

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 07:40:09 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

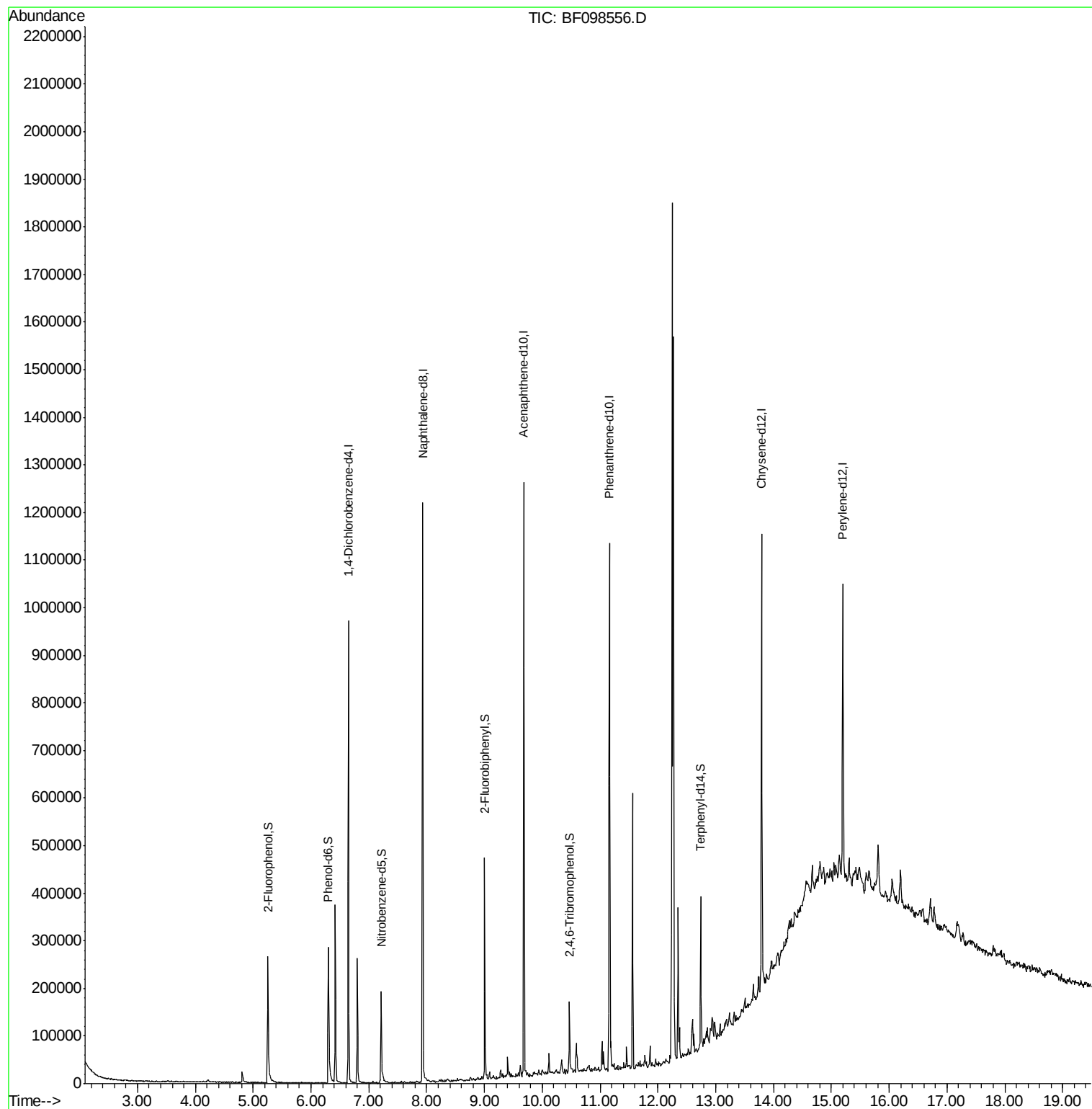
Target Compounds	Qvalue
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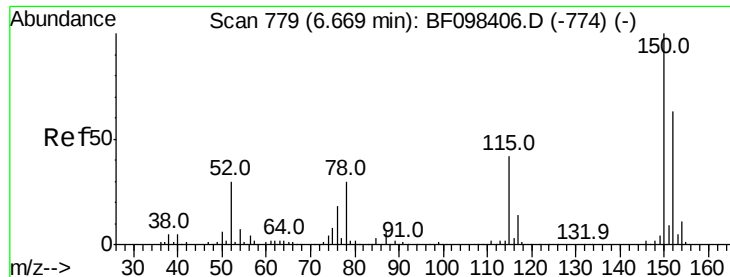
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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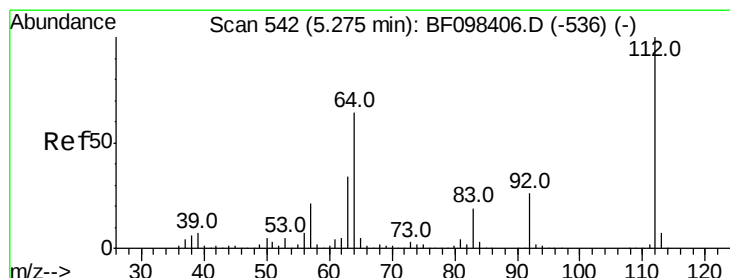
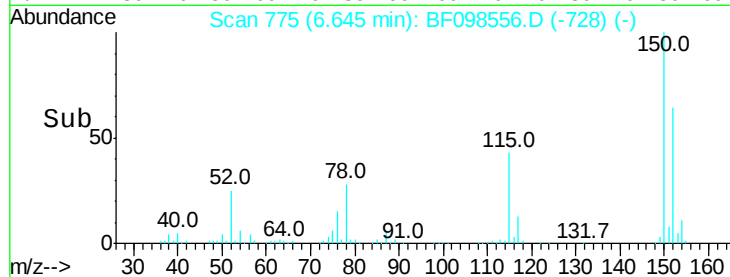
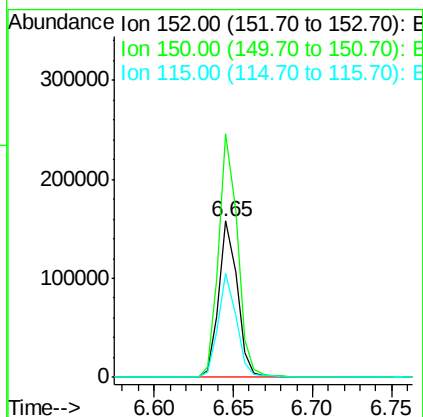
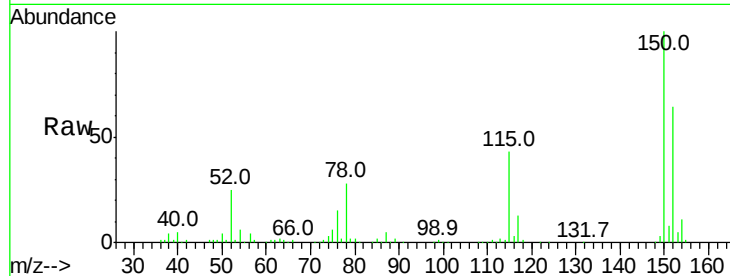


