

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092928.D
 Acq On : 13 Feb 2017 19:51
 Operator : SJ/MA
 Sample : I1788-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-021017

Quant Time: Feb 14 01:05:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

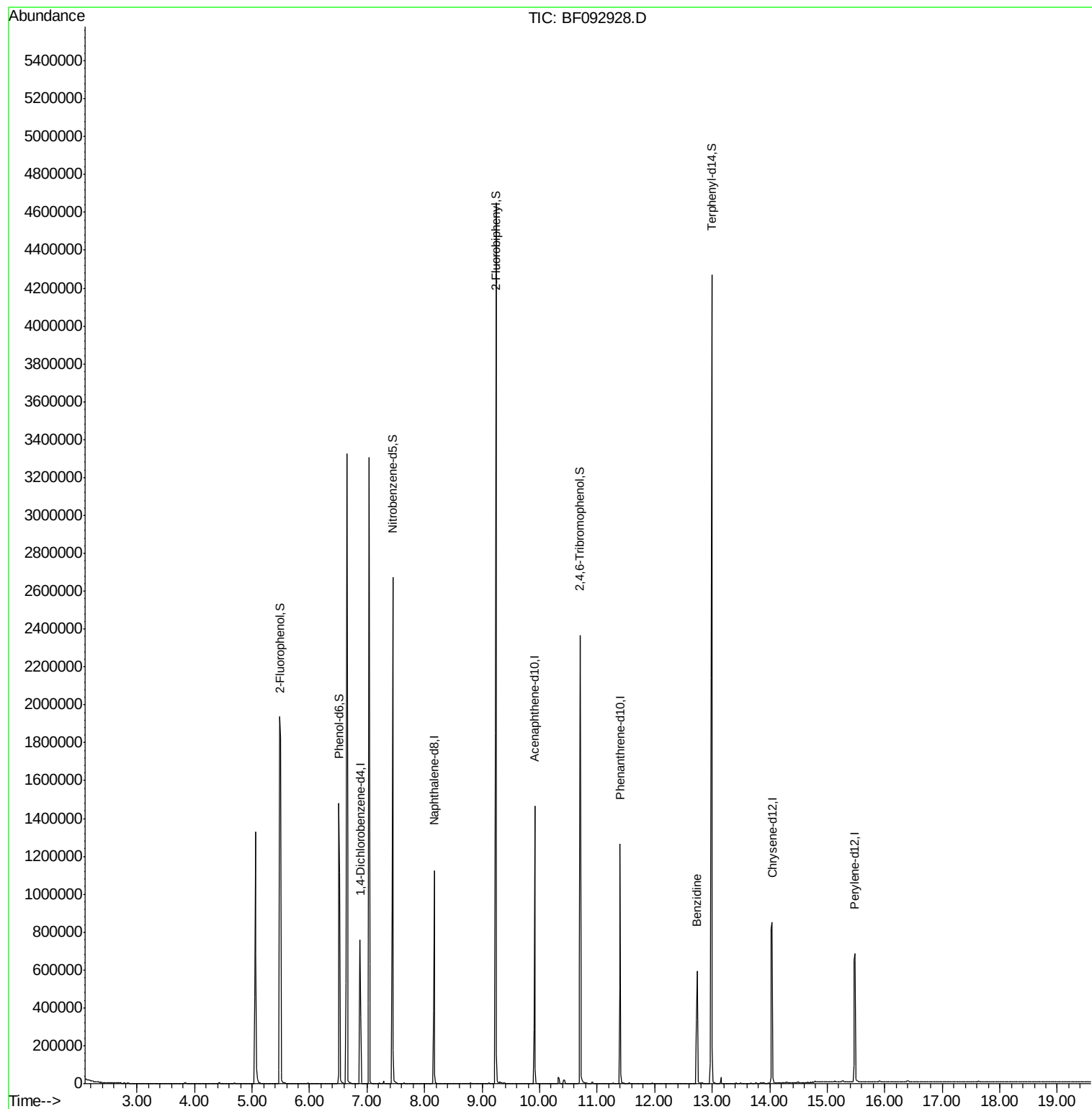
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125536	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	539852	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	307321	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	509729	20.00	ng	0.00
75) Chrysene-d12	14.04	240	440360	20.00	ng	-0.01
86) Perylene-d12	15.48	264	380332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	778476	106.39	ng	0.01
7) Phenol-d6	6.51	99	670581	71.23	ng	-0.02
23) Nitrobenzene-d5	7.45	82	885123	91.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	289517	130.25	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1562753	92.13	ng	0.00
78) Terphenyl-d14	12.99	244	1484131	79.19	ng	0.00
Target Compounds						
76) Benzidine	12.74	184	282169	15.04	ng	Qvalue 98

