

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116002.D
 Acq On : 6 Aug 2019 10:16
 Operator : HP/JU
 Sample : PB121973BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:10:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152364	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	619949	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	330395	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	571686	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	403644	20.00	ng	-0.02
87) Perylene-d12	15.47	264	345259	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	950103	104.39	ng	0.01
7) Phenol-d6	6.49	99	1213443	105.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	799140	74.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	339555	106.00	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1395479	79.11	ng	-0.02
79) Terphenyl-d14	12.95	244	1528327	79.78	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	173234	37.676	ng	99
3) Pyridine	3.46	79	372145	28.974	ng	99
4) n-Nitrosodimethylamine	3.40	42	175643	34.652	ng	98
6) Aniline	6.51	93	454195	27.619	ng	98
8) 2-Chlorophenol	6.63	128	395569	39.304	ng	100
9) Benzaldehyde	6.39	77	139188	17.567	ng	97
10) Phenol	6.50	94	508857	37.630	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	384808	38.706	ng	98
12) 1,3-Dichlorobenzene	6.79	146	417507	35.895	ng	99
13) 1,4-Dichlorobenzene	6.86	146	426890	36.655	ng	97
14) 1,2-Dichlorobenzene	7.02	146	401815	37.470	ng	99
15) Benzyl Alcohol	6.99	79	337281	38.704	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	516226	38.068	ng	93
17) 2-Methylphenol	7.10	107	335669	39.389	ng	99
18) Hexachloroethane	7.36	117	158372	36.935	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	274381	38.559	ng	98
20) 3+4-Methylphenols	7.25	107	403976	40.058	ng	# 82
22) Acetophenone	7.25	105	541300	39.812	ng	98
24) Nitrobenzene	7.43	77	443260	38.223	ng	96
25) Isophorone	7.66	82	805071	39.202	ng	99
26) 2-Nitrophenol	7.74	139	219635	40.178	ng	96
27) 2,4-Dimethylphenol	7.78	122	358763	43.622	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	492006	38.653	ng	99
29) 2,4-Dichlorophenol	7.99	162	345978	39.842	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	373292	37.712	ng	99
31) Naphthalene	8.15	128	1154751	39.582	ng	100
32) Benzoic acid	7.92	122	217591	37.526	ng	99
33) 4-Chloroaniline	8.19	127	340812	26.146	ng	99
34) Hexachlorobutadiene	8.26	225	211502	37.095	ng	99
35) Caprolactam	8.57	113	59680	21.249	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	357790	39.606	ng	95
37) 2-Methylnaphthalene	8.84	142	773207	40.243	ng	100
38) 1-Methylnaphthalene	8.94	142	719799	39.601	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	350979	39.736	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	205468	53.903	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	226906	37.322	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	243503	38.746	ng	99
46) 1,1'-Biphenyl	9.30	154	935033	40.086	ng	99
47) 2-Chloronaphthalene	9.33	162	724558	37.322	ng	98
48) 2-Nitroaniline	9.42	65	232157	36.178	ng	89
49) Acenaphthylene	9.74	152	1109760	39.182	ng	100
50) Dimethylphthalate	9.60	163	868095	38.589	ng	99
51) 2,6-Dinitrotoluene	9.66	165	192068	39.287	ng	# 87
52) Acenaphthene	9.92	154	663524	38.187	ng	99
53) 3-Nitroaniline	9.83	138	155974	25.820	ng	91
54) 2,4-Dinitrophenol	9.95	184	164907	67.656	ng	94
55) Dibenzofuran	10.09	168	992274	39.269	ng	98
56) 4-Nitrophenol	10.01	139	274772	71.006	ng	96
57) 2,4-Dinitrotoluene	10.07	165	250710	38.517	ng	98
58) Fluorene	10.43	166	765725	39.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212106	40.116	ng	98
60) Diethylphthalate	10.30	149	832598	39.642	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	385875	39.191	ng	99
62) 4-Nitroaniline	10.45	138	206718	33.113	ng	99
63) Azobenzene	10.58	77	853224	39.496	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	120931	39.917	ng	96
66) n-Nitrosodiphenylamine	10.54	169	689997	40.099	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240835	39.353	ng	97
68) Hexachlorobenzene	10.98	284	266147	37.609	ng	98
69) Atrazine	11.06	200	215443	38.059	ng	99
70) Pentachlorophenol	11.17	266	247670	72.087	ng	98
71) Phenanthrene	11.39	178	1130830	38.693	ng	100
72) Anthracene	11.45	178	1167968	39.488	ng	99
73) Carbazole	11.60	167	1057746	39.418	ng	98
74) Di-n-butylphthalate	11.92	149	1304655	41.678	ng	100
75) Fluoranthene	12.58	202	1190571	38.912	ng	100
77) Benzidine	12.70	184	392408	28.776	ng	97
78) Pyrene	12.81	202	1205707	39.626	ng	100
80) Butylbenzylphthalate	13.42	149	553917	43.036	ng	99
81) Benzo(a)anthracene	14.00	228	998374	38.697	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	318090	35.488	ng	# 99
83) Chrysene	14.03	228	970267	38.737	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	788122	47.121	ng	100
85) Di-n-octyl phthalate	14.59	149	1248790	47.007	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	823394	39.140	ng	99
88) Benzo(b)fluoranthene	15.04	252	868051	43.482	ng	97
89) Benzo(k)fluoranthene	15.07	252	859860	44.221	ng	99
90) Benzo(a)pyrene	15.41	252	802634	44.976	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	694531	44.961	ng	98
92) Benzo(g,h,i)perylene	17.37	276	672486	44.328	ng	98

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

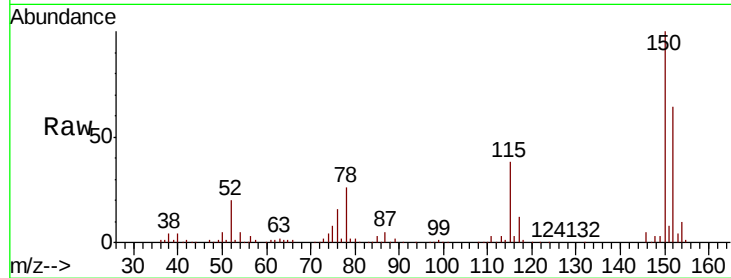


#1

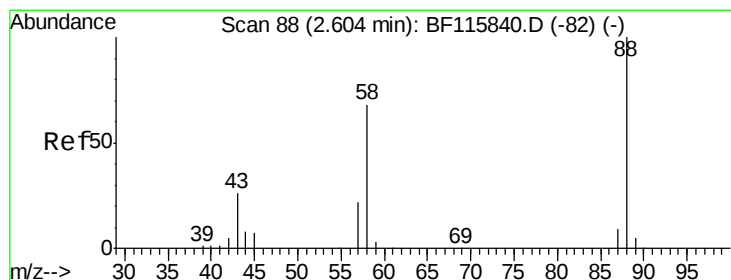
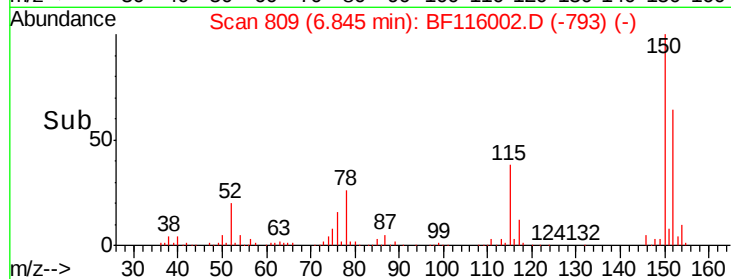
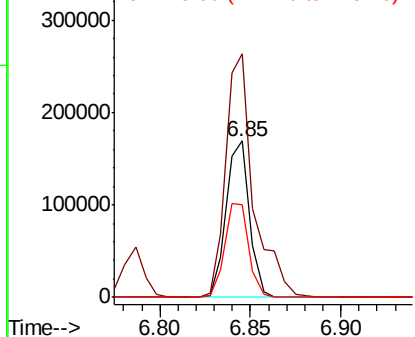
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152364
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 59.2 51.8 77.8



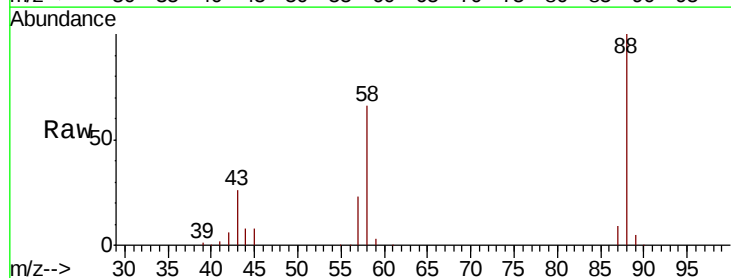
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



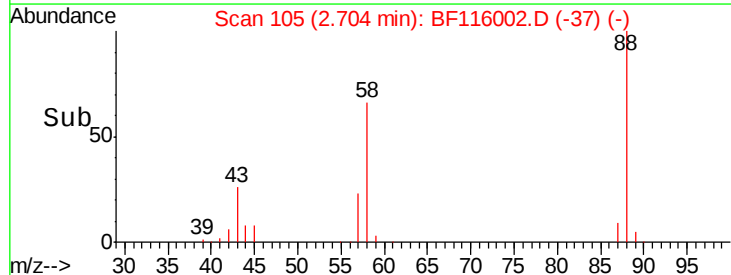
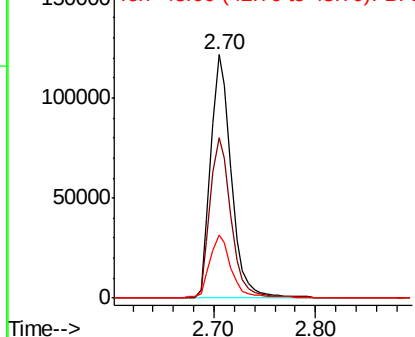
#2

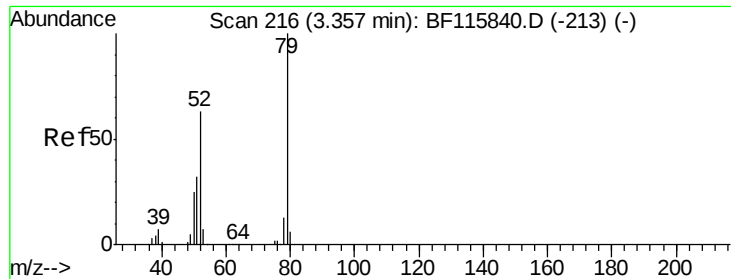
1,4-Dioxane
Concen: 37.676 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.10 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion: 88 Resp: 173234
Ion Ratio Lower Upper
88 100
58 67.0 54.1 81.1
43 25.7 20.7 31.1



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





#3

Pvridine

Concen: 28.974 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

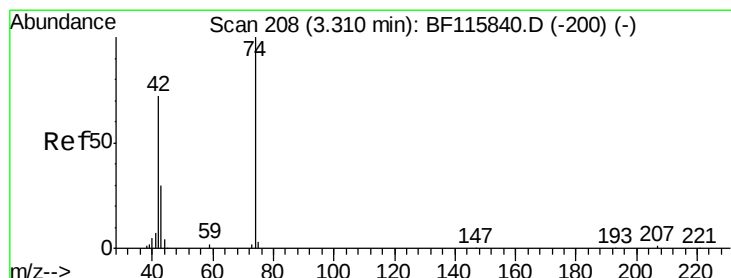
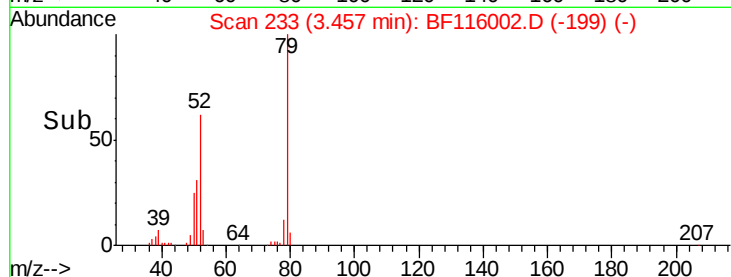
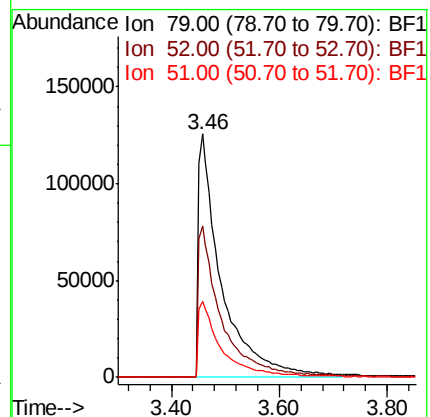
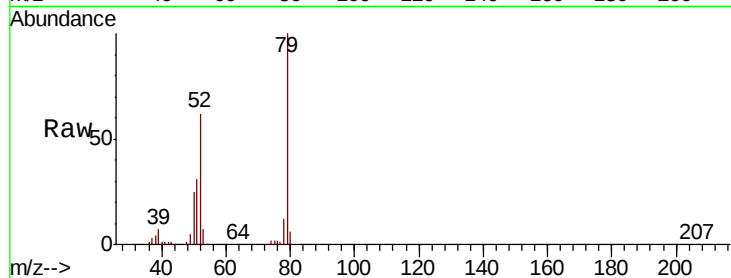
Tot Ion: 79 Resp: 372145

Ion Ratio Lower Upper

79 100

52 62.1 50.2 75.4

51 31.0 25.8 38.6



#4

n-Nitrosodimethylamine

Concen: 34.652 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

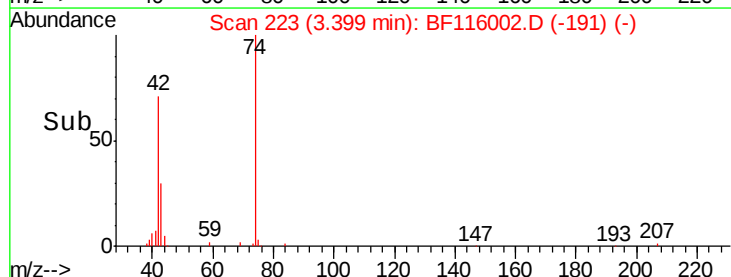
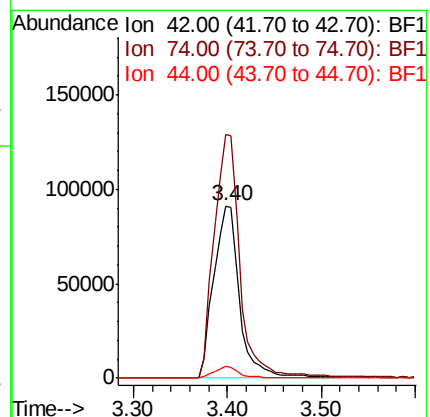
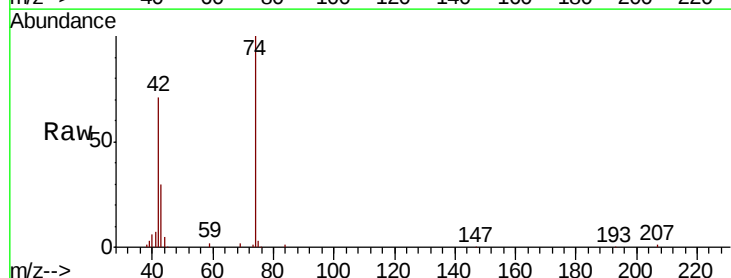
Tgt Ion: 42 Resp: 175643

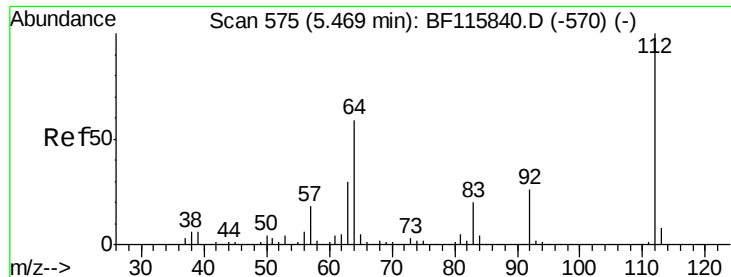
Ion Ratio Lower Upper

42 100

74 141.6 111.0 166.4

44 6.7 4.7 7.1





#5

2-Fluorophenol

Concen: 104.390 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

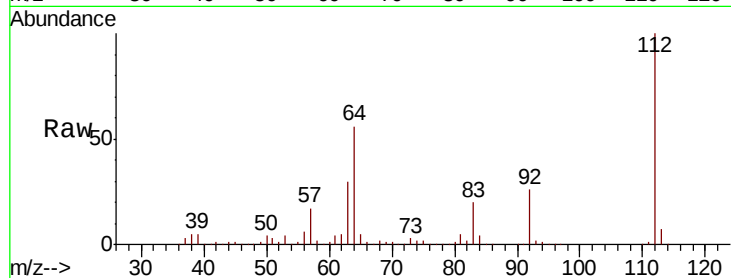
Tot Ion:112 Resp: 950103

Ion Ratio Lower Upper

112 100

64 56.0 46.8 70.2

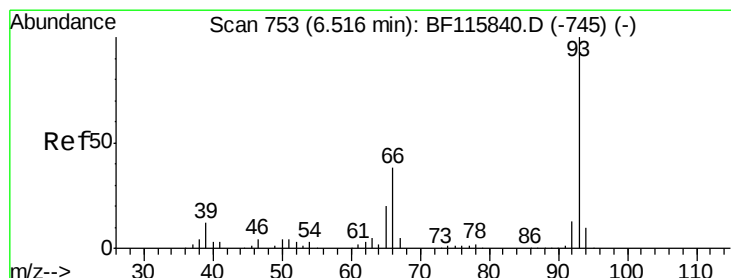
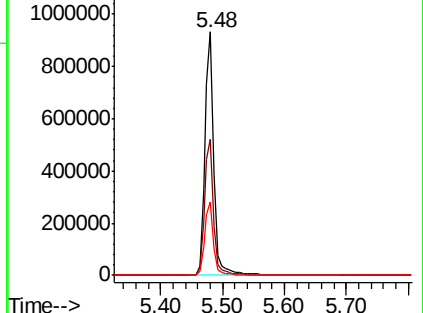
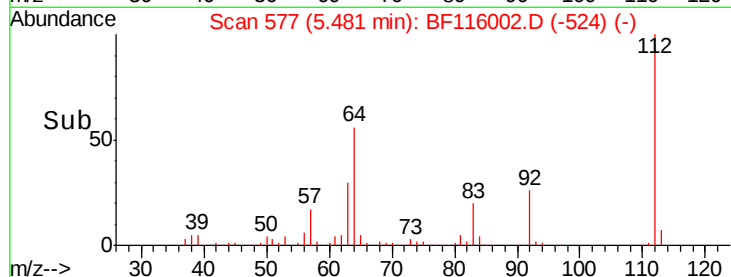
63 29.9 24.2 36.2



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: 27.619 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

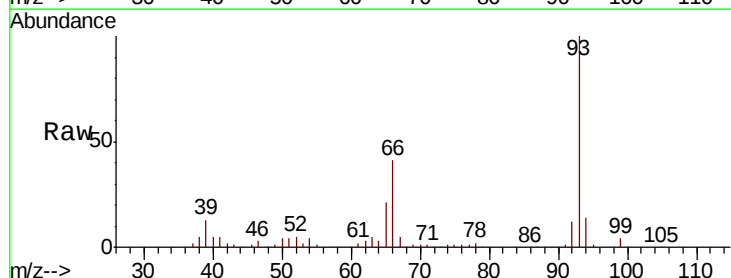
Tgt Ion: 93 Resp: 454195

Ion Ratio Lower Upper

93 100

66 40.9 31.4 47.0

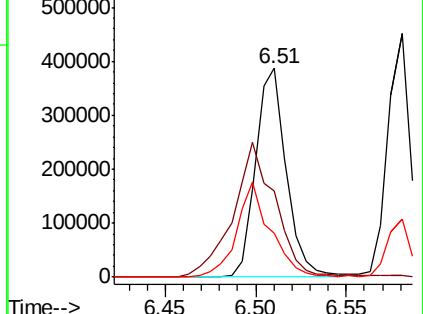
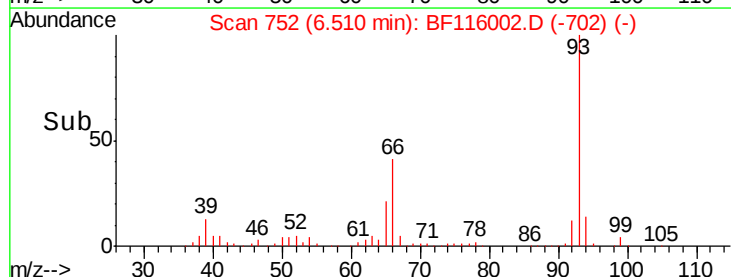
65 21.2 16.5 24.7

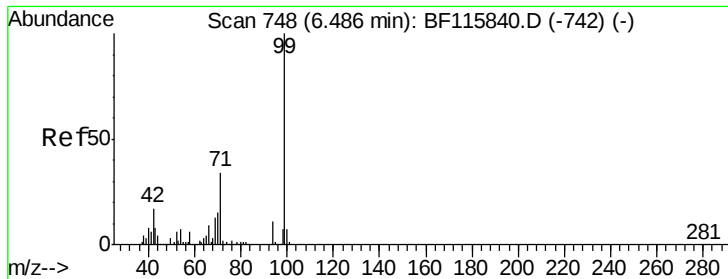


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.672 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

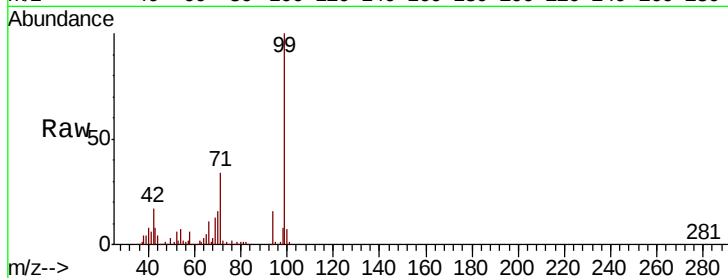
Tot Ion: 99 Resp: 1213443

Ion Ratio Lower Upper

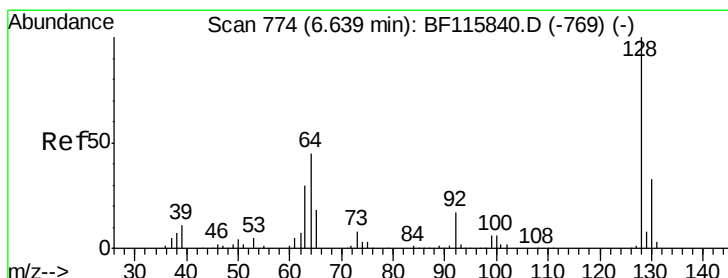
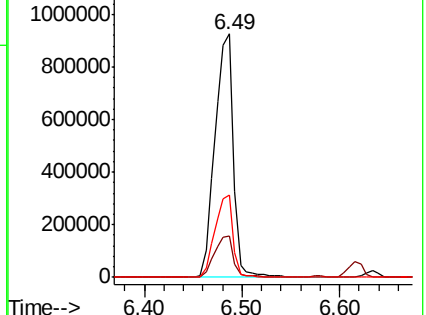
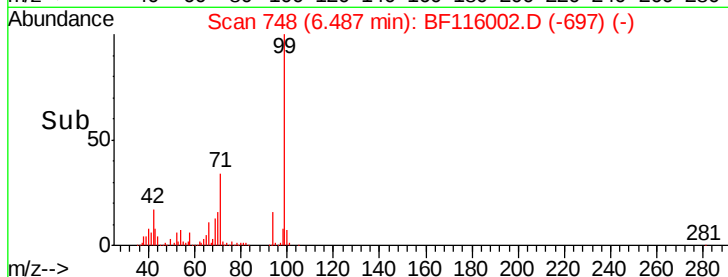
99 100

42 16.8 13.8 20.6

71 33.6 27.1 40.7



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



#8

2-Chlorophenol

Concen: 39.304 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

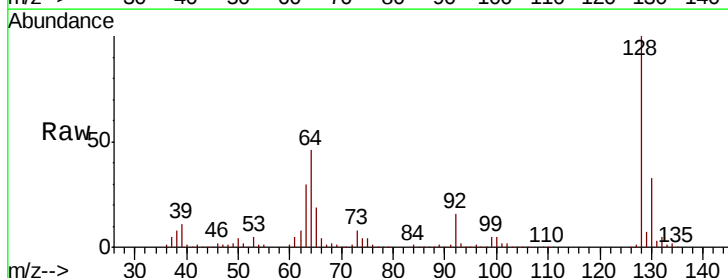
Tgt Ion: 128 Resp: 395569

Ion Ratio Lower Upper

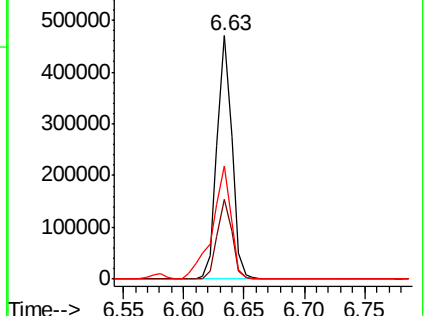
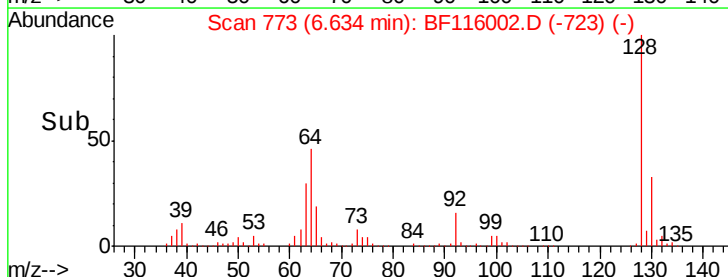
128 100

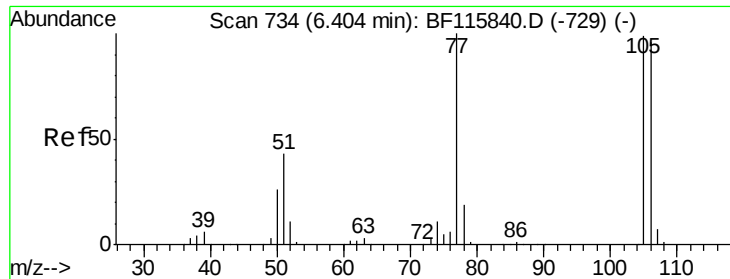
130 32.9 12.9 52.9

64 46.4 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.567 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

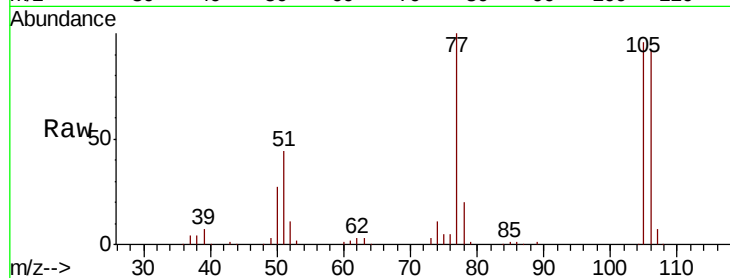
Tot Ion: 77 Resp: 139188

Ion Ratio Lower Upper

77 100

105 95.8 79.0 119.0

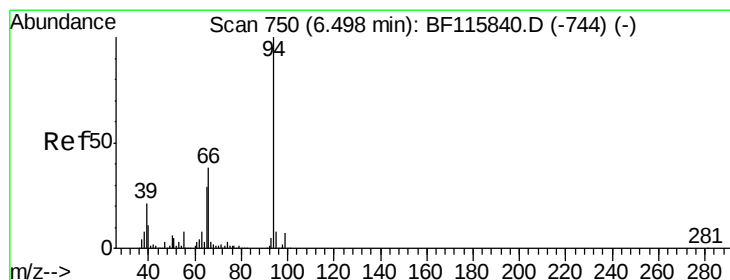
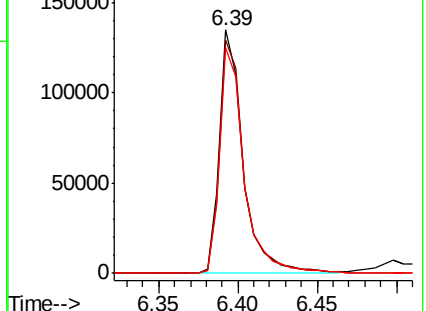
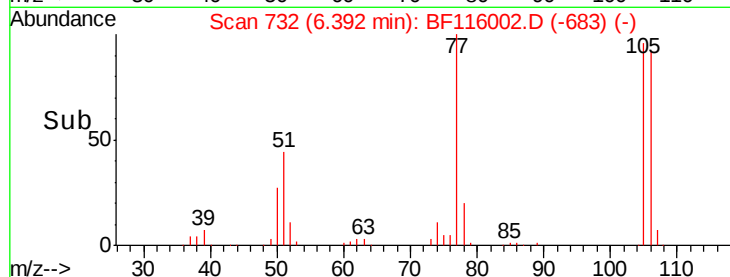
106 92.5 76.2 116.2