#1

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

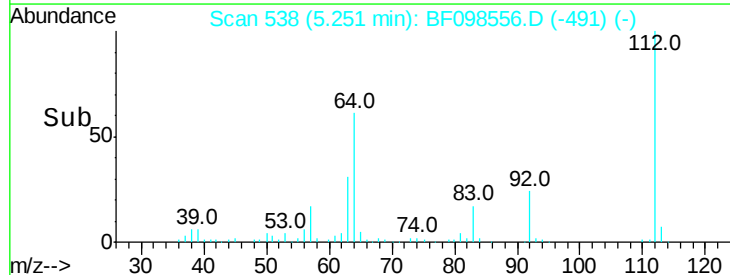
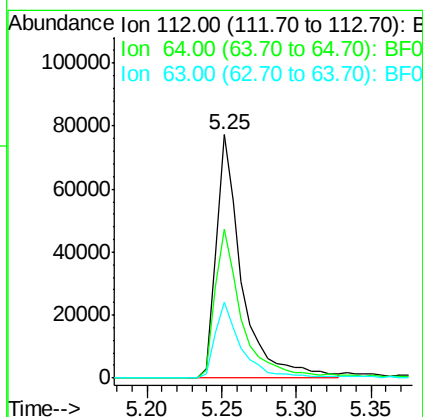
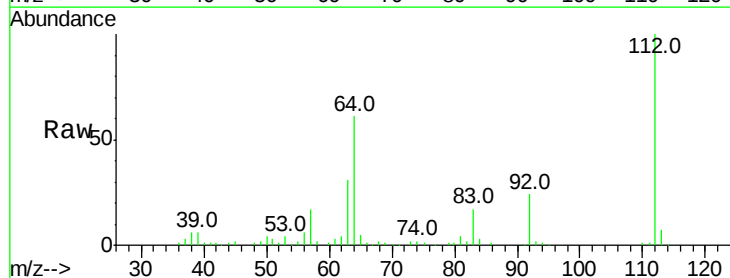
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	66.4	52.2	78.2