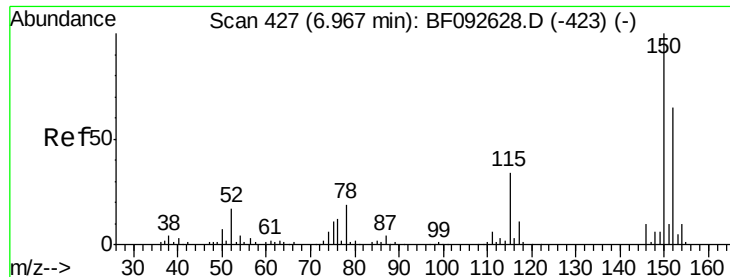
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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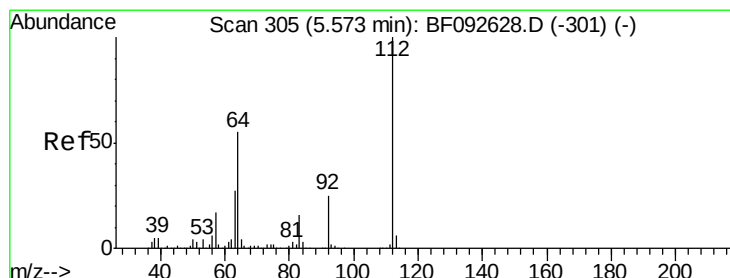
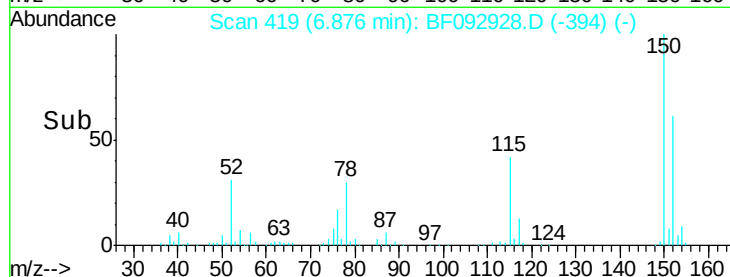
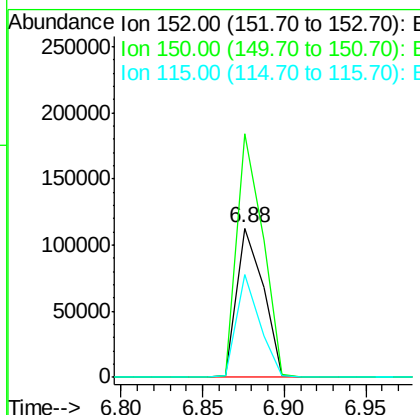
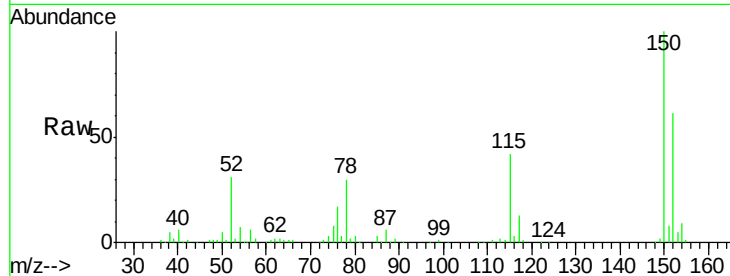




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092928.D
 Acq: 13 Feb 2017 19:51

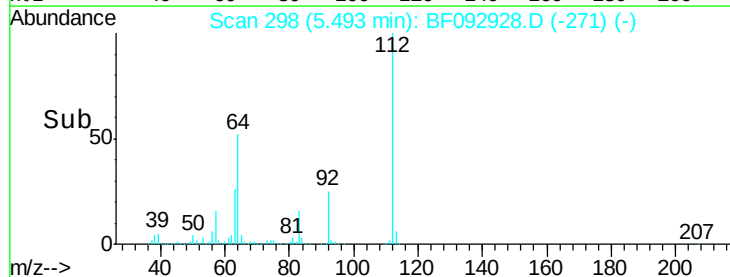
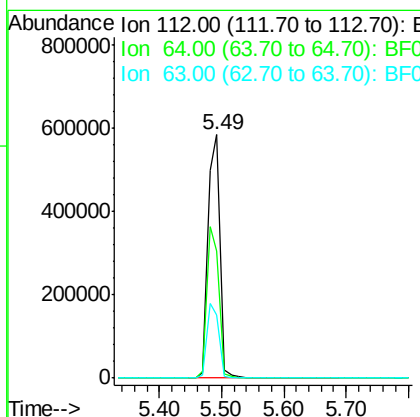
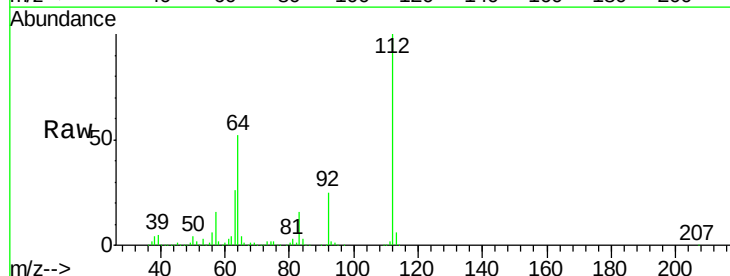
Instrument :
 BNA_F
 ClientSampleId :
 FB-021017