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: 37.630 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

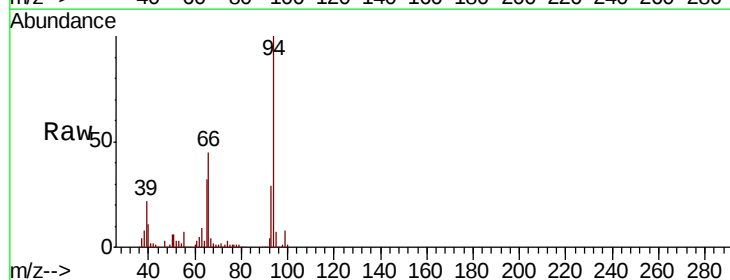
Tgt Ion: 94 Resp: 508857

Ion Ratio Lower Upper

94 100

65 31.8 8.9 48.9

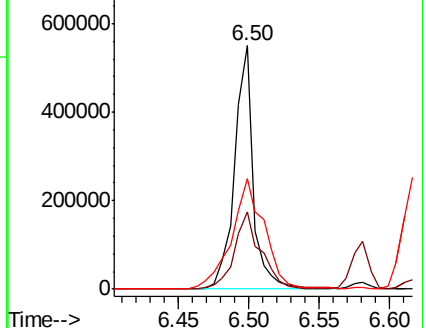
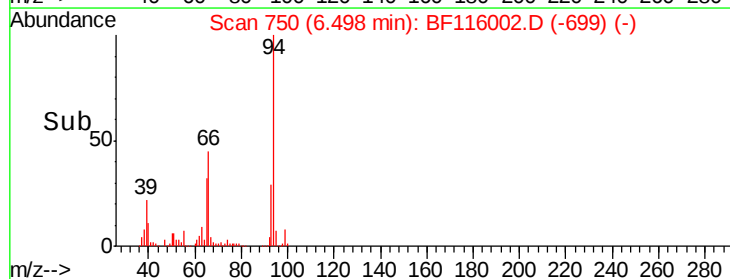
66 45.4 18.0 58.0

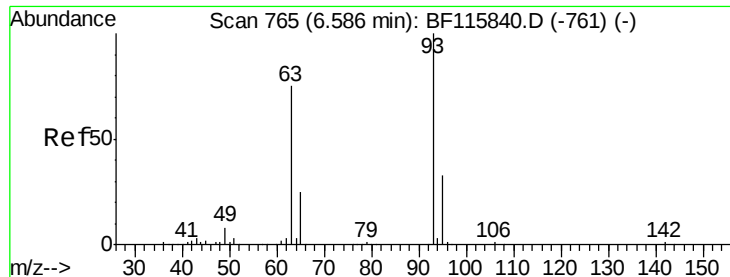


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

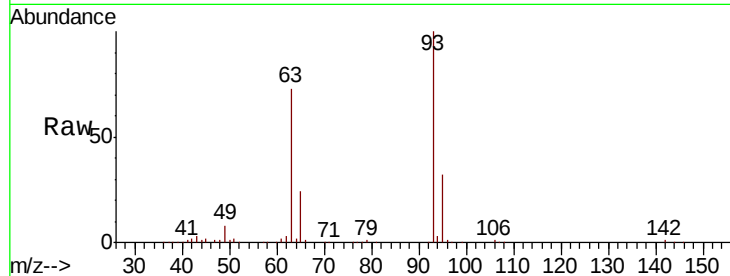




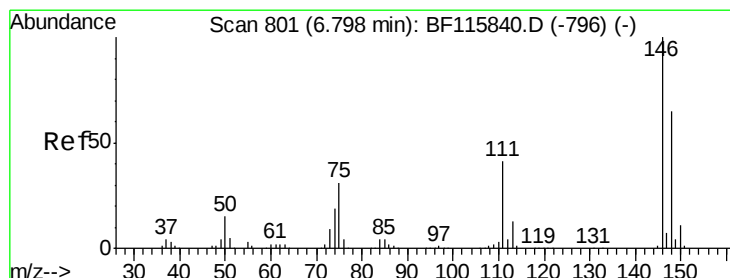
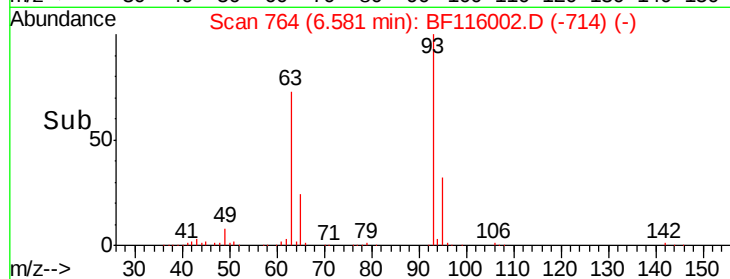
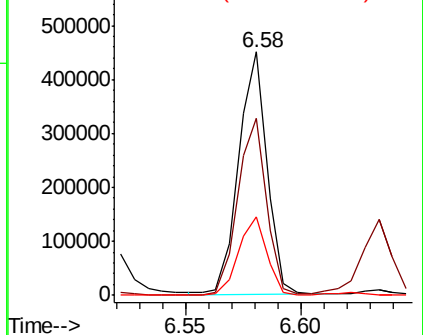
#11
bis(2-Chloroethyl)ether
Concen: 38.706 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 384808
Ion Ratio Lower Upper
93 100
63 72.7 54.9 94.9
95 32.5 13.3 53.3

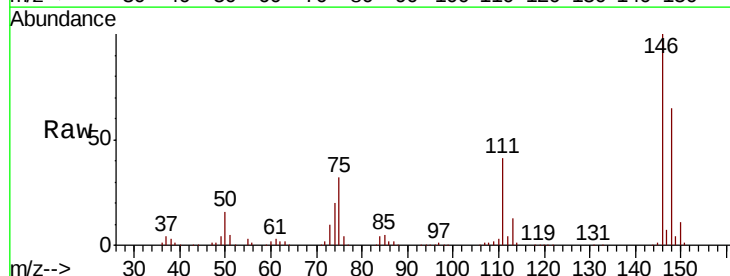


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

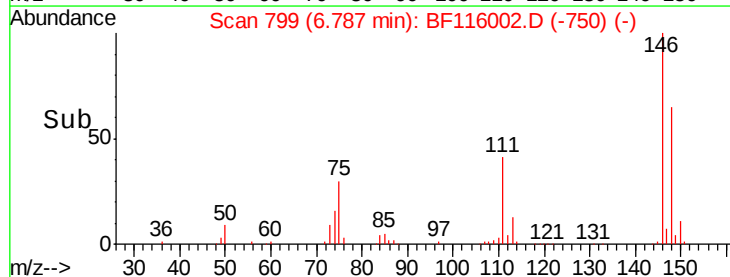
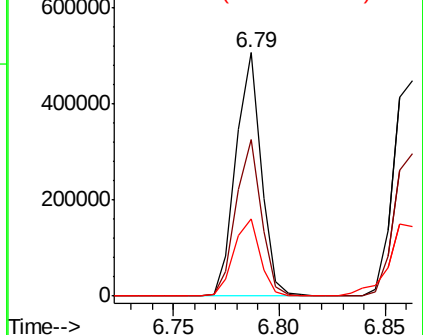


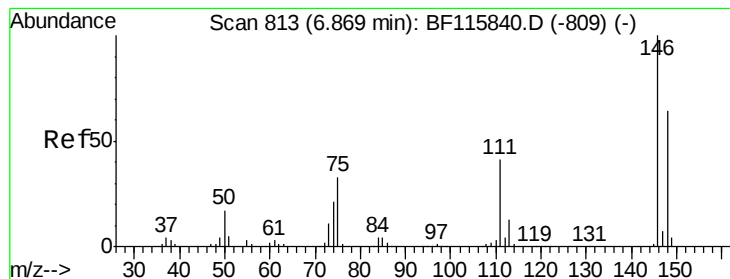
#12
1,3-Dichlorobenzene
Concen: 35.895 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion: 146 Resp: 417507
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 31.7 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 36.655 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

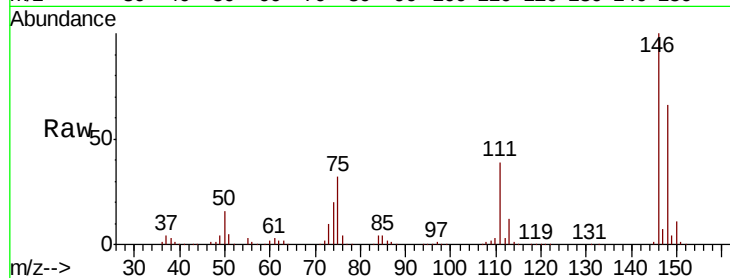
Tot Ion:146 Resp: 426890

Ion Ratio Lower Upper

146 100

148 65.7 51.2 76.8

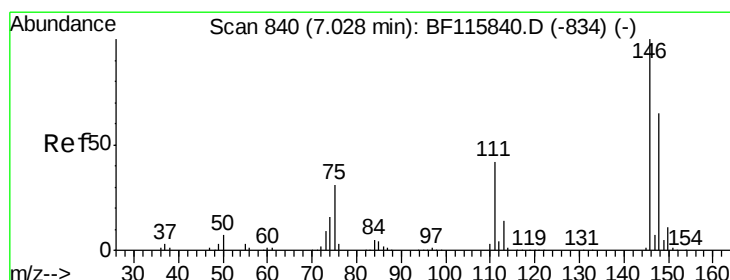
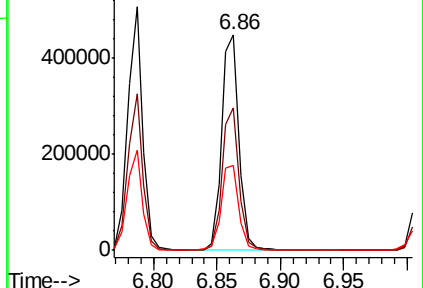
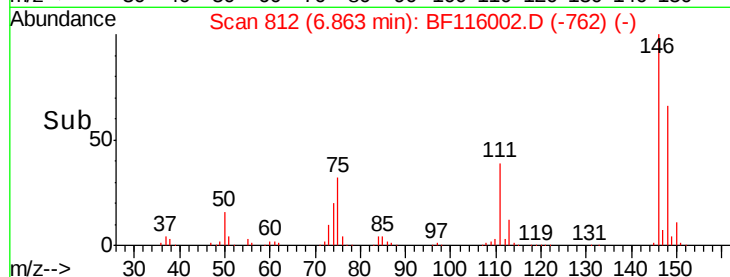
111 39.5 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.470 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

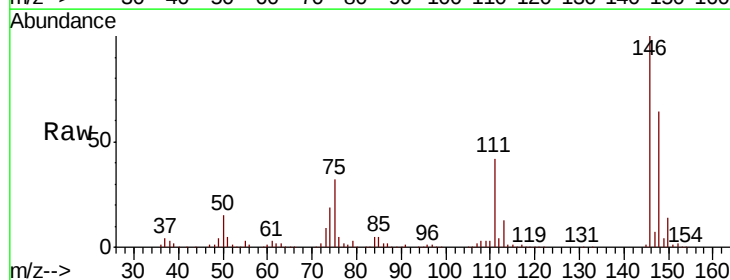
Tgt Ion:146 Resp: 401815

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

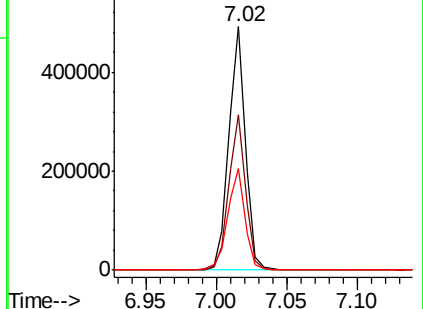
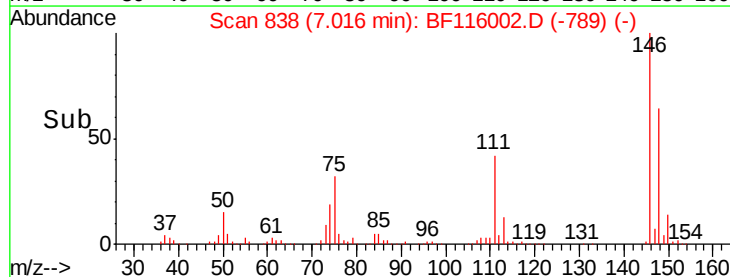
111 41.7 33.6 50.4

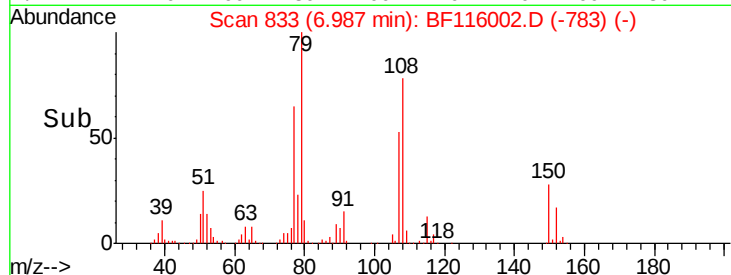
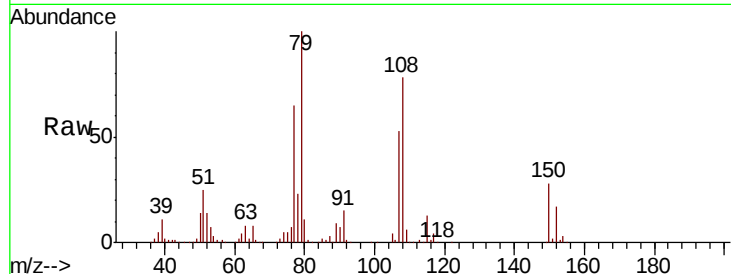


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.704 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

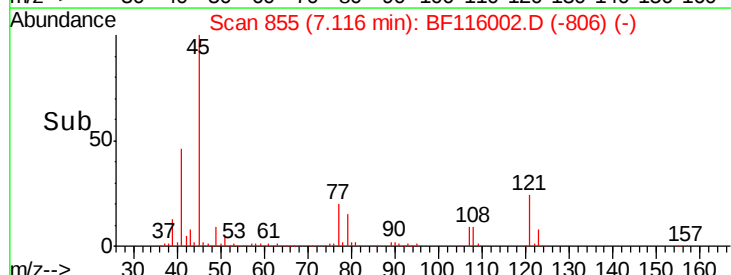
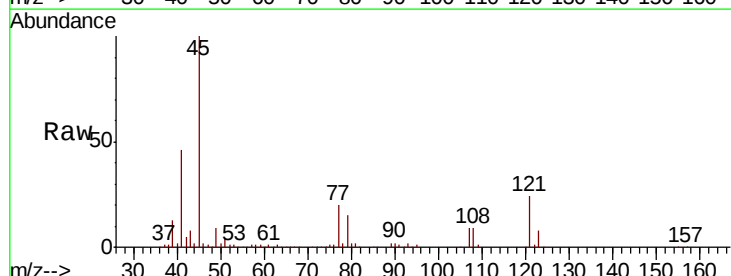
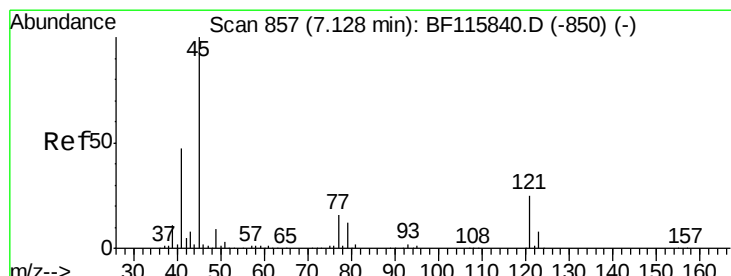
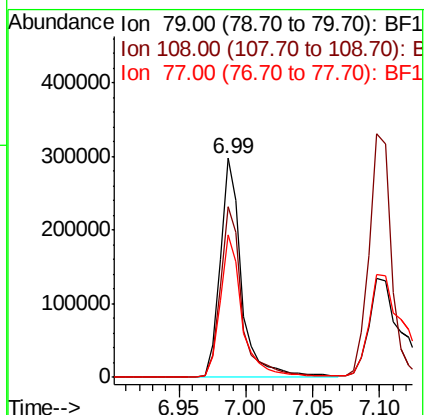
Tot Ion: 79 Resp: 337281

Ion Ratio Lower Upper

79 100

108 78.2 62.8 94.2

77 65.1 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.068 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

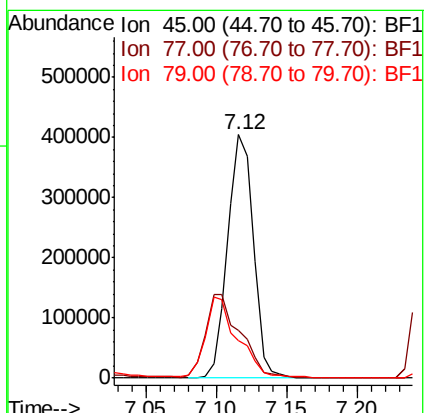
Tgt Ion: 45 Resp: 516226

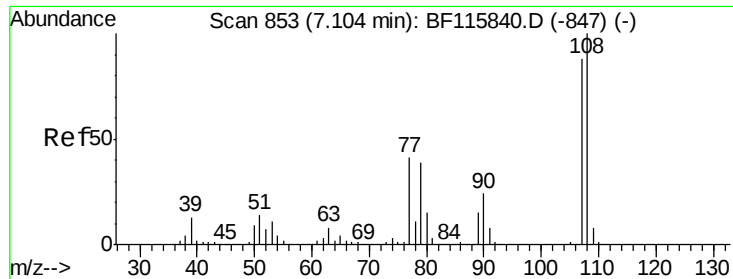
Ion Ratio Lower Upper

45 100

77 19.6 0.0 36.3

79 15.3 0.0 32.5

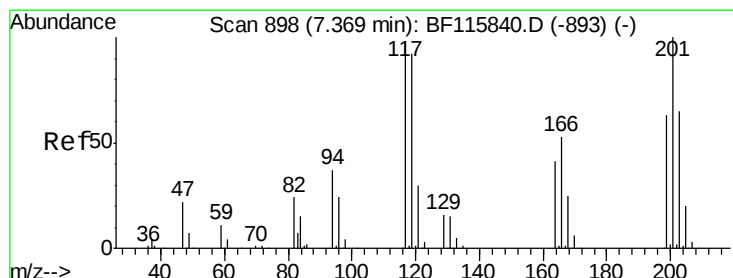
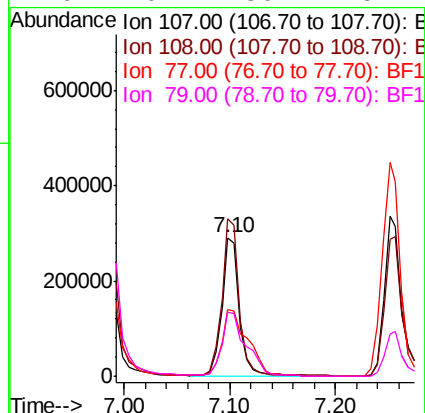
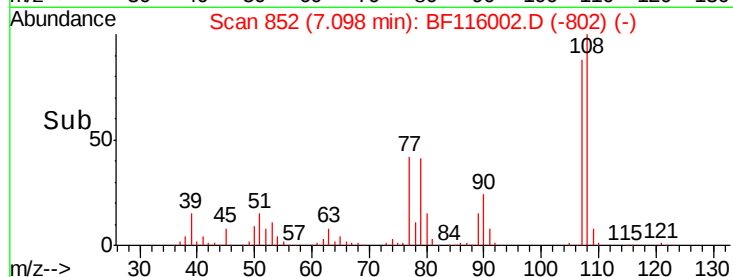
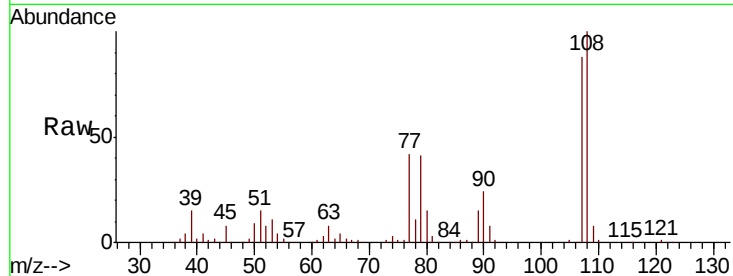




#17
2-Methylphenol
Concen: 39.389 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

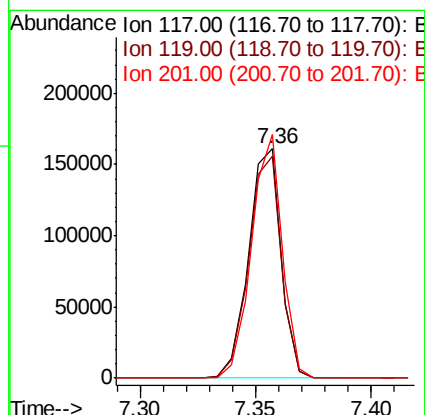
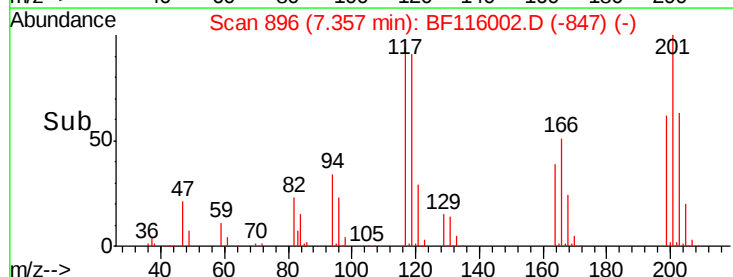
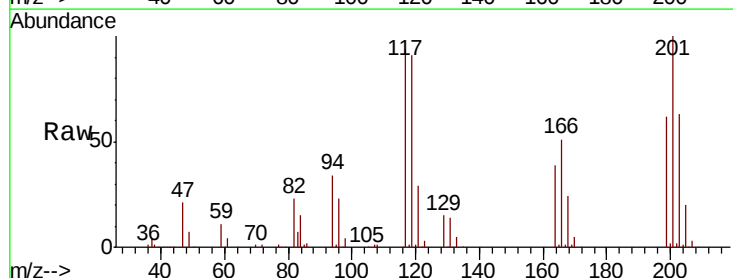
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	335669
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.4	137.0
77	47.7	37.6	56.4
79	46.1	36.2	54.4



#18
Hexachloroethane
Concen: 36.935 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:	117	Resp:	158372
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.6
201	106.3	82.0	123.0

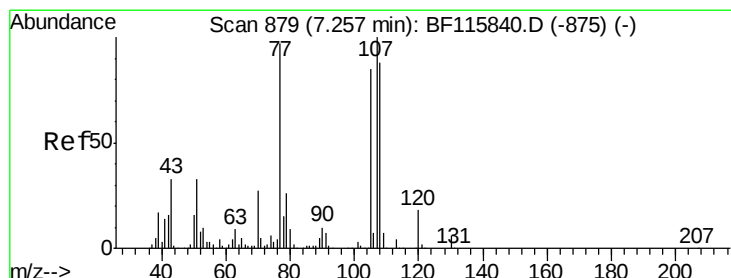
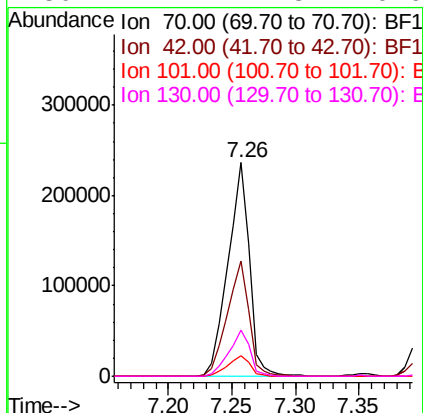
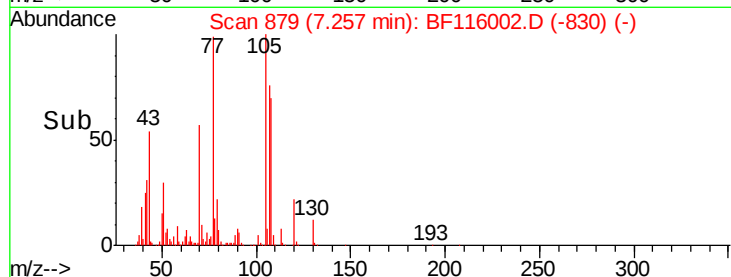
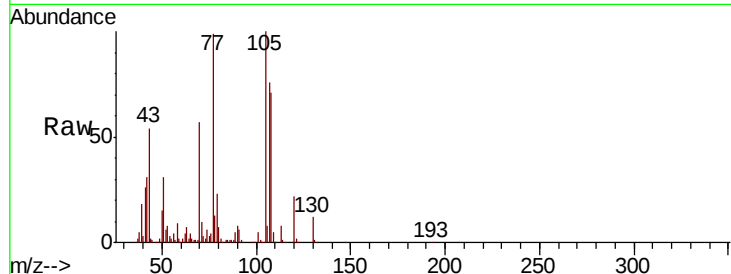




#19
n-Nitroso-di-n-propylamine
Concen: 38.559 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

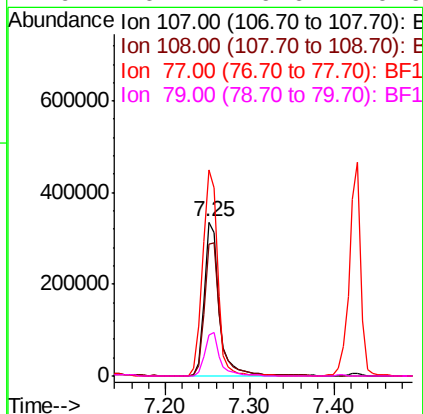
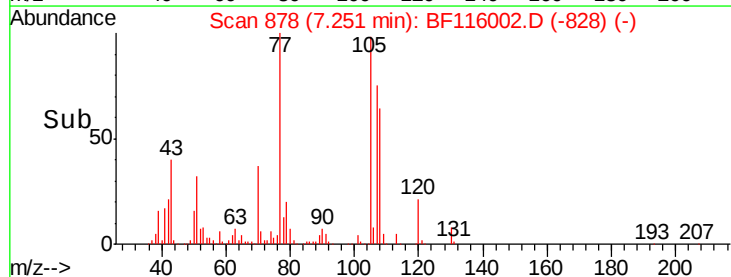
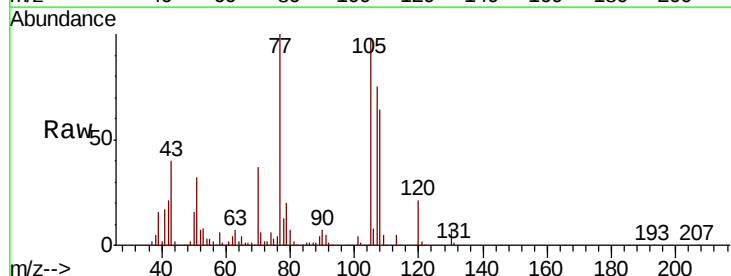
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	274381
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.8	62.8
101	9.6	7.7	11.5
130	21.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 40.058 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:	107	Resp:	403976
Ion	Ratio	Lower	Upper
107	100		
108	85.4	67.9	107.9
77	133.4	77.3	117.3#
79	26.7	6.6	46.6

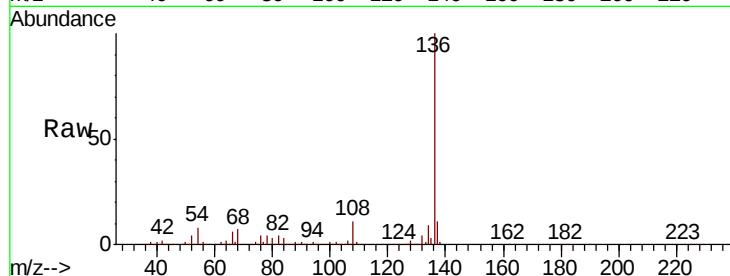




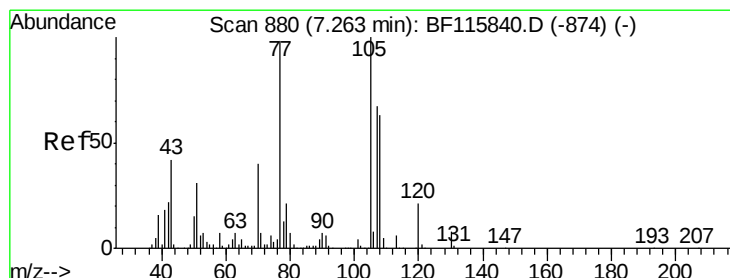
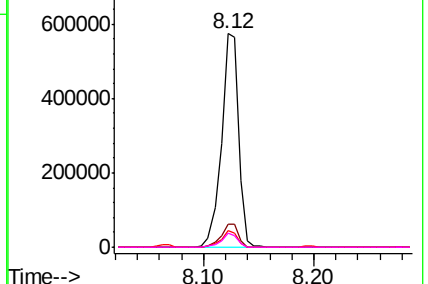
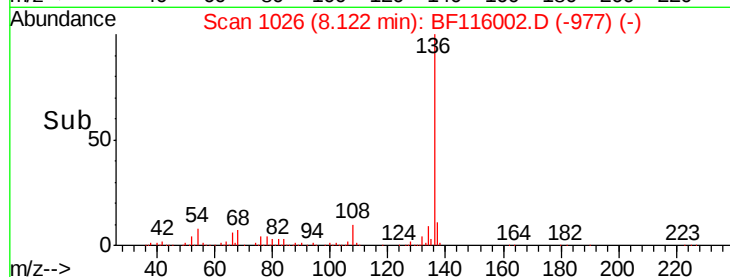
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	619949
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	7.8	6.1 9.1
68	6.6	5.4 8.2

