

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113725.D
 Acq On : 11 Apr 2019 17:33
 Operator : JU/SJ
 Sample : K2203-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:00:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117084	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	385409	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	41571	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	156139	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	23300	20.00	ng	-0.01
87) Perylene-d12	15.25	264	393	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	776737	113.13	ng	0.01
7) Phenol-d6	6.35	99	243907	28.82	ng	0.00
23) Nitrobenzene-d5	7.24	82	701737	106.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	361535	723.98	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1297179	502.35	ng	-0.02
79) Terphenyl-d14	12.76	244	490281	428.42	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	5835	1.794	ng	# 73
3) Pyridine	3.26	79	771	0.091	ng	# 1
4) n-Nitrosodimethylamine	3.25	42	30051	8.311	ng	# 1
6) Aniline	6.46	93	1415	0.138	ng	# 1
9) Benzaldehyde	6.21	77	941	0.187	ng	# 1
10) Phenol	6.36	94	3017	0.312	ng	# 1
11) bis(2-Chloroethyl)ether	6.46	93	1415	0.188	ng	# 1
12) 1,3-Dichlorobenzene	6.46	146	121	0.014	ng	# 1
13) 1,4-Dichlorobenzene	6.46	146	121	0.014	ng	# 25
15) Benzyl Alcohol	6.83	79	10514	1.837	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1166	0.100	ng	# 70
18) Hexachloroethane	7.21	117	258	0.082	ng	# 1
19) n-Nitroso-di-n-propylamine	6.98	70	4239	0.812	ng	# 46
22) Acetophenone	7.07	105	892	0.105	ng	# 51
24) Nitrobenzene	7.24	77	2329	0.344	ng	# 78
25) Isophorone	7.24	82	701729	55.363	ng	# 64
26) 2-Nitrophenol	7.51	139	339	0.093	ng	# 33
27) 2,4-Dimethylphenol	7.78	122	6221	1.193	ng	# 5
28) bis(2-Chloroethoxy)methane	7.75	93	122	0.015	ng	# 49
31) Naphthalene	7.97	128	9897	0.530	ng	# 97
32) Benzoic acid	7.78	122	6221	1.541	ng	# 97
33) 4-Chloroaniline	7.98	127	1326	0.179	ng	# 43
34) Hexachlorobutadiene	8.31	225	3133	0.848	ng	# 18
37) 2-Methylnaphthalene	8.67	142	2125	0.173	ng	# 91
38) 1-Methylnaphthalene	8.77	142	1258	0.106	ng	# 78
46) 1,1'-Biphenyl	9.13	154	2894	0.844	ng	# 97
48) 2-Nitroaniline	9.03	65	2128	2.678	ng	# 2
49) Acenaphthylene	9.52	152	379	0.090	ng	# 1
50) Dimethylphthalate	9.43	163	834	0.272	ng	# 77
51) 2,6-Dinitrotoluene	9.70	165	5337	7.901	ng	# 30
52) Acenaphthene	9.73	154	113	0.047	ng	# 5
54) 2,4-Dinitrophenol	9.83	184	333	1.054	ng	# 18
55) Dibenzofuran	9.94	168	447	0.126	ng	# 45
57) 2,4-Dinitrotoluene	9.83	165	705	0.863	ng	# 63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

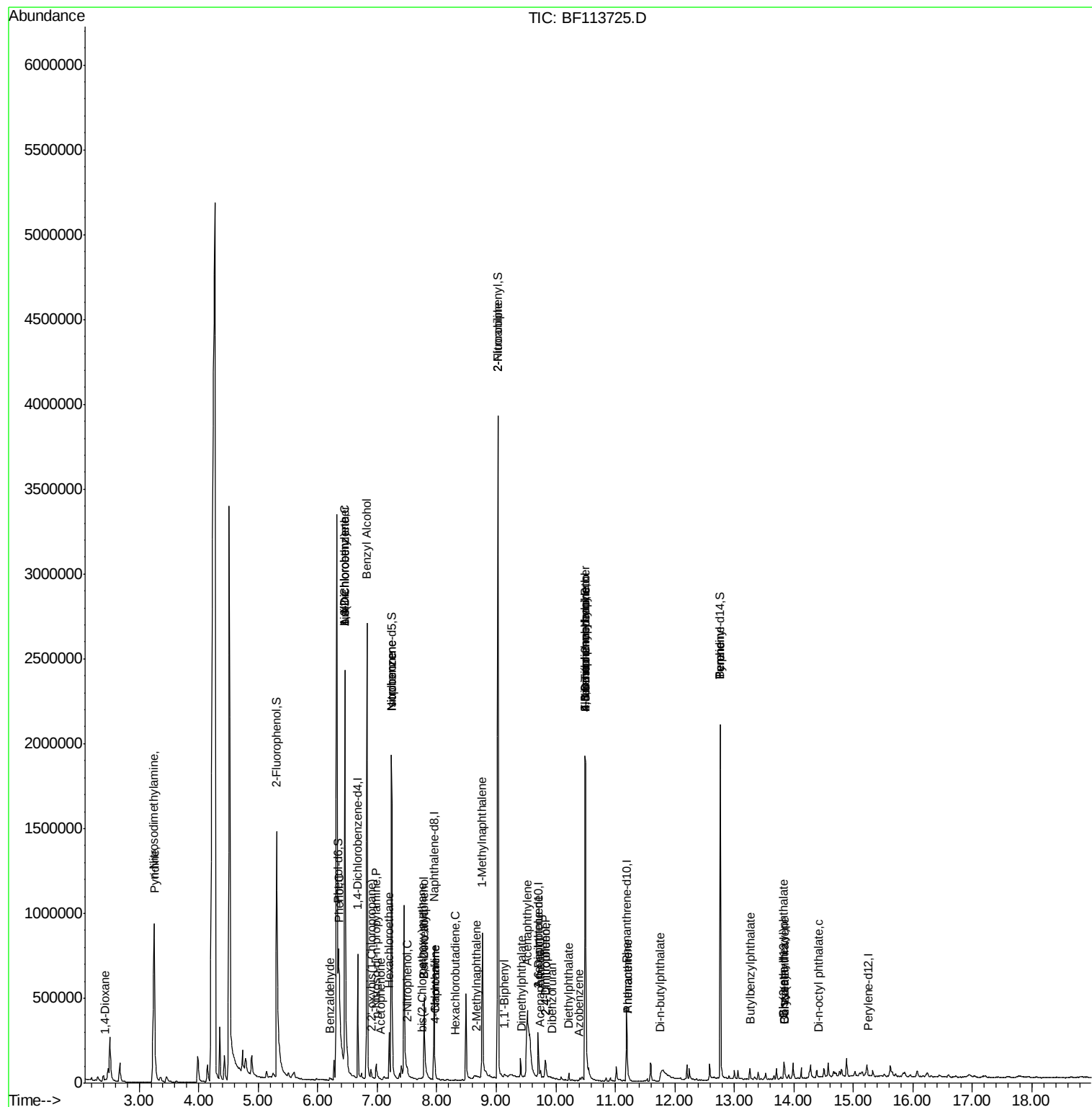
58) Fluorene	10.49	166	13760	4.906	nq	# 88
60) Diethylphthalate	10.22	149	316	0.107	nq	# 59
63) Azobenzene	10.37	77	118	0.042	nq	# 48
65) 4,6-Dinitro-2-methylphenol	10.49	198	430	0.523	nq	# 1
66) n-Nitrosodiphenylamine	10.49	169	9349	1.950	nq	# 38
67) 4-Bromophenyl-phenylether	10.50	248	20035	11.441	nq	# 1
71) Phenanthrene	11.21	178	2881	0.371	nq	# 1
72) Anthracene	11.21	178	2881	0.365	nq	# 1
74) Di-n-butylphthalate	11.74	149	360	0.041	nq	# 78
77) Benzidine	12.76	184	6850	7.906	nq	# 68
78) Pvrene	12.76	202	1588	0.896	nq	# 58
80) Butylbenzylphthalate	13.26	149	679	0.941	nq	# 25
81) Benzo(a)anthracene	13.85	228	342	0.254	nq	# 1
83) Chrysene	13.85	228	342	0.251	nq	# 1
84) Bis(2-ethylhexyl)phthalate	13.83	149	429	0.492	nq	# 52
85) Di-n-octyl phthalate	14.42	149	376	0.265	nq	# 77

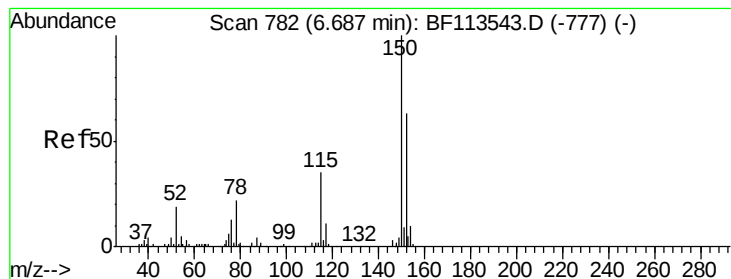
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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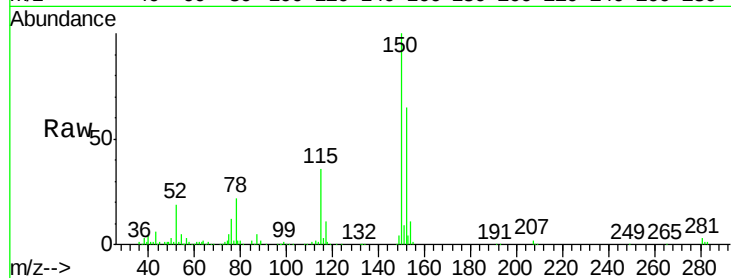


#1

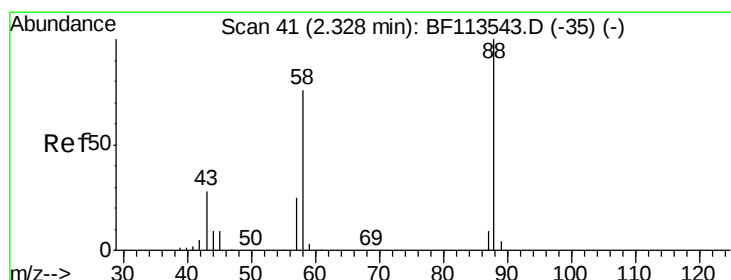
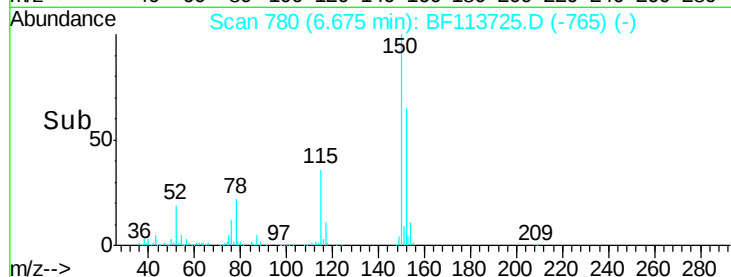
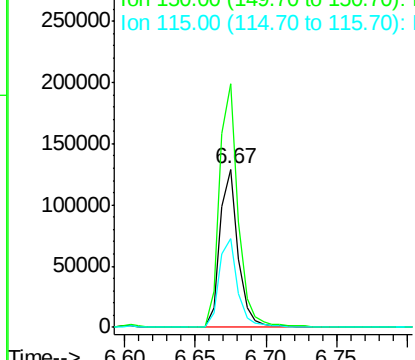
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117084
Ion Ratio Lower Upper
152 100
150 154.1 124.7 187.1
115 56.0 46.0 69.0



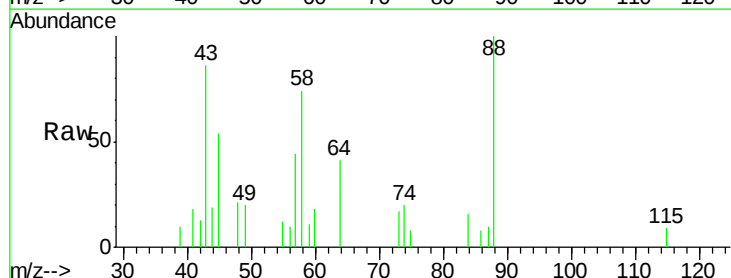
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



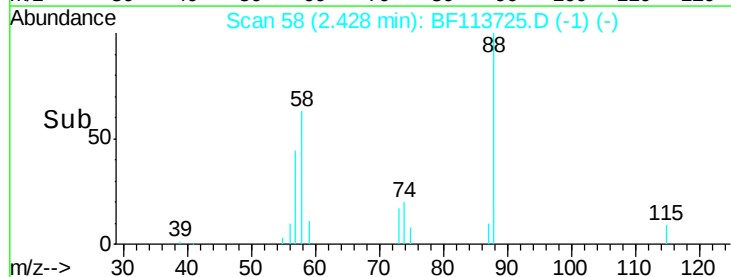
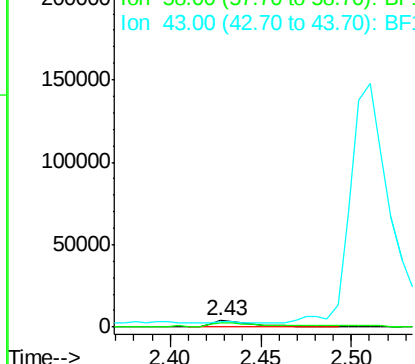
#2

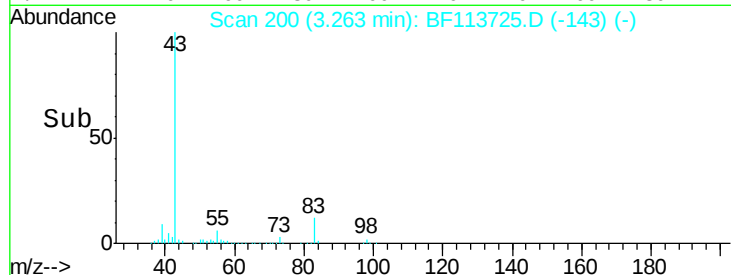
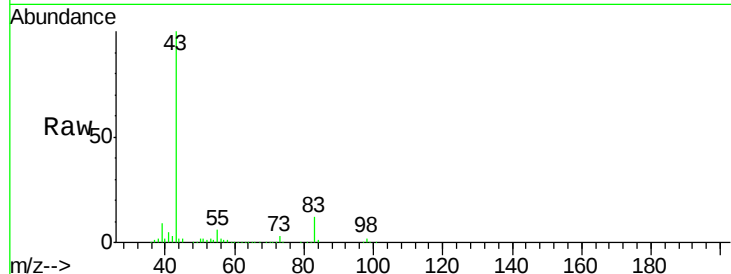
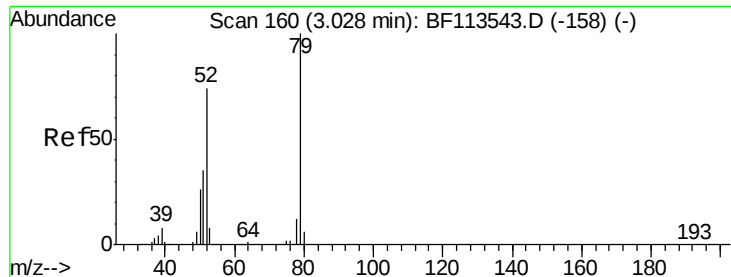
1,4-Dioxane
Concen: 1.794 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.10 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion: 88 Resp: 5835
Ion Ratio Lower Upper
88 100
58 63.2 61.9 92.9
43 0.0 24.2 36.4#



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

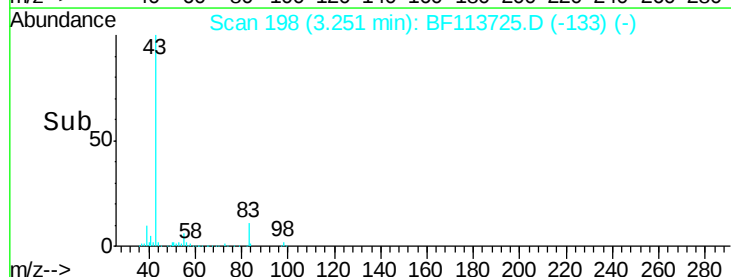
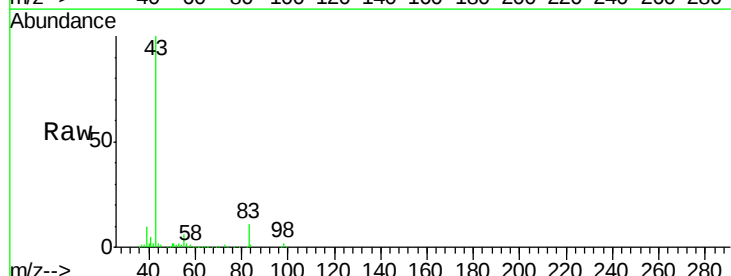
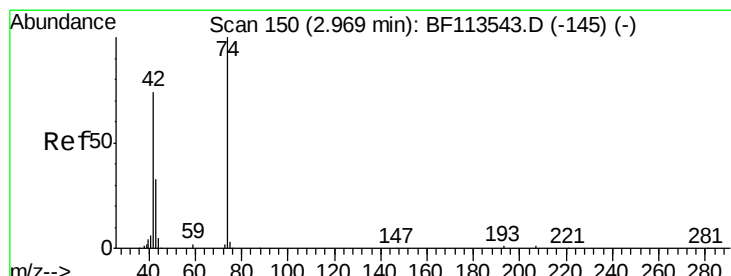
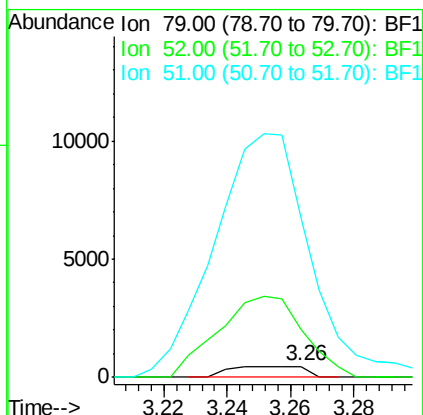




#3
Pvridine
Concen: 0.091 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.24 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

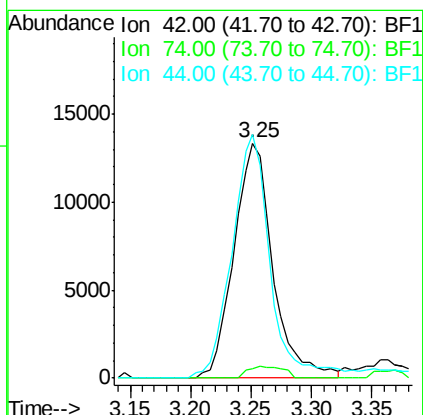
Instrument :
BNA_F
ClientSampled :

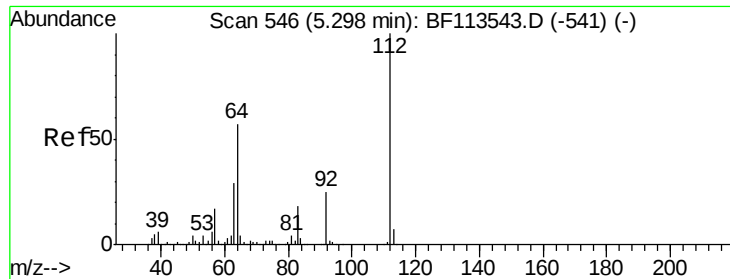
Tot Ion: 79 Resp: 771
Ion Ratio Lower Upper
79 100
52 426.4 61.0 91.4#
51 1432.2 30.6 45.8#



#4
n-Nitrosodimethylamine
Concen: 8.311 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.28 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion: 42 Resp: 30051
Ion Ratio Lower Upper
42 100
74 4.0 102.4 153.6#
44 103.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 113.125 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

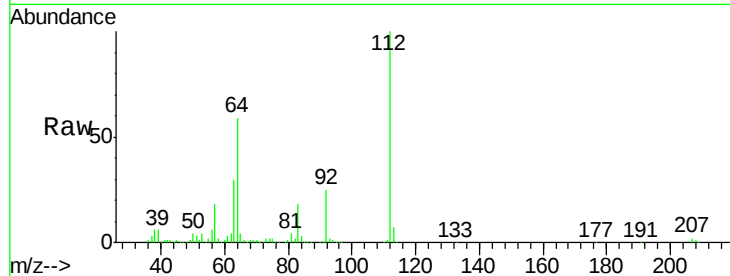
Tot Ion:112 Resp: 776737

Ion Ratio Lower Upper

112 100

64 58.6 49.2 73.8

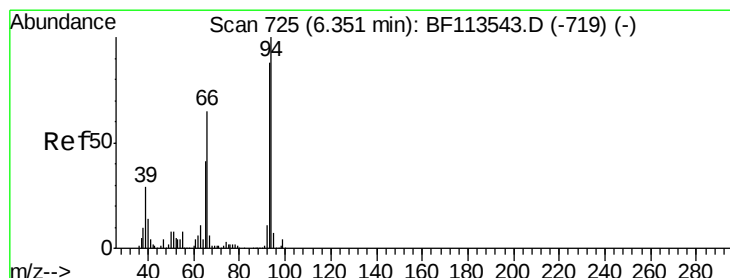
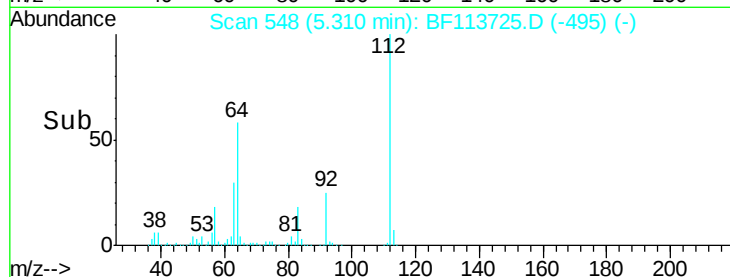
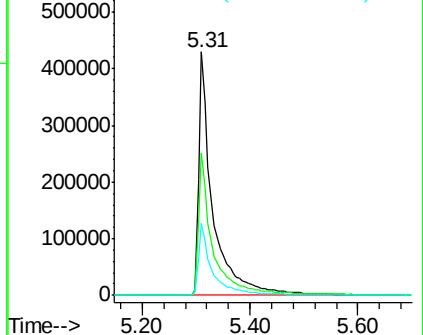
63 29.8 24.9 37.3



