

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090245.D
 Acq On : 27 Sep 2016 3:57
 Operator : UM/SJ
 Sample : H4927-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-18B

Quant Time: Sep 27 04:36:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

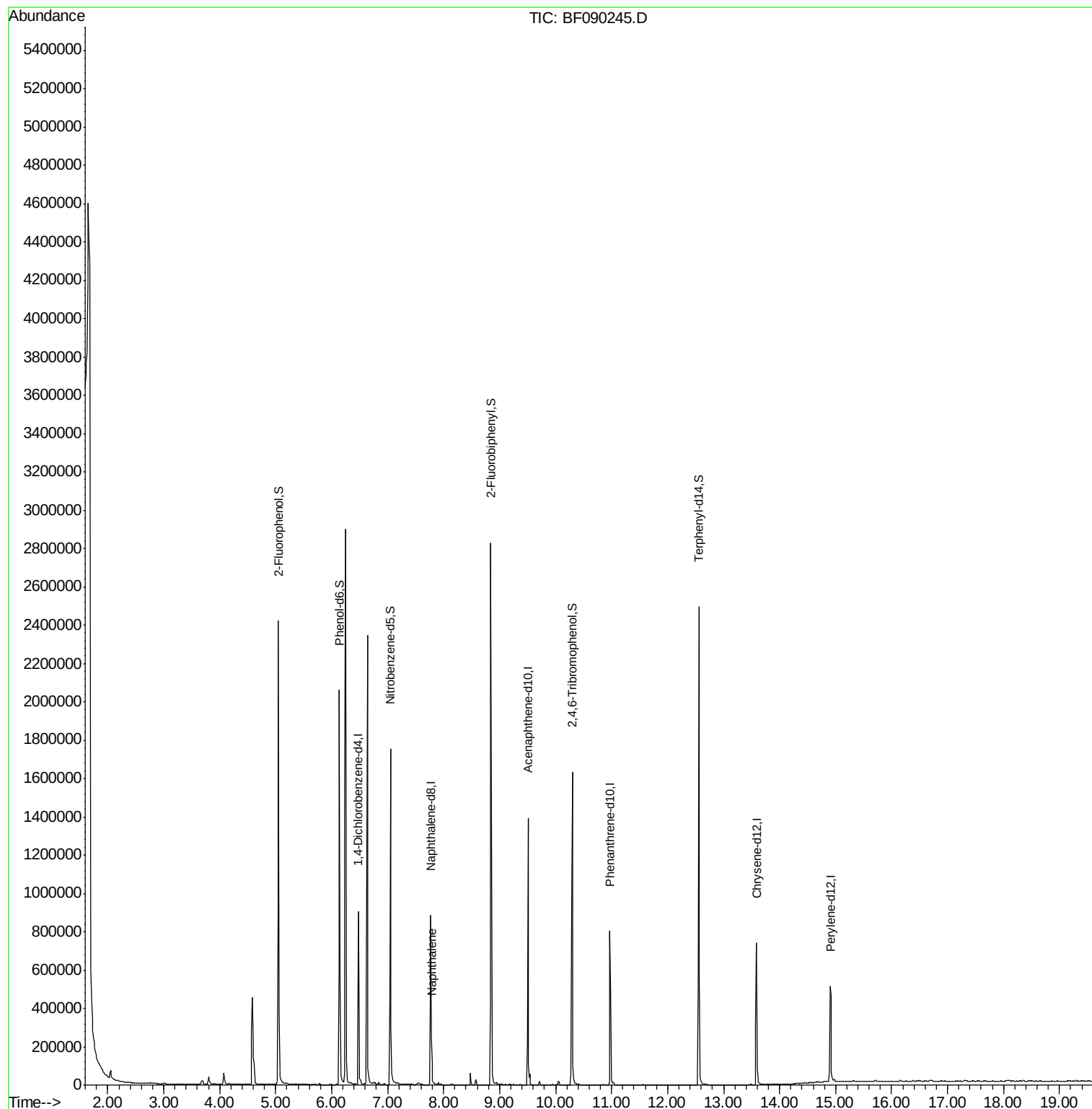
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	147530	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	556770	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	292502	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	403518	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	311463	20.00	ng	-0.01
86) Perylene-d12	14.91	264	279748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	868894	96.00	ng	0.02
7) Phenol-d6	6.14	99	990930	88.65	ng	0.00
23) Nitrobenzene-d5	7.05	82	680442	70.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	276810	110.31	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1199573	80.51	ng	-0.01
78) Terphenyl-d14	12.56	244	850143	69.30	ng	0.00
Target Compounds						
31) Naphthalene	7.78	128	115861	4.37	ng	Qvalue 99

