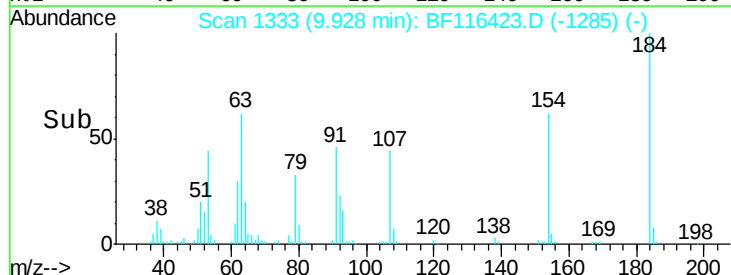
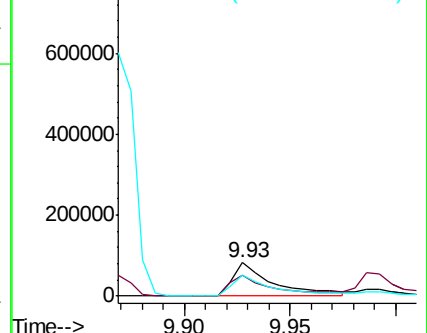
154 62.4 50.1 75.1

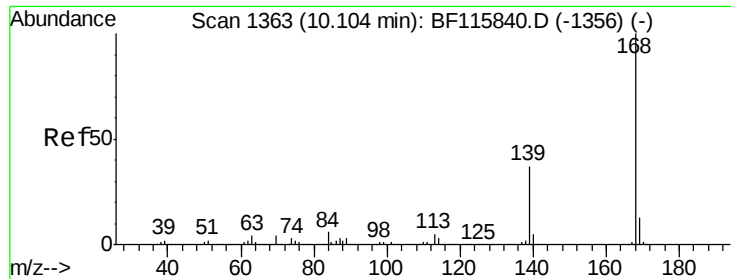


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.222 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

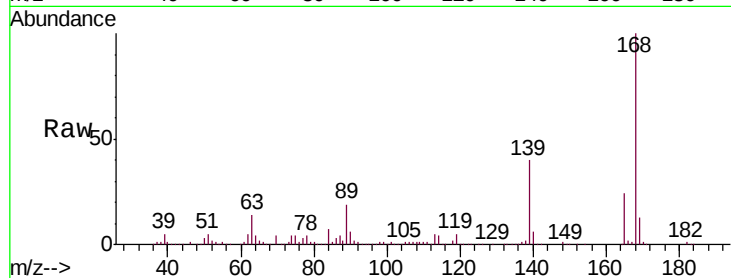
Tgt Ion:168 Resp: 792796

Ion Ratio Lower Upper

168 100

139 39.9 31.4 47.2

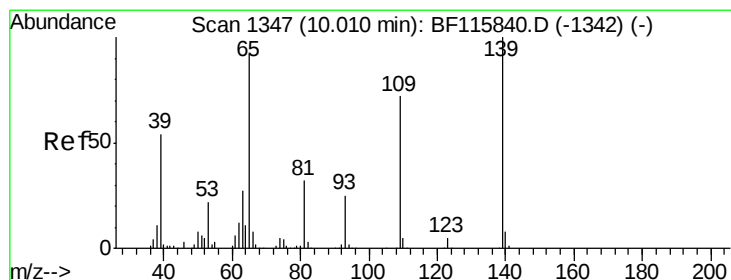
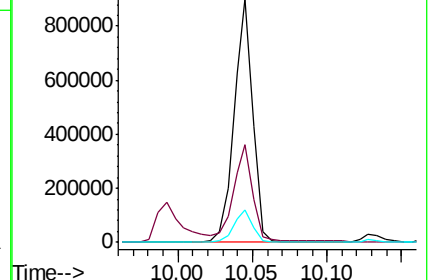
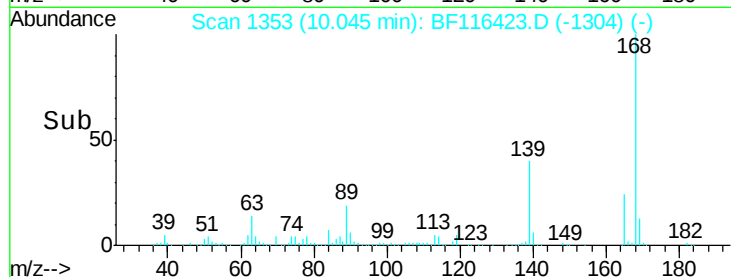
169 13.5 10.9 16.3



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: 56.213 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

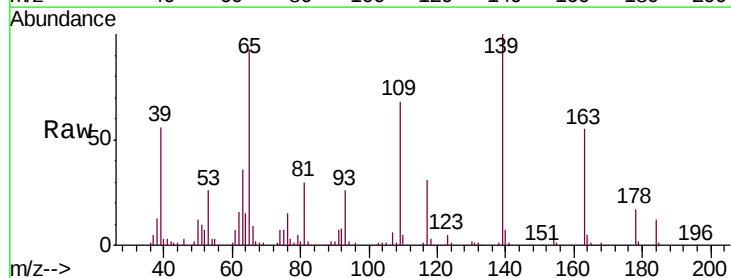
Tgt Ion:139 Resp: 178555

Ion Ratio Lower Upper

139 100

109 68.2 54.4 94.4

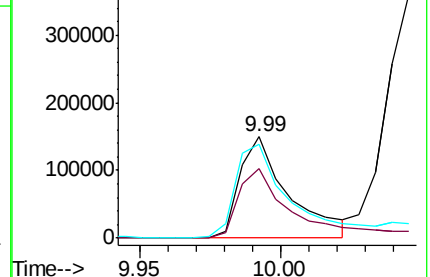
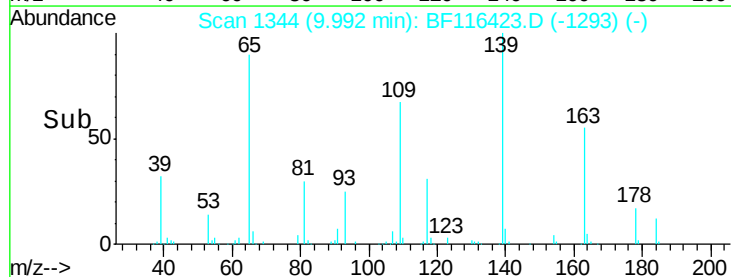
65 93.2 80.6 120.6



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

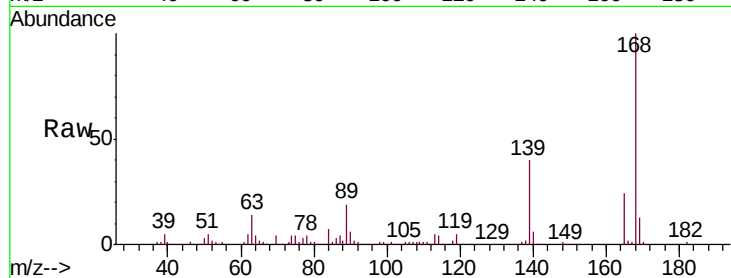




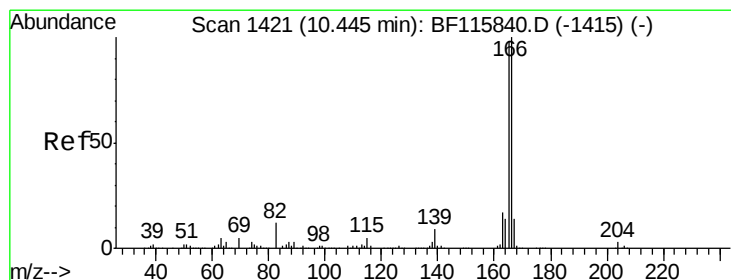
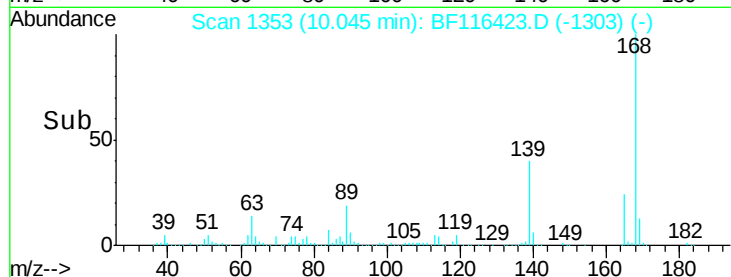
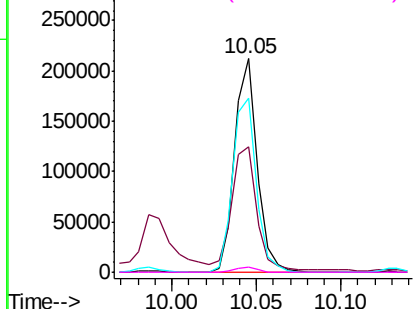
#57
 2,4-Dinitrotoluene
 Concen: 36.749 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion:	165	Resp:	196347
Ion	Ratio	Lower	Upper
165	100		
63	58.9	39.6	59.4
89	81.6	62.2	93.2
182	2.5	2.1	3.1

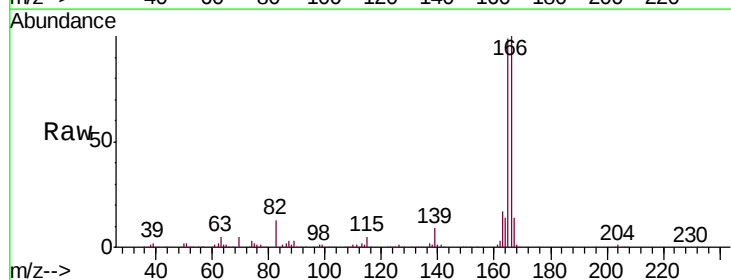


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

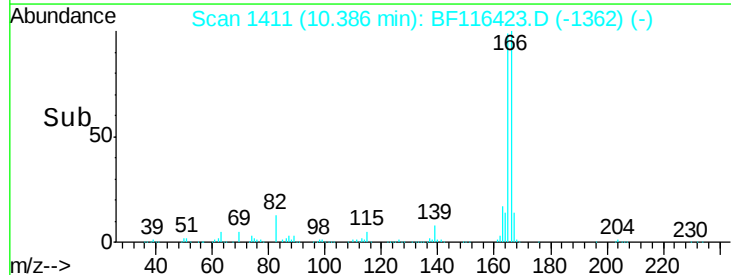
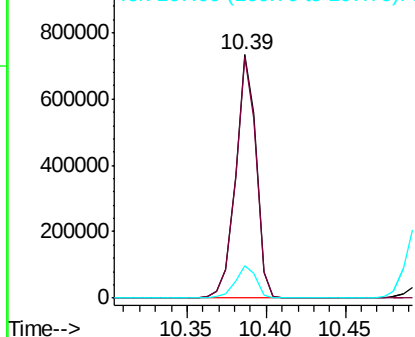


#58
 Fluorene
 Concen: 41.231 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion:	166	Resp:	657979
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

