

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098150.D
 Acq On : 30 Aug 2017 10:47
 Operator : SJ/JU
 Sample : I4994-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Aug 30 12:31:53 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	98814	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	391904	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	157794	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	246771	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	210526	20.00	ng	-0.02
86) Perylene-d12	15.30	264	179831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	744553	114.61	ng	0.00
7) Phenol-d6	6.37	99	916215	103.80	ng	-0.02
23) Nitrobenzene-d5	7.30	82	641169	88.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	158596	115.84	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	967778	90.11	ng	-0.02
78) Terphenyl-d14	12.83	244	630056	62.41	ng	-0.02

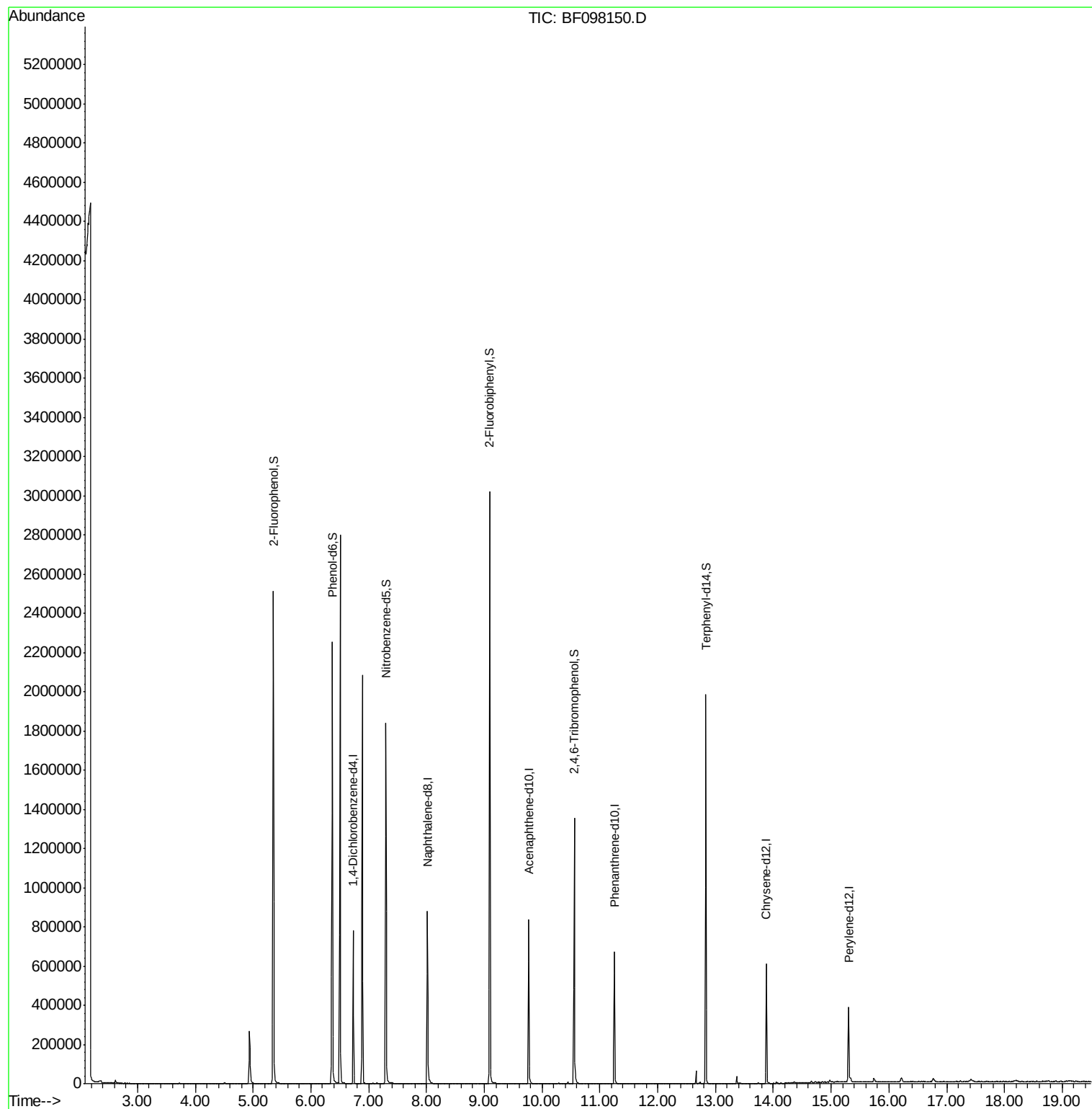
Target Compounds Qvalue

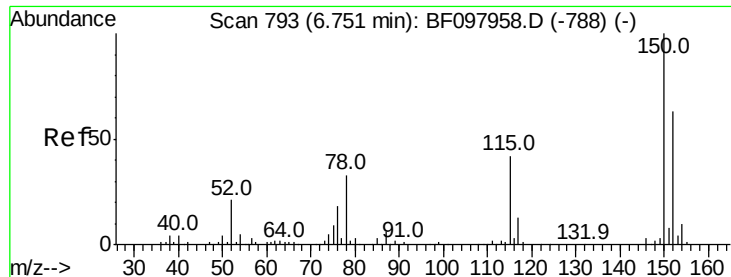
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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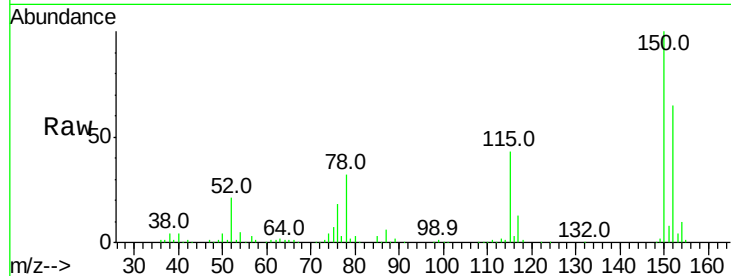


#1

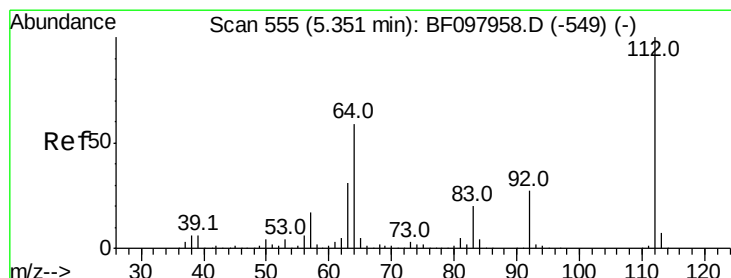
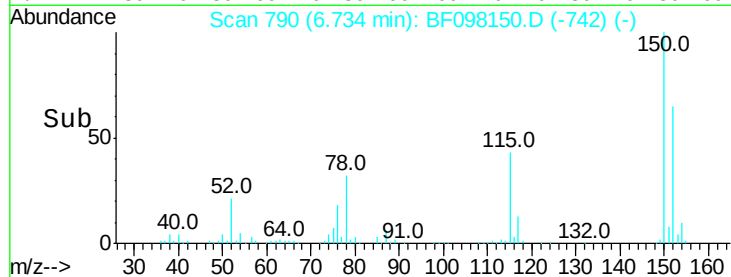
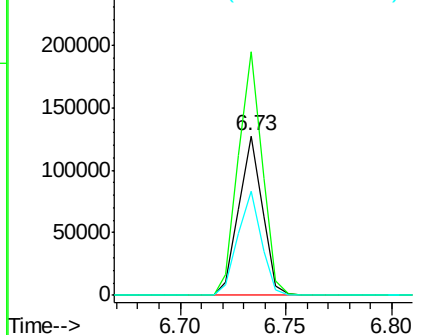
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098150.D
Acq: 30 Aug 2017 10:47

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

Tot Ion:152 Resp: 98814
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.2
115 65.2 52.2 78.2



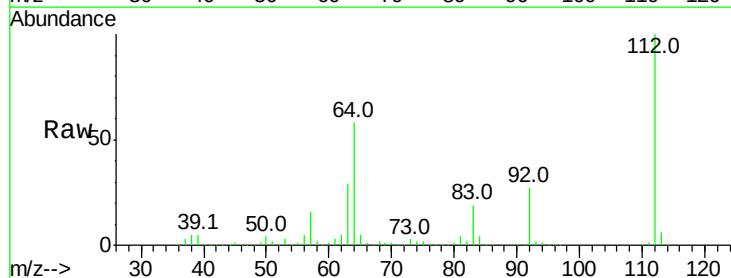
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



