

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093692.D
 Acq On : 16 Mar 2017 5:07
 Operator : SJ/MA
 Sample : PB97590BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BL

Quant Time: Mar 16 05:44:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	146733	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	551195	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	208981	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	337321	20.00	ng	0.00
75) Chrysene-d12	13.89	240	309974	20.00	ng	0.00
86) Perylene-d12	15.29	264	251748	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	912213	103.47	ng	-0.01
7) Phenol-d6	6.37	99	1118784	100.63	ng	-0.01
23) Nitrobenzene-d5	7.28	82	880975	88.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	109022	80.07	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1321575	117.63	ng	-0.01
78) Terphenyl-d14	12.84	244	962393	80.72	ng	0.01

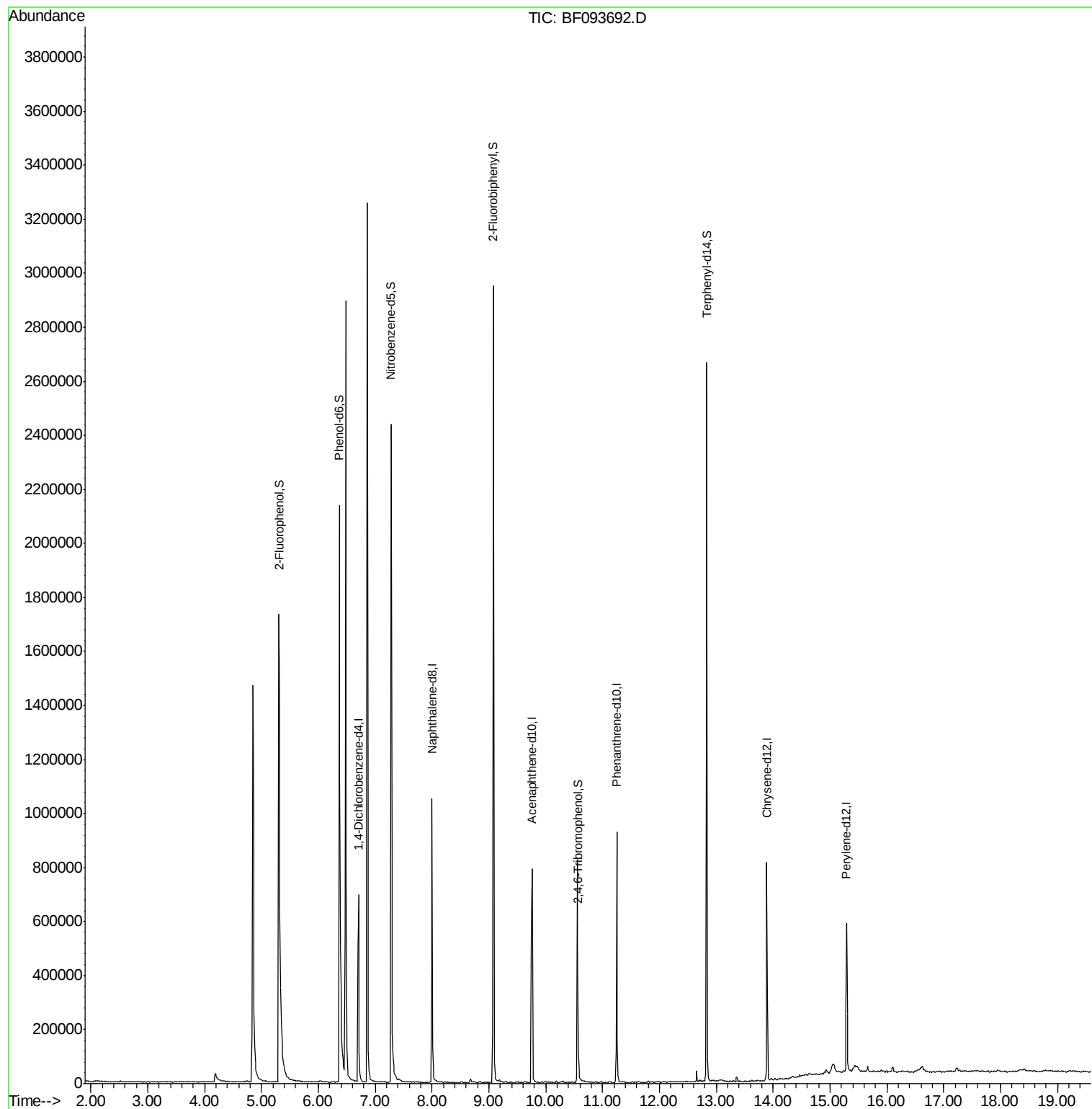
Target Compounds Qvalue

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

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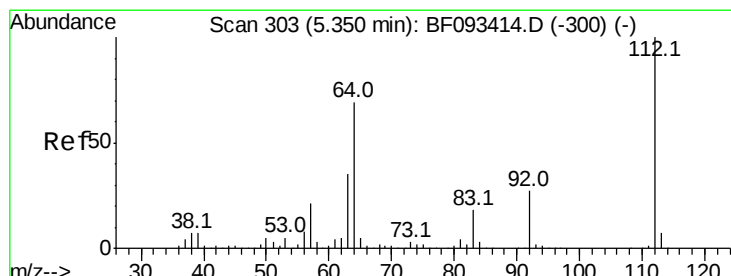
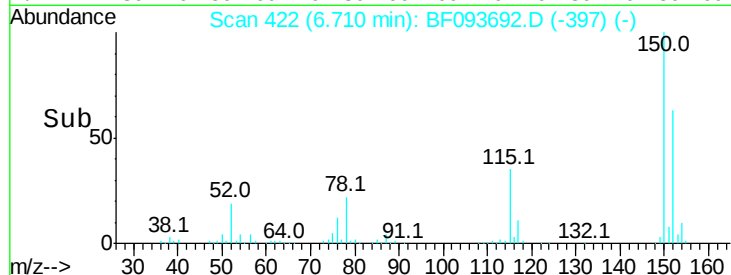
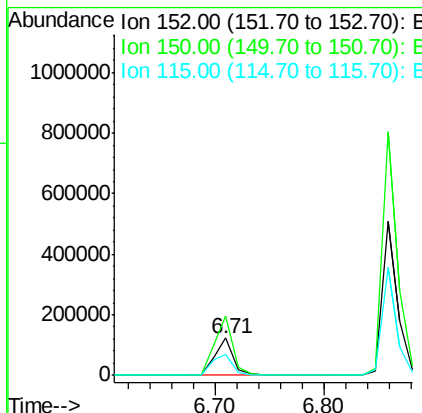
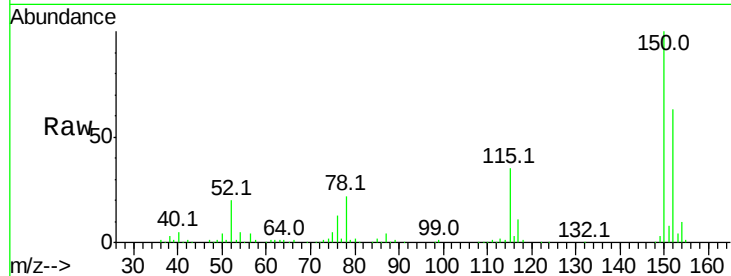


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

Instrument :
BNA_F
ClientSampleId :
PB97590BL

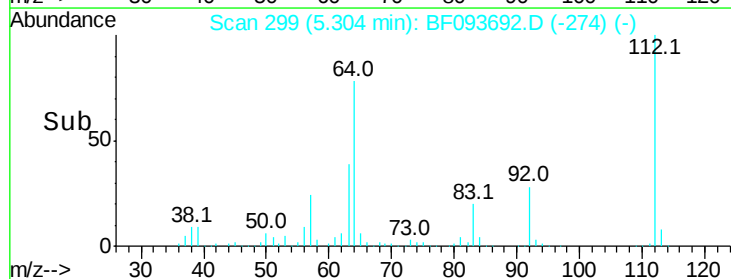
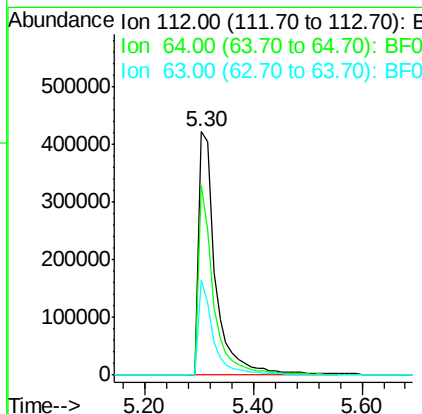
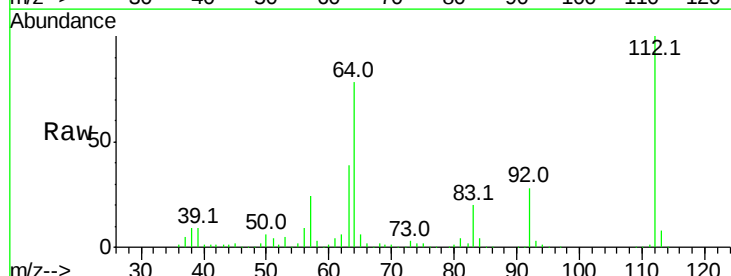
Tot Ion:152 Resp: 146733
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 56.3 46.0 69.0