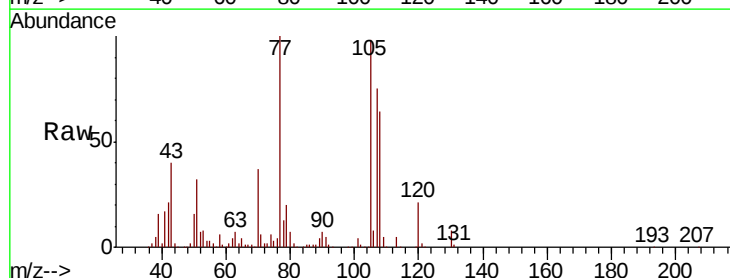


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

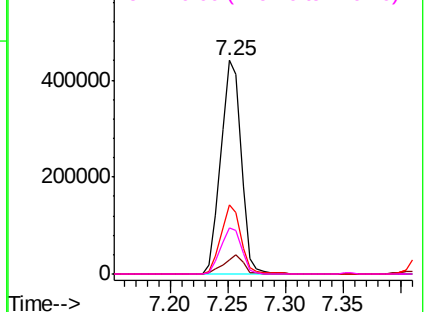
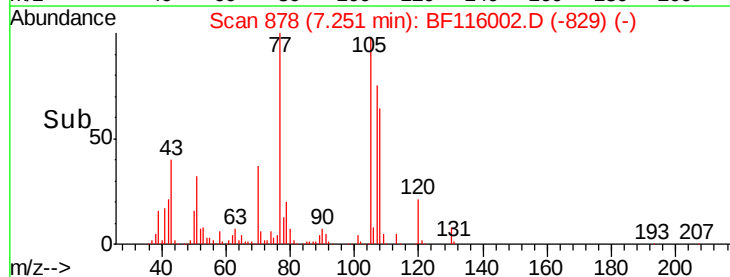


#22
Acetophenone
Concen: 39.812 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:105	Resp:	541300
Ion	Ratio	Lower Upper
105	100	
71	6.6	5.4 8.0
51	32.4	24.6 36.8
120	21.4	17.0 25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

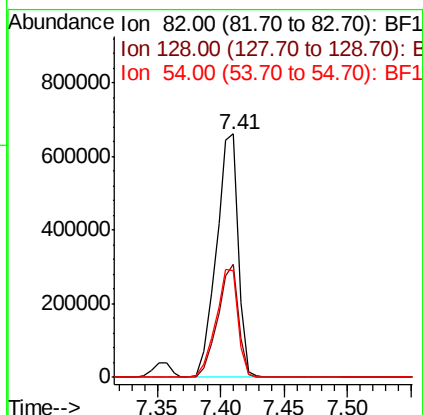
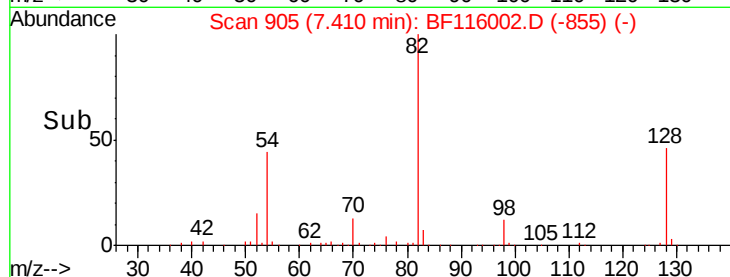
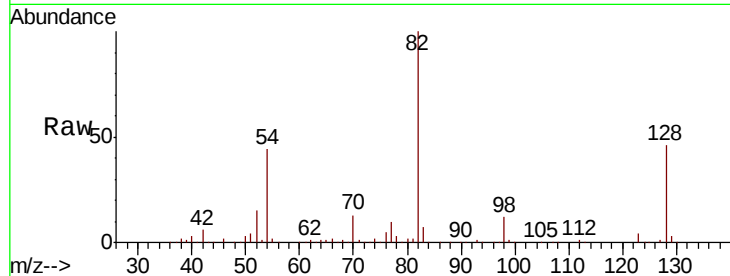




#23
 Nitrobenzene-d5
 Concen: 74.407 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

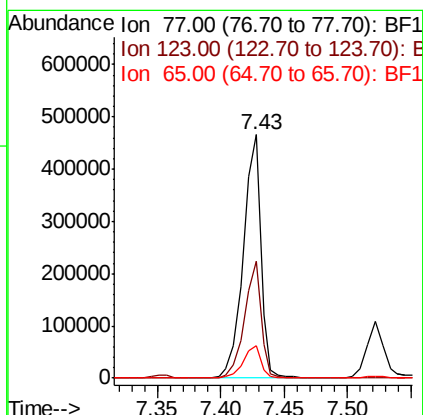
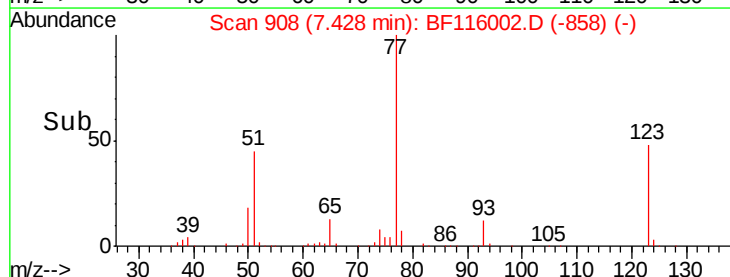
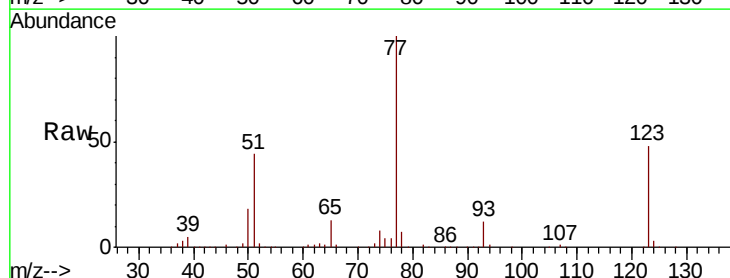
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 799140
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.6 55.0
 54 44.0 36.6 55.0



#24
 Nitrobenzene
 Concen: 38.223 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion: 77 Resp: 443260
 Ion Ratio Lower Upper
 77 100
 123 48.0 35.5 53.3
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 39.202 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

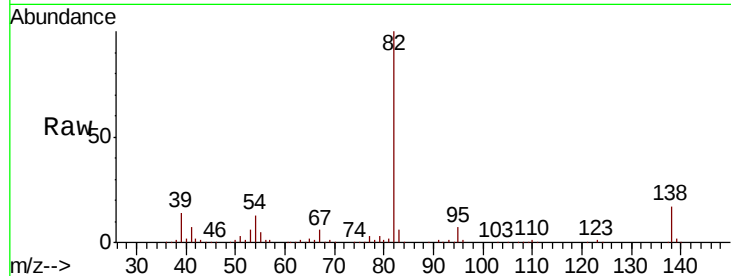
Tot Ion: 82 Resp: 805071

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

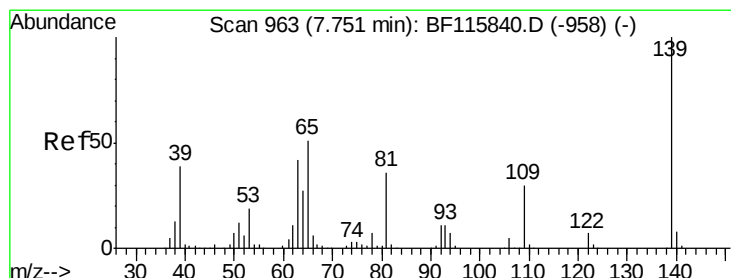
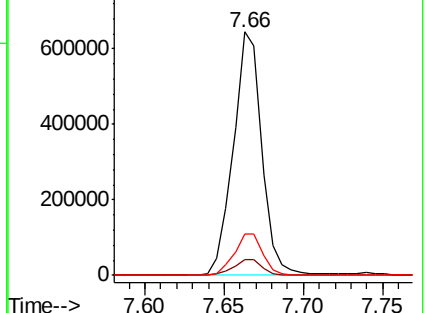
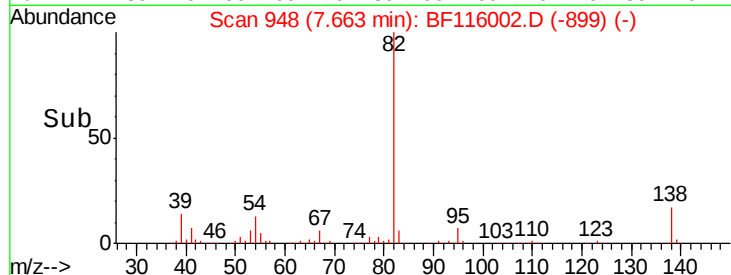
138 16.8 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.178 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

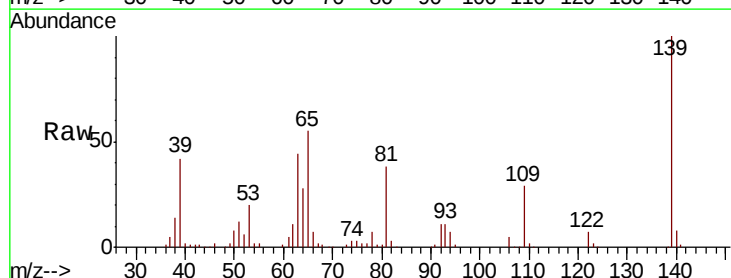
Tgt Ion: 139 Resp: 219635

Ion Ratio Lower Upper

139 100

109 29.3 23.6 35.4

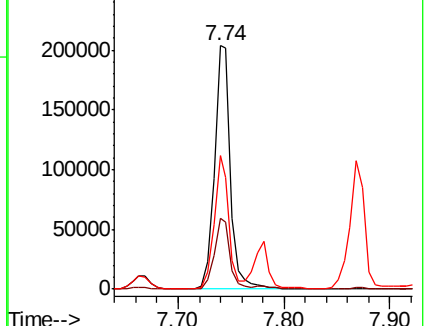
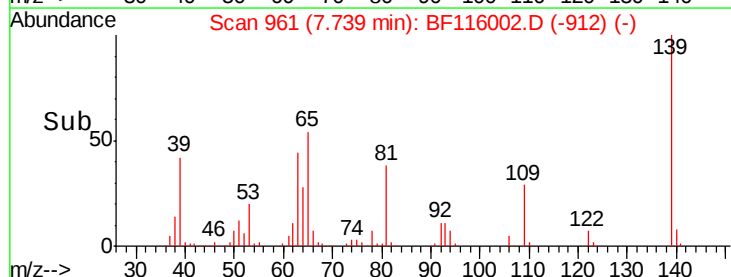
65 54.7 40.6 60.8

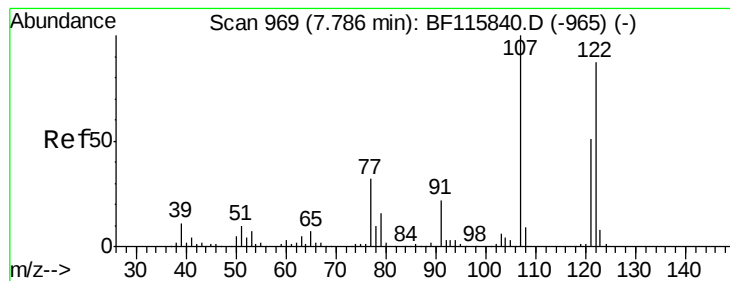


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.622 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

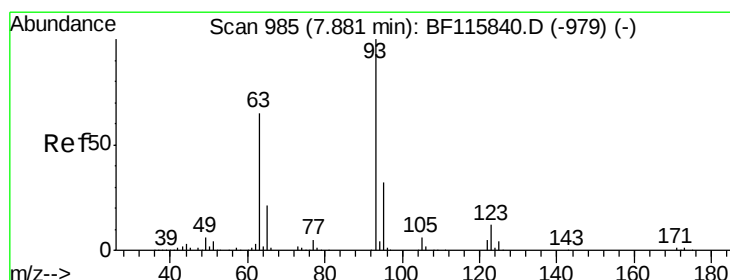
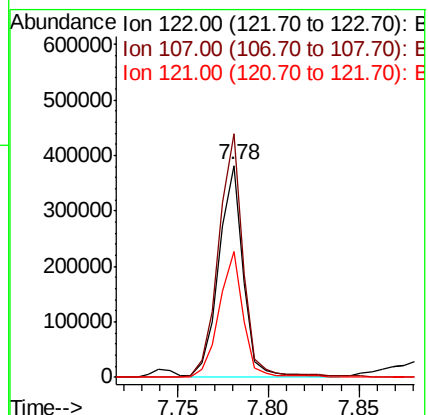
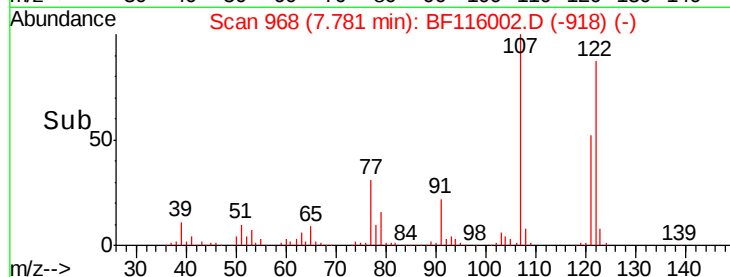
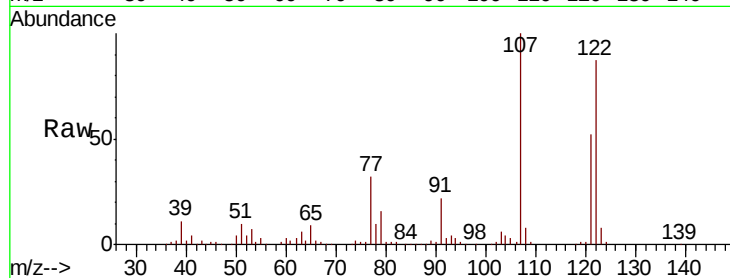
Tot Ion:122 Resp: 358763

Ion Ratio Lower Upper

122 100

107 114.9 91.7 137.5

121 59.5 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.653 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

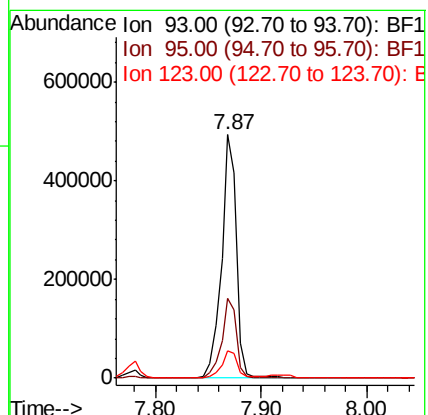
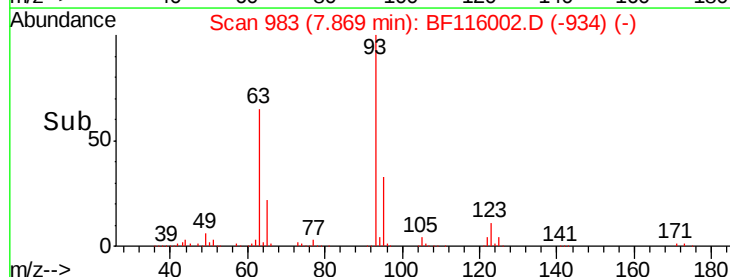
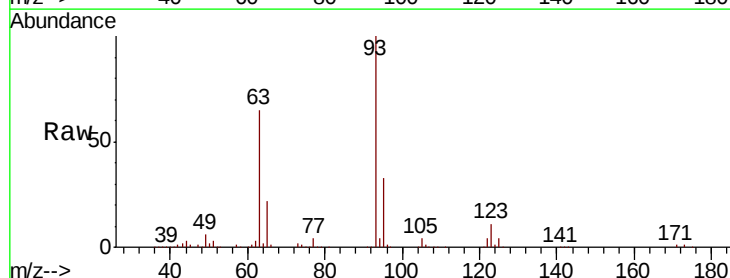
Tgt Ion: 93 Resp: 492006

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.4 9.5 14.3

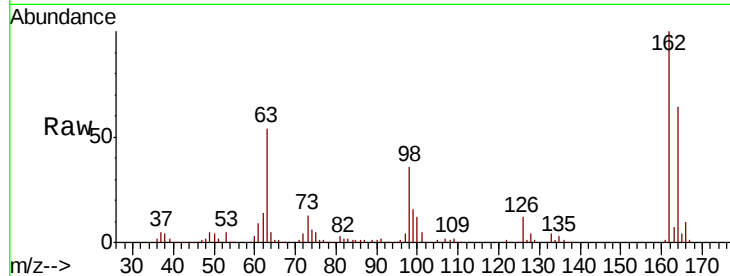




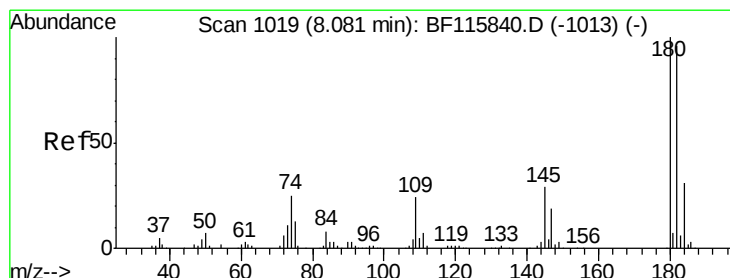
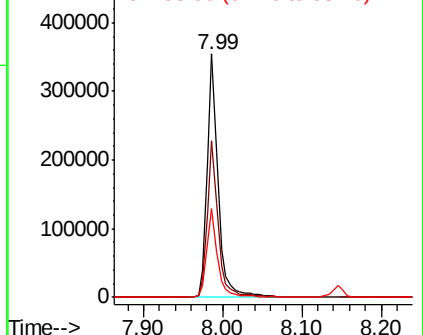
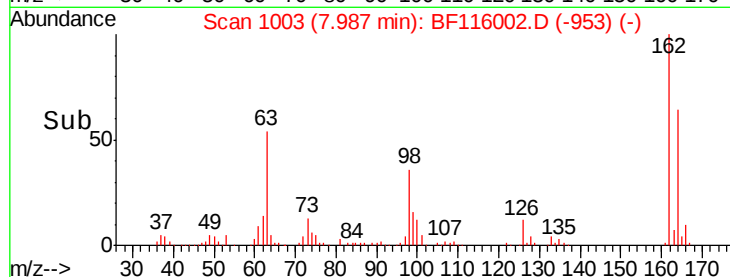
#29
 2,4-Dichlorophenol
 Concen: 39.842 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.2	83.2
98	36.3	17.3	57.3

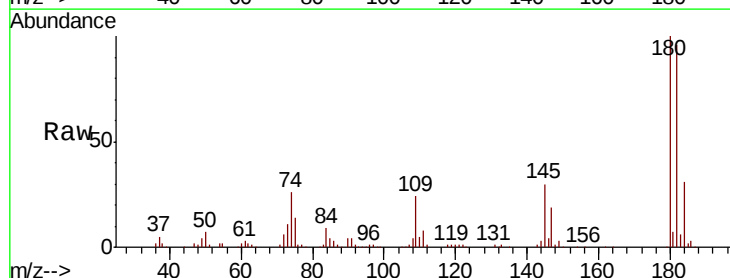


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

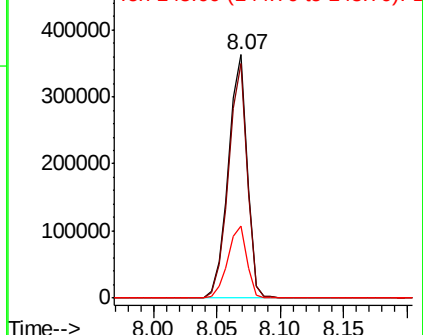
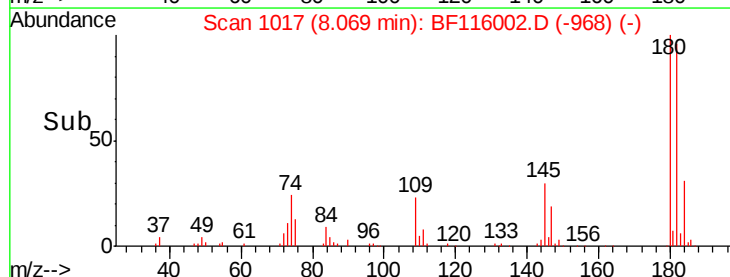


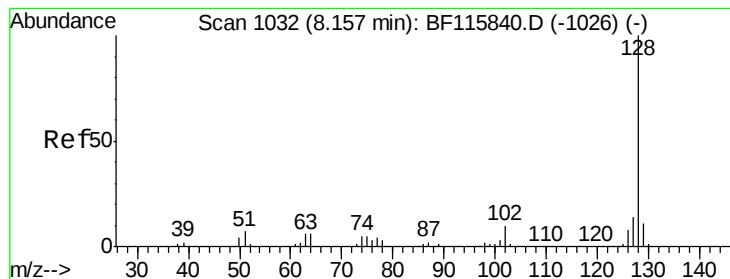
#30
 1,2,4-Trichlorobenzene
 Concen: 37.712 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
145	29.6	23.2	34.8



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





#31

Naphthalene

Concen: 39.582 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

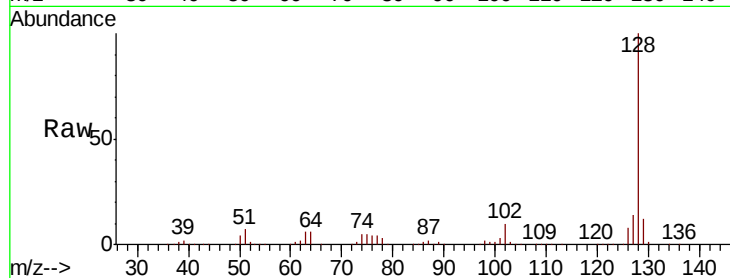
Tot Ion:128 Resp: 1154751

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

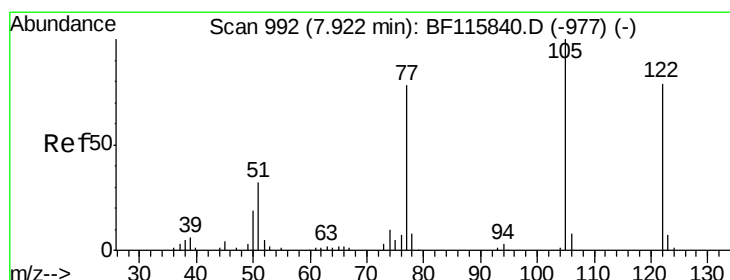
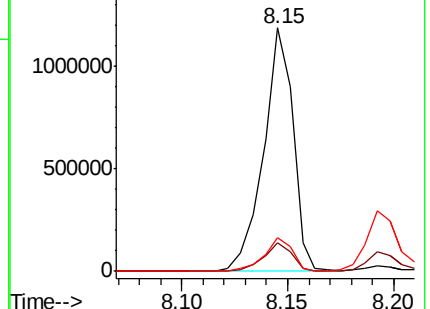
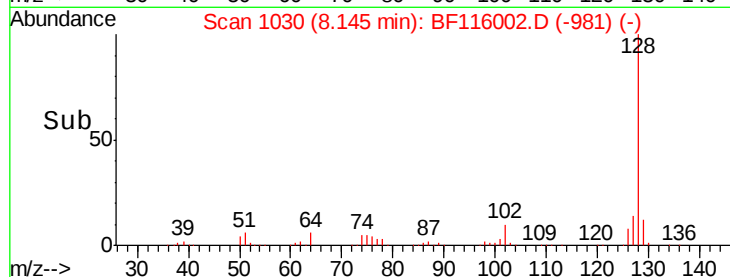
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.526 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

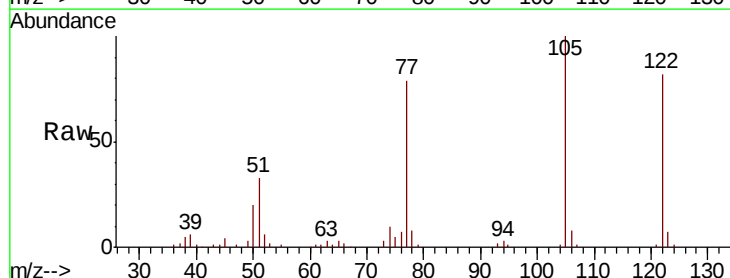
Tgt Ion:122 Resp: 217591

Ion Ratio Lower Upper

122 100

105 122.2 103.1 143.1

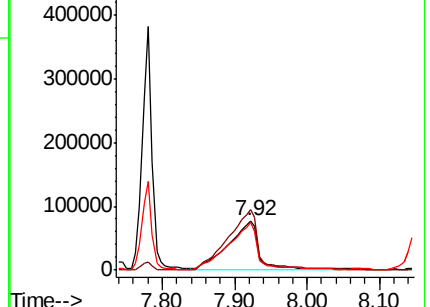
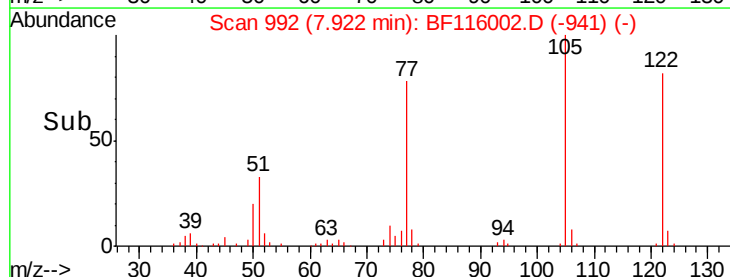
77 96.4 76.8 116.8

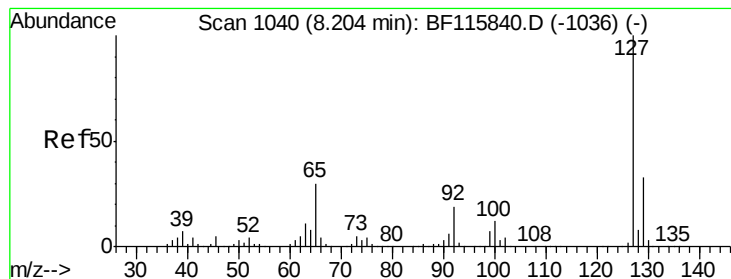


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.146 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 340812

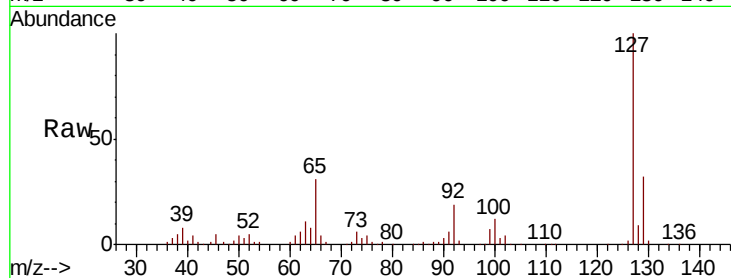
Ion Ratio Lower Upper

127 100

129 31.7 26.0 39.0

65 30.5 23.9 35.9

92 18.7 14.9 22.3

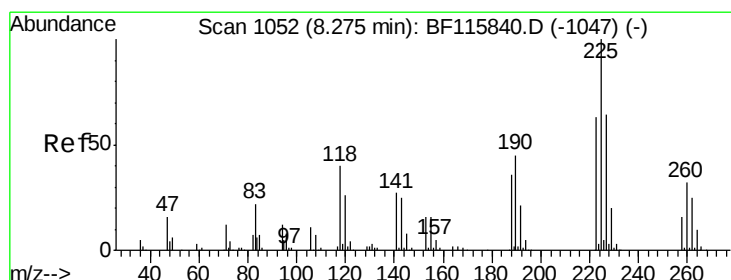
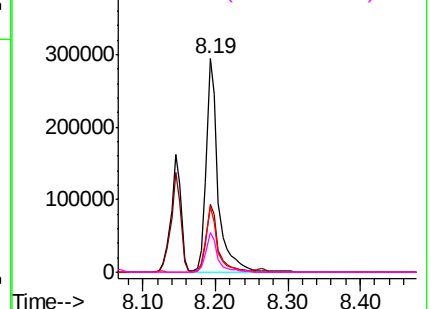
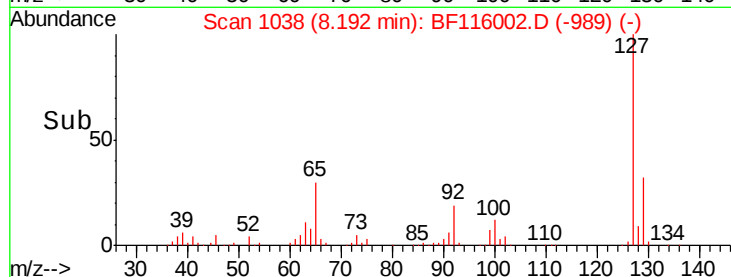