#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

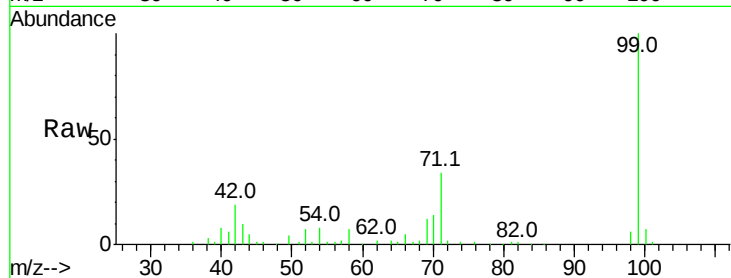
Tot Ion: 99 Resp: 119363

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

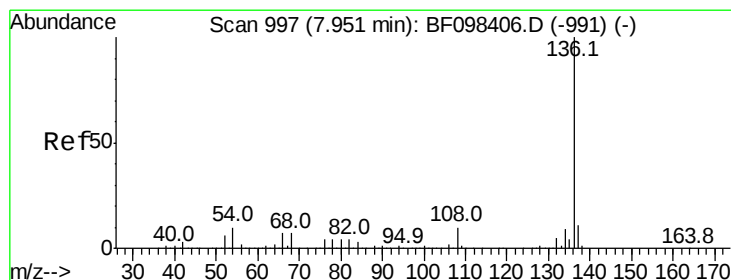
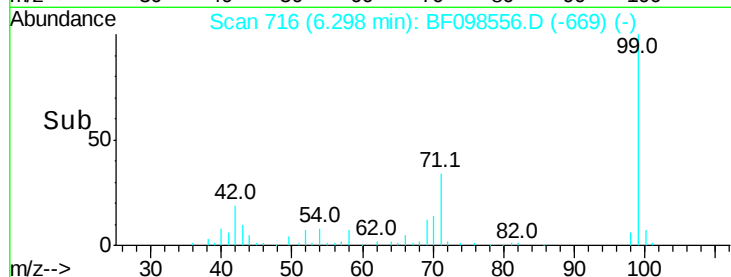
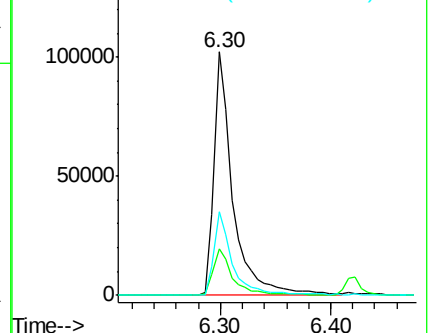
71 34.4 24.5 36.7



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

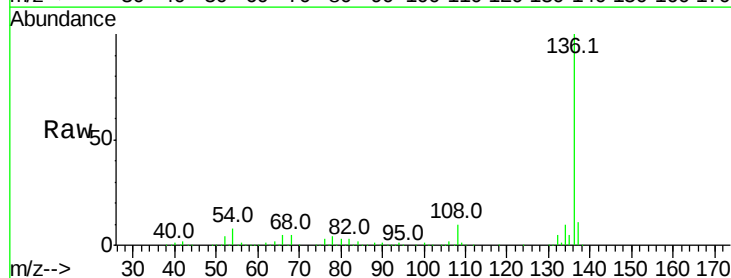
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.2 4.9 7.3#