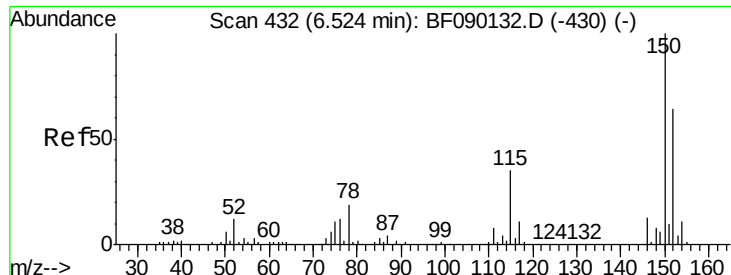
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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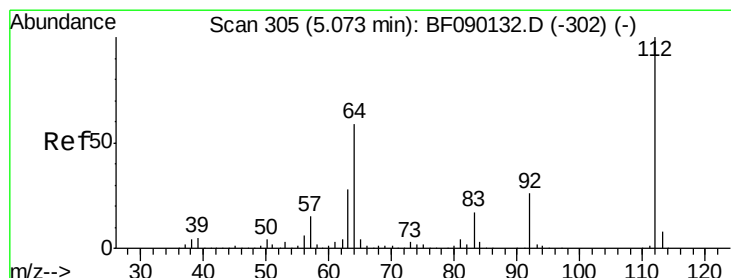
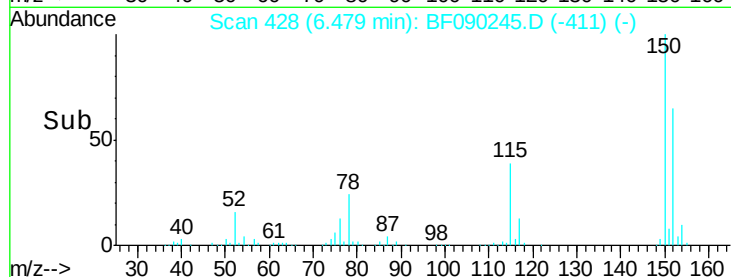
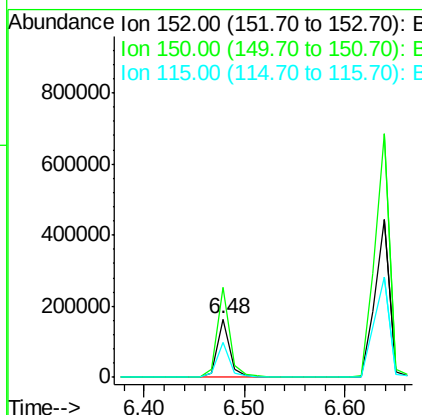
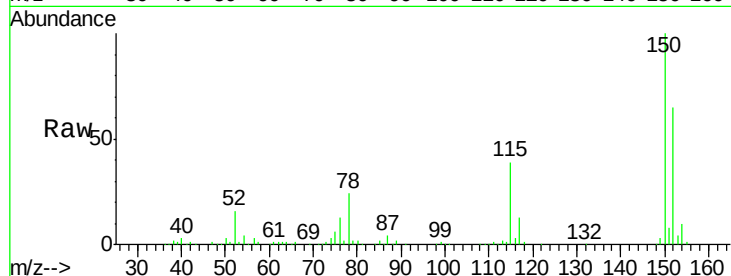


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-18B

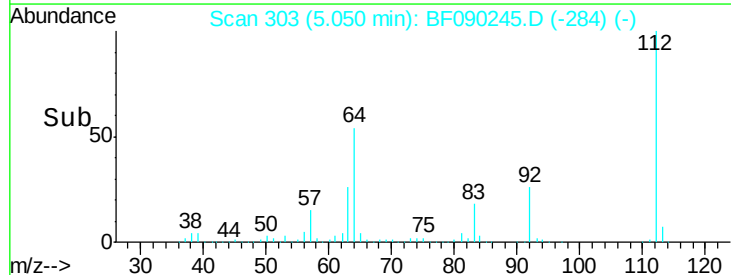
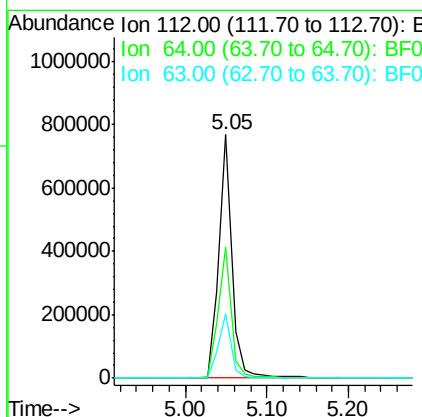
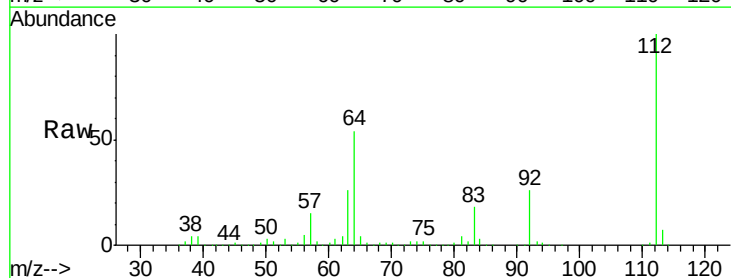
Tot Ion:152 Resp: 147530
Ion Ratio Lower Upper
152 100
150 154.8 128.9 193.3
115 60.8 55.5 83.3