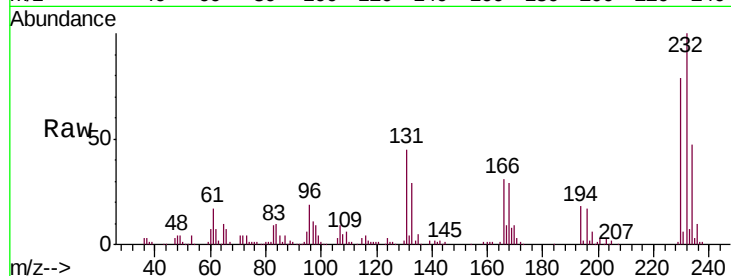




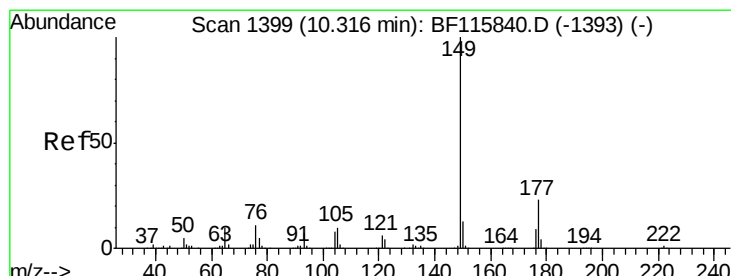
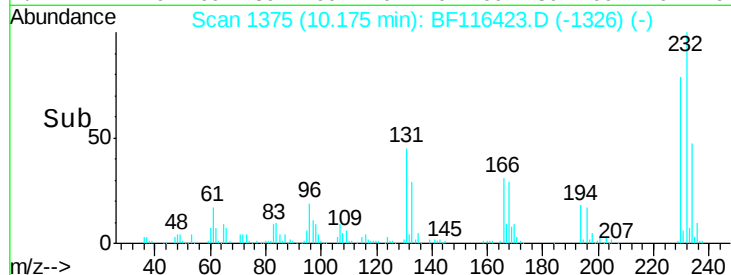
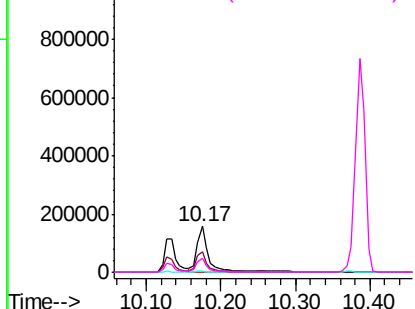
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.532 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion: 232 Resp: 171571
Ion Ratio Lower Upper
232 100
131 41.3 36.2 54.2
130 2.4 1.9 2.9
166 27.8 23.0 34.4

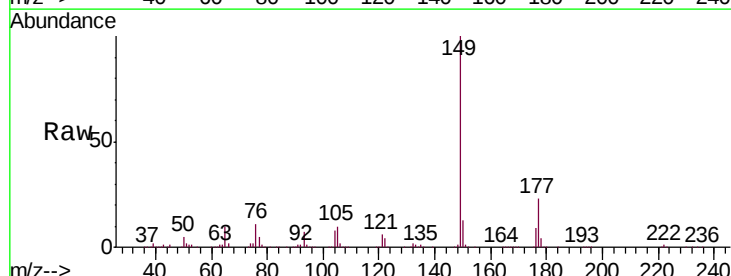


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

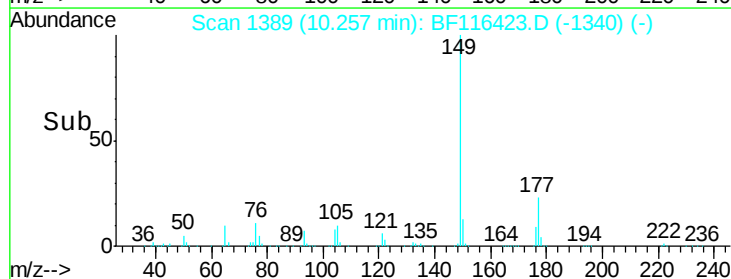
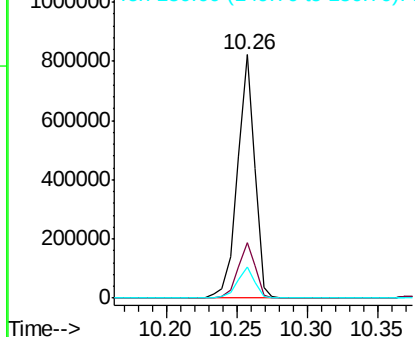


#60
Diethylphthalate
Concen: 40.347 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion: 149 Resp: 695595
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 12.7 10.2 15.4



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

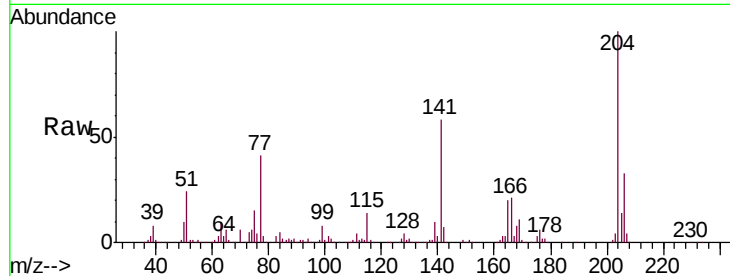




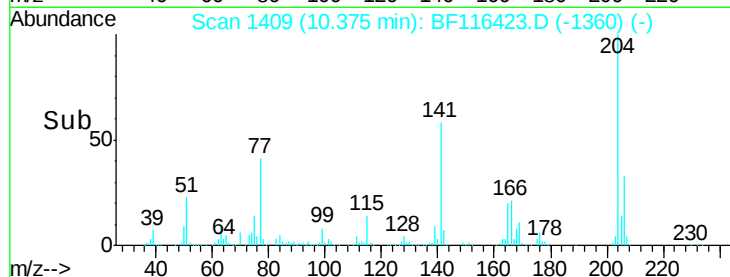
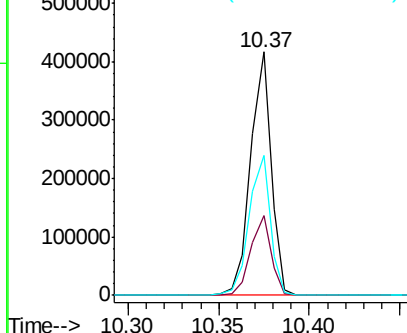
#61
4-Chlorophenyl-phenylether
Concen: 41.039 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion:204 Resp: 331676
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 57.7 46.4 69.6

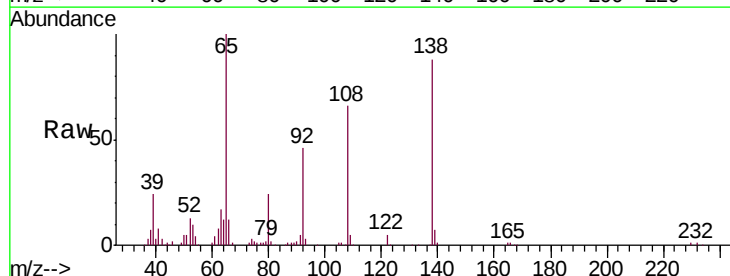


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

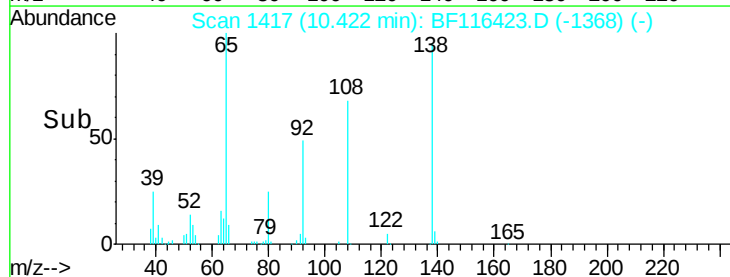
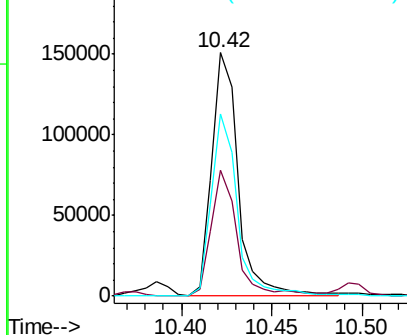


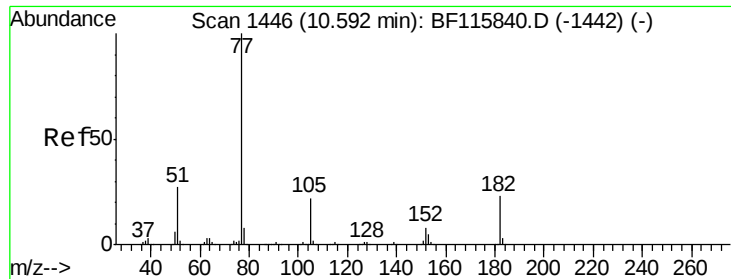
#62
4-Nitroaniline
Concen: 30.048 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion:138 Resp: 153974
Ion Ratio Lower Upper
138 100
92 51.7 29.0 69.0
108 74.8 54.7 94.7



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





#63

Azobenzene

Concen: 40.712 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

Tgt Ion: 77 Resp: 721933

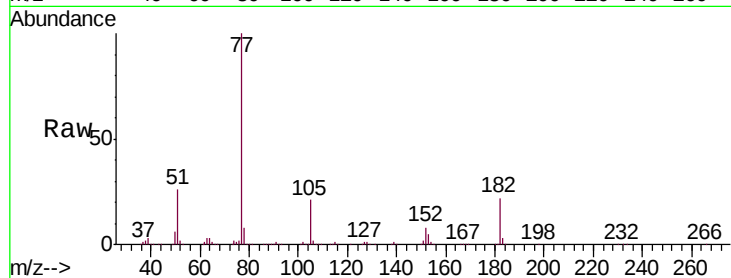
Ion Ratio Lower Upper

77 100

182 22.5 4.0 44.0

105 21.5 2.0 42.0

51 26.2 7.5 47.5

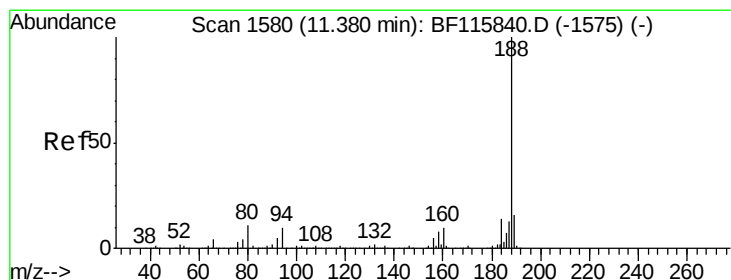
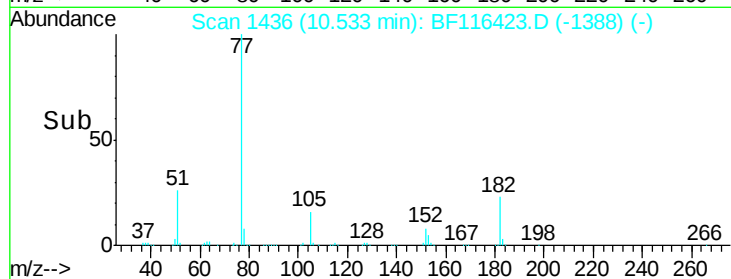
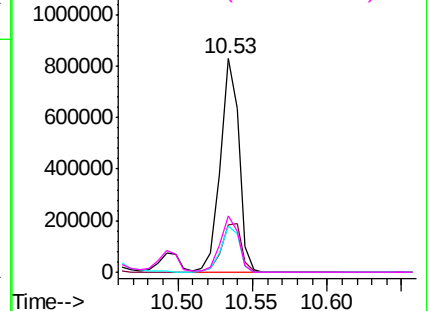


