

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098555.D
 Acq On : 15 Sep 2017 4:00
 Operator : SJ/JU
 Sample : I5216-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 15 05:07:30 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

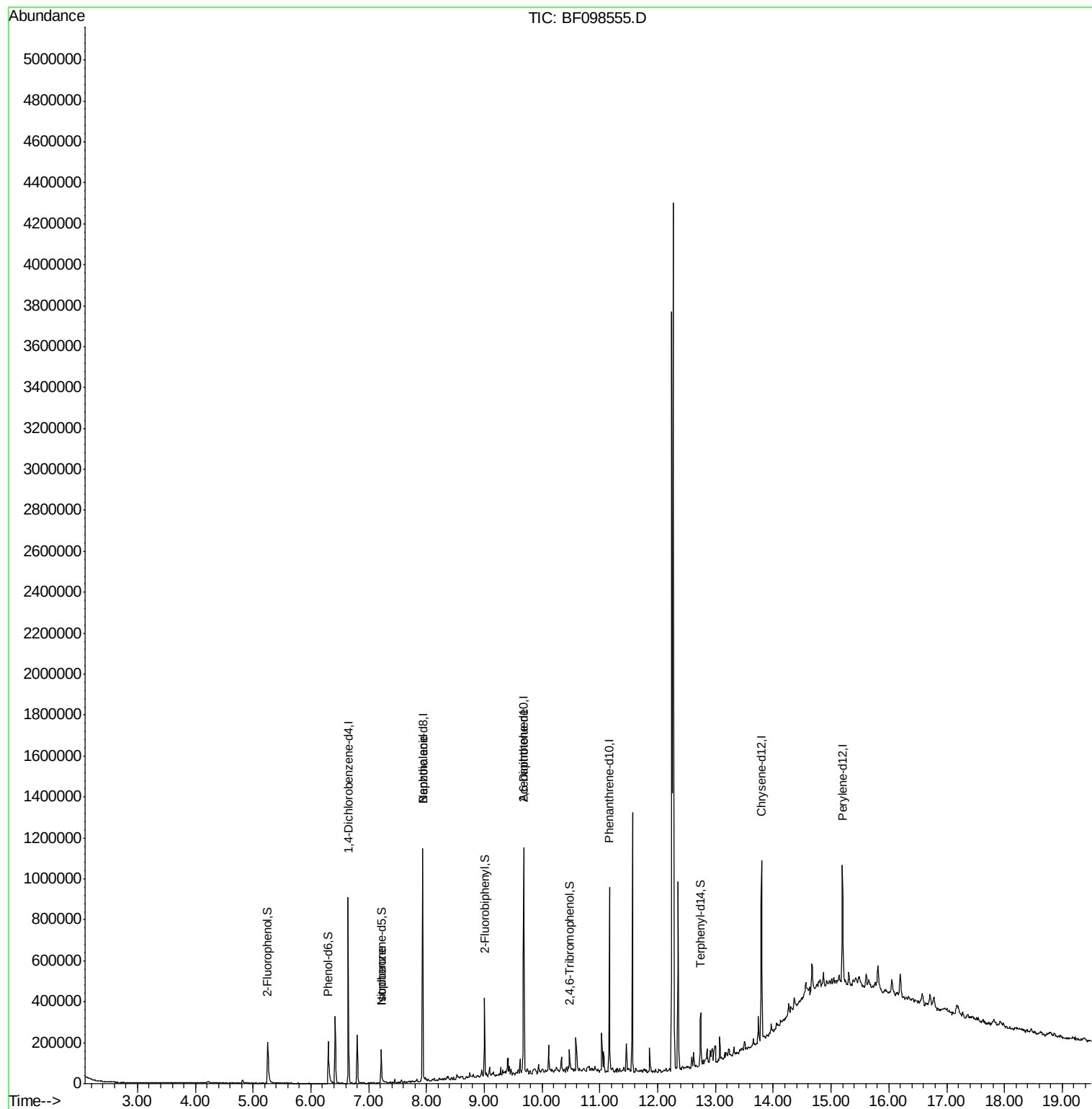
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	124576	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	496309	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	190667	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	290899	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	273516	20.00	ng	-0.02
86) Perylene-d12	15.20	264	229461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	81106	9.63	ng	-0.02
7) Phenol-d6	6.30	99	101550	9.49	ng	-0.02
23) Nitrobenzene-d5	7.22	82	56148	6.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	11178	8.78	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	105394	9.37	ng	-0.03
78) Terphenyl-d14	12.74	244	71194	5.62	ng	-0.02
Target Compounds						
25) Isophorone	7.22	82	56156	3.118	ng	# 67
32) Benzoic acid	7.93	122	110	7.987	ng	# 1
50) 2,6-Dinitrotoluene	9.68	165	24785	8.175	ng	# 35

