

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100409.D
 Acq On : 10 Nov 2017 23:52
 Operator : SJ/JU
 Sample : I6332-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

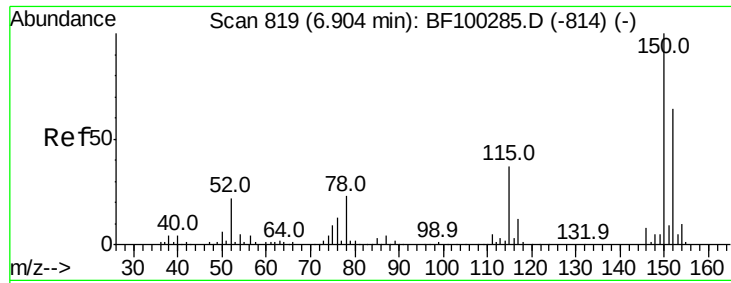
Quant Time: Nov 11 00:21:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181250	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	679855	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	282811	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	439685	20.00	ng	0.00
75) Chrysene-d12	14.06	240	365297	20.00	ng	0.00
86) Perylene-d12	15.54	264	285944	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	547154	48.39	ng	0.00
7) Phenol-d6	6.52	99	458982	32.92	ng	0.00
23) Nitrobenzene-d5	7.47	82	1042960	101.42	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	314267	109.05	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1662199	89.50	ng	0.00
78) Terphenyl-d14	13.01	244	1262547	79.41	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.67	77	22872	2.297	ng	86
18) Hexachloroethane	7.43	117	12685	2.756	ng	# 1
19) n-Nitroso-di-n-propylamine	7.47	70	139762	14.454	ng	# 81
22) Acetophenone	7.29	105	160327	9.671	ng	# 58
25) Isophorone	7.47	82	1035495	47.919	ng	# 64
26) 2-Nitrophenol	7.83	139	158	5.407	ng	# 1
27) 2,4-Dimethylphenol	7.85	122	116968	12.075	ng	# 87
28) bis(2-Chloroethoxy)methane	7.93	93	40129	2.839	ng	# 55
32) Benzoic acid	7.94	122	4013	9.806	ng	# 1
47) 2-Nitroaniline	9.50	65	1697	3.089	ng	# 19
56) 2,4-Dinitrotoluene	9.94	165	35610	6.604	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	115	8.613	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	19039	4.039	ng	# 1

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

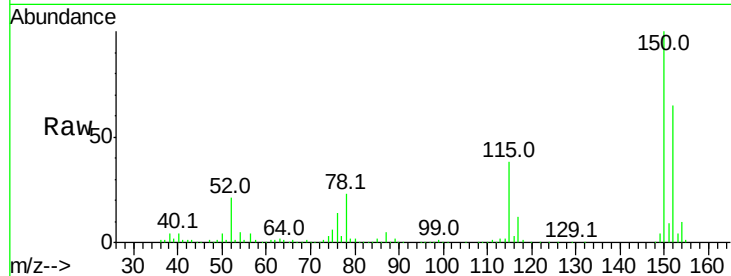


#1

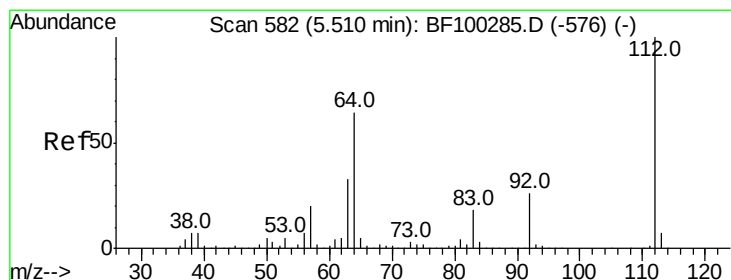
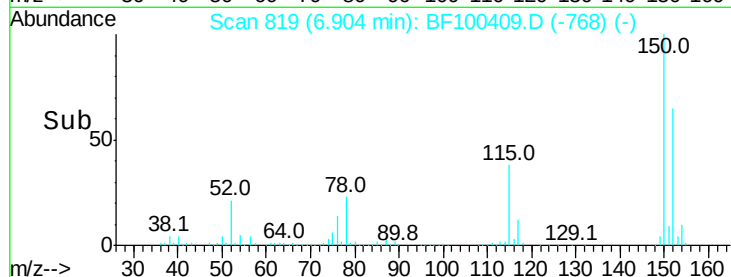
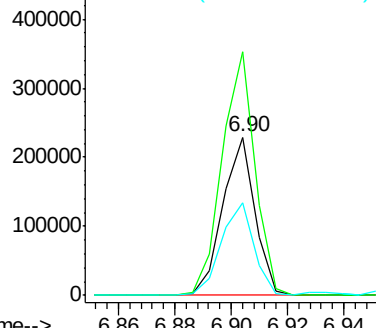
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 181250
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.3 50.1 75.1



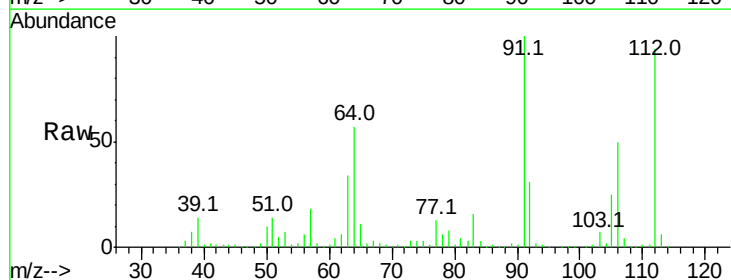
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



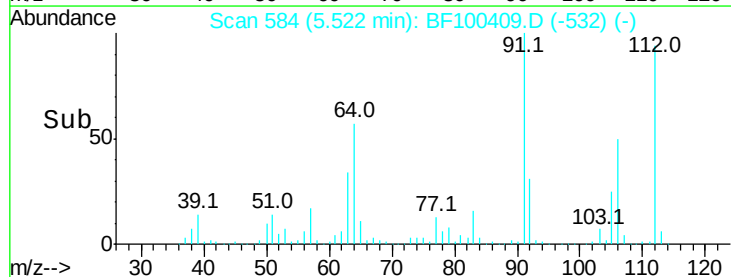
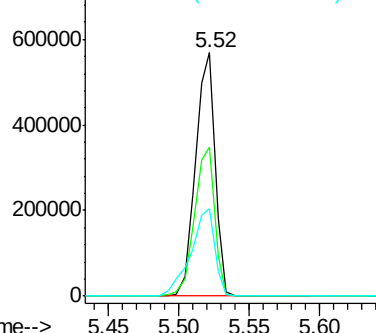
#5

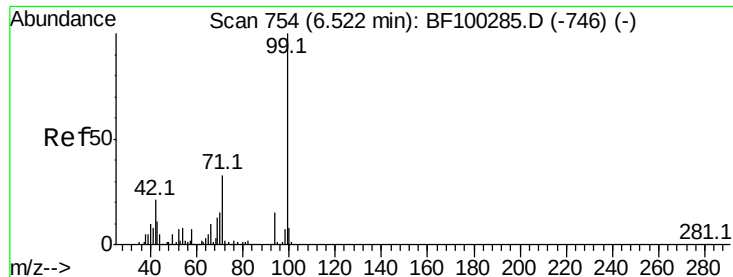
2-Fluorophenol
Concen: 48.391 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Tgt Ion:112 Resp: 547154
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 35.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.918 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Instrument :

BNA_F

ClientSampleId :