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

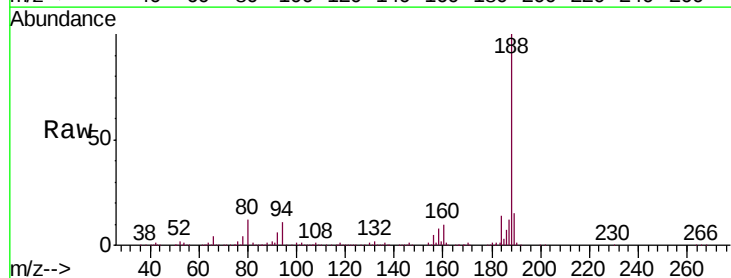
Tgt Ion: 188 Resp: 469317

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

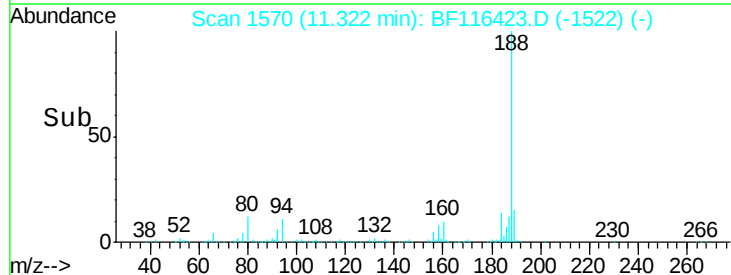
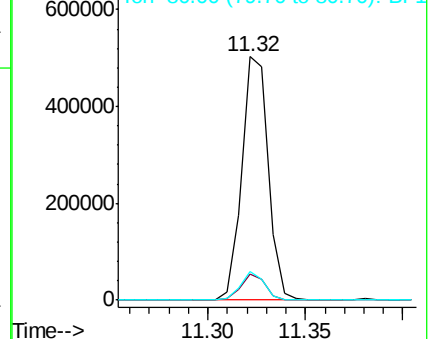
80 11.8 8.7 13.1

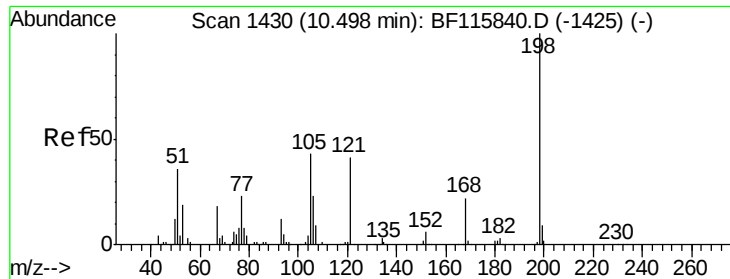


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

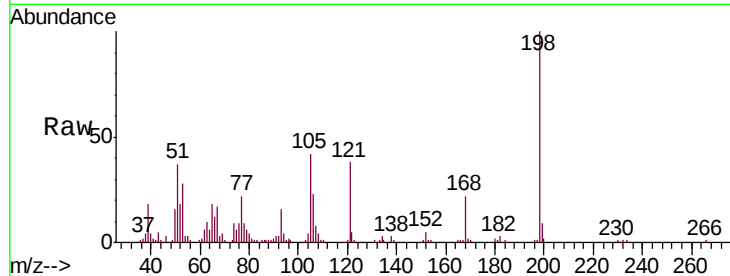




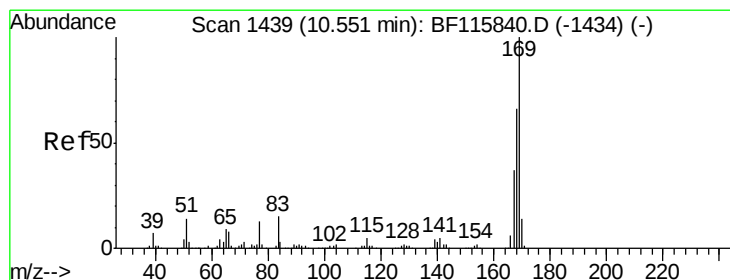
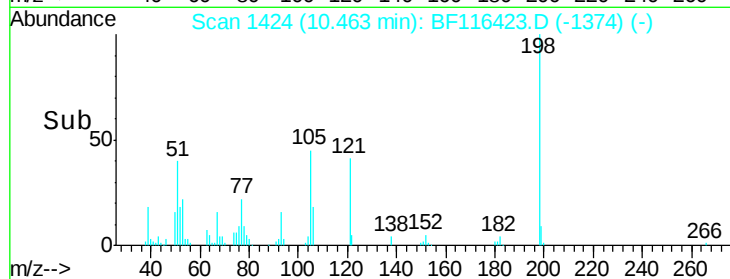
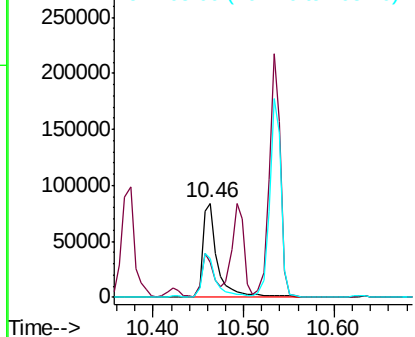
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.214 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.4	17.0	57.0
105	41.8	21.6	61.6

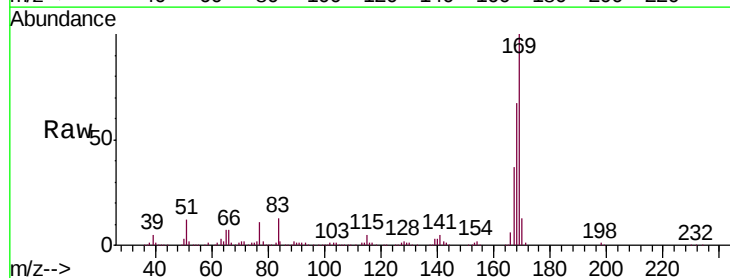


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

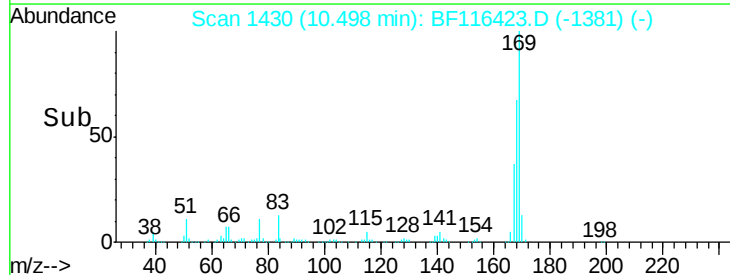
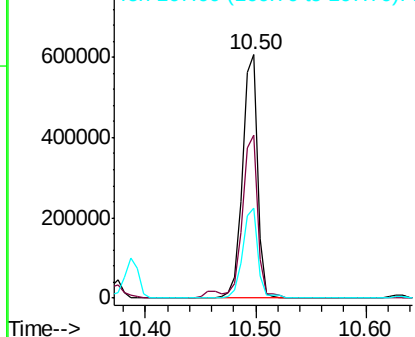


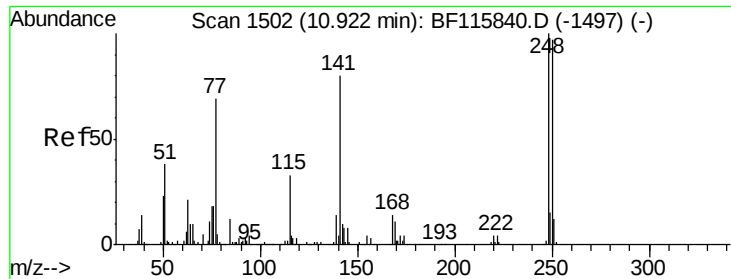
#66
 n-Nitrosodiphenylamine
 Concen: 41.147 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.6
167	36.8	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

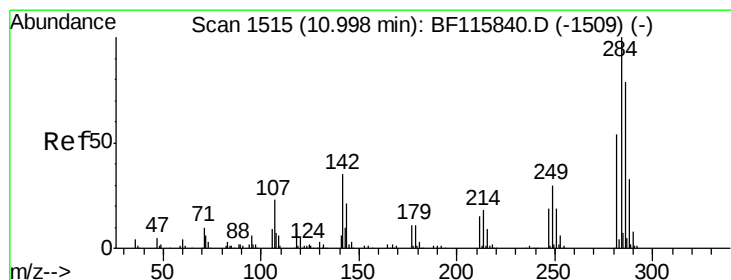
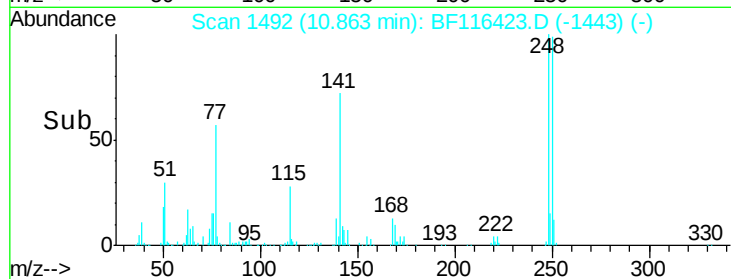
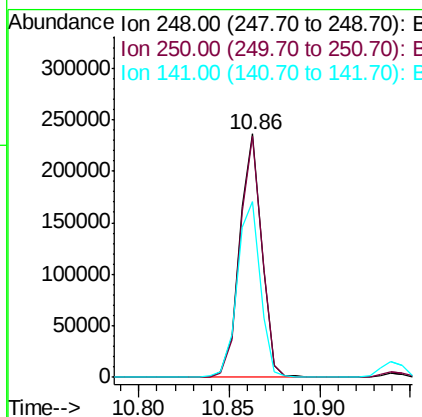
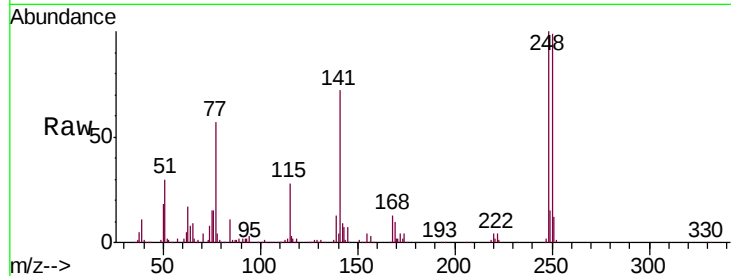




#67
4-Bromophenyl-phenylether
Concen: 39.617 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

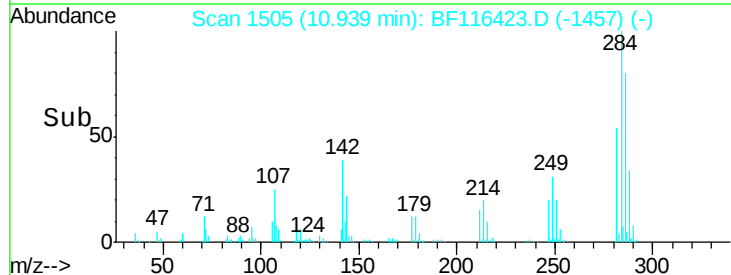
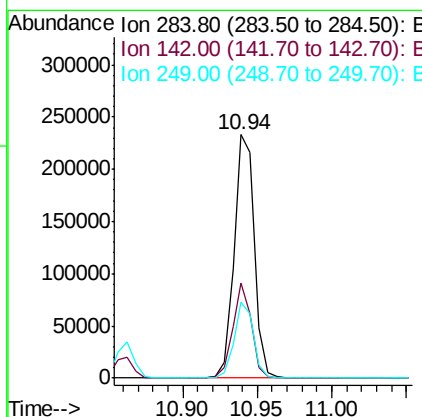
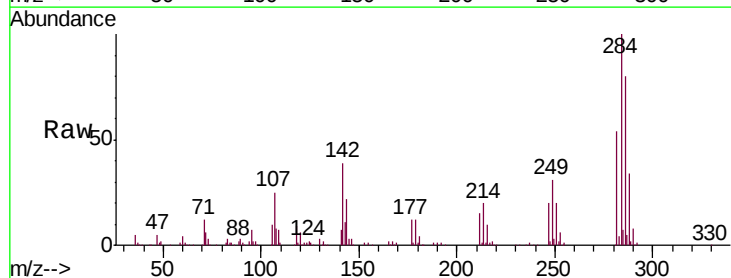
Instrument :
BNA_F
ClientSampleId :
PB122344BS

