

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098152.D
 Acq On : 30 Aug 2017 11:42
 Operator : SJ/JU
 Sample : I4994-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-C

Quant Time: Aug 30 12:34:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	96823	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	379431	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	159646	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	261959	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	210887	20.00	ng	-0.02
86) Perylene-d12	15.30	264	186428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	621001	97.56	ng	-0.01
7) Phenol-d6	6.37	99	760263	87.90	ng	-0.02
23) Nitrobenzene-d5	7.30	82	580195	83.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	150437	108.60	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	884070	81.36	ng	-0.02
78) Terphenyl-d14	12.83	244	614064	60.72	ng	-0.02

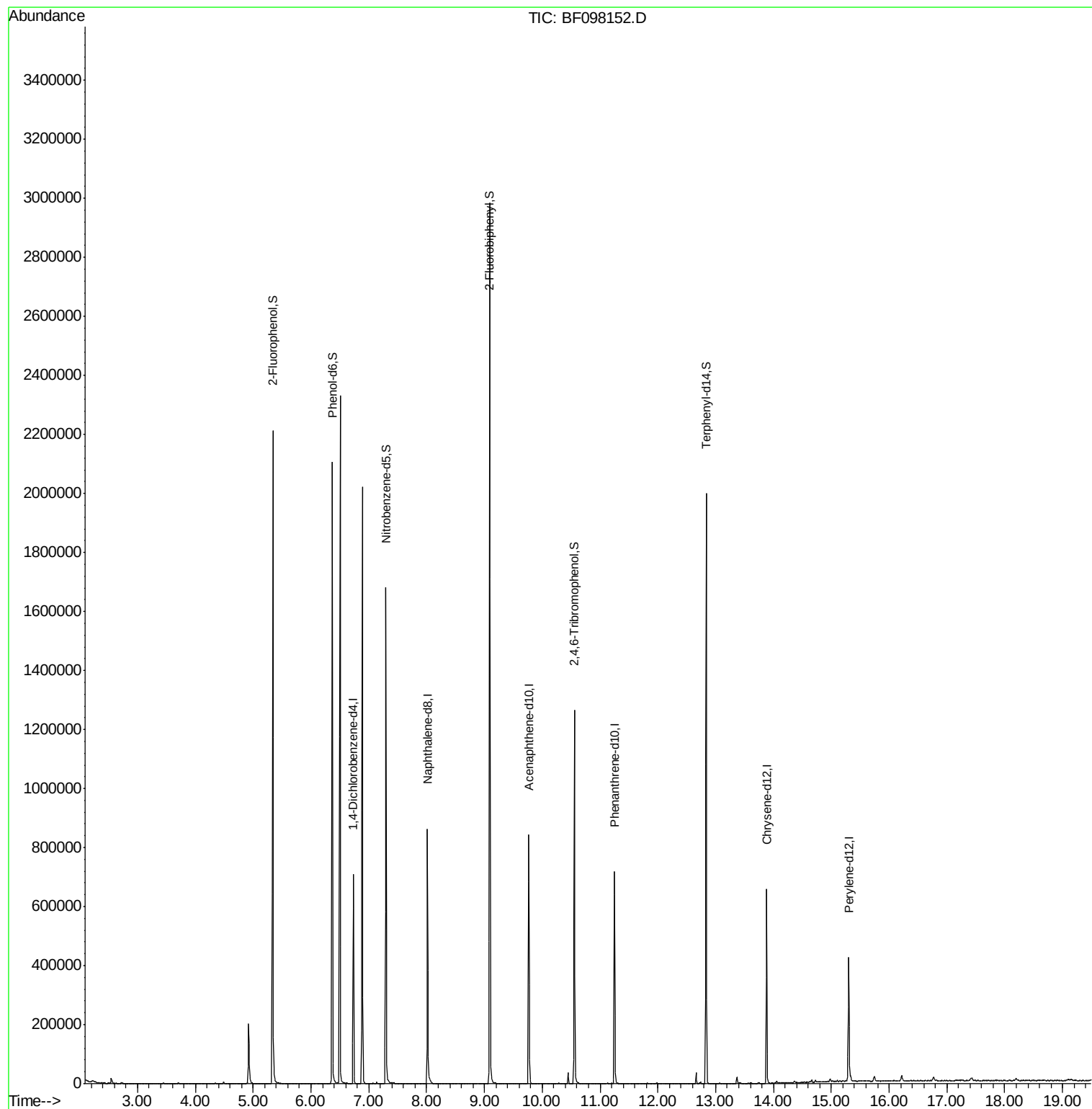
Target Compounds Qvalue

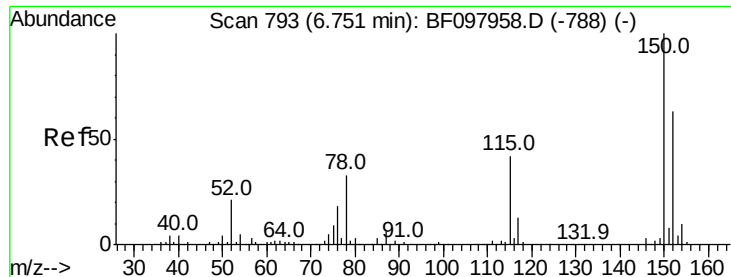
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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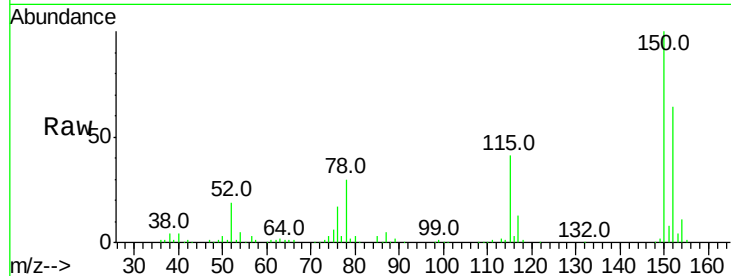


#1

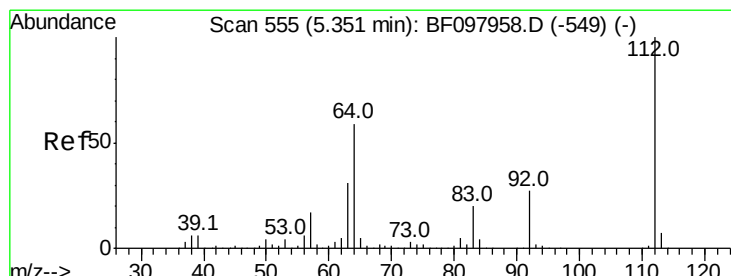
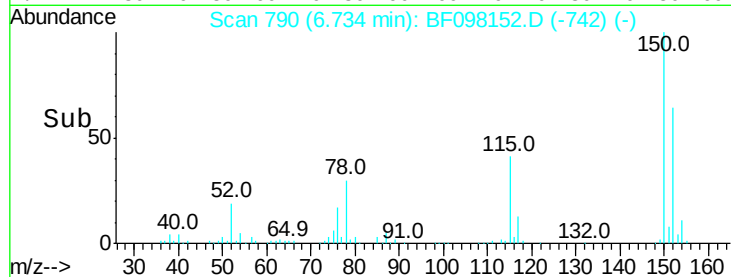
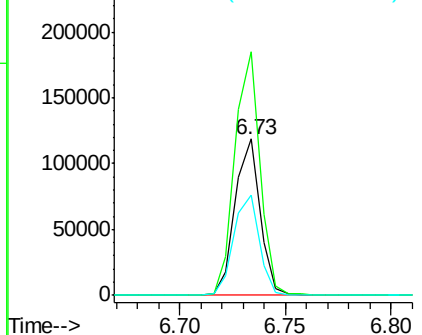
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098152.D
Acq: 30 Aug 2017 11:42

Instrument :
BNA_F
ClientSampleId :
EO-01-082517-C

Tot Ion:152 Resp: 96823
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 64.4 52.2 78.2



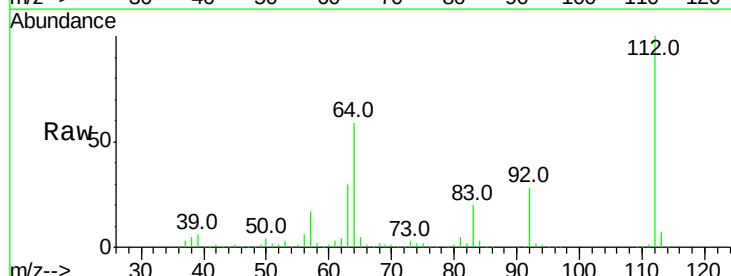
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