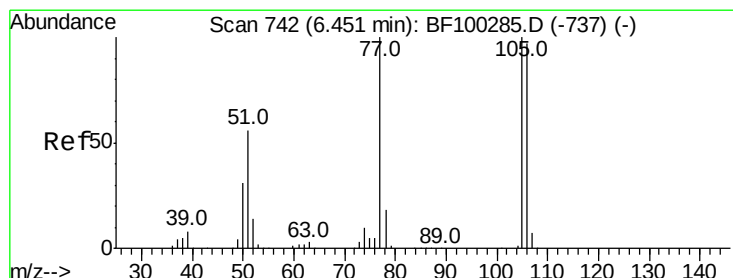
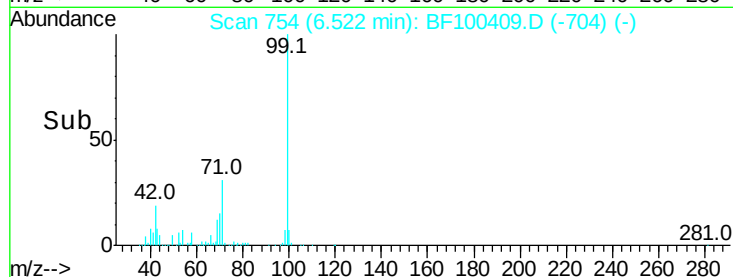
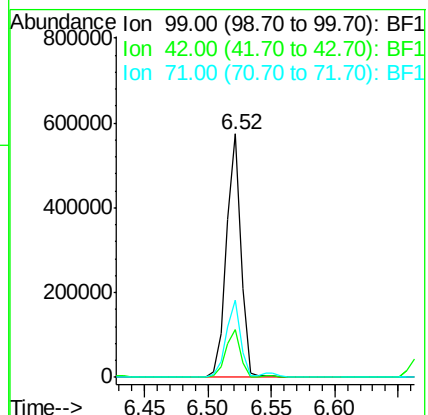
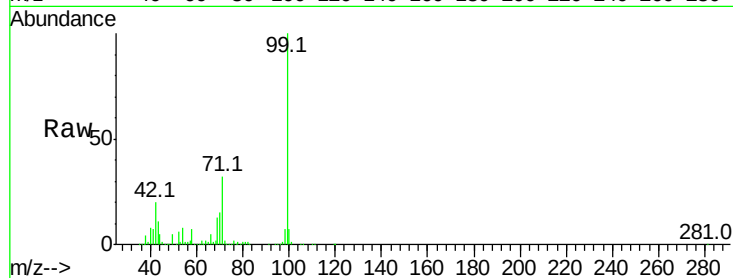
Tot Ion: 99 Resp: 458982

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 31.6 25.4 38.0



#9

Benzaldehyde

Concen: 2.297 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.22 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

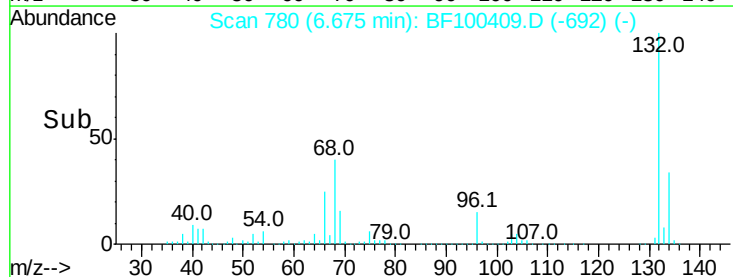
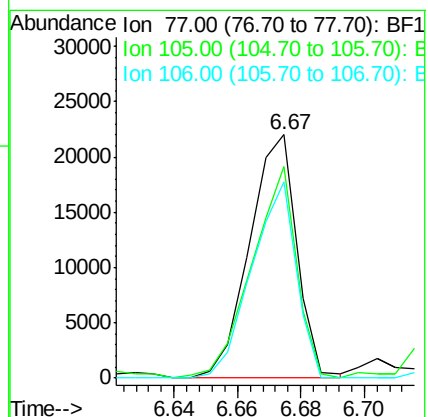
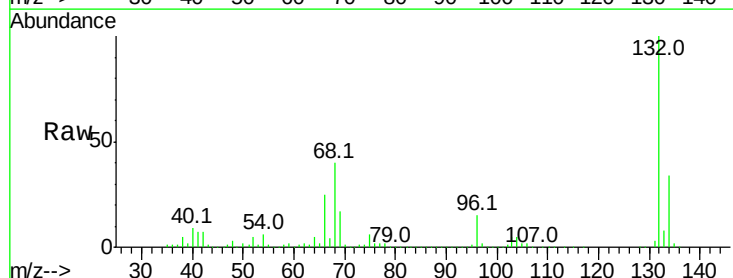
Tgt Ion: 77 Resp: 22872

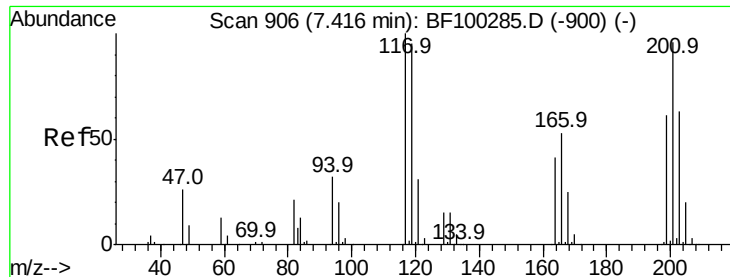
Ion Ratio Lower Upper

77 100

105 87.2 81.1 121.1

106 80.5 74.5 114.5

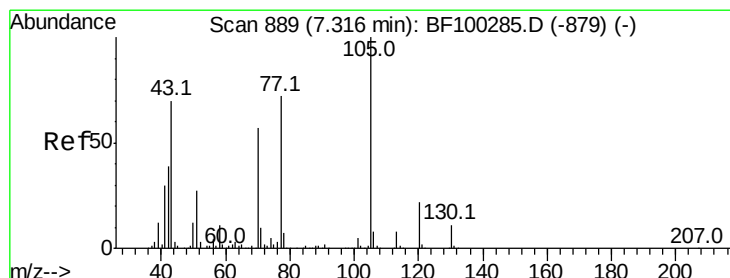
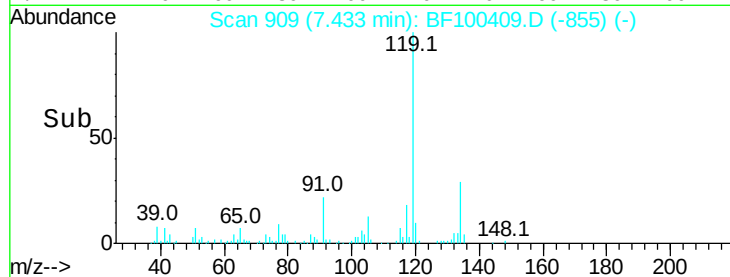
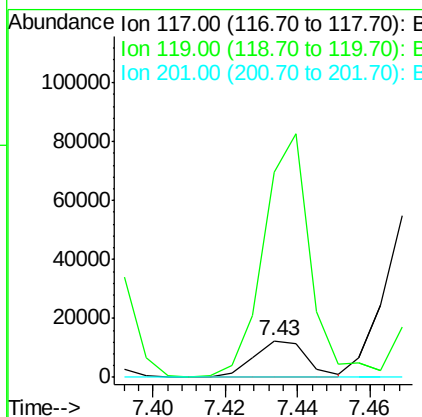
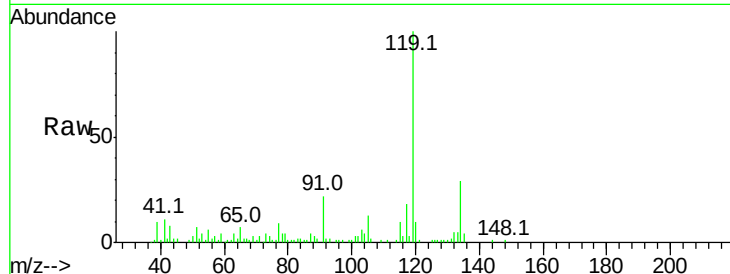




#18
Hexachloroethane
Concen: 2.756 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.02 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

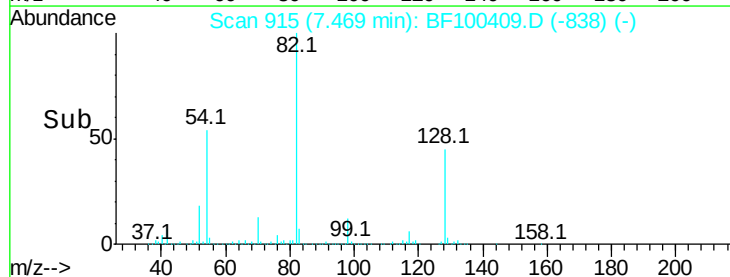
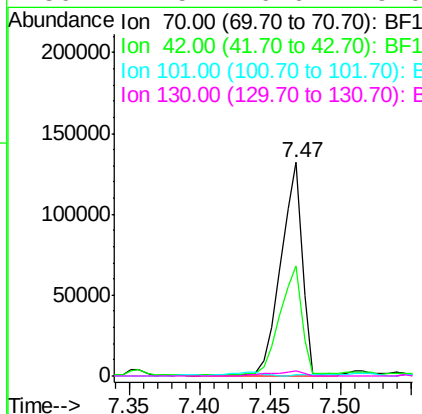
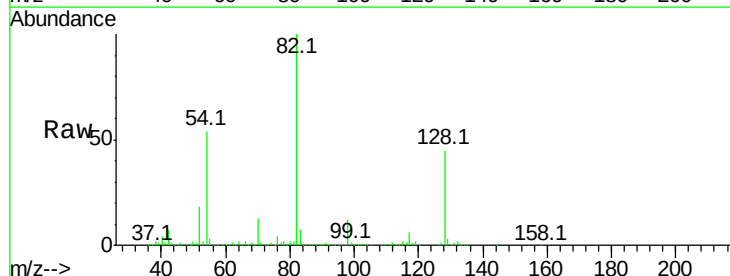
Instrument :
BNA_F
ClientSampleId :