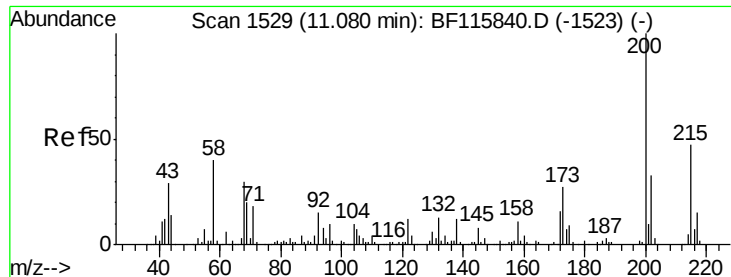
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.4	116.2
141	72.1	56.8	85.2



#68
Hexachlorobenzene
Concen: 38.273 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	28.4	42.6
249	31.4	24.5	36.7





#69

Atrazine

Concen: 37.091 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

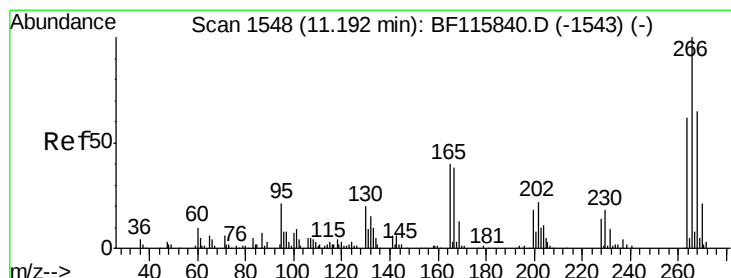
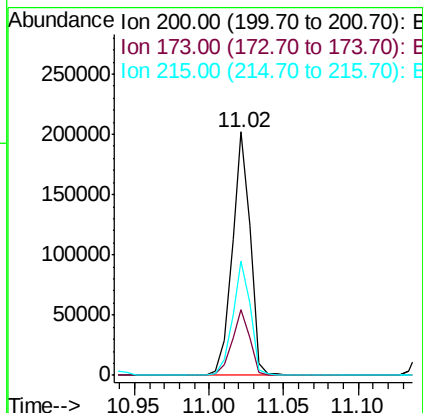
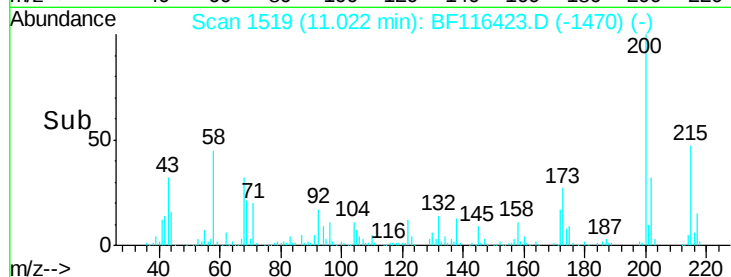
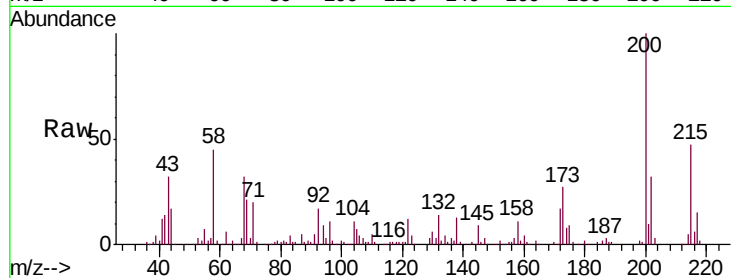
Tgt Ion:200 Resp: 172366

Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

215 46.9 27.5 67.5



#70

Pentachlorophenol

Concen: 55.810 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

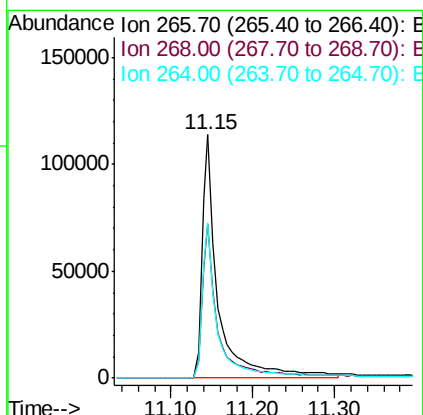
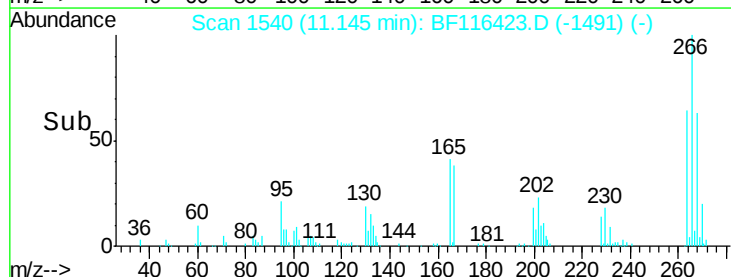
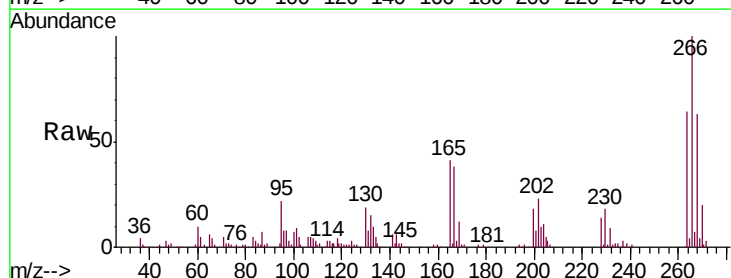
Tgt Ion:266 Resp: 157412

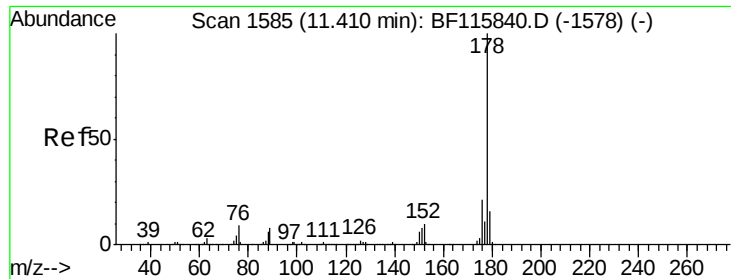
Ion Ratio Lower Upper

266 100

268 63.0 48.8 73.2

264 63.5 50.6 76.0





#71

Phenanthrene

Concen: 39.938 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

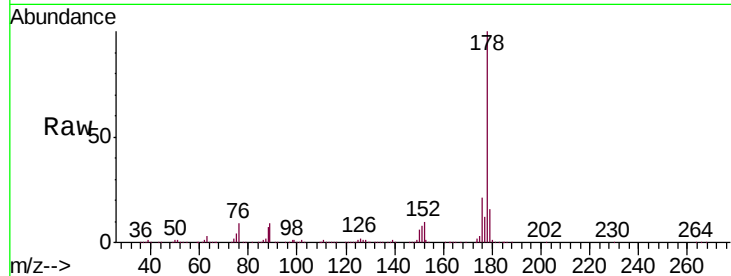
Tgt Ion:178 Resp: 958219

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

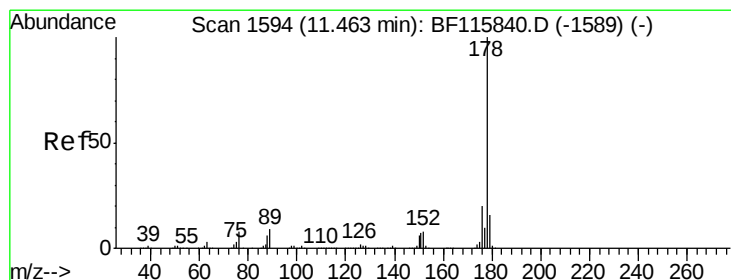
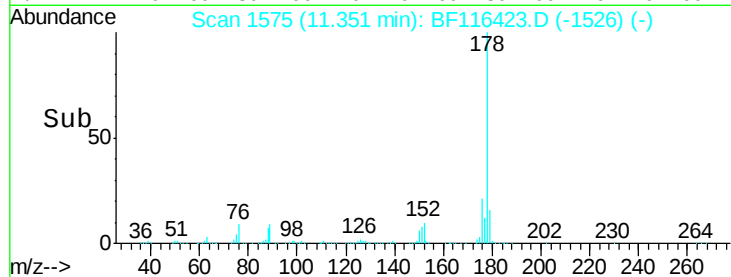
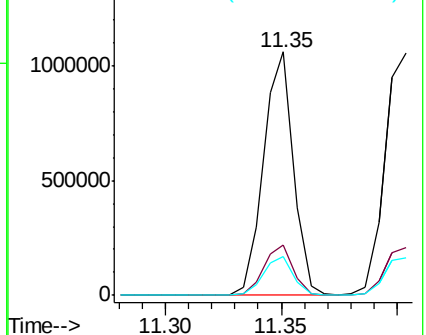
179 15.9 12.5 18.7



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: 40.543 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

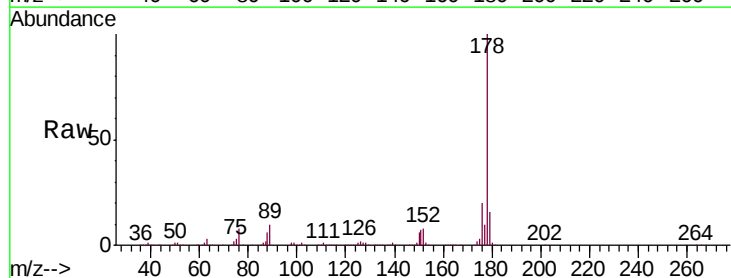
Tgt Ion:178 Resp: 984432

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

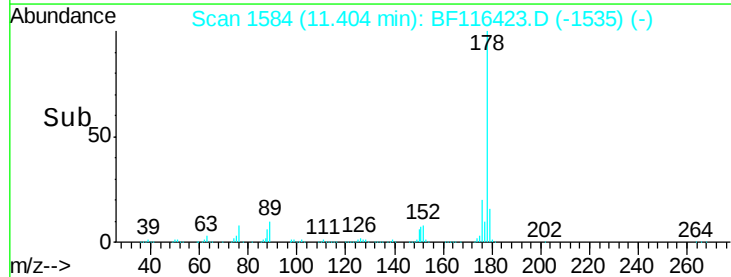
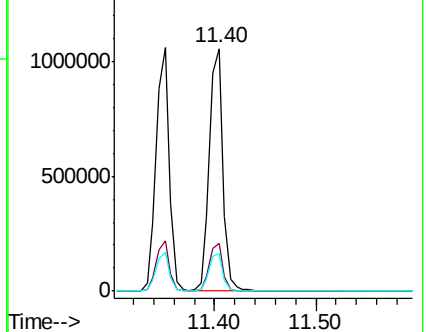
179 15.7 13.0 19.6