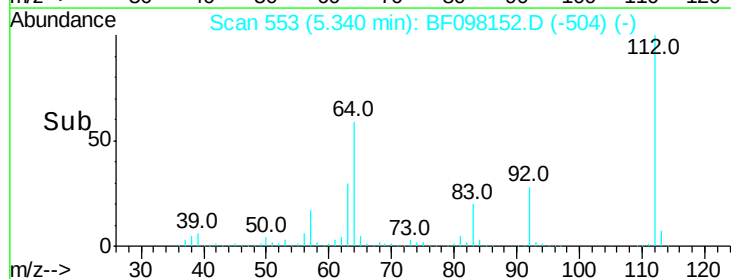
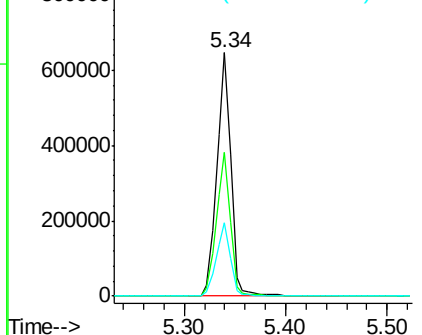
#5

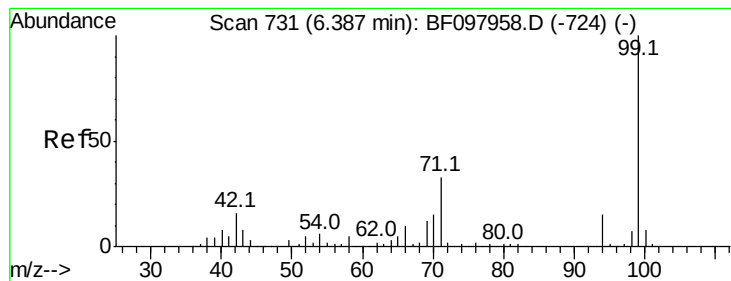
2-Fluorophenol
Concen: 97.558 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098152.D
Acq: 30 Aug 2017 11:42

Tgt Ion:112 Resp: 621001
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 29.9 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: 87.904 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098152.D

Acq: 30 Aug 2017 11:42

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-C

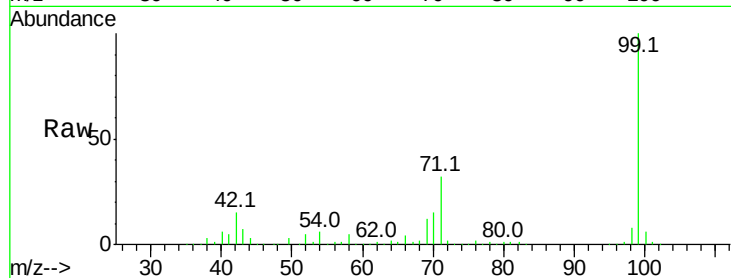
Tot Ion: 99 Resp: 760263

Ion Ratio Lower Upper

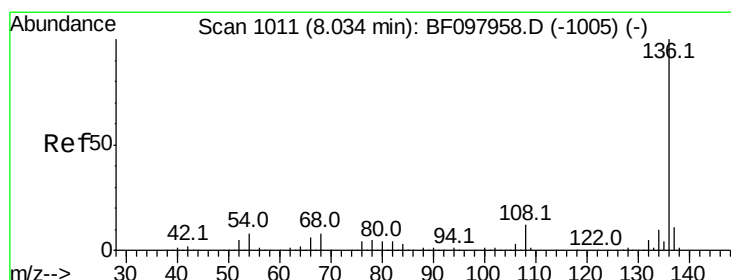
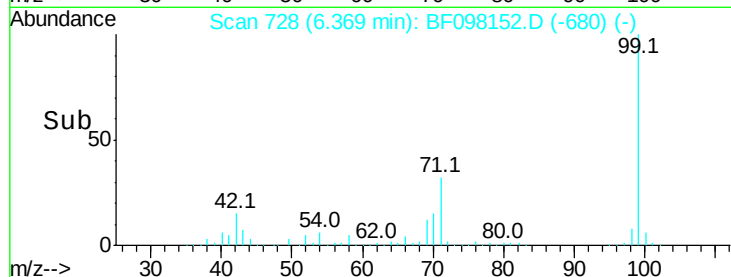
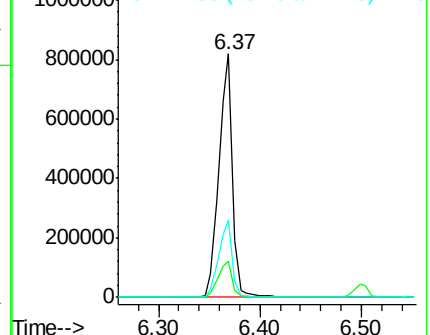
99 100

42 14.8 13.5 20.3

71 31.7 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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098152.D

