

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099653.D
 Acq On : 19 Oct 2017 8:43
 Operator : SJ/JU
 Sample : I5953-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101717-B

Quant Time: Oct 19 17:33:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85336	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	301162	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	105517	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	174353	20.00	ng	0.00
75) Chrysene-d12	13.99	240	181532	20.00	ng	0.00
86) Perylene-d12	15.46	264	146898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	655445	122.27	ng	0.02
7) Phenol-d6	6.47	99	679037	102.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	444980	94.76	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	121557	140.79	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	761229	120.44	ng	0.00
78) Terphenyl-d14	12.93	244	644226	80.71	ng	0.00

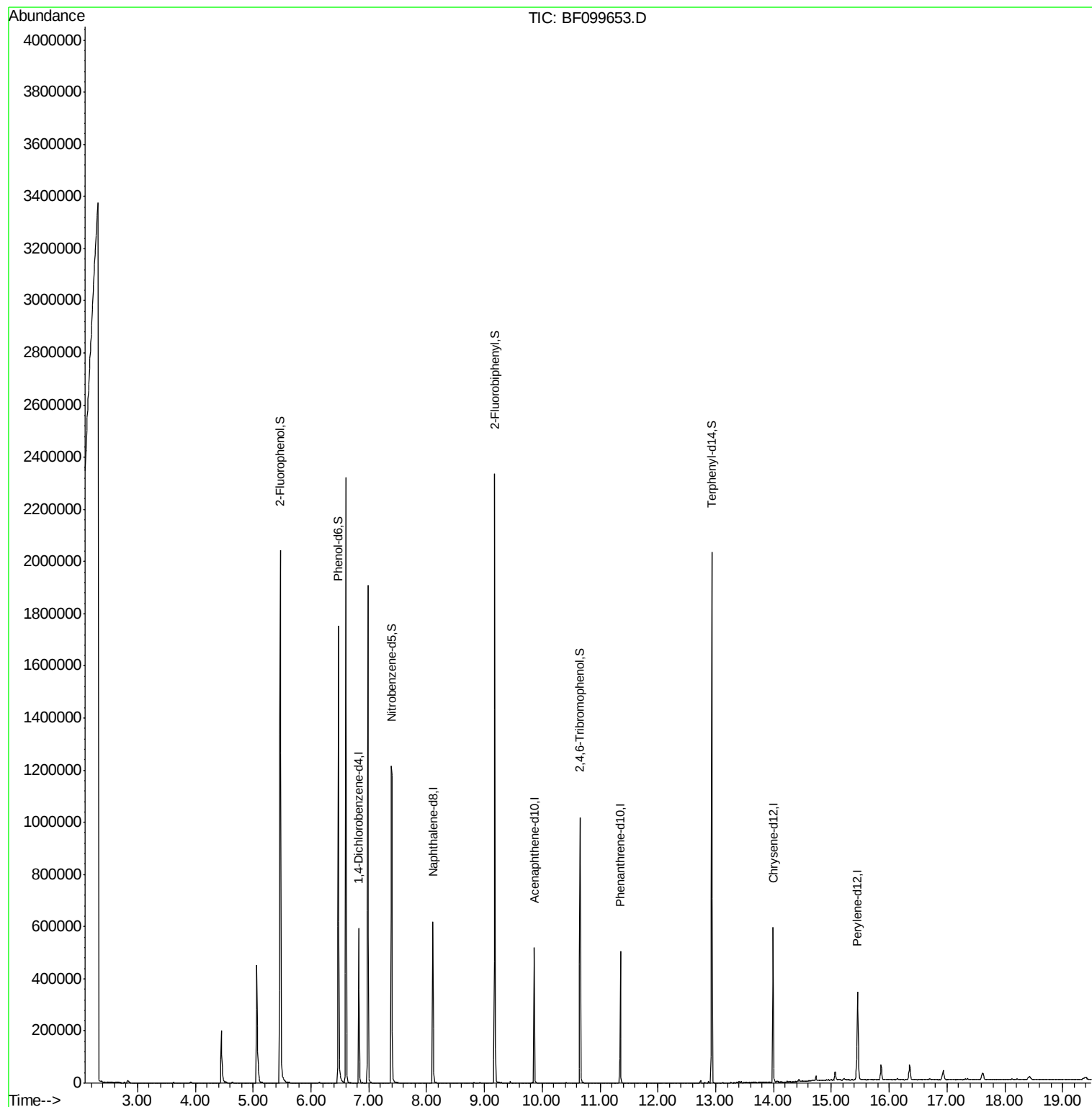
Target Compounds Qvalue

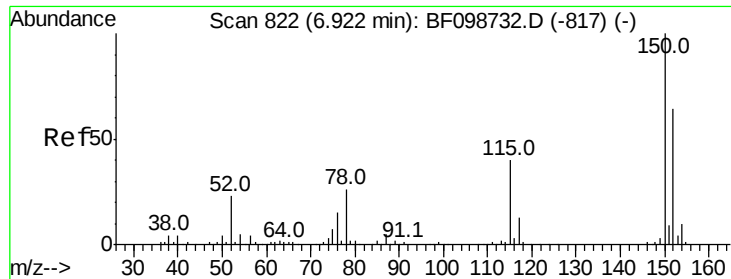
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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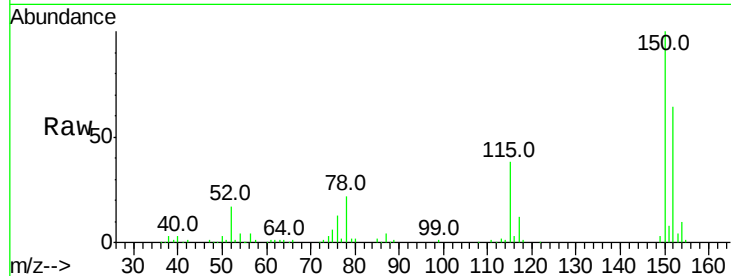


#1

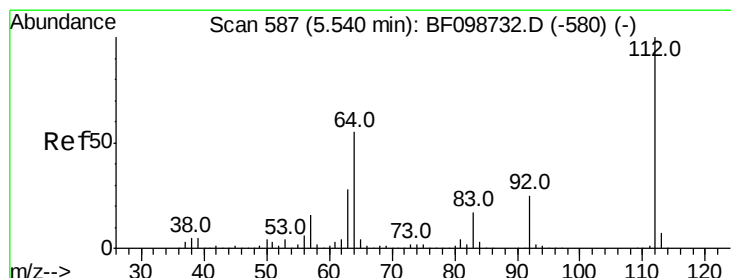
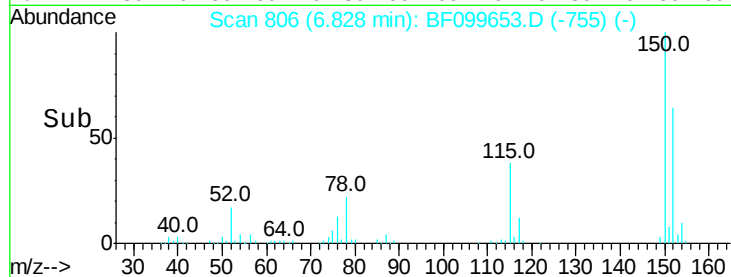
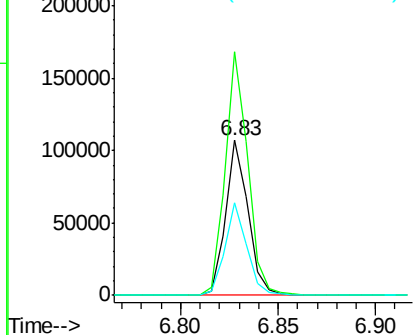
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101717-B

Tot Ion:152 Resp: 85336
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 59.7 50.1 75.1



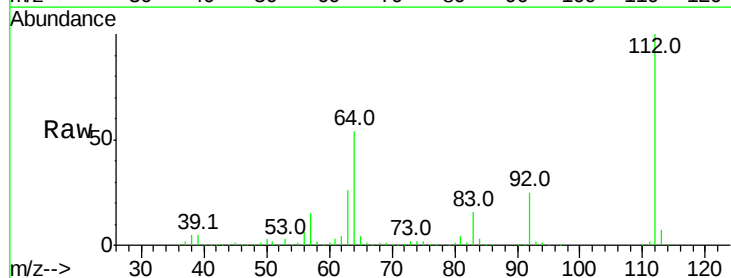
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