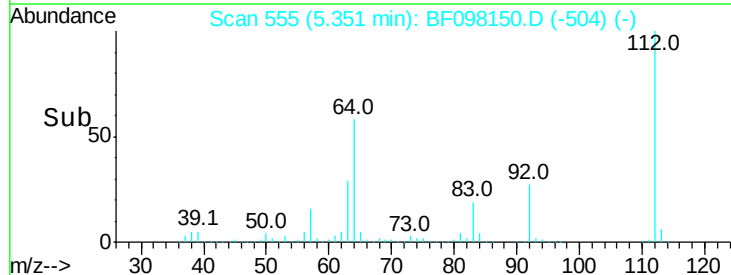
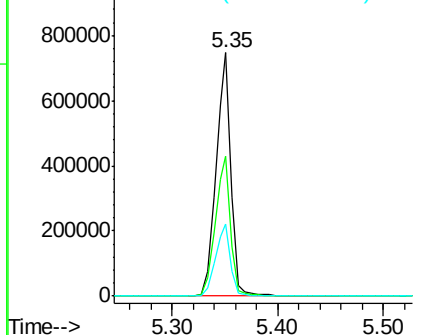
#5

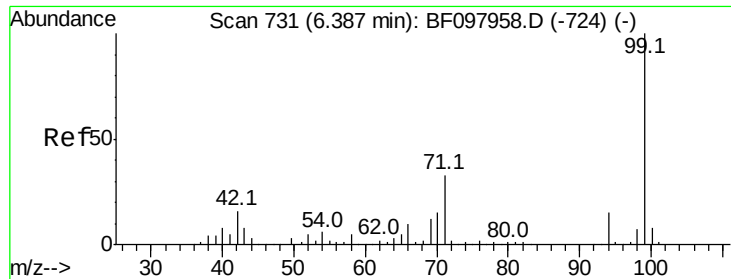
2-Fluorophenol
Concen: 114.611 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098150.D
Acq: 30 Aug 2017 10:47

Tgt Ion:112 Resp: 744553
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 29.4 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: 103.801 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098150.D

Acq: 30 Aug 2017 10:47

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-A

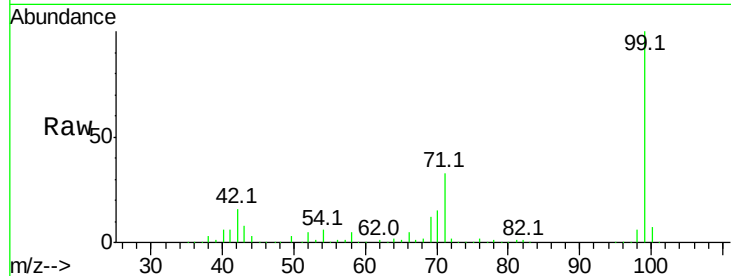
Tot Ion: 99 Resp: 916215

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

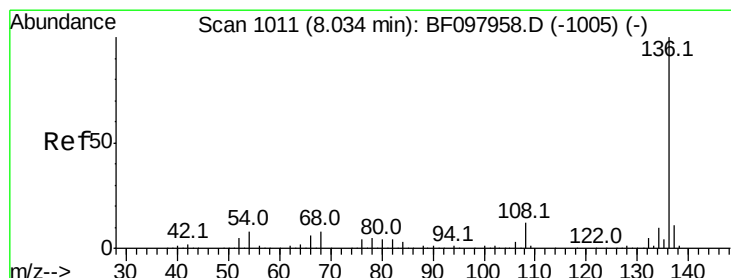
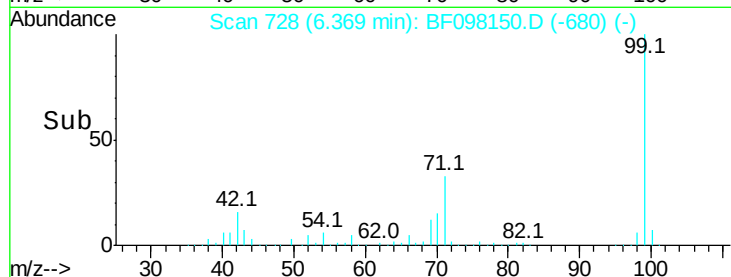
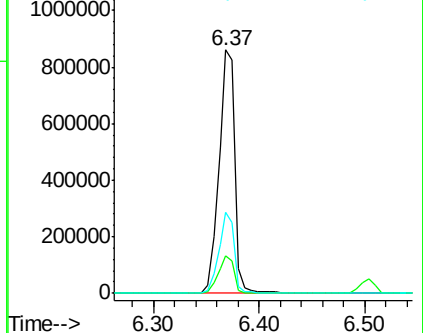
71 33.2 24.5 36.7