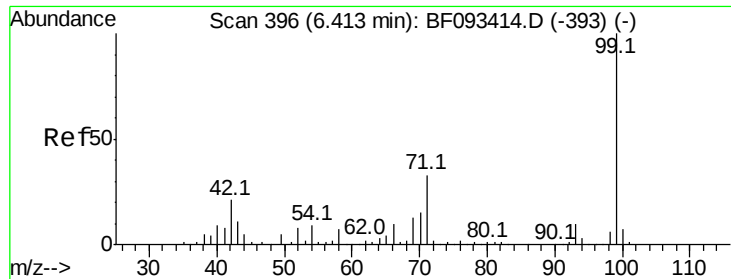


#5

2-Fluorophenol
Concen: 103.47 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

Tgt Ion:112 Resp: 912213
Ion Ratio Lower Upper
112 100
64 77.8 46.1 69.1#
63 39.3 23.8 35.6#





#7

Phenol-d6

Concen: 100.63 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Instrument :

BNA_F

ClientSampleId :

PB97590BL

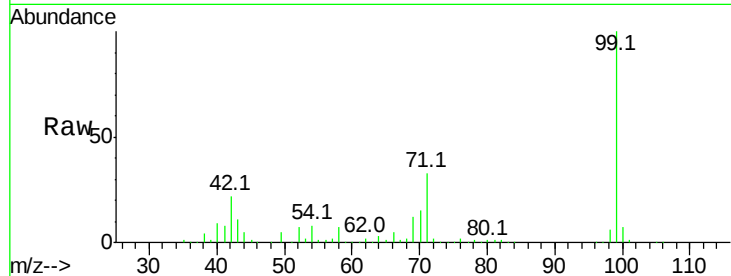
Tot Ion: 99 Resp: 1118784

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

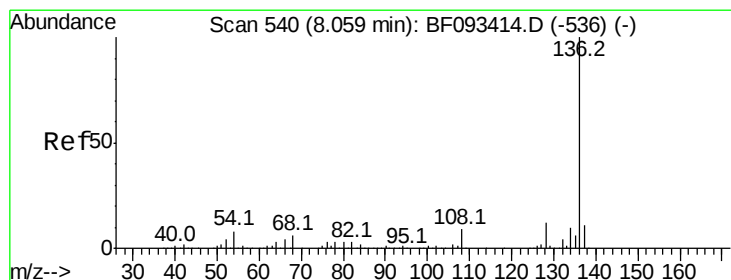
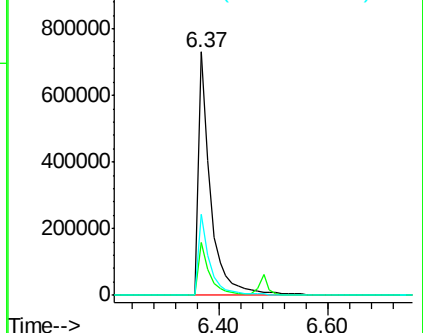
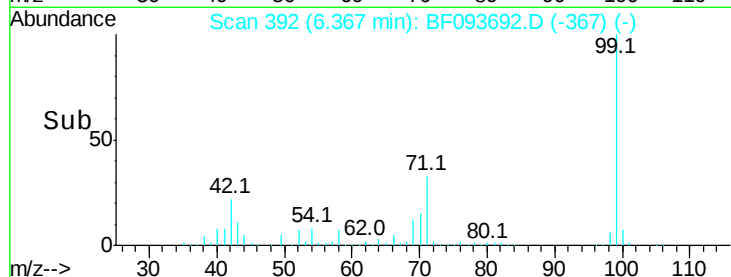
71 33.4 27.5 41.3



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: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093692.D