68 5.3 4.1 6.1

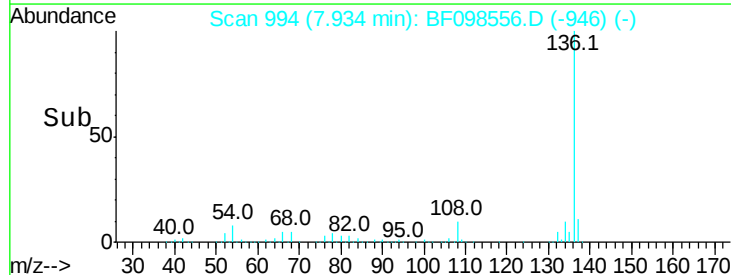
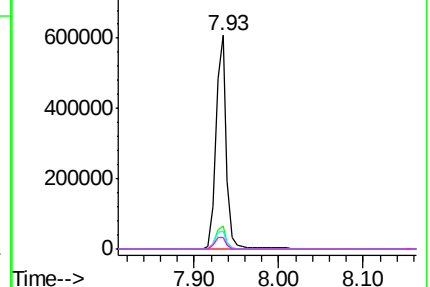


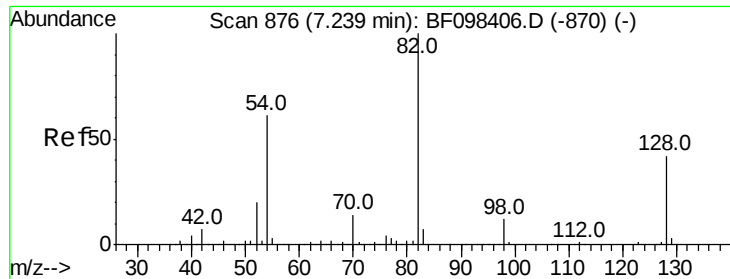
Abundance Ion 136.00 (135.70 to 136.70): E

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

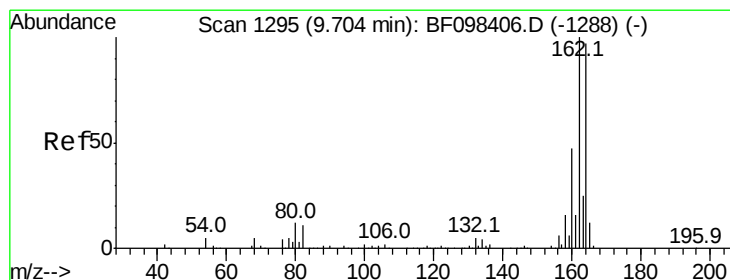
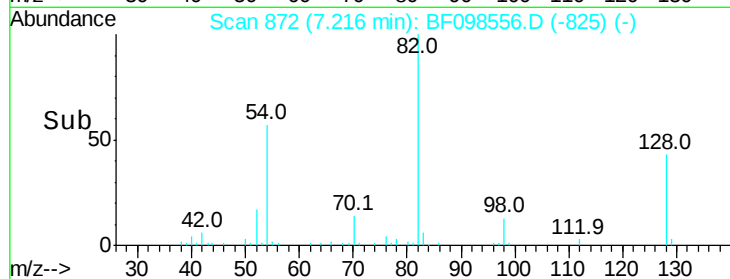
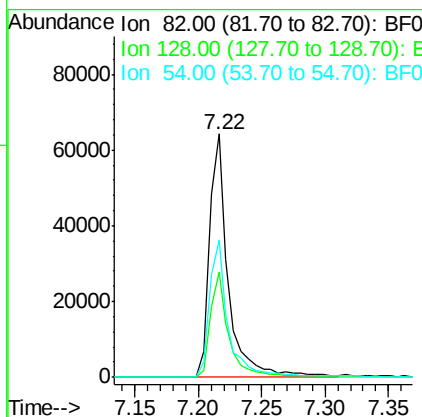
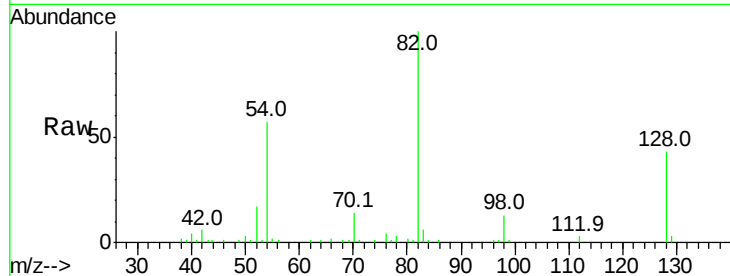