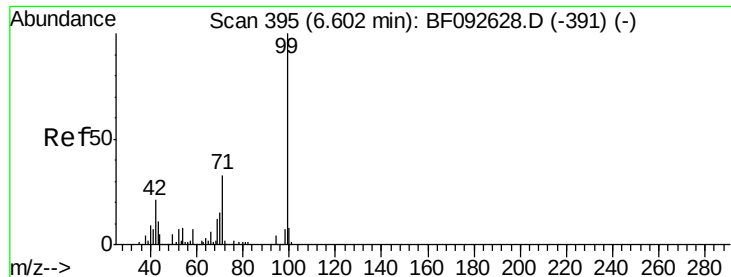
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.9	187.3
115	68.7	46.0	69.0



#5
 2-Fluorophenol
 Concen: 106.39 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF092928.D
 Acq: 13 Feb 2017 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.1	69.1
63	26.0	23.8	35.6





#7

Phenol-d6

Concen: 71.23 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092928.D

Acq: 13 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

FB-021017

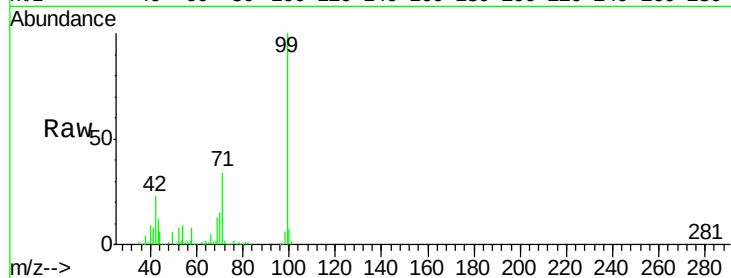
Tgt Ion: 99 Resp: 670581

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

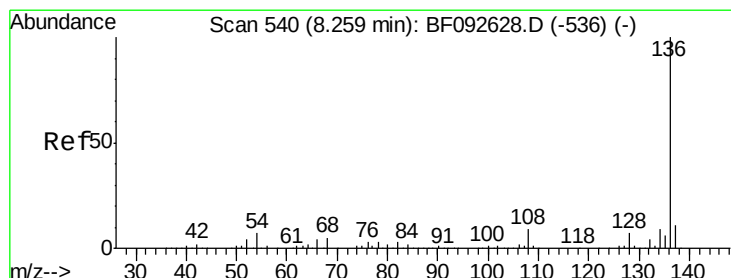
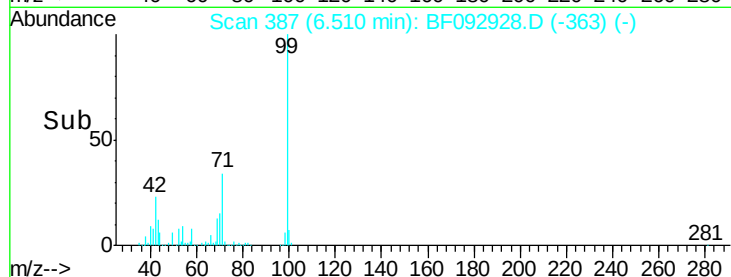
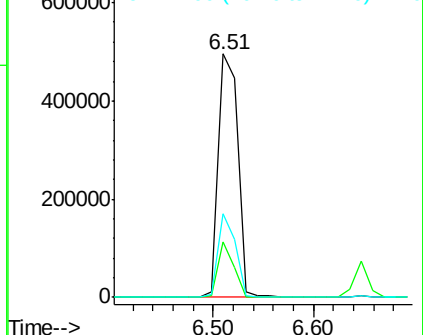
71 34.3 27.5 41.3



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: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF092928.D

Acq: 13 Feb 2017 19:51

Tgt Ion: 136 Resp: 539852

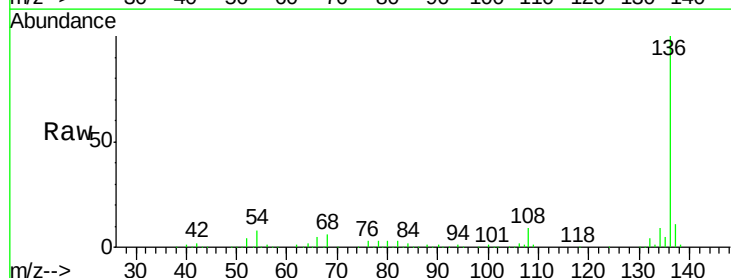
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.9 4.5 6.7#

