

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098556.D
 Acq On : 15 Sep 2017 4:29
 Operator : SJ/JU
 Sample : I5216-07 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-C

Quant Time: Sep 15 05:07:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

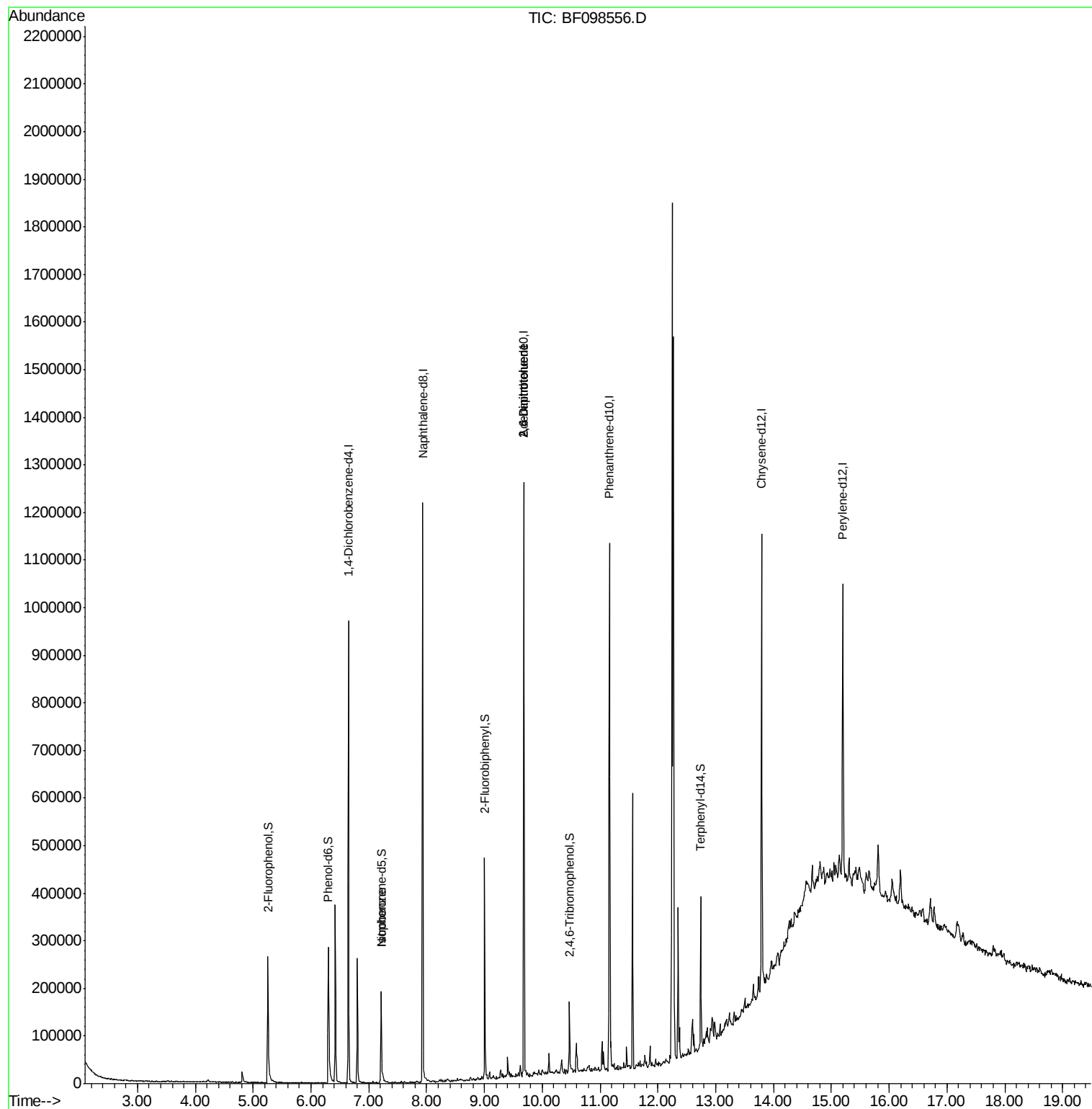
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	129990	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	533446	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	222226	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	352168	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	300496	20.00	ng	-0.02
86) Perylene-d12	15.20	264	251126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	92612	10.53	ng	-0.02
7) Phenol-d6	6.30	99	119363	10.69	ng	-0.02
23) Nitrobenzene-d5	7.22	82	67189	7.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	15451	10.42	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	128021	9.76	ng	-0.03
78) Terphenyl-d14	12.75	244	91431	6.57	ng	-0.02
Target Compounds						
25) Isophorone	7.22	82	67189	3.471	ng	# 67
50) 2,6-Dinitrotoluene	9.68	165	28803	8.151	ng	# 34
56) 2,4-Dinitrotoluene	9.68	165	28803	6.705	ng	# 33