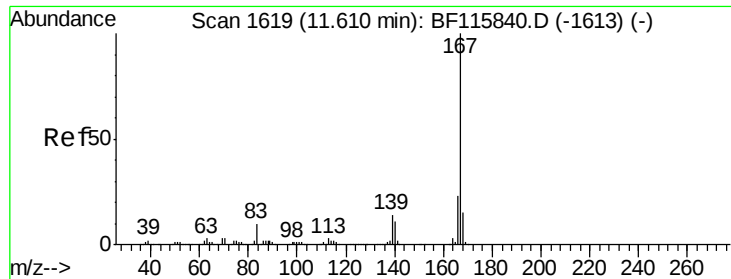


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

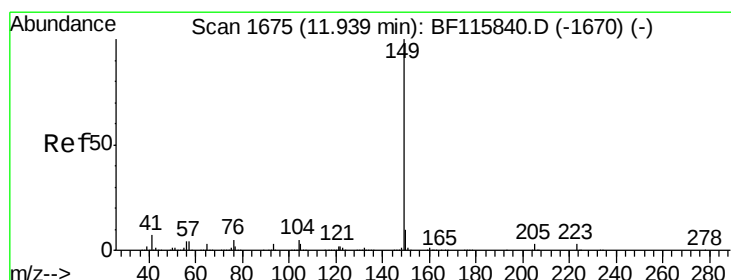
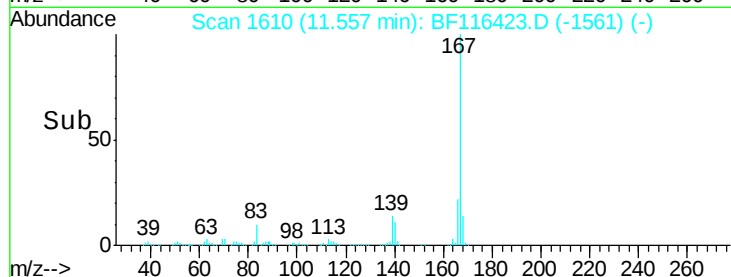
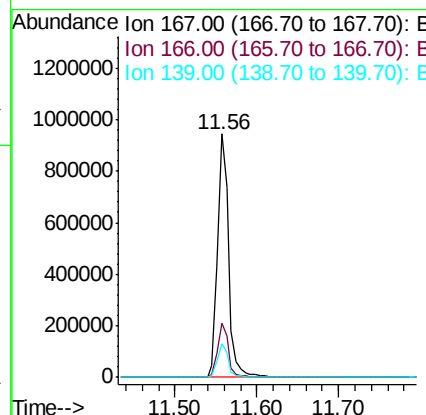
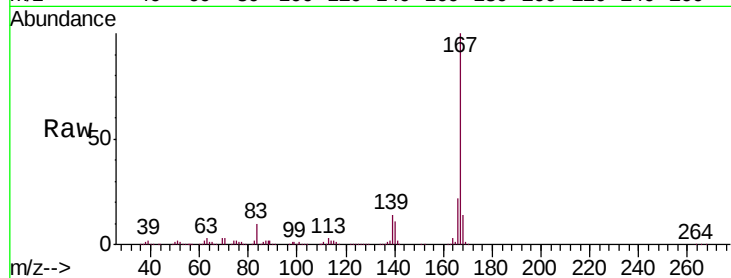




#73
 Carbazole
 Concen: 39.964 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

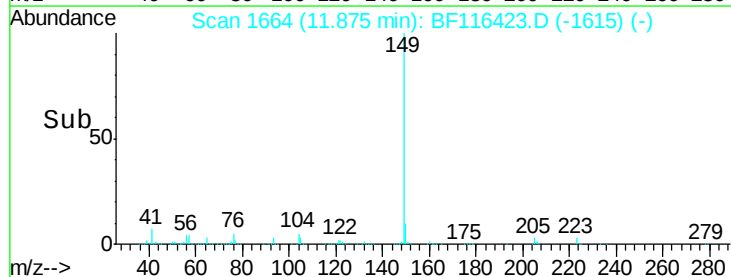
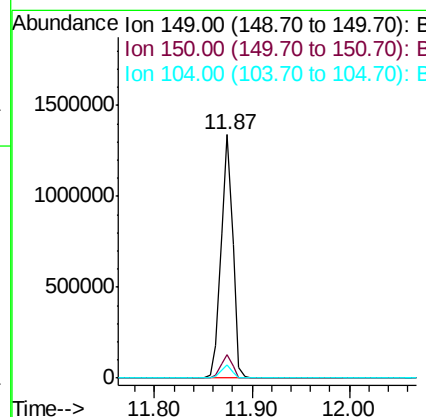
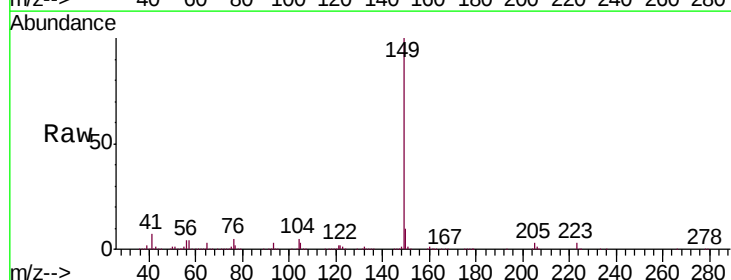
Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

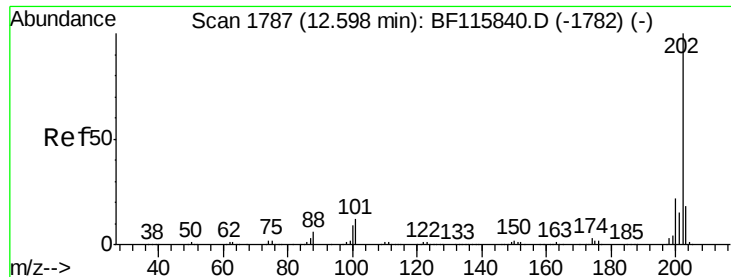
Tgt Ion:167 Resp: 880385
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.0 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.297 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion:149 Resp: 1112650
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.2 4.5 6.7

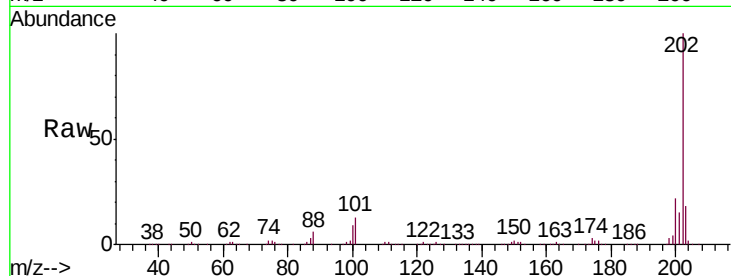




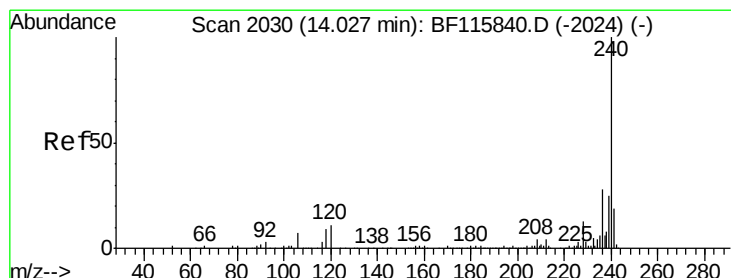
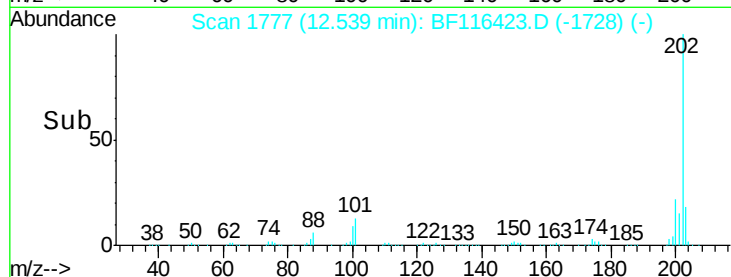
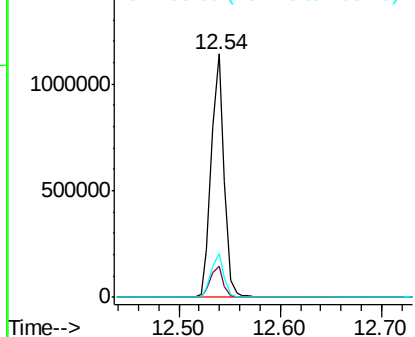
#75
 Fluoranthene
 Concen: 40.141 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.2
203	18.2	0.0	37.8

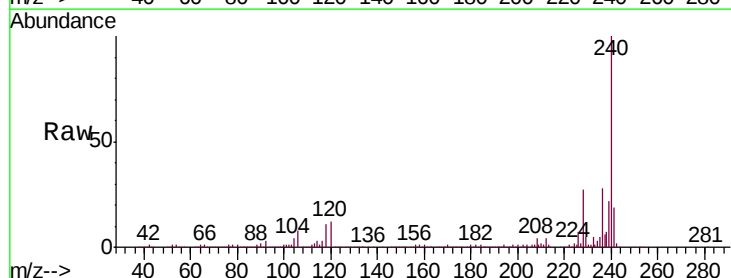


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

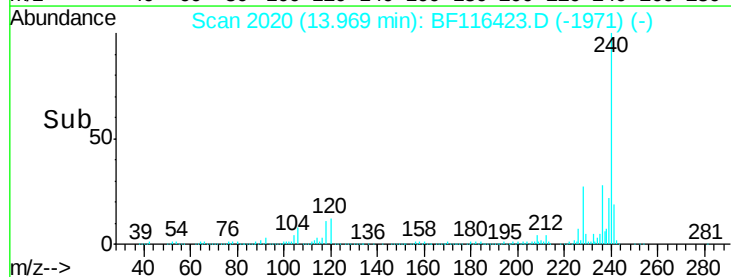
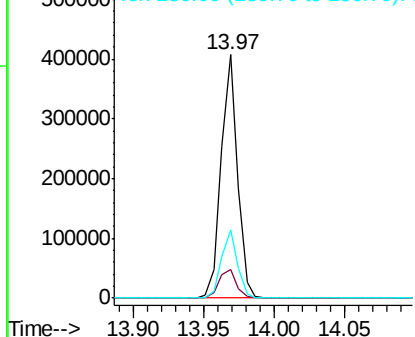


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.9	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.179 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

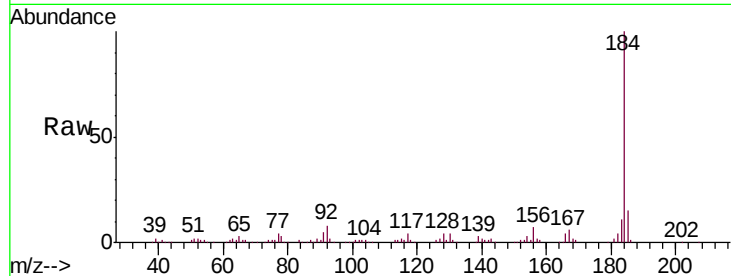
Tgt Ion:184 Resp: 202051

Ion Ratio Lower Upper

184 100

185 15.3 12.8 19.2

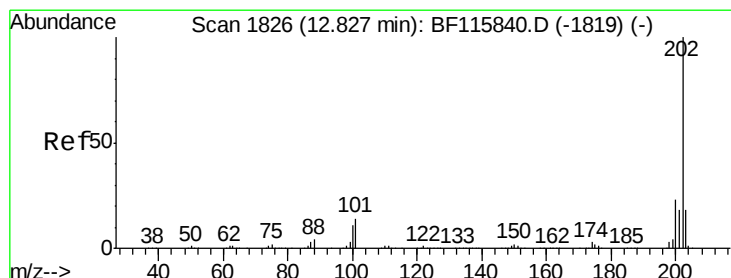
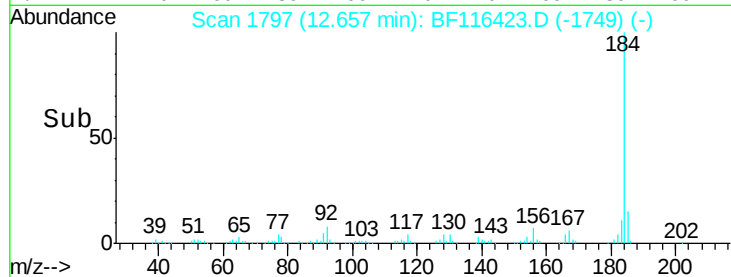
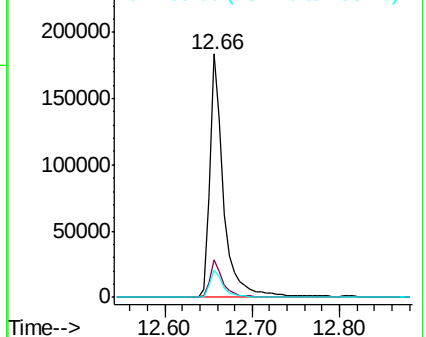
183 11.4 9.4 14.0