68 6.1 3.6 5.4#

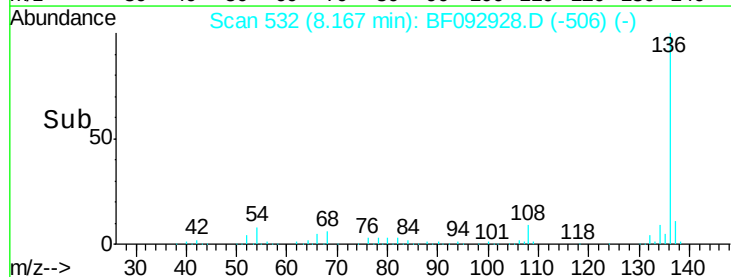
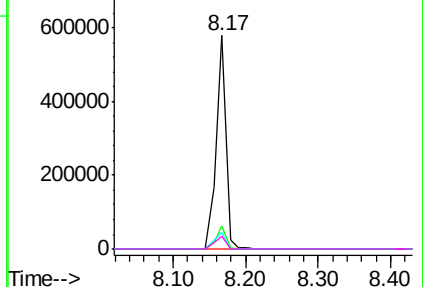


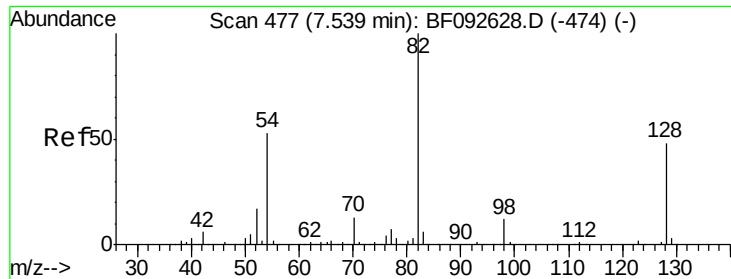
Abundance Ion 136.00 (135.70 to 136.70): E

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

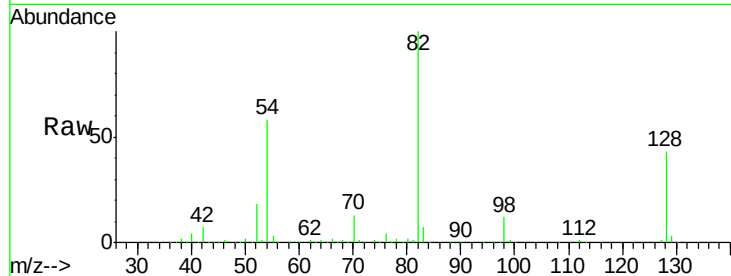




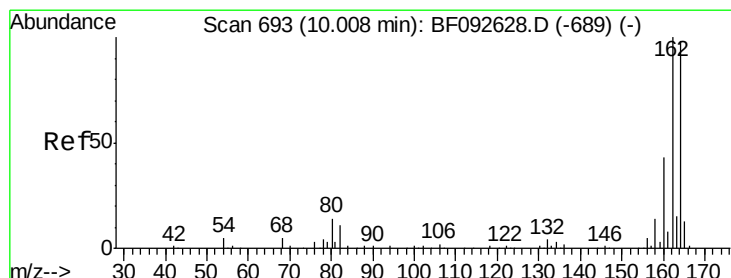
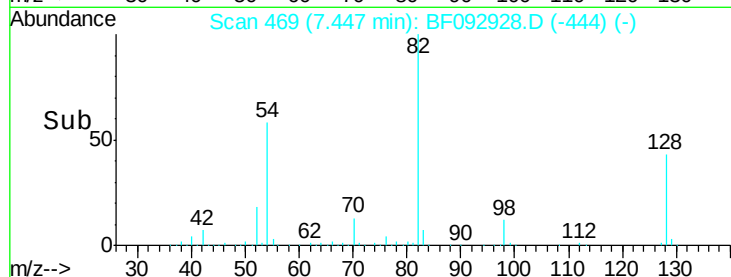
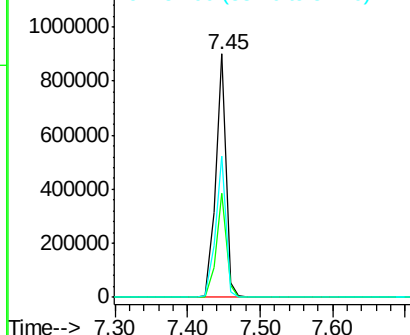
#23
 Nitrobenzene-d5
 Concen: 91.30 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092928.D
 Acq: 13 Feb 2017 19:51