Acq: 30 Aug 2017 11:42

Tgt Ion: 136 Resp: 379431

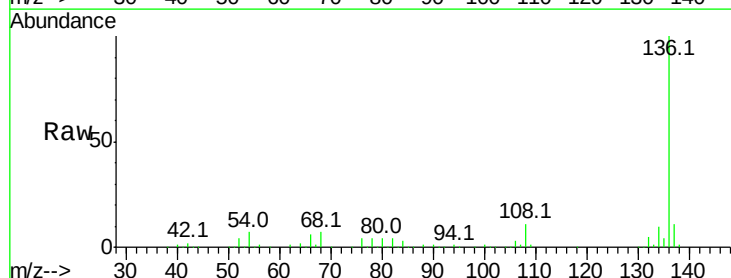
Ion Ratio Lower Upper

136 100

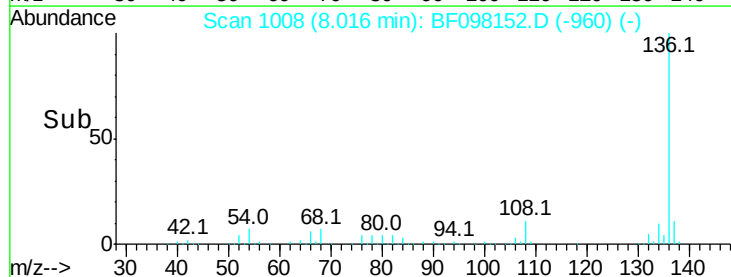
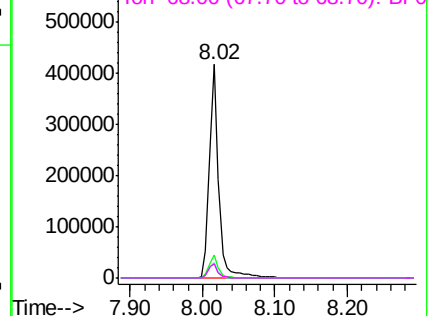
137 11.1 8.5 12.7

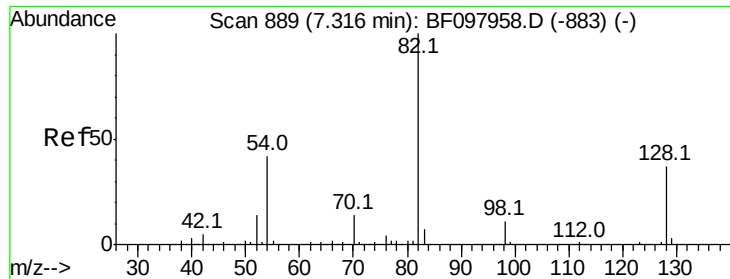
54 7.4 4.9 7.3#

68 6.8 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

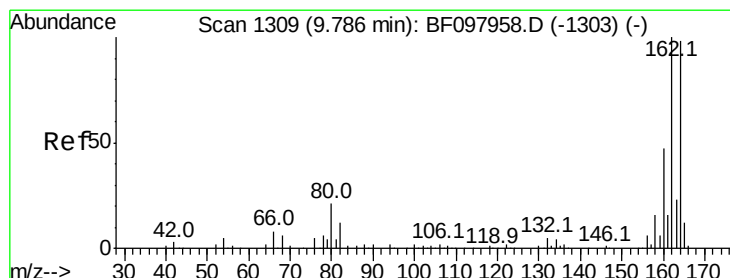
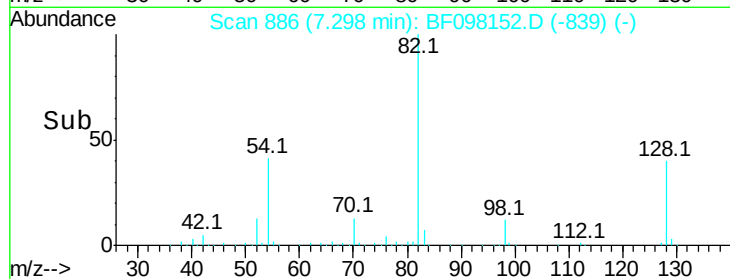
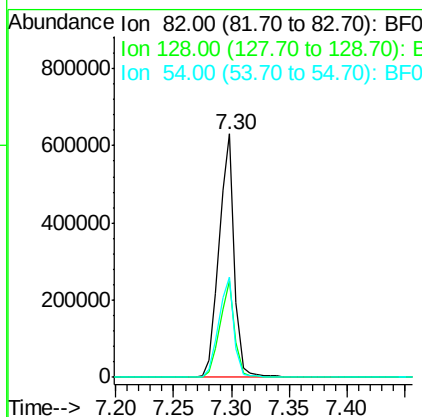
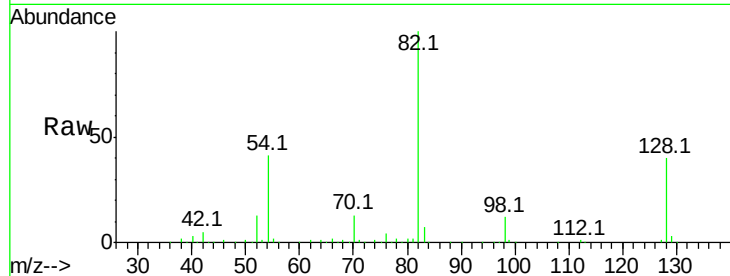