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: 0.138 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.11 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

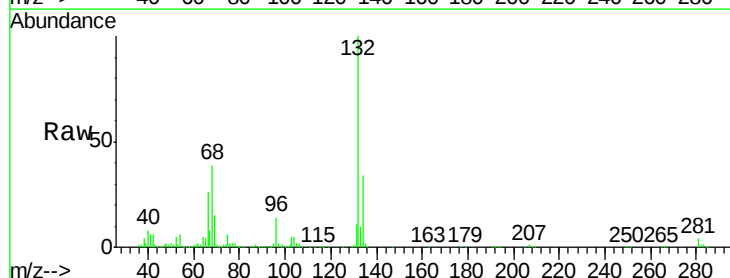
Tgt Ion: 93 Resp: 1415

Ion Ratio Lower Upper

93 100

66 14101.4 62.1 93.1#

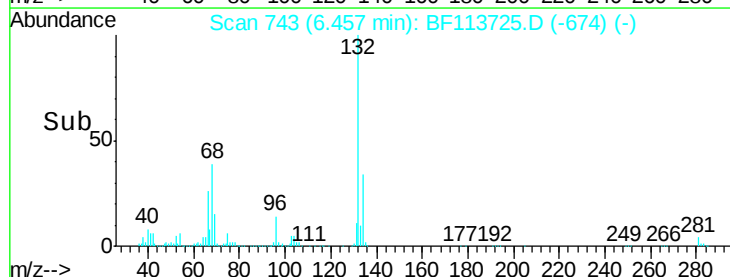
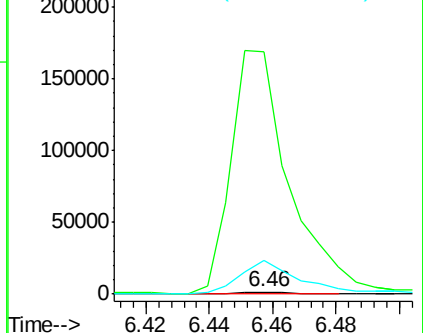
65 1938.1 38.7 58.1#

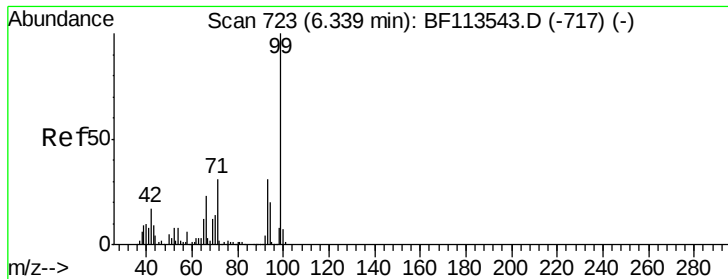


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 28.822 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

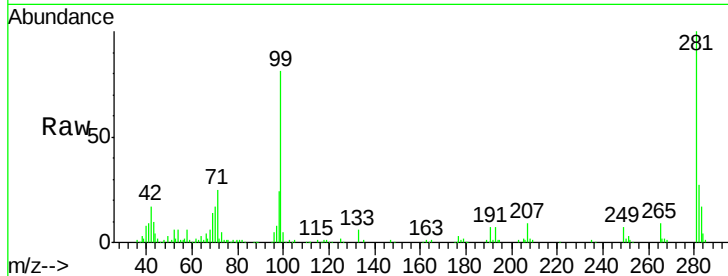
Tot Ion: 99 Resp: 243907

Ion Ratio Lower Upper

99 100

42 21.4 14.8 22.2

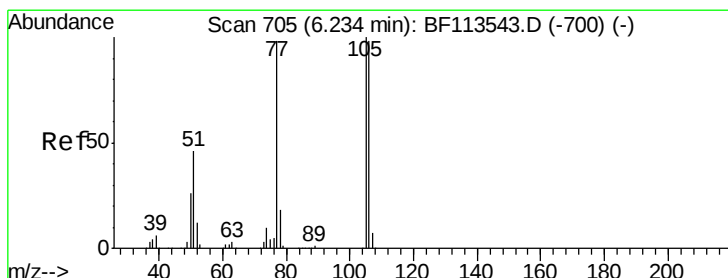
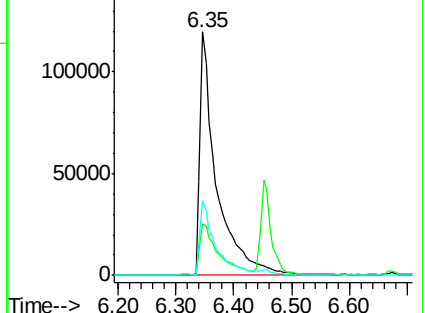
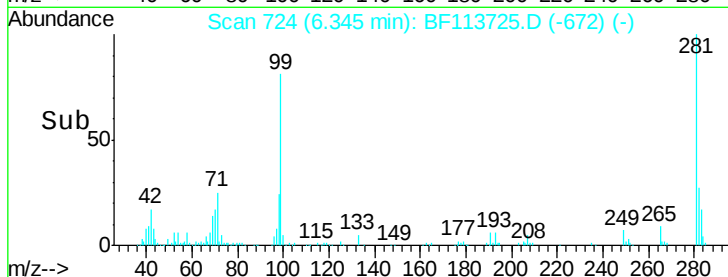
71 30.5 24.9 37.3



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



#9

Benzaldehyde

Concen: 0.187 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

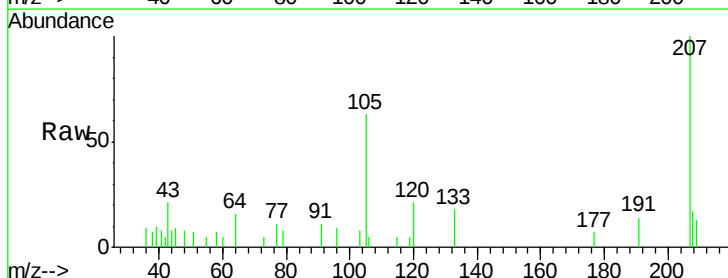
Tgt Ion: 77 Resp: 941

Ion Ratio Lower Upper

77 100

105 549.4 80.9 120.9#

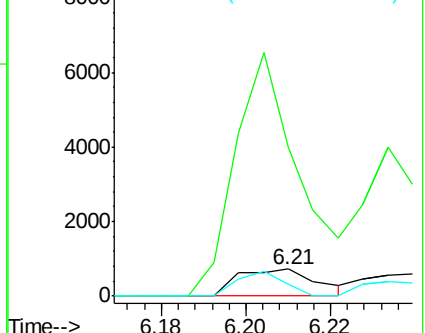
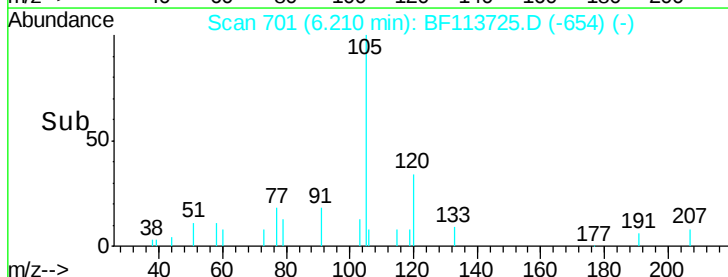
106 42.1 77.8 117.8#

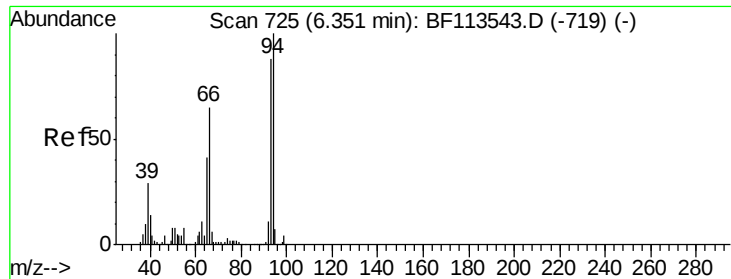


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.312 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113725.D

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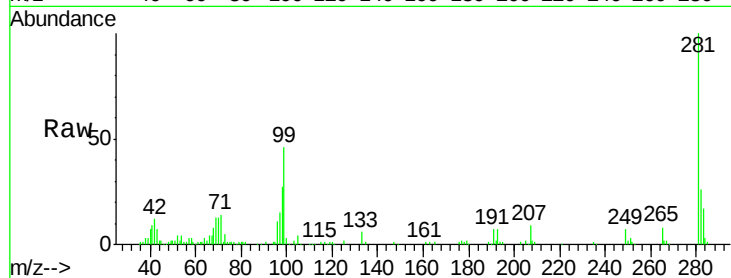
Tot Ion: 94 Resp: 3017

Ion Ratio Lower Upper

94 100

65 283.8 21.4 61.4#

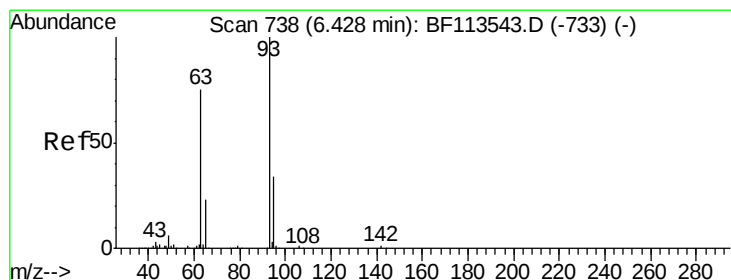
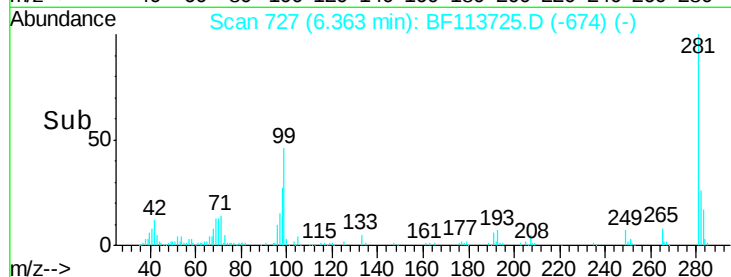
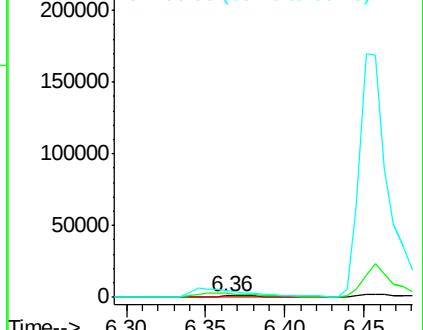
66 507.2 46.4 86.4#



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: 0.188 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.03 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

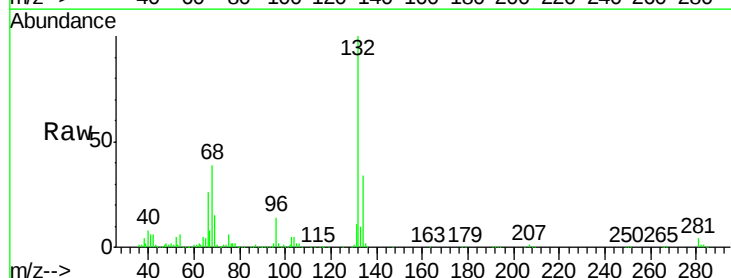
Tgt Ion: 93 Resp: 1415

Ion Ratio Lower Upper

93 100

63 643.8 56.1 96.1#

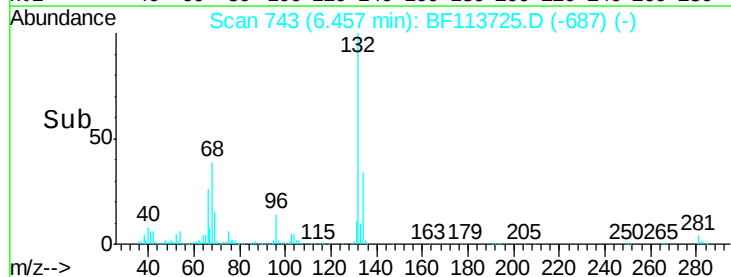
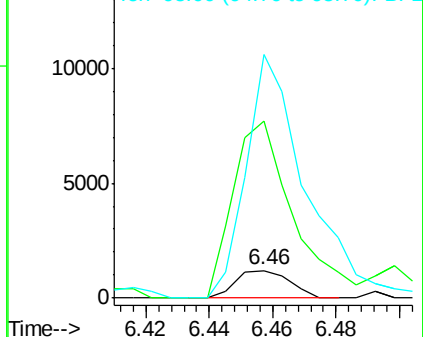
95 886.6 12.8 52.8#

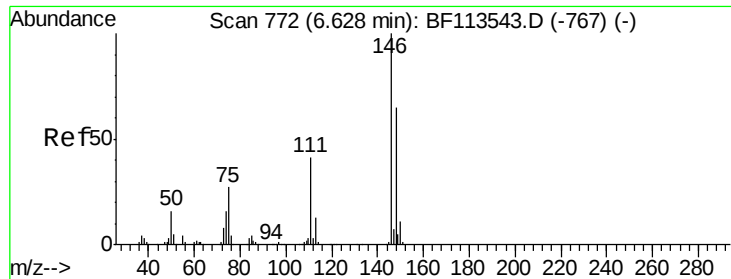


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 0.014 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.16 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

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ClientSampleId :

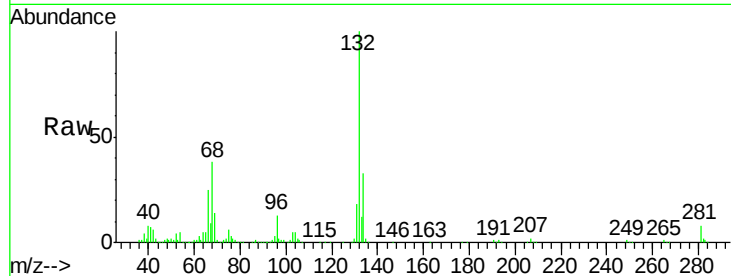
Tot Ion:146 Resp: 121

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.0#

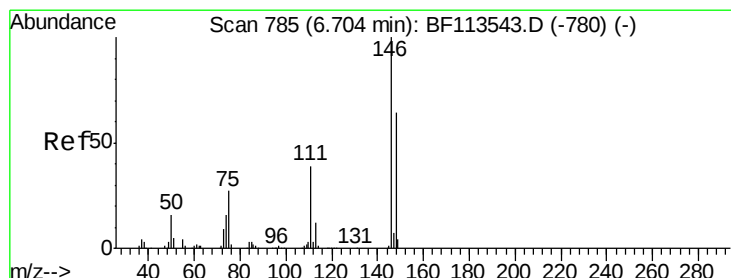
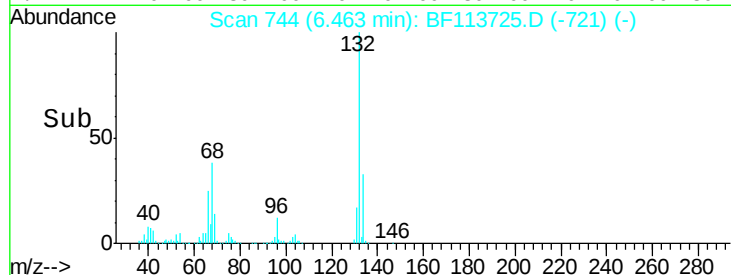
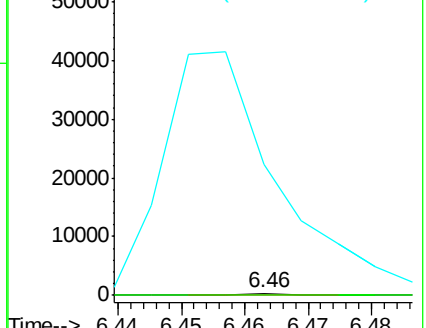
75 6502.3 24.8 37.2#



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: 0.014 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.24 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

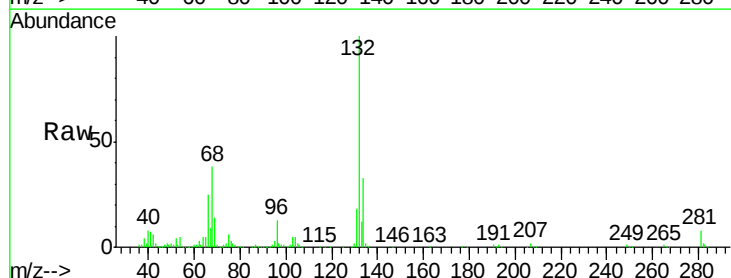
Tgt Ion:146 Resp: 121

Ion Ratio Lower Upper

146 100

148 0.0 51.1 76.7#

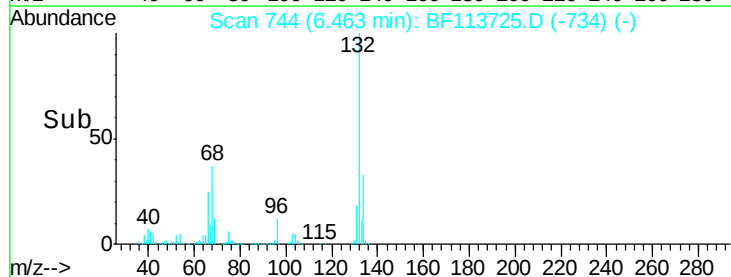
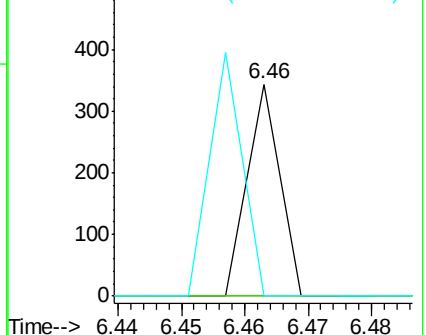
111 0.0 32.8 49.2#

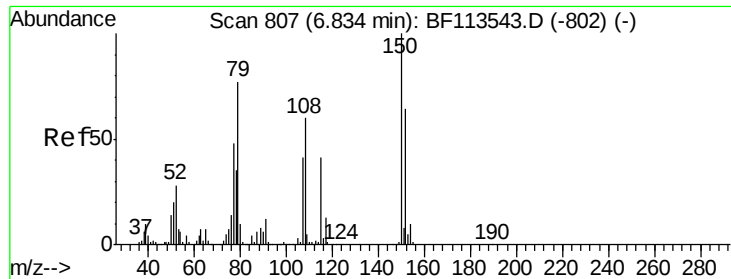


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.837 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

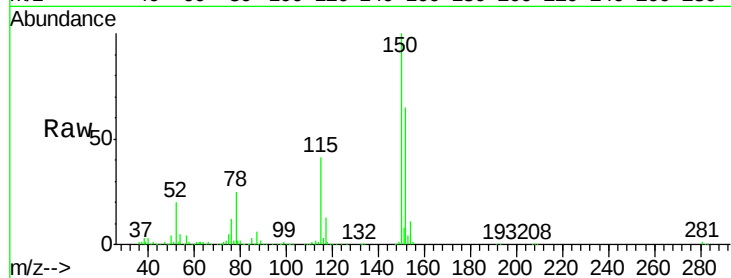
Tot Ion: 79 Resp: 10514

Ion Ratio Lower Upper

79 100

108 29.0 62.0 93.0#

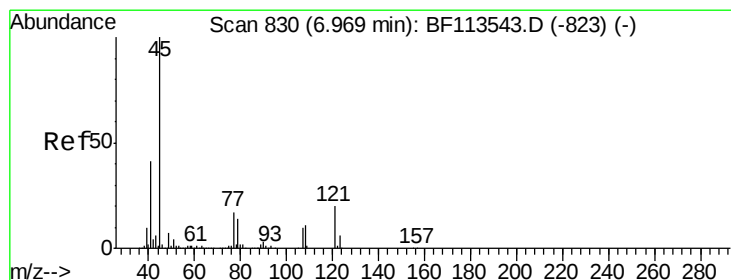
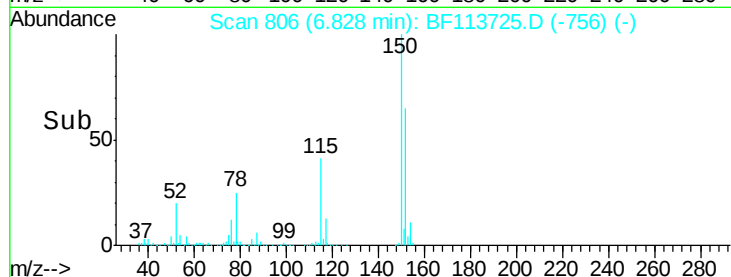
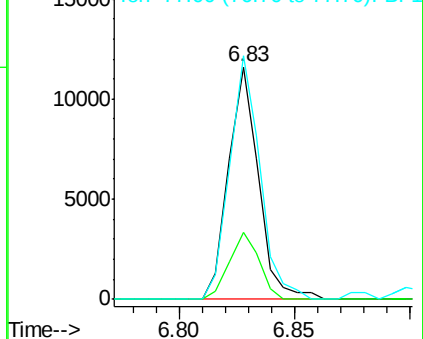
77 104.7 49.9 74.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.100 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.05 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