#23
 Nitrobenzene-d5
 Concen: 7.022 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

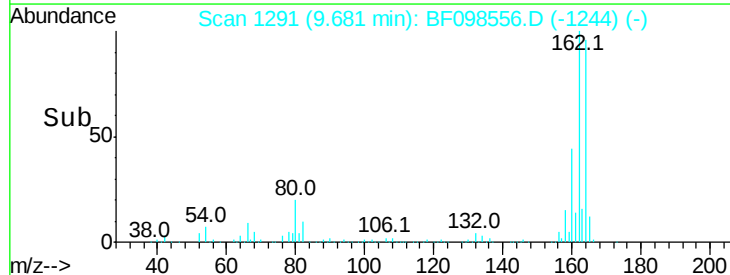
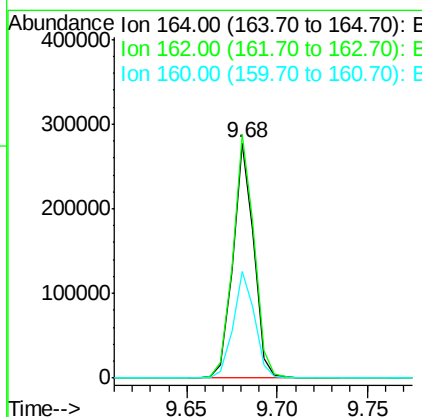
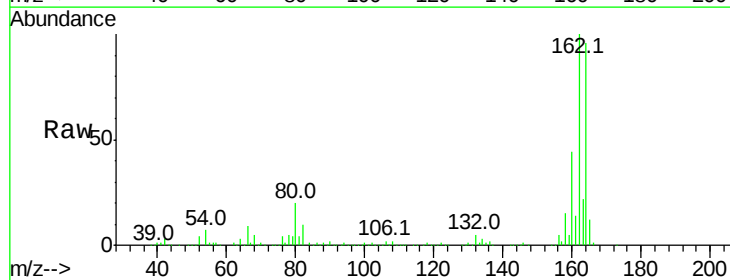
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-C

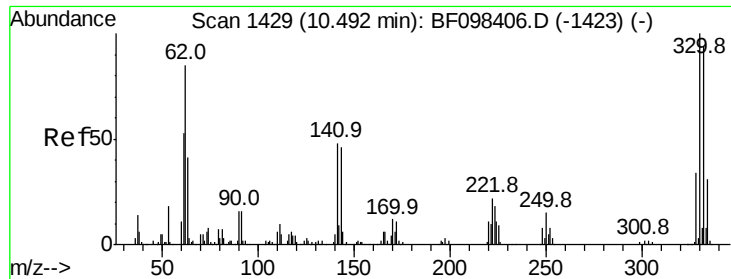
Tot Ion	82	Resp	67189
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.0	51.0
54	56.5	42.2	63.2



#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

Tgt Ion	164	Resp	222226
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.6	123.8
160	45.3	36.2	54.2