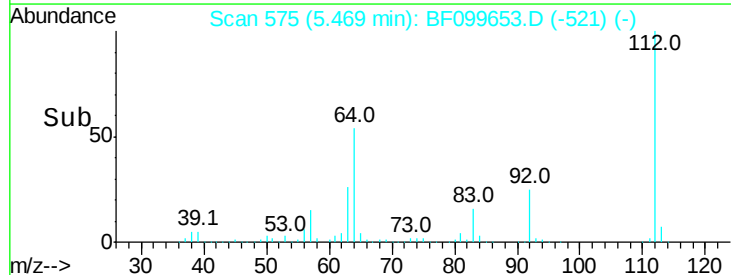
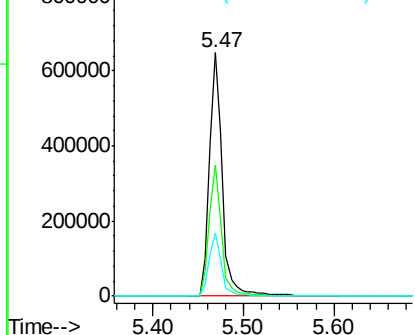
#5

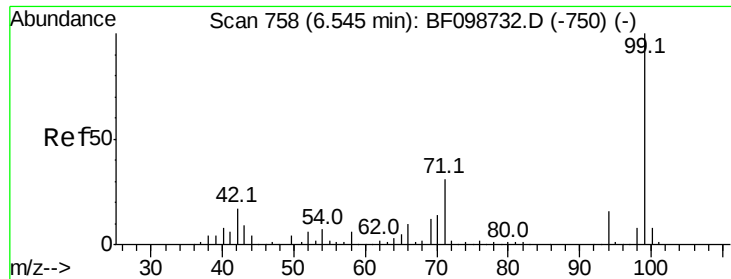
2-Fluorophenol
 Concen: 122.270 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

Tgt Ion:112 Resp: 655445
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 26.0 23.7 35.5



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: 102.683 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

EO-02-101717-B

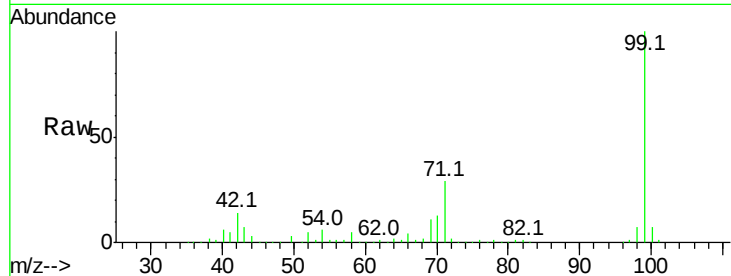
Tot Ion: 99 Resp: 679037

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

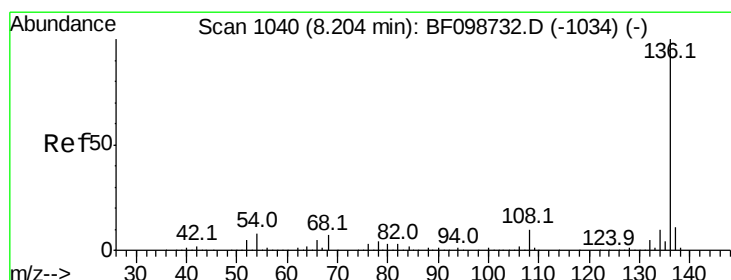
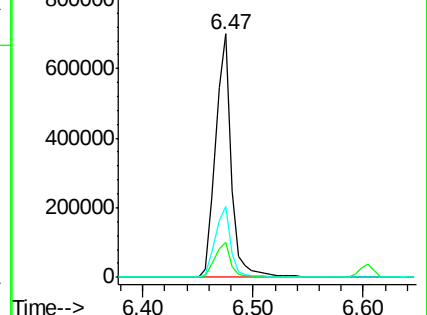
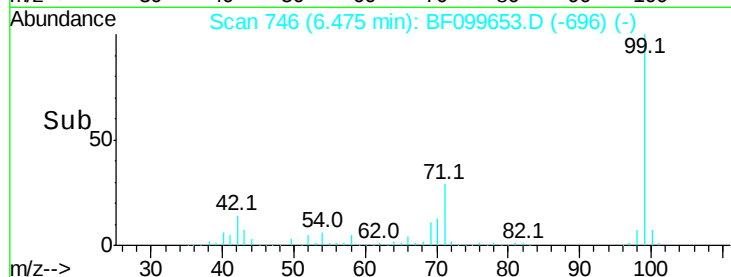
71 29.3 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Tgt Ion: 136 Resp: 301162