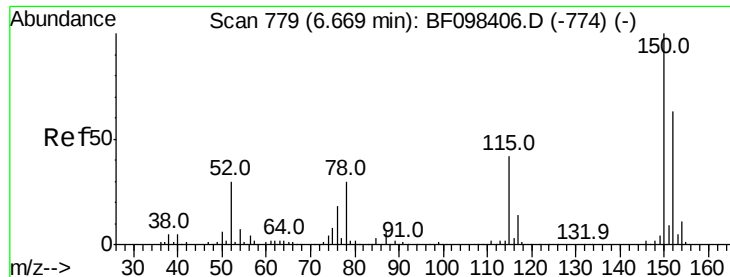
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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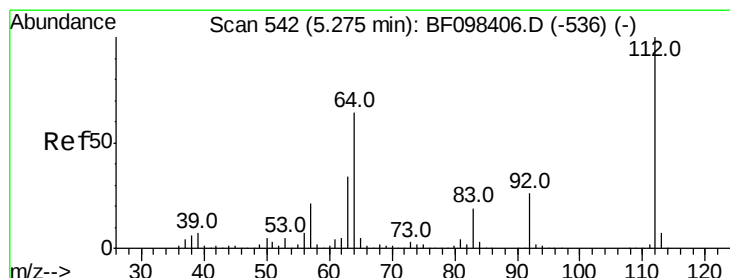
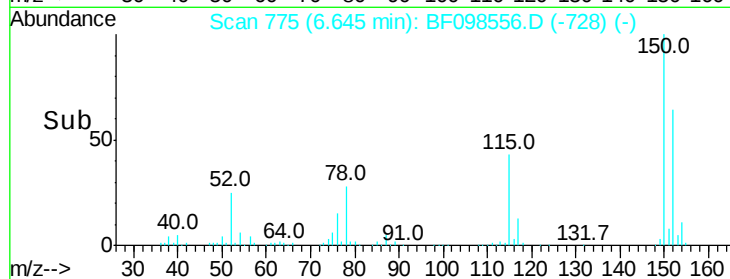
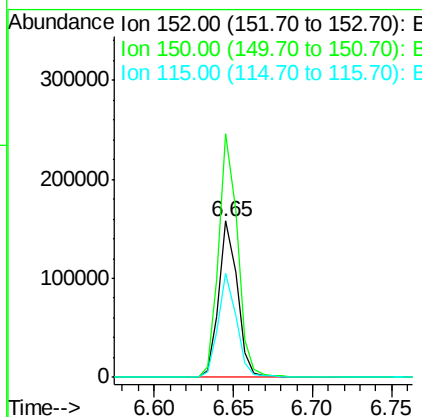
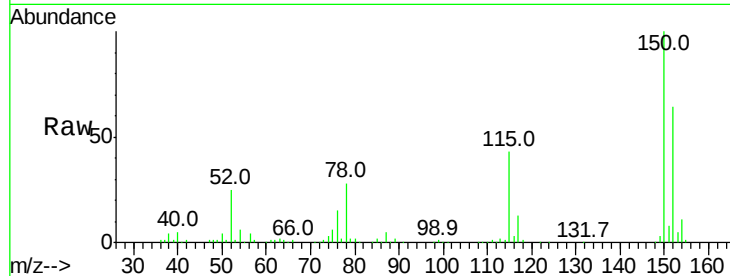


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-C

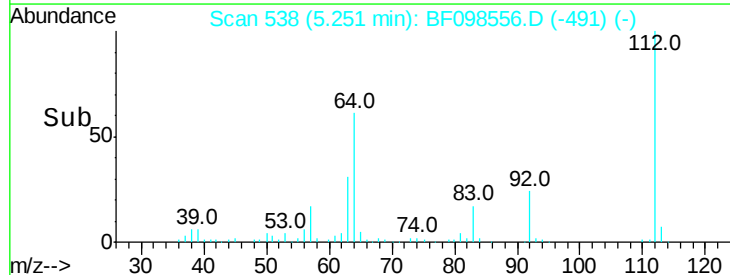
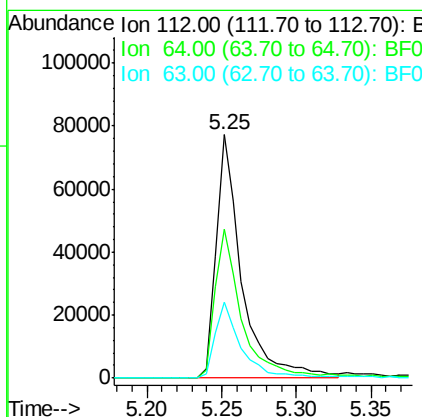
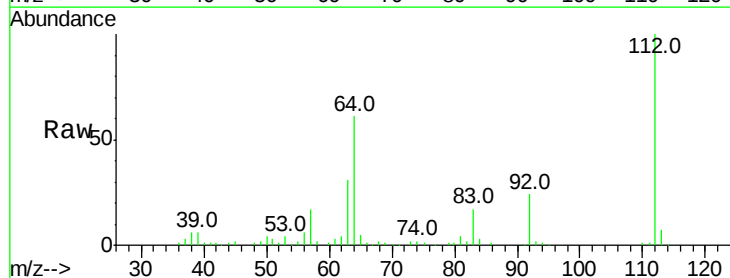
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	66.4	52.2	78.2



#5

2-Fluorophenol
 Concen: 10.534 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 10.693 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098556.D