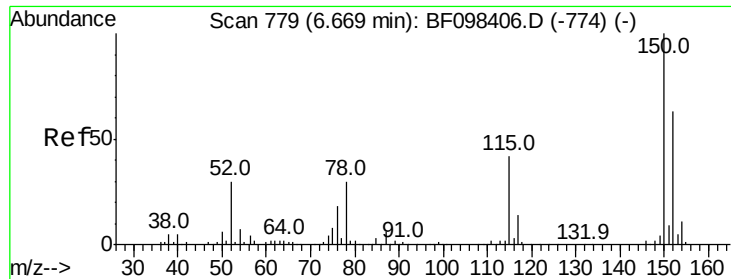
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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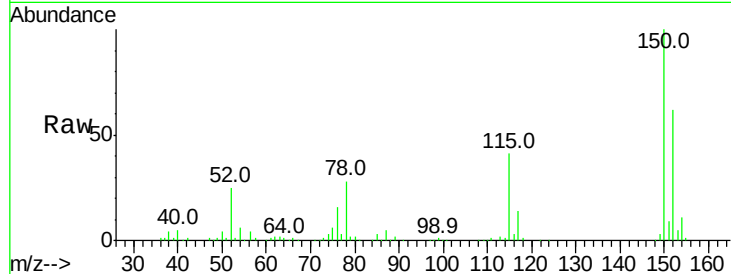


#1

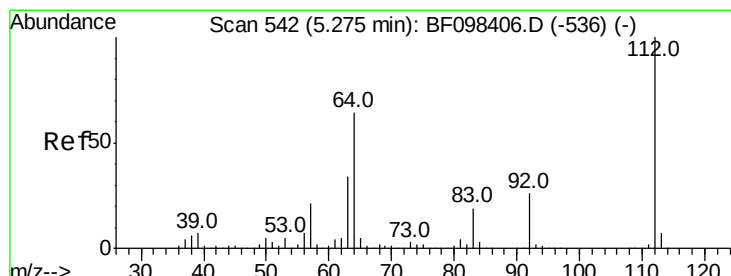
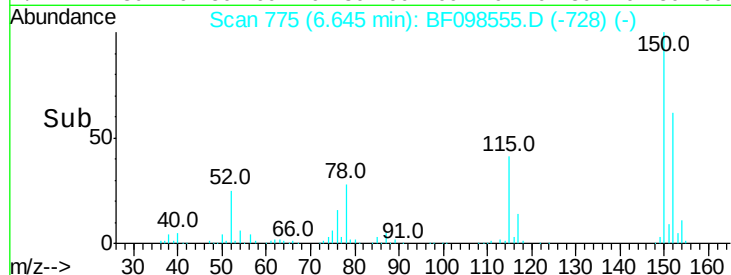
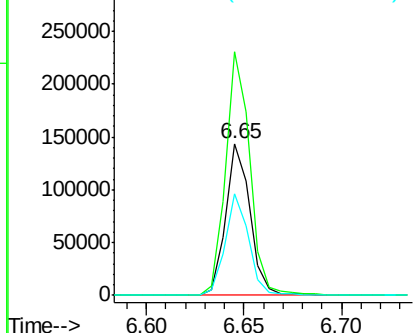
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	66.4	52.2	78.2



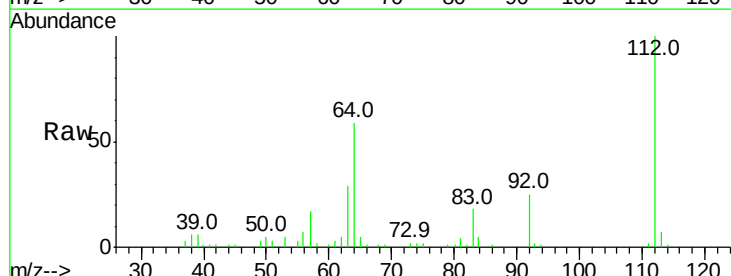
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



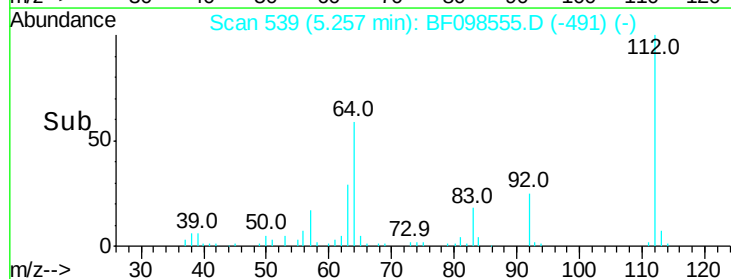
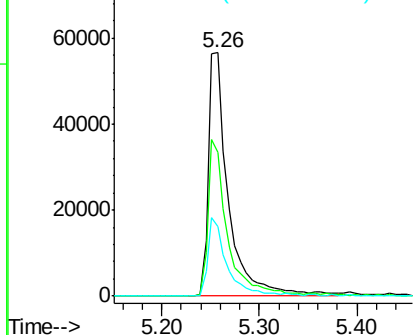
#5

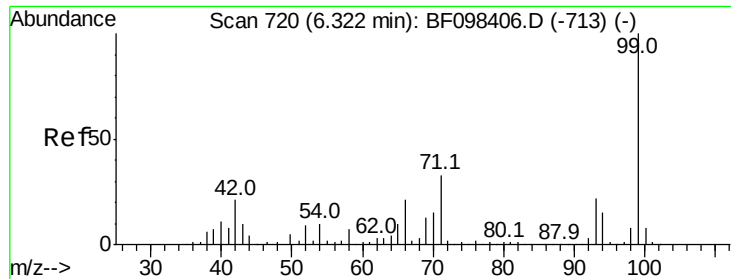
2-Fluorophenol
Concen: 9.626 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	28.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.493 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-B