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: 41.509 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

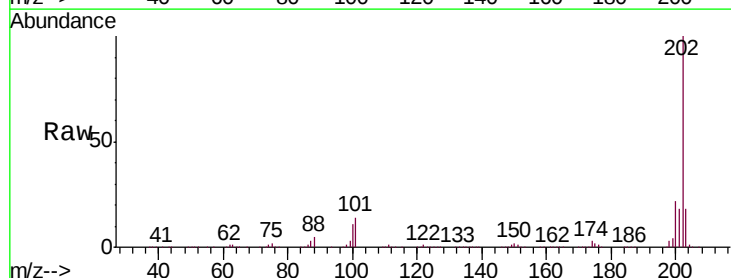
Tgt Ion:202 Resp: 1029381

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

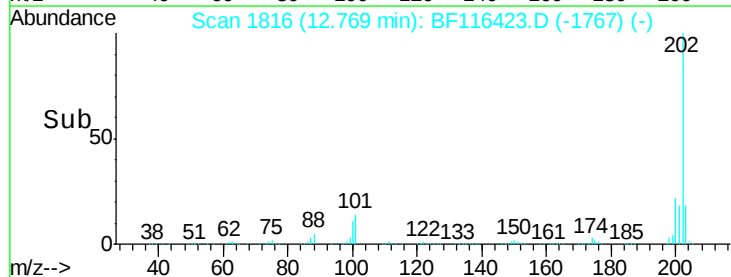
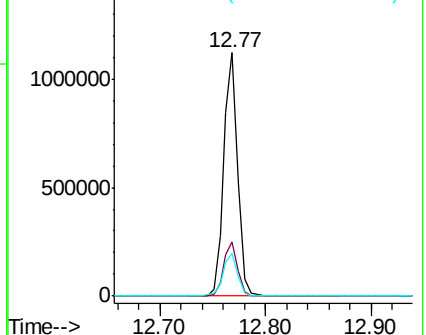
203 17.6 14.1 21.1



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: 79.868 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

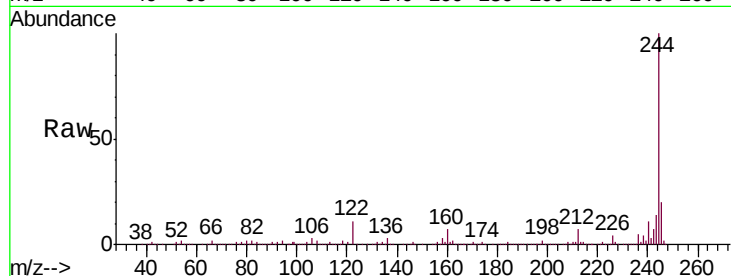
BNA_F

ClientSampleId :

PB122344BS

Tgt Ion:244 Resp: 1246947

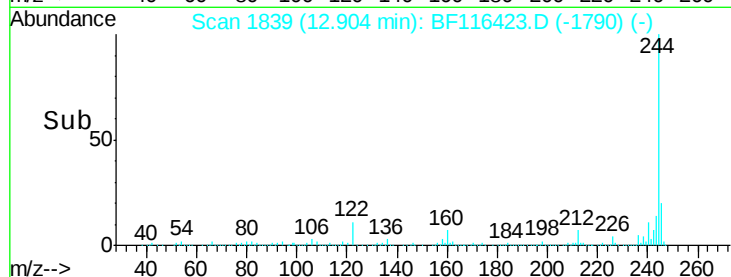
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.7	9.0	13.4



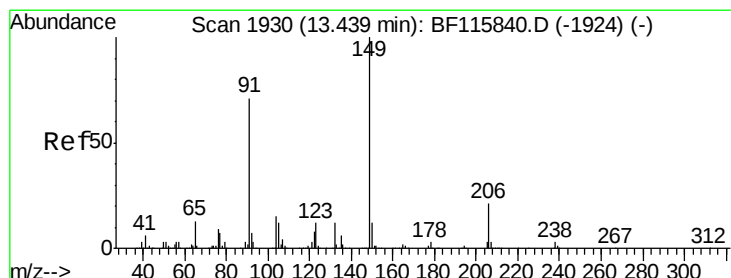
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 44.801 ng

RT: 13.37 min Scan# 1918

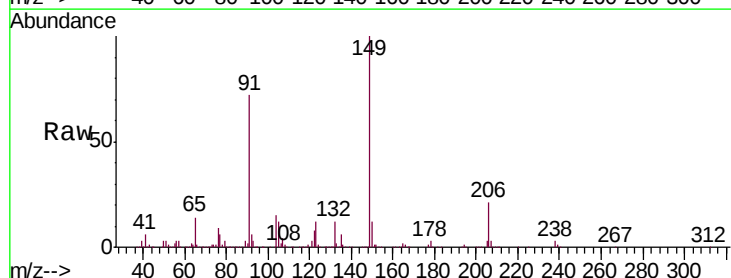
Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:149 Resp: 469967

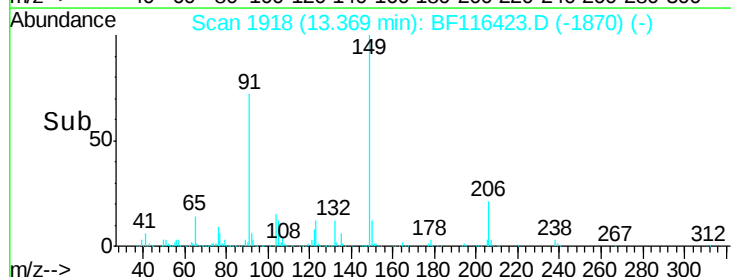
Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.3	84.5
206	21.1	18.0	27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 40.016 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

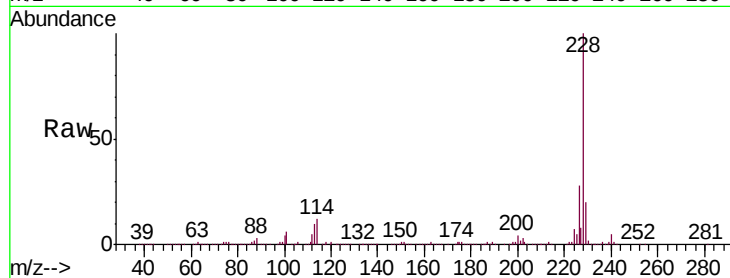
Tgt Ion:228 Resp: 841429

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

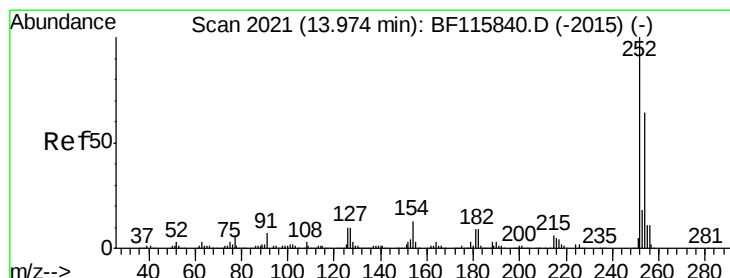
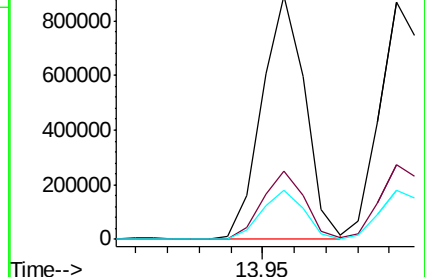
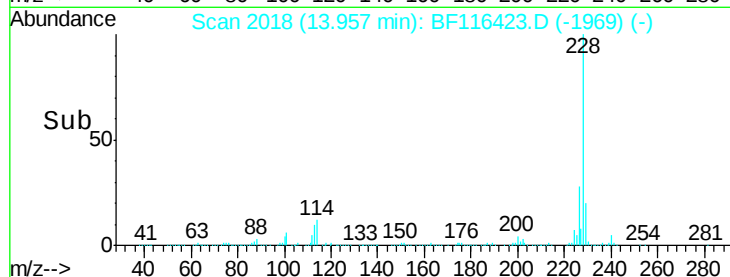
229 20.4 16.2 24.4



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: 35.840 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

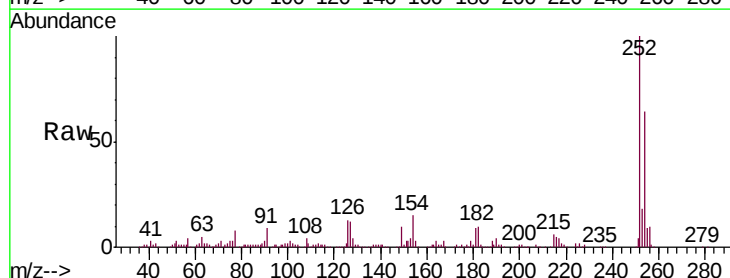
Tgt Ion:252 Resp: 261820

Ion Ratio Lower Upper

252 100

254 63.9 50.9 76.3

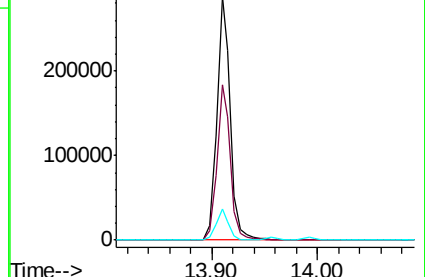
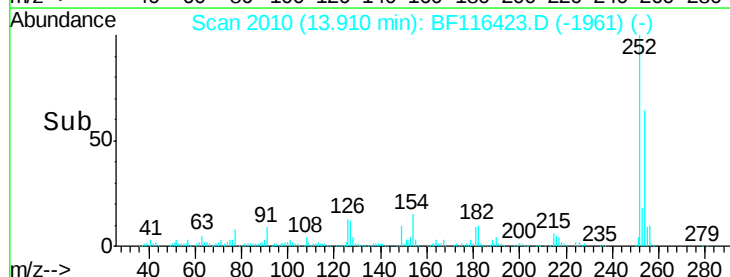
126 12.7 9.8 14.8



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: 40.278 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