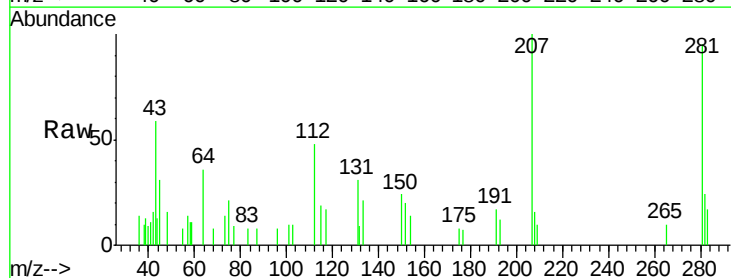
Tgt Ion: 45 Resp: 1166

Ion Ratio Lower Upper

45 100

77 28.2 0.0 36.6

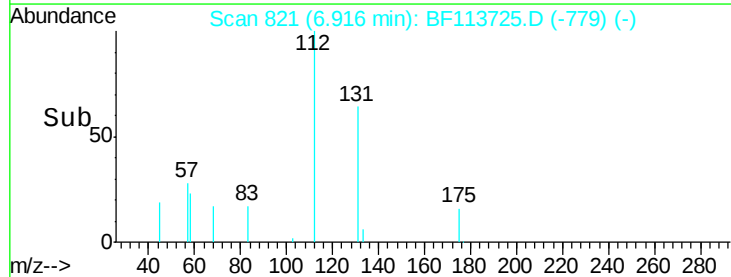
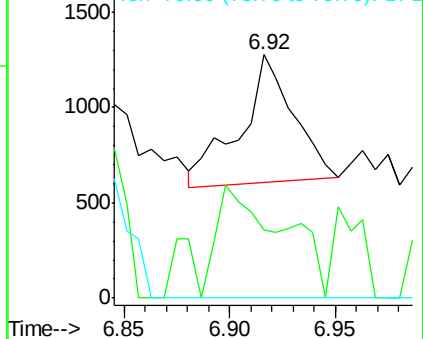
79 0.0 0.0 34.0

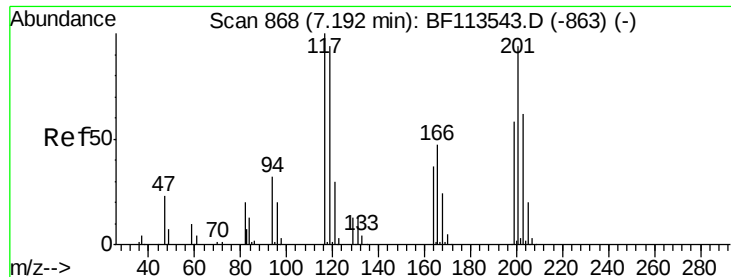


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

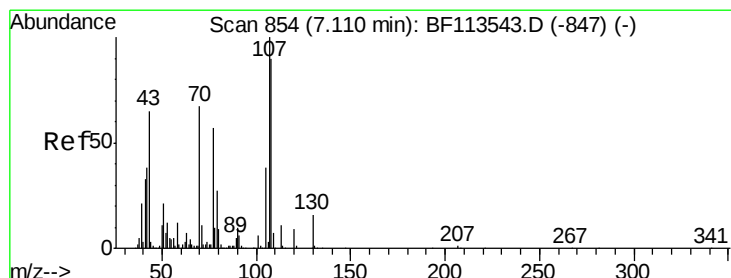
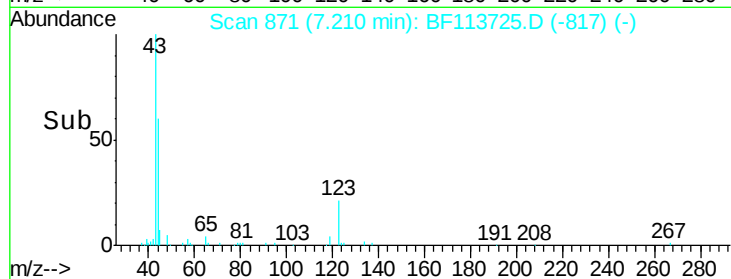
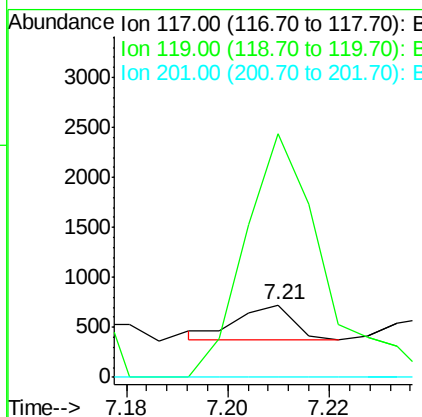
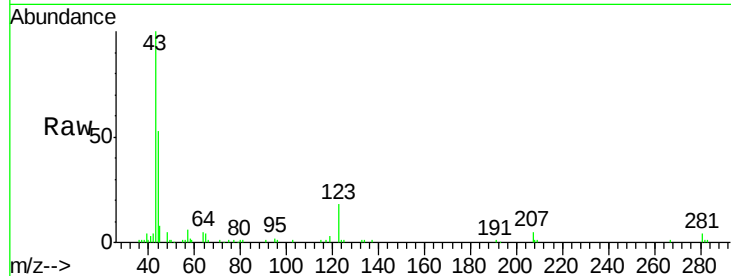




#18
Hexachloroethane
Concen: 0.082 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

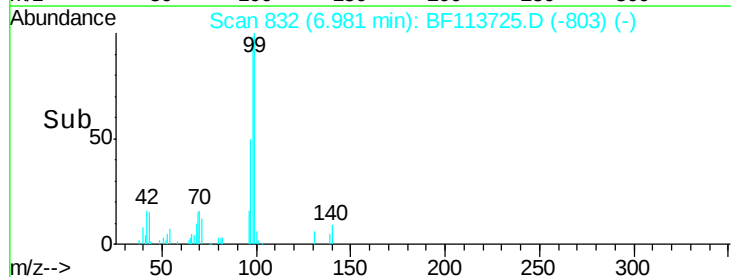
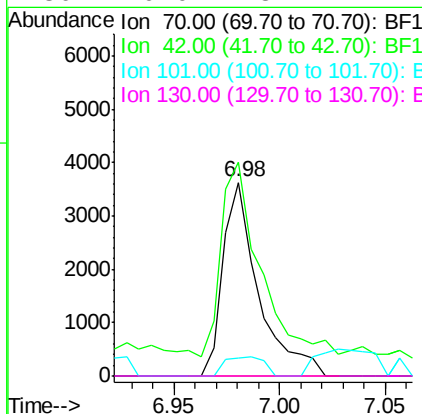
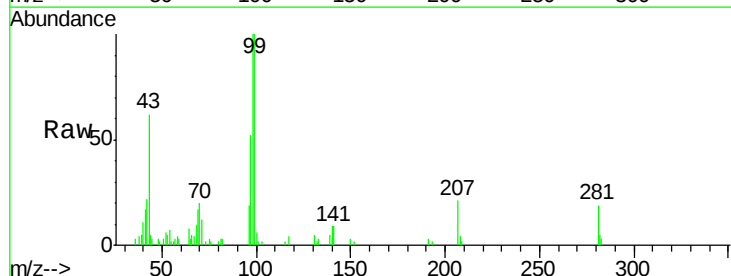
Instrument :
BNA_F
ClientSampleId :

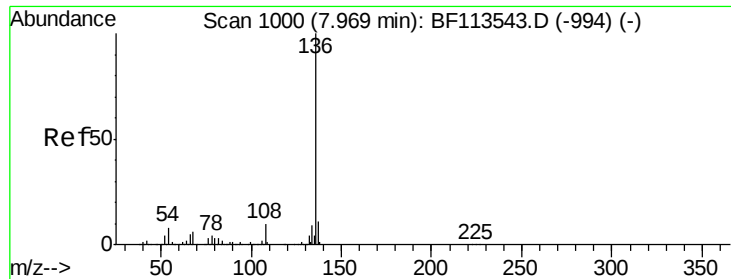
Tot Ion:117 Resp: 258
Ion Ratio Lower Upper
117 100
119 335.1 76.9 115.3#
201 0.0 78.7 118.1#



#19
n-Nitroso-di-n-propylamine
Concen: 0.812 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.13 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion: 70 Resp: 4239
Ion Ratio Lower Upper
70 100
42 110.5 48.4 72.6#
101 9.6 7.8 11.8
130 0.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 385409

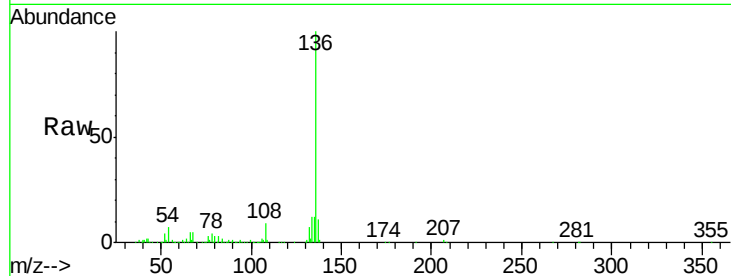
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 7.0 10.6

68 5.4 4.8 7.2

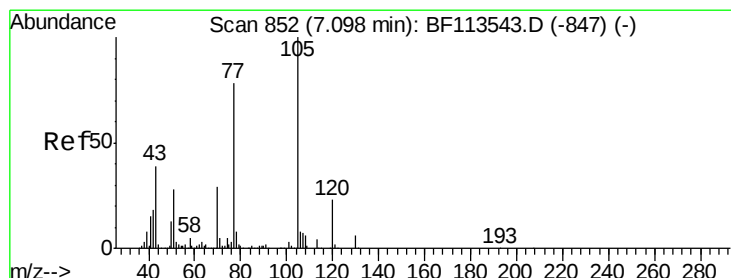
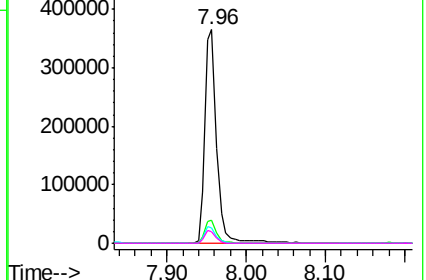
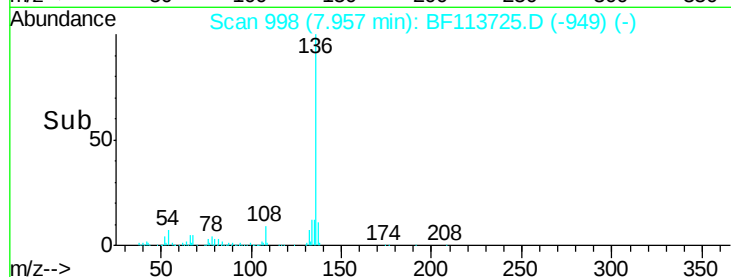


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.105 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Tgt Ion:105 Resp: 892

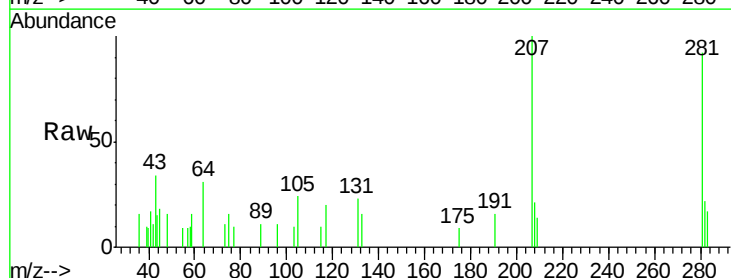
Ion Ratio Lower Upper

105 100

71 0.0 3.3 4.9#

51 0.0 24.2 36.2#

120 0.0 18.1 27.1#

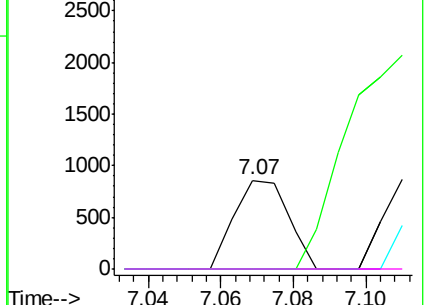
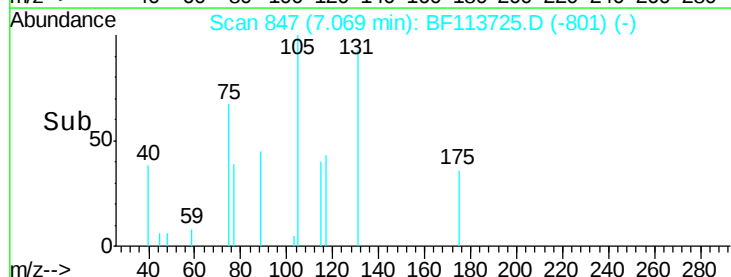


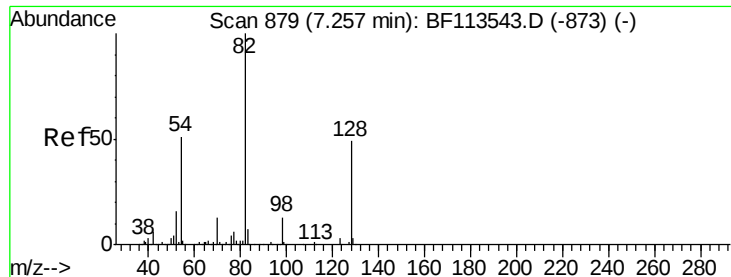
Abundance Ion 105.00 (104.70 to 105.70): E

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

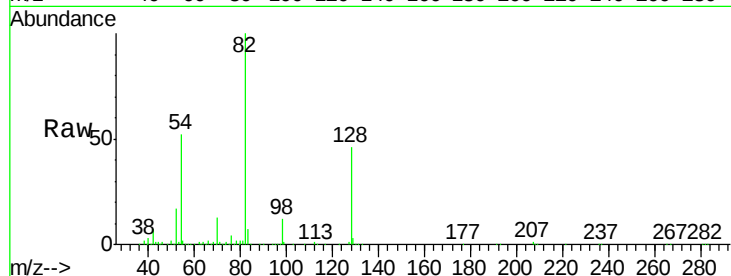




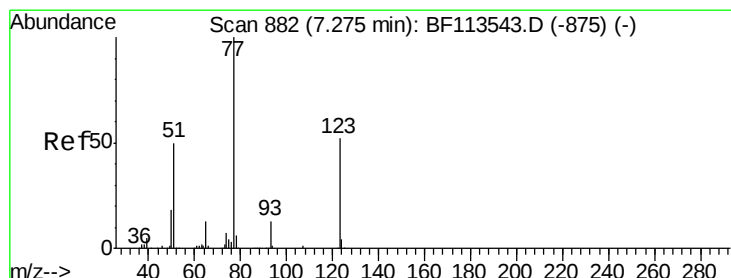
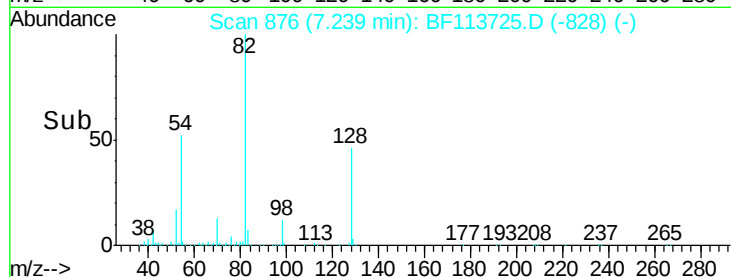
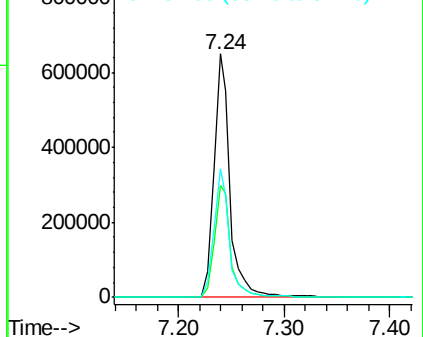
#23
 Nitrobenzene-d5
 Concen: 106.651 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	52.5	42.2	63.2

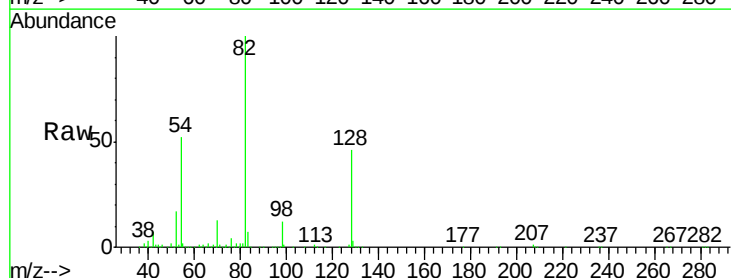


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

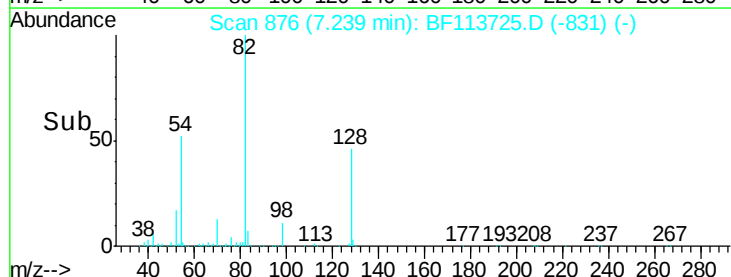
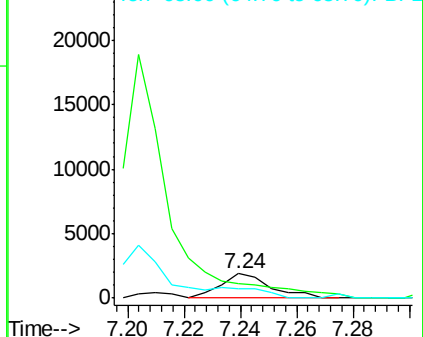


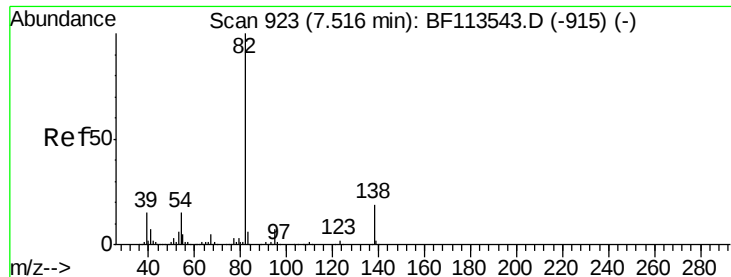
#24
 Nitrobenzene
 Concen: 0.344 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.04 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.3	40.8	61.2
65	40.2	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 55.363 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

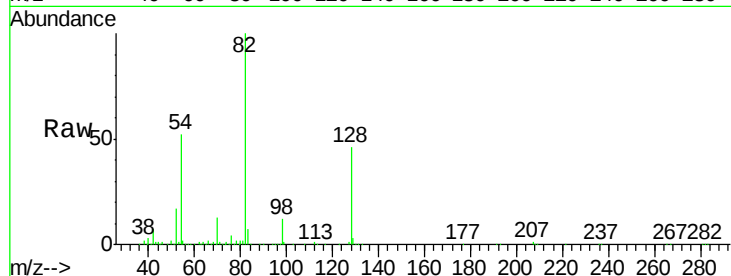
Tot Ion: 82 Resp: 701729

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

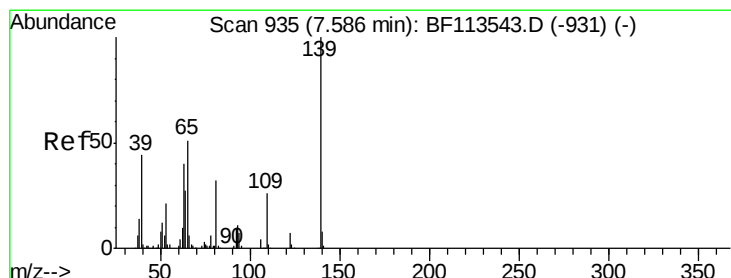
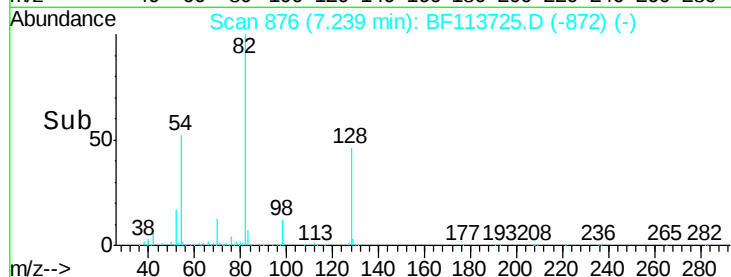
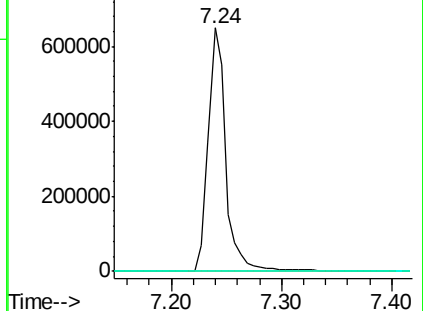
138 0.0 15.2 22.8#