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: BF098150.D

Acq: 30 Aug 2017 10:47

Tgt Ion: 136 Resp: 391904

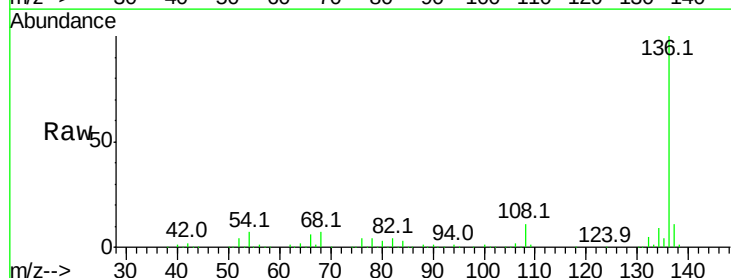
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 6.6 4.1 6.1#

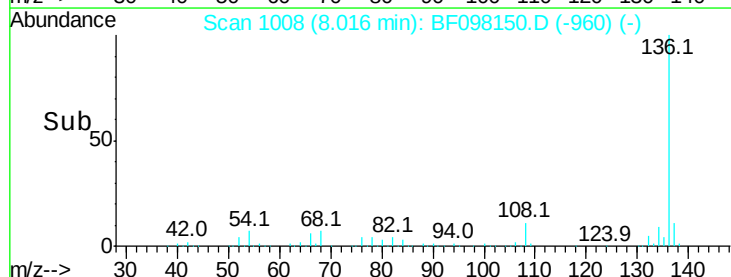
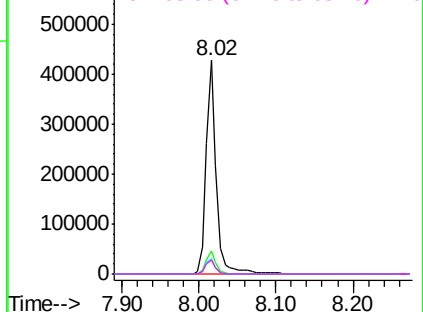


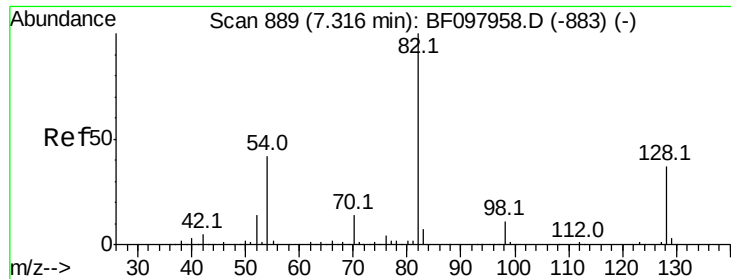
Abundance Ion 136.00 (135.70 to 136.70): E

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

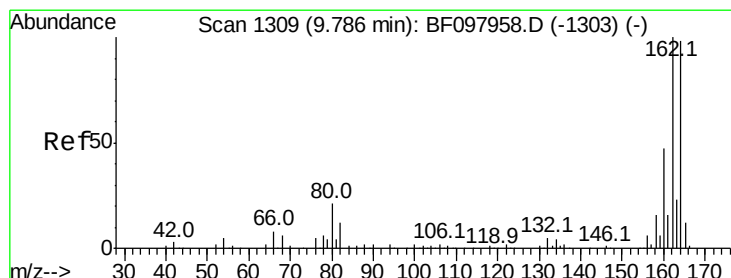
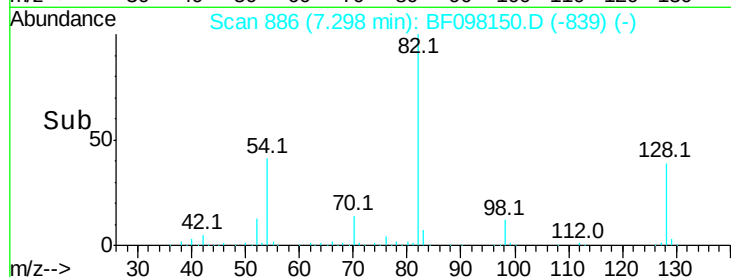
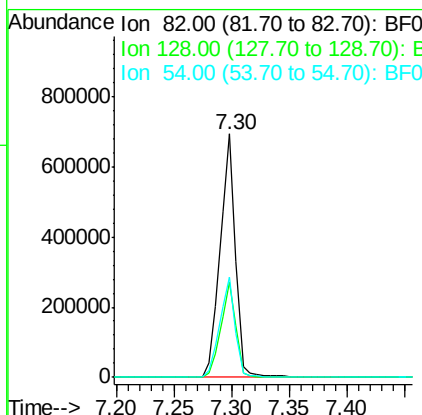
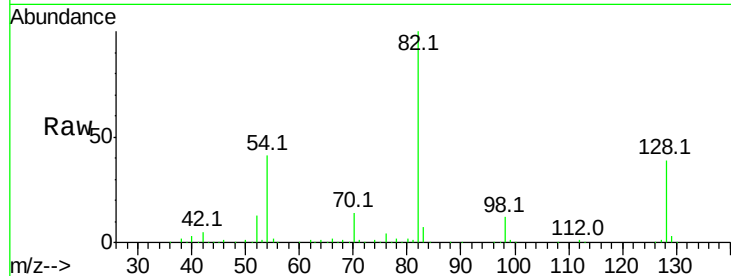