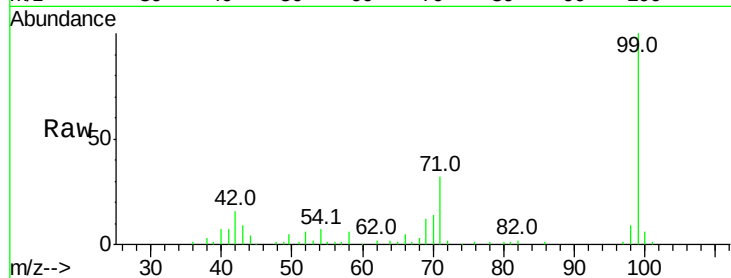
Tot Ion: 99 Resp: 101550

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

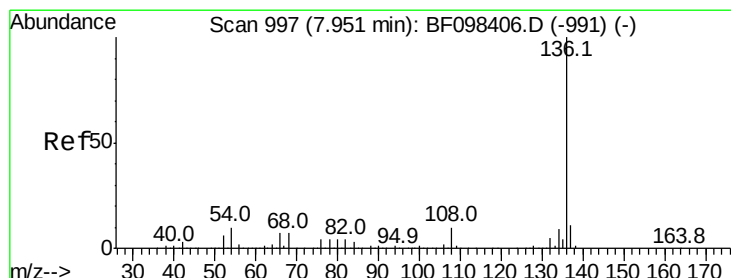
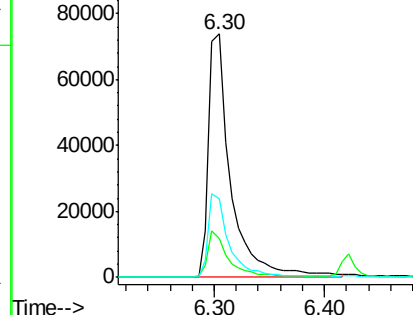
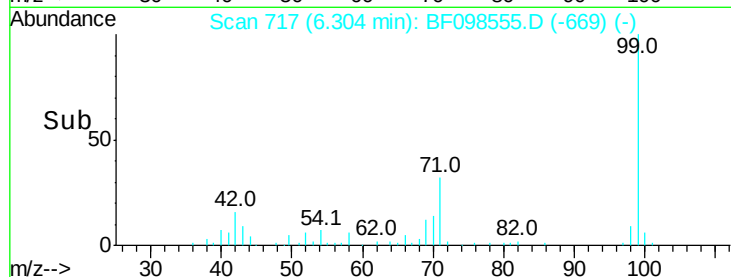
71 32.1 24.5 36.7



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: BF098555.D

Acq: 15 Sep 2017 4:00

Tgt Ion: 136 Resp: 496309

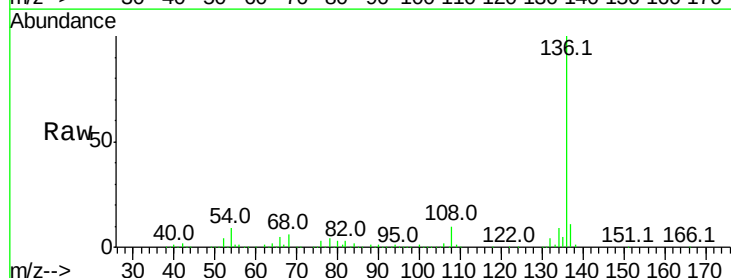
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.7 4.9 7.3#

68 5.5 4.1 6.1

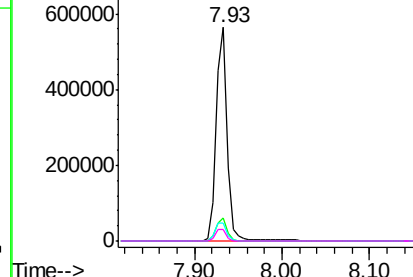
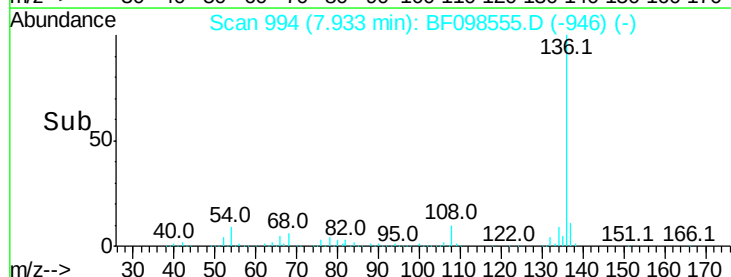


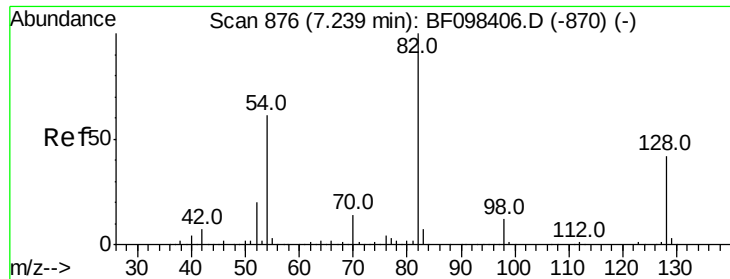
Abundance Ion 136.00 (135.70 to 136.70): E