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: 0.093 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.08 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

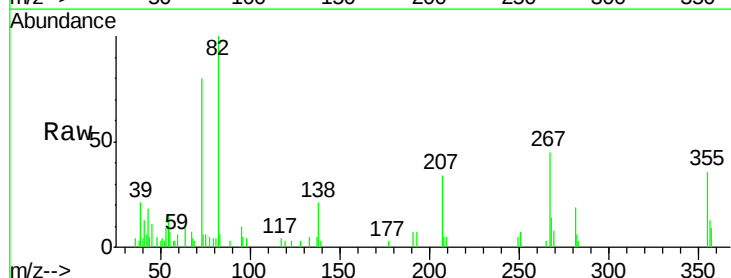
Tgt Ion: 139 Resp: 339

Ion Ratio Lower Upper

139 100

109 0.0 21.7 32.5#

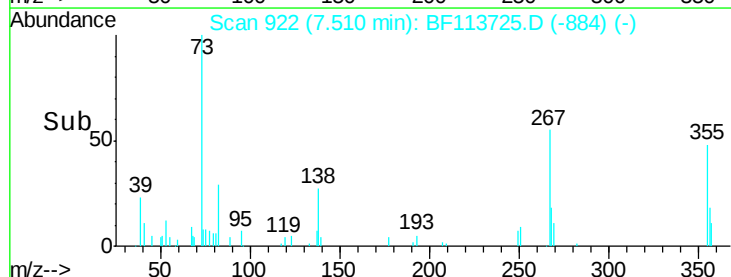
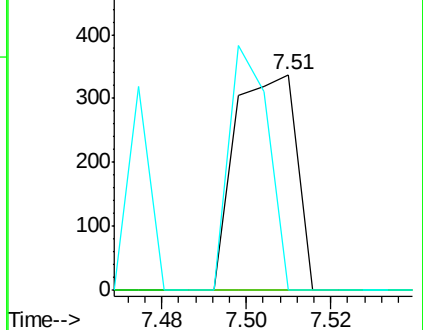
65 0.0 41.6 62.4#

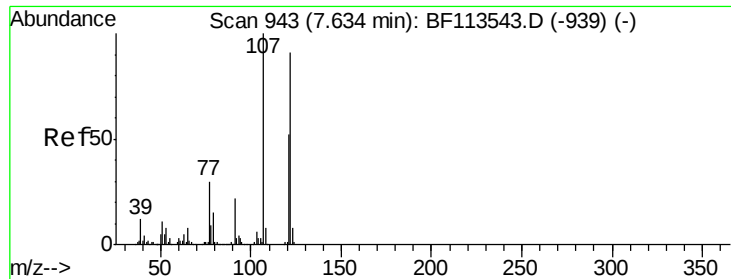


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

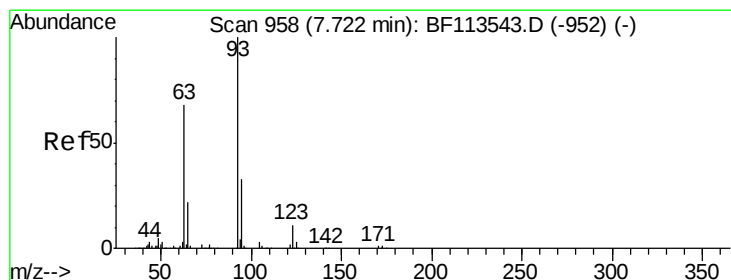
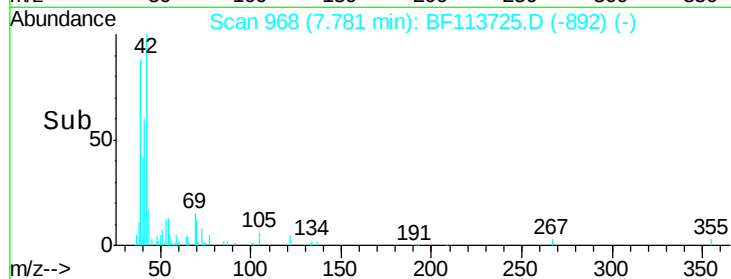
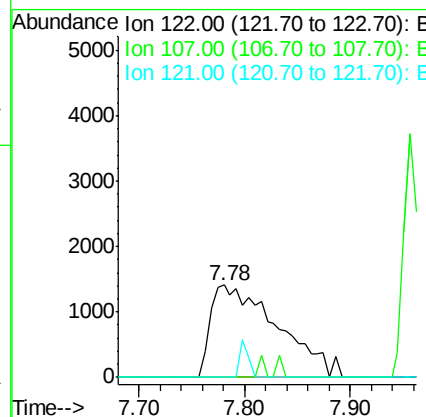
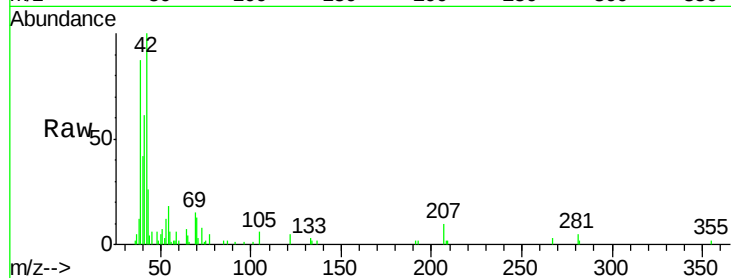




#27
2,4-Dimethylphenol
Concen: 1.193 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.15 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

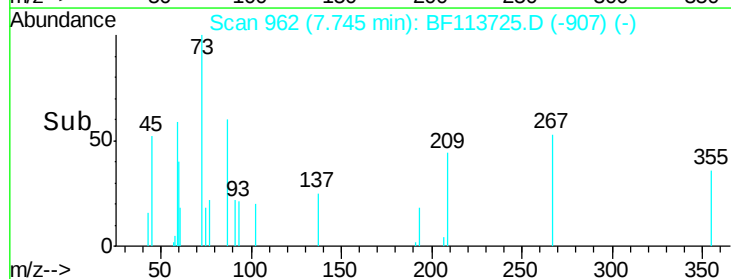
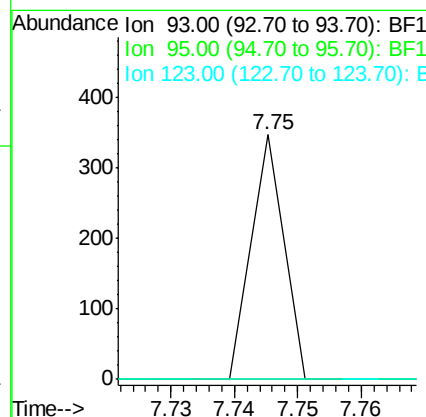
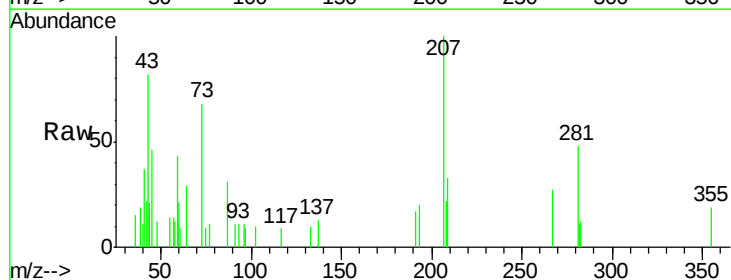
Instrument :
BNA_F
ClientSampled :

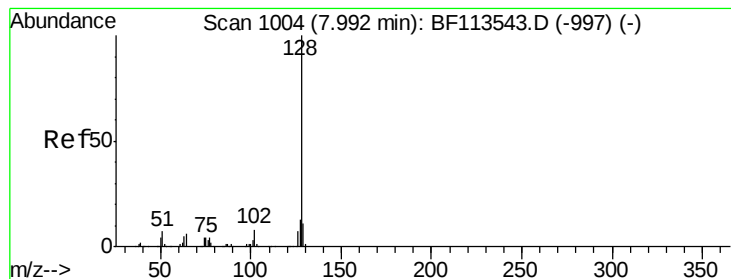
Tot Ion:122 Resp: 6221
Ion Ratio Lower Upper
122 100
107 0.0 88.8 133.2#
121 0.0 45.5 68.3#



#28
bis(2-Chloroethoxy)methane
Concen: 0.015 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion: 93 Resp: 122
Ion Ratio Lower Upper
93 100
95 0.0 26.0 39.0#
123 0.0 9.1 13.7#





#31

Naphthalene

Concen: 0.530 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

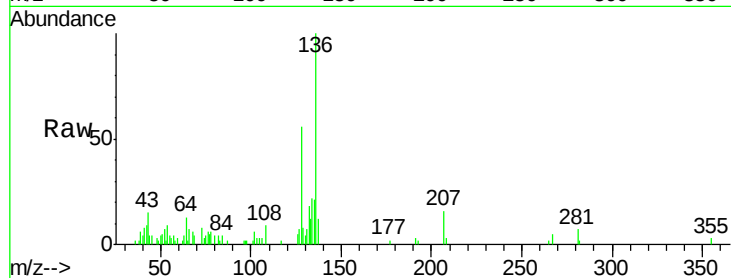
Tot Ion:128 Resp: 9897

Ion Ratio Lower Upper

128 100

129 13.6 9.3 13.9

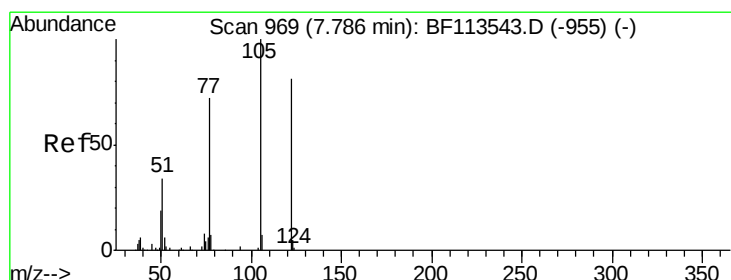
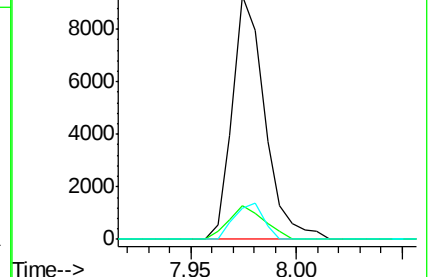
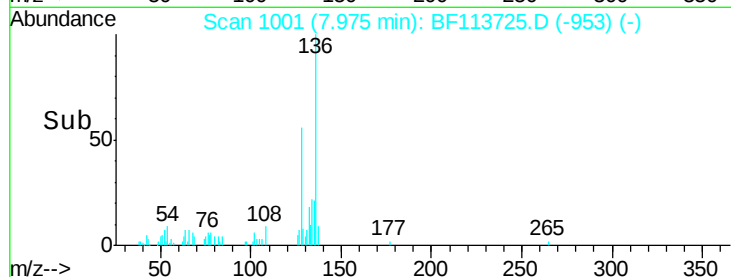
127 13.0 10.9 16.3



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: 1.541 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

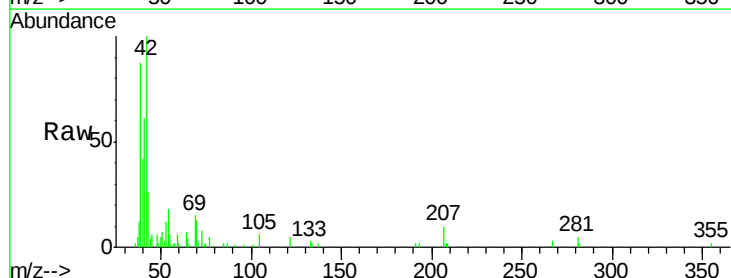
Tgt Ion:122 Resp: 6221

Ion Ratio Lower Upper

122 100

105 120.3 100.4 140.4

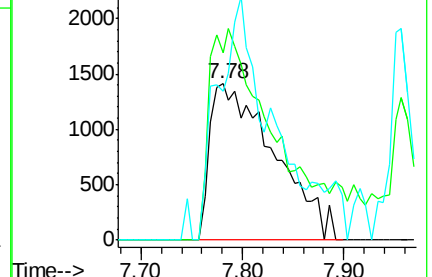
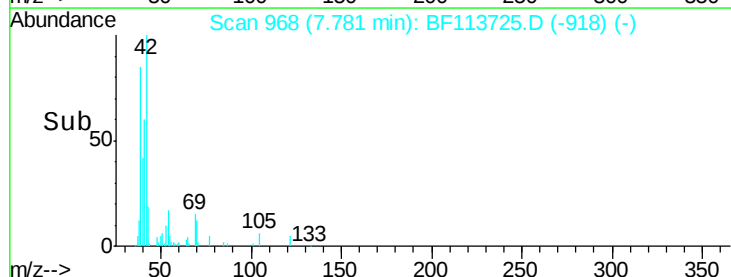
77 95.0 69.0 109.0

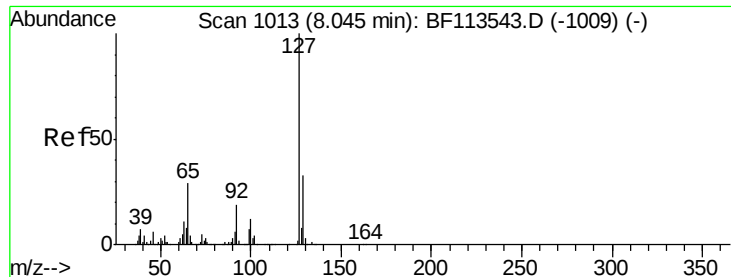


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

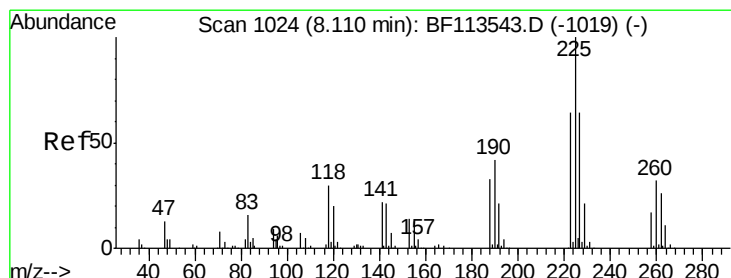
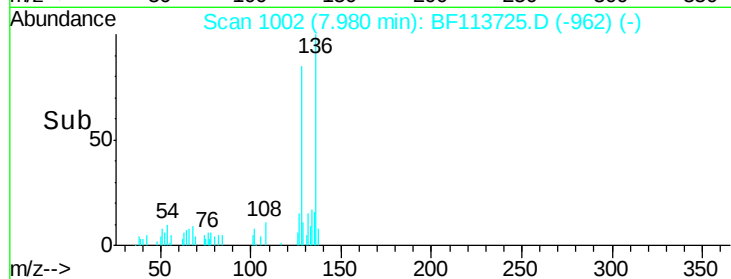
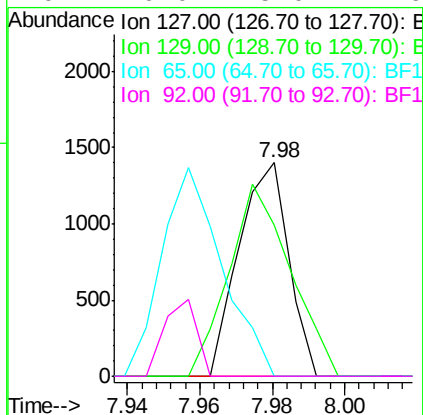
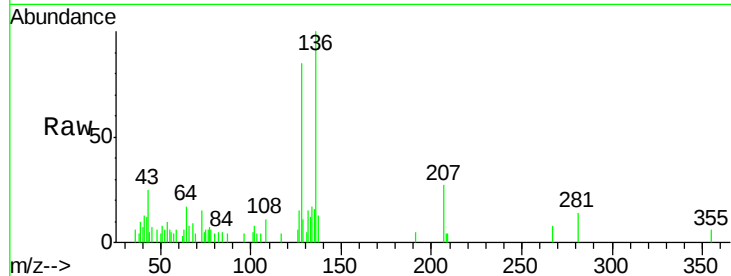




#33
4-Chloroaniline
Concen: 0.179 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.06 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

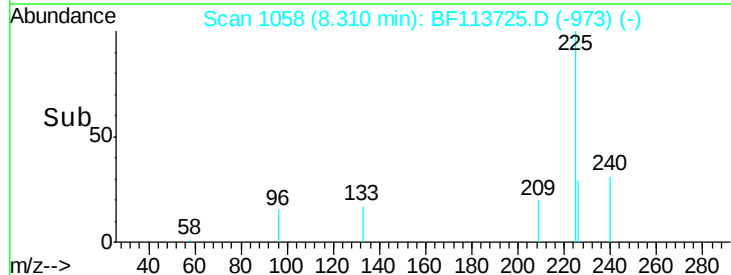
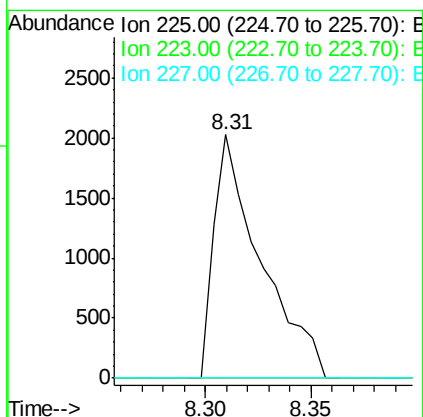
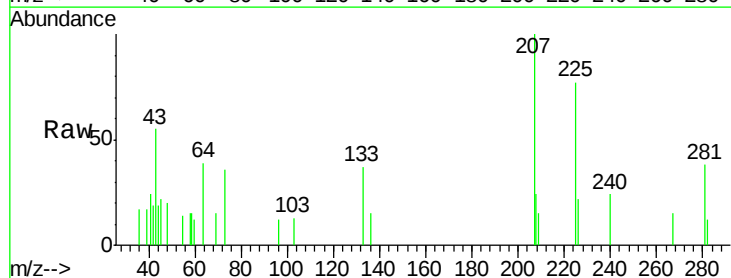
Instrument :
BNA_F
ClientSampleId :

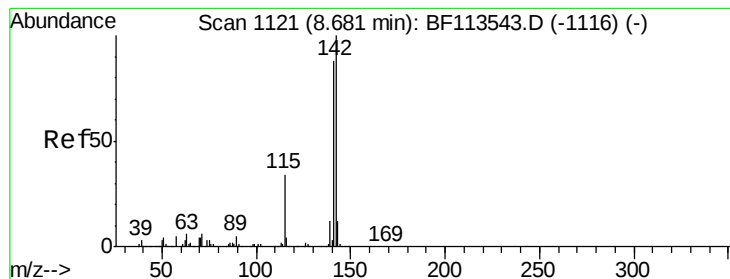
Tot Ion:127	Resp:	1326
Ion Ratio	Lower	Upper
127	100	
129	70.8	26.3 39.5#
65	0.0	24.2 36.4#
92	0.0	15.0 22.6#



#34
Hexachlorobutadiene
Concen: 0.848 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.20 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:225	Resp:	3133
Ion Ratio	Lower	Upper
225	100	
223	0.0	51.4 77.2#
227	0.0	51.1 76.7#

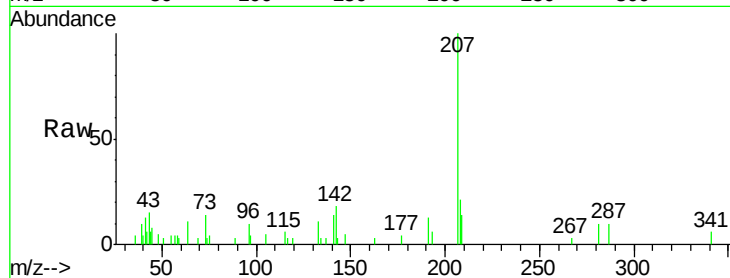




#37
2-Methylnaphthalene
Concen: 0.173 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	78.3	71.0	106.6
115	34.5	26.6	39.8