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.095 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

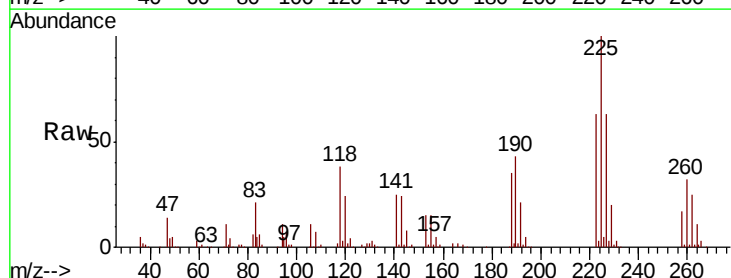
Tgt Ion:225 Resp: 211502

Ion Ratio Lower Upper

225 100

223 62.7 50.4 75.6

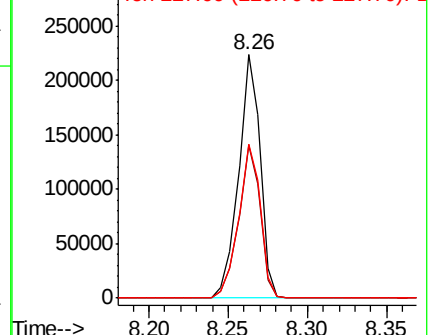
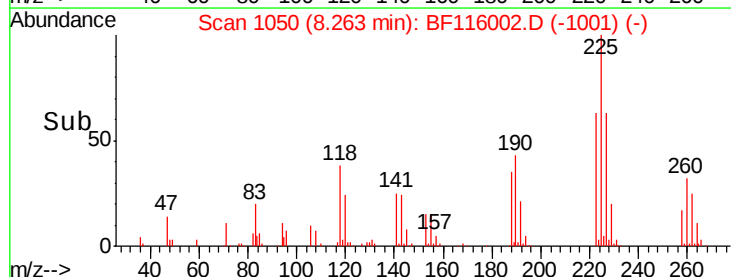
227 63.2 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

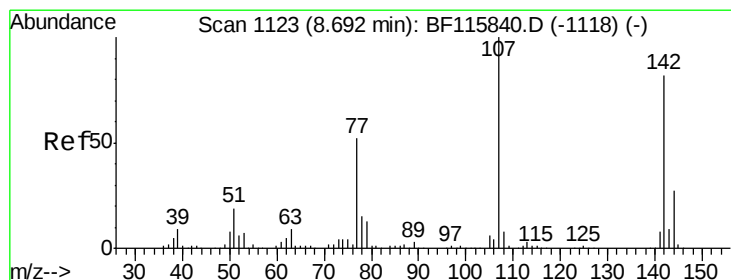
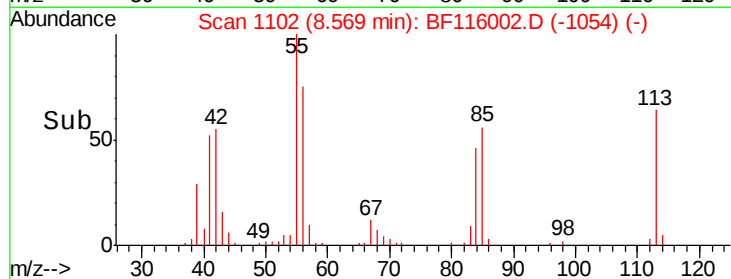
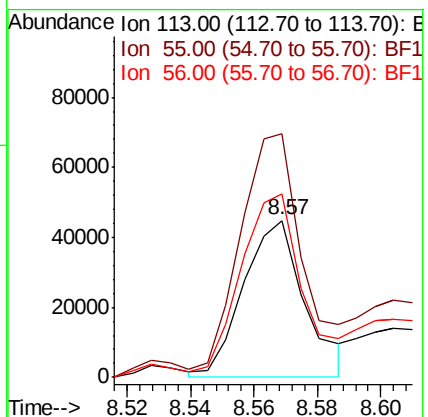
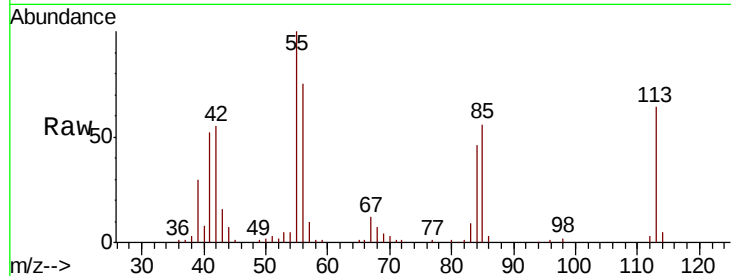




#35
 Caprolactam
 Concen: 21.249 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

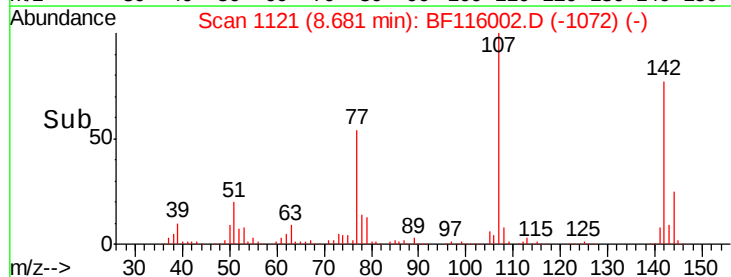
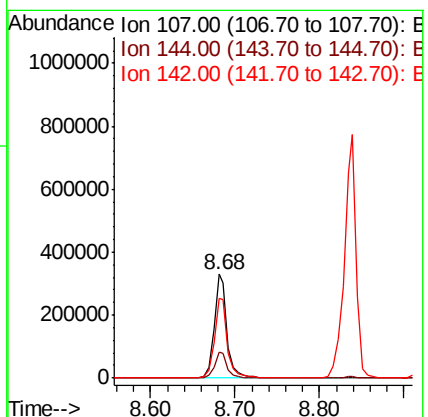
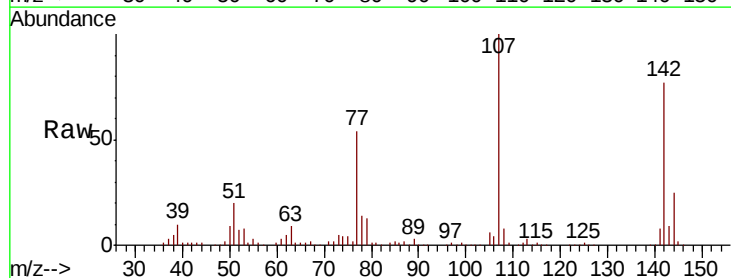
Instrument :
 BNA_F
 ClientSampleId :

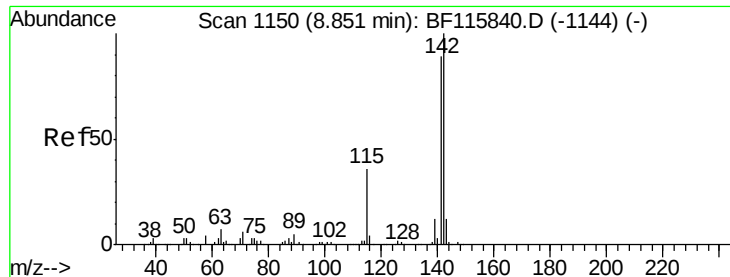
Tot Ion:113 Resp: 59680
 Ion Ratio Lower Upper
 113 100
 55 155.2 138.1 178.1
 56 117.2 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.606 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion:107 Resp: 357790
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.4 32.0
 142 77.3 65.5 98.3

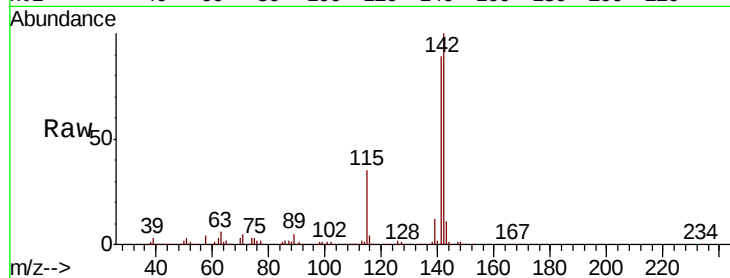




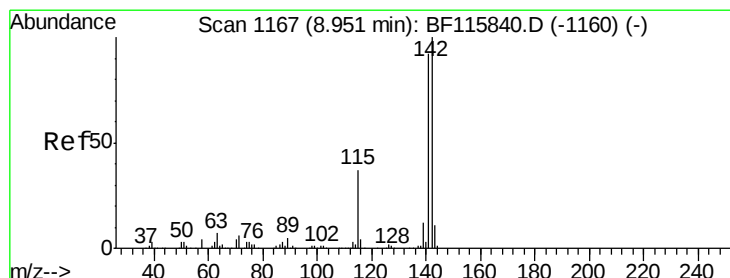
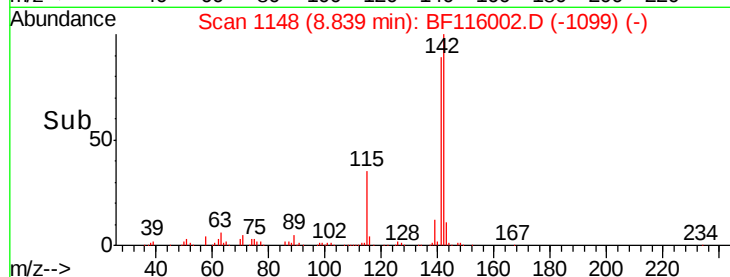
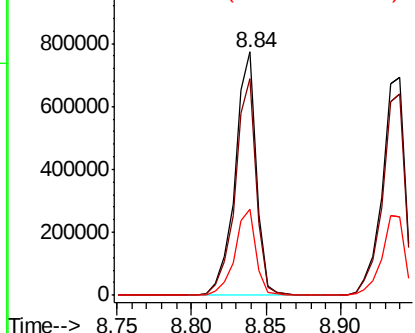
#37
2-Methylnaphthalene
Concen: 40.243 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 773207
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 35.3 28.9 43.3

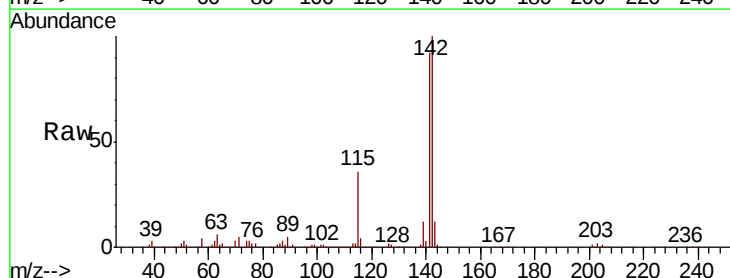


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

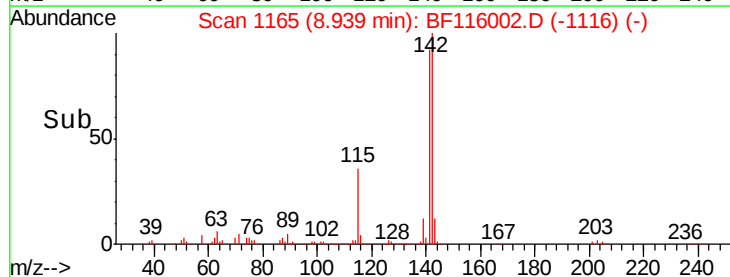
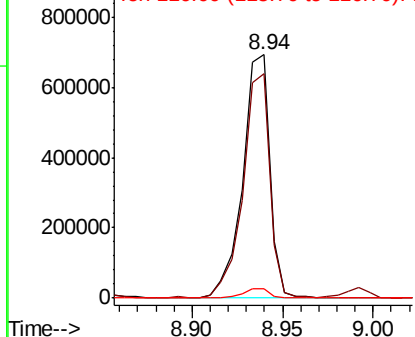


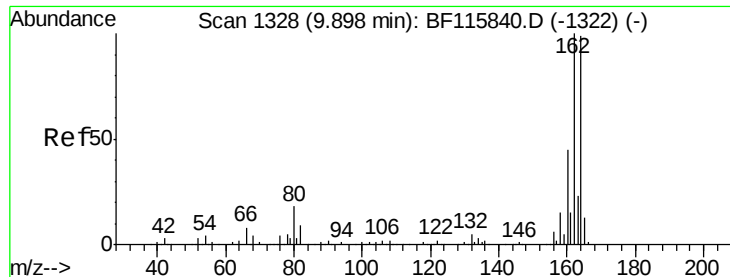
#38
1-Methylnaphthalene
Concen: 39.601 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:142 Resp: 719799
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

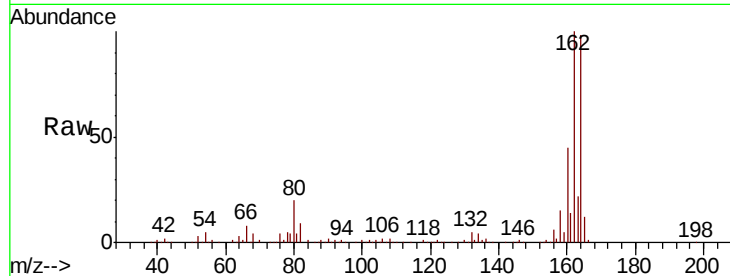




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.8	121.2
160	46.0	36.2	54.4

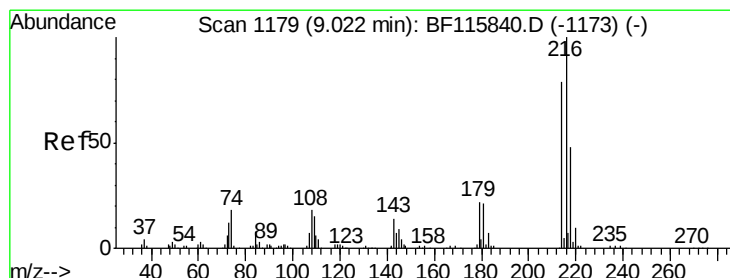
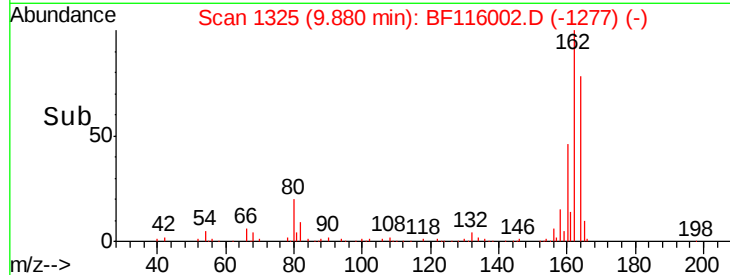
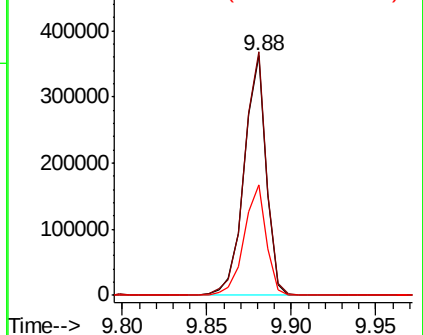


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.736 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	22.3	17.6	26.4
108	21.1	16.1	24.1

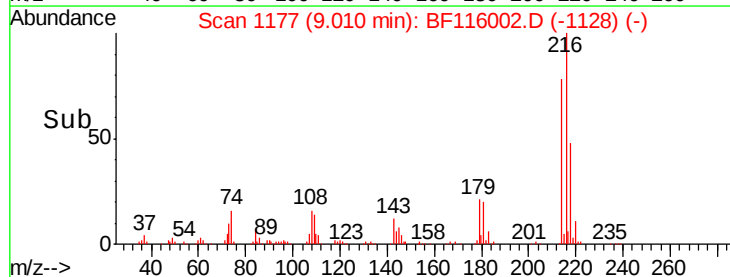
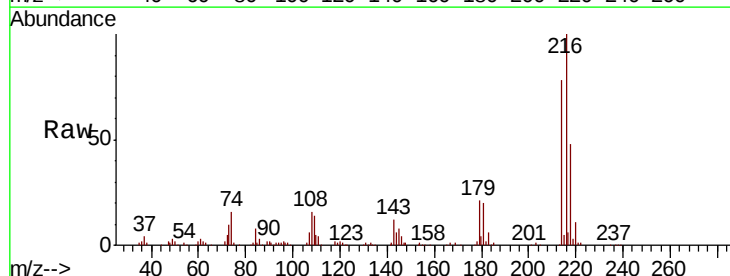
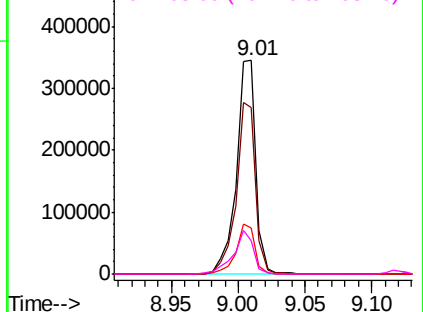
Abundance

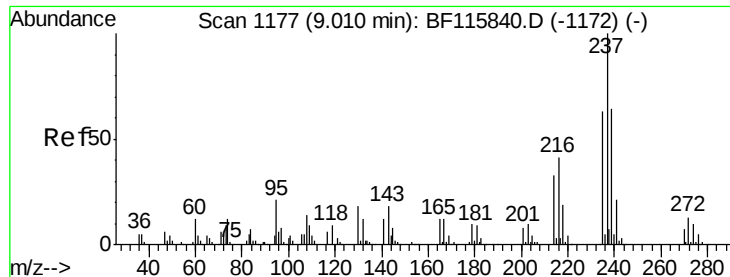
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.903 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

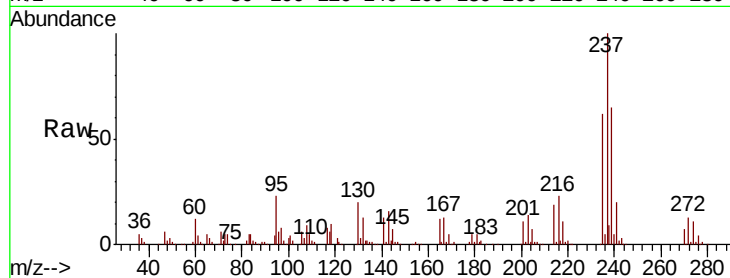
Tot Ion:237 Resp: 205468

Ion Ratio Lower Upper

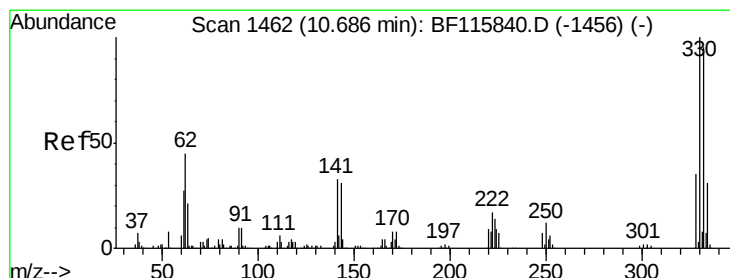
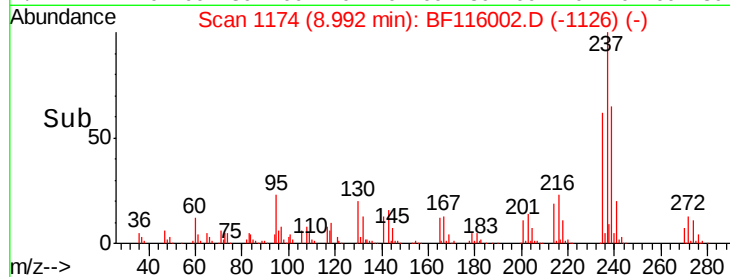
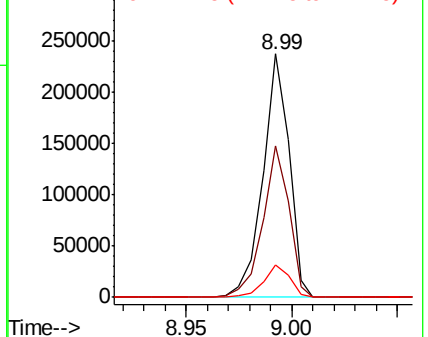
237 100

235 62.3 42.5 82.5

272 13.4 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 106.003 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

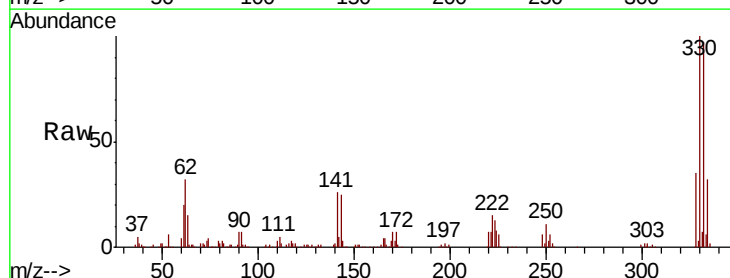
Tgt Ion:330 Resp: 339555

Ion Ratio Lower Upper

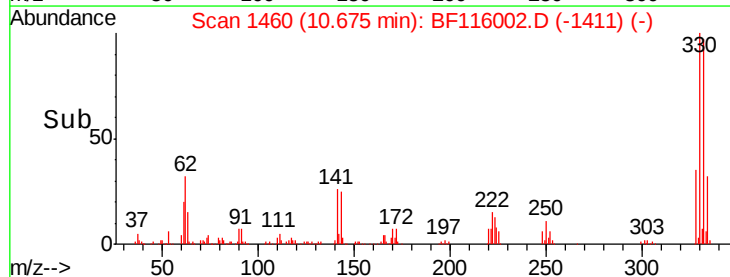
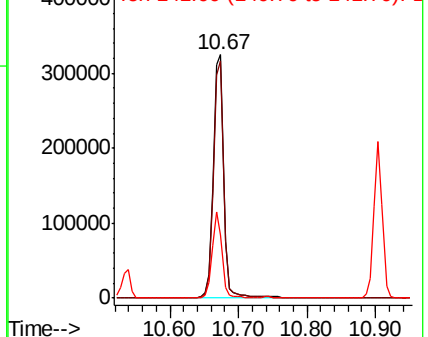
330 100

332 96.7 77.7 116.5

141 33.5 28.1 42.1



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

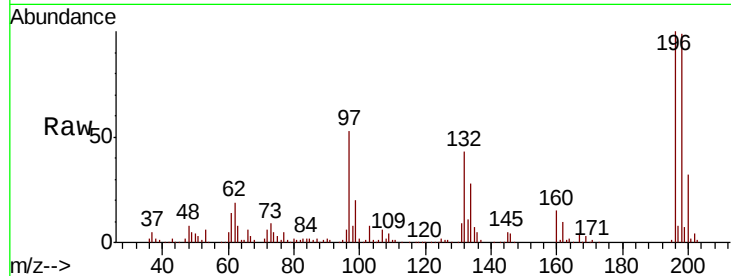




#43
 2,4,6-Trichlorophenol
 Concen: 37.322 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	226906
Ion Ratio	Lower	Upper	
196	100		
198	99.4	79.1	118.7
200	31.9	26.0	39.0

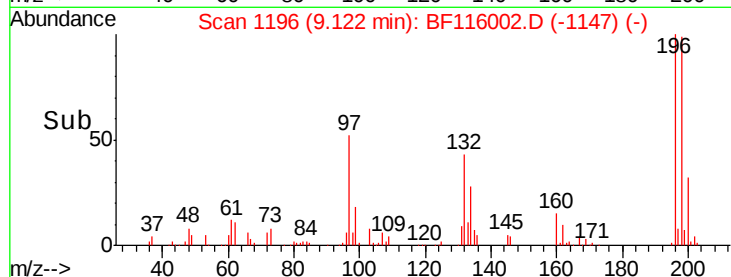
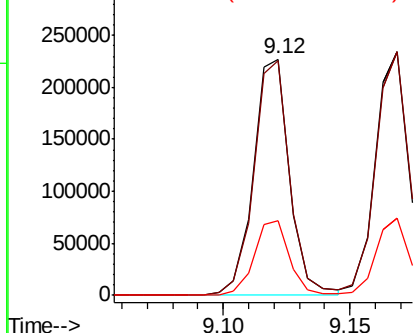


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.746 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	196	Resp	243503
Ion Ratio	Lower	Upper	
196	100		
198	100.1	80.1	120.1
97	46.1	38.9	58.3
132	27.1	22.6	33.8

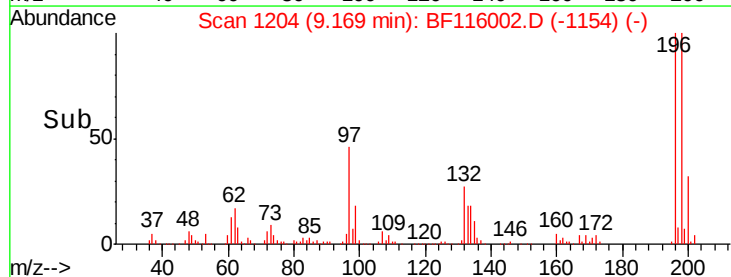
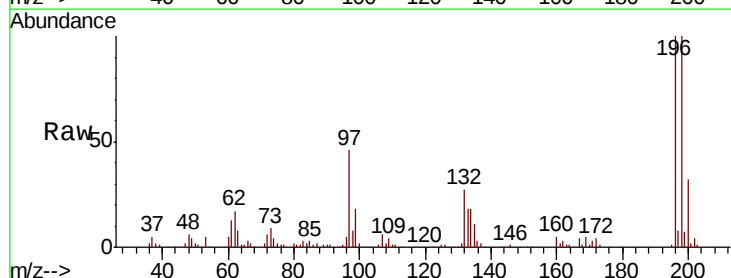
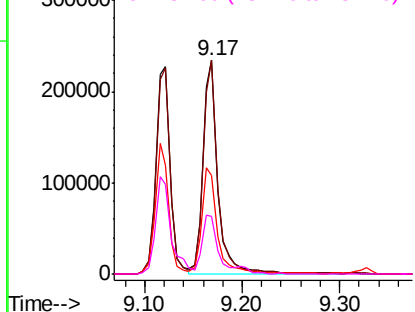
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

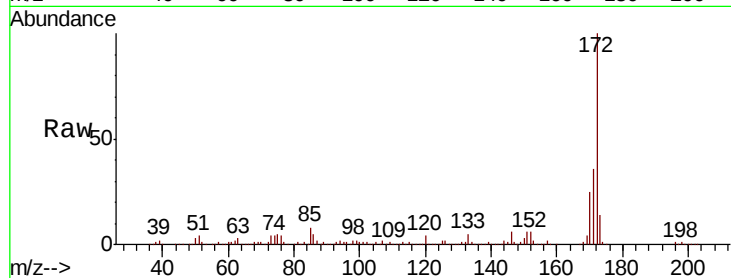




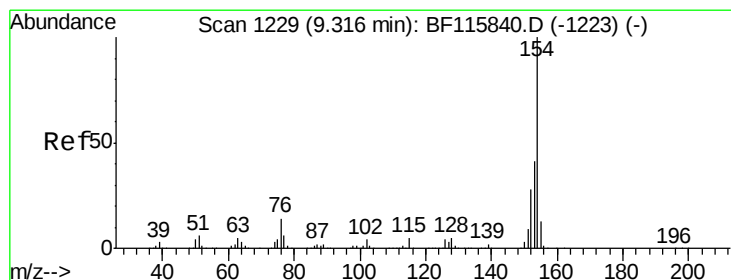
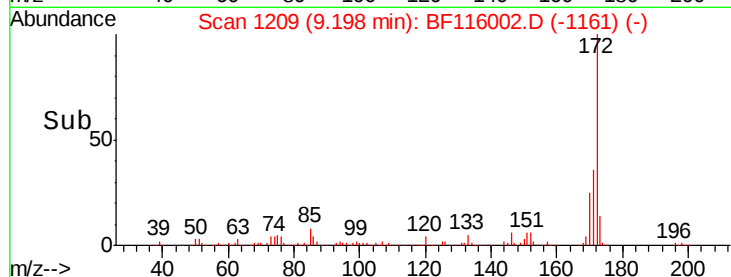
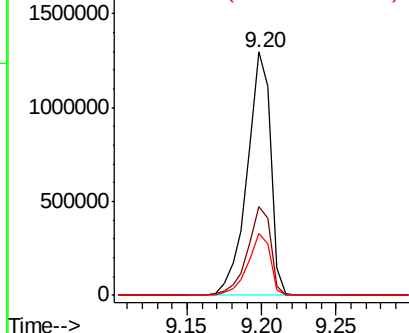
#45
2-Fluorobiphenyl
Concen: 79.112 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1395479
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.2 20.1 30.1