Instrument :
 BNA_F
 ClientSampled :
 FB-021017

Tgt Ion: 82 Resp: 885123
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 57.9 39.5 59.3

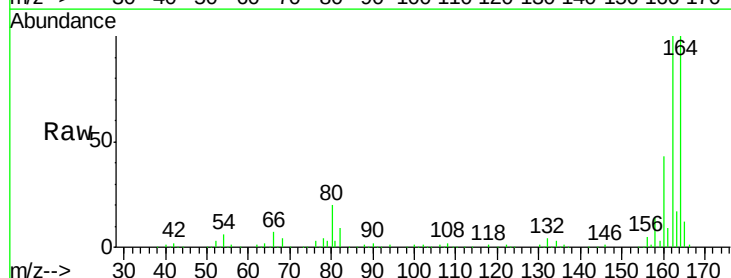


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

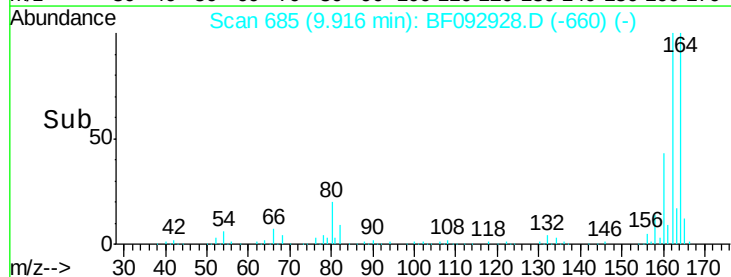
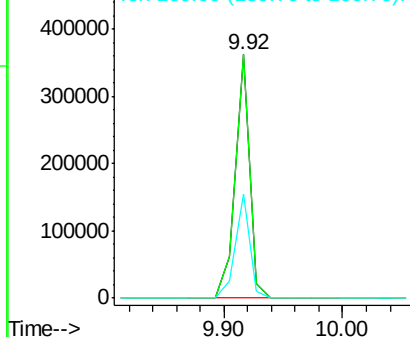


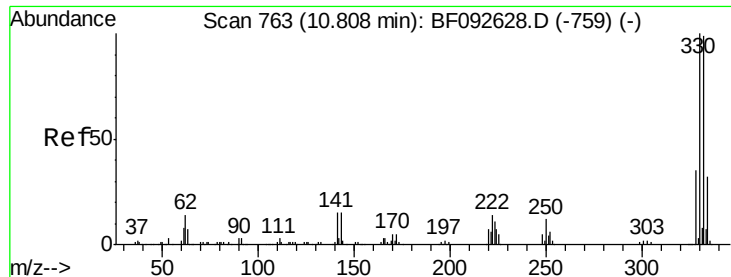
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092928.D
 Acq: 13 Feb 2017 19:51

Tgt Ion: 164 Resp: 307321
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.2 120.2
 160 43.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

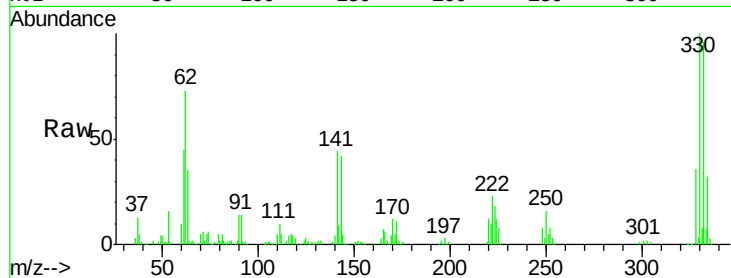




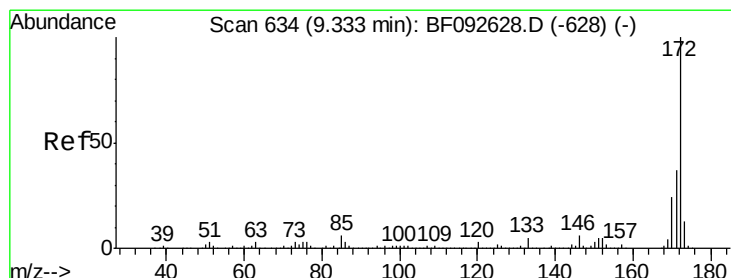
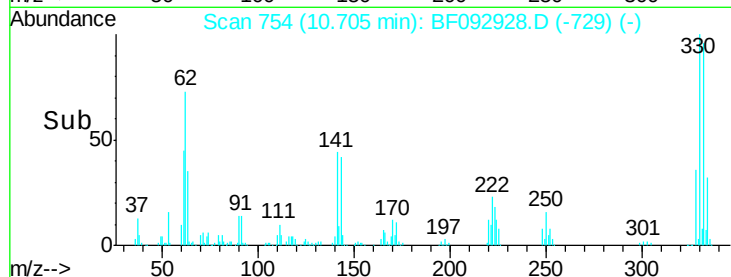
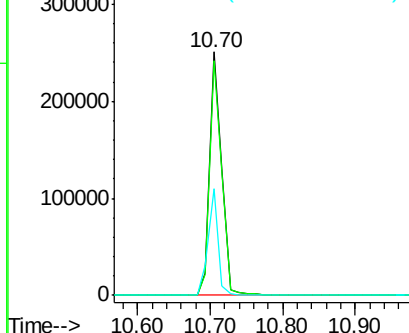
#41
 2,4,6-Tribromophenol
 Concen: 130.25 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092928.D
 Acq: 13 Feb 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 FB-021017