Acq: 15 Sep 2017 4:29

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-C

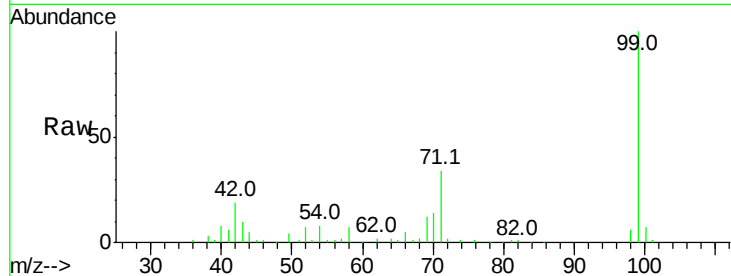
Tot Ion: 99 Resp: 119363

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

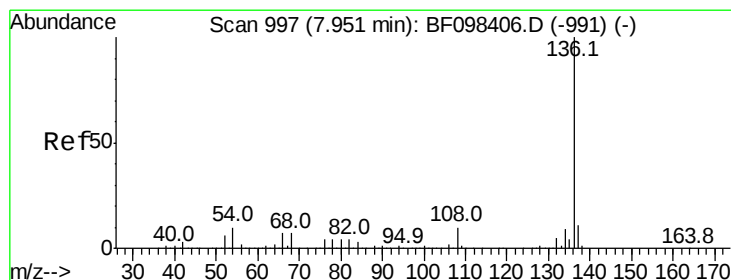
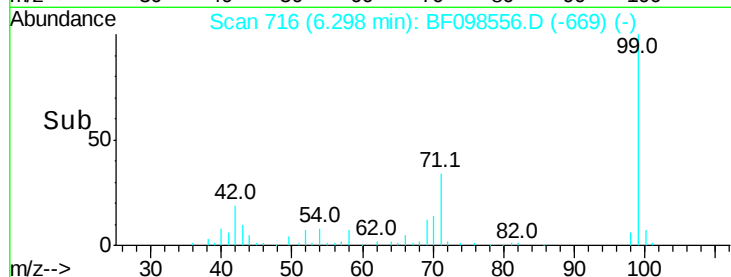
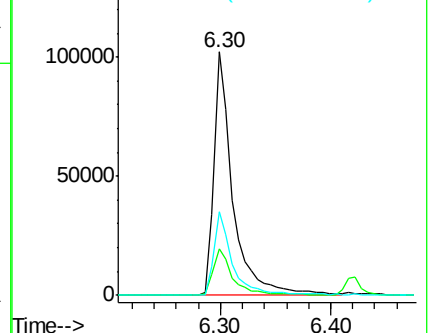
71 34.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098556.D

Acq: 15 Sep 2017 4:29

Tgt Ion: 136 Resp: 533446

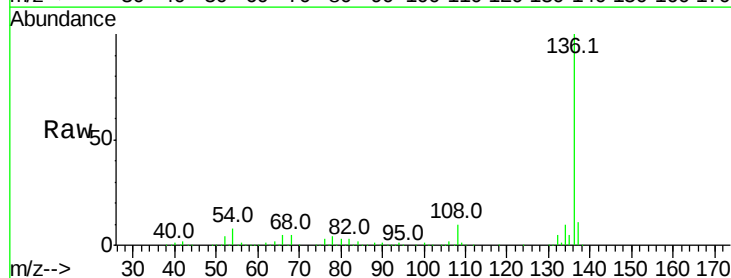
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.2 4.9 7.3#

68 5.3 4.1 6.1

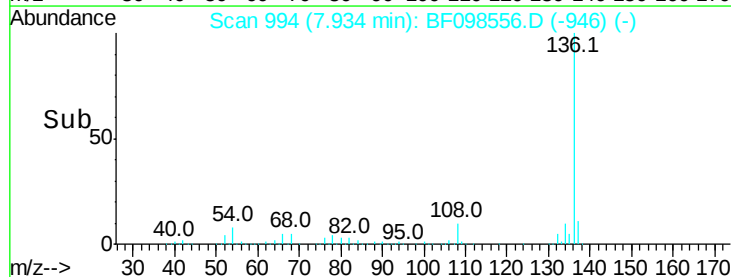
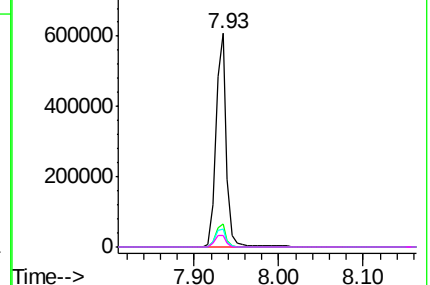


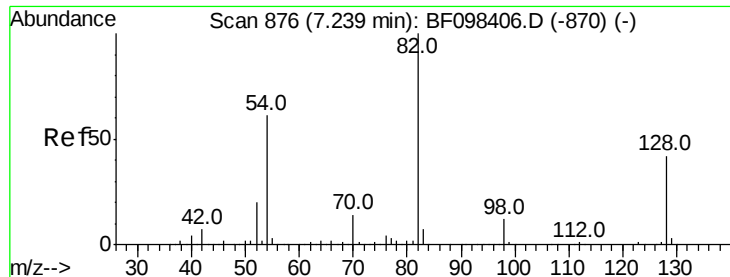
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