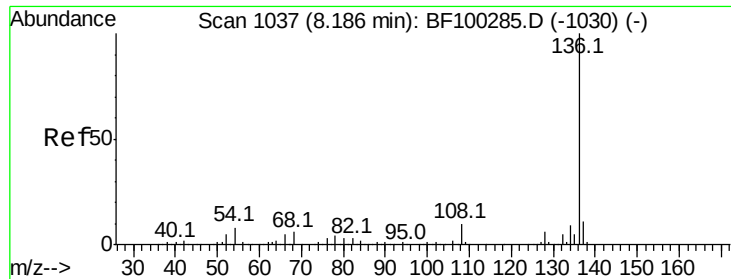
Tot Ion:117 Resp: 12685
Ion Ratio Lower Upper
117 100
119 560.1 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.454 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Tgt Ion: 70 Resp: 139762
Ion Ratio Lower Upper
70 100
42 51.4 47.5 71.3
101 0.5 7.4 11.2#
130 2.5 16.6 25.0#

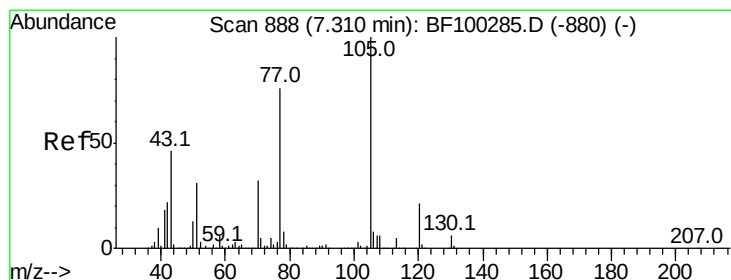
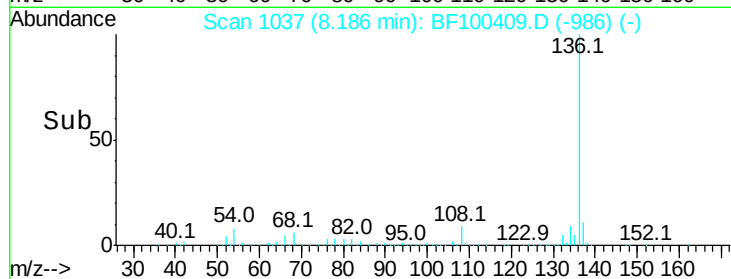
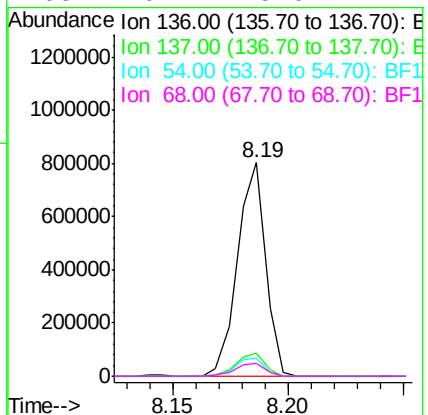
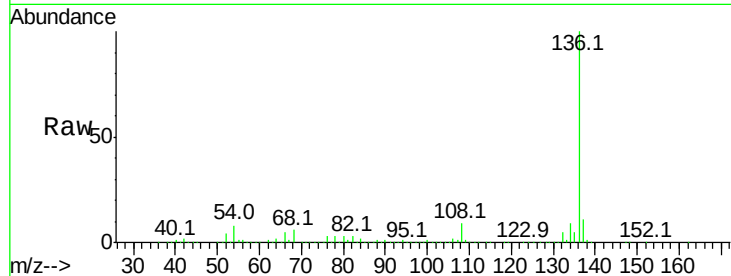




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

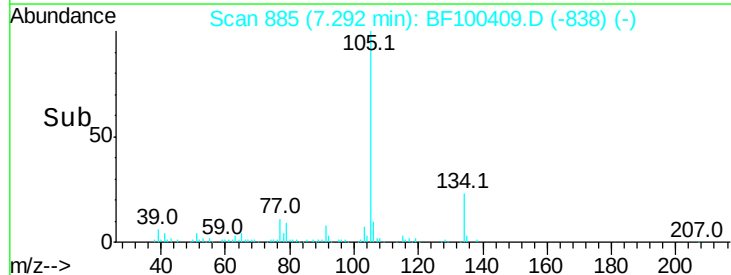
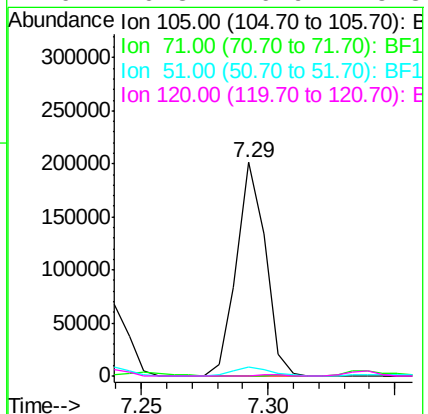
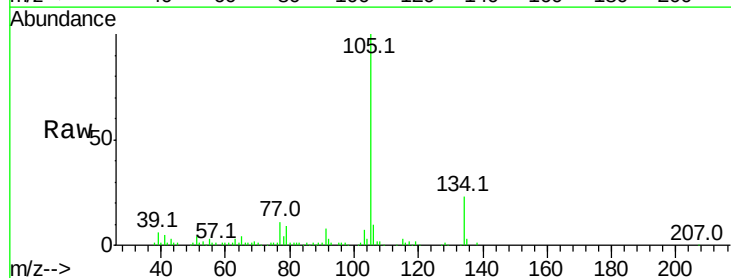
Instrument :
BNA_F
ClientSampleId :

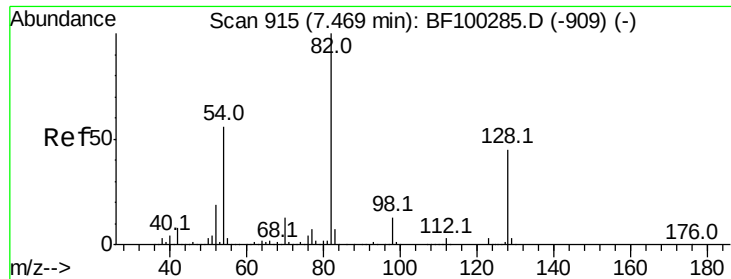
Tot Ion:136	Resp:	679855
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	8.3	6.6 9.8
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 9.671 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Tgt Ion:105	Resp:	160327
Ion	Ratio	Lower Upper
105	100	
71	0.3	4.4 6.6#
51	4.5	22.3 33.5#
120	0.3	16.9 25.3#



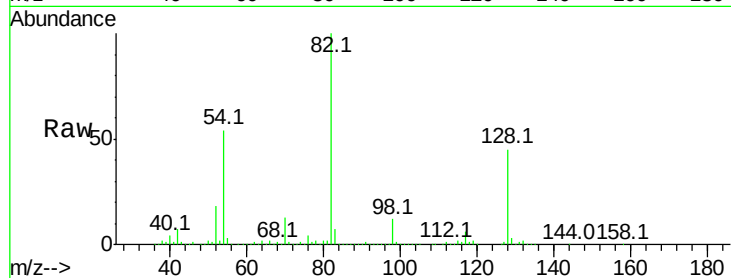


#23
 Nitrobenzene-d5
 Concen: 101.424 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