#23
 Nitrobenzene-d5
 Concen: 88.877 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098150.D
 Acq: 30 Aug 2017 10:47

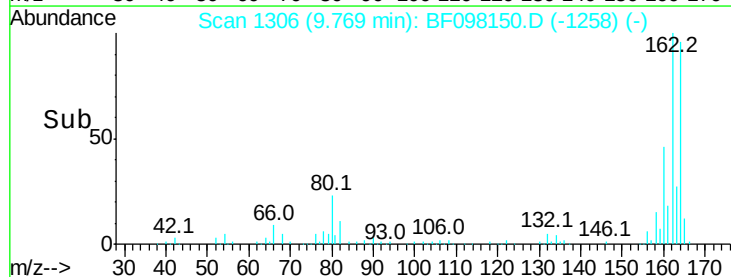
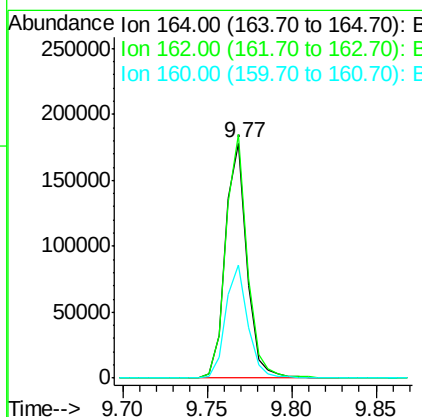
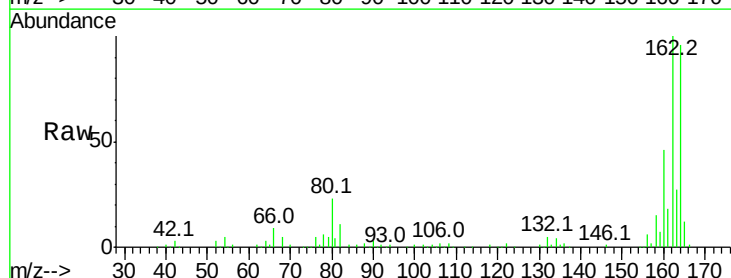
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-082517-A

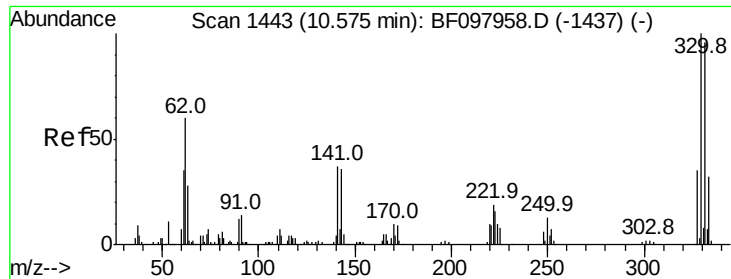
Tot Ion	82	Resp	641169
Ion Ratio	Lower	Upper	
82	100		
128	38.8	34.0	51.0
54	41.3	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098150.D
 Acq: 30 Aug 2017 10:47

Tgt Ion	164	Resp	157794
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	48.0	36.2	54.2