Acq: 16 Mar 2017 5:07

Tgt Ion: 136 Resp: 551195

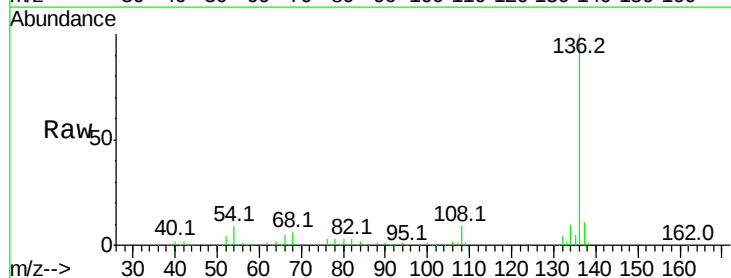
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.7 4.5 6.7#

68 6.2 3.6 5.4#

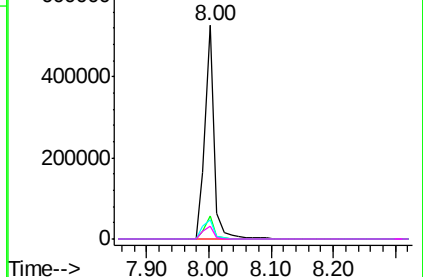
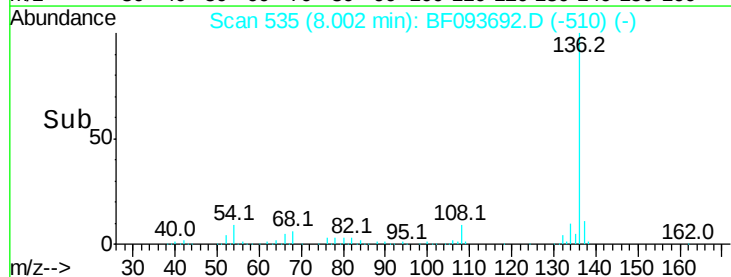


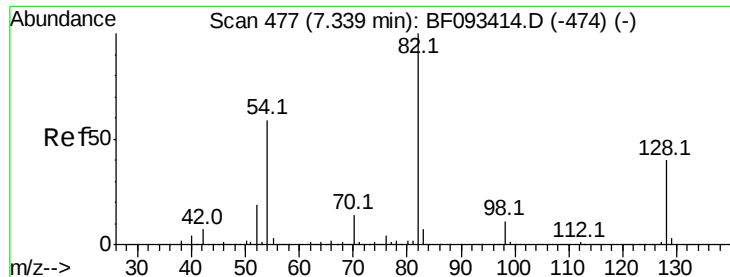
Abundance Ion 136.00 (135.70 to 136.70): E

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

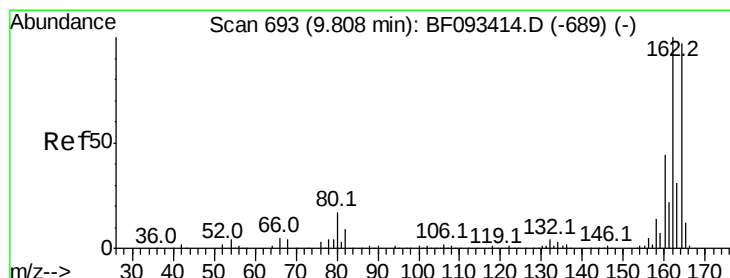
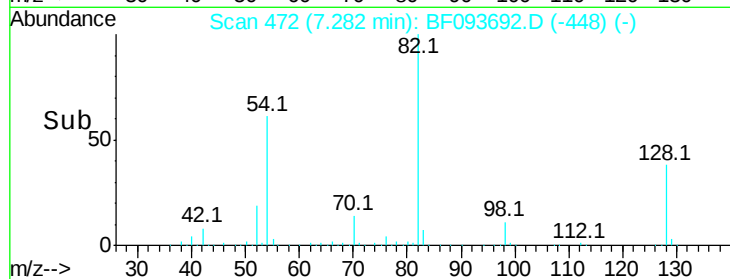
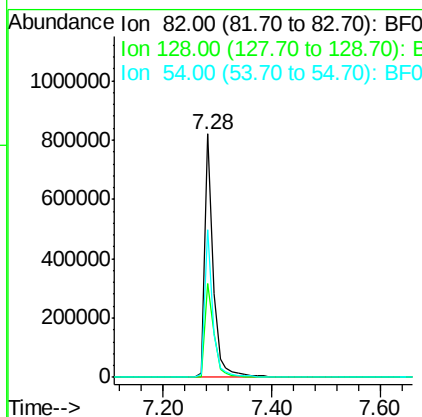
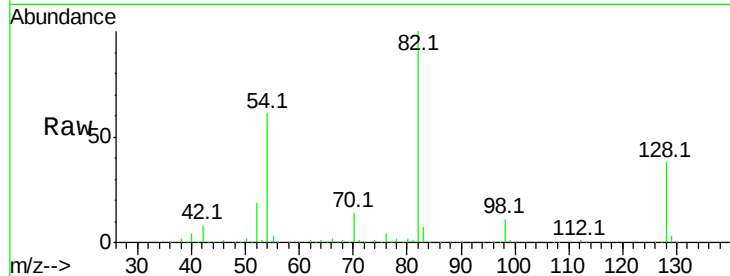