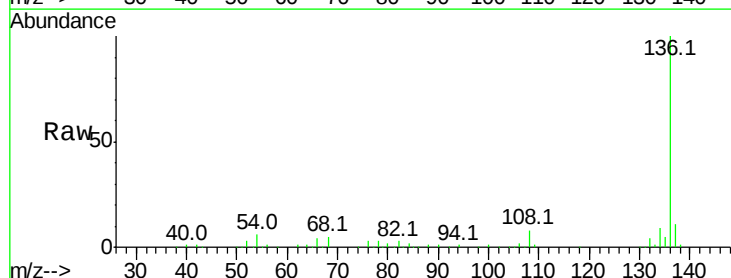
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.4 5.0 7.4

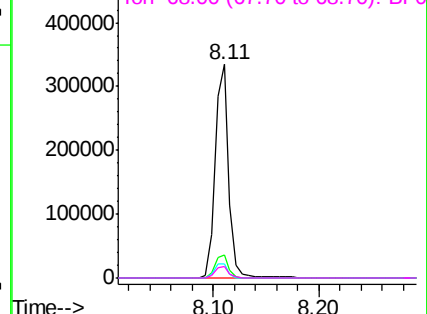
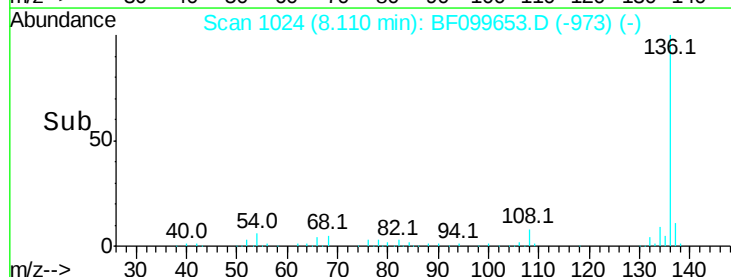


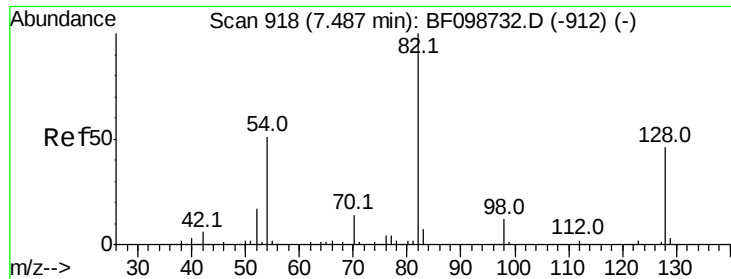
Abundance Ion 136.00 (135.70 to 136.70): E

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

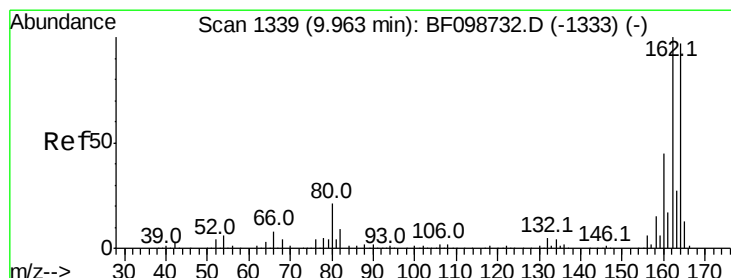
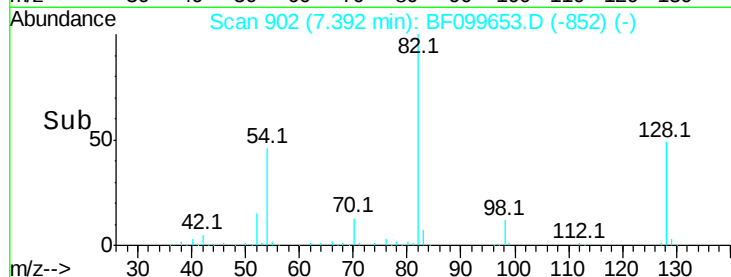
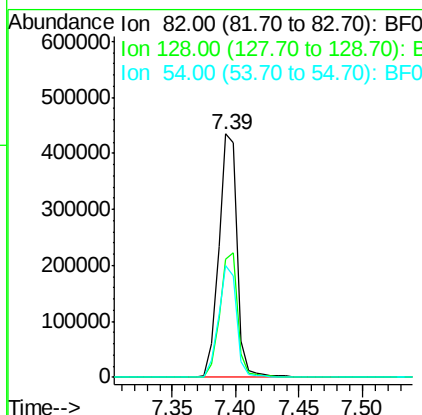
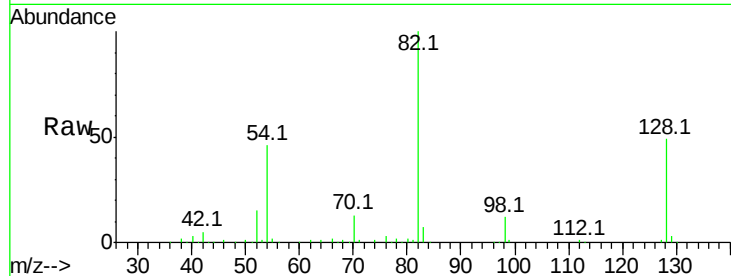