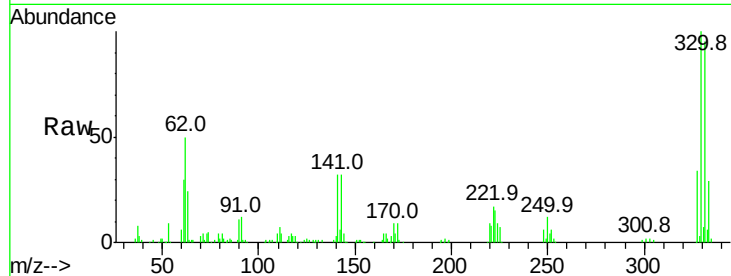




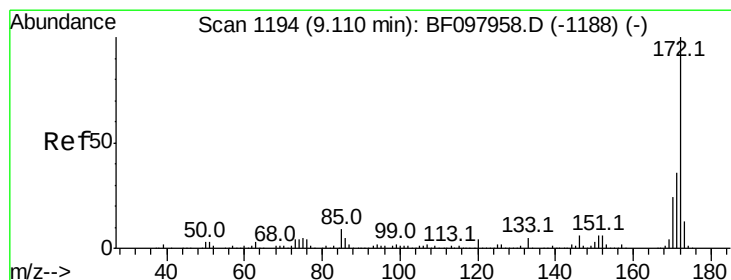
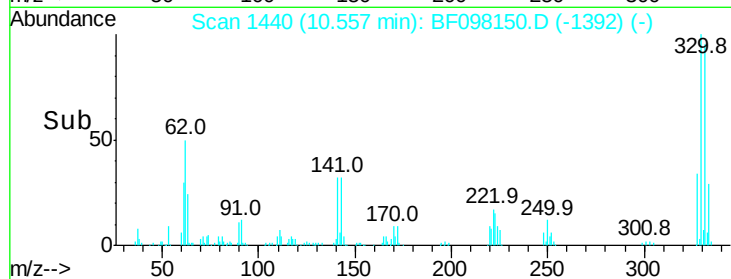
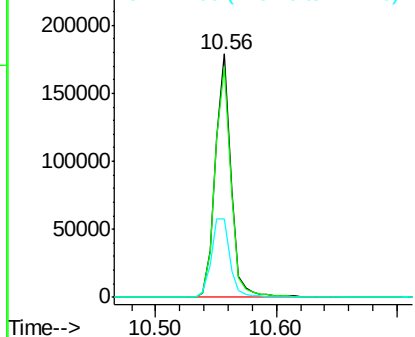
#41
 2,4,6-Tribromophenol
 Concen: 115.838 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098150.D
 Acq: 30 Aug 2017 10:47

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.1	31.4	47.2

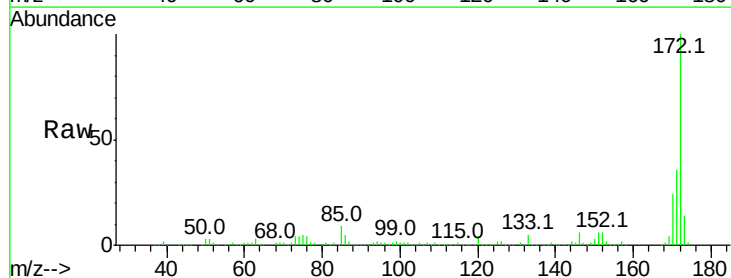


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

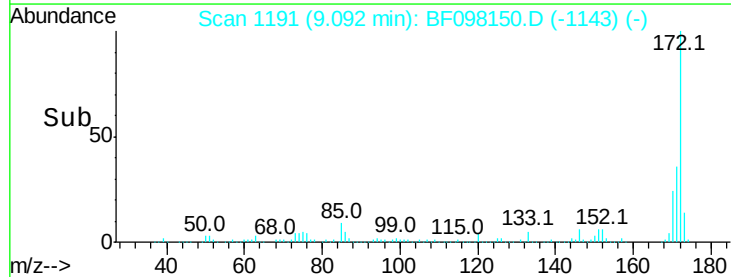
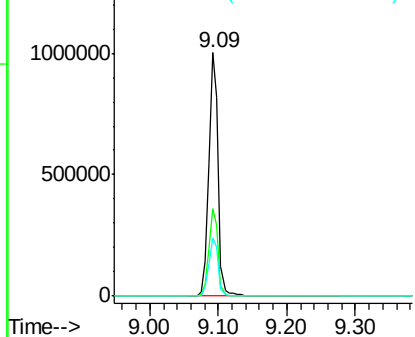


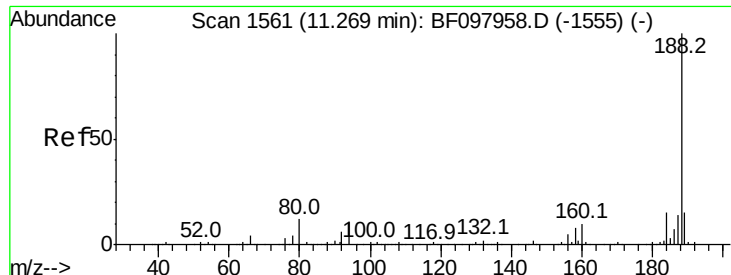
#44
 2-Fluorobiphenyl
 Concen: 90.109 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098150.D
 Acq: 30 Aug 2017 10:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	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: BF098150.D