#23
 Nitrobenzene-d5
 Concen: 83.069 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098152.D
 Acq: 30 Aug 2017 11:42

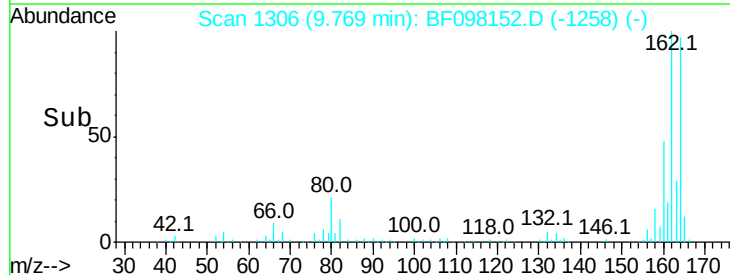
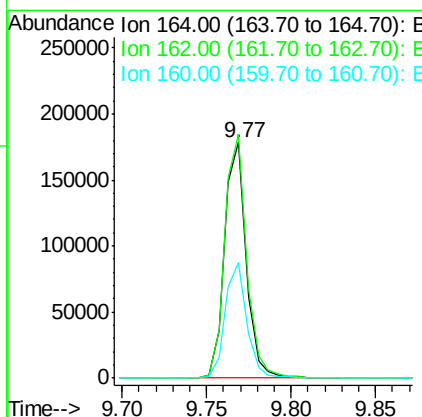
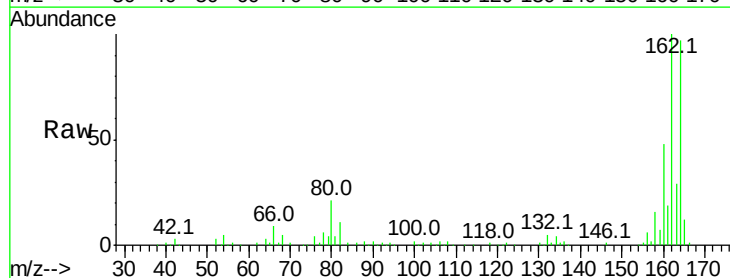
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-C

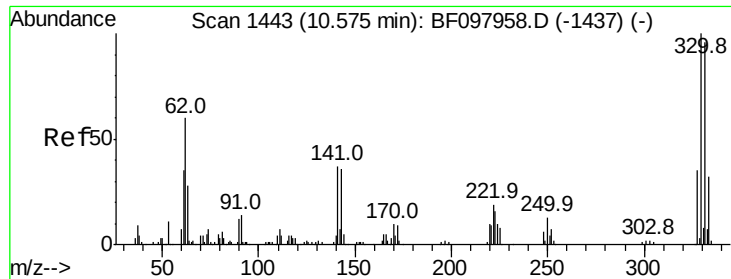
Tot Ion	82	Resp	580195
Ion Ratio	Lower	Upper	
82	100		
128	39.6	34.0	51.0
54	41.1	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098152.D
 Acq: 30 Aug 2017 11:42

Tgt Ion	164	Resp	159646
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.6	123.8
160	49.2	36.2	54.2