#23
 Nitrobenzene-d5
 Concen: 94.755 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

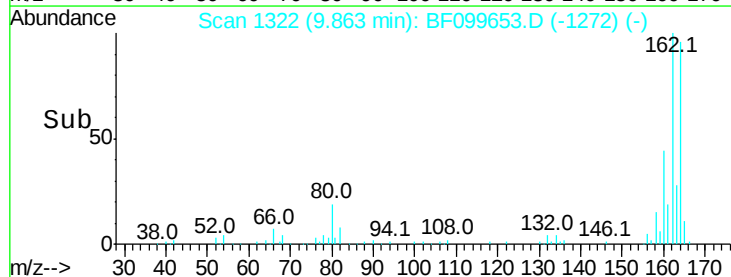
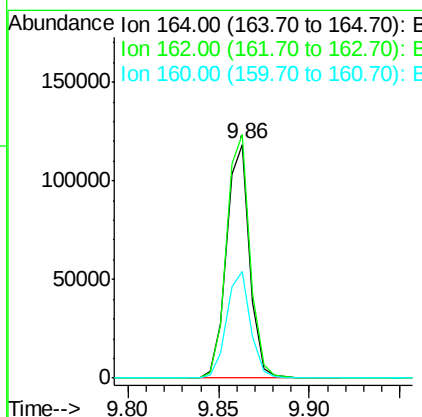
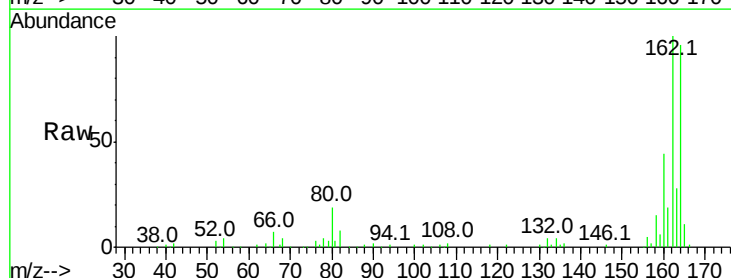
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101717-B

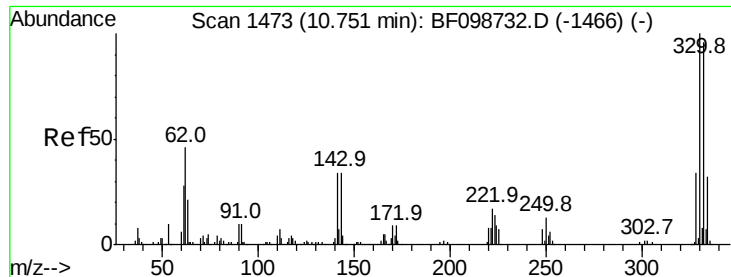
Tot Ion	82	Resp	444980
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	45.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

Tgt Ion	164	Resp	105517
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	45.9	38.3	57.5