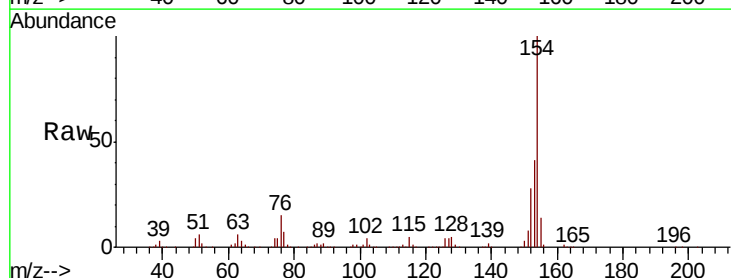


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

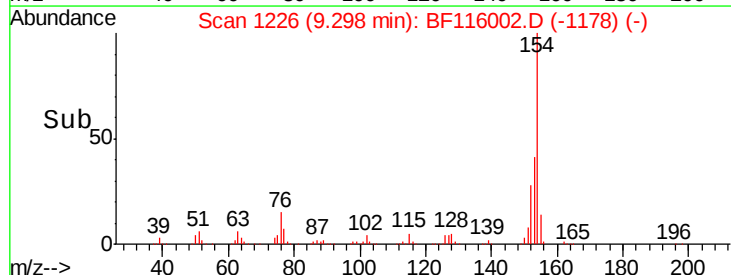
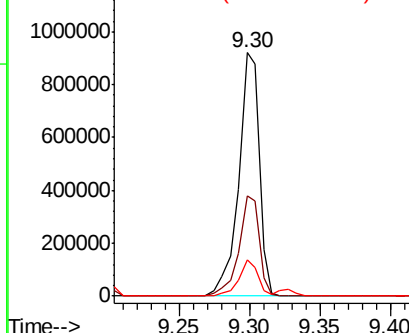


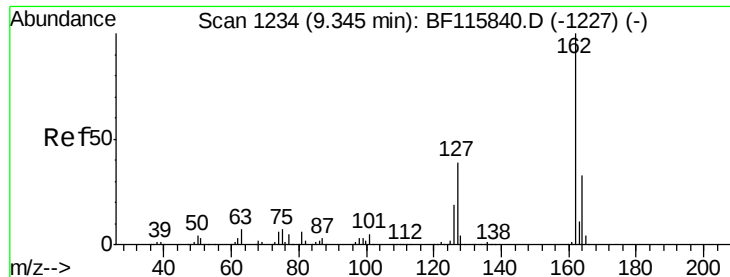
#46
1,1'-Biphenyl
Concen: 40.086 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:154 Resp: 935033
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 14.7 0.0 34.3



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

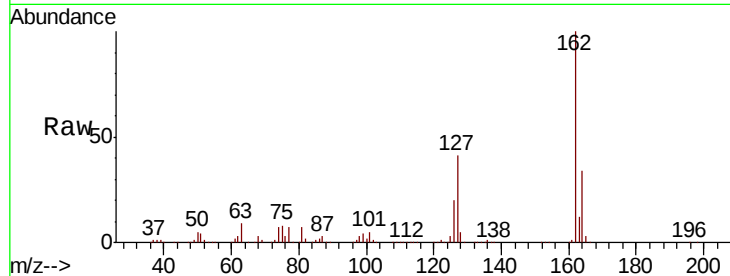




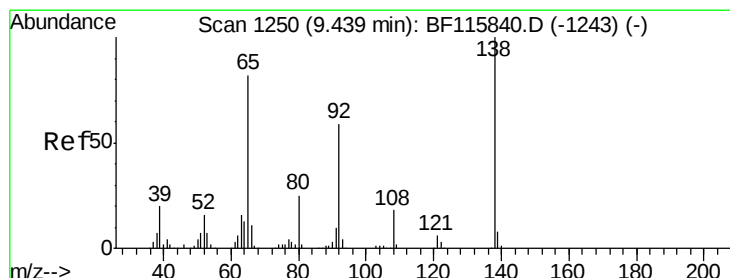
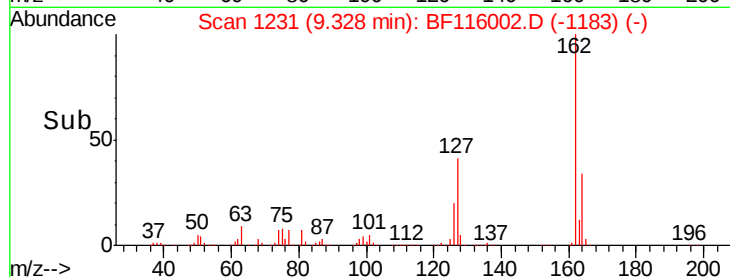
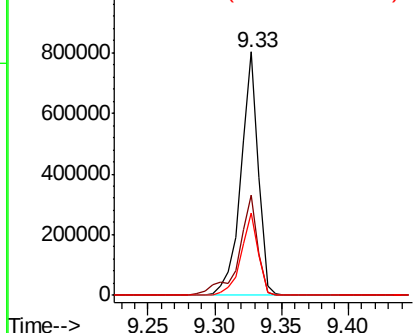
#47
 2-Chloronaphthalene
 Concen: 37.322 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.3	46.9
164	33.9	26.6	40.0

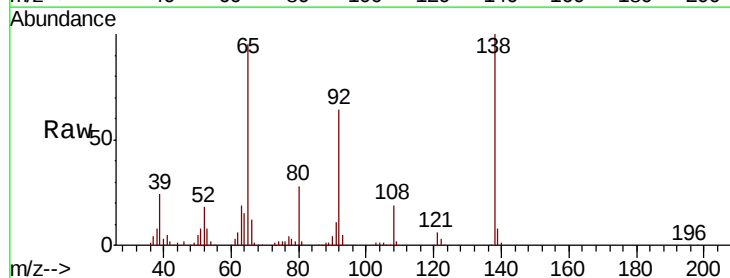


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

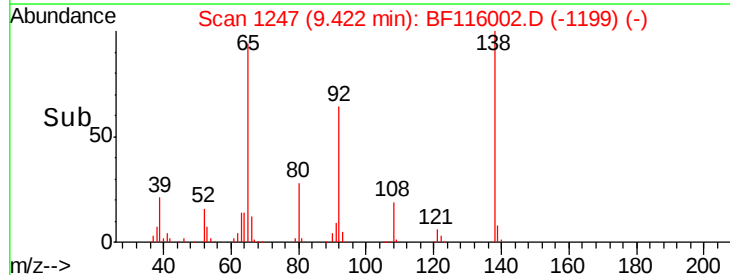
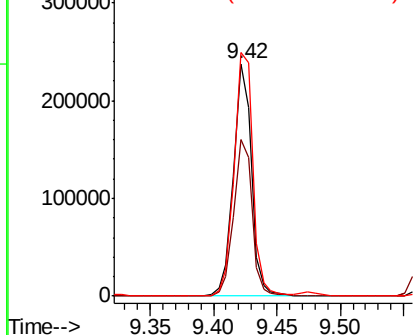


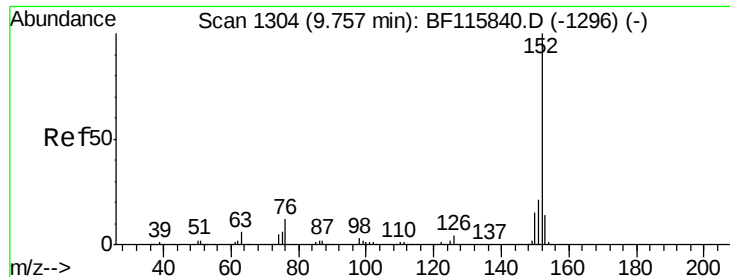
#48
 2-Nitroaniline
 Concen: 36.178 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	57.1	85.7
138	104.8	97.1	145.7



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





#49

Acenaphthylene

Concen: 39.182 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

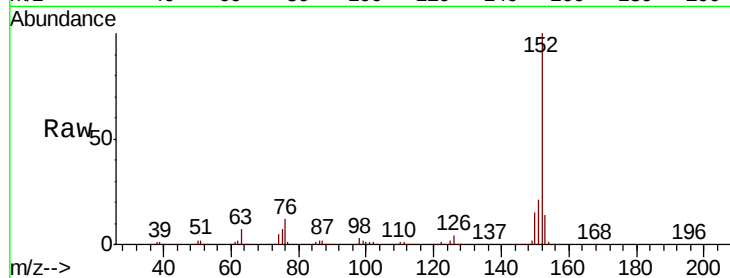
Tot Ion:152 Resp: 1109760

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

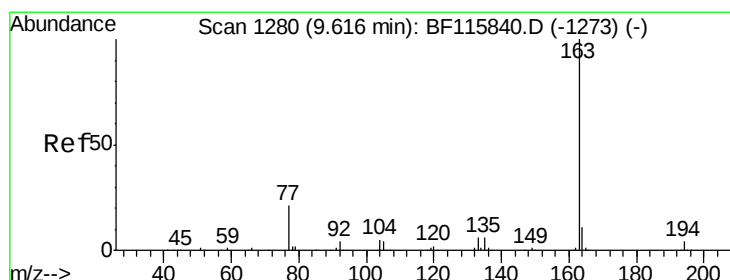
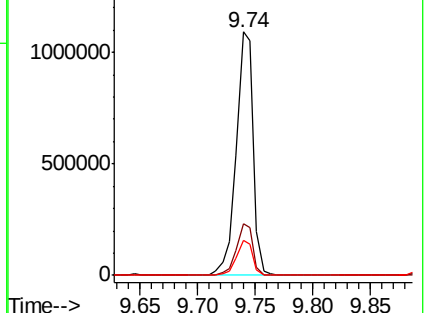
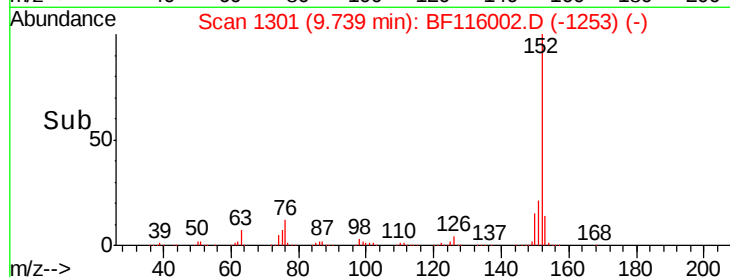
153 14.4 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.589 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

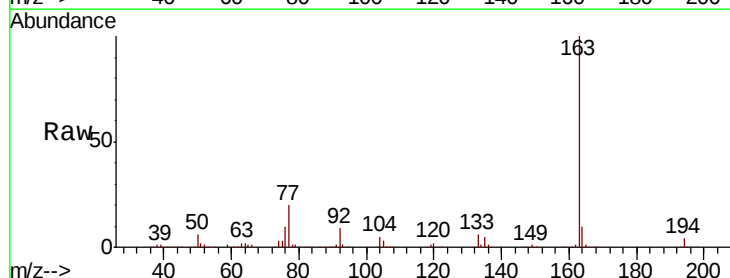
Tgt Ion:163 Resp: 868095

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

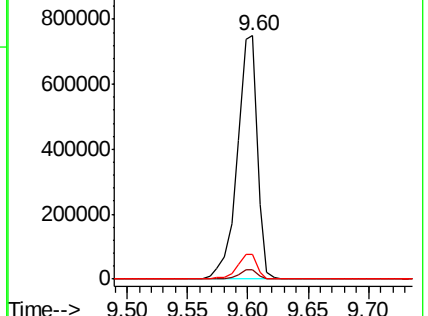
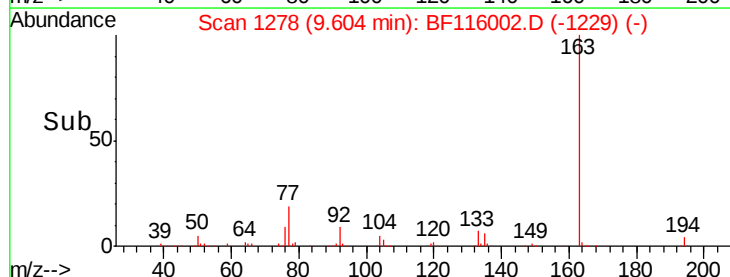
164 10.1 8.4 12.6

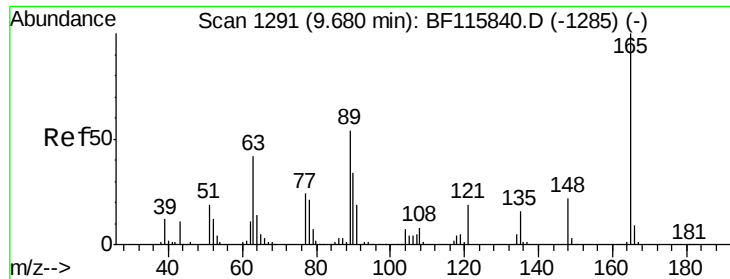


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.287 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampled :

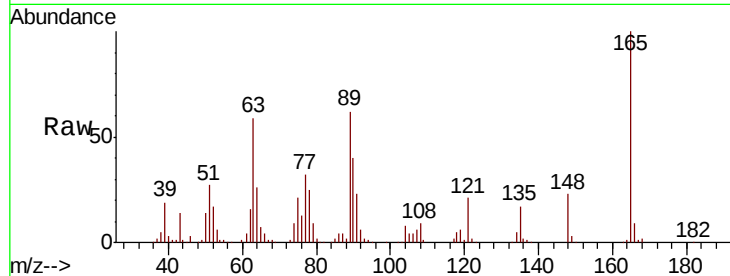
Tot Ion:165 Resp: 192068

Ion Ratio Lower Upper

165 100

63 59.3 39.4 59.2#

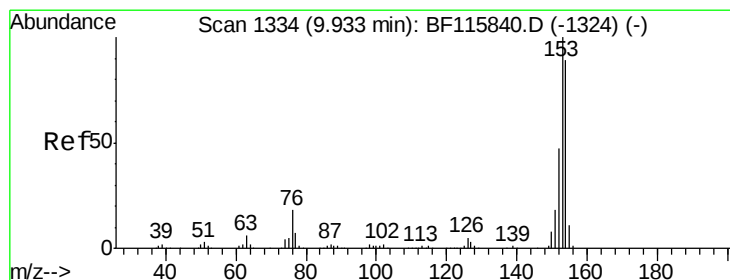
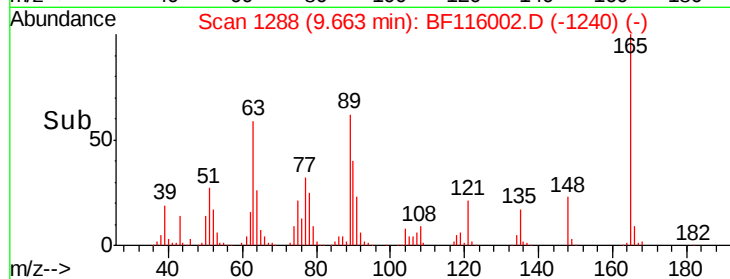
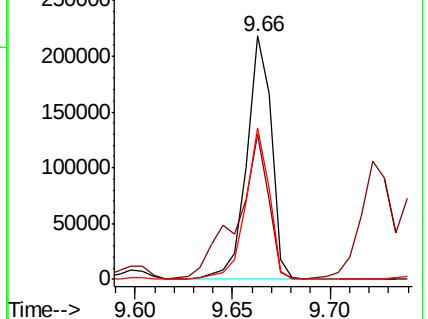
89 62.4 43.0 64.6



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: 38.187 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

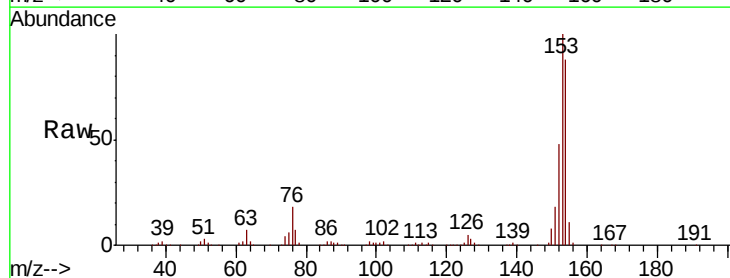
Tgt Ion:154 Resp: 663524

Ion Ratio Lower Upper

154 100

153 114.1 90.1 135.1

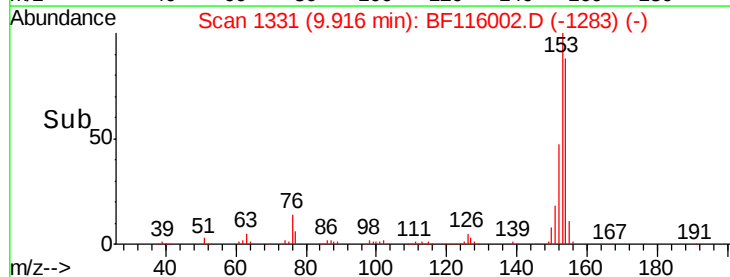
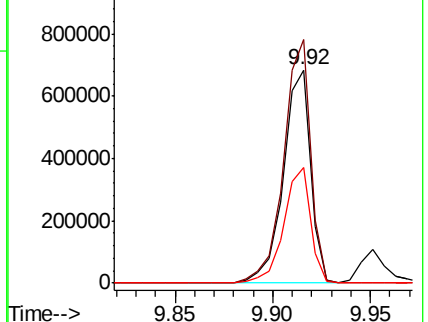
152 54.3 42.6 63.8

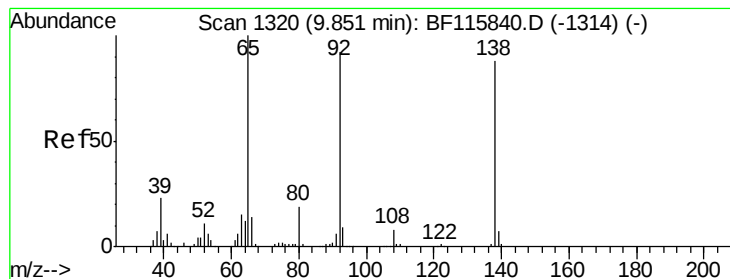


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.820 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

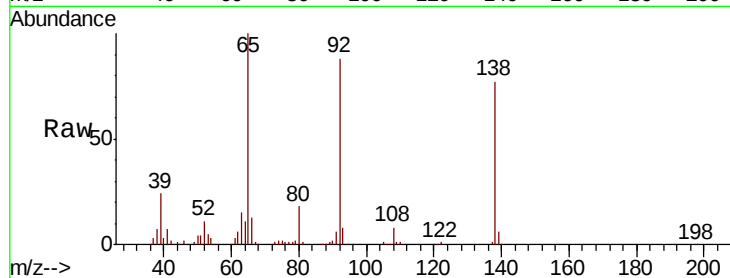
Tot Ion:138 Resp: 155974

Ion Ratio Lower Upper

138 100

108 10.0 7.4 11.2

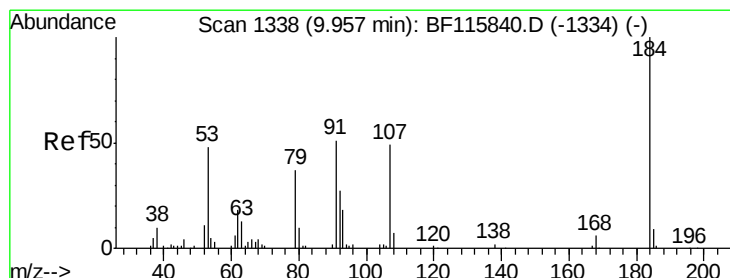
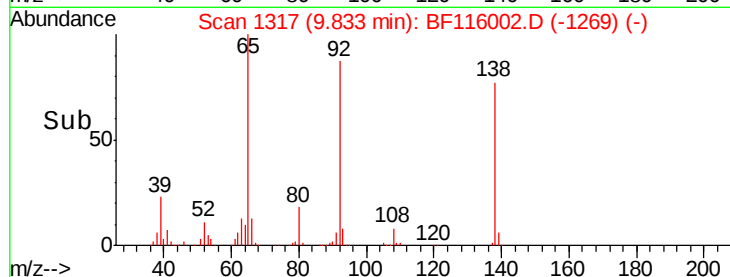
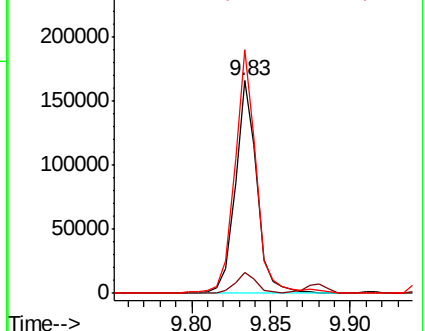
92 114.4 83.9 125.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 67.656 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

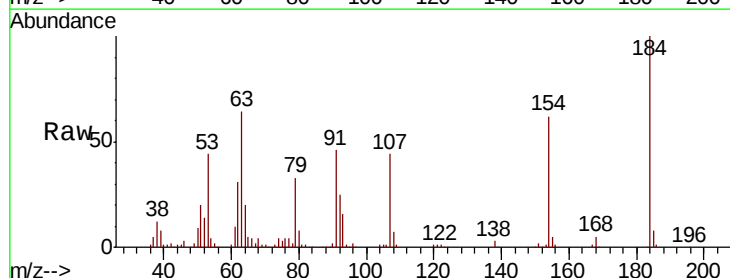
Tgt Ion:184 Resp: 164907

Ion Ratio Lower Upper

184 100

63 63.9 56.7 85.1

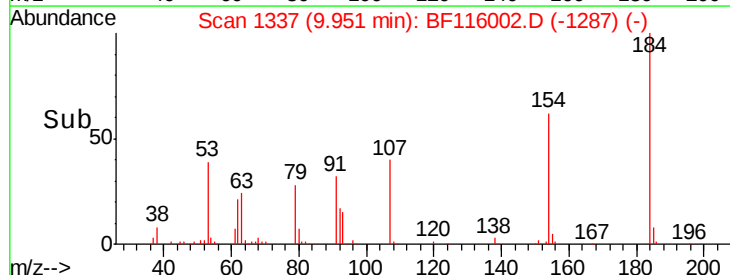
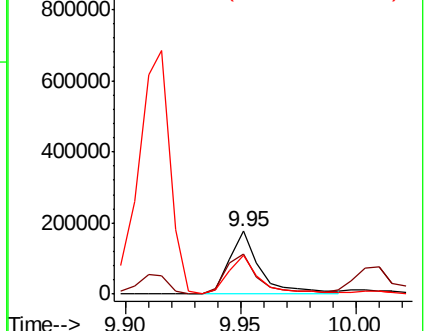
154 62.0 51.9 77.9

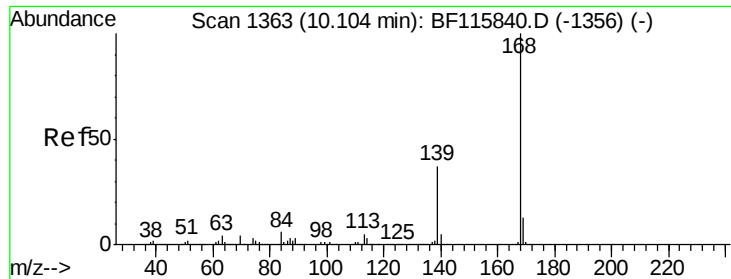


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

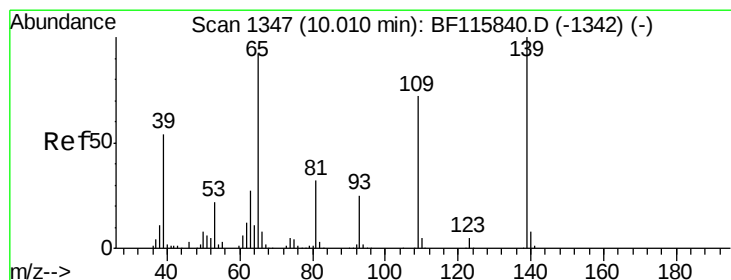
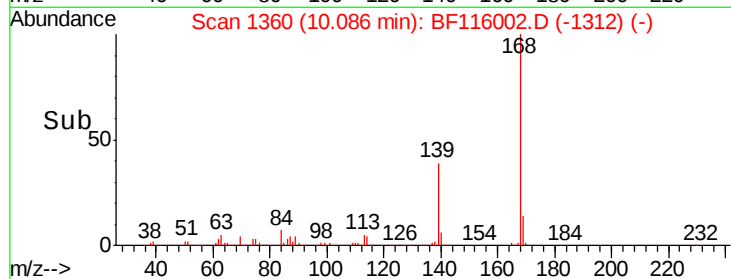
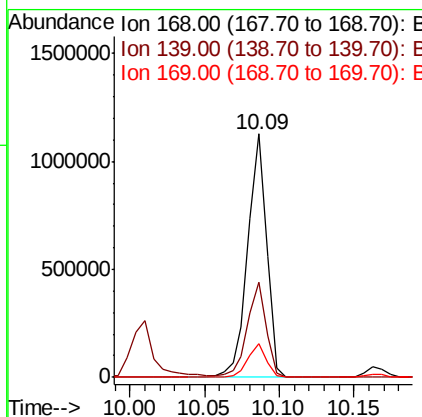
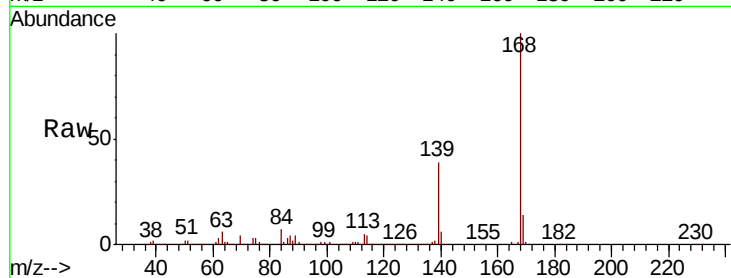




#55
Dibenzofuran
Concen: 39.269 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

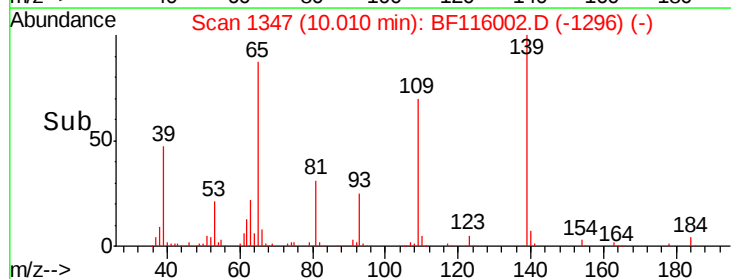
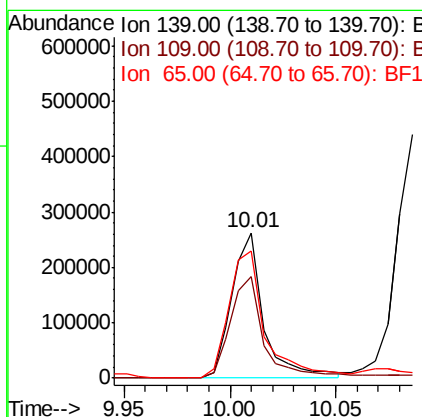
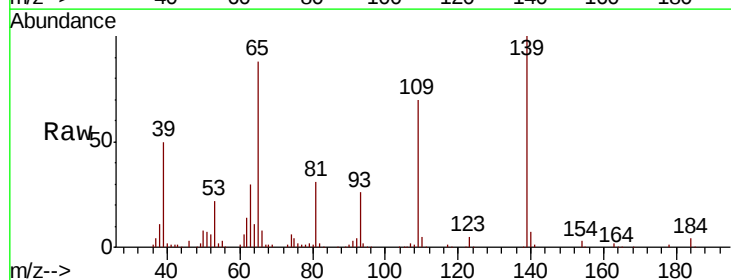
Instrument :
BNA_F
ClientSampled :

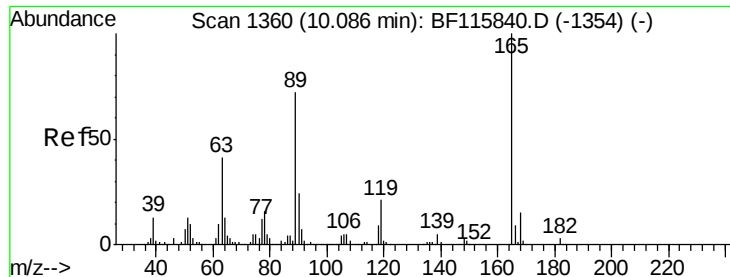
Tot Ion:168 Resp: 992274
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.2
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 71.006 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:139 Resp: 274772
Ion Ratio Lower Upper
139 100
109 69.8 52.0 92.0
65 87.6 72.6 112.6