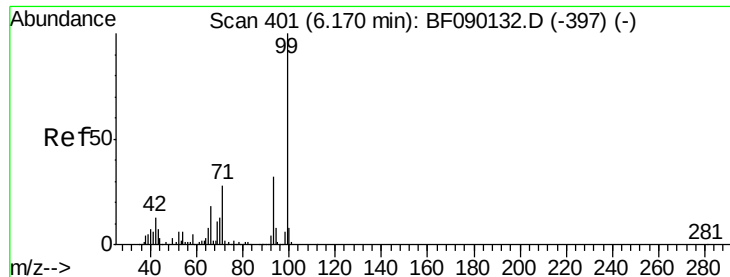


#5

2-Fluorophenol
Concen: 96.00 ng
RT: 5.05 min Scan# 303
Delta R.T. 0.02 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Tgt Ion:112 Resp: 868894
Ion Ratio Lower Upper
112 100
64 53.9 39.8 59.6
63 26.4 18.9 28.3





#7

Phenol-d6

Concen: 88.65 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-18B

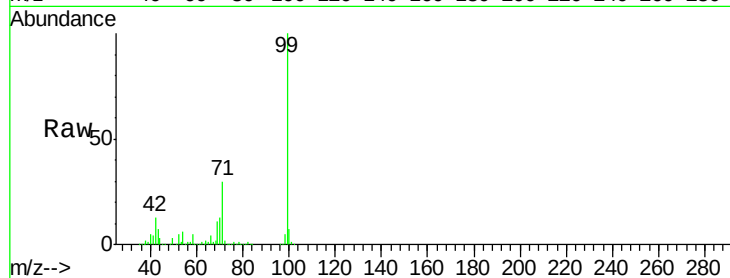
Tot Ion: 99 Resp: 990930

Ion Ratio Lower Upper

99 100

42 13.3 10.6 15.8

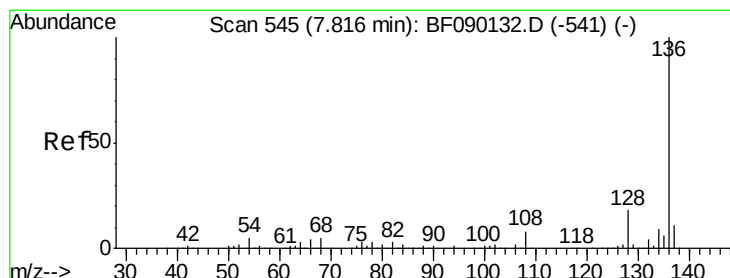
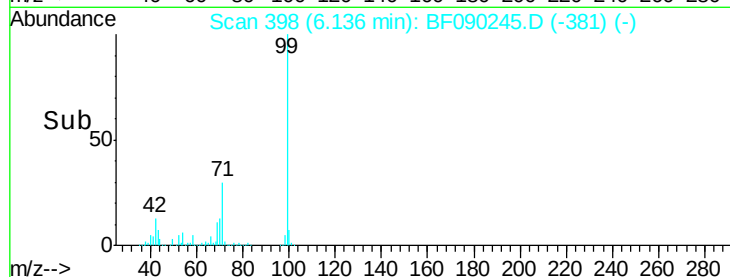
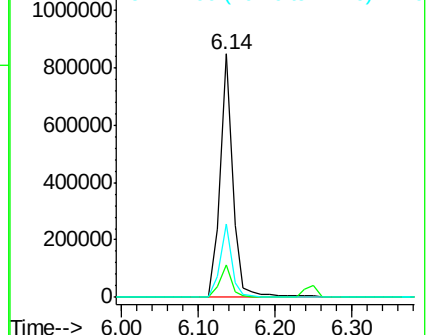
71 30.0 23.0 34.6



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: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Tgt Ion: 136 Resp: 556770

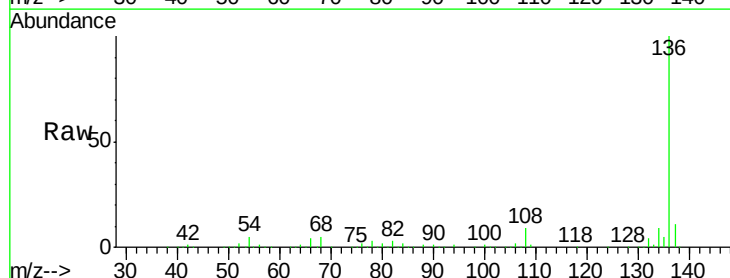
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.0 6.4 9.6#