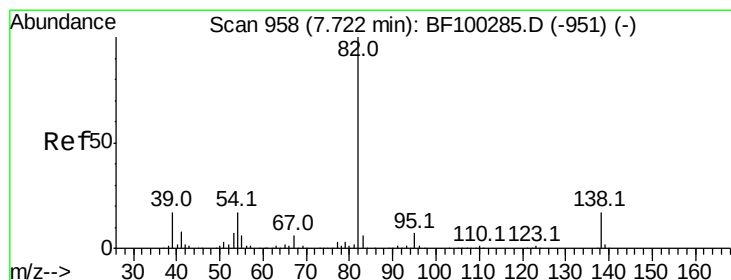
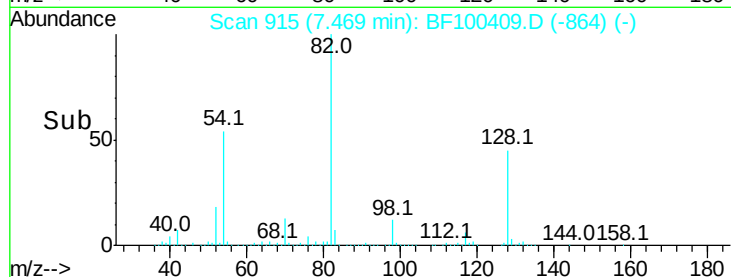
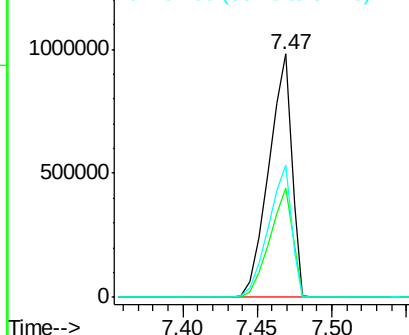
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1042960

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	54.3	41.4	62.2



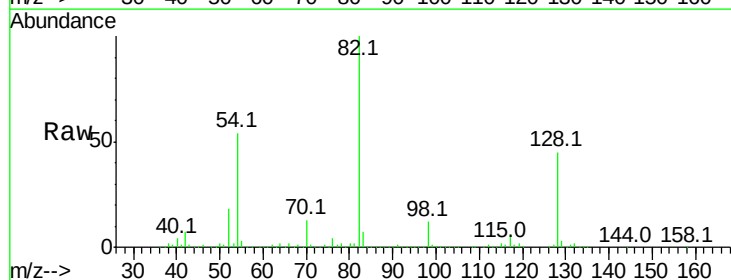
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



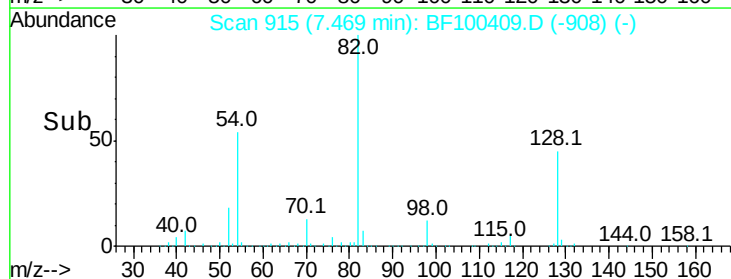
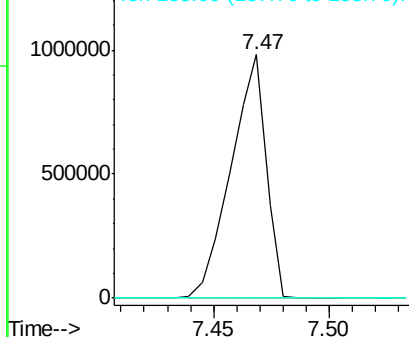
#25
 Isophorone
 Concen: 47.919 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.26 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

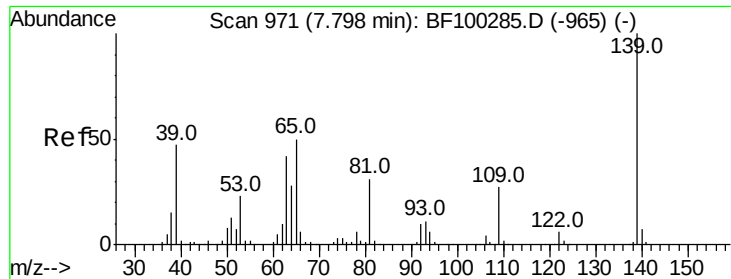
Tgt Ion: 82 Resp: 1035495

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

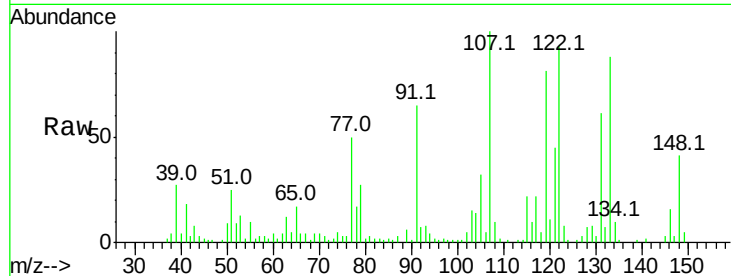




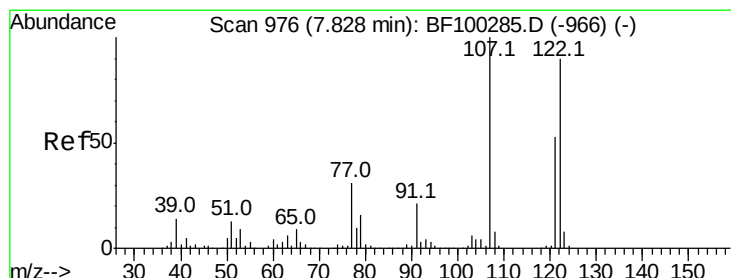
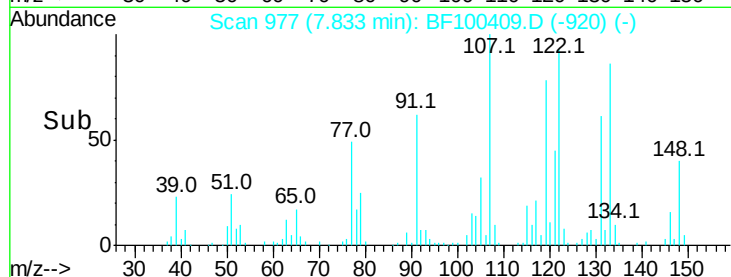
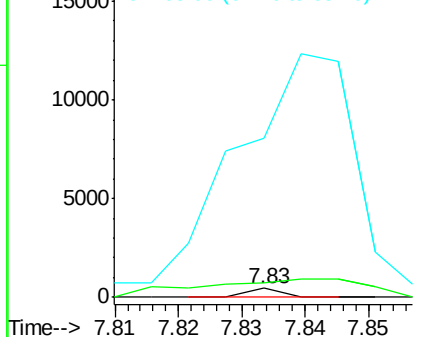
#26
2-Nitrophenol
Concen: 5.407 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.04 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 158
Ion Ratio Lower Upper
139 100
109 158.8 22.7 34.1#
65 1790.4 40.5 60.7#

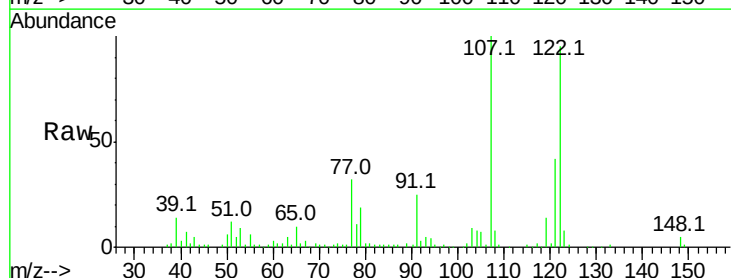


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

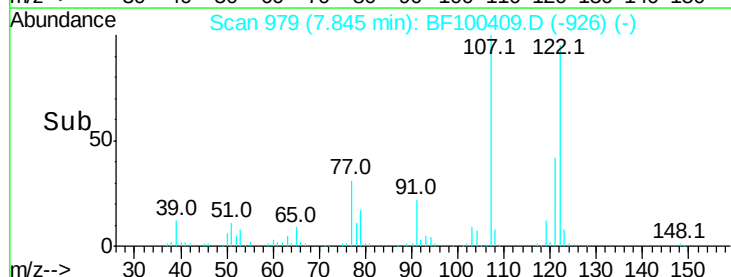
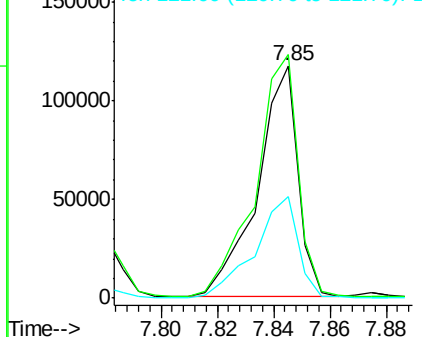