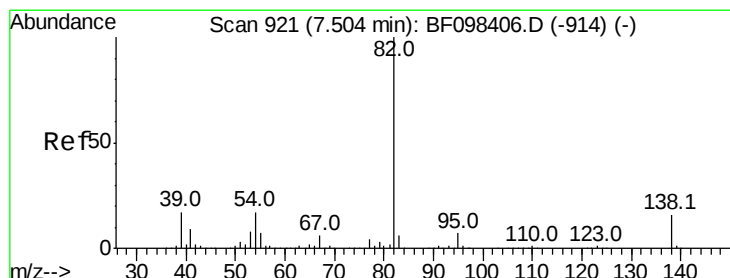
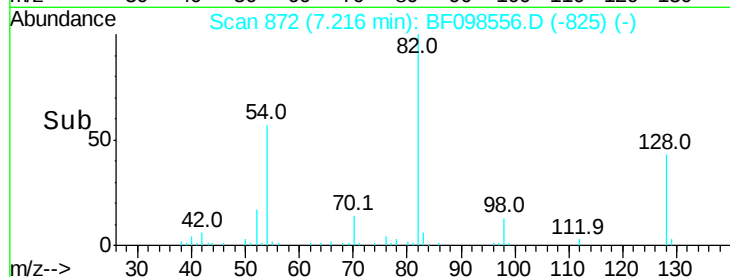
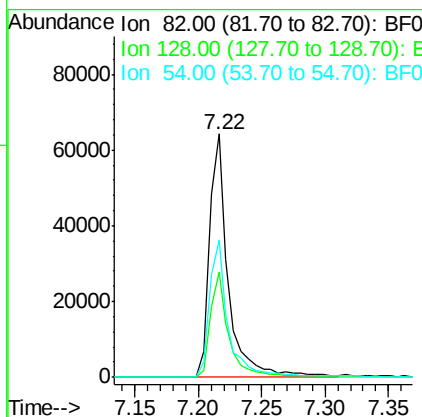
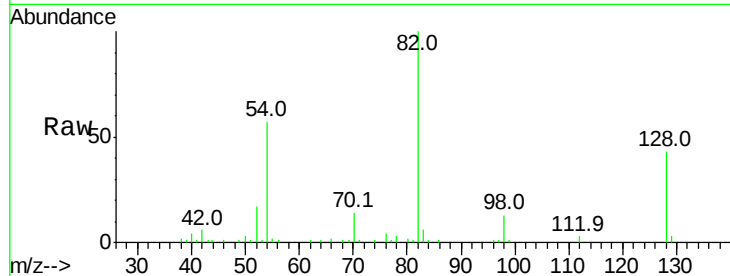




#23
Nitrobenzene-d5
Concen: 7.022 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

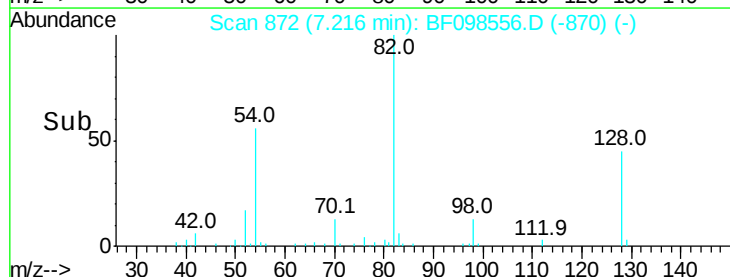
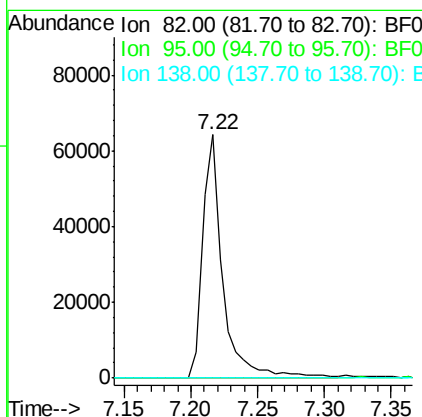
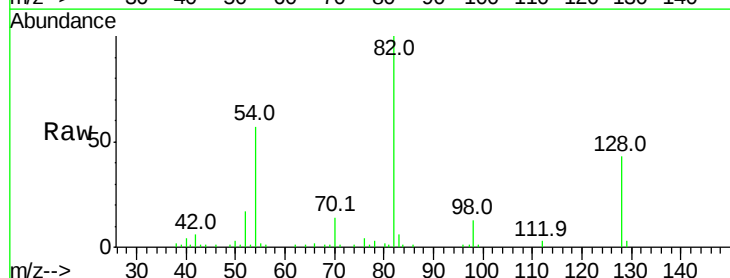
Instrument :
BNA_F
ClientSampleId :
EO-02-091217-C

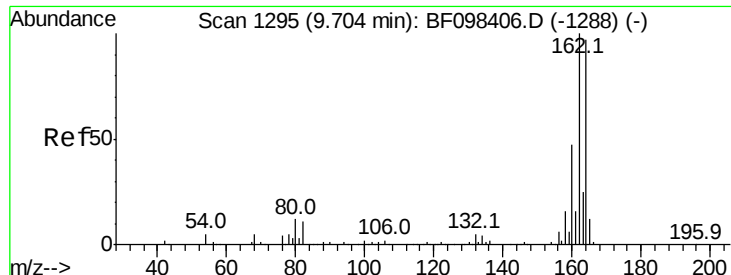
Tot Ion: 82 Resp: 67189
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 56.5 42.2 63.2



#25
Isophorone
Concen: 3.471 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.29 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