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

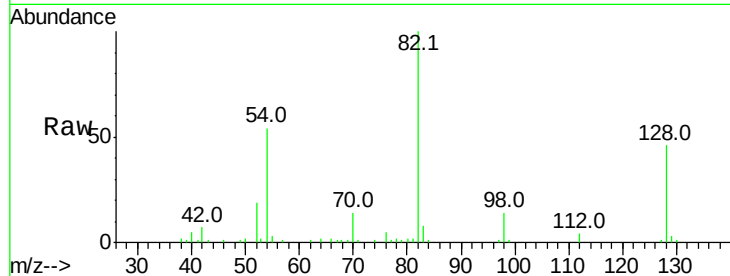




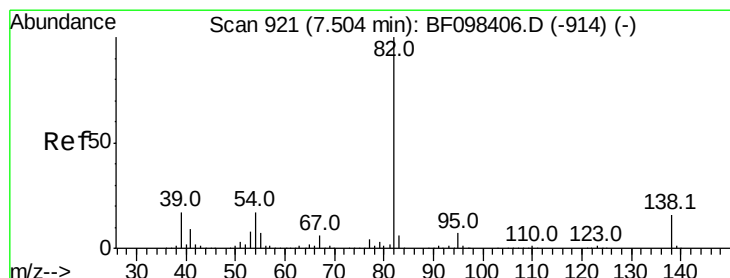
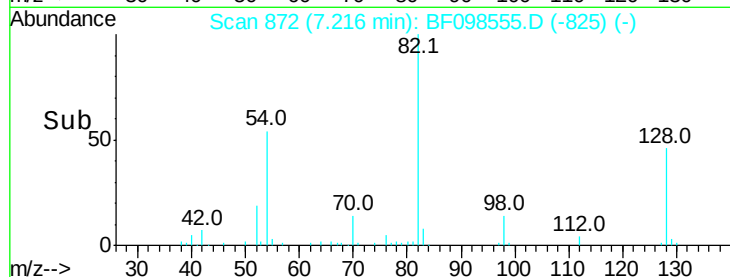
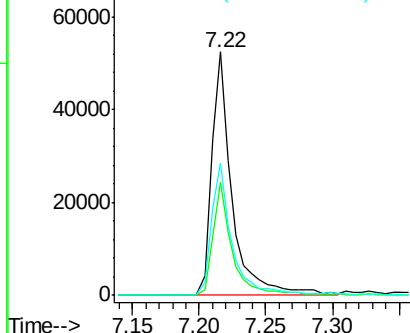
#23
 Nitrobenzene-d5
 Concen: 6.307 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

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

Tot Ion	82	Resp	56148
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	54.4	42.2	63.2

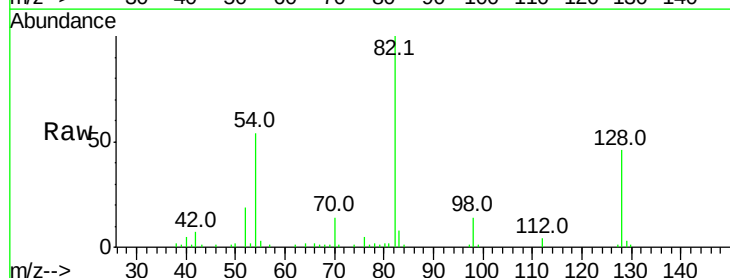


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

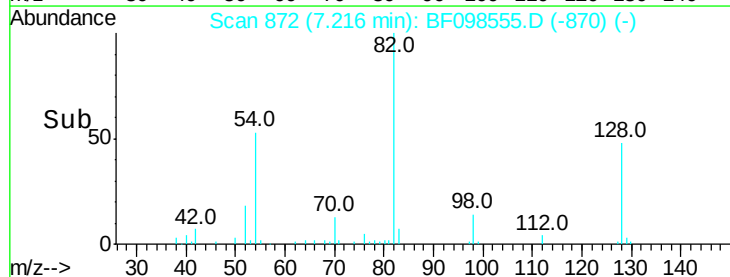
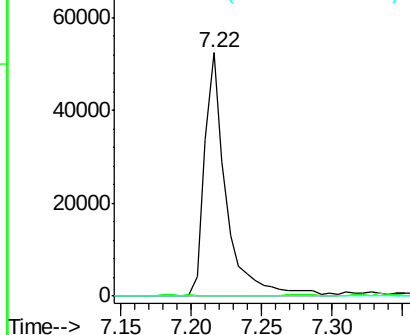


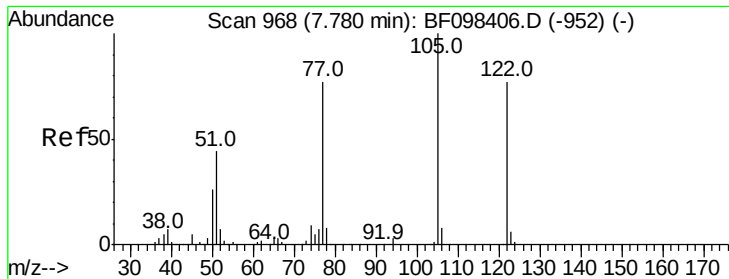
#25
 Isophorone
 Concen: 3.118 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.29 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