Acq: 30 Aug 2017 10:47

Instrument :

BNA_F

ClientSampleId :

EO-01-082517-A

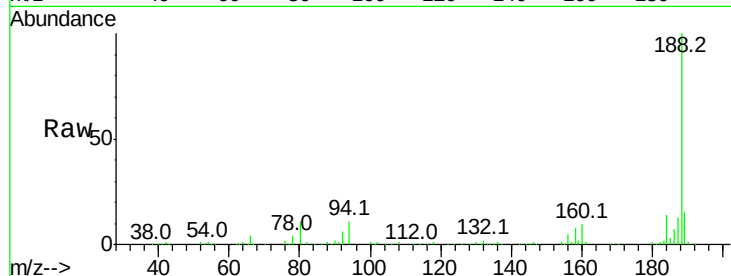
Tot Ion:188 Resp: 246771

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

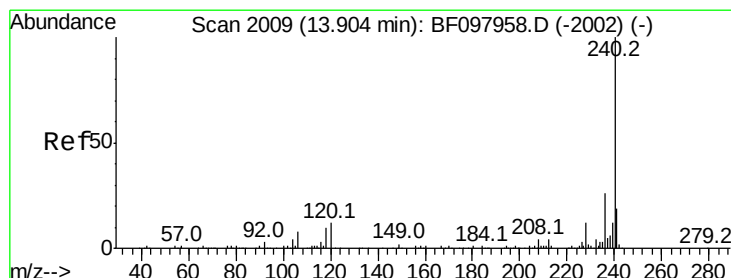
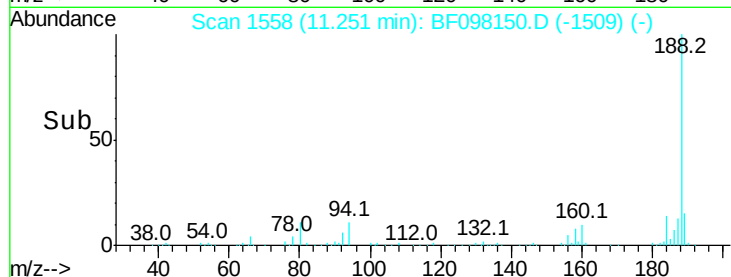
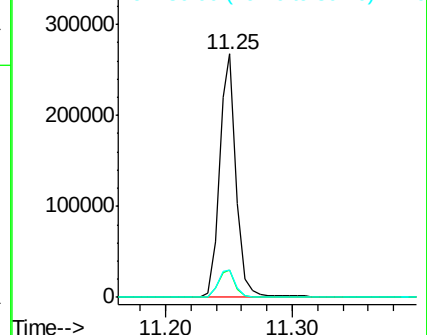
80 11.2 10.2 15.2



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: BF098150.D

Acq: 30 Aug 2017 10:47

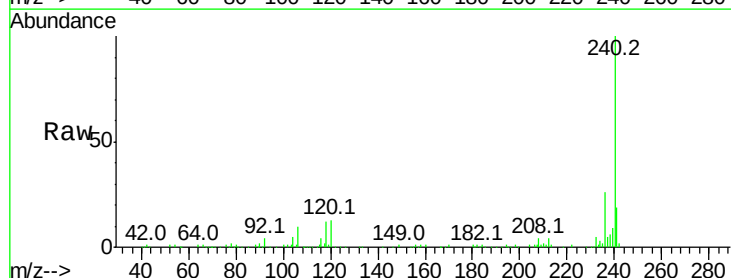
Tgt Ion:240 Resp: 210526

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

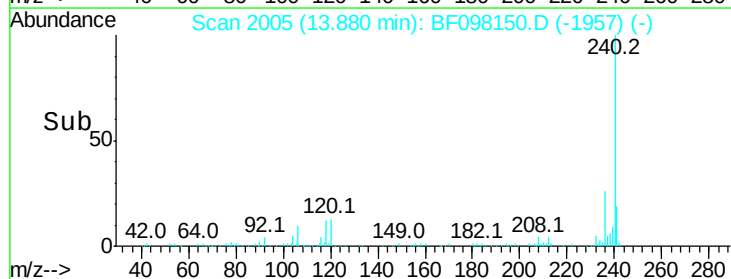
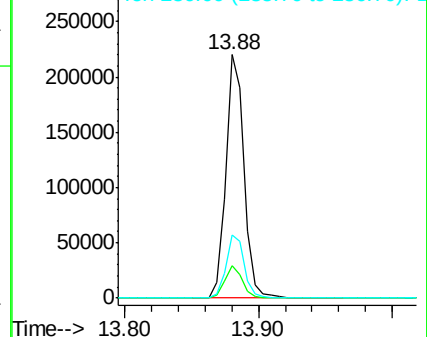
236 25.8 20.5 30.7