Tgt Ion: 82 Resp: 67189
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

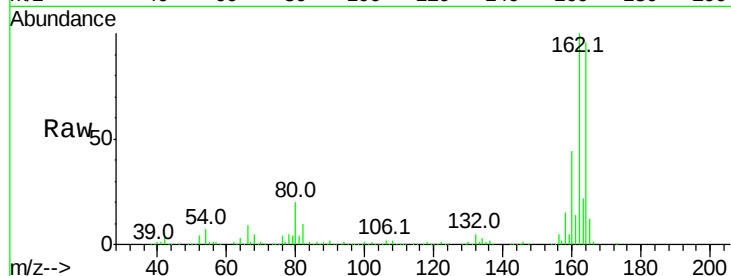




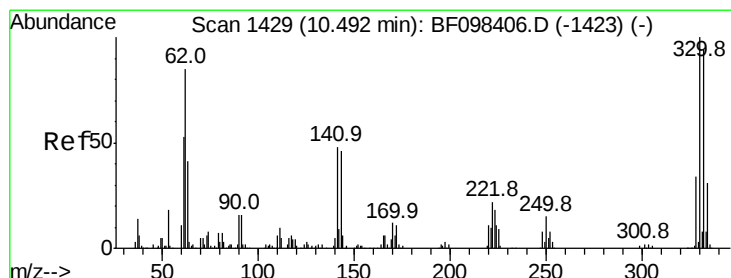
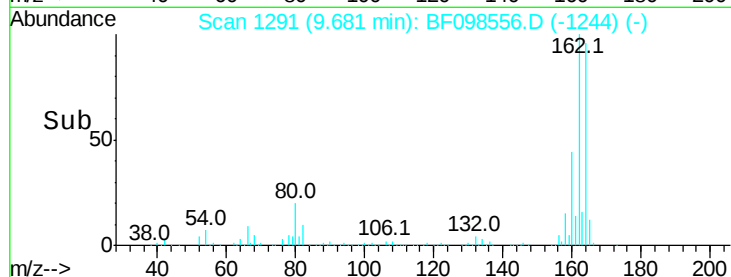
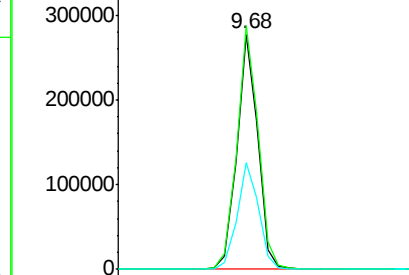
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.3	36.2	54.2

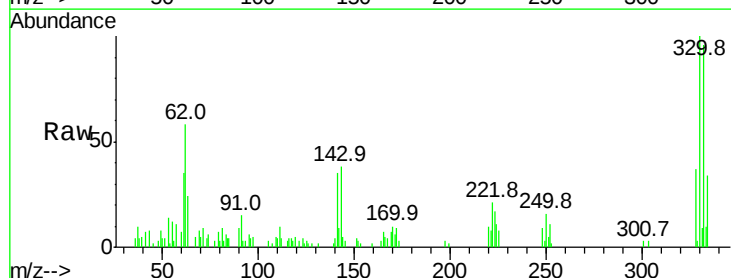


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

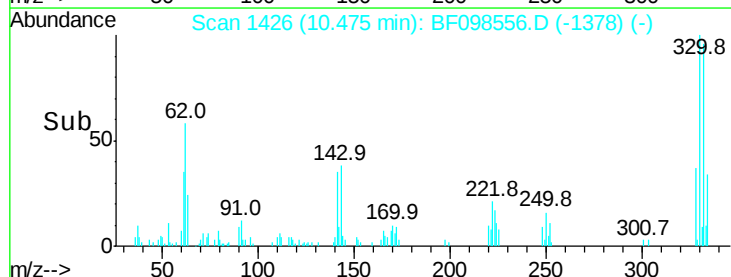
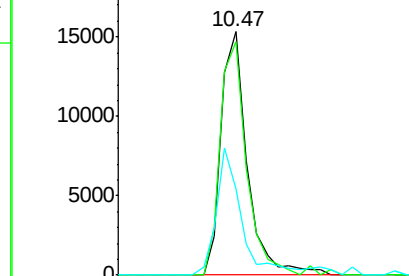


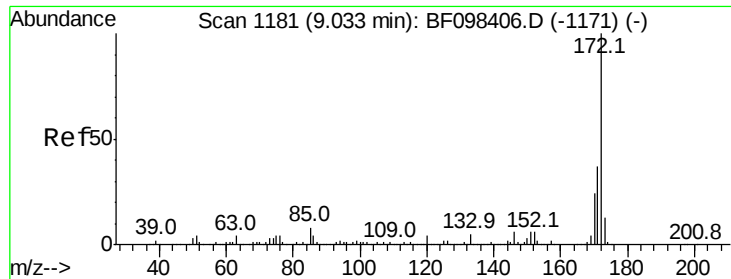
#41
 2,4,6-Tribromophenol
 Concen: 10.417 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	49.7	31.4	47.2#