Tgt Ion	82	Resp	56156
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

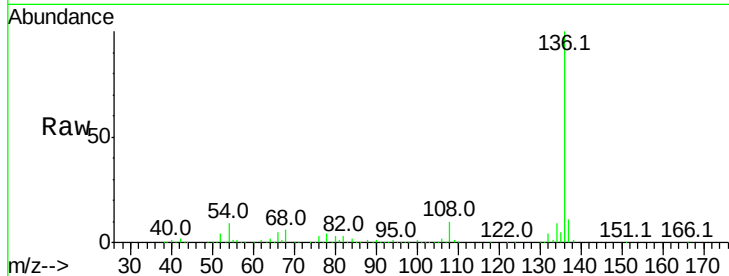




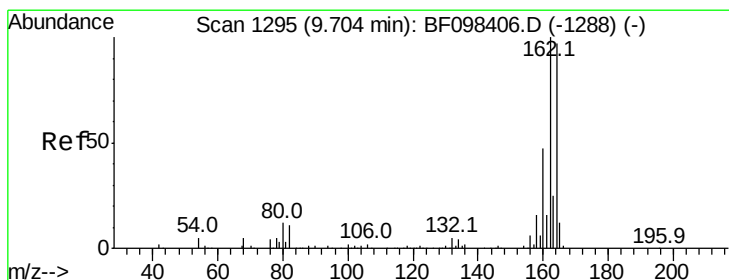
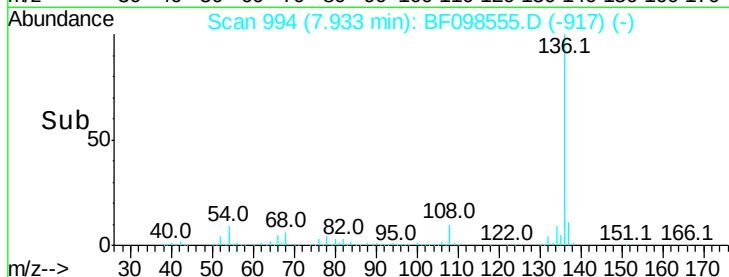
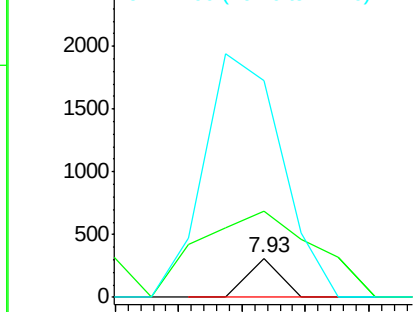
#32
Benzoic acid
Concen: 7.987 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.15 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

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

Tot Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 219.9 103.3 143.3#
77 555.1 73.7 113.7#

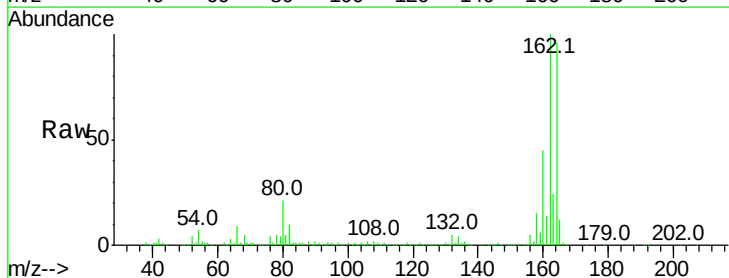


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

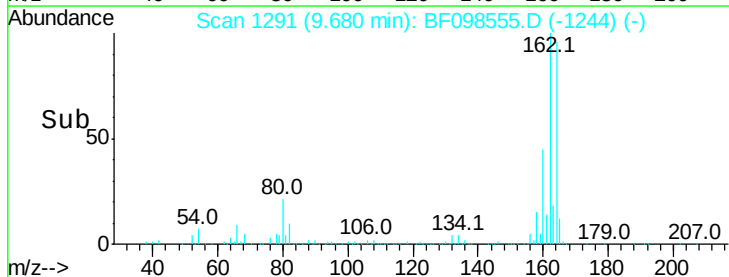
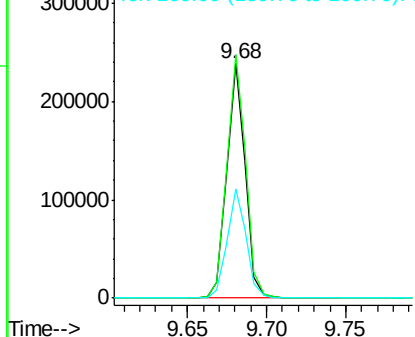


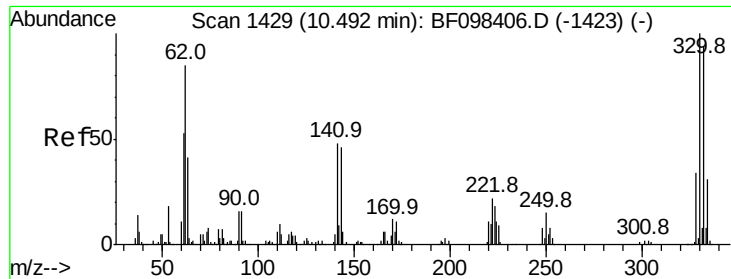
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098555.D
Acq: 15 Sep 2017 4:00

Tgt Ion:164 Resp: 190667
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 46.8 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