#23
 Nitrobenzene-d5
 Concen: 88.68 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

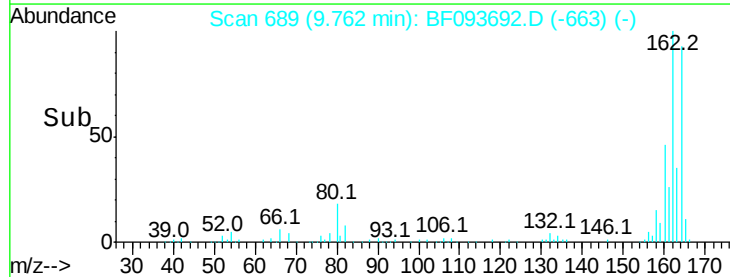
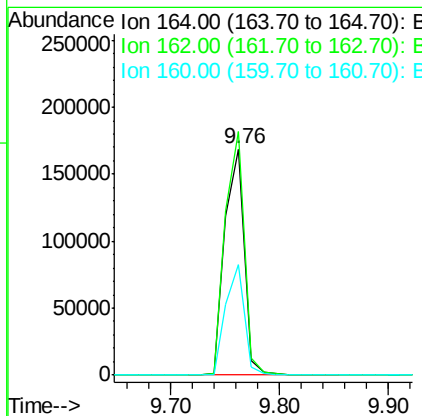
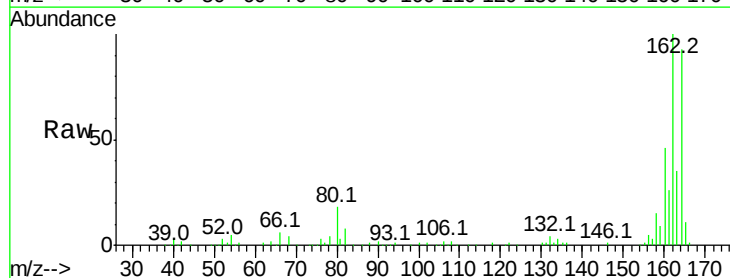
Instrument :
 BNA_F
 ClientSampleId :
 PB97590BL

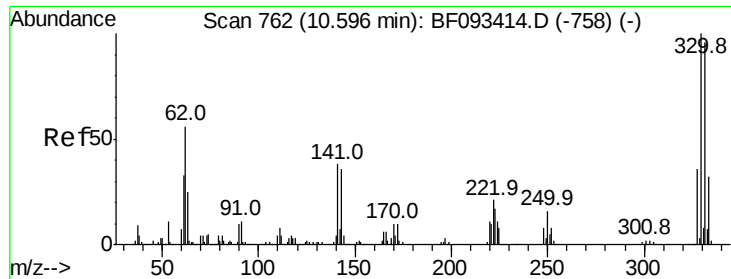
Tot Ion:	82	Resp:	880975
Ion Ratio	Lower	Upper	
82	100		
128	38.3	34.6	52.0
54	60.6	39.5	59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Tgt Ion:	164	Resp:	208981
Ion Ratio	Lower	Upper	
164	100		
162	107.8	80.2	120.2
160	49.2	36.9	55.3