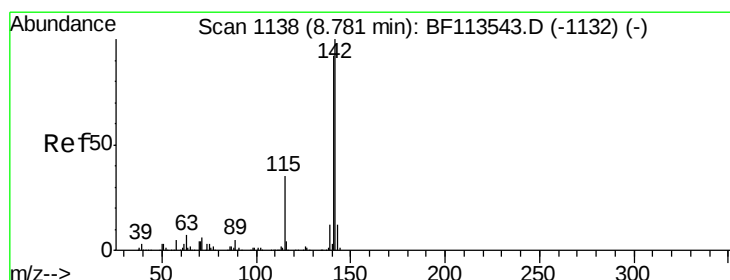
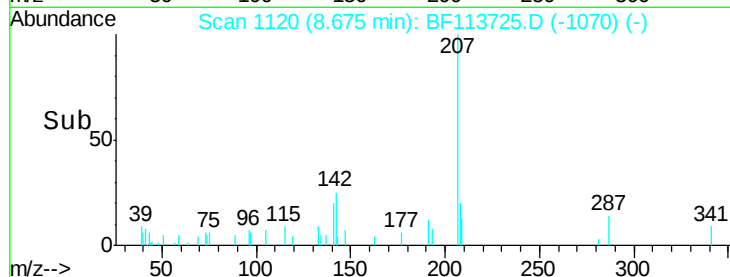
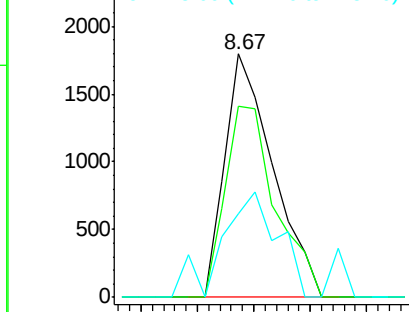


Abundance

Ion 142.00 (141.70 to 142.70): E

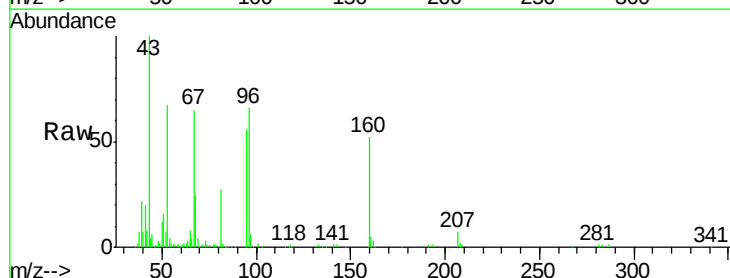
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 0.106 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	69.9	73.2	109.8#
116	0.0	3.0	4.4#

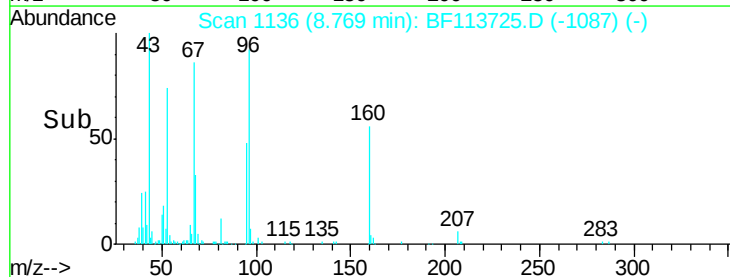
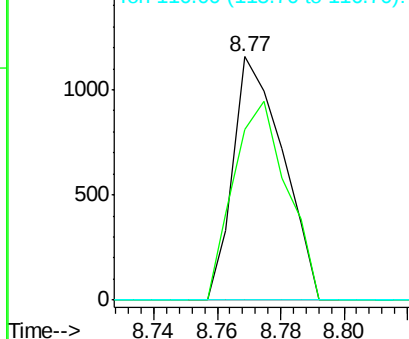


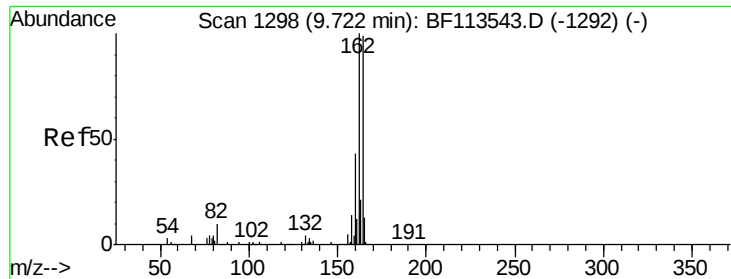
Abundance

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

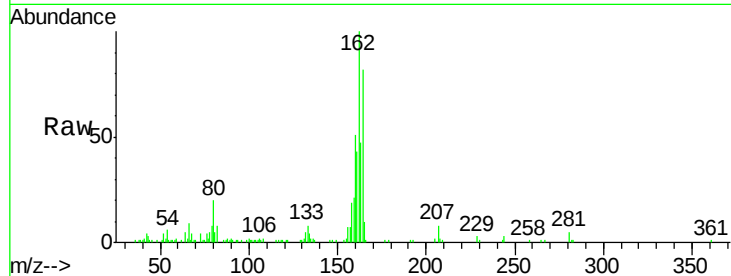




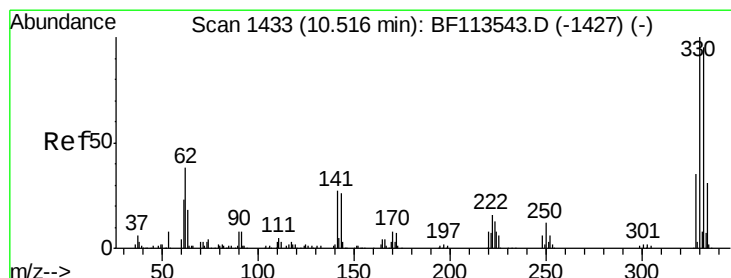
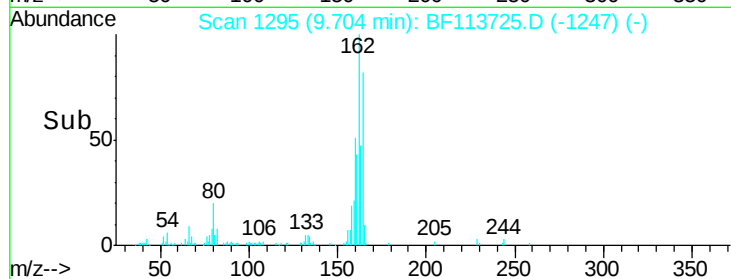
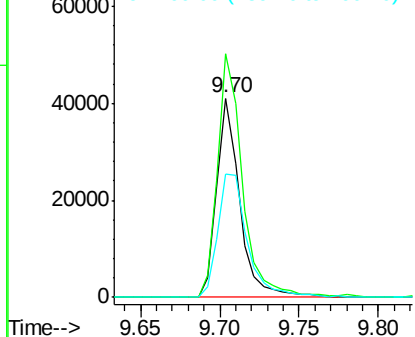
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 41571
Ion Ratio Lower Upper
164 100
162 122.1 81.8 122.6
160 61.9 36.4 54.6#

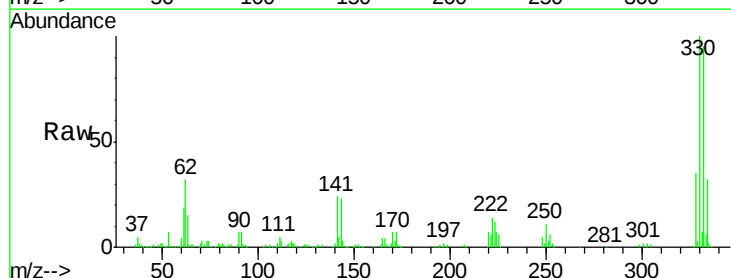


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

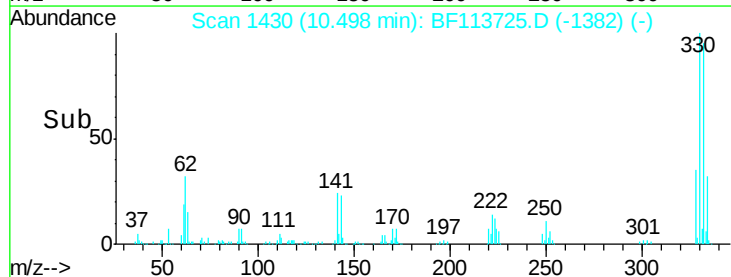
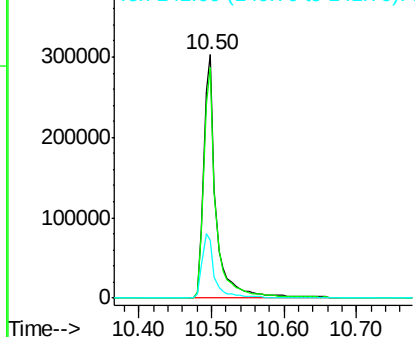


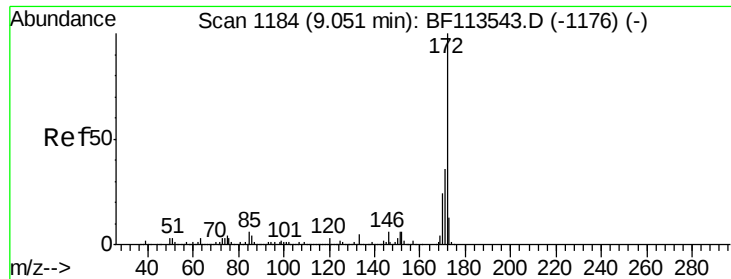
#42
2,4,6-Tribromophenol
Concen: 723.984 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:330 Resp: 361535
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.6
141 27.3 22.7 34.1



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

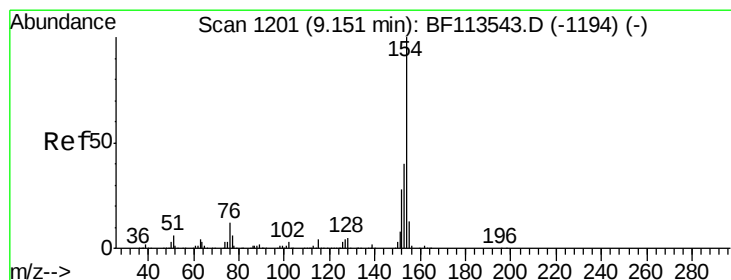
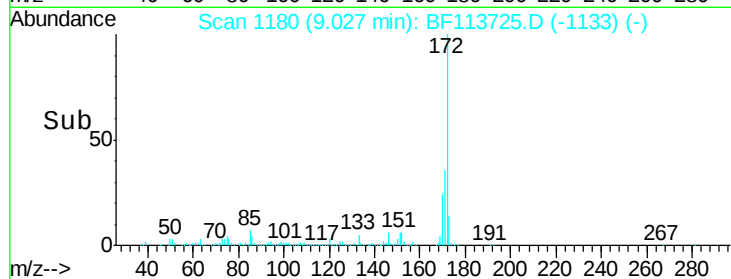
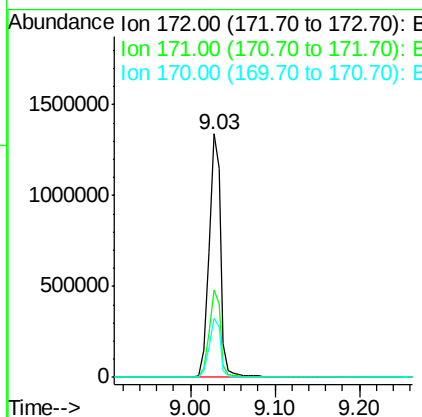
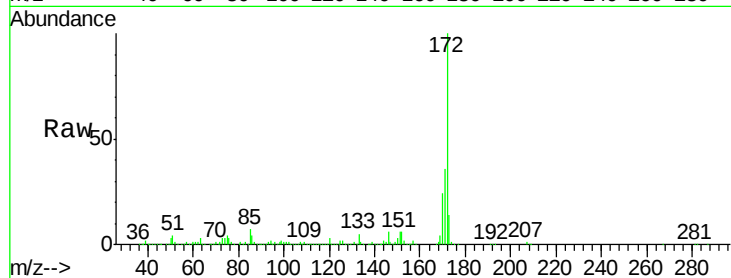




#45
 2-Fluorobiphenyl
 Concen: 502.349 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

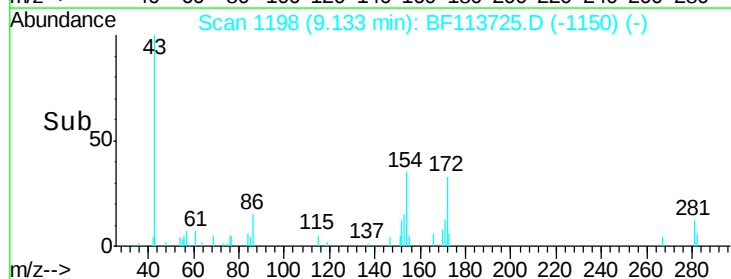
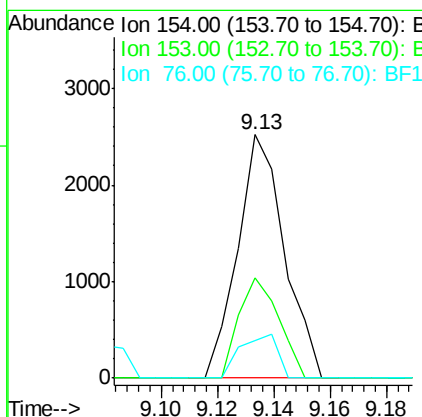
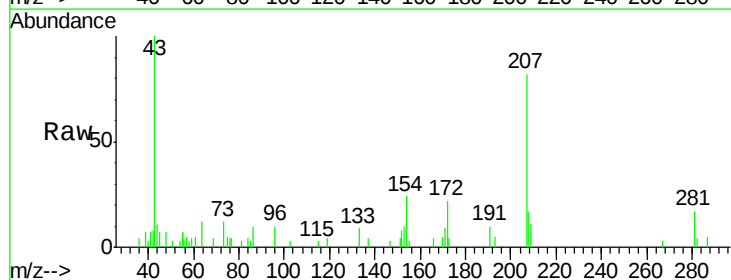
Instrument :
 BNA_F
 ClientSampleId :

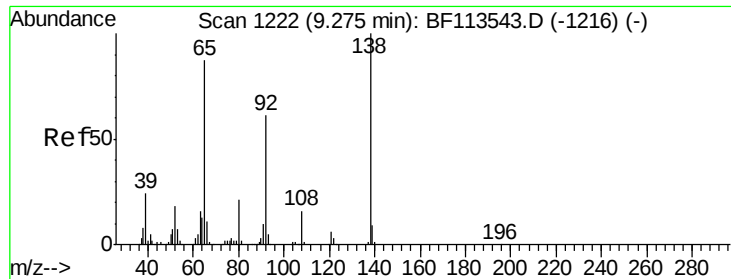
Tot Ion:172 Resp: 1297179
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 0.844 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Tgt Ion:154 Resp: 2894
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.8 60.8
 76 15.5 0.0 31.9

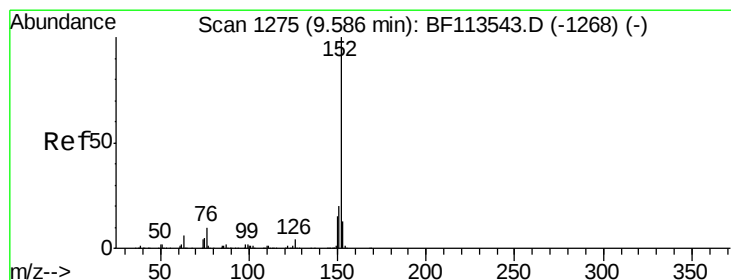
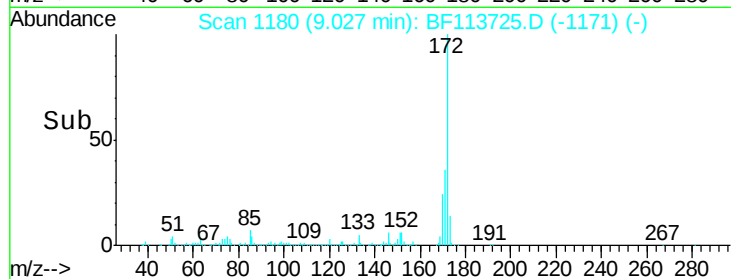
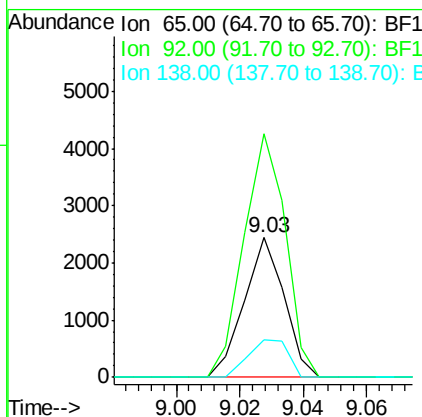
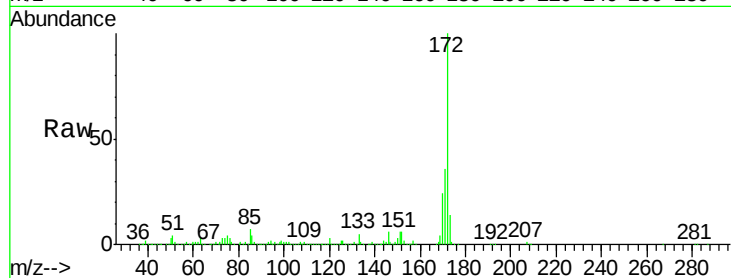




#48
2-Nitroaniline
Concen: 2.678 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.25 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

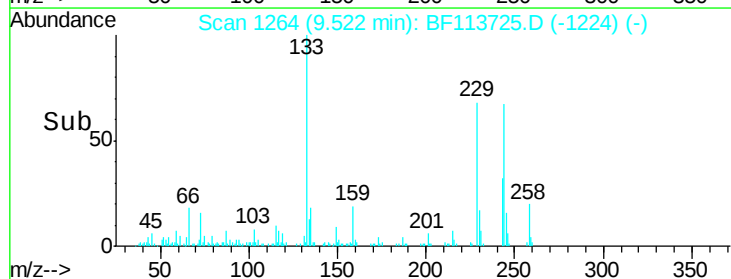
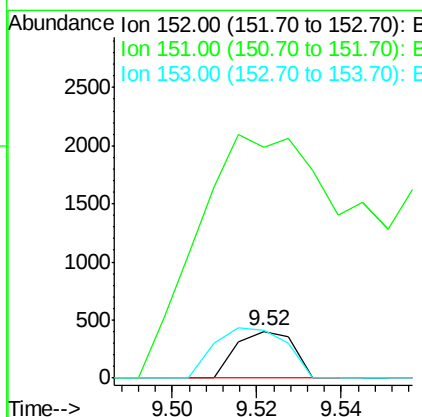
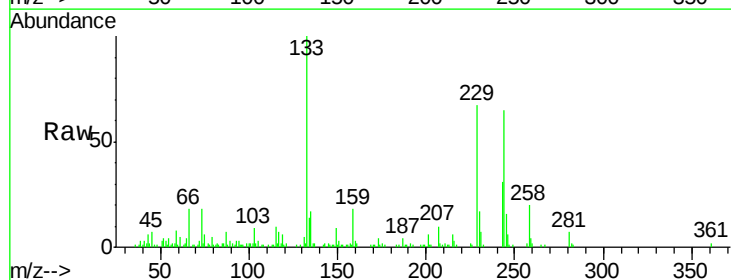
Instrument :
BNA_F
ClientSampleId :

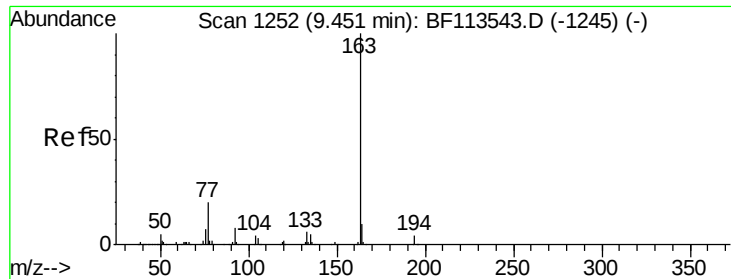
Tot Ion: 65 Resp: 2128
Ion Ratio Lower Upper
65 100
92 174.4 56.8 85.2#
138 26.9 92.3 138.5#



#49
Acenaphthylene
Concen: 0.090 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.06 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion: 152 Resp: 379
Ion Ratio Lower Upper
152 100
151 493.1 16.2 24.4#
153 103.2 11.0 16.6#

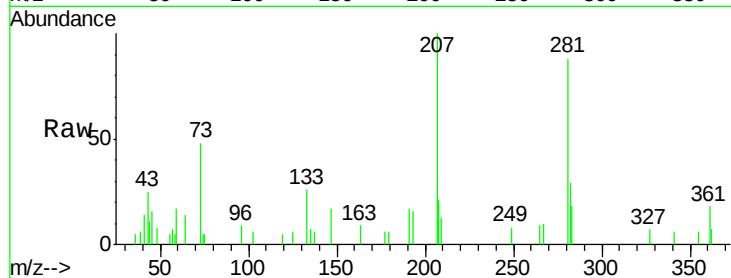




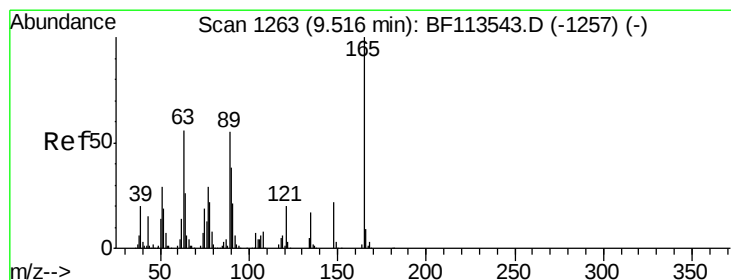
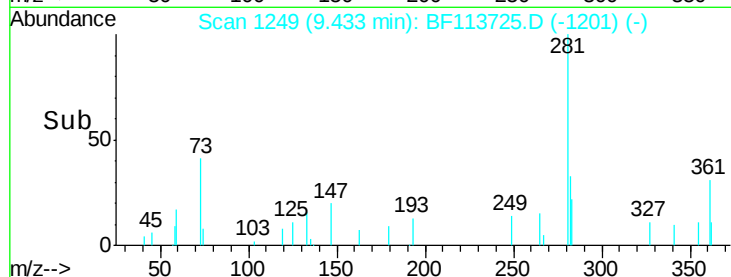
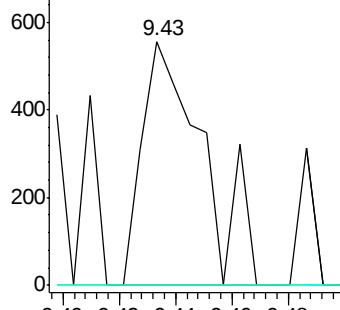
#50
Dimethylphthalate
Concen: 0.272 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 834
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.1 12.1#