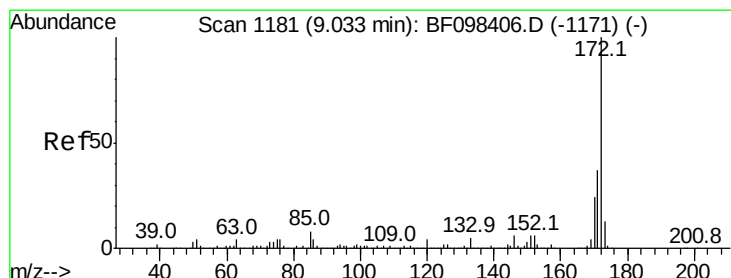
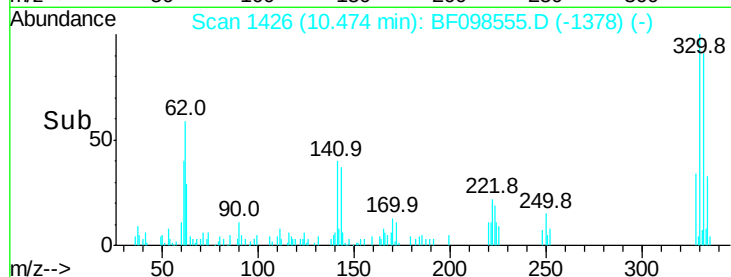
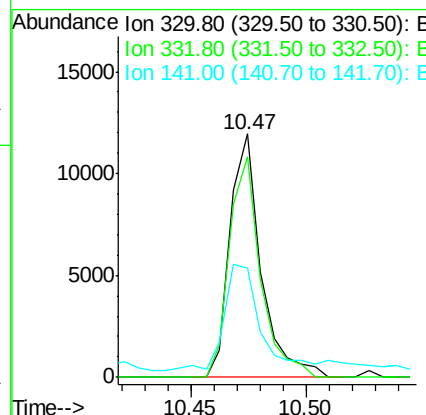
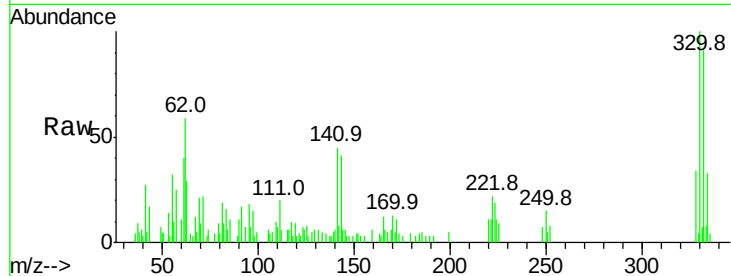




#41
 2,4,6-Tribromophenol
 Concen: 8.784 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

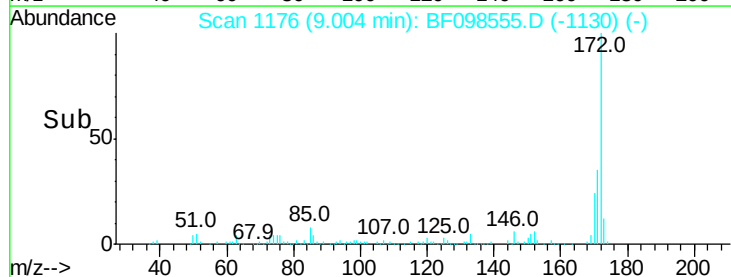
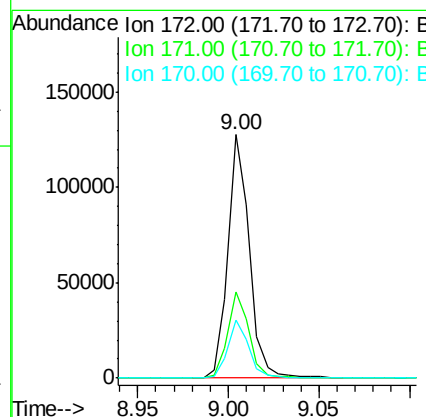
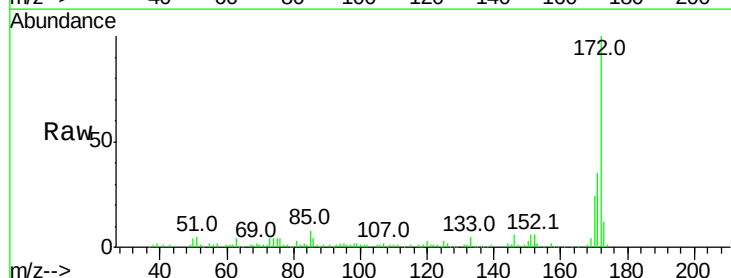
Instrument :
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 ClientSampleId :
 EO-02-091217-B

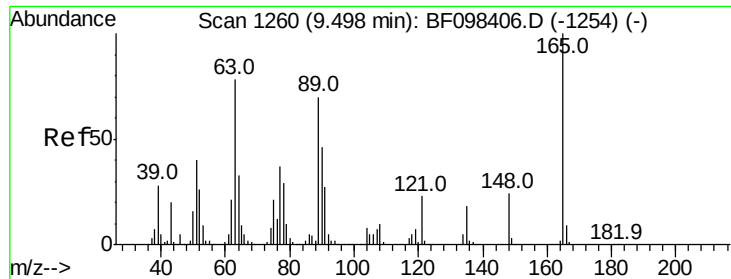
Tot Ion:330 Resp: 11178
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.6 115.0
 141 56.8 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 9.369 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

Tgt Ion:172 Resp: 105394
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.0 19.8 29.8