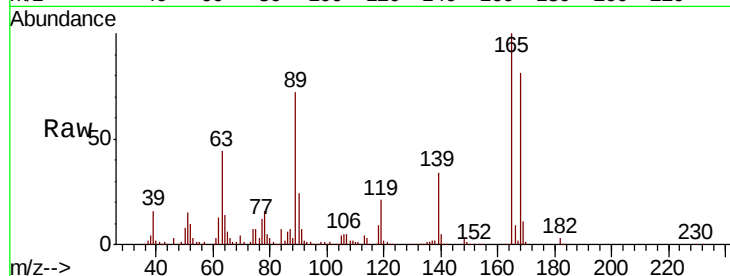




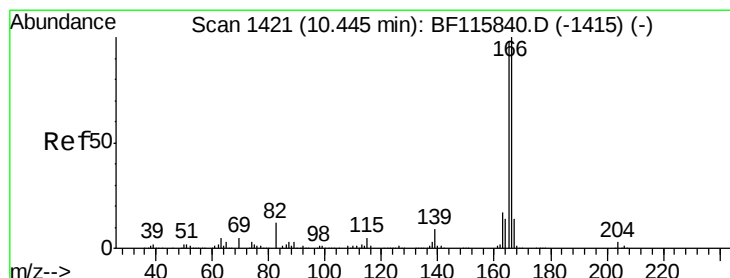
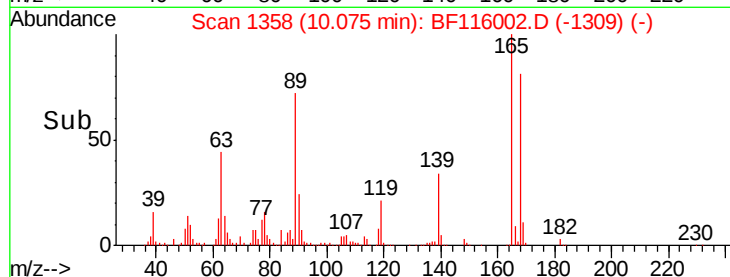
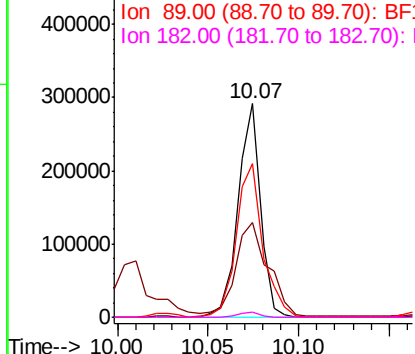
#57
2,4-Dinitrotoluene
Concen: 38.517 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	250710
Ion	Ratio	Lower	Upper
165	100		
63	44.3	33.2	49.8
89	71.8	57.3	85.9
182	2.5	2.1	3.1

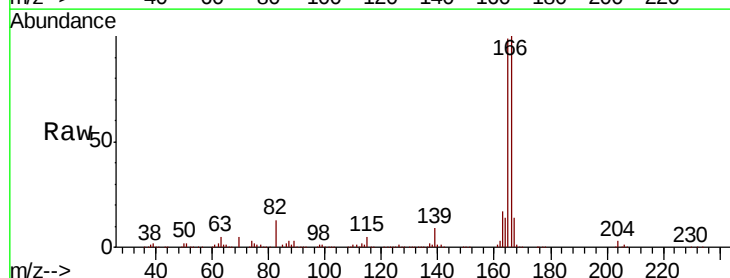


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

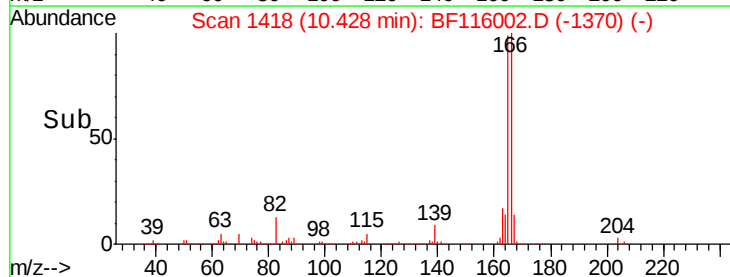
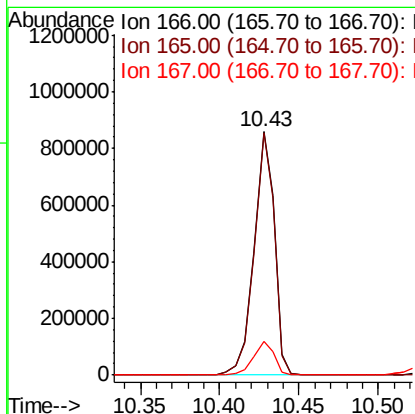


#58
Fluorene
Concen: 39.387 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:	166	Resp:	765725
Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	118.0
167	13.8	10.9	16.3



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

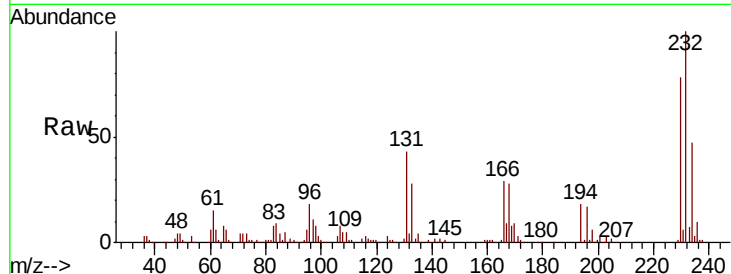




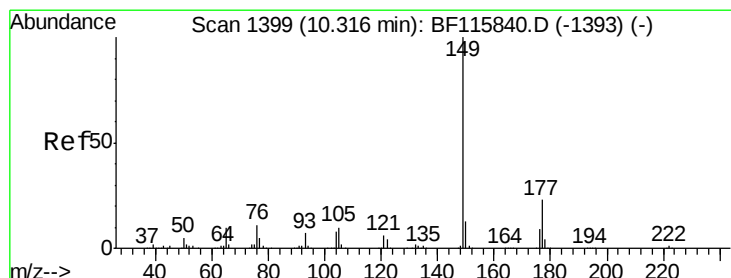
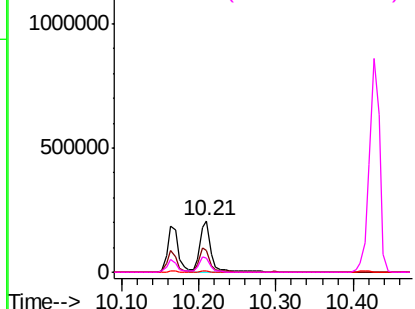
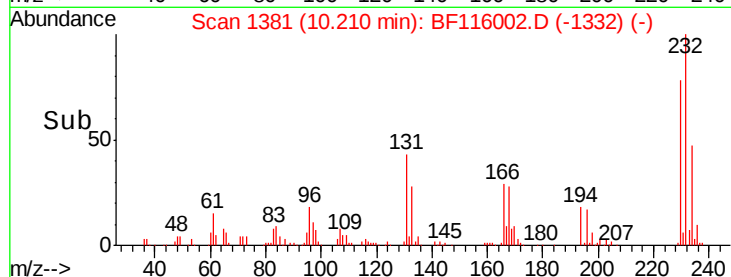
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.116 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	212106
Ion	Ratio	Lower Upper
232	100	
131	45.6	37.6 56.4
130	2.3	1.8 2.8
166	29.2	24.6 37.0

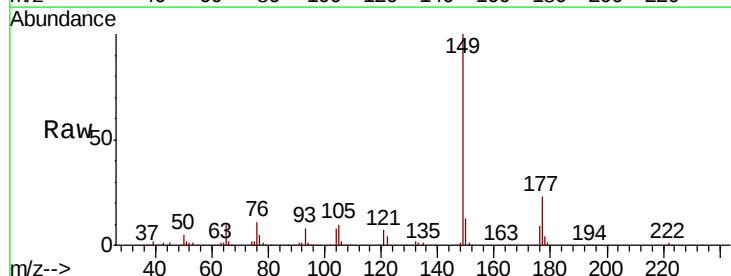


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

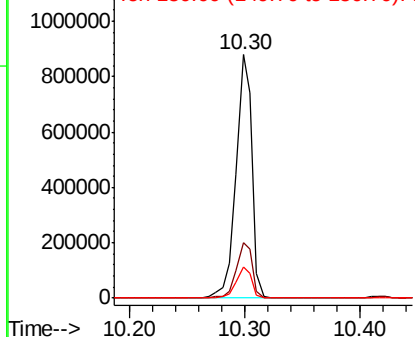
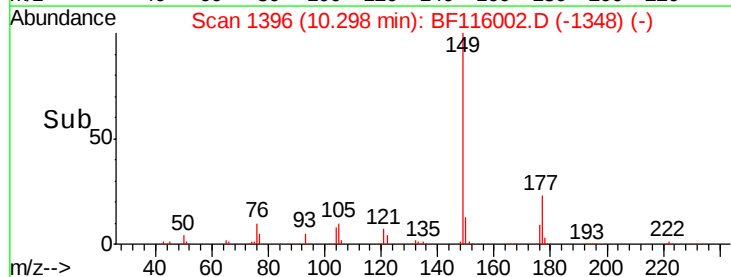


#60
 Diethylphthalate
 Concen: 39.642 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion:149	Resp:	832598
Ion	Ratio	Lower Upper
149	100	
177	22.6	18.4 27.6
150	12.8	10.1 15.1



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

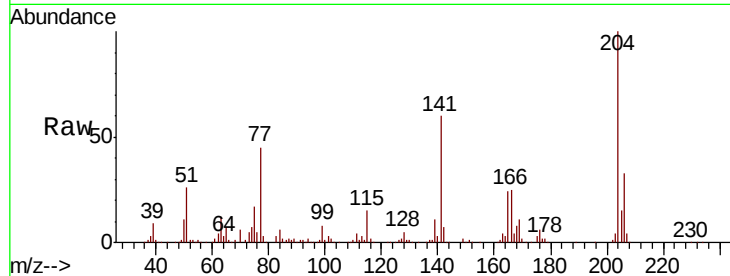




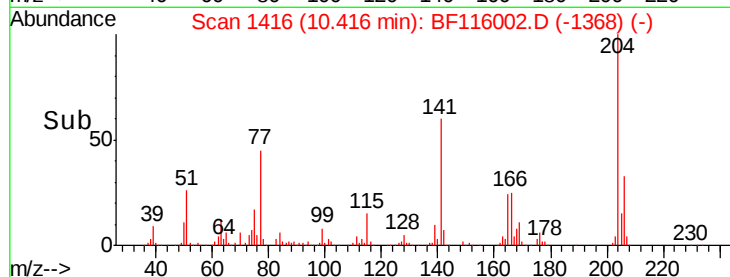
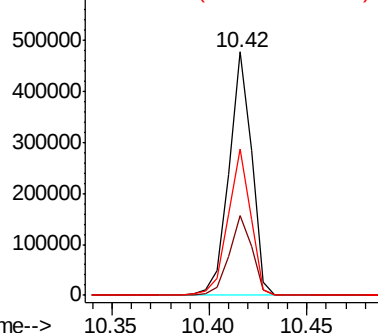
#61
4-Chlorophenyl-phenylether
Concen: 39.191 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 385875
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.1 47.0 70.4

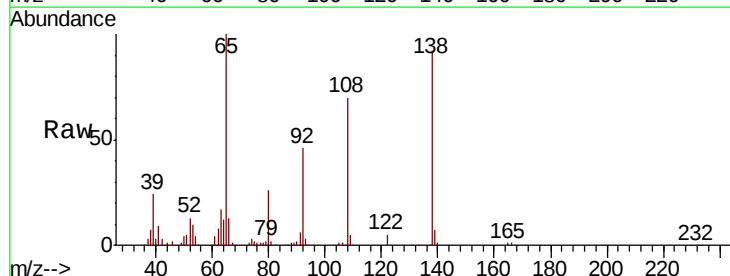


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

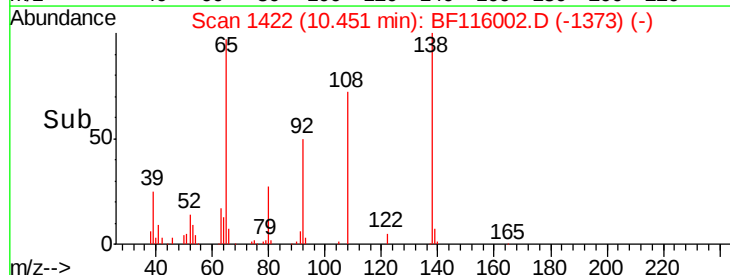
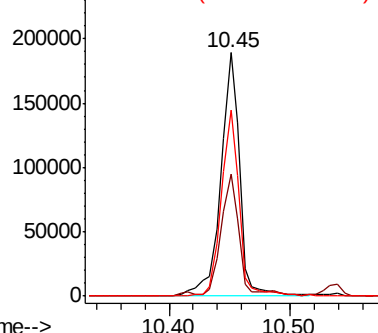


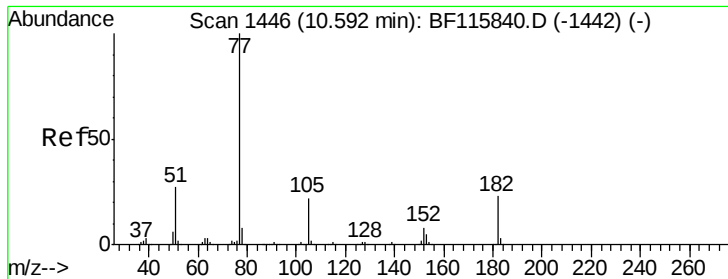
#62
4-Nitroaniline
Concen: 33.113 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:138 Resp: 206718
Ion Ratio Lower Upper
138 100
92 50.3 31.0 71.0
108 76.3 56.7 96.7



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





#63

Azobenzene

Concen: 39.496 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 853224

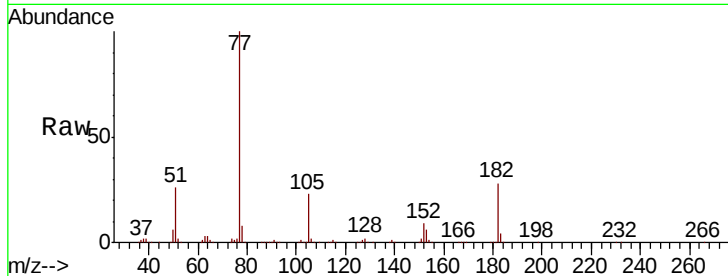
Ion Ratio Lower Upper

77 100

182 27.9 2.6 42.6

105 23.0 1.6 41.6

51 26.0 7.4 47.4

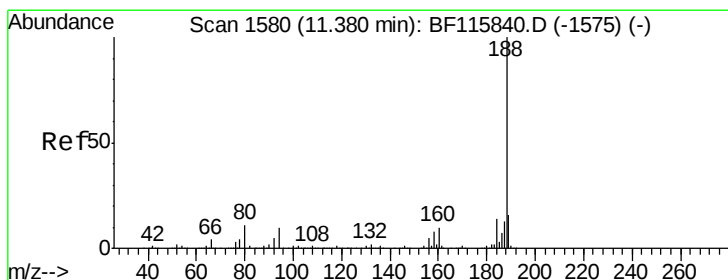
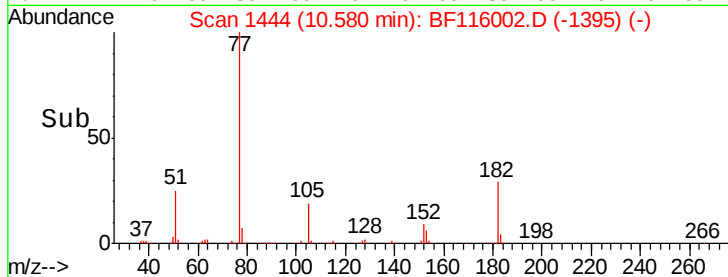
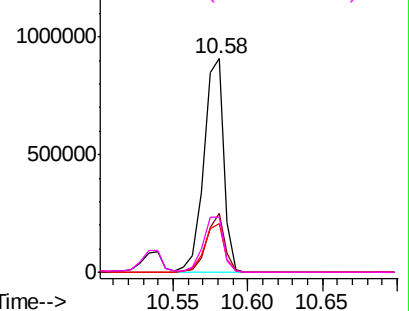


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

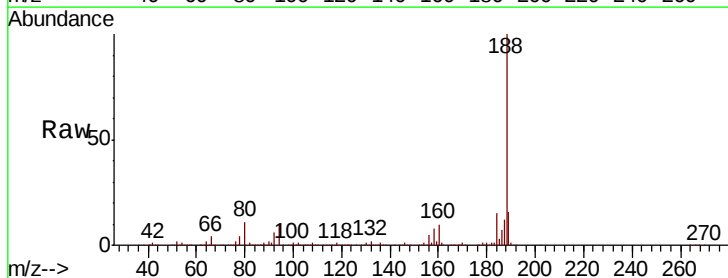
Tgt Ion: 188 Resp: 571686

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

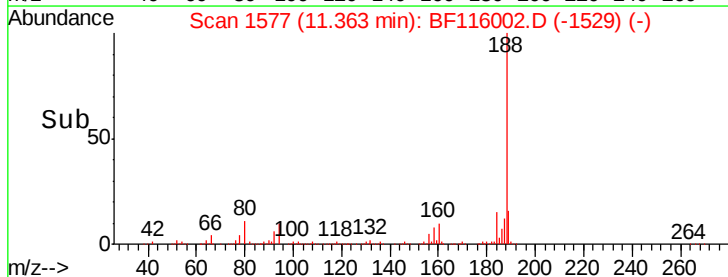
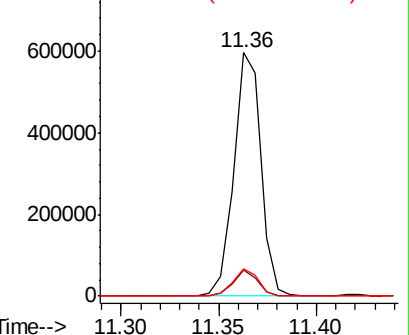
80 11.5 8.6 12.8

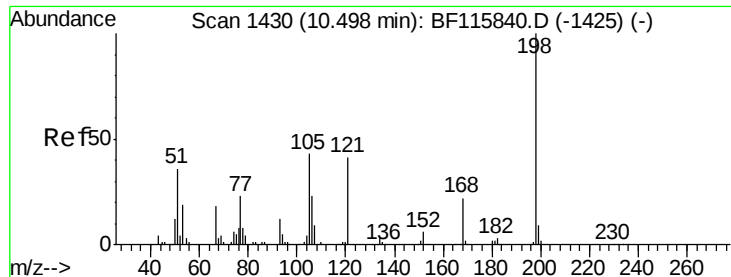


Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.917 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

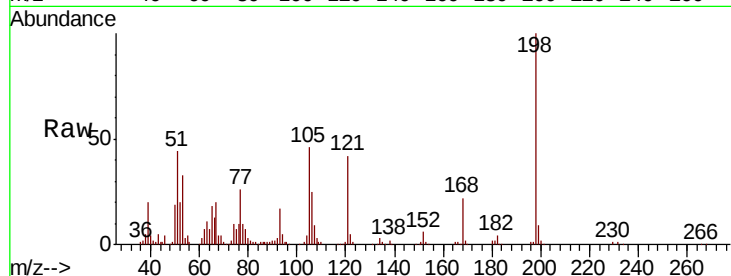
Tot Ion:198 Resp: 120931

Ion Ratio Lower Upper

198 100

51 44.5 21.1 61.1

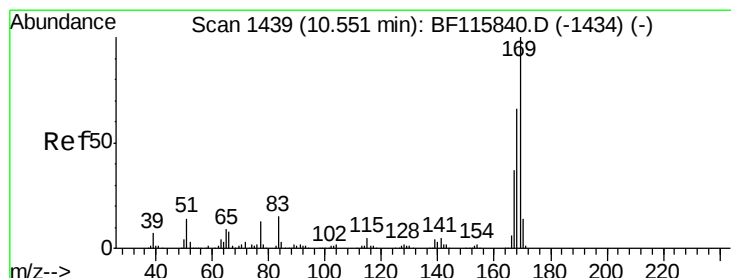
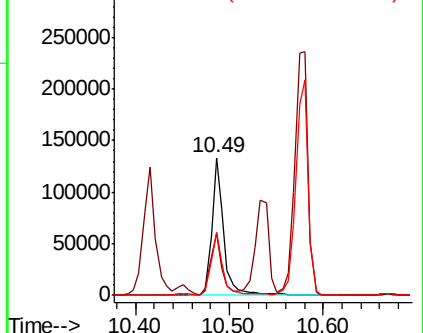
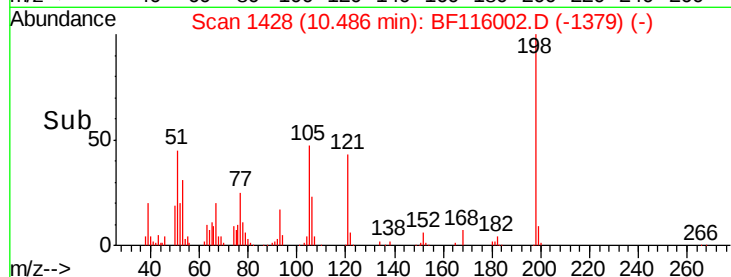
105 46.1 24.5 64.5



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: 40.099 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

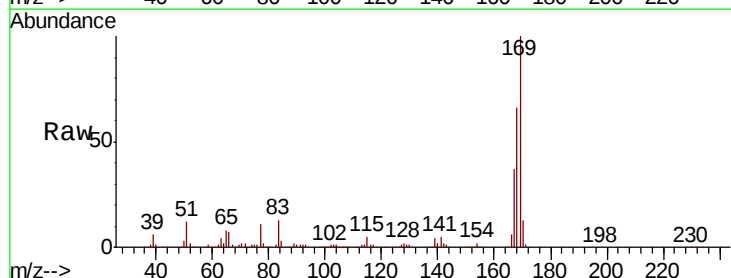
Tgt Ion:169 Resp: 689997

Ion Ratio Lower Upper

169 100

168 66.2 53.0 79.6

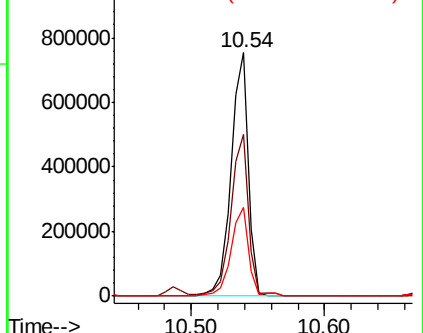
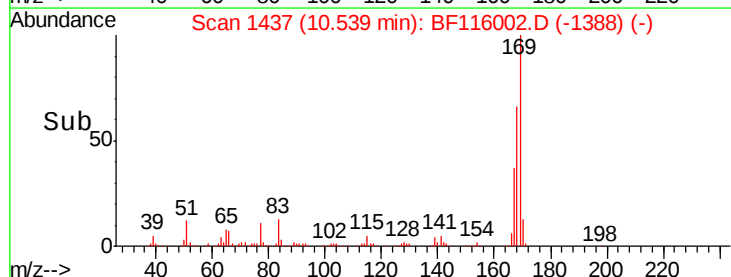
167 36.6 29.9 44.9

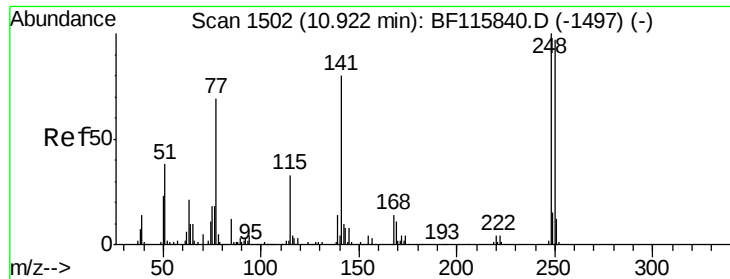


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

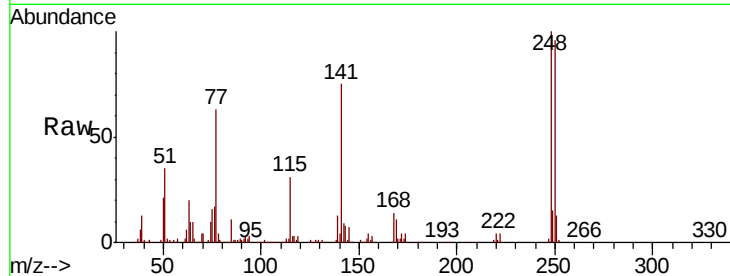




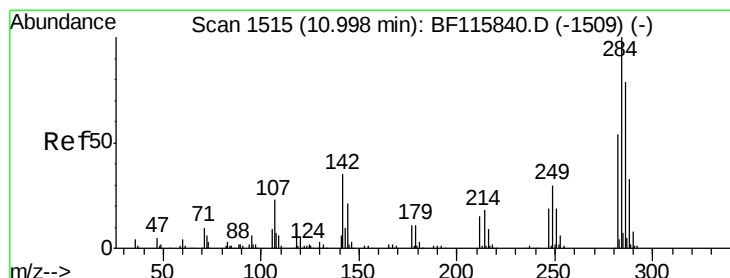
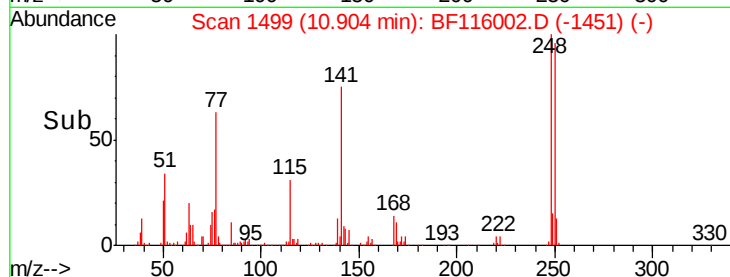
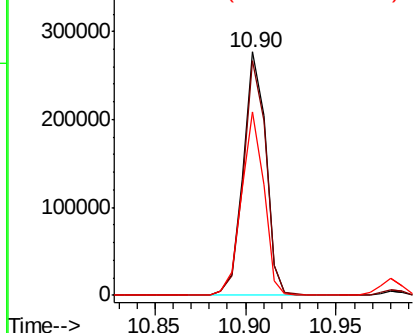
#67
4-Bromophenyl-phenylether
Concen: 39.353 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 240835
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 75.5 64.3 96.5

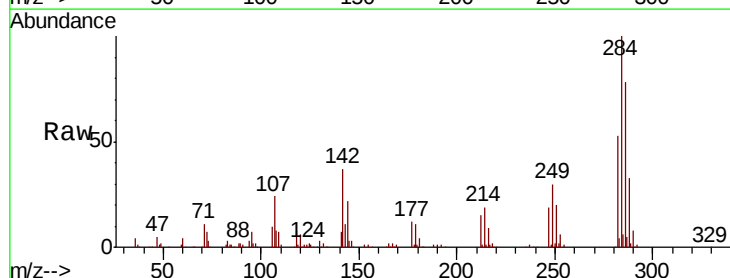


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

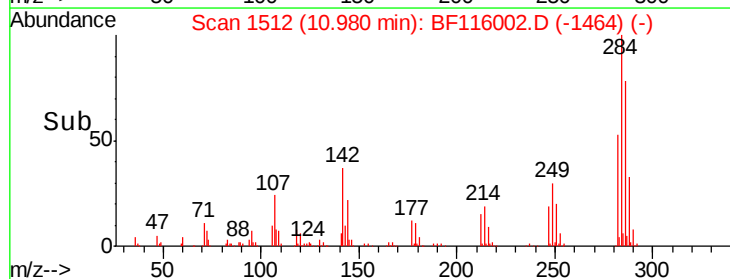
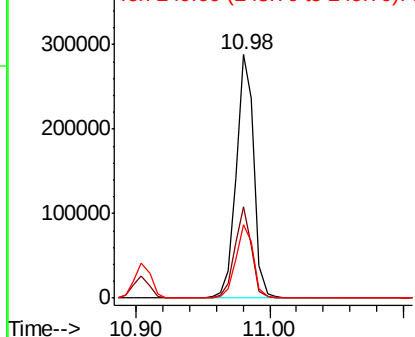


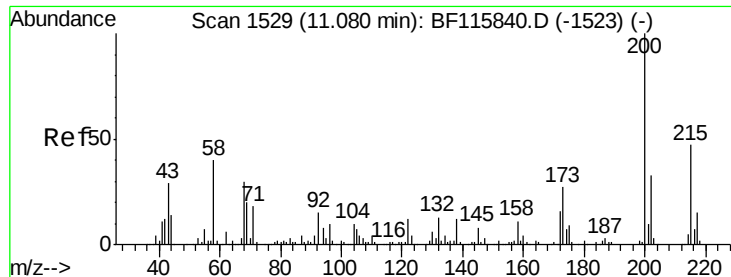
#68
Hexachlorobenzene
Concen: 37.609 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:284 Resp: 266147
Ion Ratio Lower Upper
284 100
142 37.5 28.2 42.2
249 30.2 24.0 36.0