68 5.1 6.3 9.5#

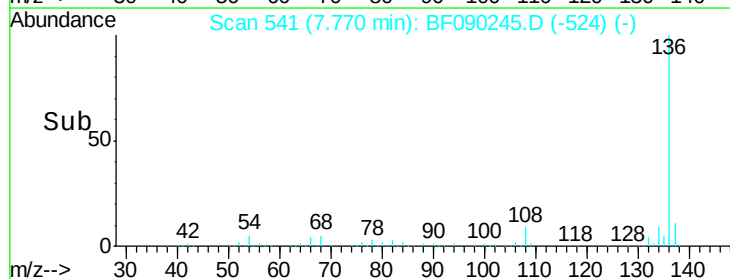
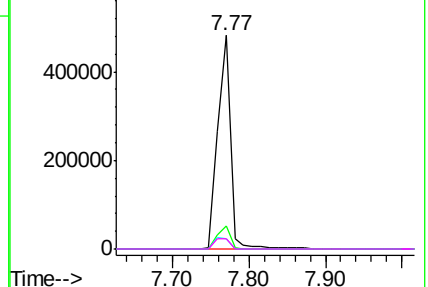


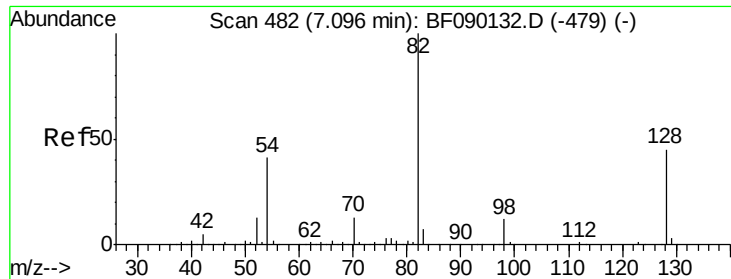
Abundance Ion 136.00 (135.70 to 136.70): E

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

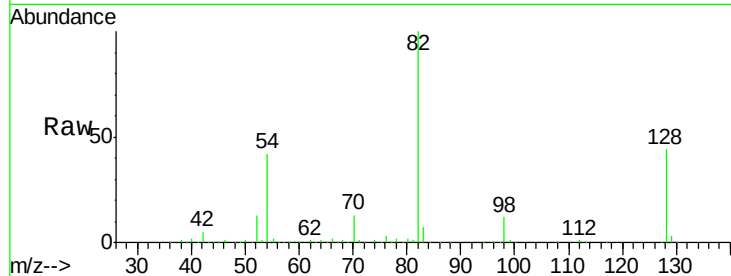




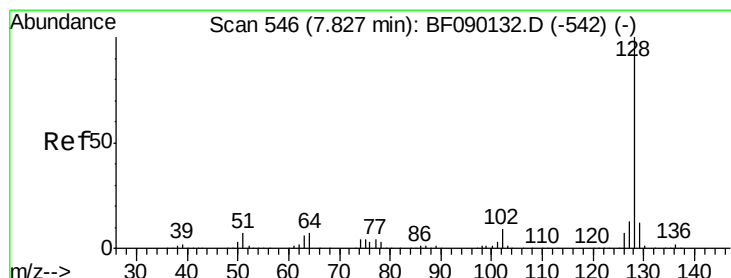
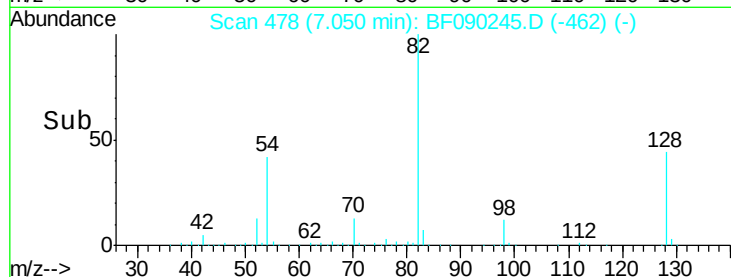
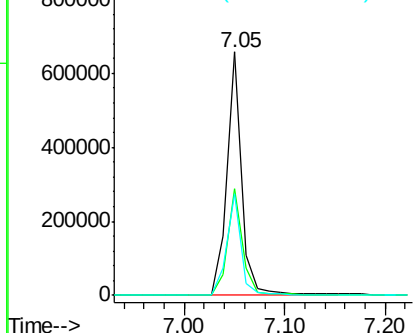
#23
 Nitrobenzene-d5
 Concen: 70.84 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090245.D
 Acq: 27 Sep 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-18B

Tot Ion	82	Resp	680442
Ion Ratio	100	Lower	Upper
128	44.0	37.5	56.3
54	41.6	31.9	47.9