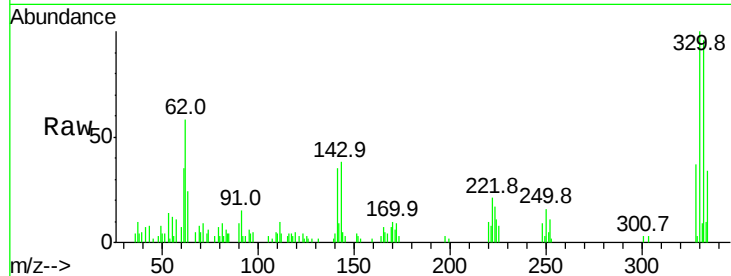




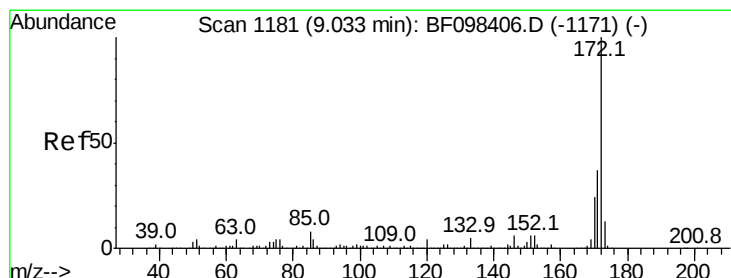
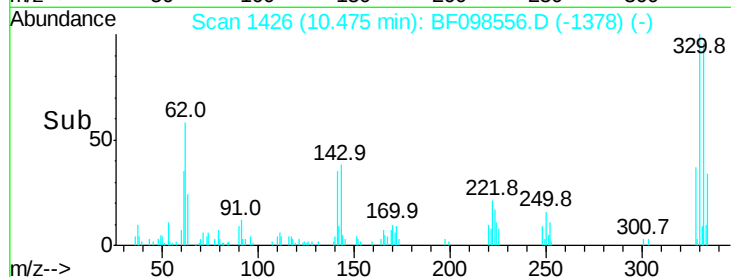
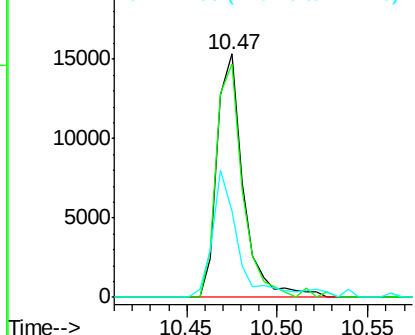
#41
 2,4,6-Tribromophenol
 Concen: 10.417 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

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

Tot Ion:330 Resp: 15451
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 49.7 31.4 47.2#

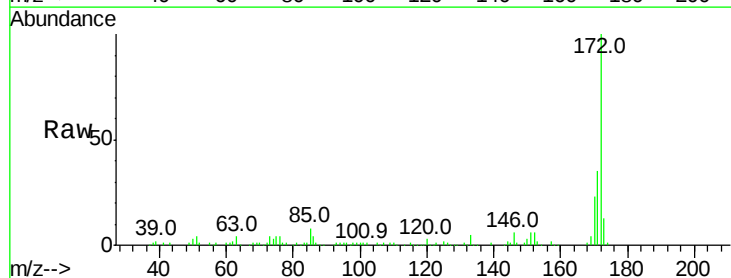


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

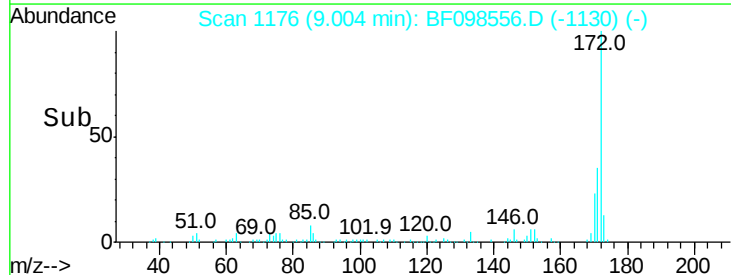
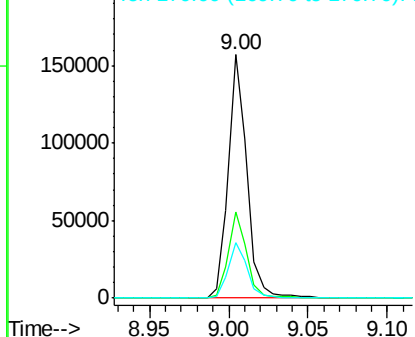


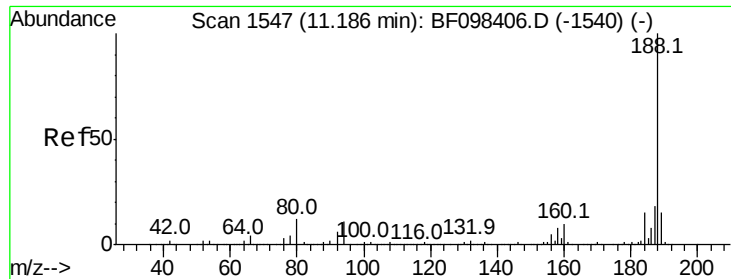
#44
 2-Fluorobiphenyl
 Concen: 9.764 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098556.D
 Acq: 15 Sep 2017 4:29

Tgt Ion:172 Resp: 128021
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 22.7 19.8 29.8