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

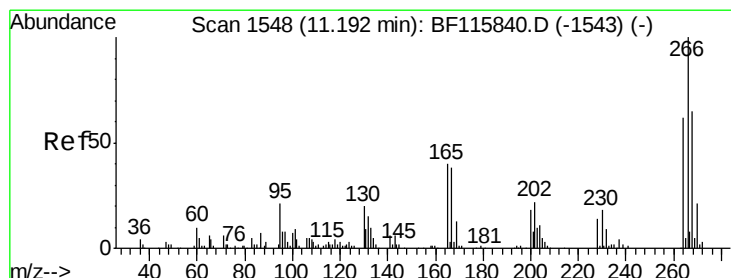
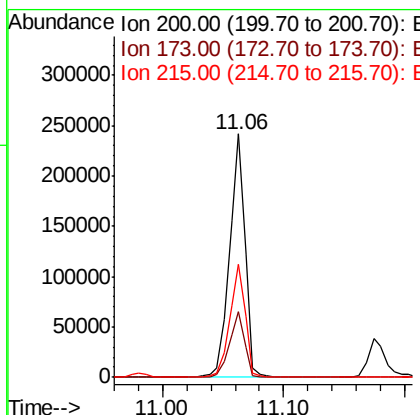
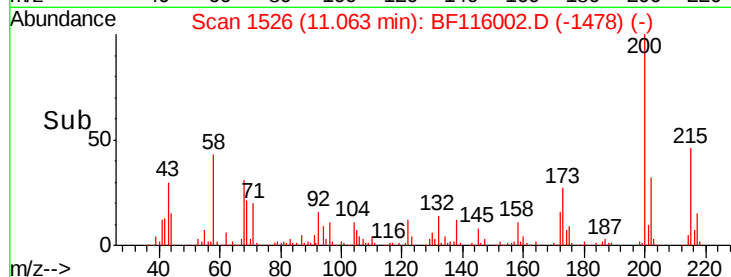
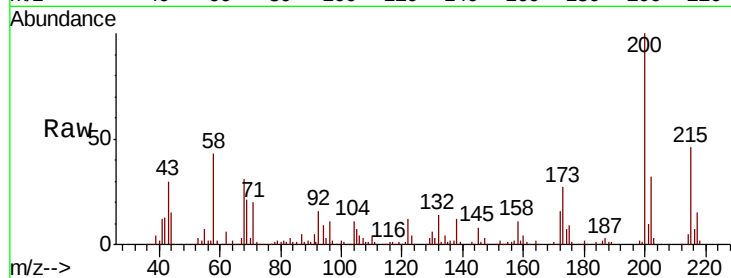




#69
 Atrazine
 Concen: 38.059 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

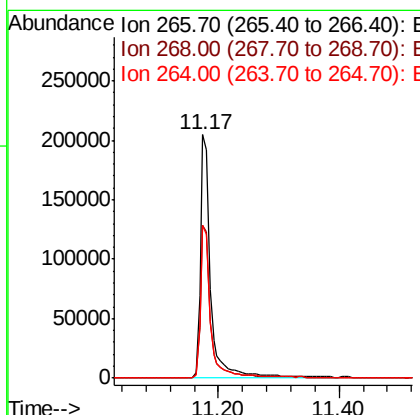
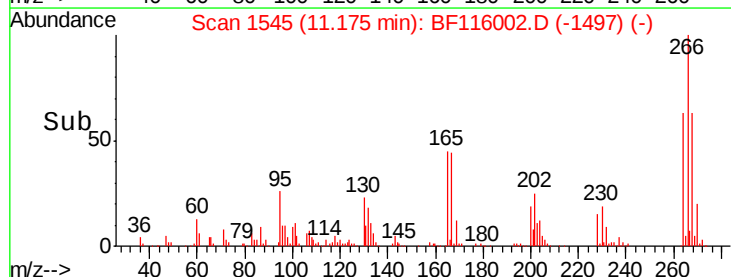
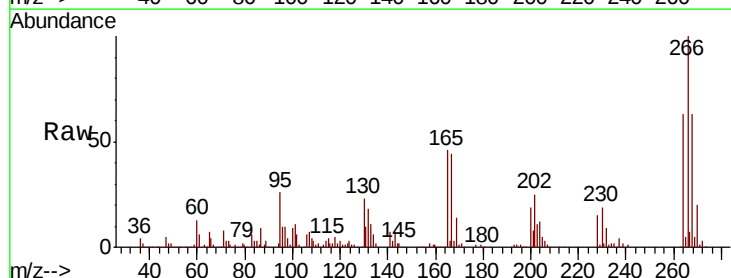
Instrument :
 BNA_F
 ClientSampleId :

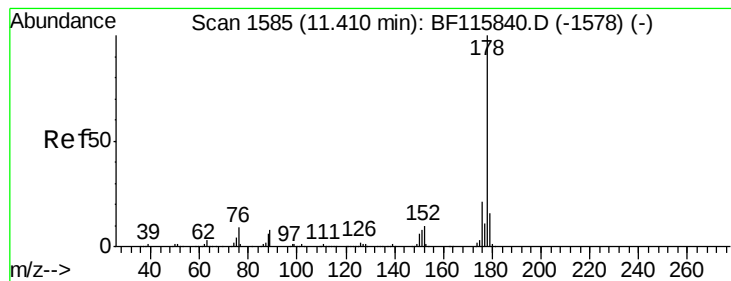
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.3	47.3
215	46.4	26.9	66.9



#70
 Pentachlorophenol
 Concen: 72.087 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.6	77.4
264	62.9	49.4	74.0





#71

Phenanthrene

Concen: 38.693 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

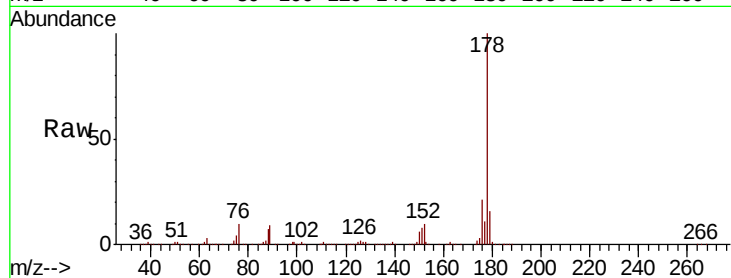
Tot Ion:178 Resp: 1130830

Ion Ratio Lower Upper

178 100

176 20.8 16.5 24.7

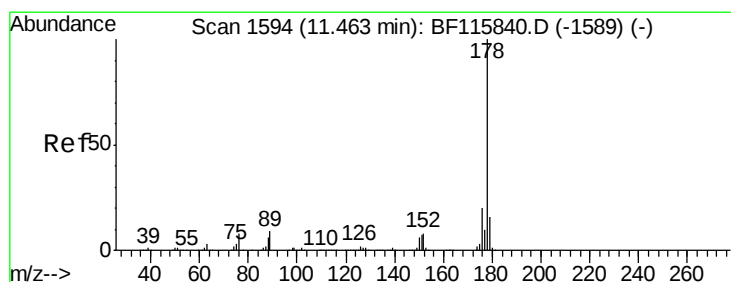
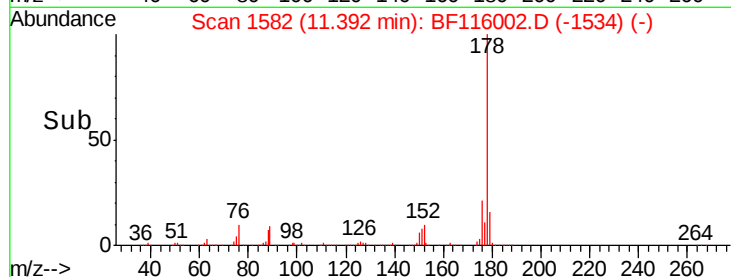
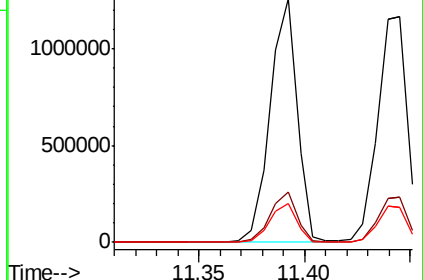
179 15.9 12.6 18.8



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: 39.488 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

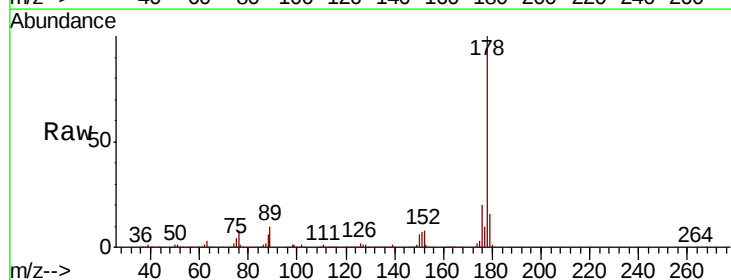
Tgt Ion:178 Resp: 1167968

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

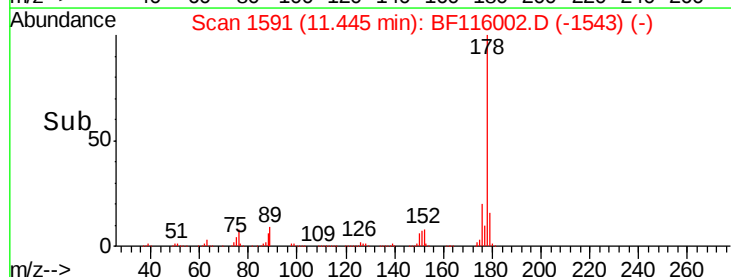
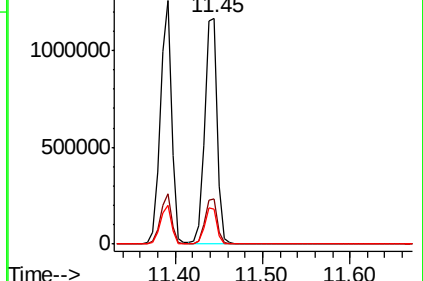
179 15.8 12.4 18.6

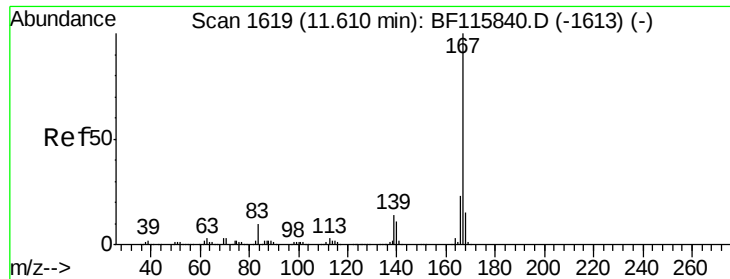


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

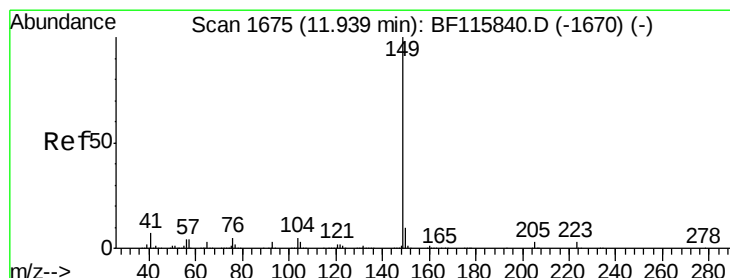
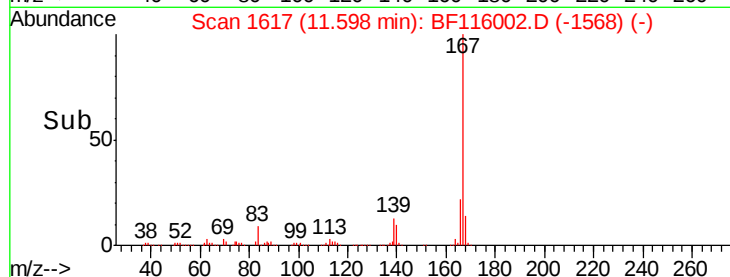
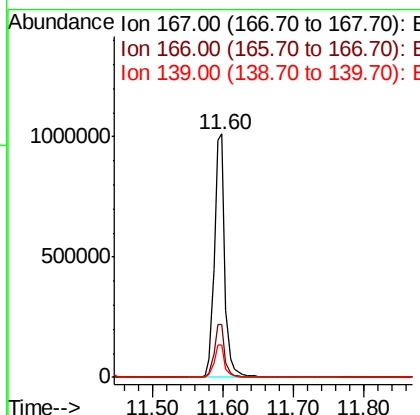
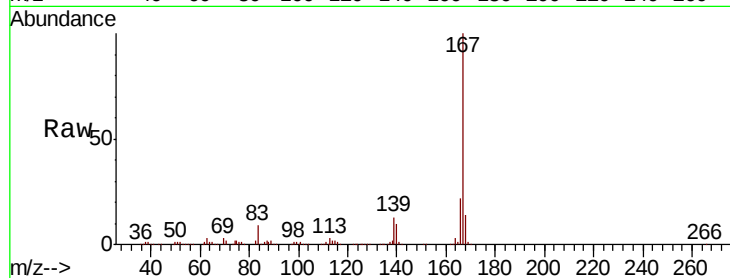




#73
 Carbazole
 Concen: 39.418 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

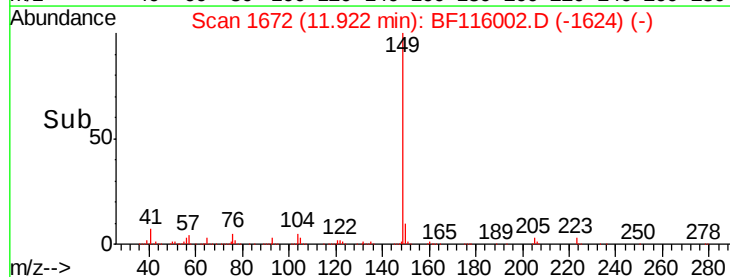
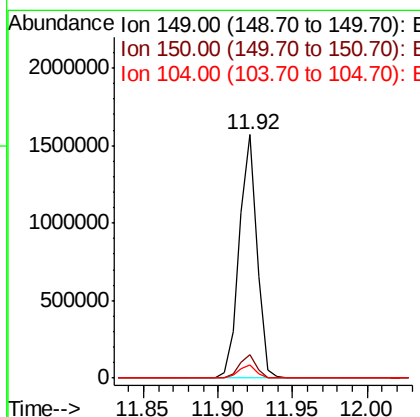
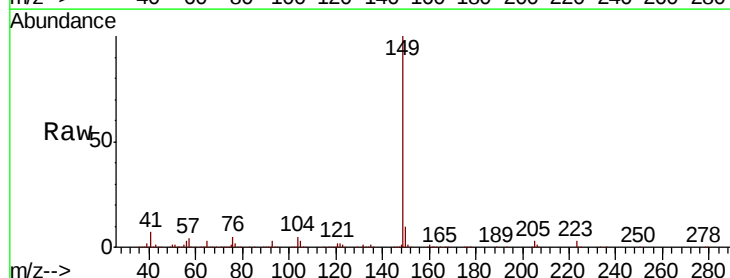
Instrument :
 BNA_F
 ClientSampleId :

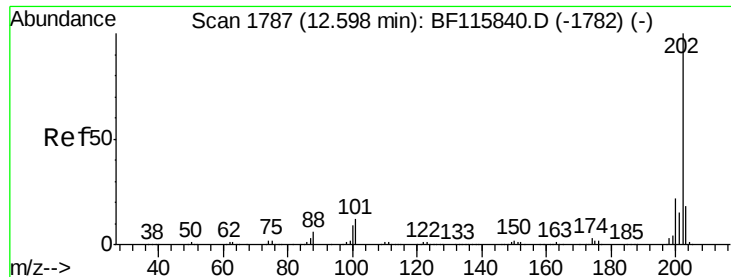
Tot Ion:167 Resp: 1057746
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 13.3 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 41.678 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion:149 Resp: 1304655
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 38.912 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

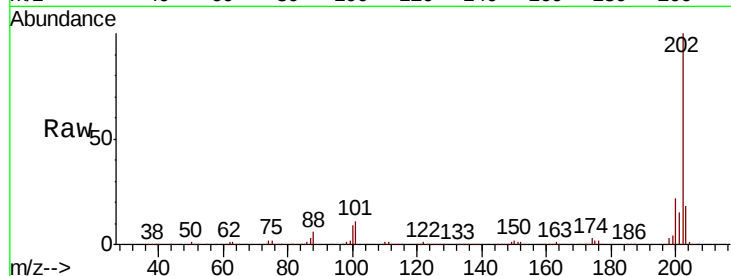
Tot Ion:202 Resp: 1190571

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

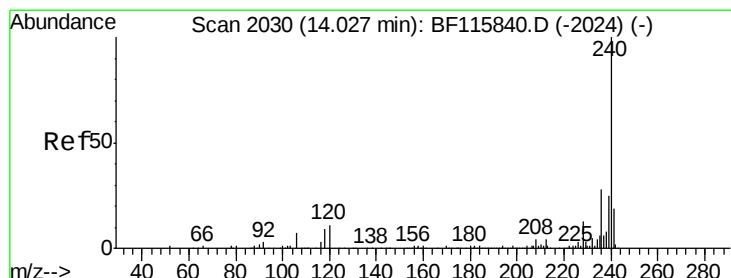
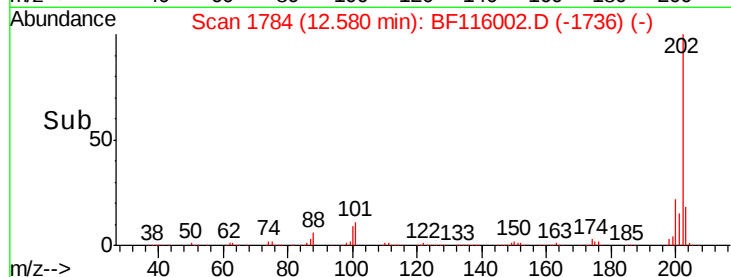
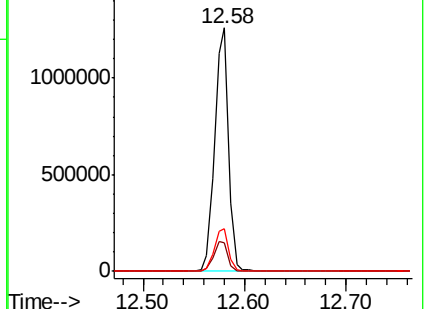
203 17.7 0.0 37.9



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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

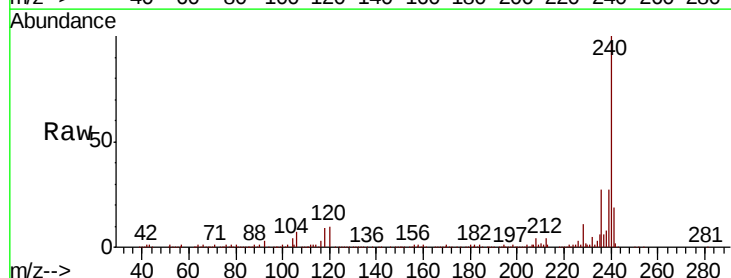
Tgt Ion:240 Resp: 403644

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

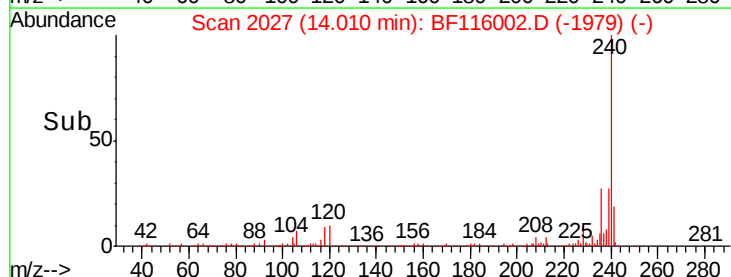
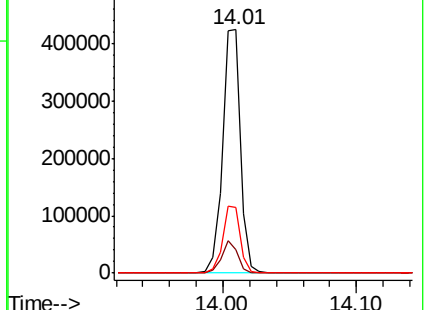
236 27.1 22.2 33.2



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: 28.776 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

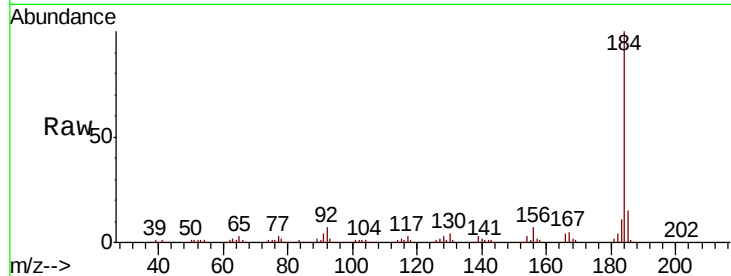
Tot Ion:184 Resp: 392408

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.5	9.1	13.7

184 100

185 14.6 13.4 20.2

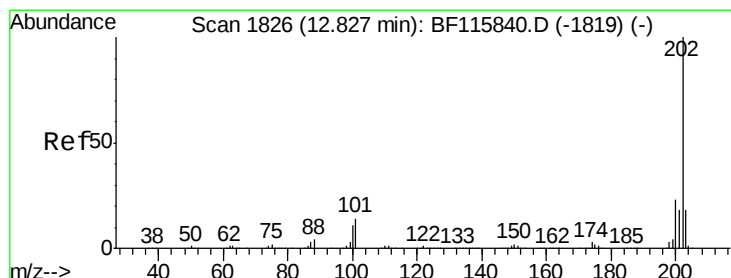
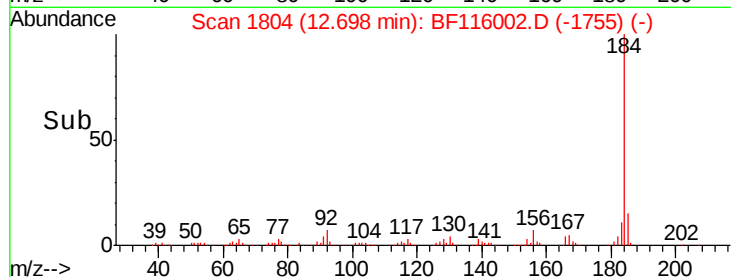
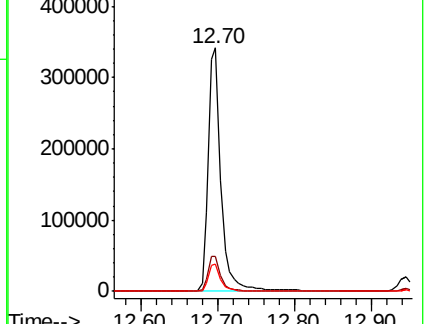
183 11.5 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.626 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

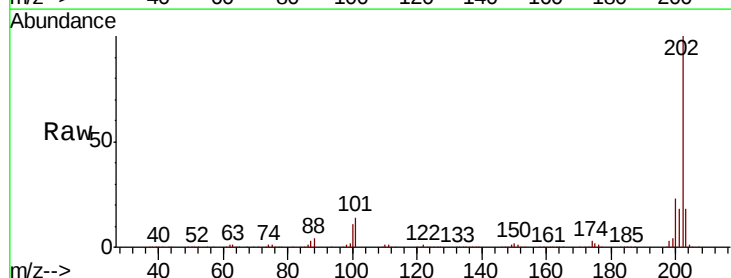
Tgt Ion:202 Resp: 1205707

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	17.6	14.3	21.5

202 100

200 22.7 18.2 27.2

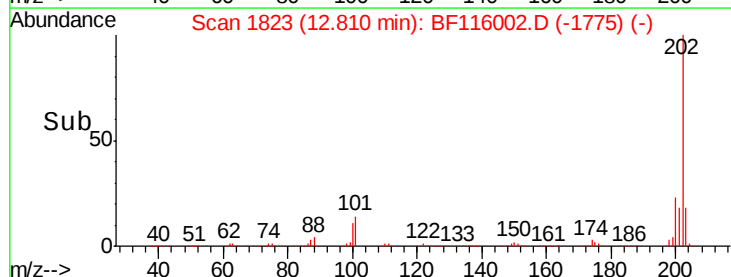
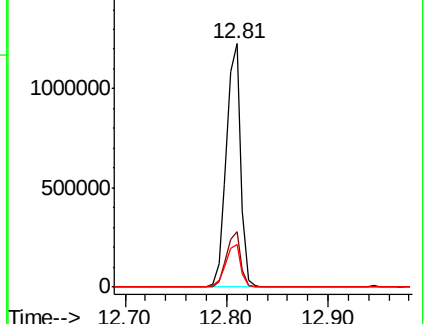
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

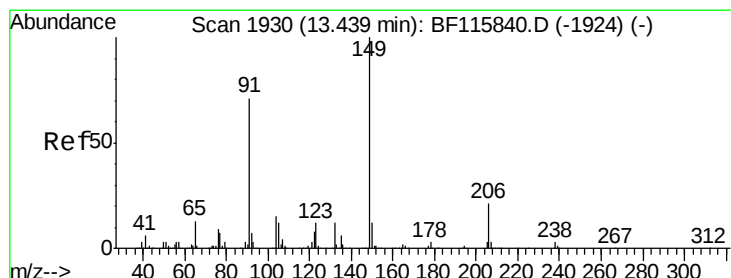
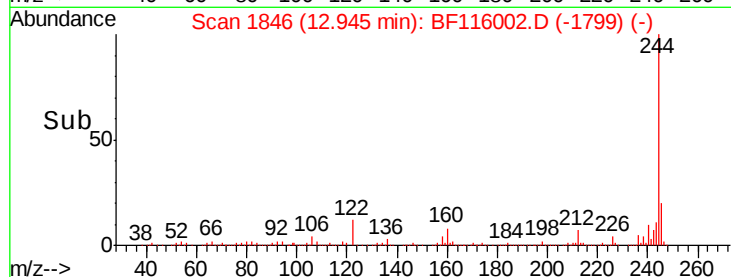
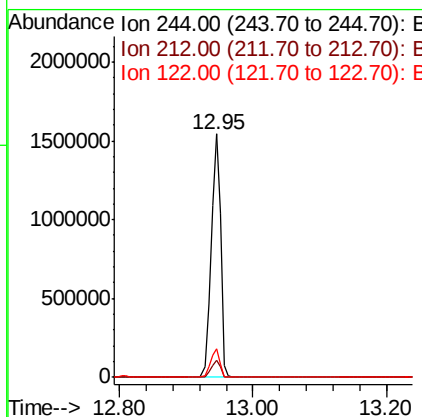
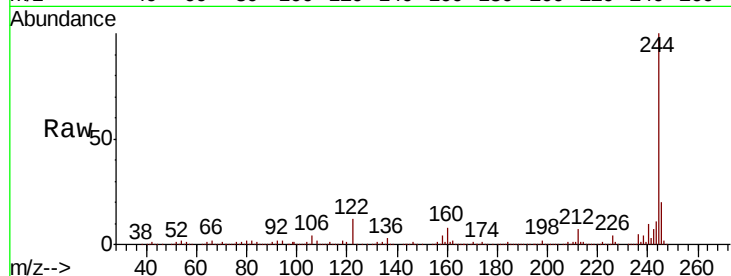




#79
 Terphenyl-d14
 Concen: 79.784 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

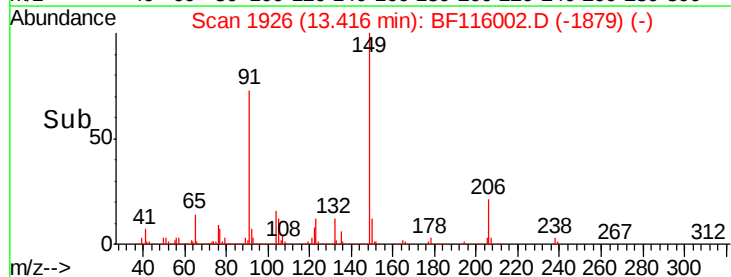
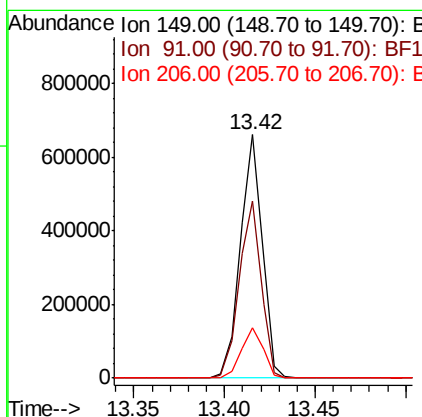
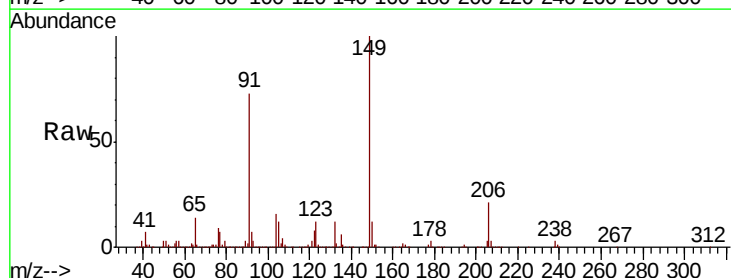
Instrument :
 BNA_F
 ClientSampleId :