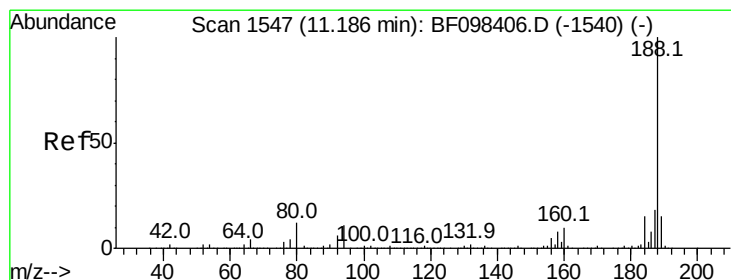
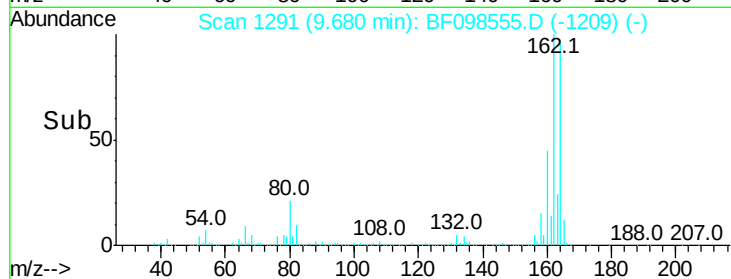
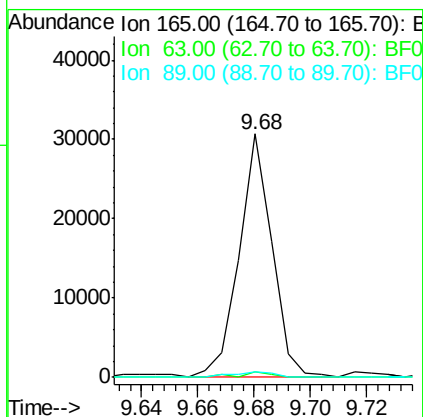
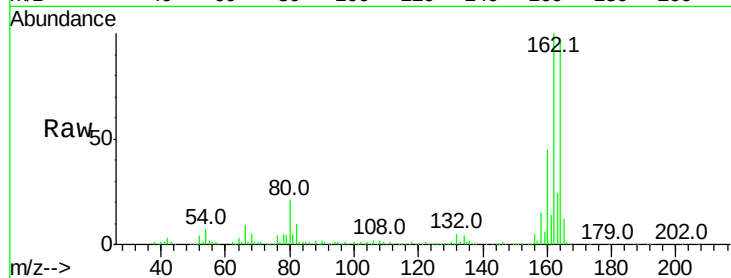




#50
 2,6-Dinitrotoluene
 Concen: 8.175 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.18 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

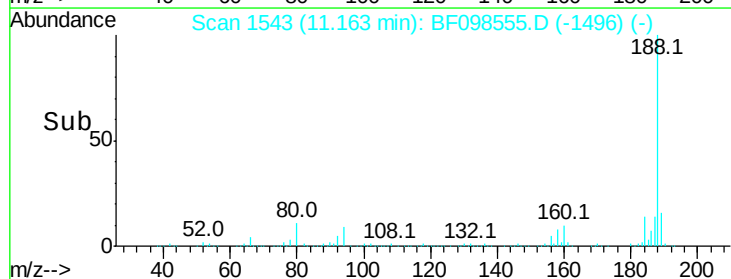
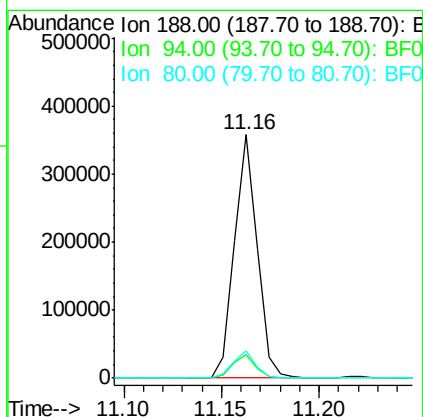
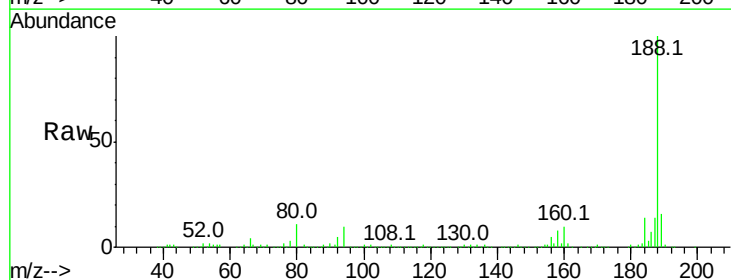
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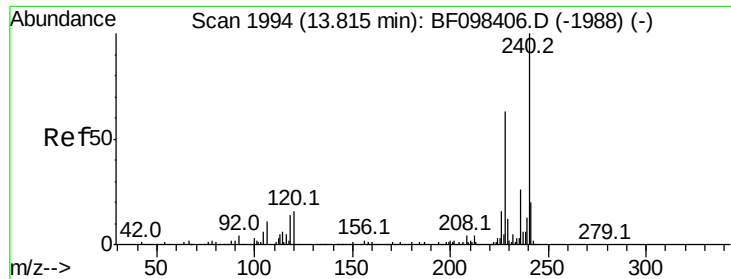
Tot Ion:165 Resp: 24785
 Ion Ratio Lower Upper
 165 100
 63 2.4 34.3 51.5#
 89 2.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098555.D
 Acq: 15 Sep 2017 4:00

Tgt Ion:188 Resp: 290899
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 11.0 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: BF098555.D