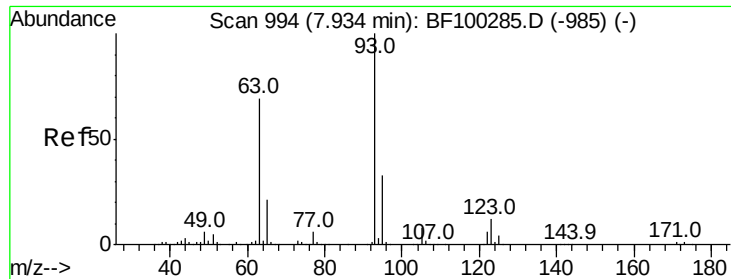
#27
2,4-Dimethylphenol
Concen: 12.075 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Tgt Ion:122 Resp: 116968
Ion Ratio Lower Upper
122 100
107 104.8 91.2 136.8
121 43.8 47.2 70.8#



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

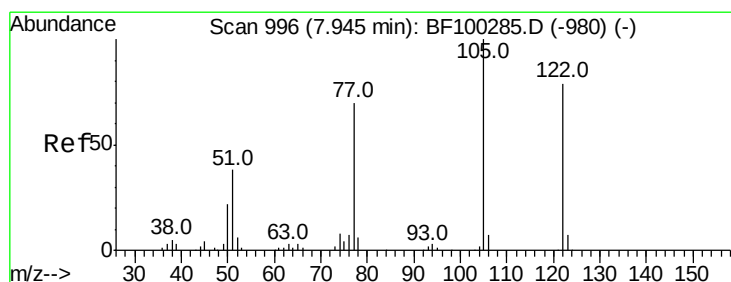
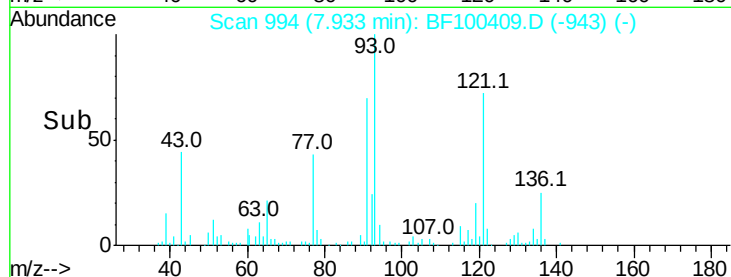
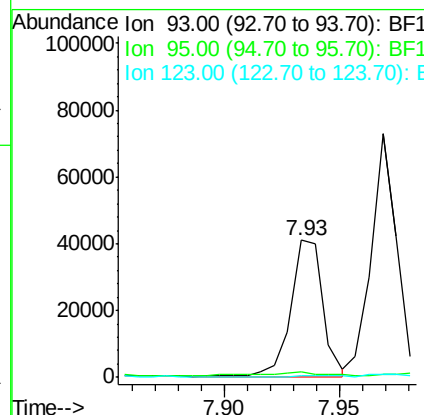
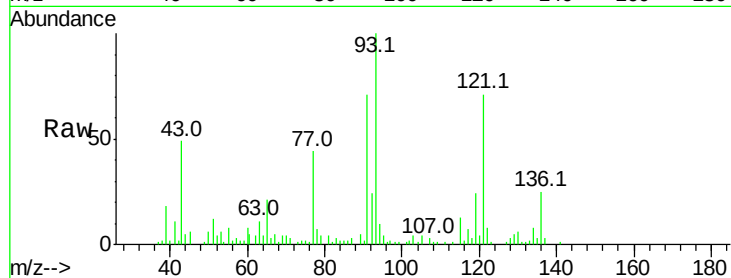




#28
bis(2-Chloroethoxy)methane
Concen: 2.839 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

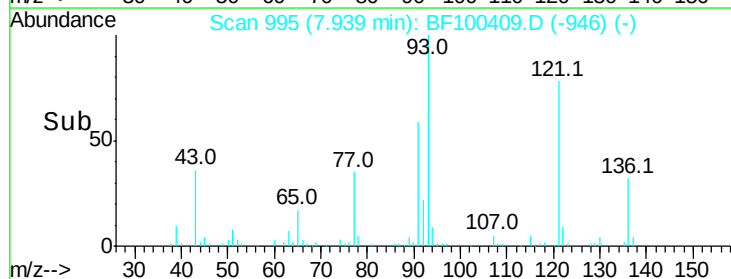
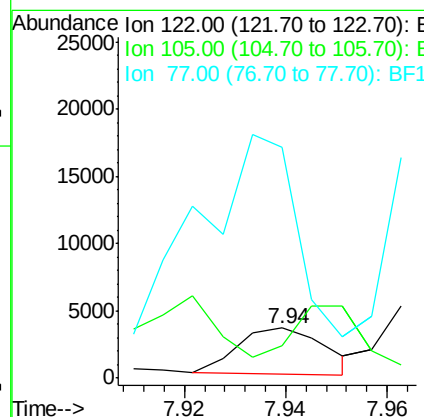
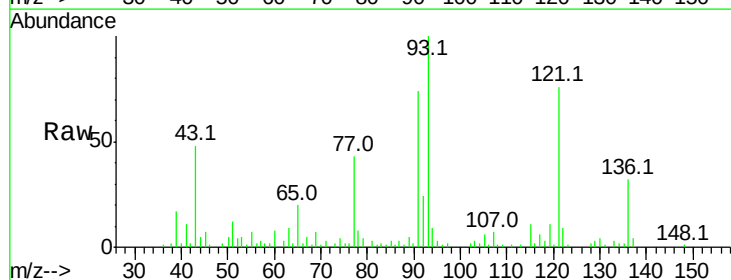
Instrument :
BNA_F
ClientSampled :

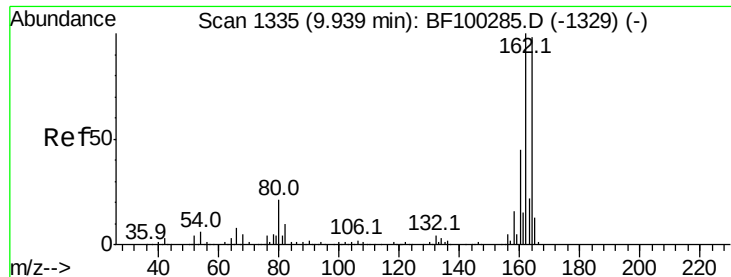
Tot Ion: 93 Resp: 40129
Ion Ratio Lower Upper
93 100
95 3.7 26.3 39.5#
123 1.1 9.8 14.6#



#32
Benzoic acid
Concen: 9.806 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Tgt Ion: 122 Resp: 4013
Ion Ratio Lower Upper
122 100
105 65.6 101.1 141.1#
77 460.4 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Instrument :

BNA_F

ClientSampleId :

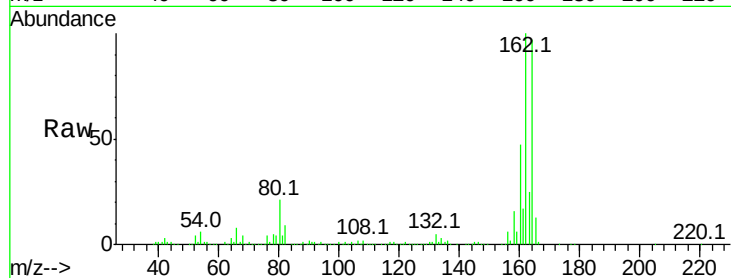
Tot Ion:164 Resp: 282811

Ion Ratio Lower Upper

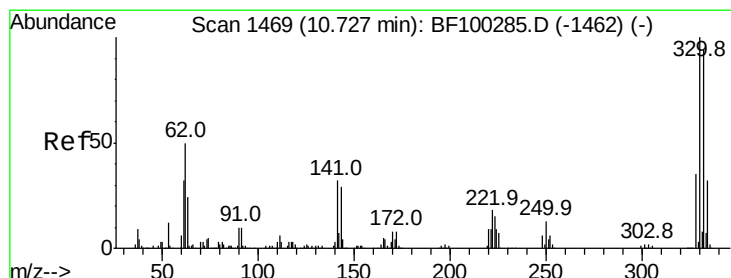
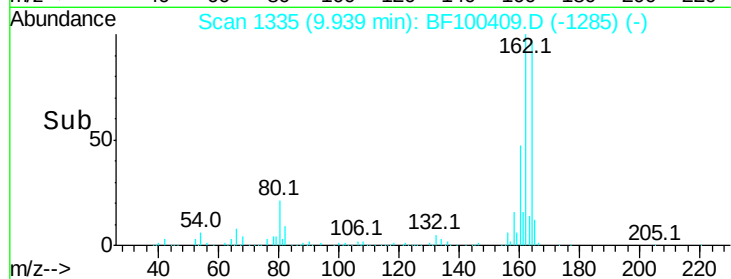
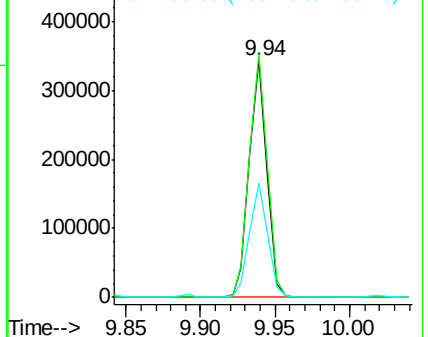
164 100