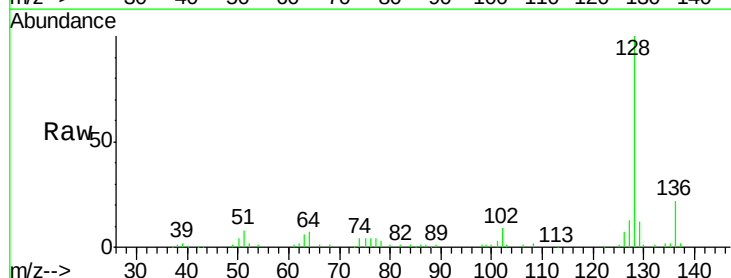


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

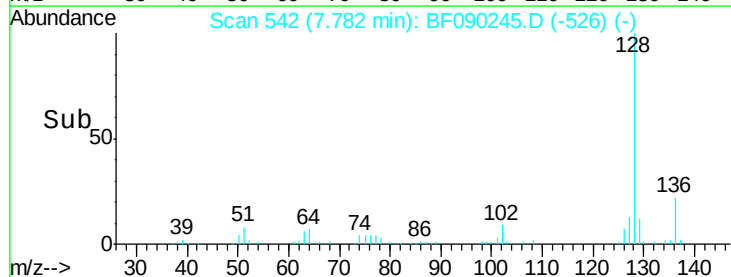
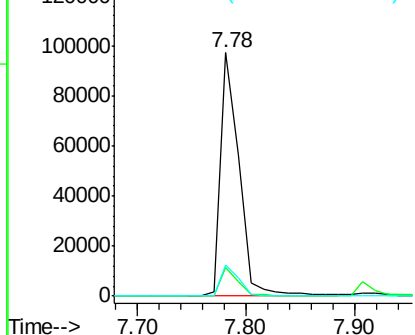


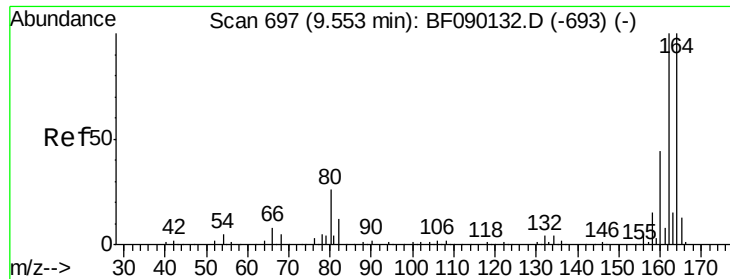
#31
 Naphthalene
 Concen: 4.37 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF090245.D
 Acq: 27 Sep 2016 3:57

Tgt Ion	128	Resp	115861
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	11.5	9.3	13.9
127	12.8	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

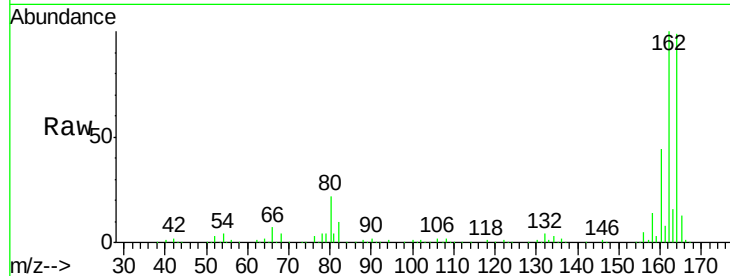




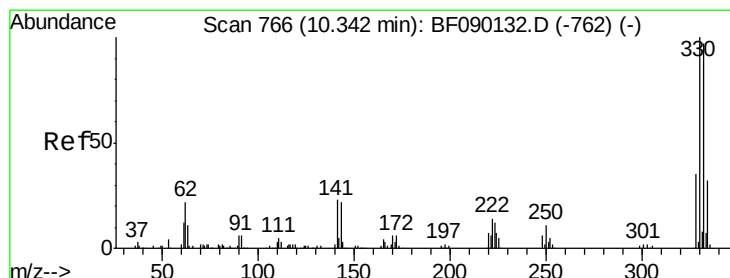
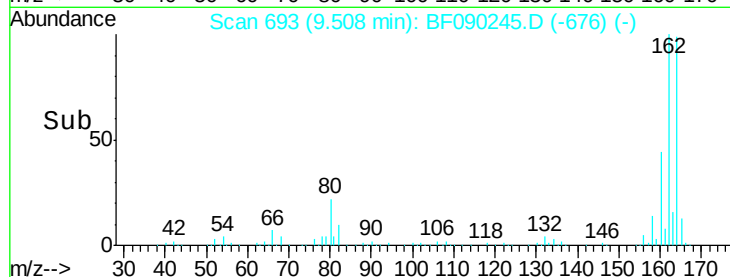
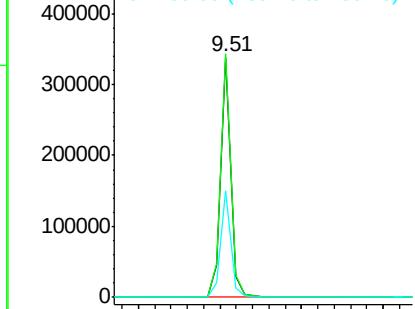
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-18B

Tot Ion:164 Resp: 292502
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.2
160 44.5 36.6 54.8