Acq: 15 Sep 2017 4:00

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-B

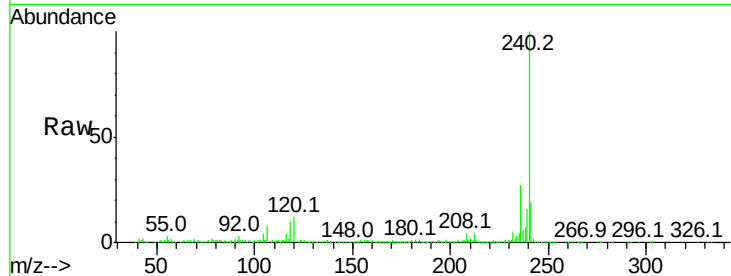
Tot Ion:240 Resp: 273516

Ion Ratio Lower Upper

240 100

120 11.6 5.8 8.8#

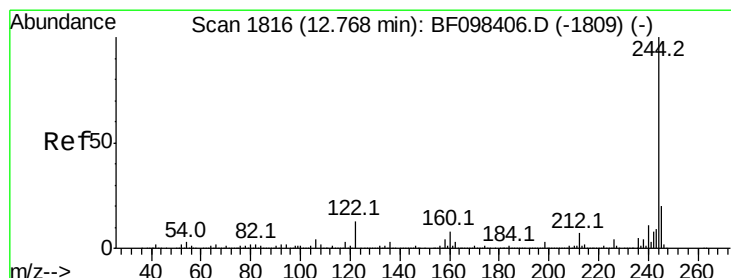
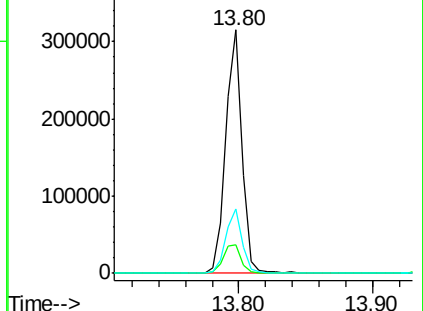
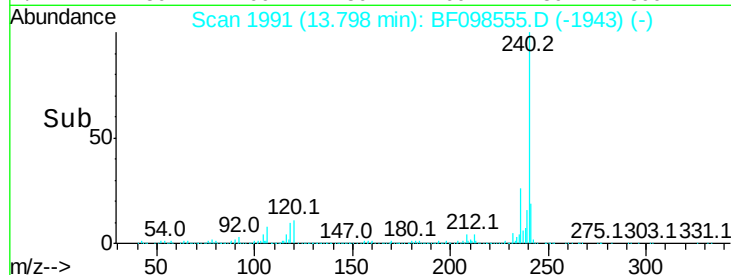
236 26.6 20.5 30.7



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: 5.618 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098555.D

Acq: 15 Sep 2017 4:00

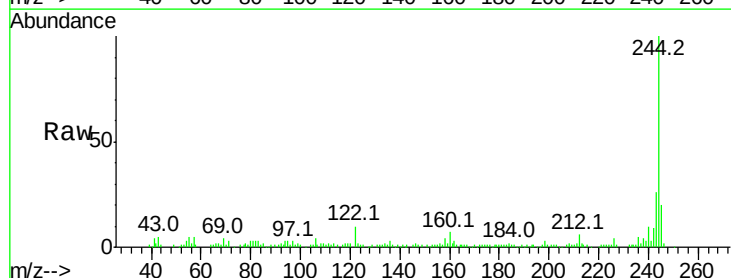
Tgt Ion:244 Resp: 71194

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

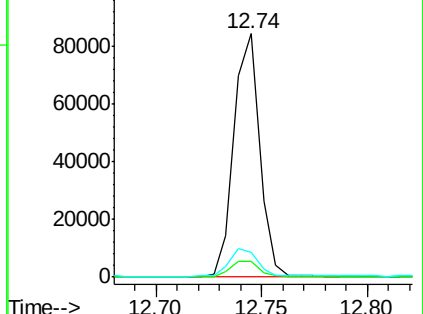
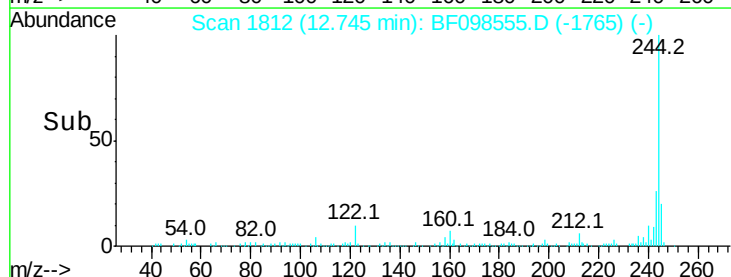
122 10.1 10.3 15.5#

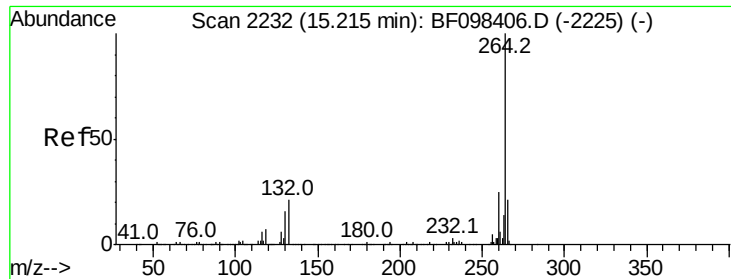


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098555.D
Acq: 15 Sep 2017 4:00

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.9	17.2	25.8