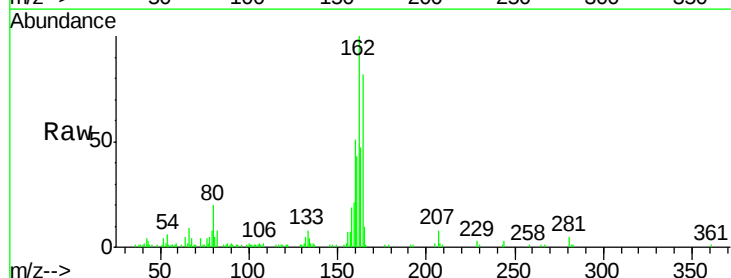


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

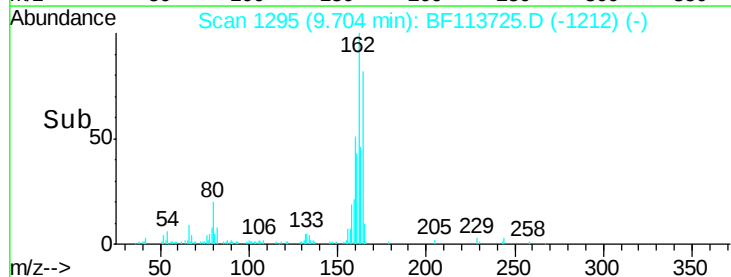
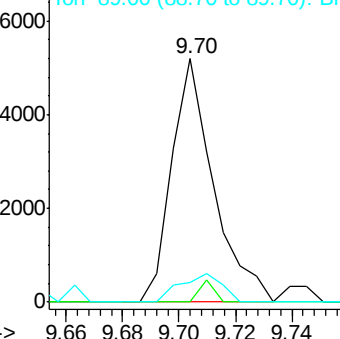


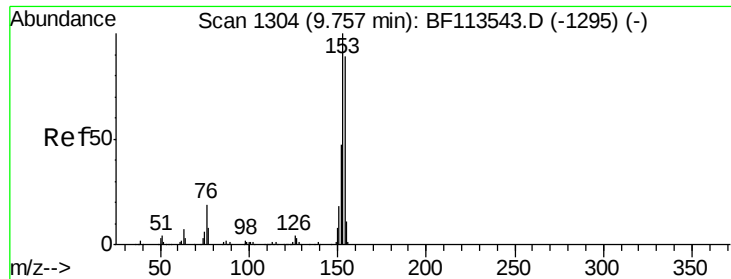
#51
2,6-Dinitrotoluene
Concen: 7.901 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:165 Resp: 5337
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 8.1 43.1 64.7#



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: 0.047 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampled :

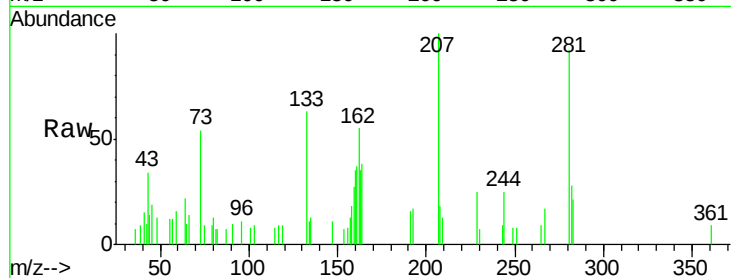
Tot Ion:154 Resp: 113

Ion Ratio Lower Upper

154 100

153 0.0 89.5 134.3#

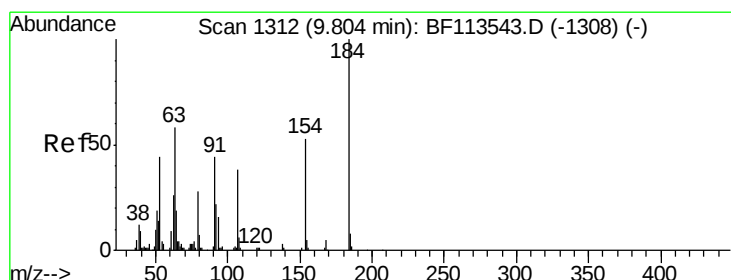
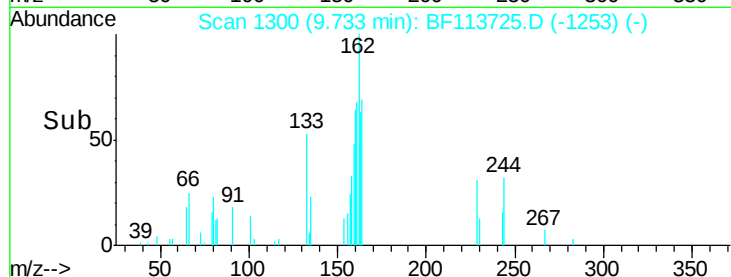
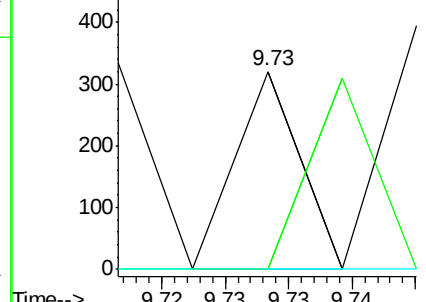
152 0.0 43.3 64.9#



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



#54

2,4-Dinitrophenol

Concen: 1.054 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

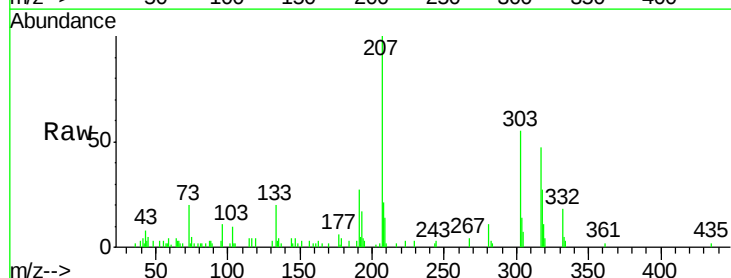
Tgt Ion:184 Resp: 333

Ion Ratio Lower Upper

184 100

63 0.0 54.3 81.5#

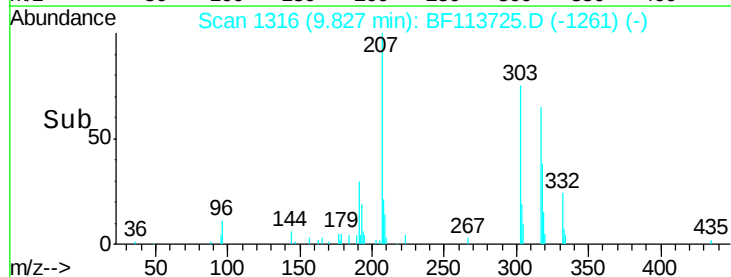
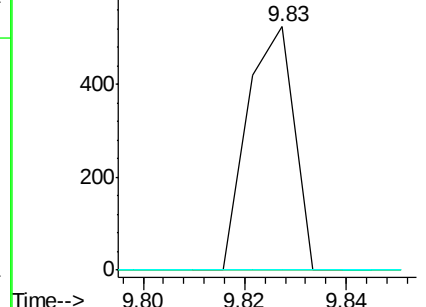
154 0.0 48.4 72.6#

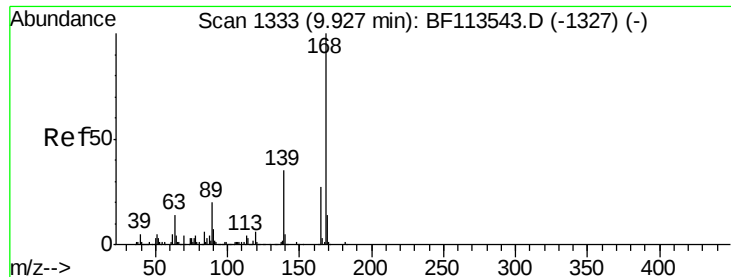


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

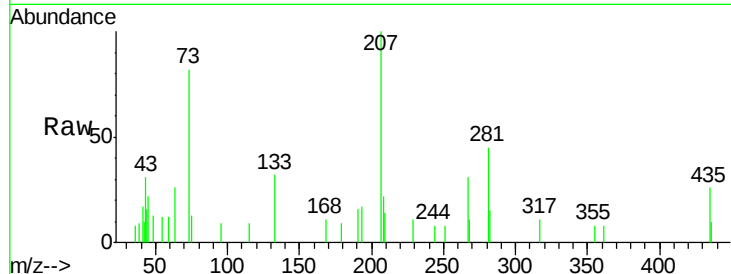




#55
Dibenzofuran
Concen: 0.126 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

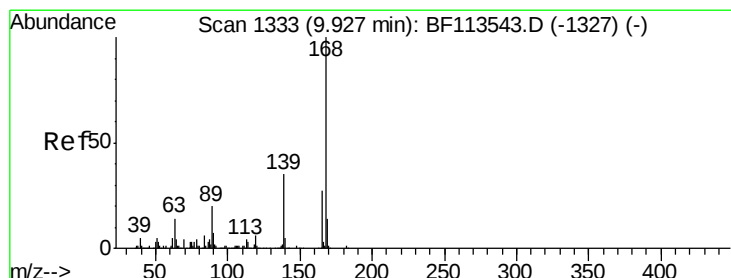
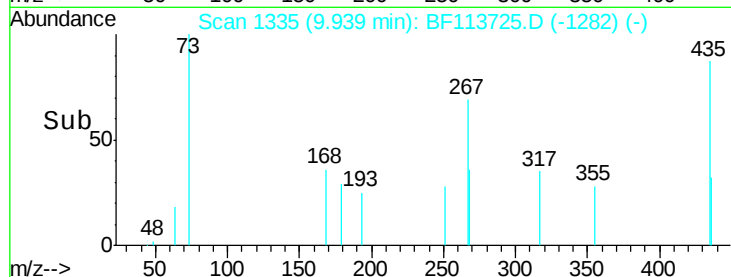
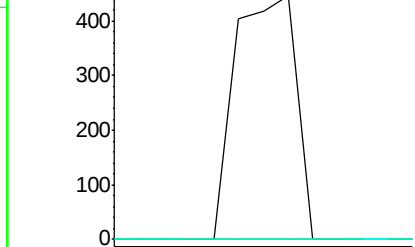
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 447
Ion Ratio Lower Upper
168 100
139 0.0 29.7 44.5#
169 0.0 10.7 16.1#



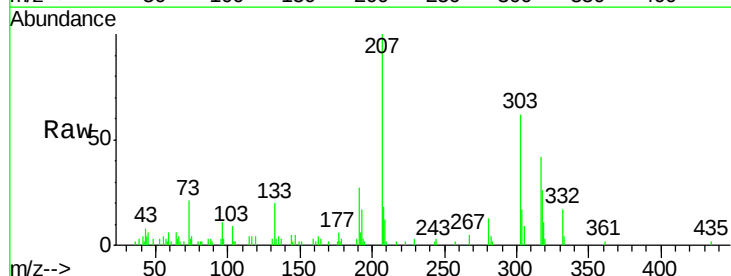
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

9.94



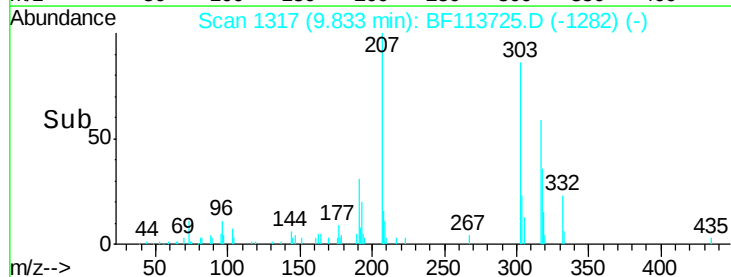
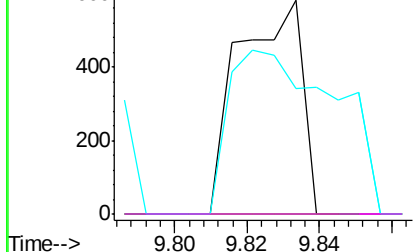
#57
2,4-Dinitrotoluene
Concen: 0.863 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.09 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

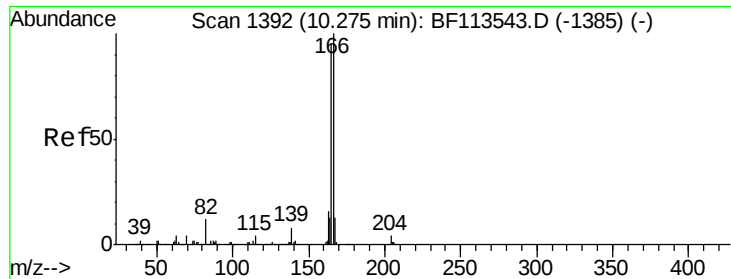
Tgt Ion:165 Resp: 705
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 58.6 57.4 86.2
182 0.0 2.0 3.0#



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

9.83





#58

Fluorene

Concen: 4.906 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.22 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

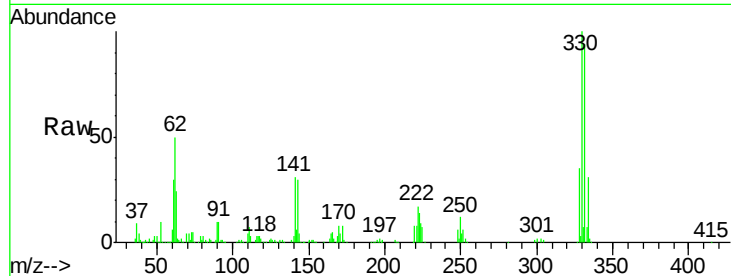
Tot Ion:166 Resp: 13760

Ion Ratio Lower Upper

166 100

165 90.9 76.2 114.2

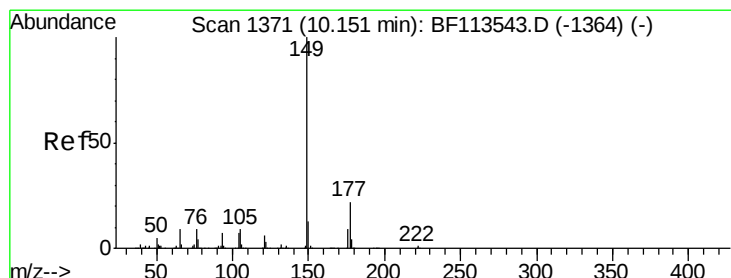
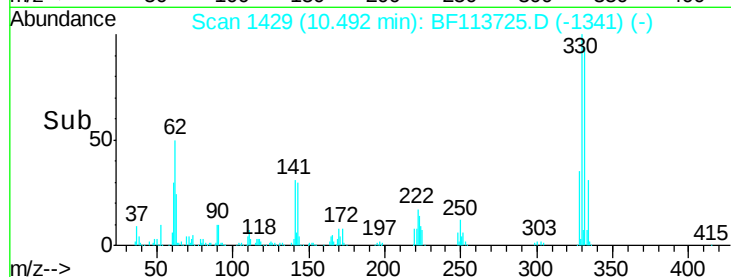
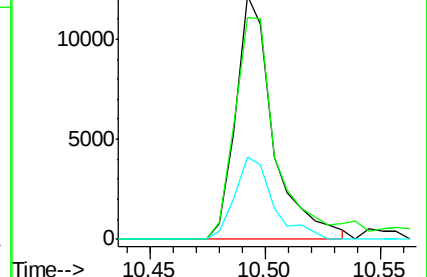
167 39.5 10.7 16.1#



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



#60

Diethylphthalate

Concen: 0.107 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.06 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

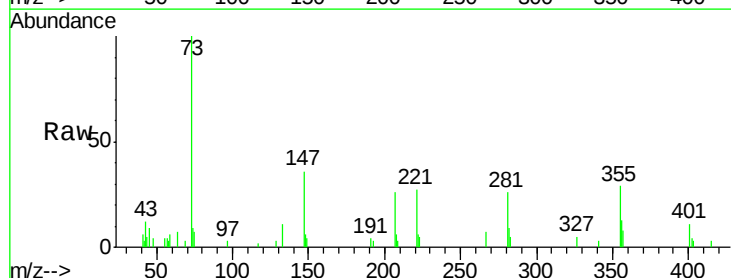
Tgt Ion:149 Resp: 316

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.0#

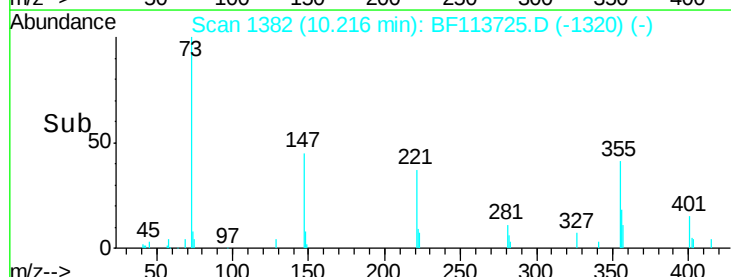
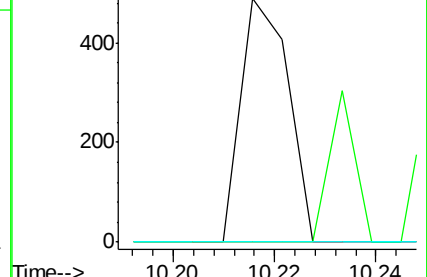
150 0.0 10.0 15.0#

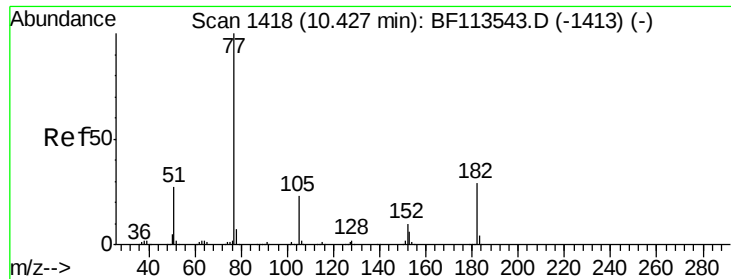


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.042 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.05 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 118

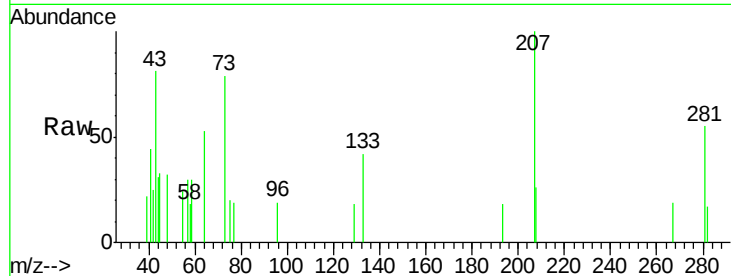
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 0.0 2.9 42.9#

51 0.0 8.8 48.8#



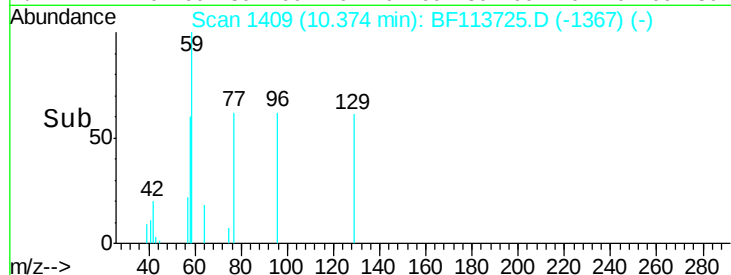
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

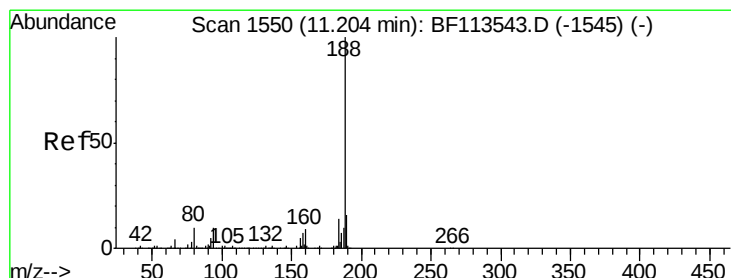
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