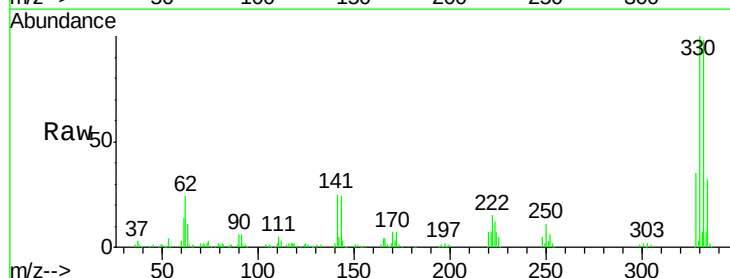


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

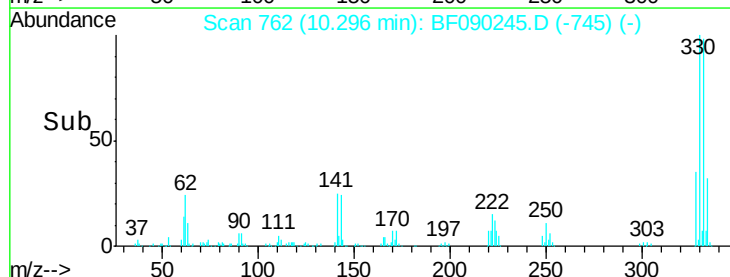
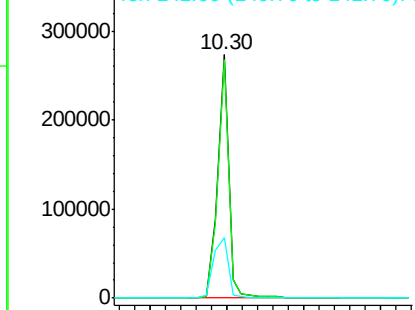


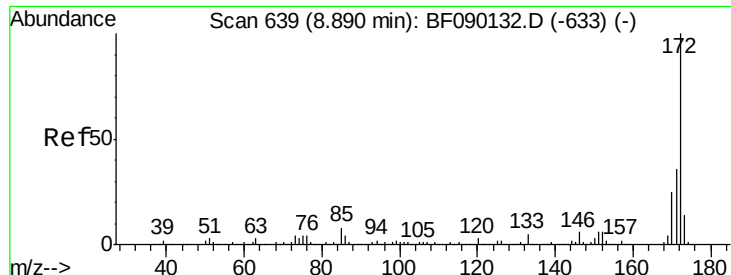
#41
2,4,6-Tribromophenol
Concen: 110.31 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Tgt Ion:330 Resp: 276810
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 33.2 23.9 35.9



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



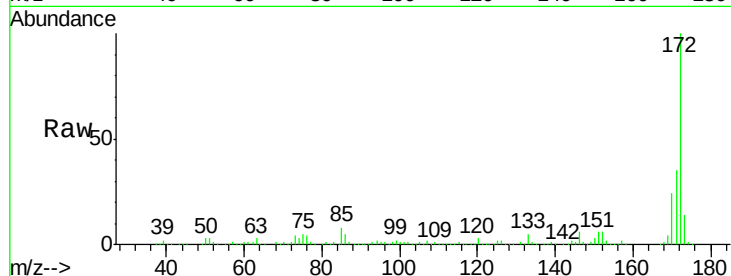


#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090245.D
 Acq: 27 Sep 2016 3:57

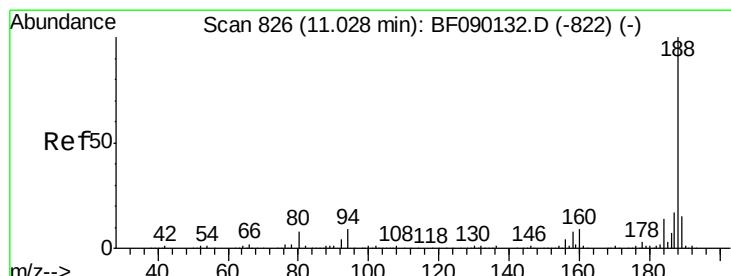
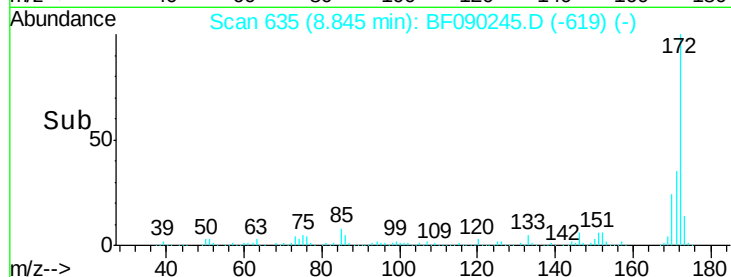
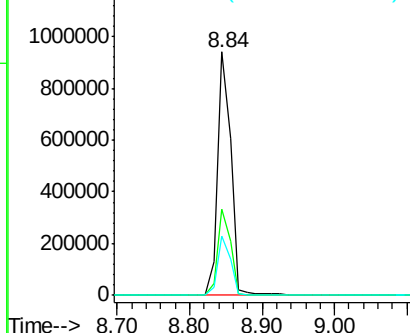
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-18B