162 102.7 86.1 129.1

160 48.2 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 109.051 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

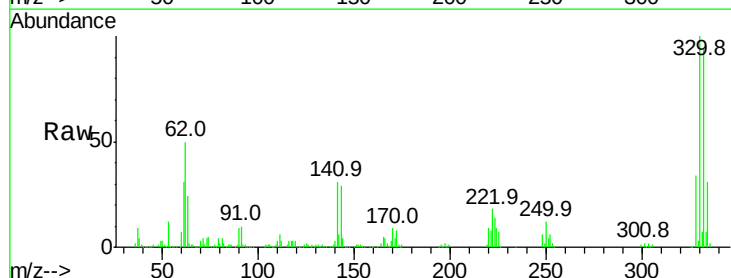
Tgt Ion:330 Resp: 314267

Ion Ratio Lower Upper

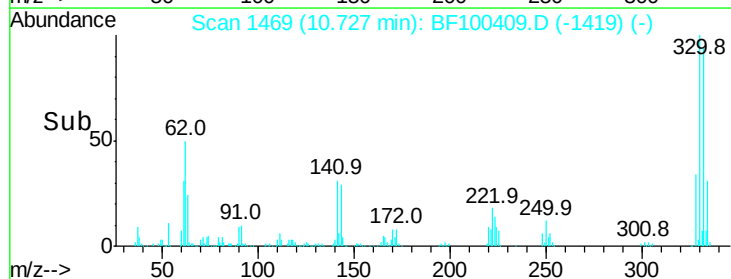
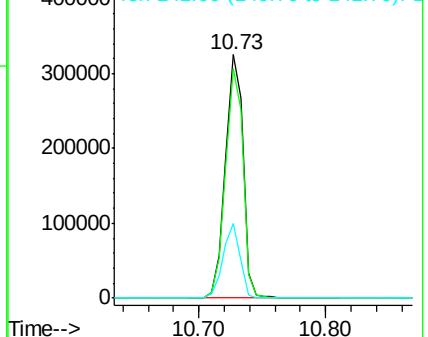
330 100

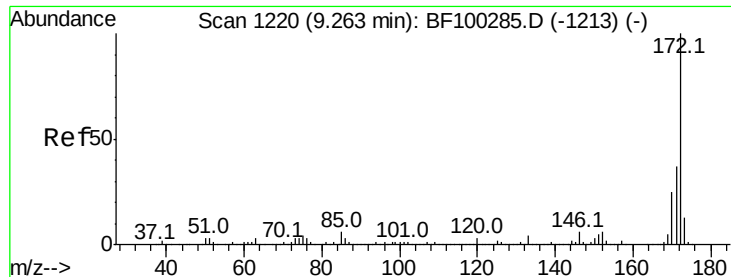
332 94.0 77.0 115.6

141 30.1 29.9 44.9



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



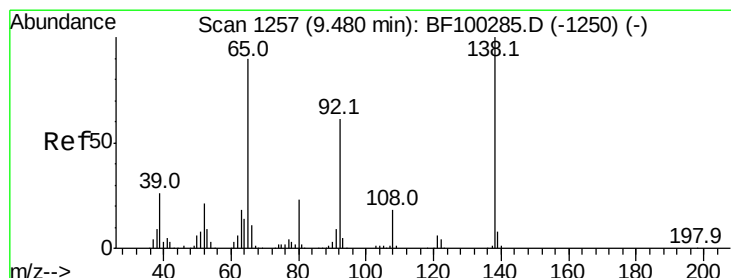
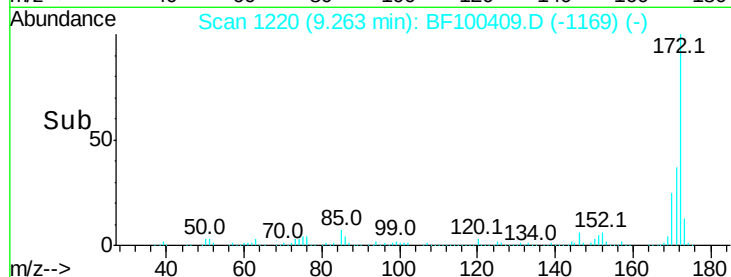
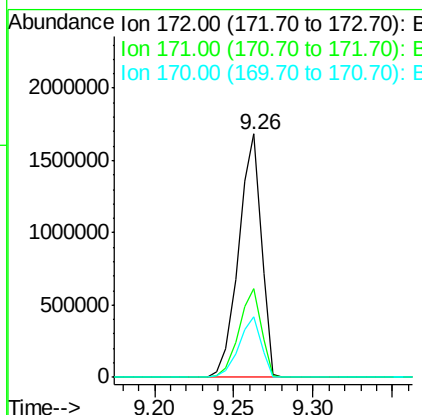
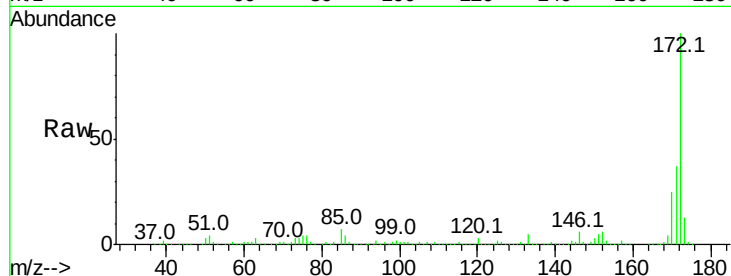


#44
 2-Fluorobiphenyl
 Concen: 89.496 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1662199

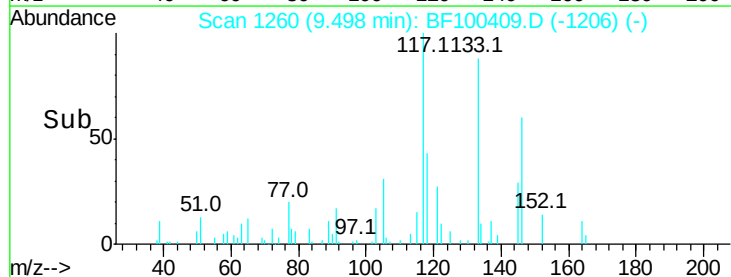
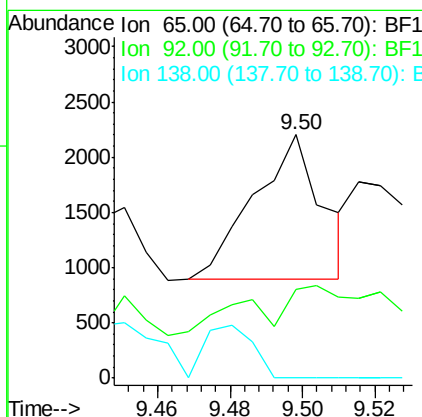
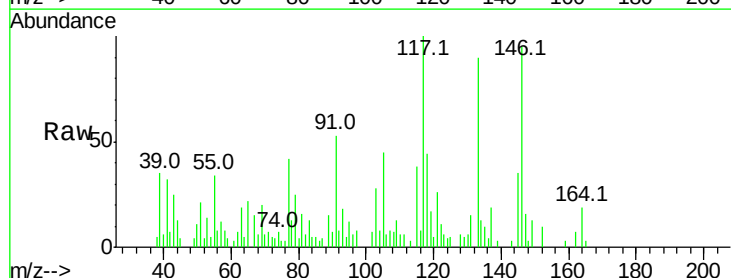
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4

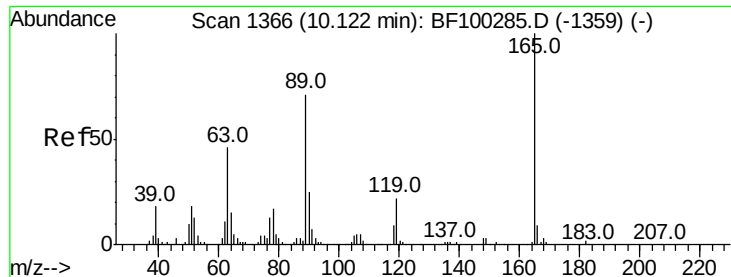


#47
 2-Nitroaniline
 Concen: 3.089 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.02 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Tgt Ion: 65 Resp: 1697