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

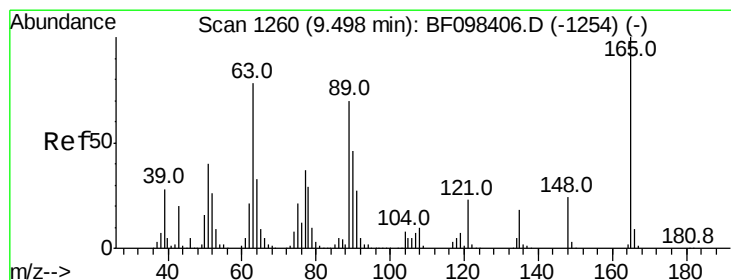
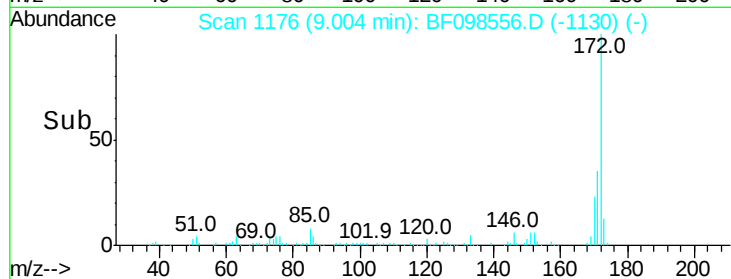
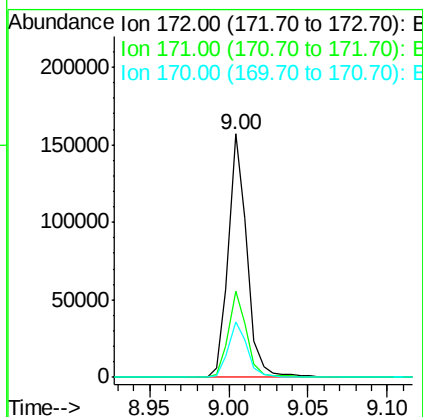
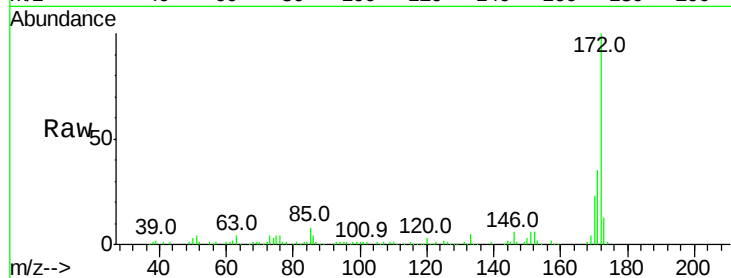




#44
2-Fluorobiphenyl
Concen: 9.764 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

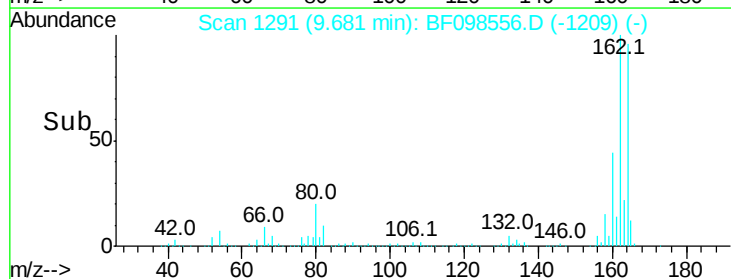
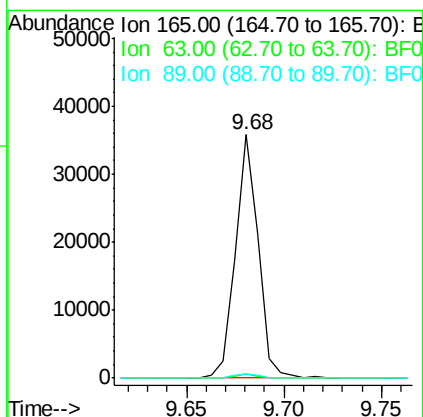
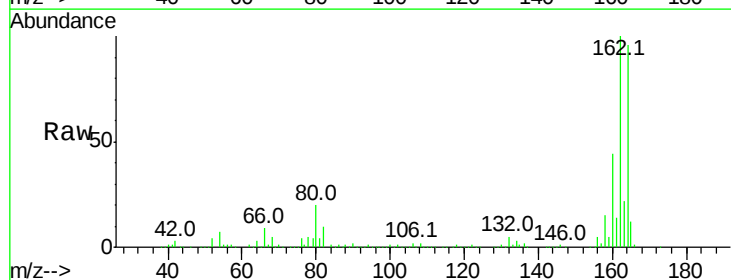
Instrument :
BNA_F
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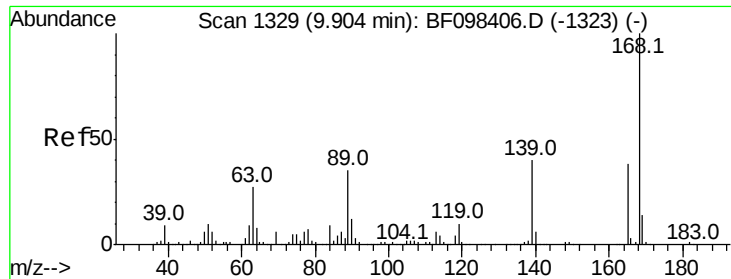
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.7	19.8	29.8



#50
2,6-Dinitrotoluene
Concen: 8.151 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.18 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.6	37.1	55.7#