Tot Ion:172 Resp: 1199573

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	24.3	19.8	29.8



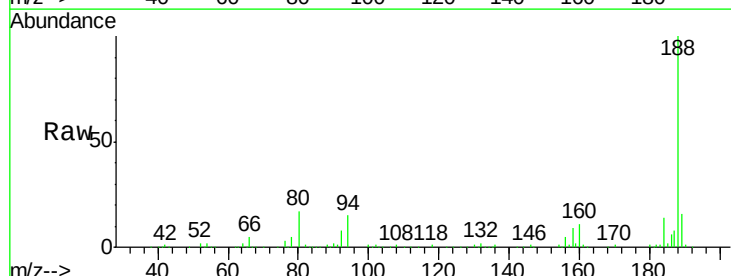
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



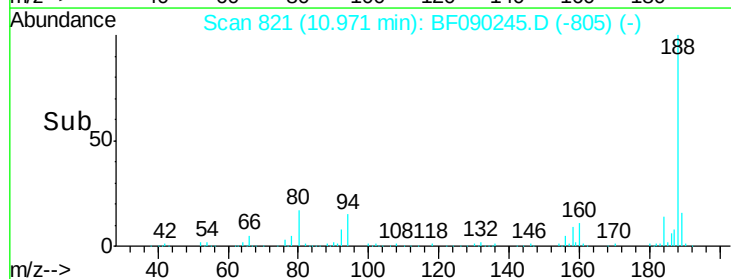
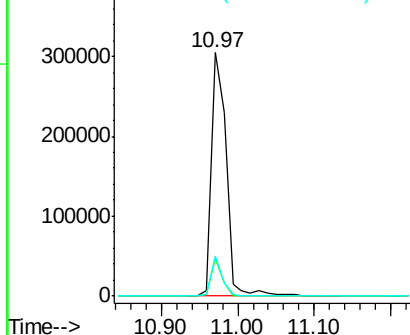
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF090245.D
 Acq: 27 Sep 2016 3:57

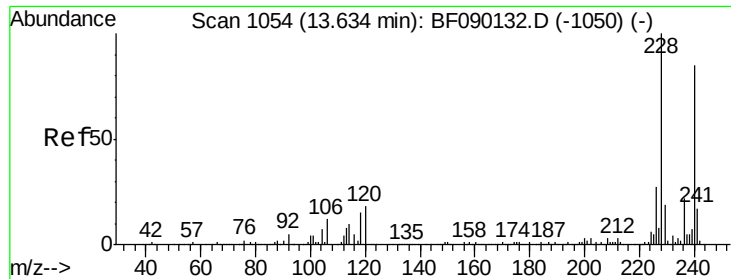
Tgt Ion:188 Resp: 403518

Ion	Ratio	Lower	Upper
188	100		
94	15.3	10.5	15.7
80	16.6	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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-18B

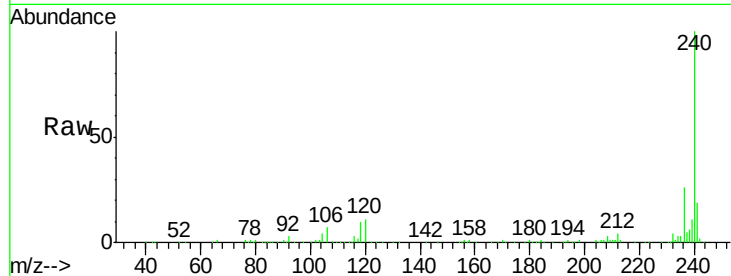
Tot Ion:240 Resp: 311463

Ion Ratio Lower Upper

240 100

120 11.1 10.6 16.0

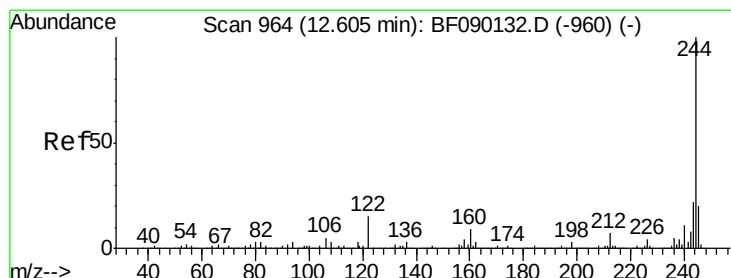
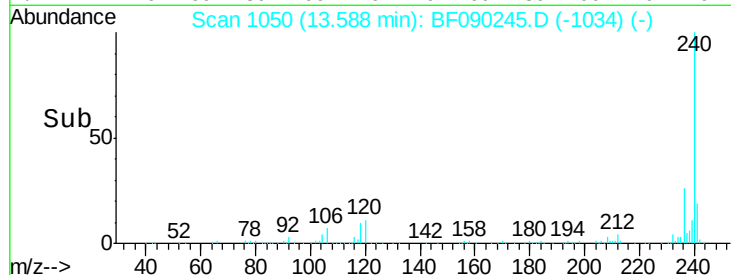
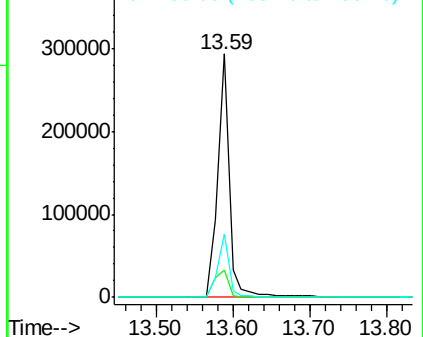
236 25.7 21.6 32.4