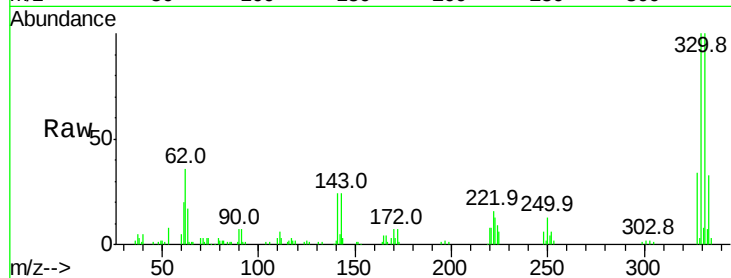




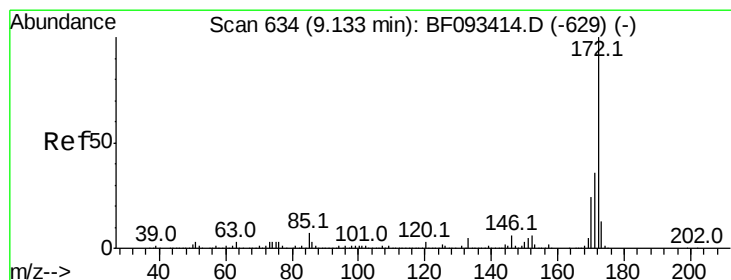
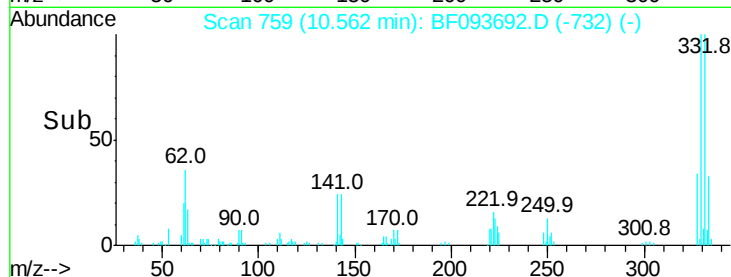
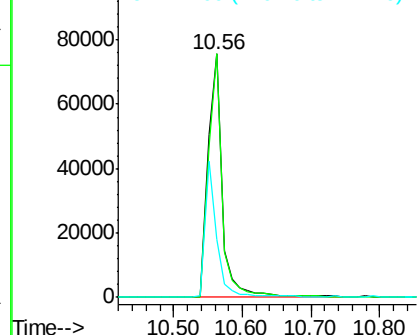
#41
 2,4,6-Tribromophenol
 Concen: 80.07 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Instrument :
 BNA_F
 ClientSampleId :
 PB97590BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	44.7	34.1	51.1

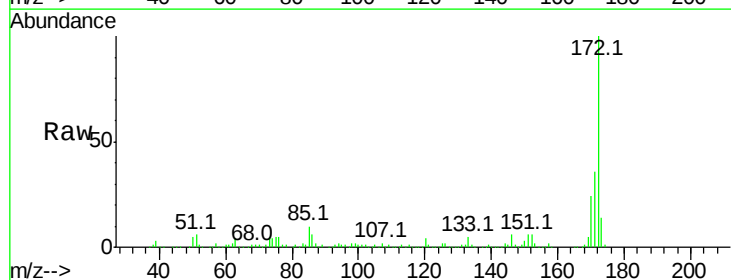


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

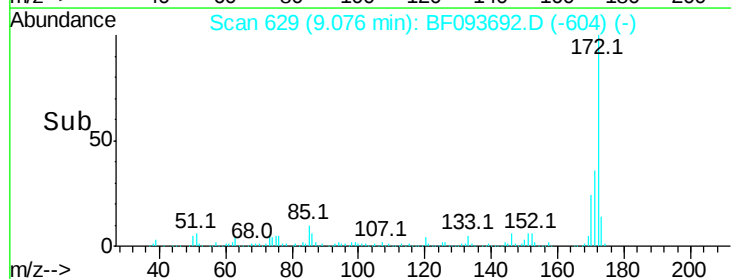
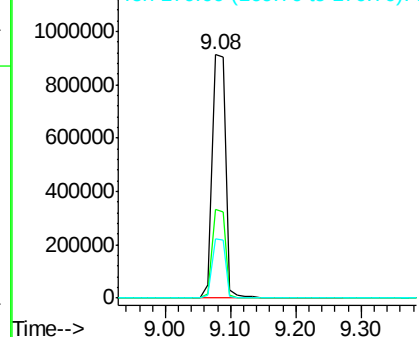