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	36.6	34.1	51.1

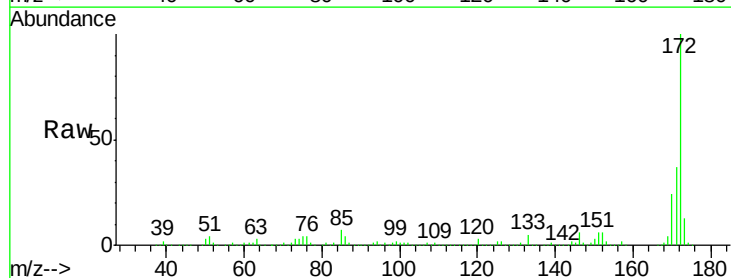


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

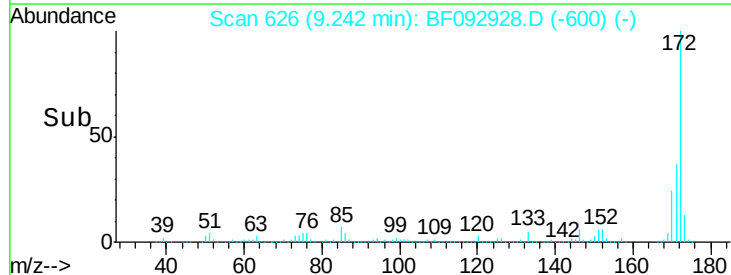
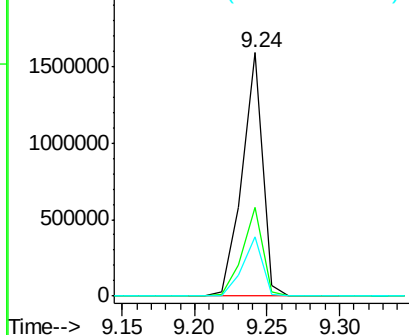


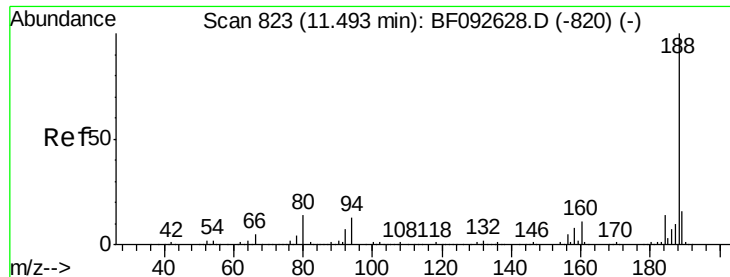
#44
 2-Fluorobiphenyl
 Concen: 92.13 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092928.D
 Acq: 13 Feb 2017 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.2	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