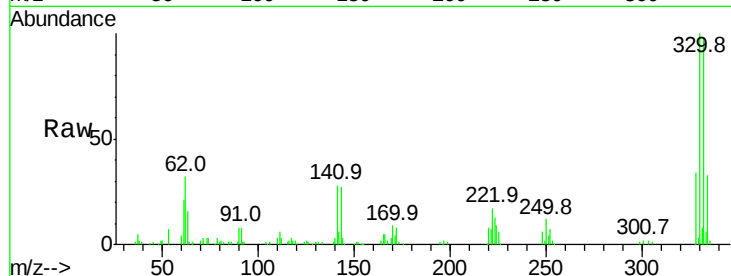




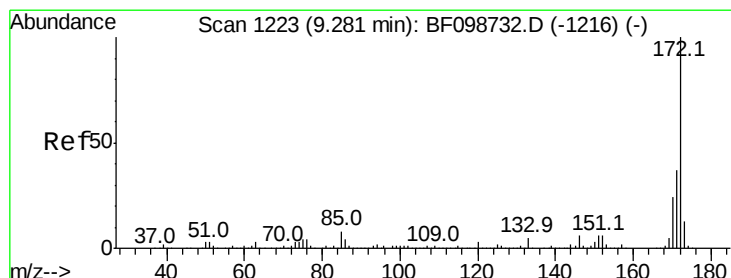
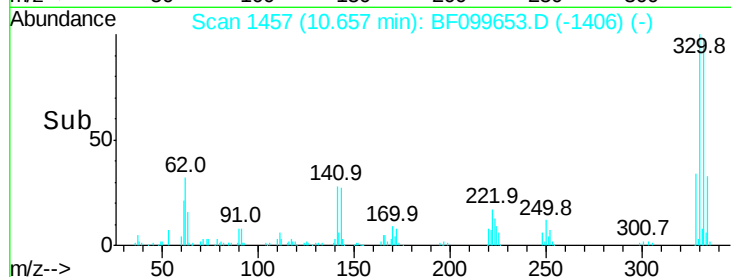
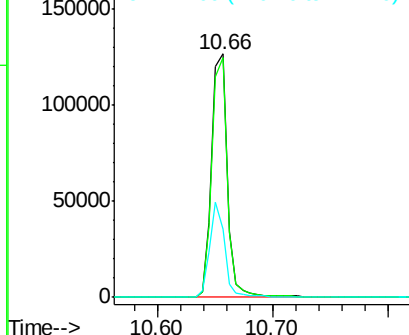
#41
 2,4,6-Tribromophenol
 Concen: 140.786 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101717-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.4	29.9	44.9

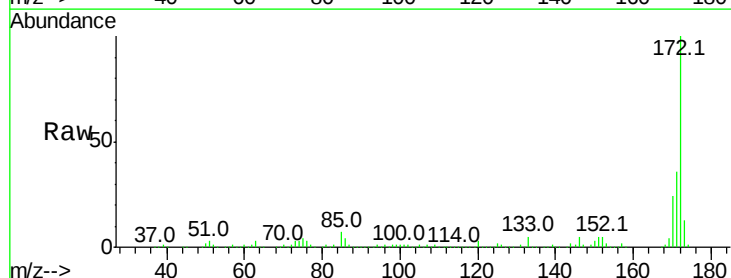


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

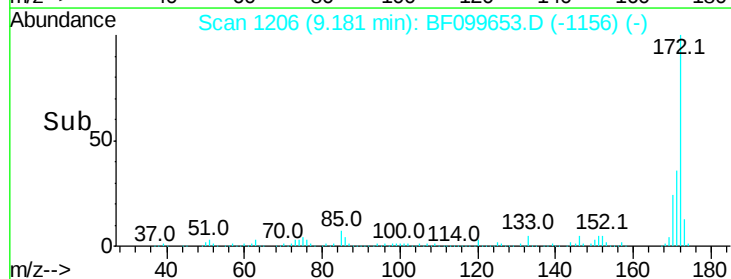
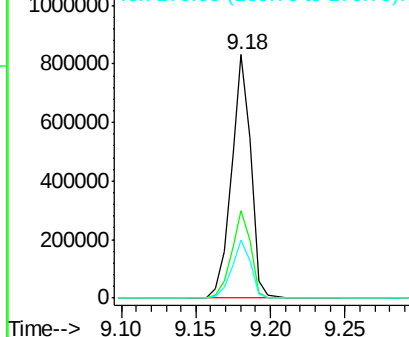


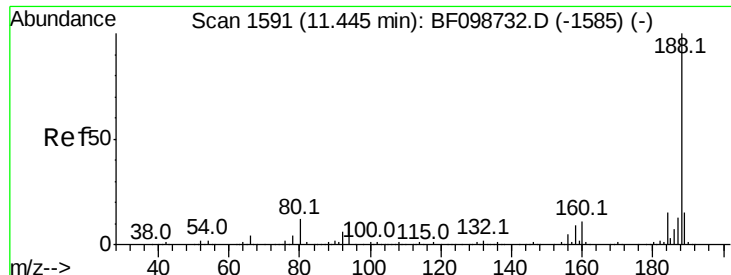
#44
 2-Fluorobiphenyl
 Concen: 120.436 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099653.D
 Acq: 19 Oct 2017 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