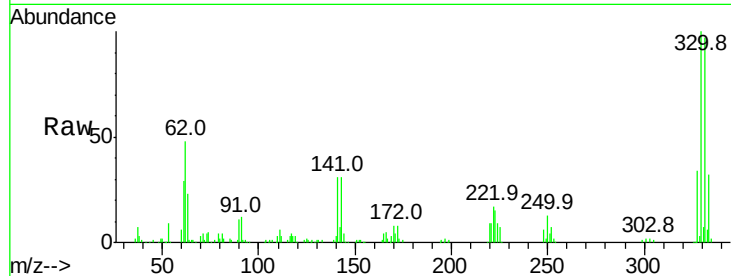




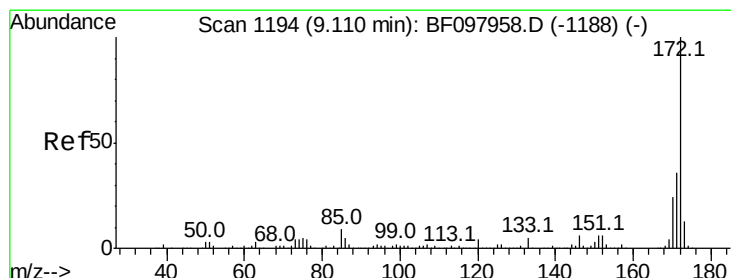
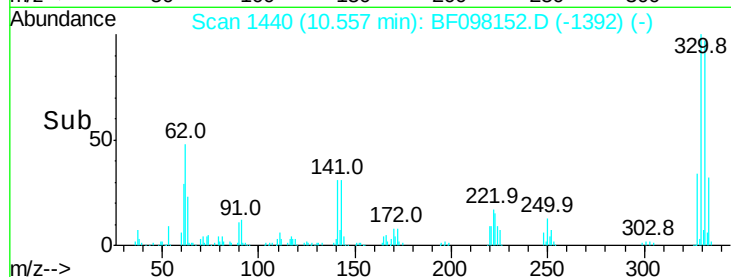
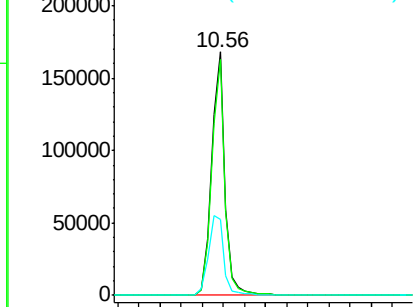
#41
 2,4,6-Tribromophenol
 Concen: 108.604 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098152.D
 Acq: 30 Aug 2017 11:42

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	37.6	31.4	47.2

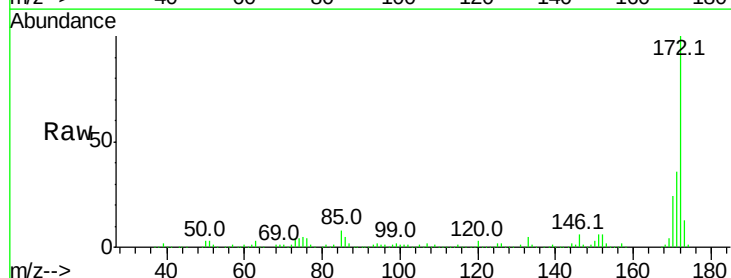


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

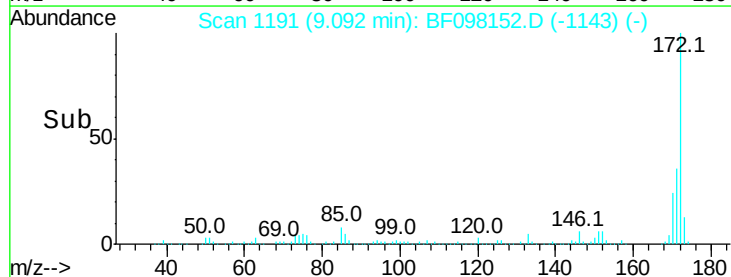
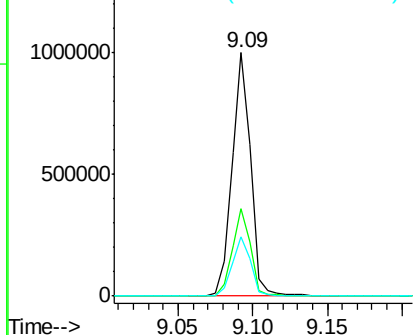


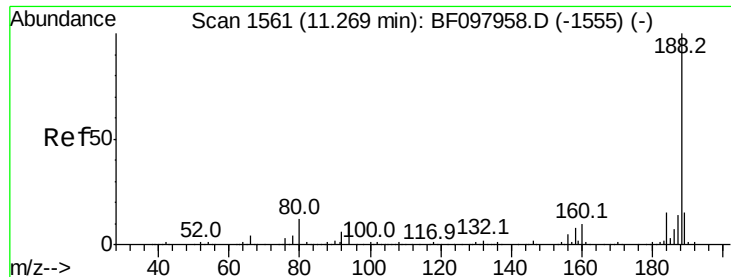
#44
 2-Fluorobiphenyl
 Concen: 81.360 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098152.D
 Acq: 30 Aug 2017 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098152.D