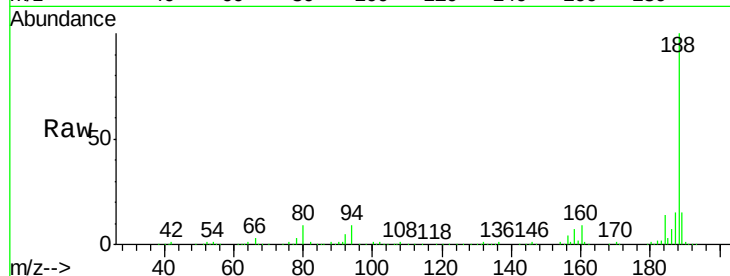




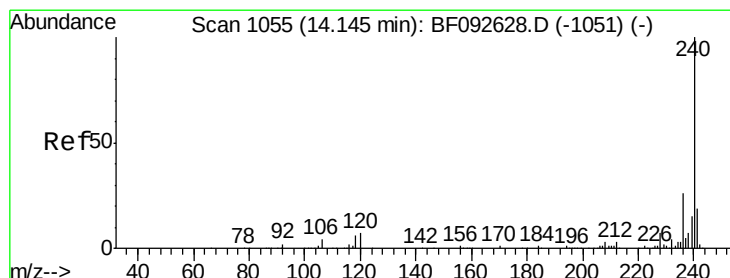
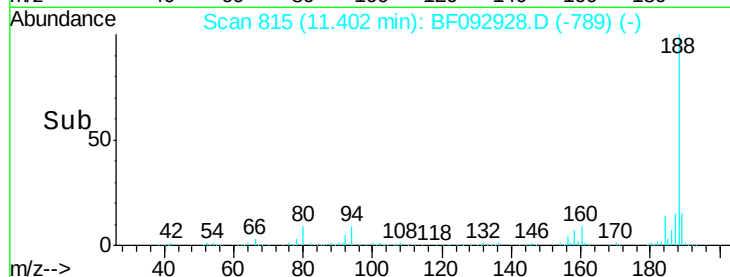
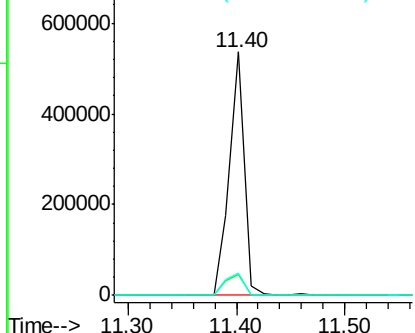
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092928.D
Acq: 13 Feb 2017 19:51

Instrument :
BNA_F
ClientSampleId :
FB-021017

Tgt Ion:188 Resp: 509729
Ion Ratio Lower Upper
188 100
94 8.8 10.0 15.0#
80 9.2 11.2 16.8#

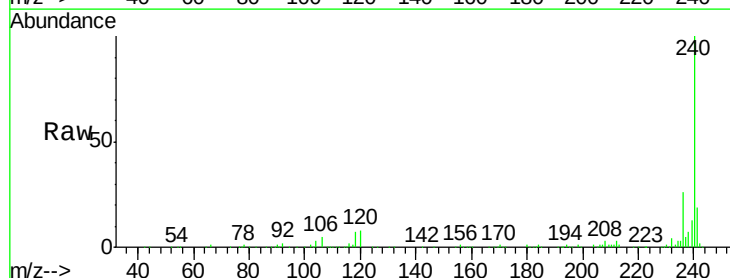


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

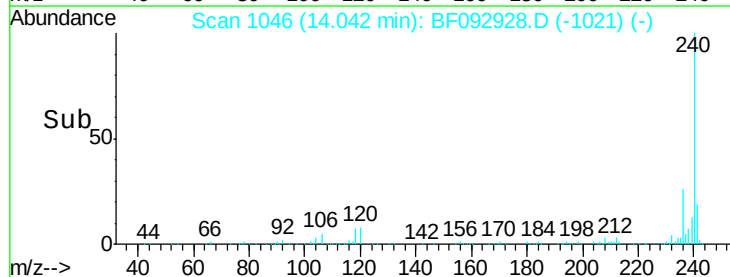
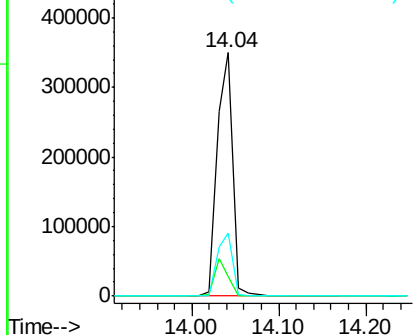


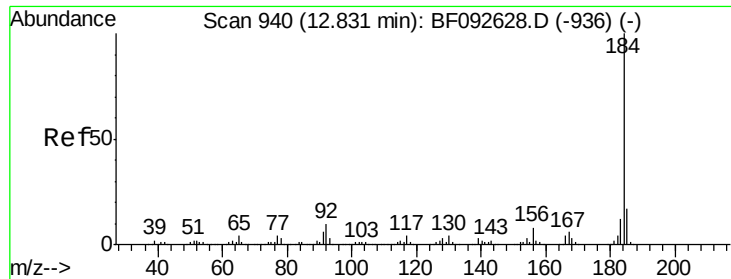
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092928.D
Acq: 13 Feb 2017 19:51

Tgt Ion:240 Resp: 440360
Ion Ratio Lower Upper
240 100
120 8.0 12.9 19.3#
236 25.9 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