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: 69.30 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

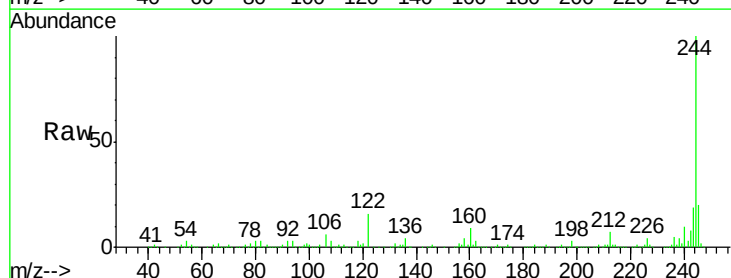
Tgt Ion:244 Resp: 850143

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

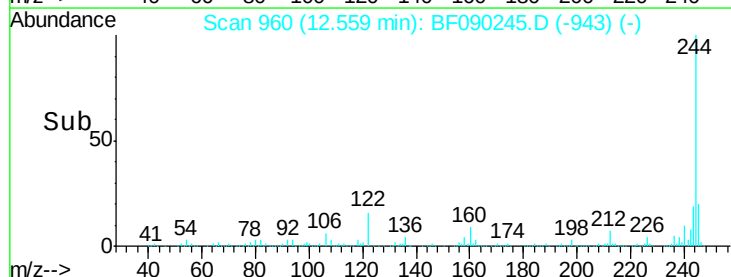
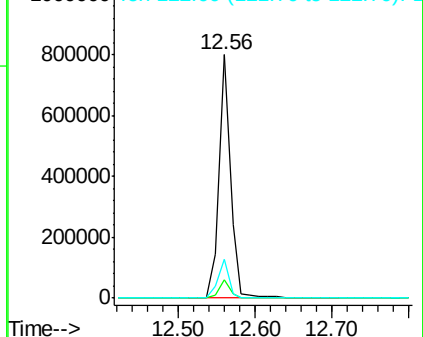
122 16.1 9.4 14.0#

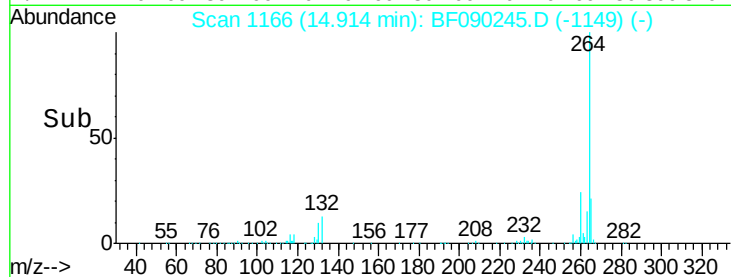
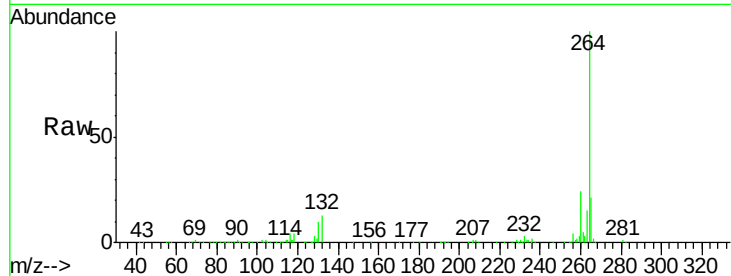
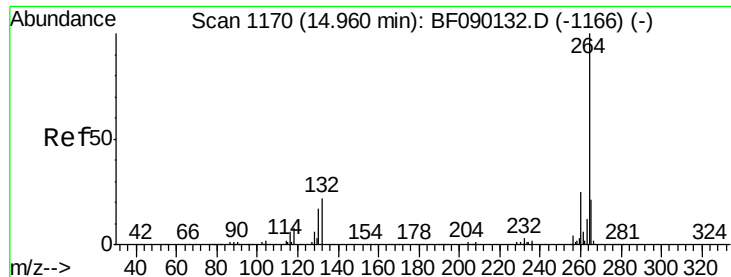


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-18B

Tot Ion:	264	Resp:	279748
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	21.4	17.0	25.4