Acq: 30 Aug 2017 11:42

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-C

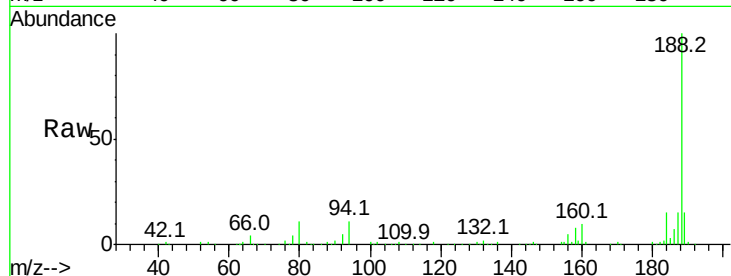
Tot Ion:188 Resp: 261959

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

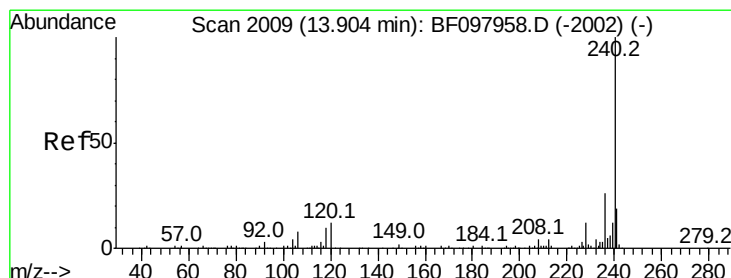
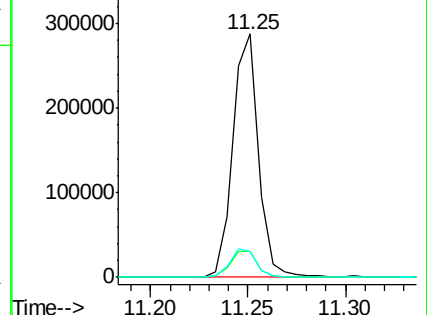
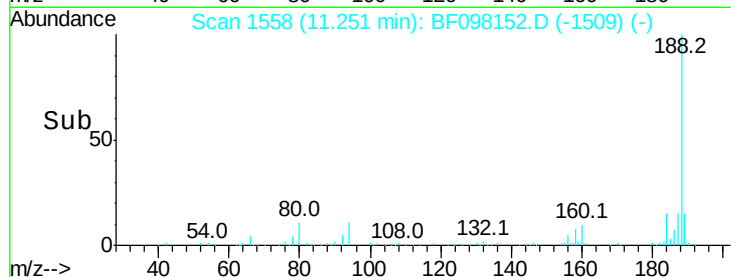
80 10.6 10.2 15.2



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098152.D

Acq: 30 Aug 2017 11:42

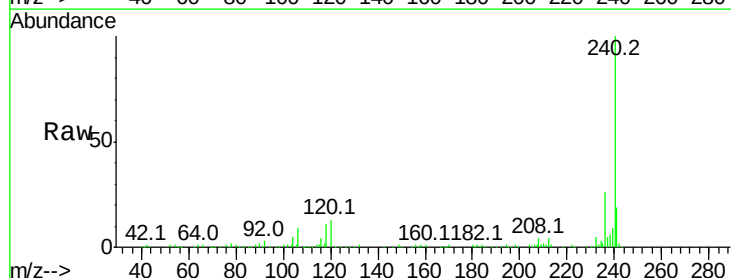
Tgt Ion:240 Resp: 210887

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

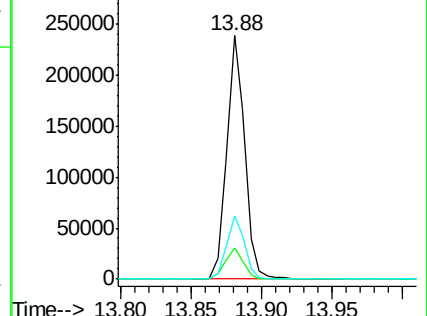
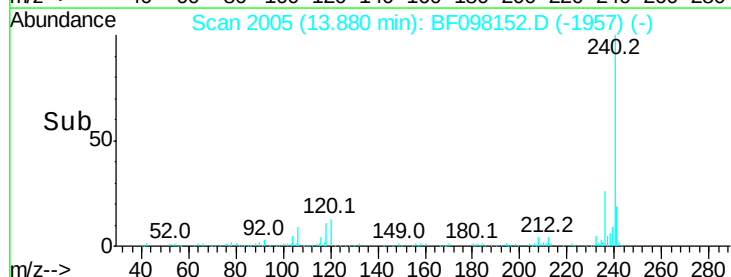
236 25.7 20.5 30.7