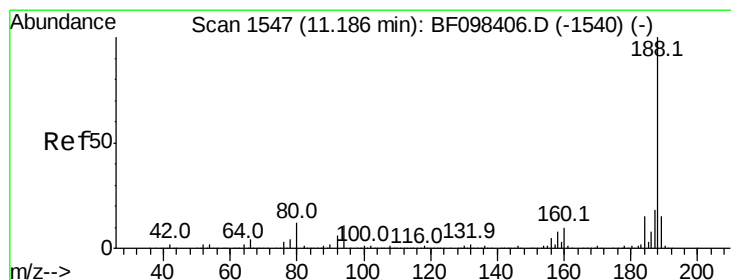
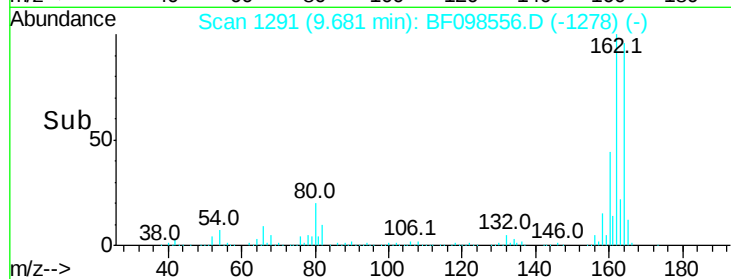
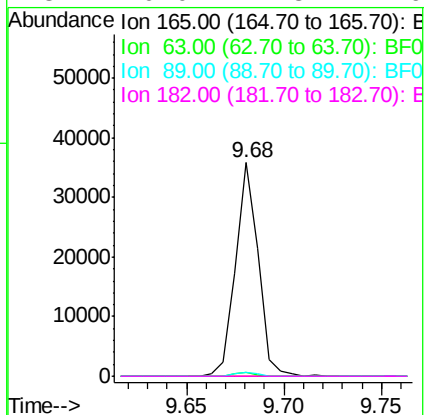
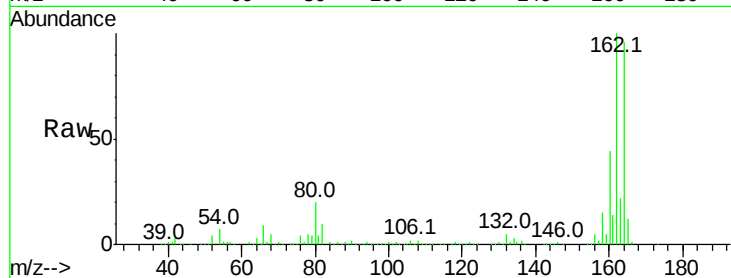




#56
 2,4-Dinitrotoluene
 Concen: 6.705 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.22 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

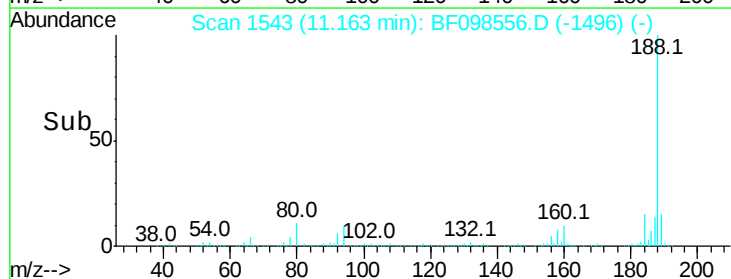
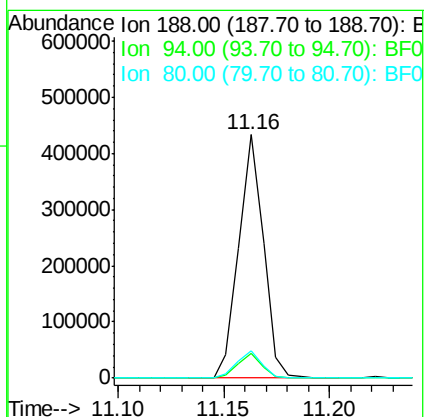
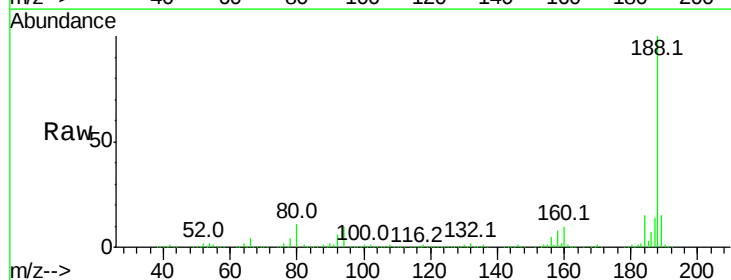
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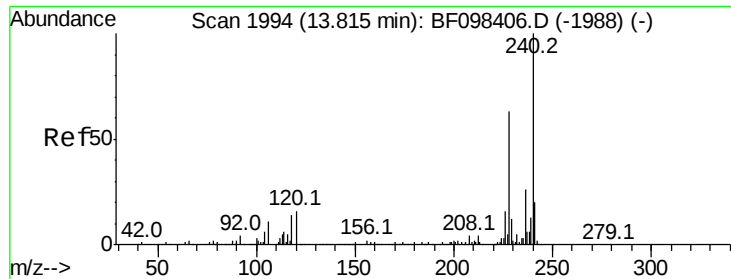
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098556.D