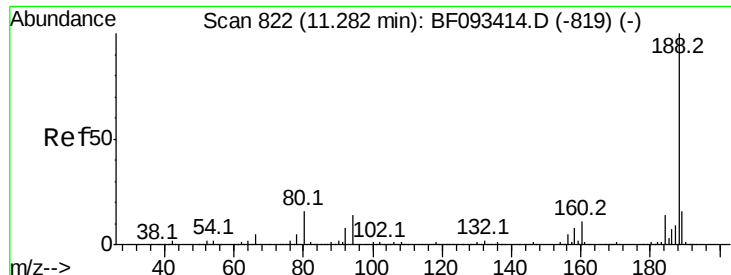
#44
 2-Fluorobiphenyl
 Concen: 117.63 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4



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

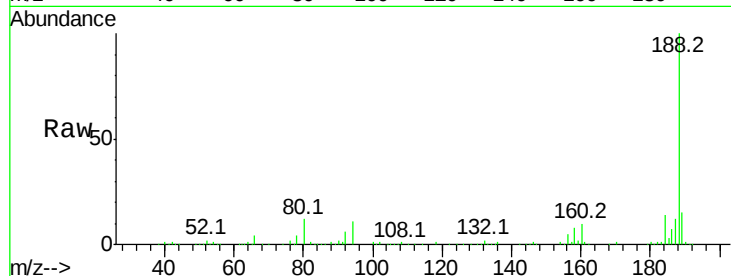




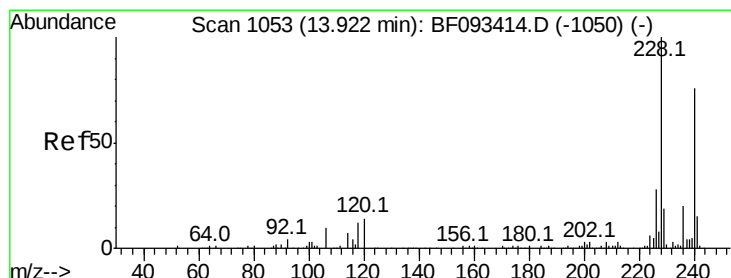
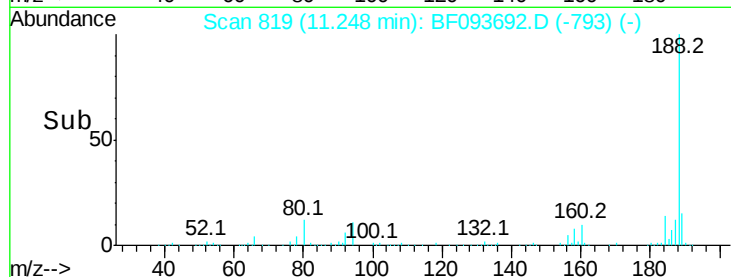
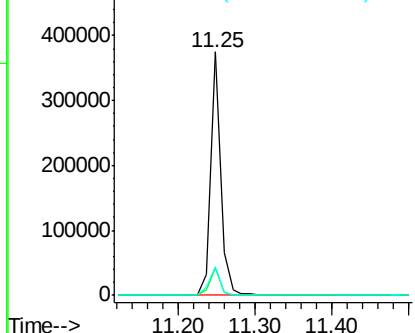
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

Instrument :
BNA_F
ClientSampleId :
PB97590BL

Tot Ion:188 Resp: 337321
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.9 11.2 16.8

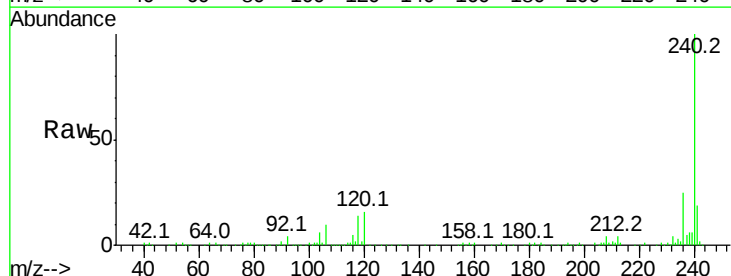


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

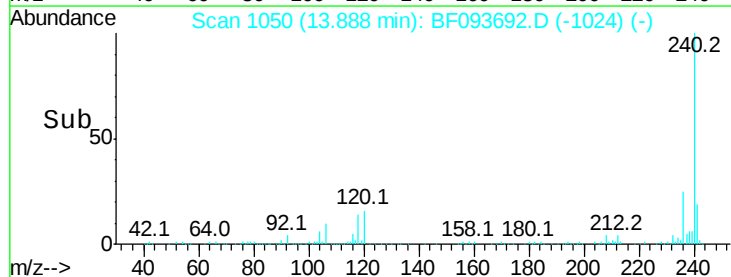
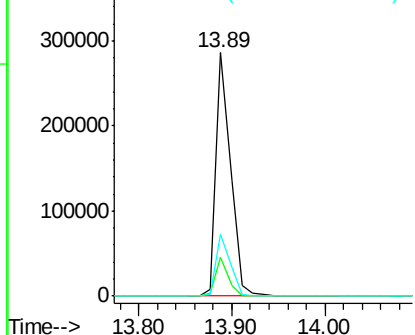