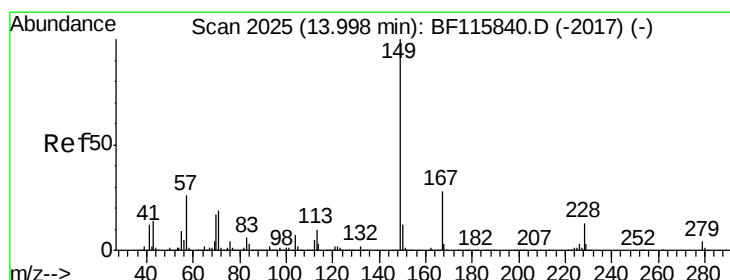
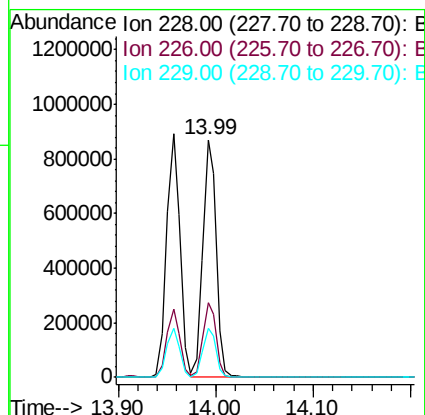
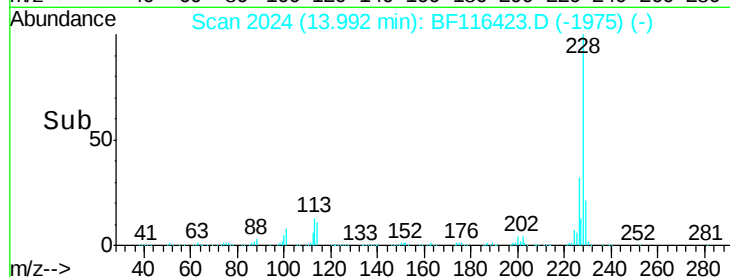
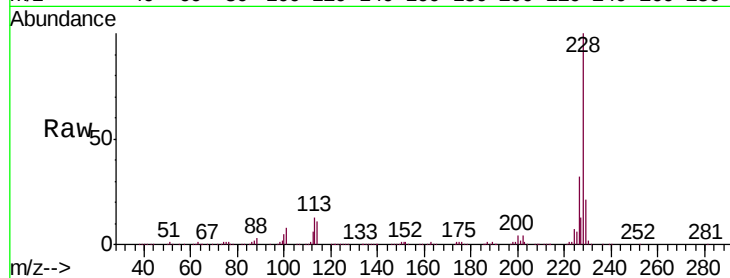
Tgt Ion:228 Resp: 822249

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

229 20.8 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.490 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

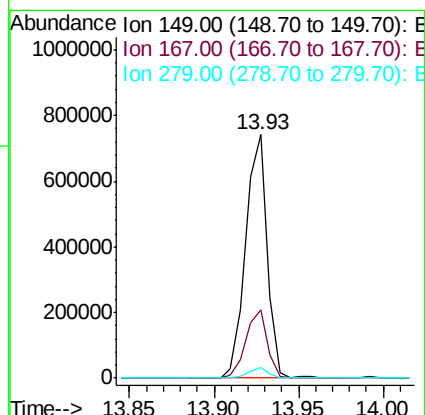
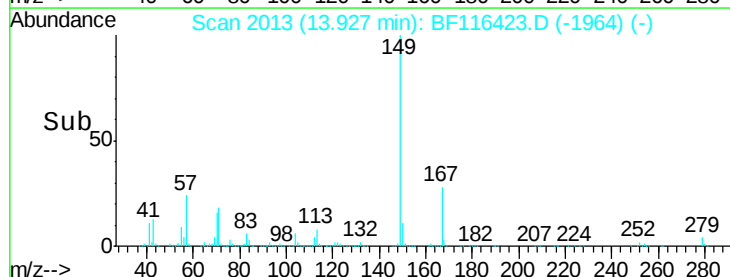
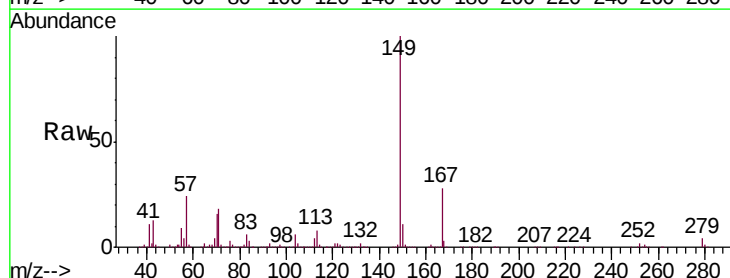
Tgt Ion:149 Resp: 661009

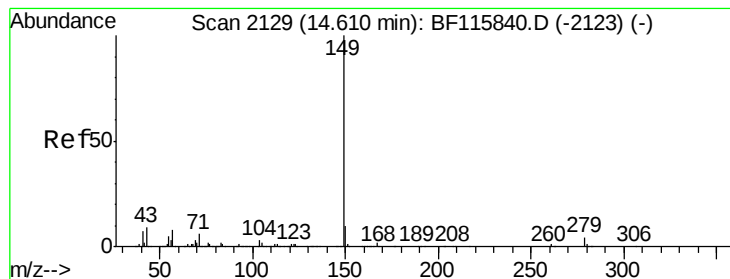
Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 48.437 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

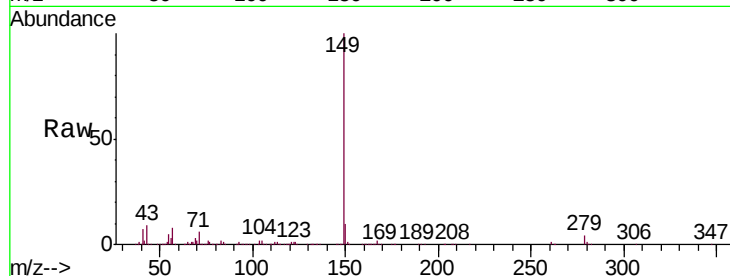
Tgt Ion:149 Resp: 1048776

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

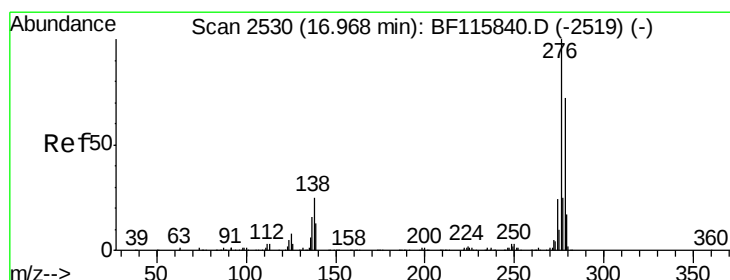
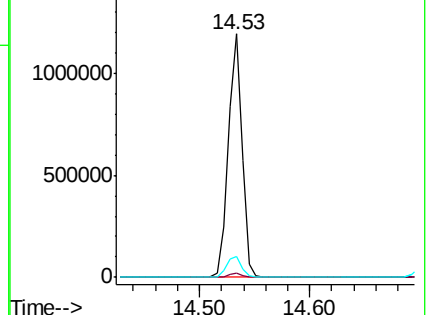
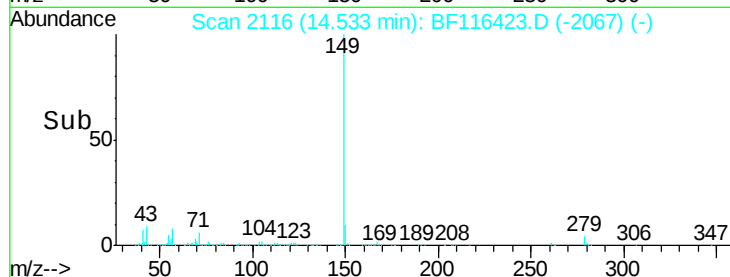
43 8.9 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.439 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

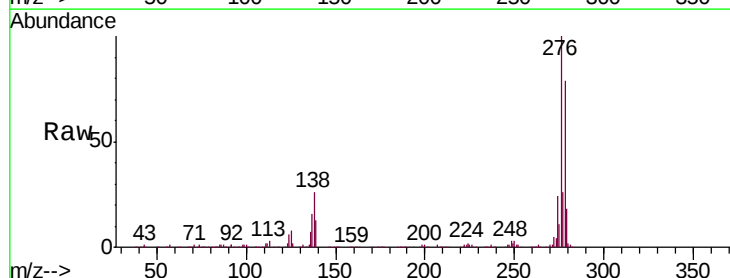
Tgt Ion:276 Resp: 710505

Ion Ratio Lower Upper

276 100

138 26.1 20.4 30.6

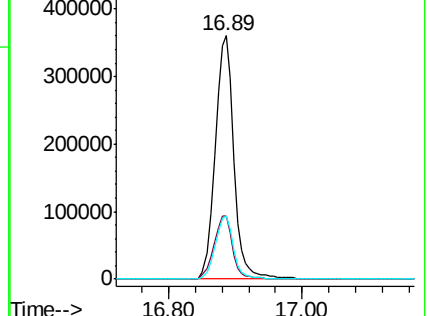
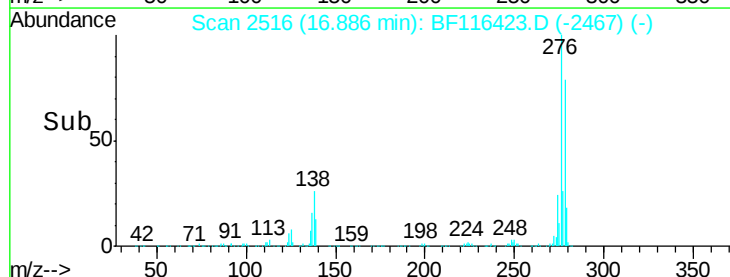
277 25.3 20.0 30.0

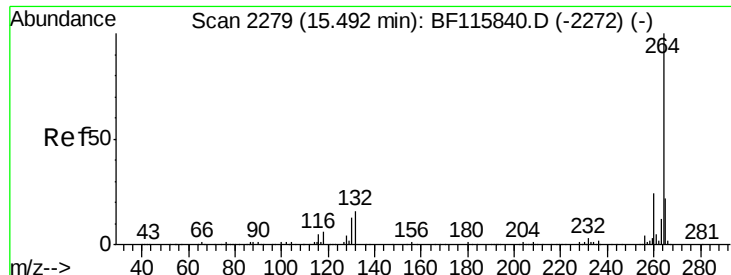


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



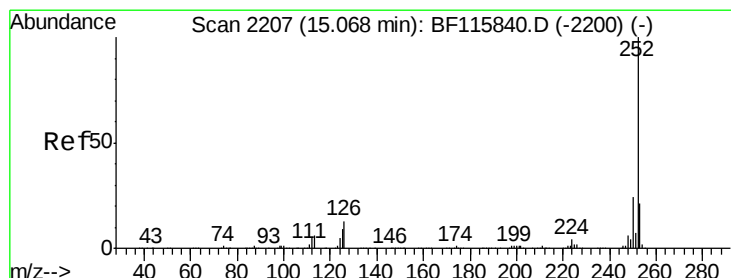
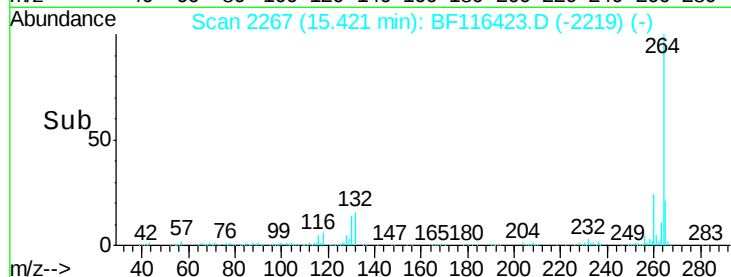
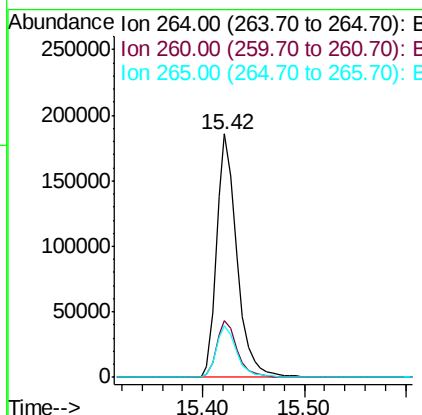
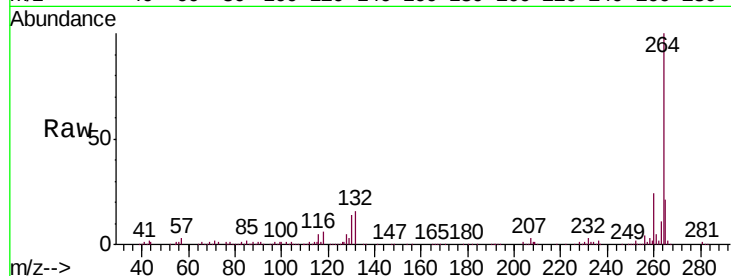