EO-02-101717-B

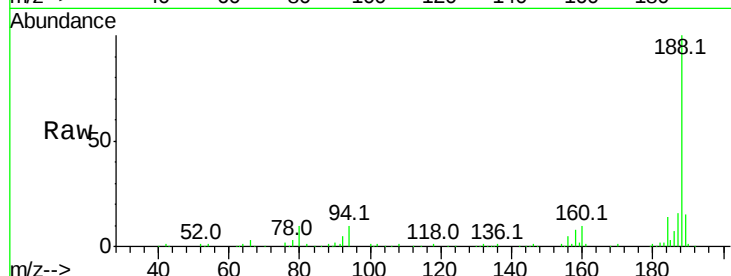
Tot Ion:188 Resp: 174353

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

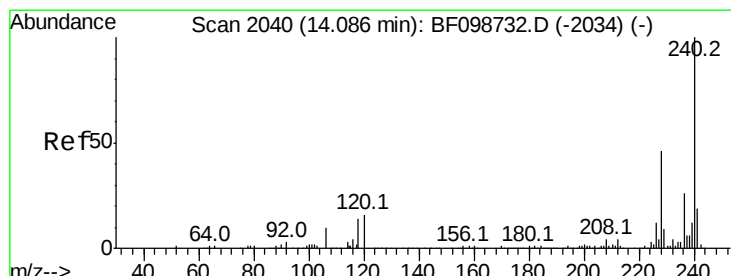
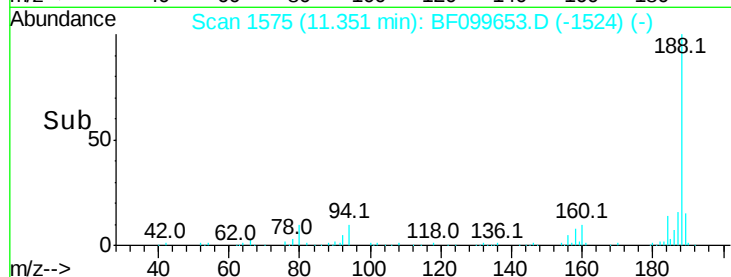
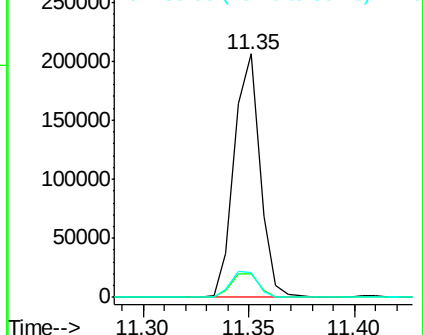
80 10.1 9.2 13.8



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

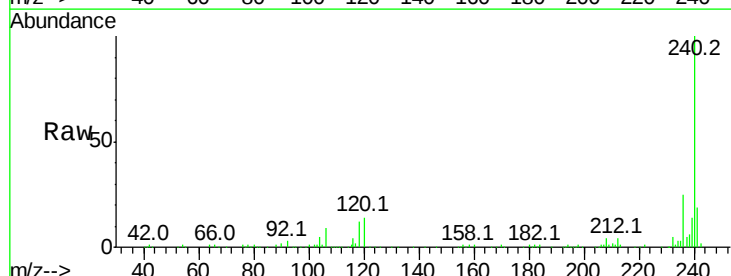
Tgt Ion:240 Resp: 181532

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

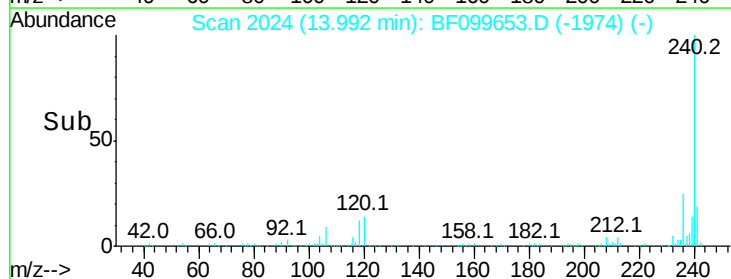
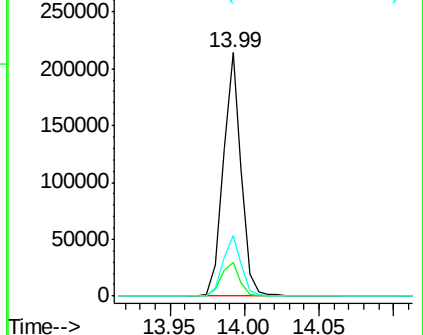
236 25.1 20.7 31.1