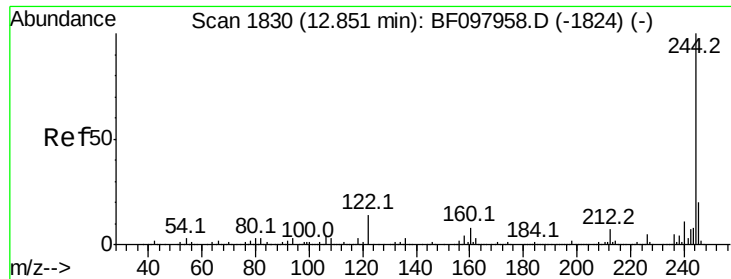


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

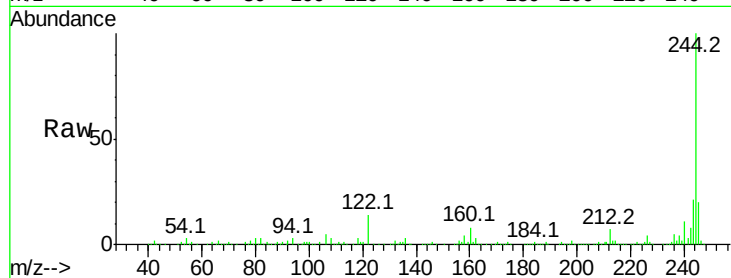




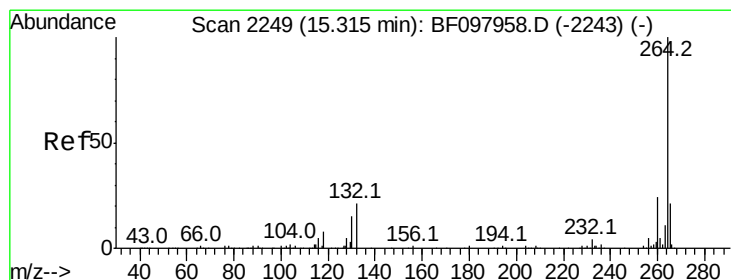
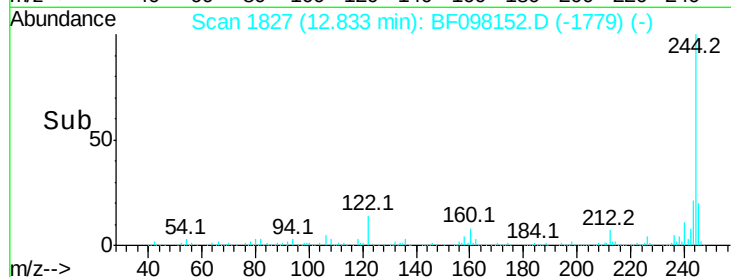
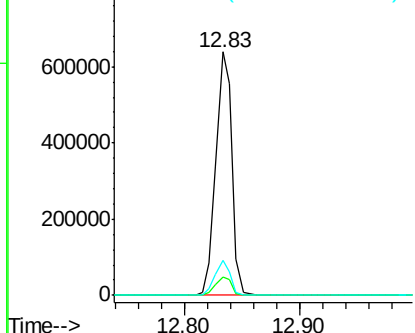
#78
 Terphenyl-d14
 Concen: 60.721 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF098152.D
 Acq: 30 Aug 2017 11:42

Instrument :
 BNA_F
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 EO-01-082517-C

Tot Ion:244 Resp: 614064
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.5 10.3 15.5

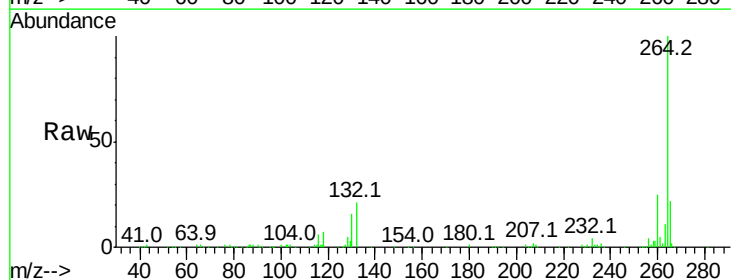


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF098152.D
 Acq: 30 Aug 2017 11:42

Tgt Ion:264 Resp: 186428
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 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