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion: 264 Resp: 257920

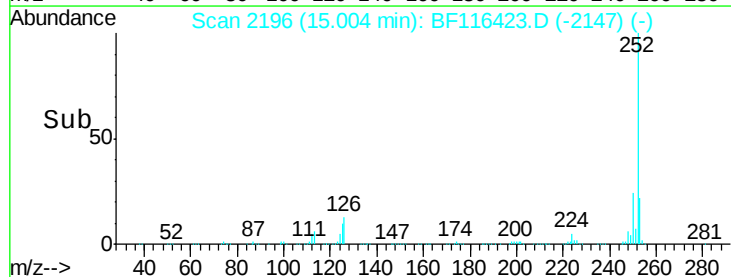
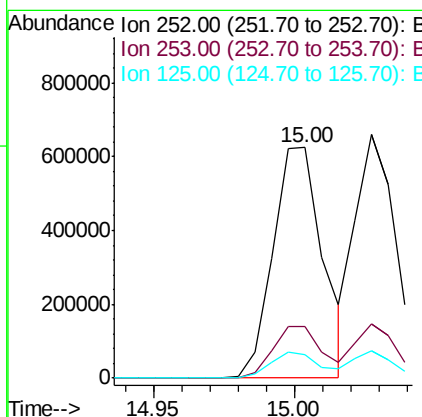
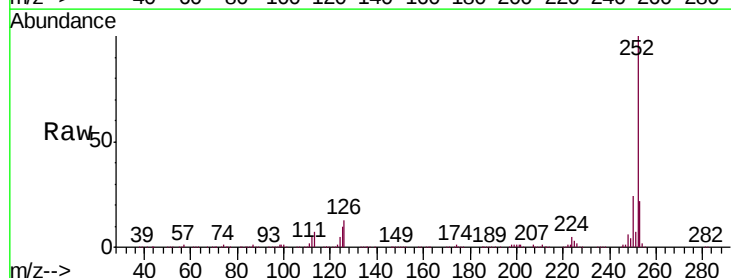
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	21.2	17.4	26.0

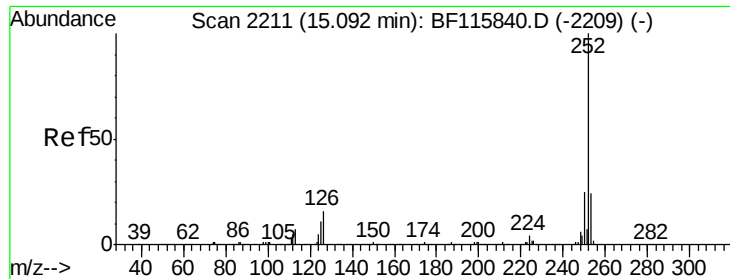


#88
Benzo(b)fluoranthene
Concen: 51.398 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion: 252 Resp: 766508

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.1	8.4	12.6

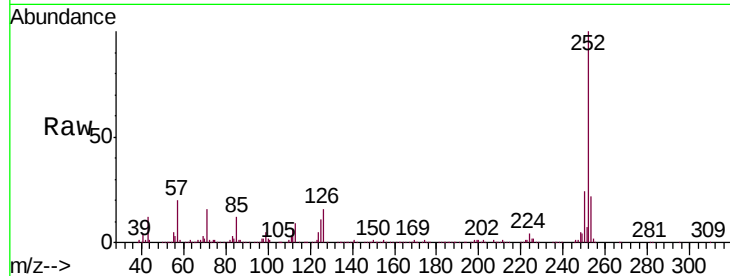




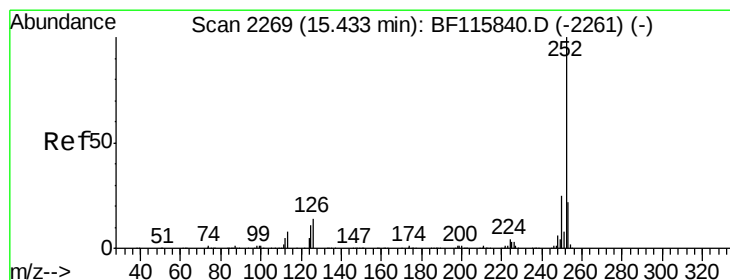
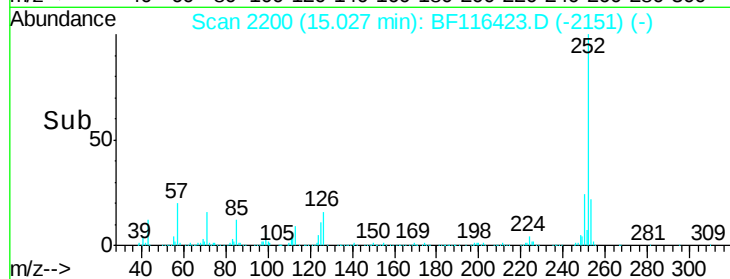
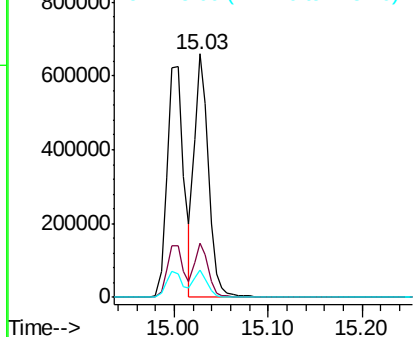
#89
Benzo(k)fluoranthene
Concen: 47.056 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion: 252 Resp: 683517
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.5 7.7 11.5

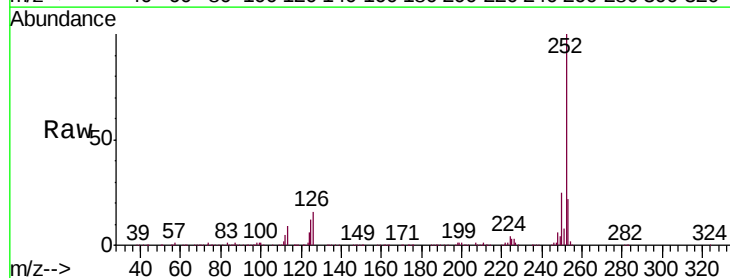


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

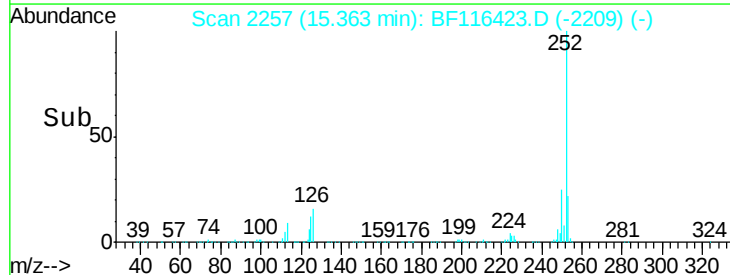
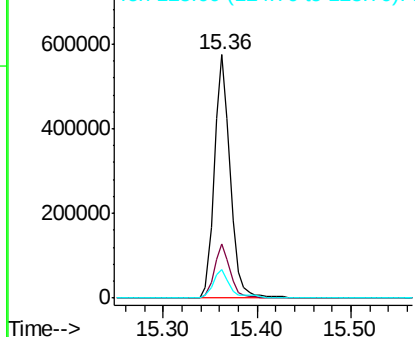


#90
Benzo(a)pyrene
Concen: 51.346 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion: 252 Resp: 684513
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.534 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

ClientSampleId :

PB122344BS

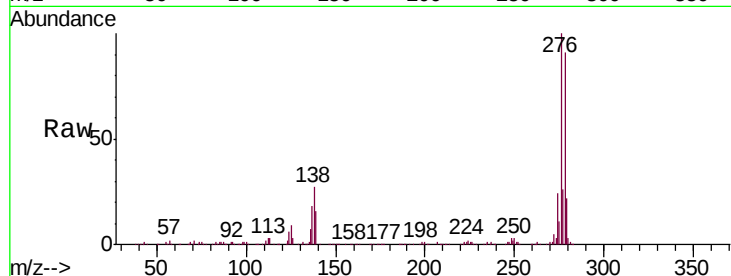
Tgt Ion:278 Resp: 606220

Ion Ratio Lower Upper

278 100

139 17.4 12.8 19.2

279 24.0 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

16.88

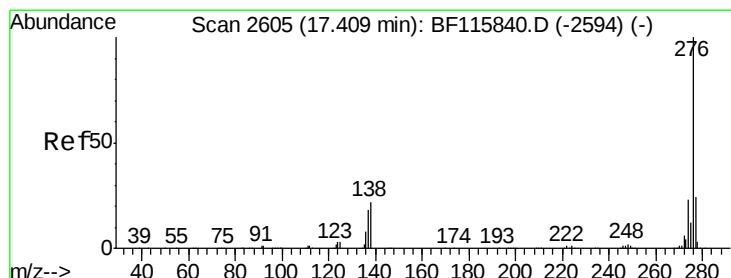
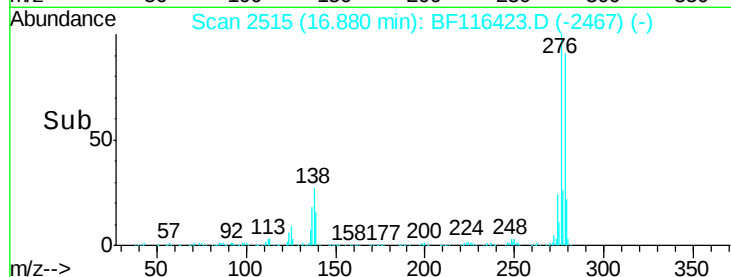
300000

200000

100000

0

Time--> 16.80 17.00



#92

Benzo(g,h,i)perylene

Concen: 52.980 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

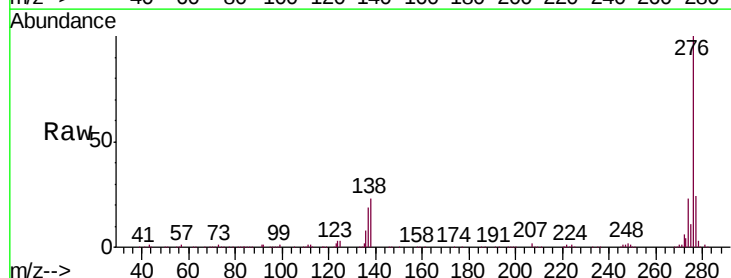
Tgt Ion:276 Resp: 600426

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 22.7 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.32

300000

200000

100000

0

Time--> 17.20 17.40 17.60