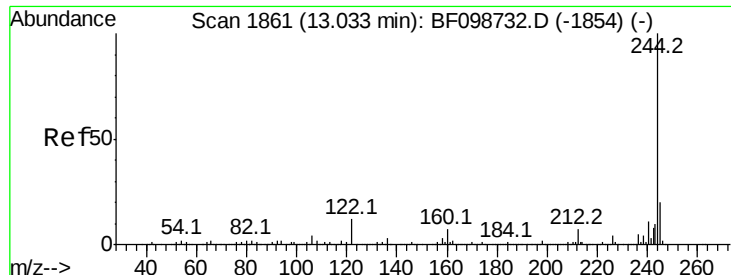


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.708 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

Instrument :

BNA_F

ClientSampleId :

EO-02-101717-B

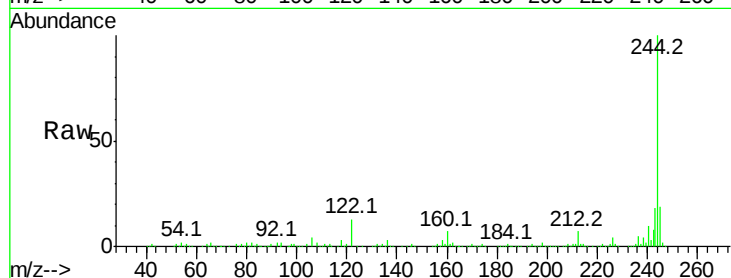
Tot Ion:244 Resp: 644226

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

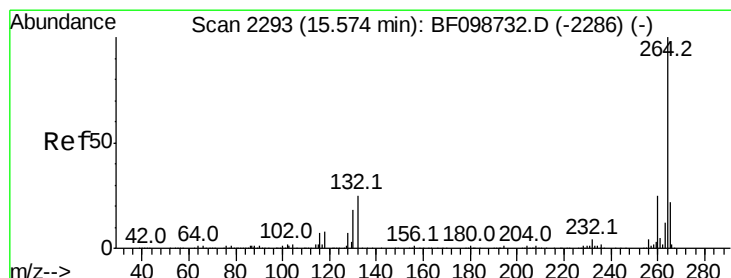
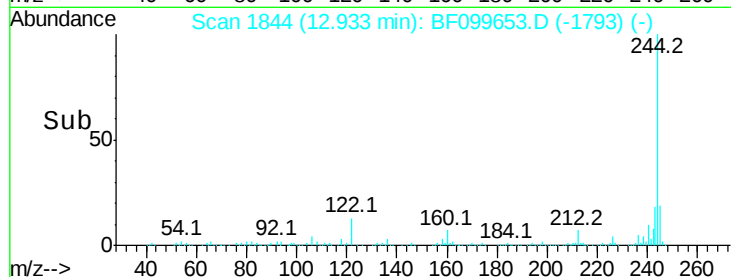
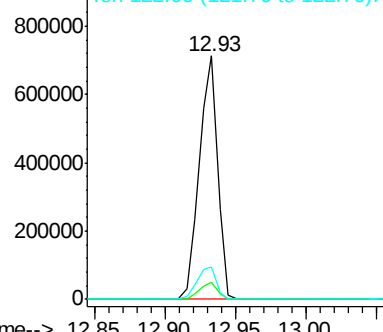
122 13.2 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099653.D

Acq: 19 Oct 2017 8:43

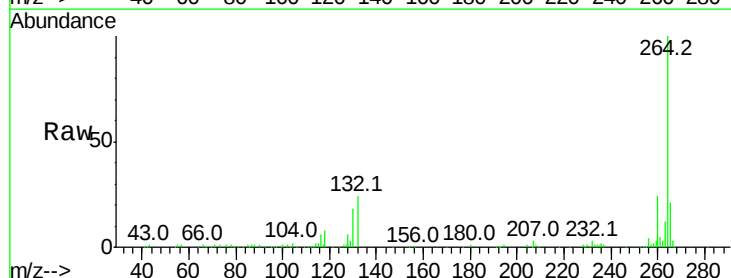
Tgt Ion:264 Resp: 146898

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.5 26.3



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