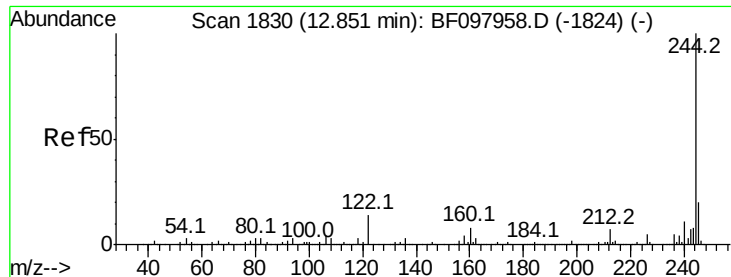


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.409 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098150.D

Acq: 30 Aug 2017 10:47

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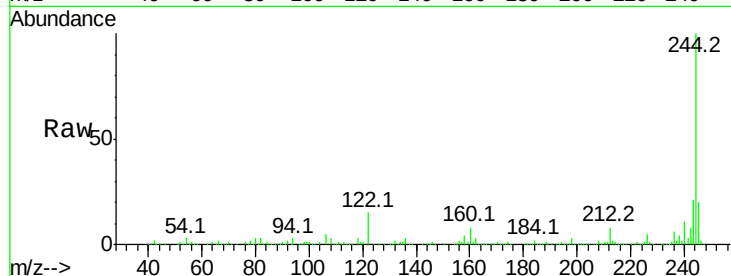
Tot Ion:244 Resp: 630056

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

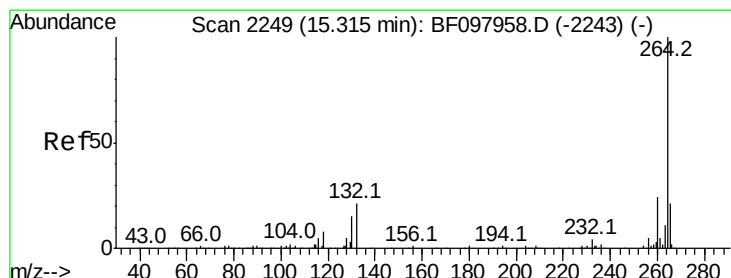
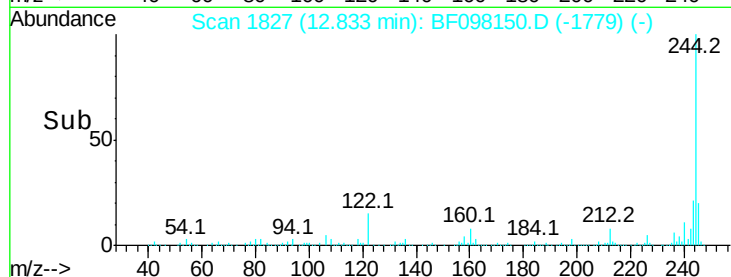
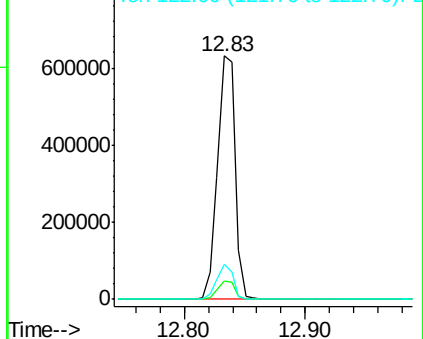
122 14.5 10.3 15.5



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# 2247

Delta R.T. -0.01 min

Lab File: BF098150.D

Acq: 30 Aug 2017 10:47

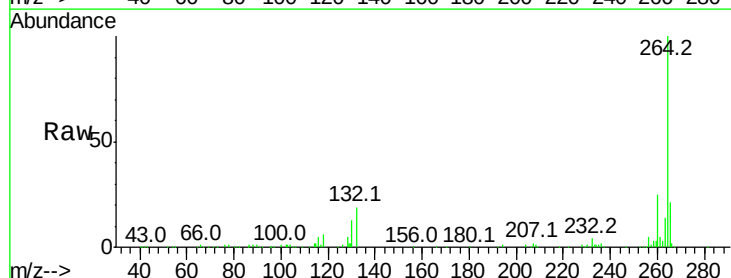
Tgt Ion:264 Resp: 179831

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 20.7 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