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

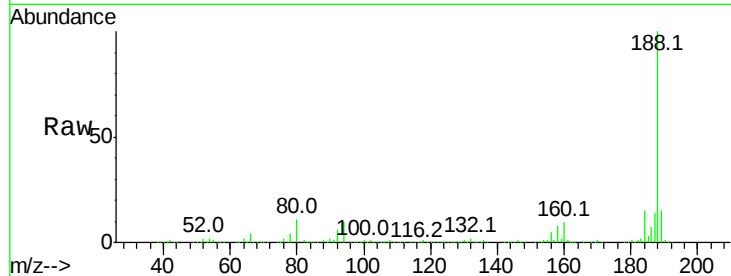




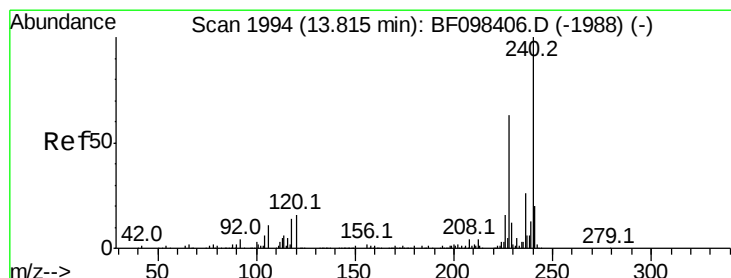
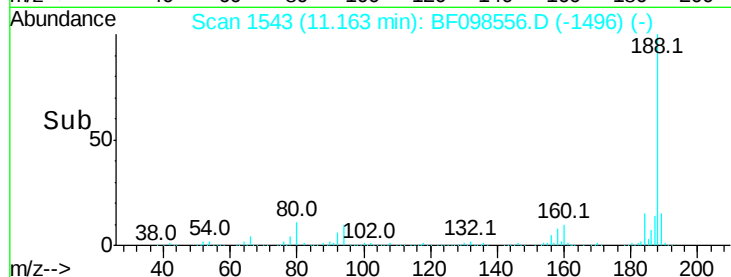
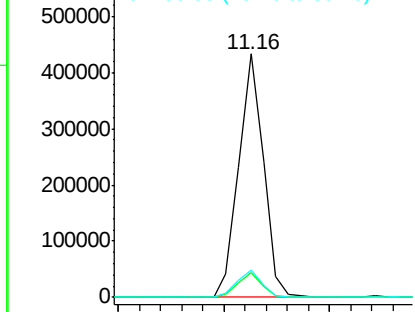
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

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

Tot Ion:188 Resp: 352168
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 10.2 15.2

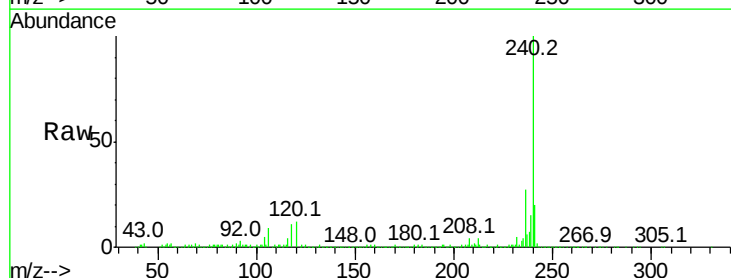


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

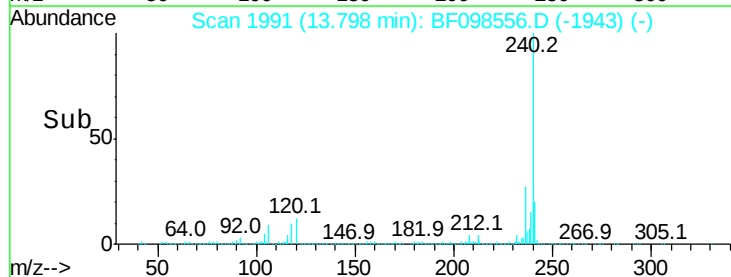
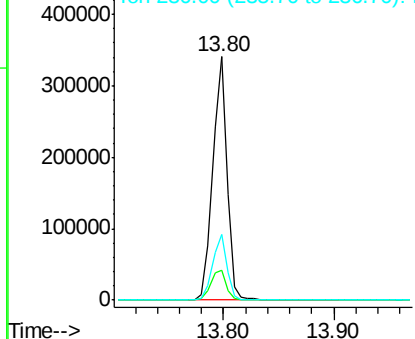