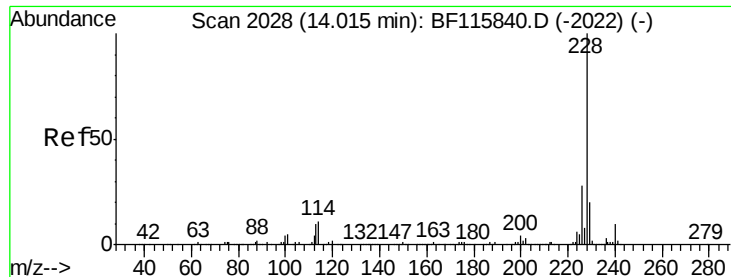
Tot Ion:244 Resp: 1528327
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.7 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 43.036 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion:149 Resp: 553917
 Ion Ratio Lower Upper
 149 100
 91 72.6 57.0 85.6
 206 20.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.697 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

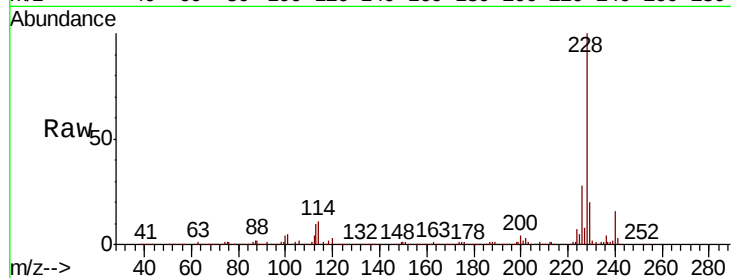
Tot Ion:228 Resp: 998374

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

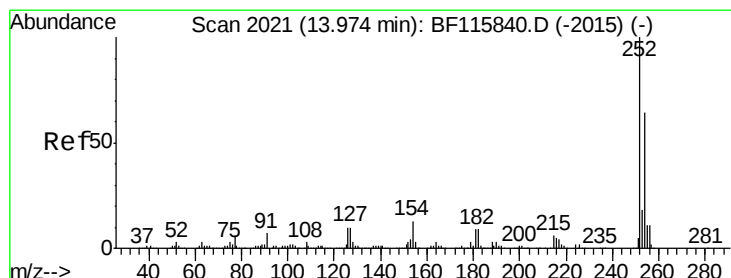
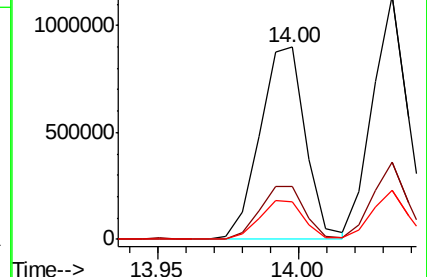
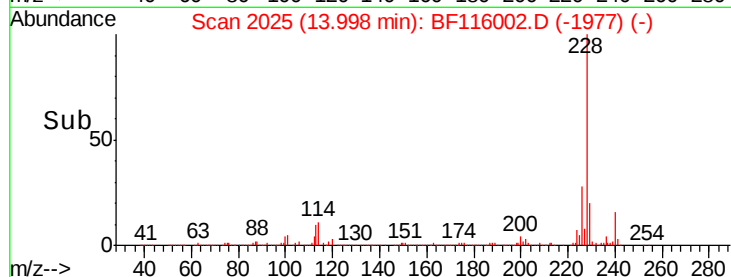
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.488 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

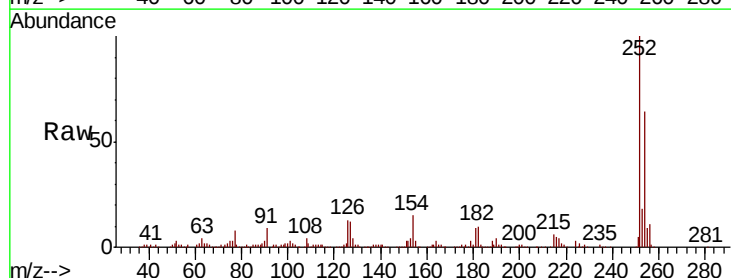
Tgt Ion:252 Resp: 318090

Ion Ratio Lower Upper

252 100

254 63.9 51.2 76.8

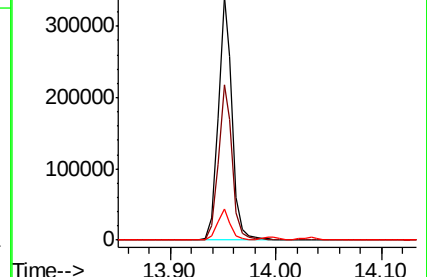
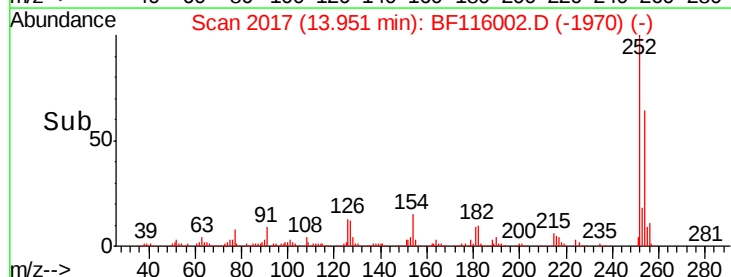
126 12.6 8.1 12.1#

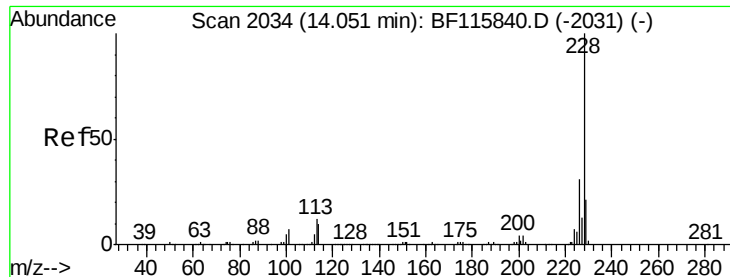


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

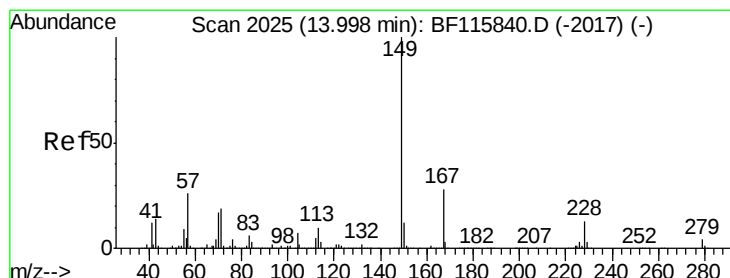
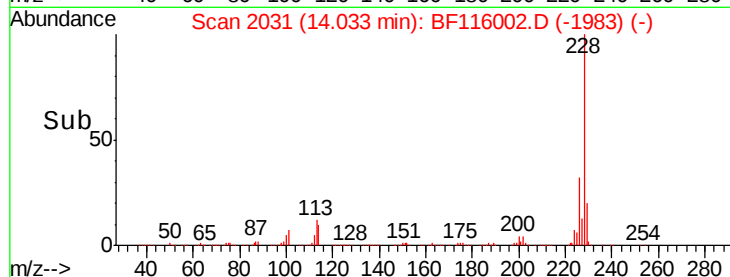
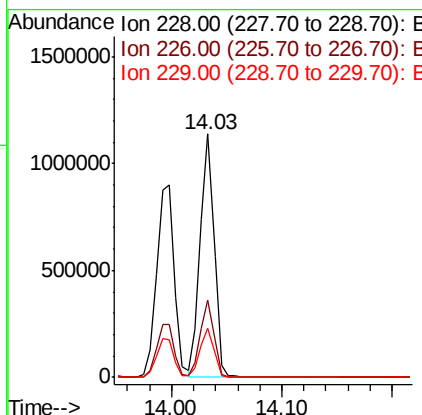
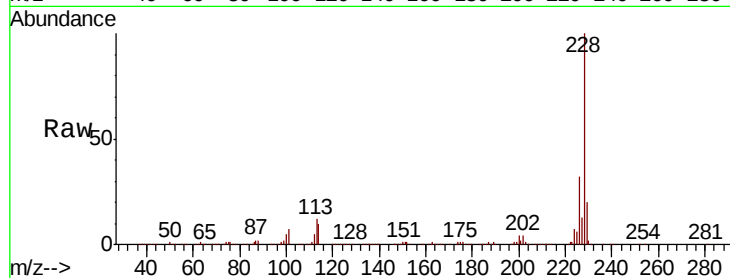




#83
 Chrvsene
 Concen: 38.737 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

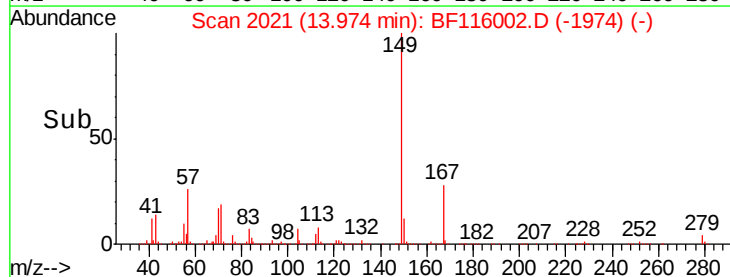
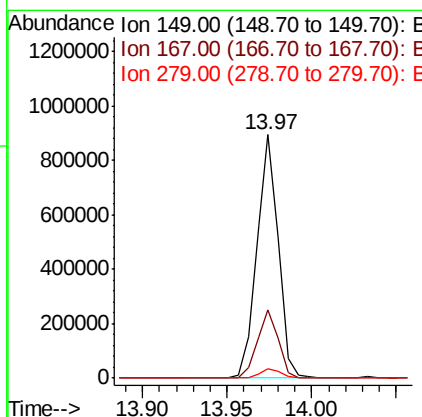
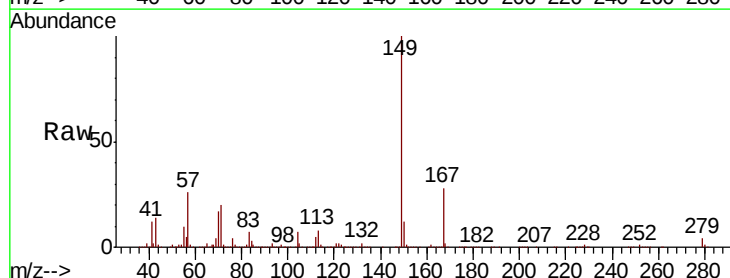
Instrument :
 BNA_F
 ClientSampleId :

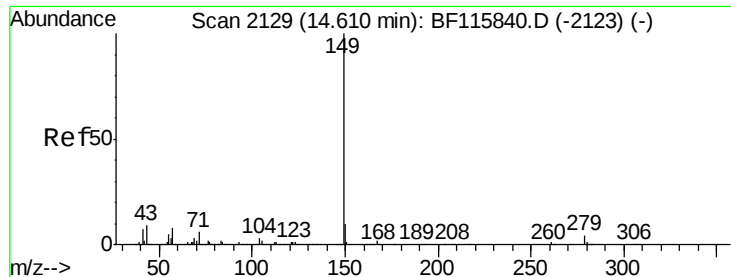
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	20.2	16.4	24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.121 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116002.D
 Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.0	3.3	4.9

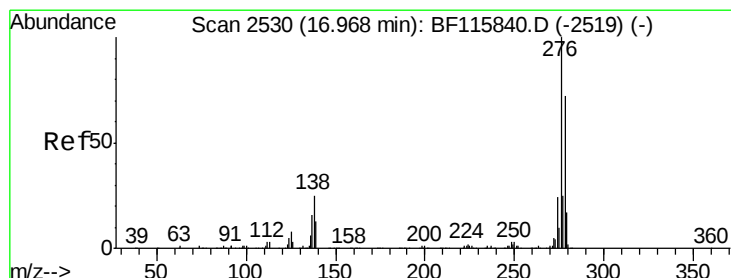
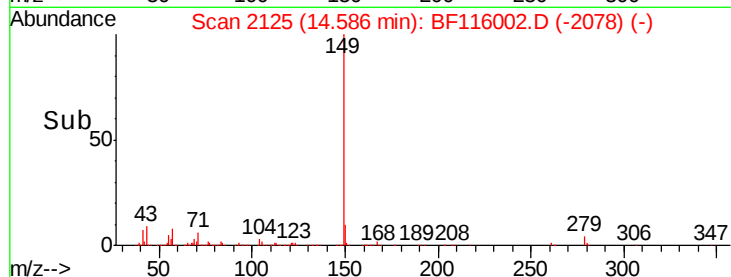
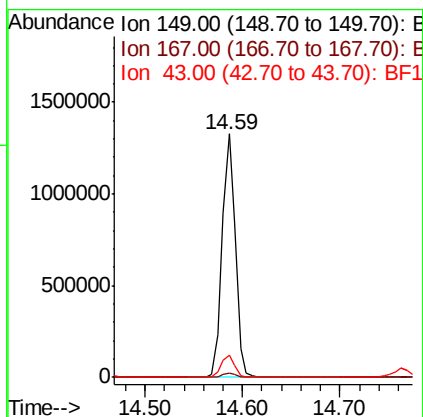
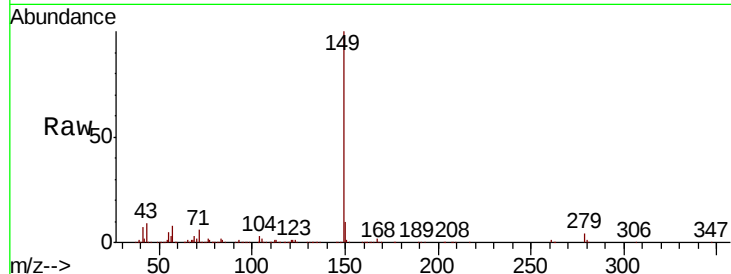




#85
Di-n-octyl phthalate
Concen: 47.007 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

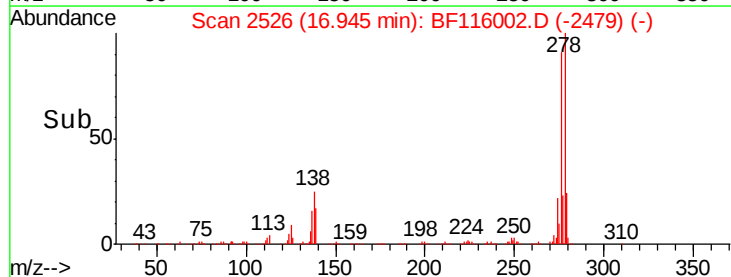
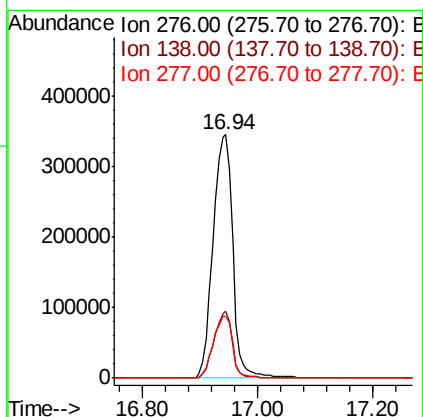
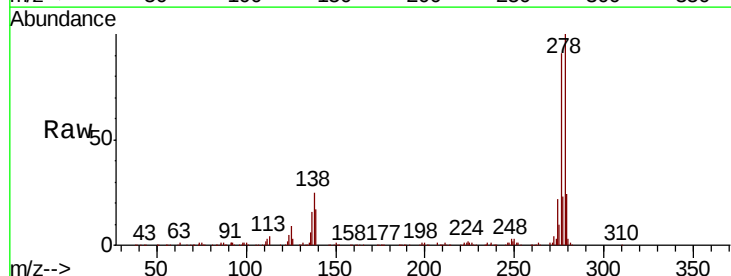
Instrument :
BNA_F
ClientSampleId :

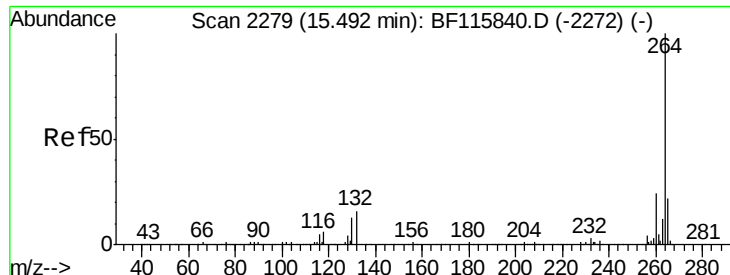
Tot Ion:149 Resp: 1248790
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.140 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion:276 Resp: 823394
Ion Ratio Lower Upper
276 100
138 25.6 19.6 29.4
277 25.3 20.1 30.1

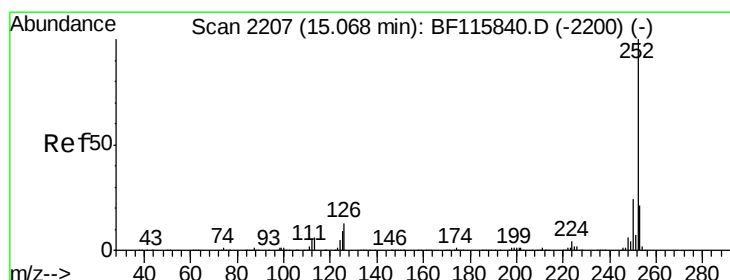
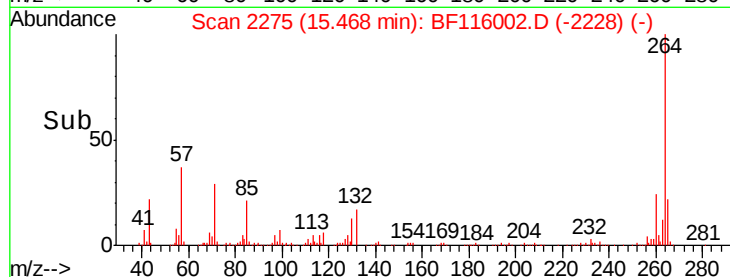
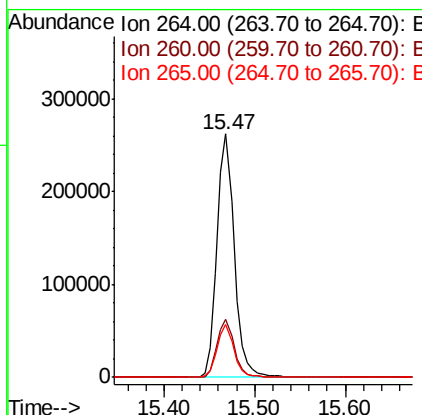
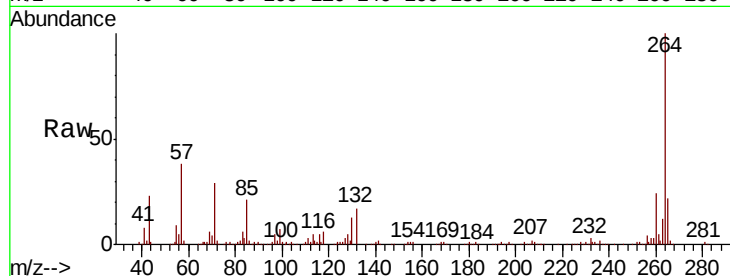




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

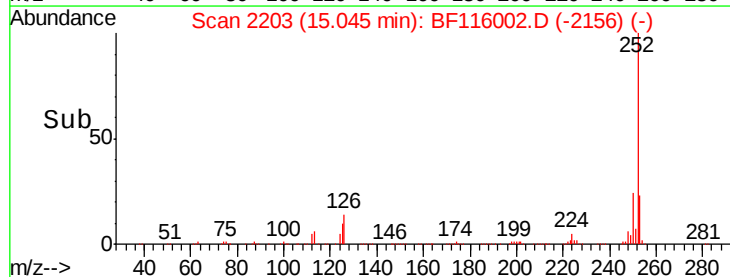
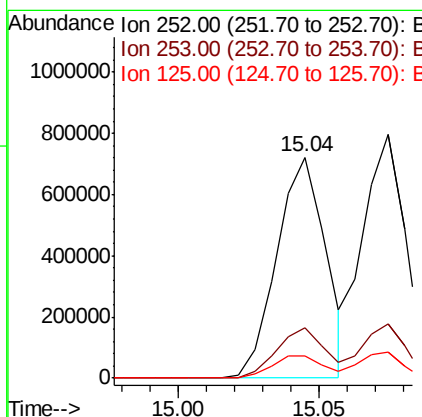
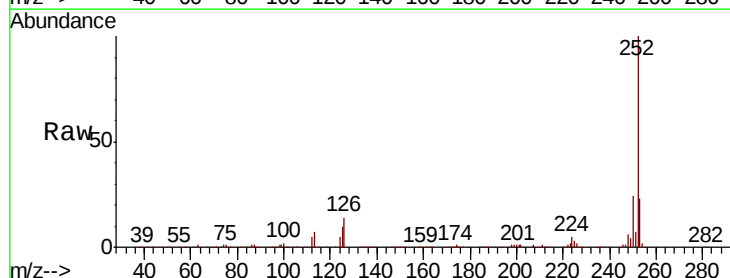
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 43.482 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.1	7.4	11.0

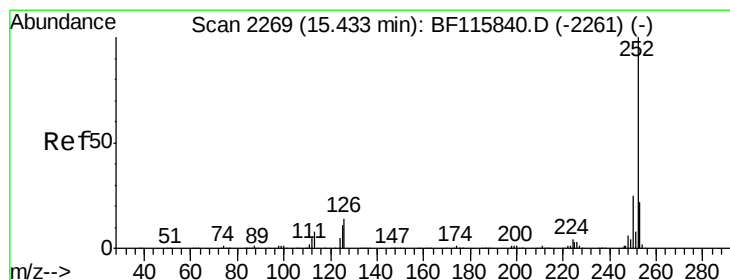
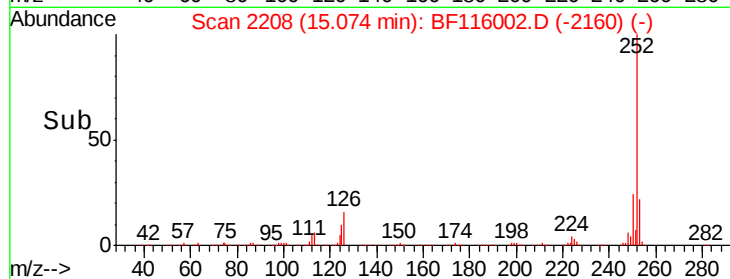
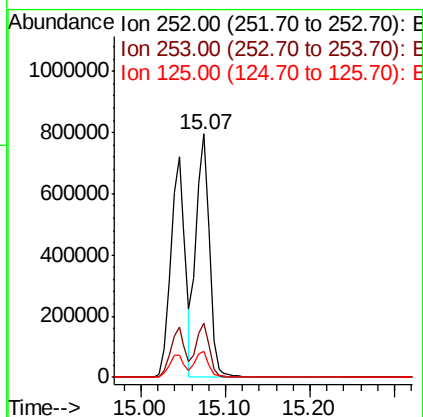
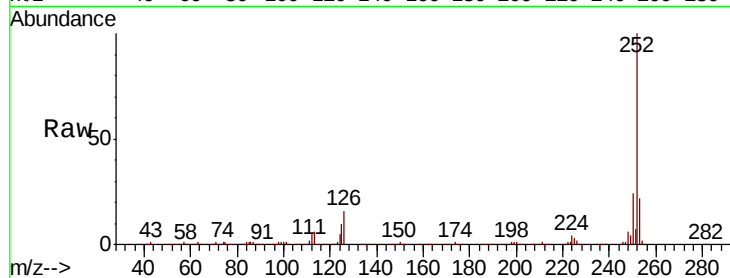




#89
Benzo(k)fluoranthene
Concen: 44.221 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

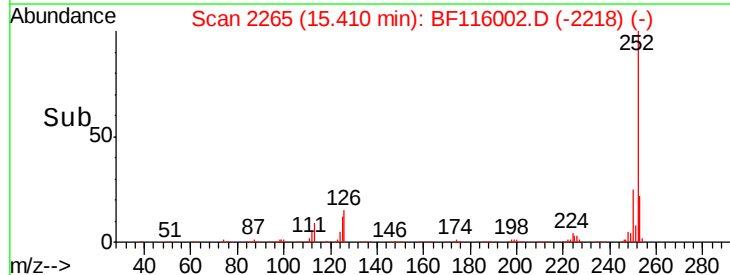
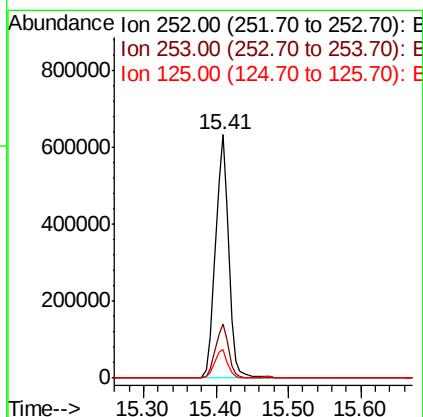
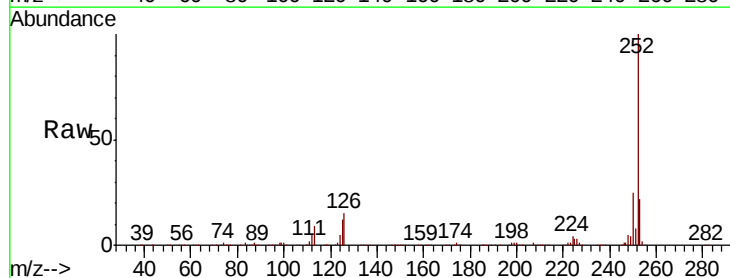
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.5	8.9	13.3



#90
Benzo(a)pyrene
Concen: 44.976 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116002.D
Acq: 6 Aug 2019 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.6	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.961 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.04 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

Instrument :

BNA_F

ClientSampleId :

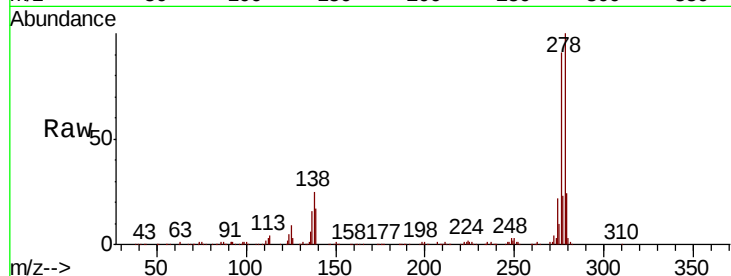
Tot Ion:278 Resp: 694531

Ion Ratio Lower Upper

278 100

139 17.0 12.6 19.0

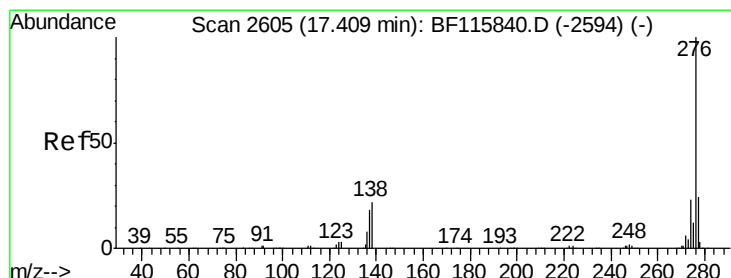
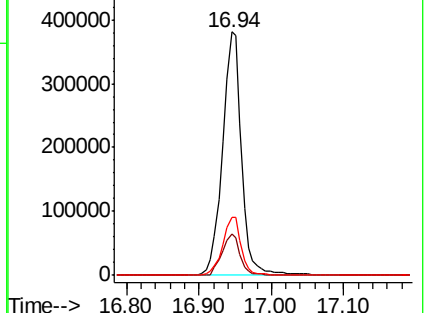
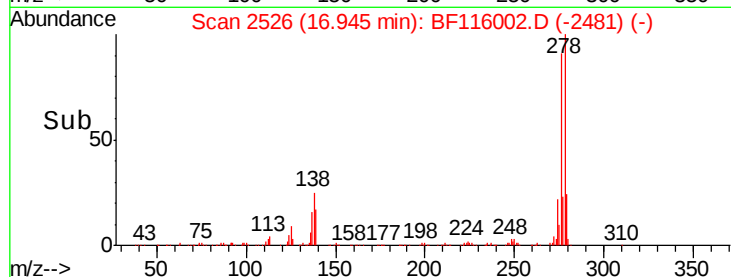
279 24.1 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.328 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.04 min

Lab File: BF116002.D

Acq: 6 Aug 2019 10:16

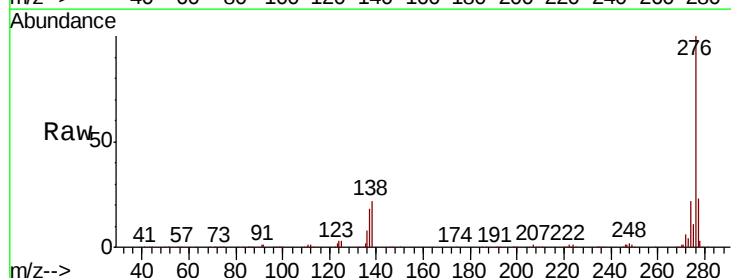
Tgt Ion:276 Resp: 672486

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 22.0 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