Ion	Ratio	Lower	Upper
65	100		
92	36.3	55.8	83.6#
138	0.0	91.2	136.8#

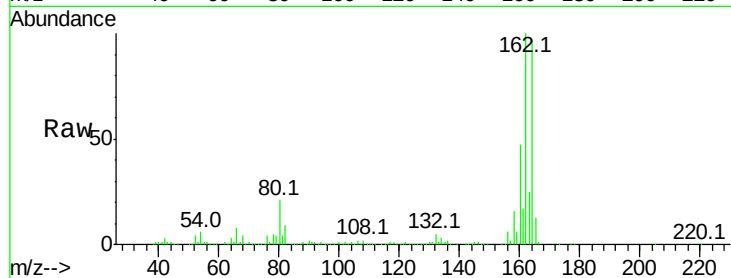




#56
 2,4-Dinitrotoluene
 Concen: 6.604 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

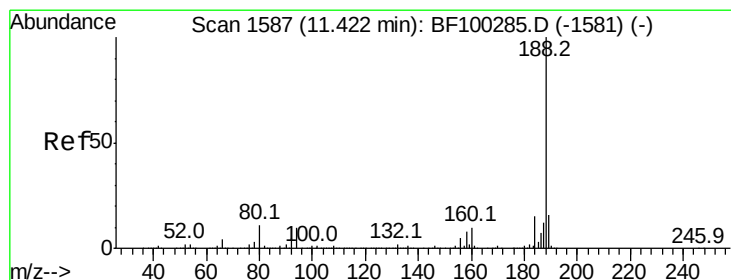
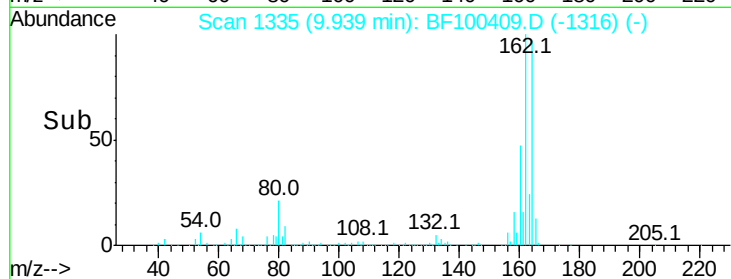
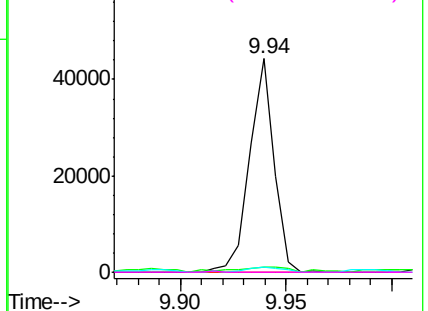


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

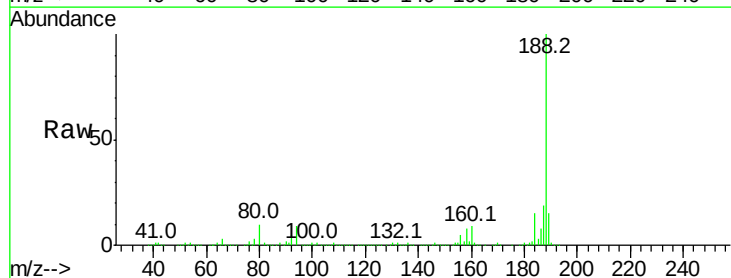
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

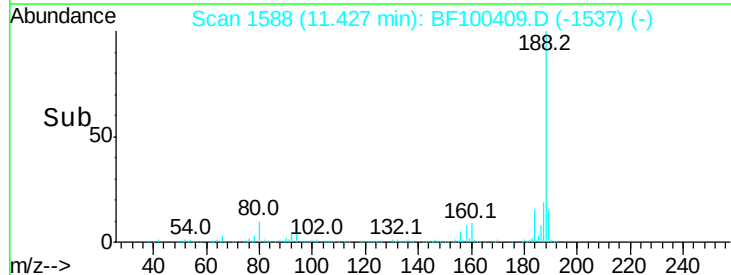
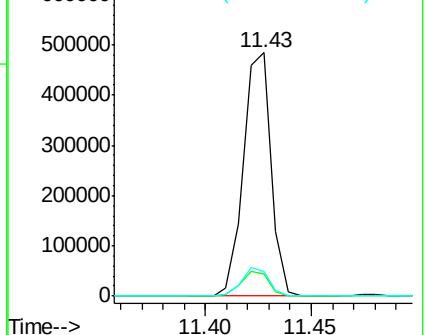
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.9	9.2	13.8

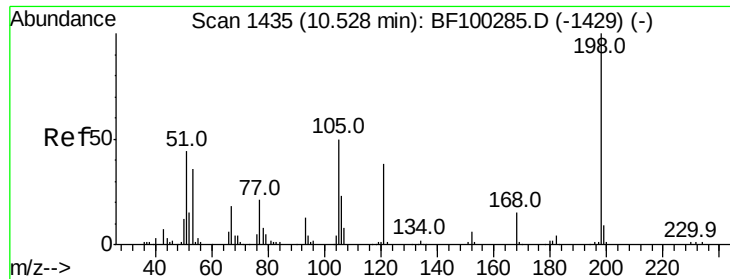


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

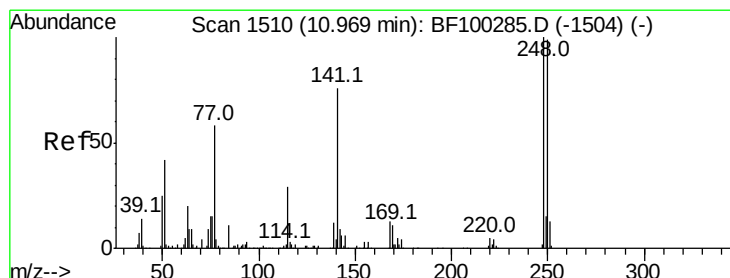
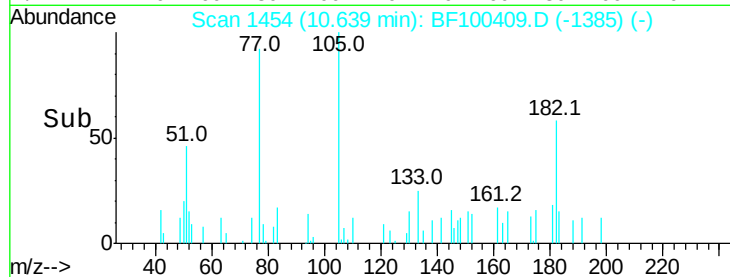
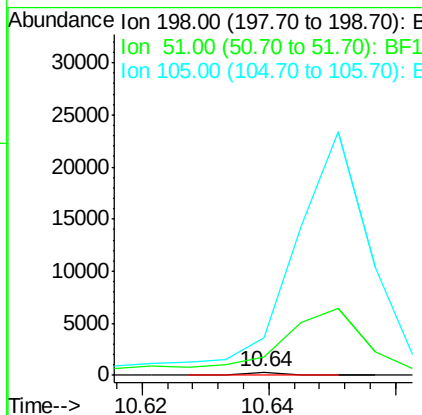
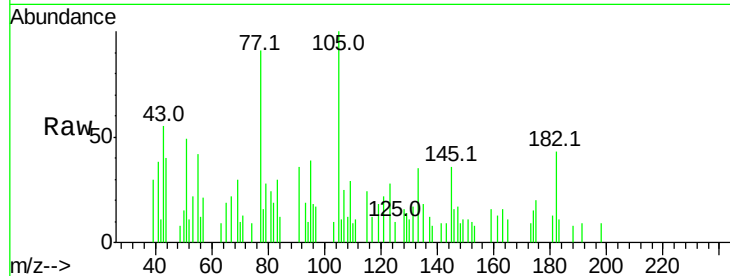




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.613 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.11 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