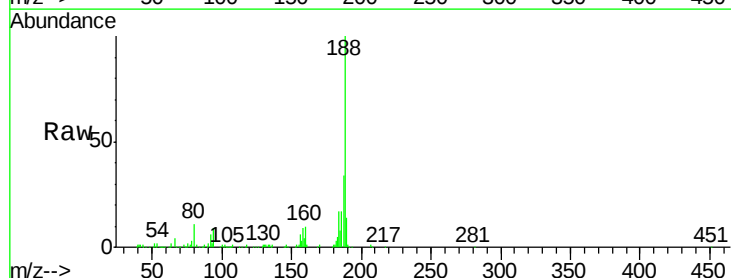
Tgt Ion: 188 Resp: 156139

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.5 7.7 11.5

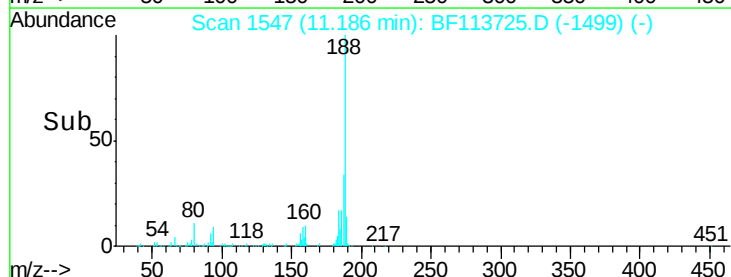


Abundance Ion 188.00 (187.70 to 188.70): E

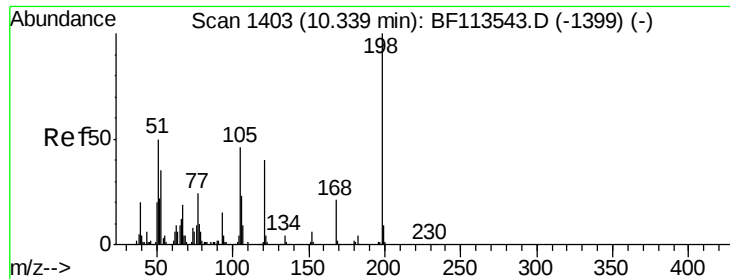
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 0.523 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.15 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

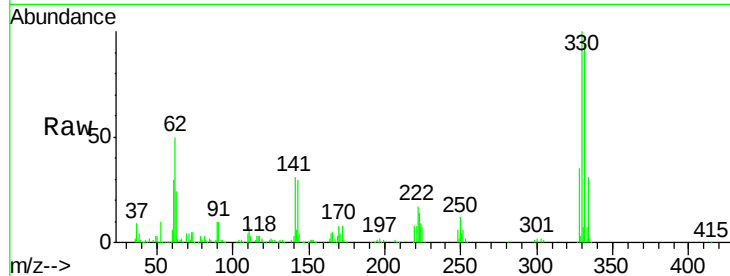
Tot Ion:198 Resp: 430

Ion Ratio Lower Upper

198 100

51 214.3 21.6 61.6#

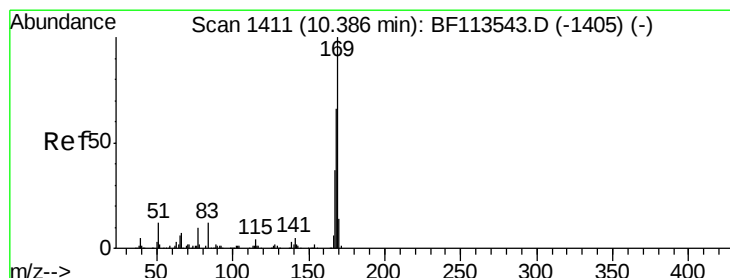
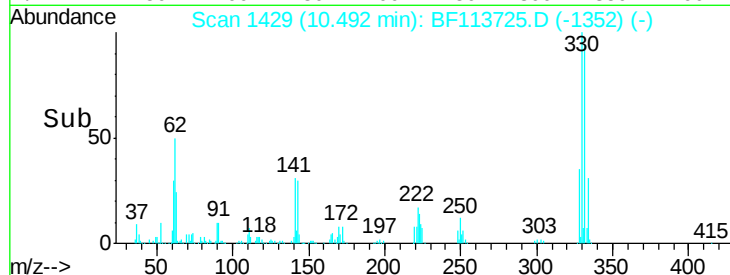
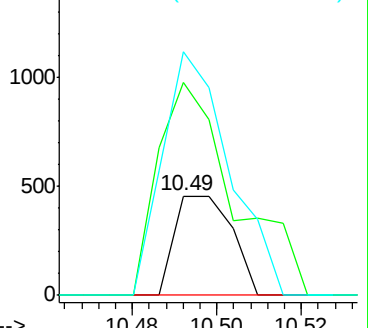
105 245.3 20.6 60.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.950 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.11 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

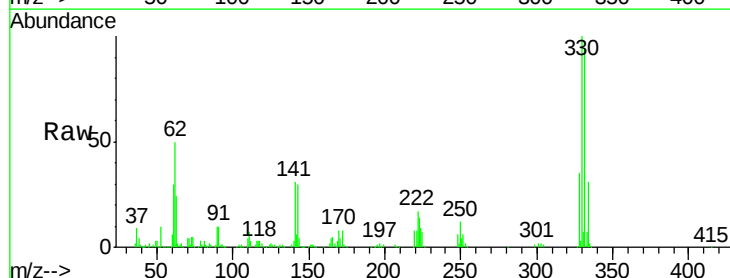
Tgt Ion:169 Resp: 9349

Ion Ratio Lower Upper

169 100

168 8.5 53.7 80.5#

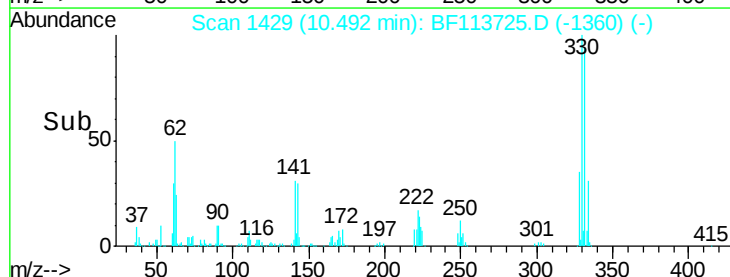
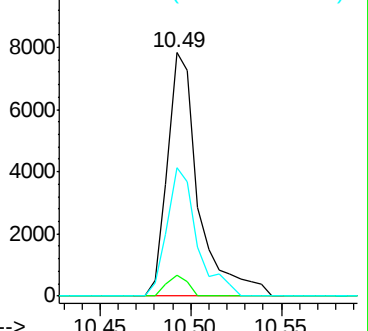
167 61.3 29.5 44.3#

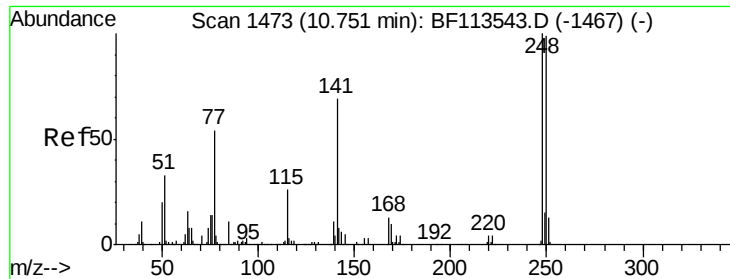


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

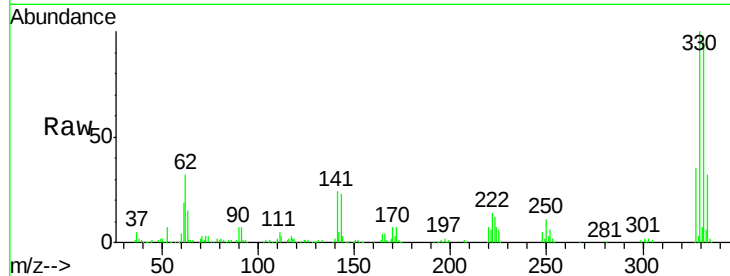




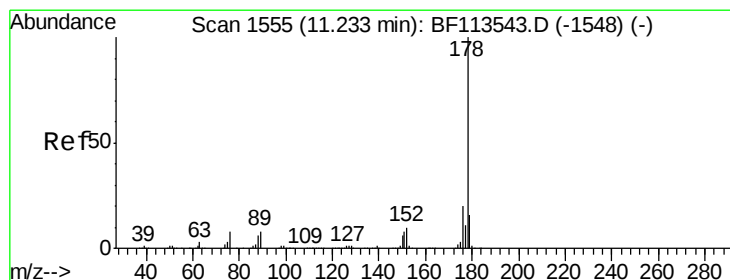
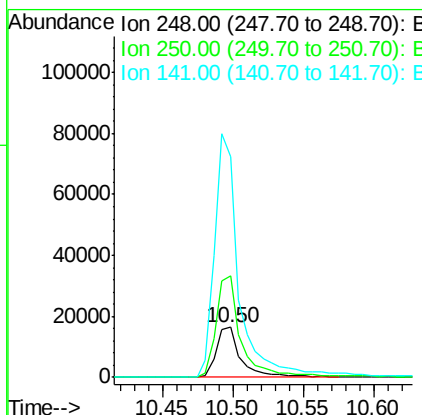
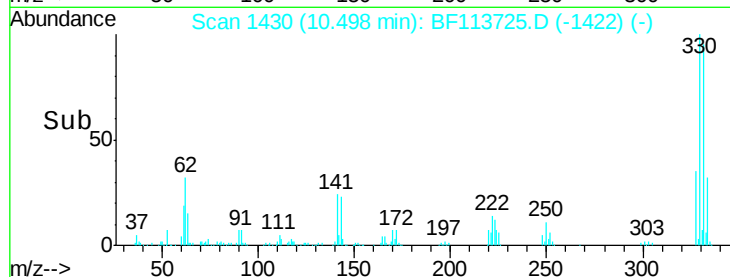
#67
 4-Bromophenyl-phenylether
 Concen: 11.441 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20035
 Ion Ratio Lower Upper
 248 100
 250 202.9 78.3 117.5#
 141 442.1 56.2 84.4#

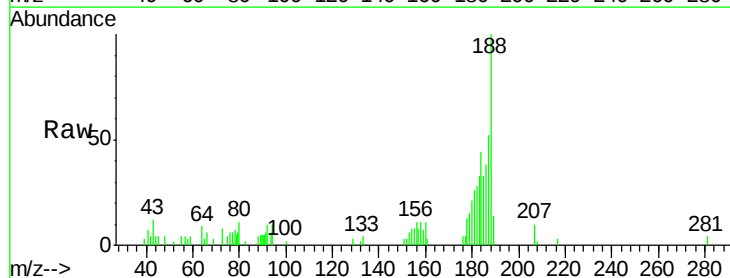


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

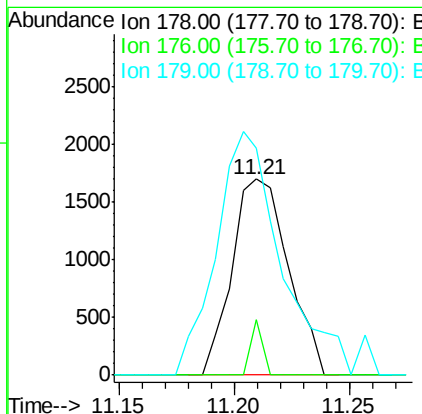
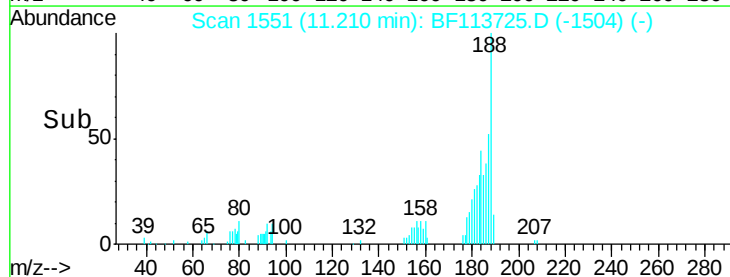


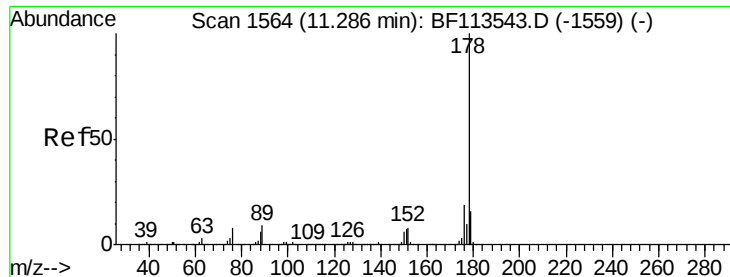
#71
 Phenanthrene
 Concen: 0.371 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Tgt Ion:178 Resp: 2881
 Ion Ratio Lower Upper
 178 100
 176 28.2 16.2 24.2#
 179 115.4 12.7 19.1#



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: 0.365 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

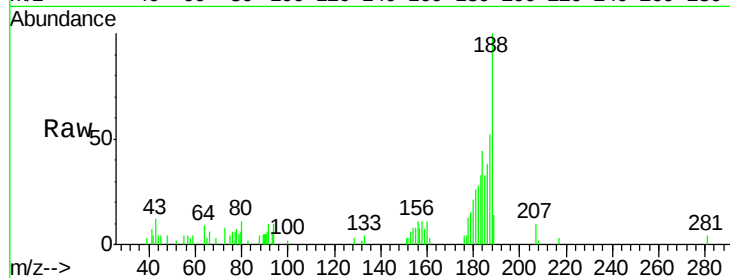
Tot Ion:178 Resp: 2881

Ion Ratio Lower Upper

178 100

176 28.2 15.4 23.2#

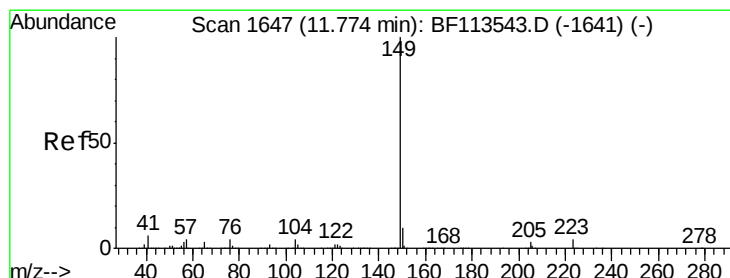
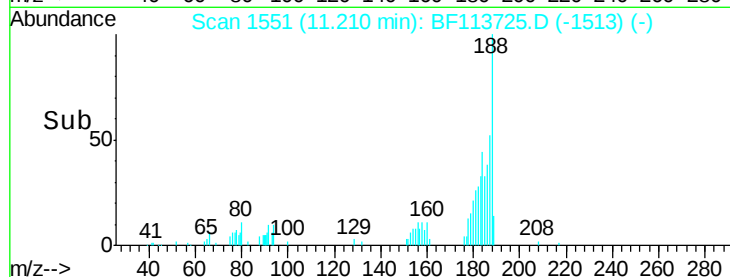
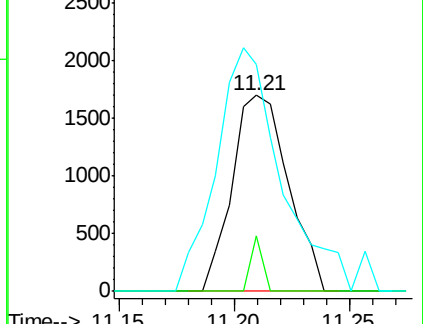
179 115.4 12.8 19.2#



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



#74

Di-n-butylphthalate

Concen: 0.041 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

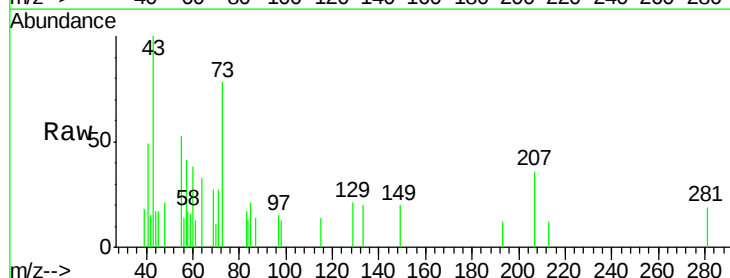
Tgt Ion:149 Resp: 360

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

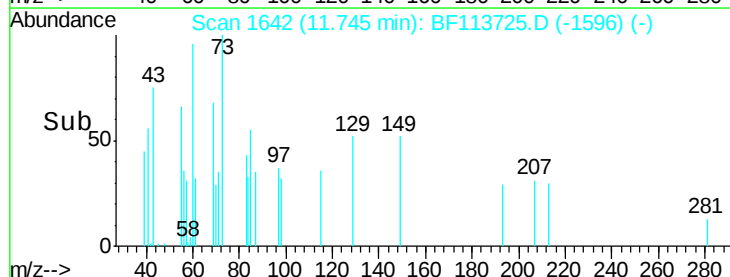
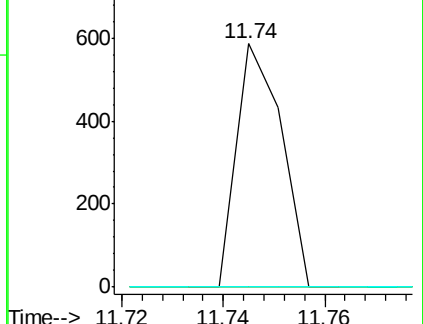
104 0.0 3.7 5.5#

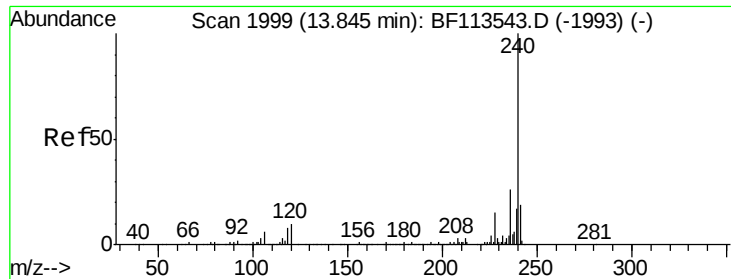


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

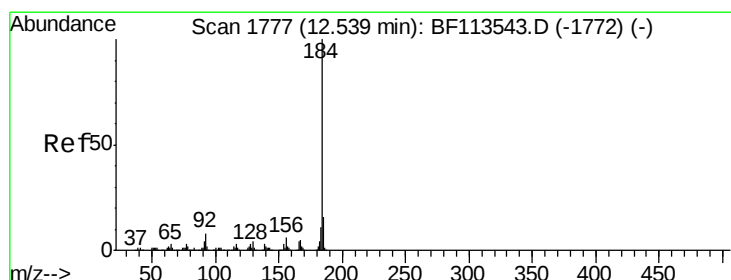
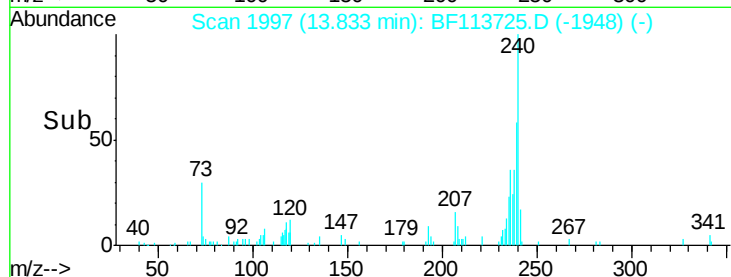
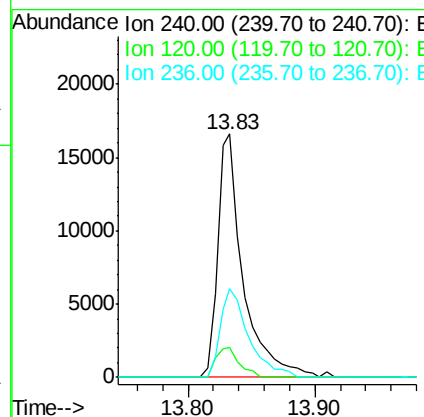
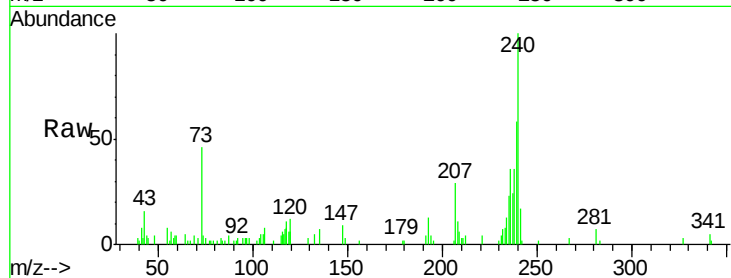