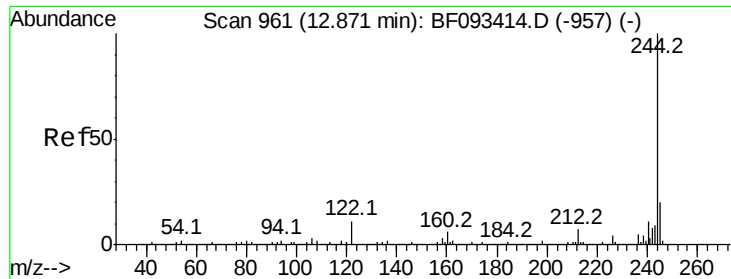
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093692.D
Acq: 16 Mar 2017 5:07

Tgt Ion:240 Resp: 309974
Ion Ratio Lower Upper
240 100
120 16.1 12.9 19.3
236 25.5 20.9 31.3



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

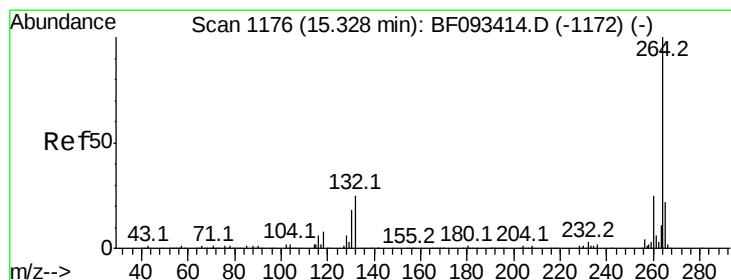
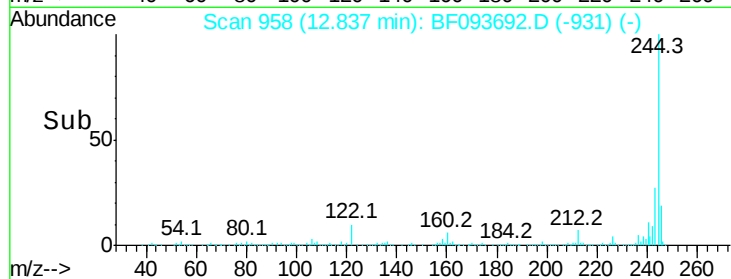
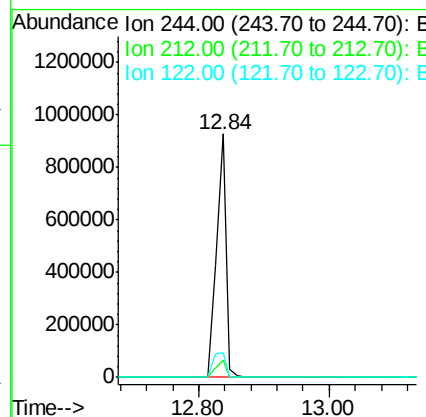
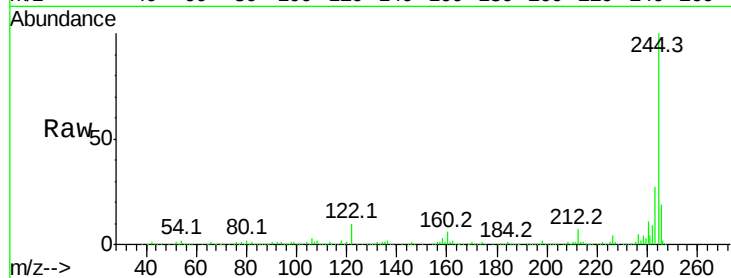




#78
 Terphenyl-d14
 Concen: 80.72 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Instrument :
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 ClientSampleID :
 PB97590BL

Tot Ion:244 Resp: 962393
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093692.D
 Acq: 16 Mar 2017 5:07

Tgt Ion:264 Resp: 251748
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.8 17.4 26.0