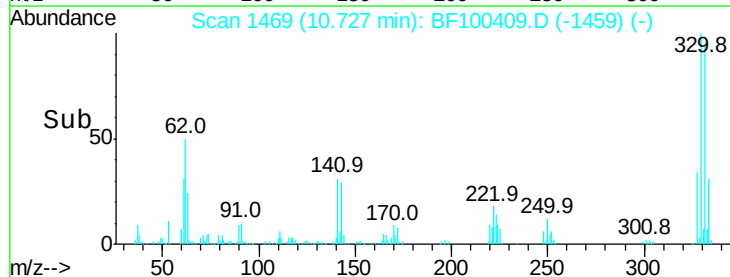
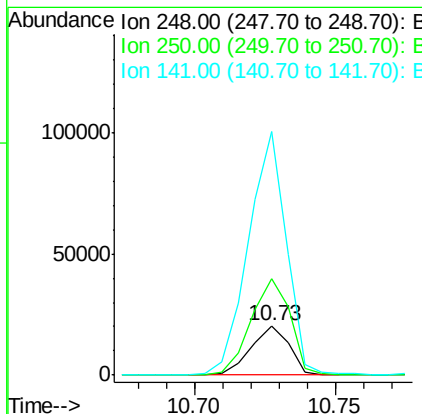
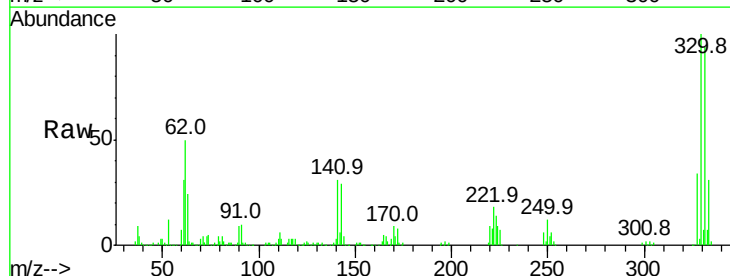
Instrument :
 BNA_F
 ClientSampleId :

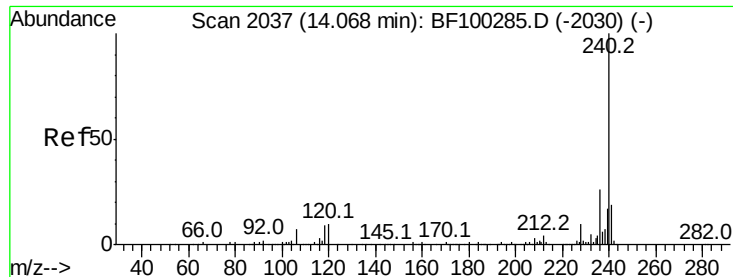
Tot Ion:198 Resp: 115
 Ion Ratio Lower Upper
 198 100
 51 546.6 37.7 77.7#
 105 1112.9 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.039 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Tgt Ion:248 Resp: 19039
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 495.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

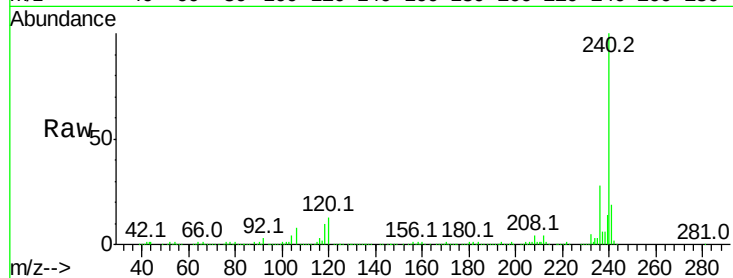
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 365297

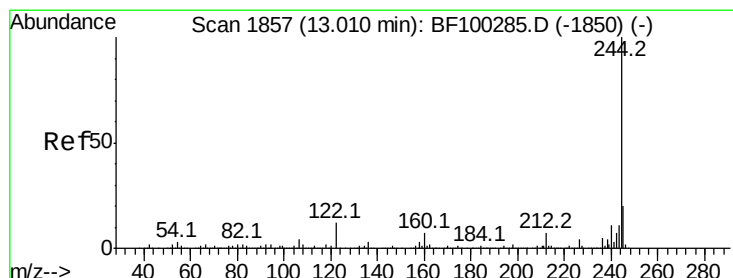
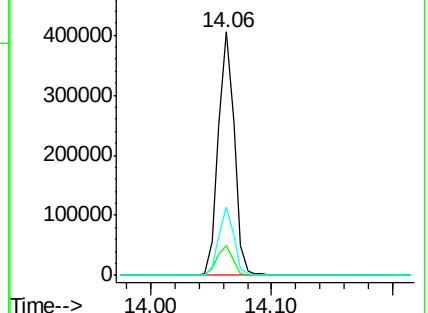
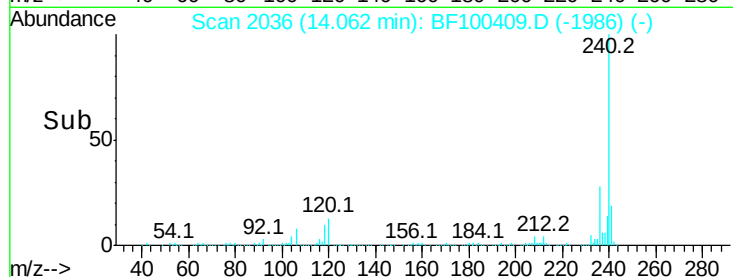
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	27.8	20.7	31.1



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



#78

Terphenyl-d14

Concen: 79.414 ng

RT: 13.01 min Scan# 1857

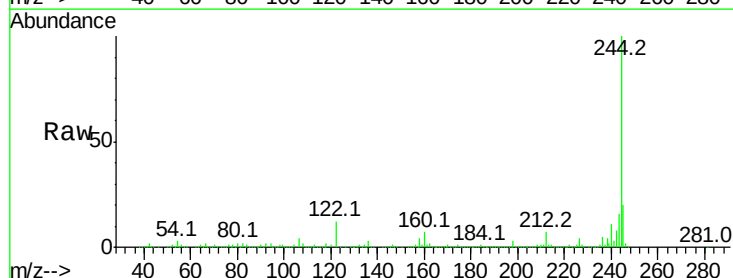
Delta R.T. -0.00 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Tgt Ion:244 Resp: 1262547

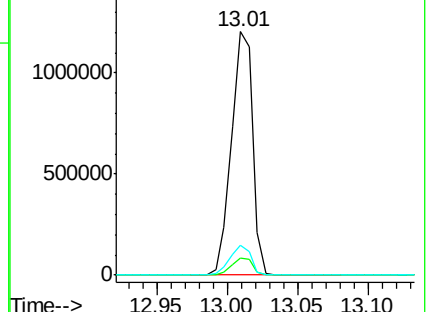
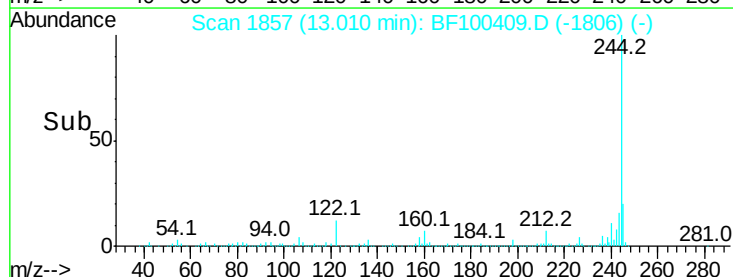
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

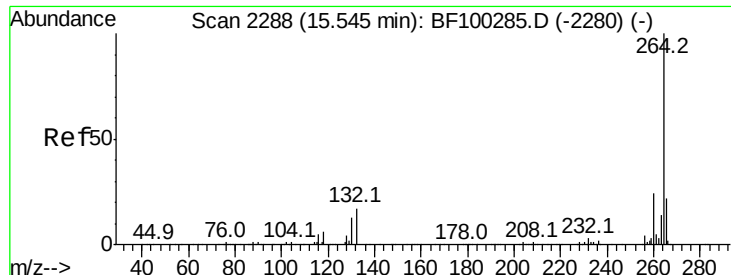


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

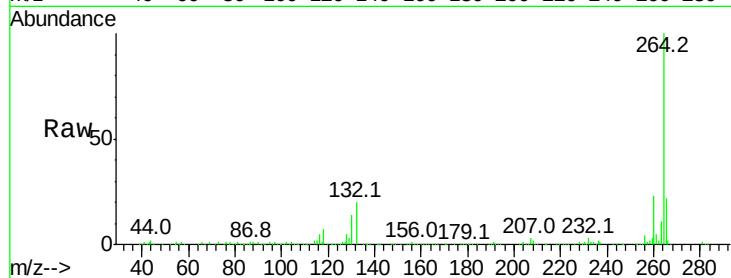




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3



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