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

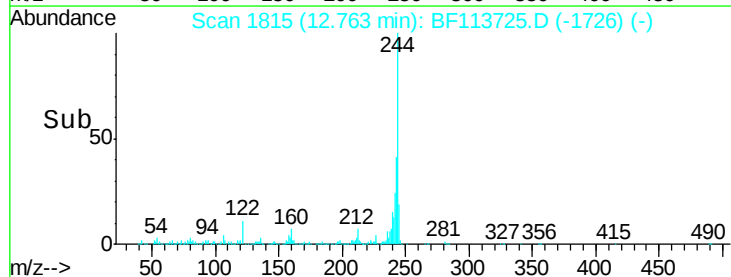
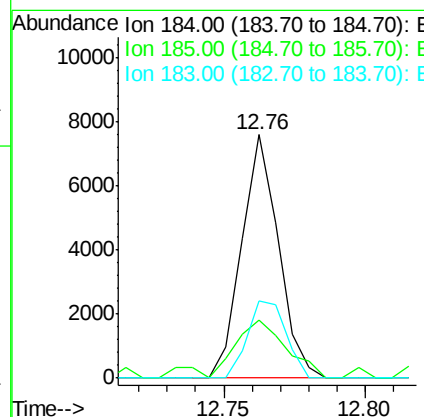
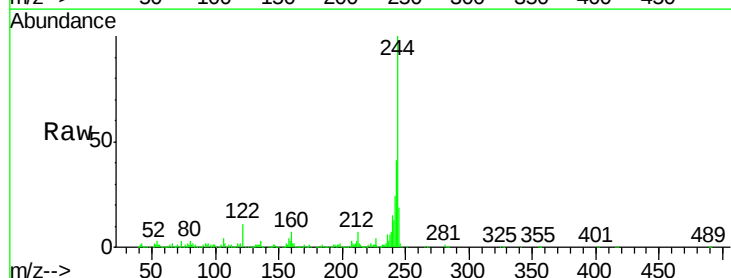
Instrument :
BNA_F
ClientSampleId :

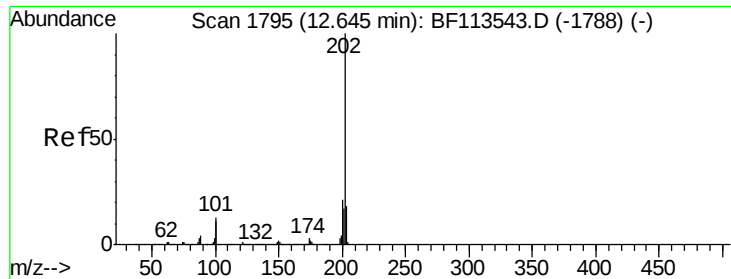
Tot Ion:240 Resp: 23300
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 36.4 20.9 31.3#



#77
Benzidine
Concen: 7.906 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.22 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:184 Resp: 6850
Ion Ratio Lower Upper
184 100
185 23.9 13.0 19.6#
183 31.6 9.0 13.4#

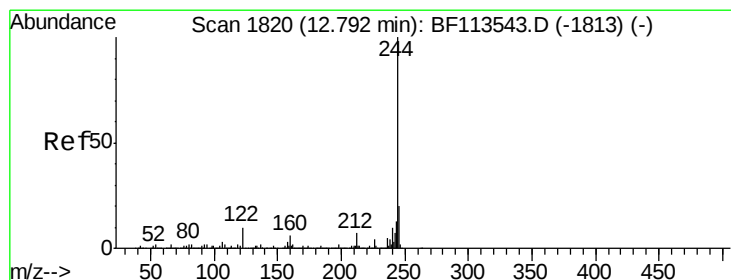
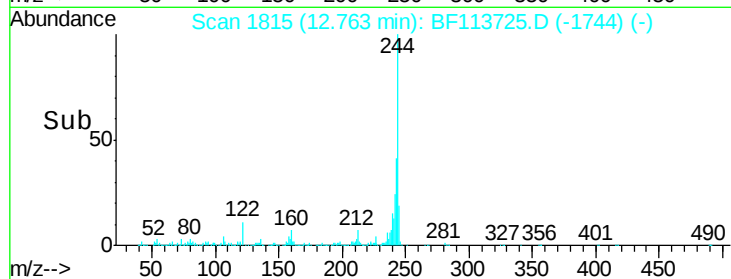
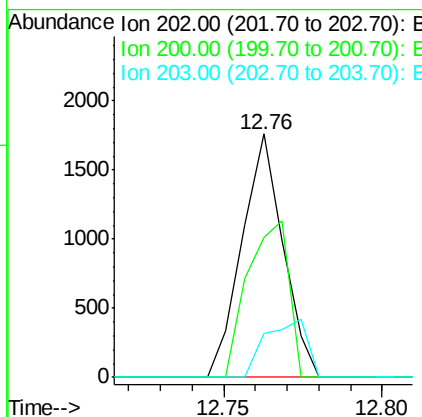
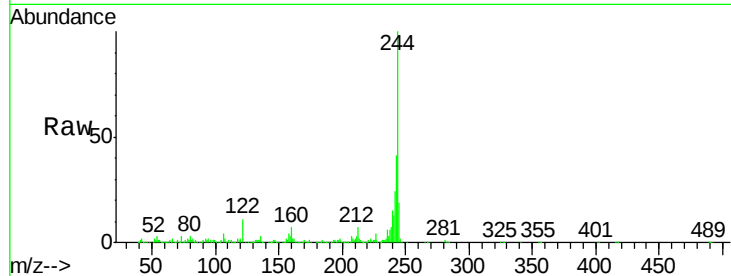




#78
Pvrene
Concen: 0.896 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.12 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

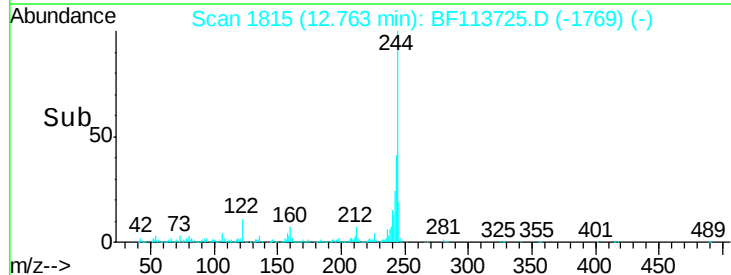
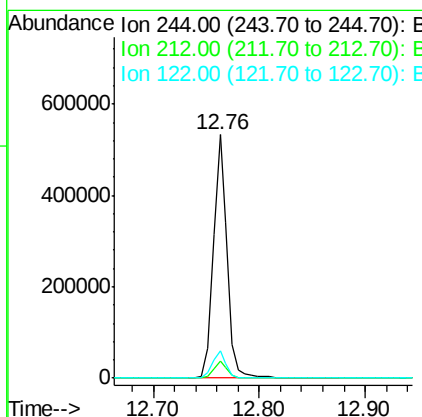
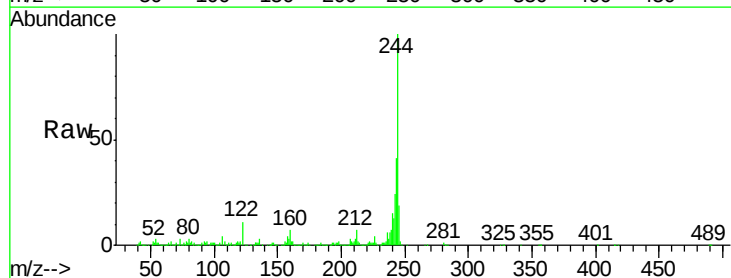
Instrument :
BNA_F
ClientSampleId :

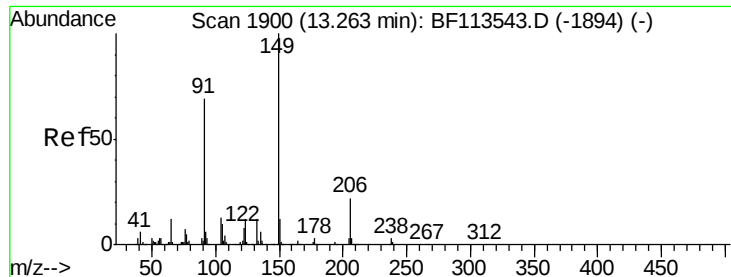
Tot Ion:202 Resp: 1588
Ion Ratio Lower Upper
202 100
200 57.3 16.8 25.2#
203 18.1 14.4 21.6



#79
Terphenyl-d14
Concen: 428.420 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:244 Resp: 490281
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.4 8.6 13.0

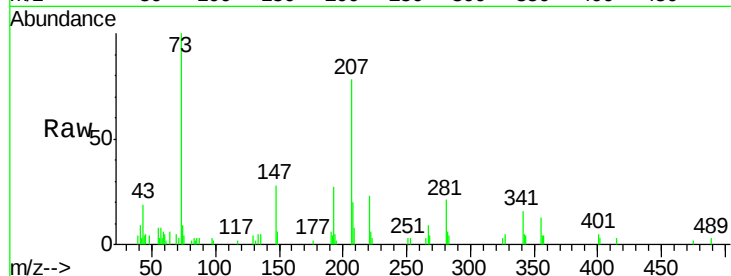




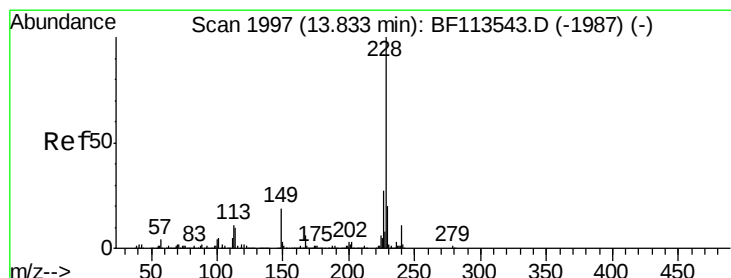
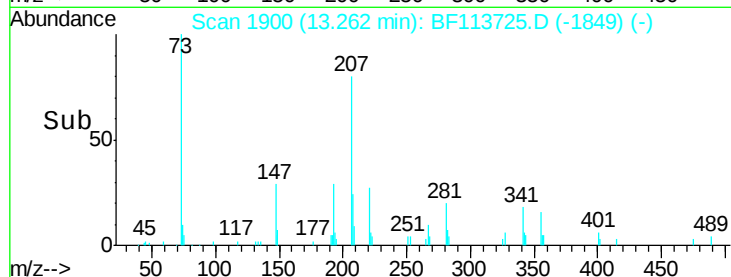
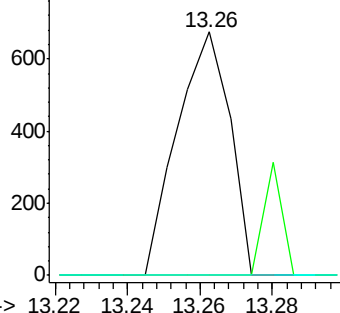
#80
Butylbenzylphthalate
Concen: 0.941 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 679
Ion Ratio Lower Upper
149 100
91 0.0 55.2 82.8#
206 0.0 16.1 24.1#

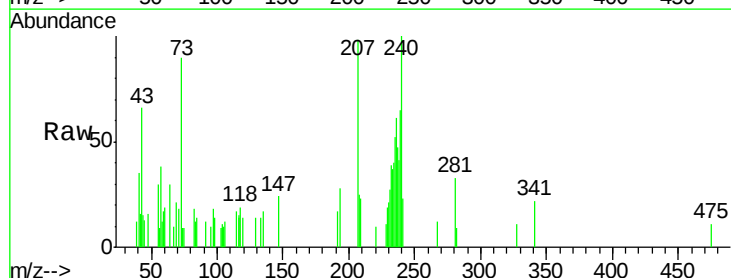


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

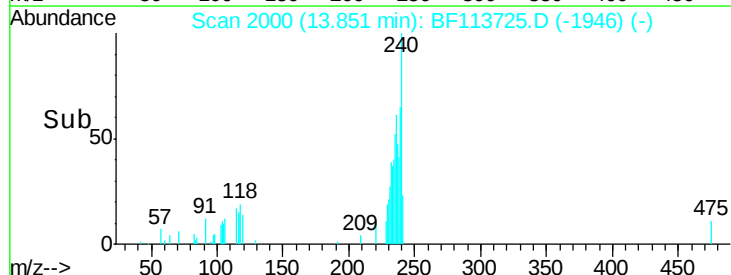
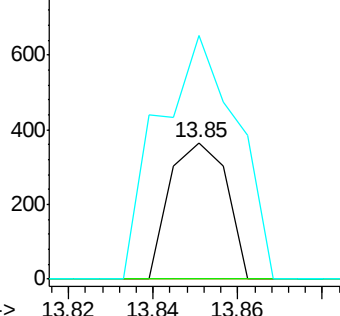


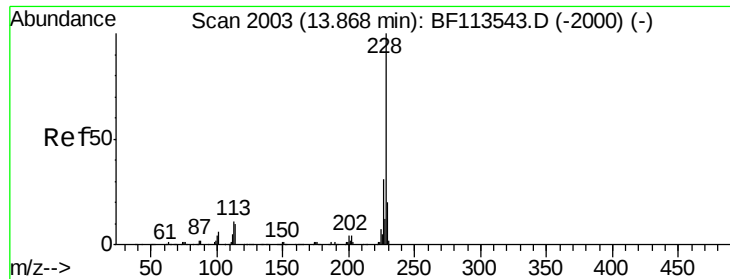
#81
Benzo(a)anthracene
Concen: 0.254 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:228 Resp: 342
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 178.6 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.251 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

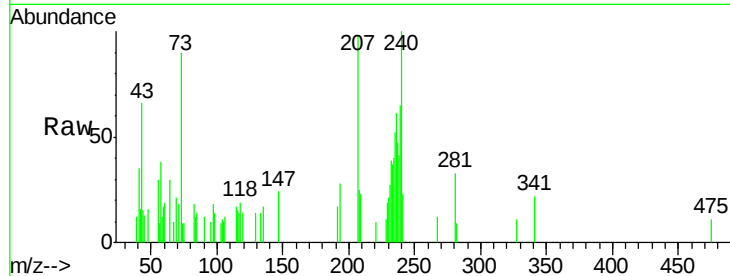
Tot Ion:228 Resp: 342

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

229 178.6 16.3 24.5#

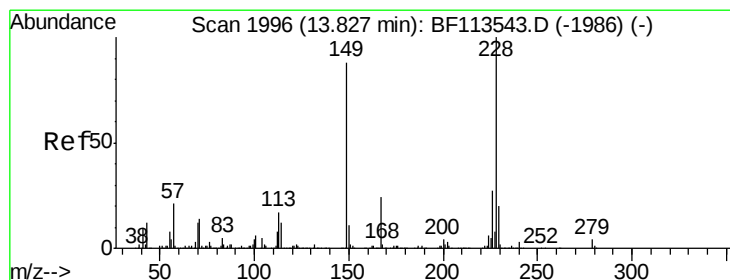
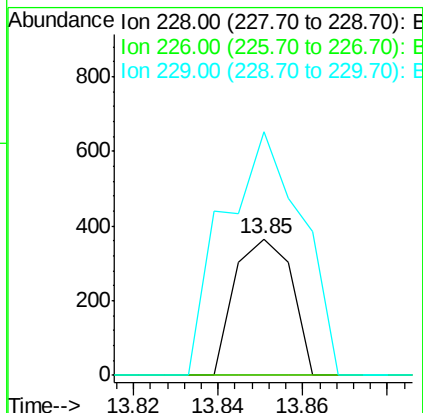
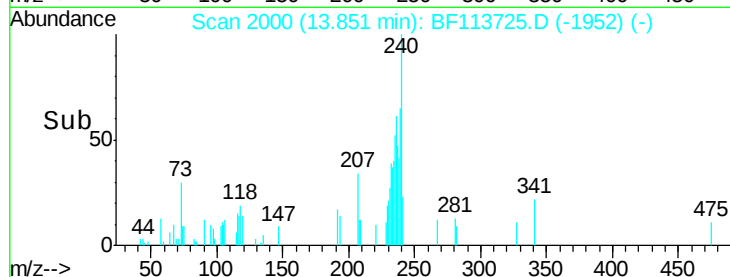


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.492 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

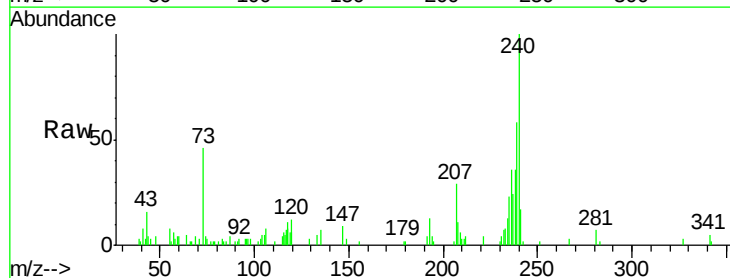
Tgt Ion:149 Resp: 429

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

279 0.0 2.9 4.3#

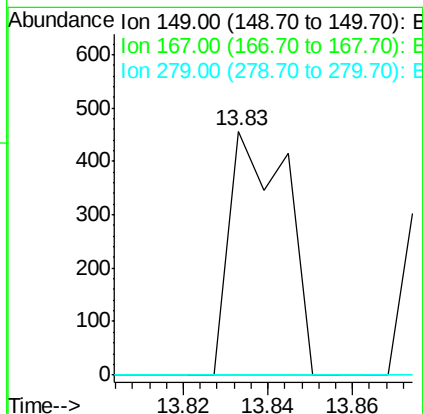
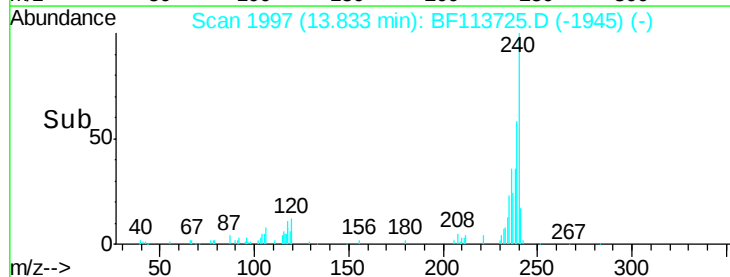


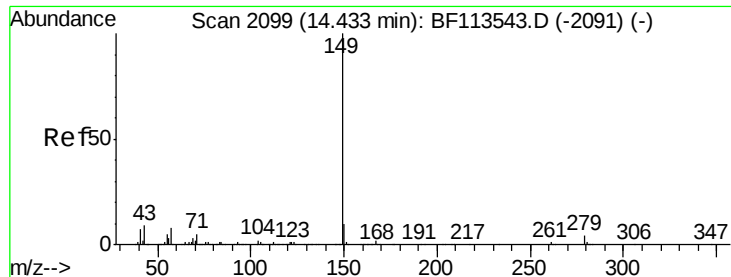
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#85

Di-n-octyl phthalate

Concen: 0.265 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

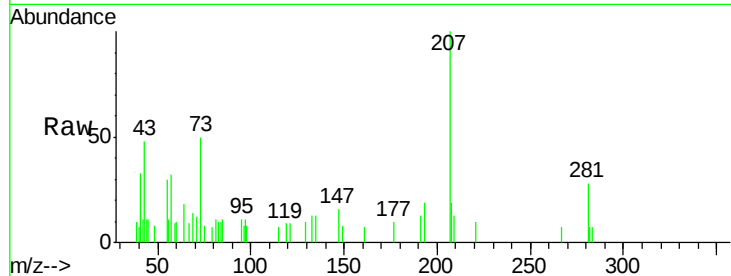
Tot Ion:149 Resp: 376

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

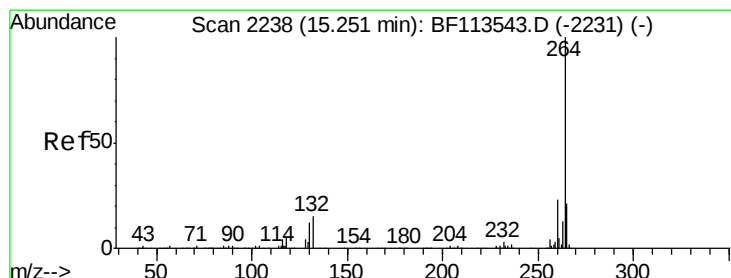
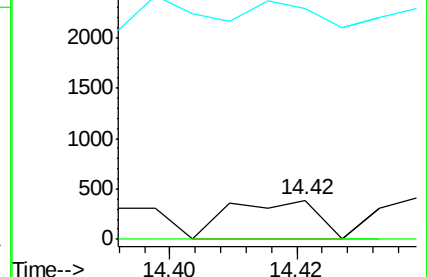
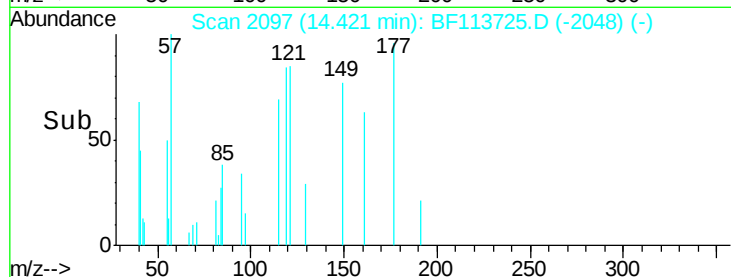
43 0.0 7.7 11.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

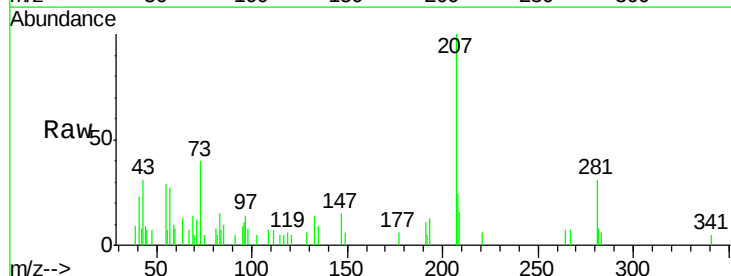
Tgt Ion:264 Resp: 393

Ion Ratio Lower Upper

264 100

260 0.0 19.1 28.7#

265 0.0 17.1 25.7#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