#76

Benzidine

Concen: 15.04 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092928.D

Acq: 13 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

FB-021017

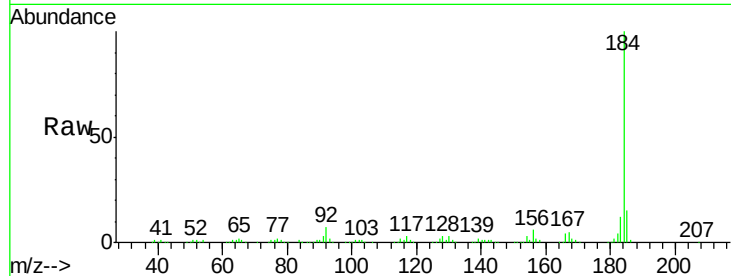
Tgt Ion:184 Resp: 282169

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

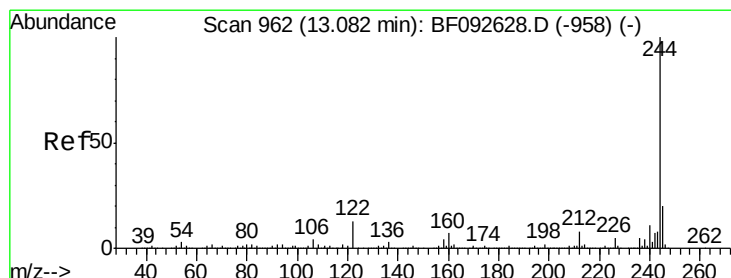
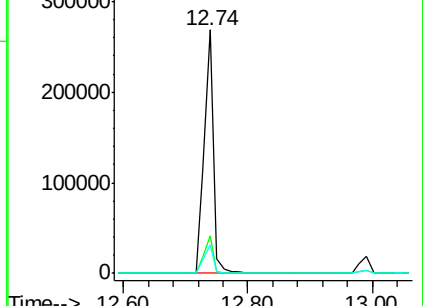
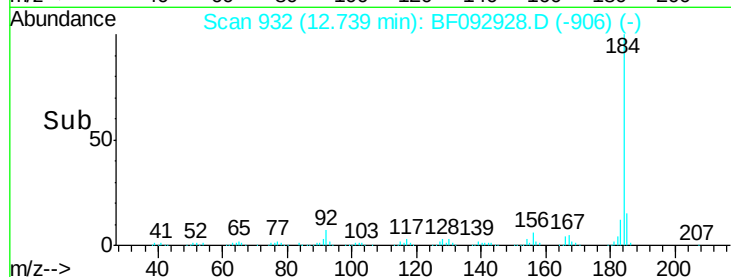
183 11.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 79.19 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF092928.D

Acq: 13 Feb 2017 19:51

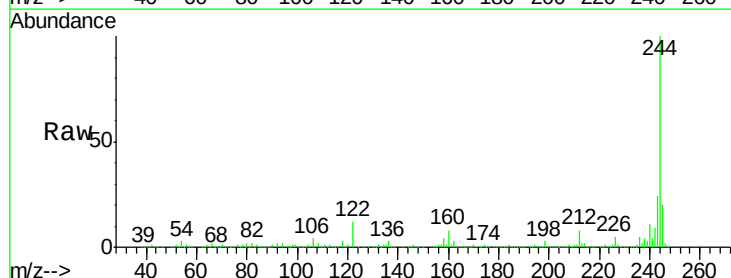
Tgt Ion:244 Resp: 1484131

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

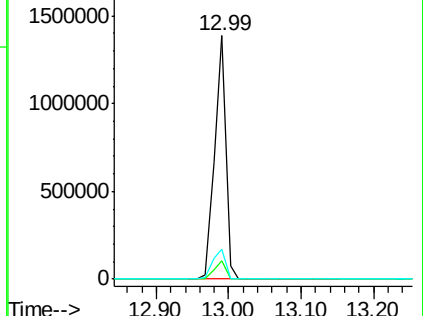
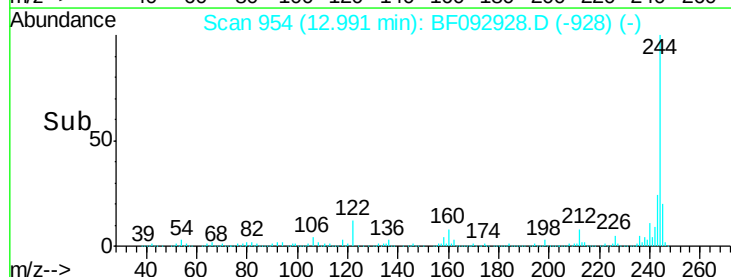
122 12.4 11.4 17.2

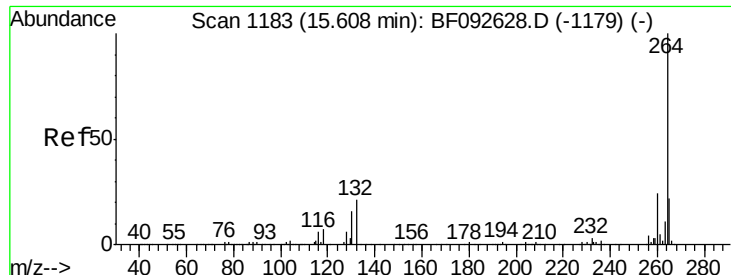


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF092928.D
Acq: 13 Feb 2017 19:51

Instrument :
BNA_F
ClientSampleId :
FB-021017

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	17.4	26.0