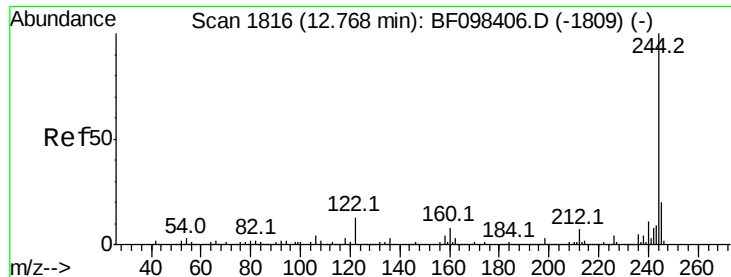
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098556.D
Acq: 15 Sep 2017 4:29

Tgt 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

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-C

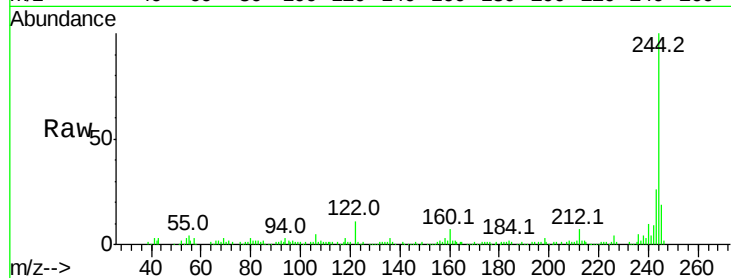
Tot Ion:244 Resp: 91431

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

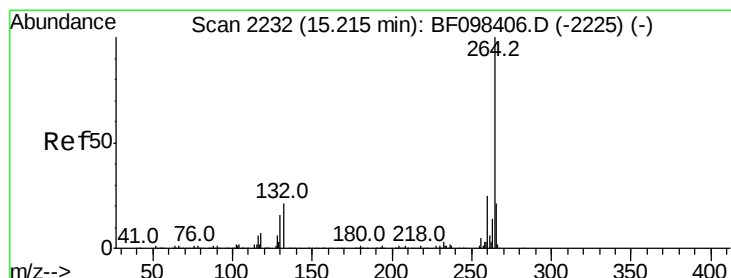
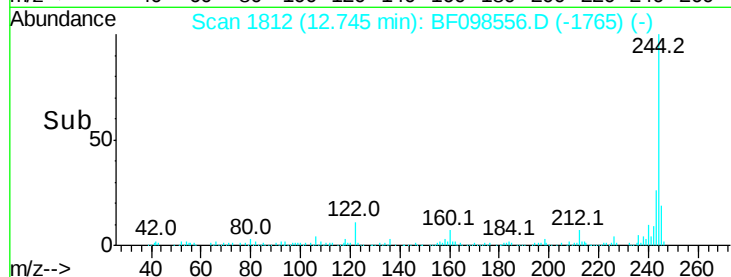
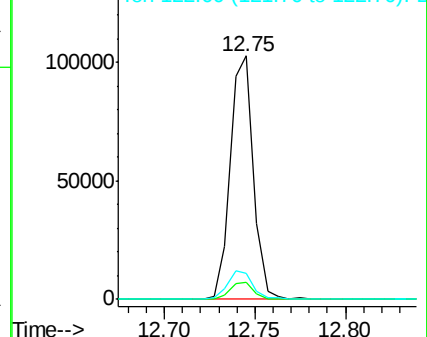
122 10.9 10.3 15.5



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

Perylene-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

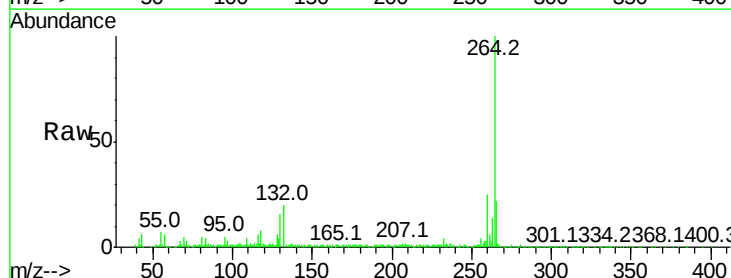
Tgt Ion:264 Resp: 251126

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