Acq: 15 Sep 2017 4:29

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-C

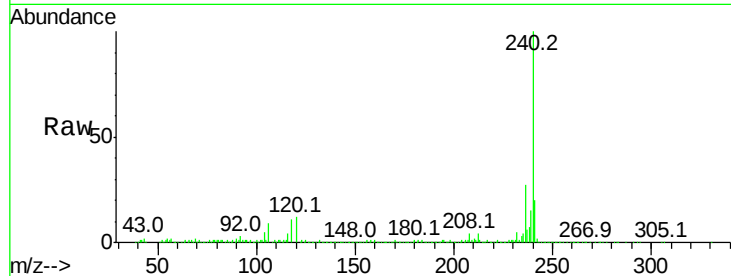
Tot Ion:240 Resp: 300496

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

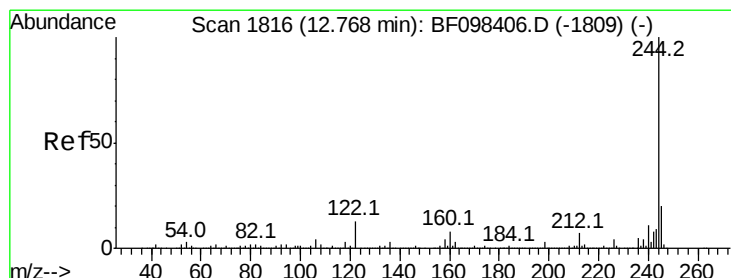
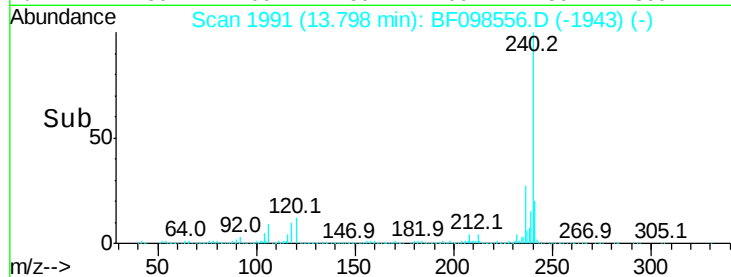
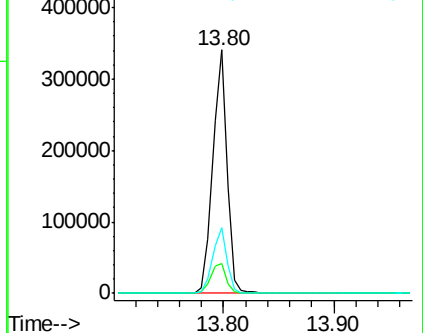
236 27.2 20.5 30.7



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: 6.567 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098556.D

Acq: 15 Sep 2017 4:29

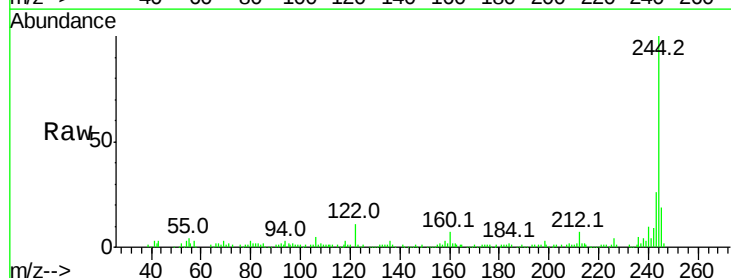
Tgt Ion:244 Resp: 91431

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

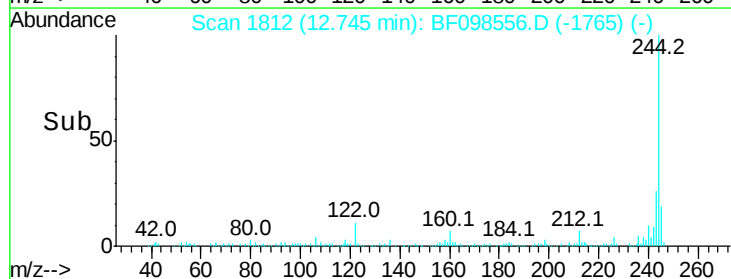
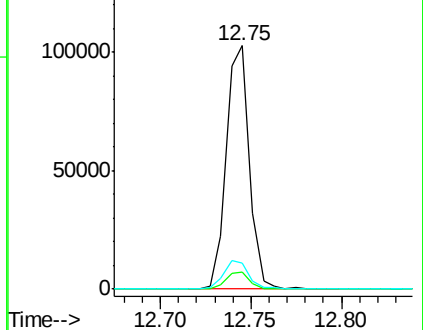
122 10.9 10.3 15.5

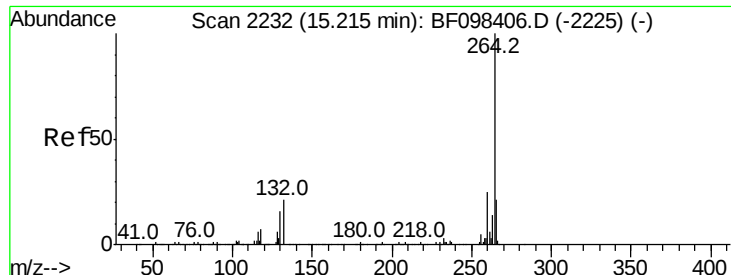


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

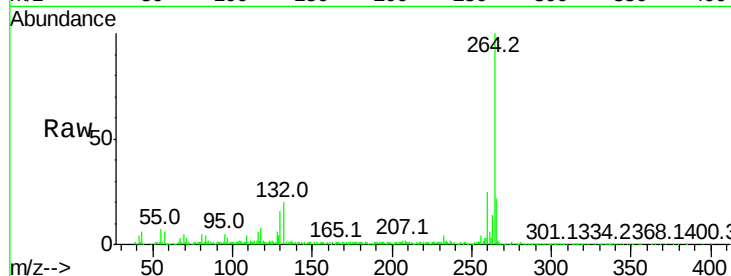




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

Instrument :
BNA_F
ClientSampleId :
EO-02-091217-C

Tot Ion:	264	Resp:	251126
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	22.3	17.2	25.8



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

