

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090247.D
 Acq On : 27 Sep 2016 4:52
 Operator : UM/SJ
 Sample : H4927-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19B

Quant Time: Sep 27 05:18:24 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

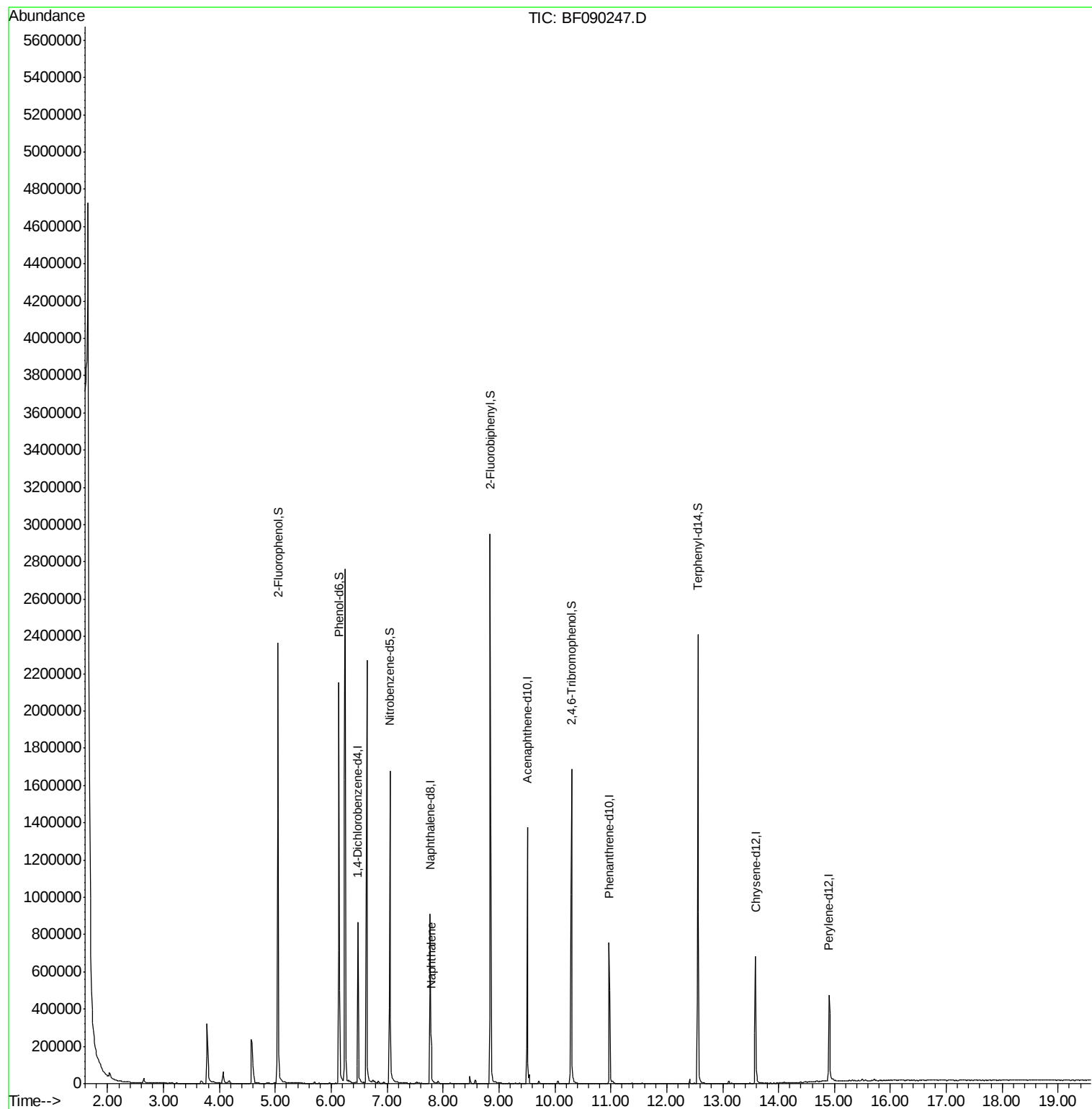
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	141112	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	539040	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	286410	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	386318	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	284814	20.00	ng	-0.01
86) Perylene-d12	14.90	264	245916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	958550	110.72	ng	0.02
7) Phenol-d6	6.14	99	1036125	96.91	ng	0.00
23) Nitrobenzene-d5	7.05	82	676358	72.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	287335	116.94	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1197092	82.05	ng	-0.01
78) Terphenyl-d14	12.56	244	911195	81.22	ng	0.00
Target Compounds						
31) Naphthalene	7.78	128	162902	6.35	ng	Qvalue 99

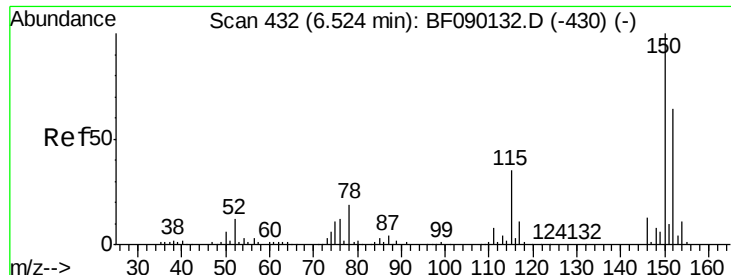
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090247.D

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Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19B

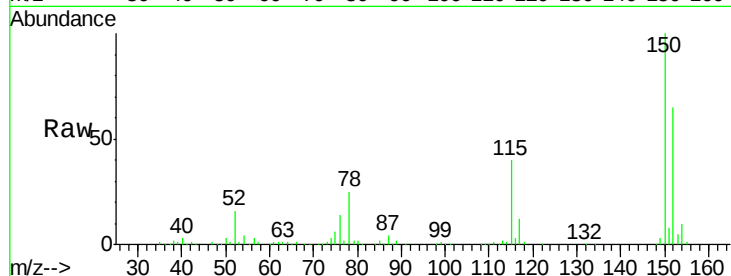
Tot Ion:152 Resp: 141112

Ion Ratio Lower Upper

152 100

150 153.5 128.9 193.3

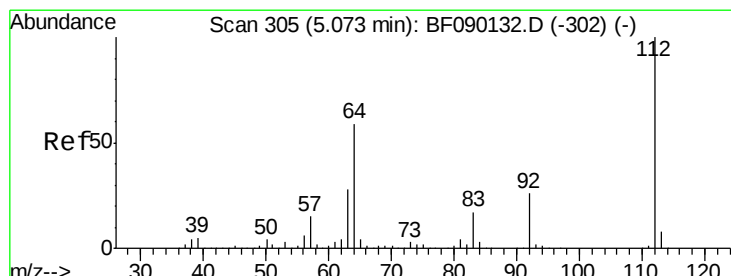
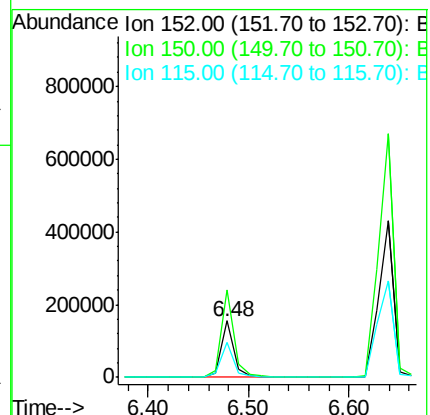
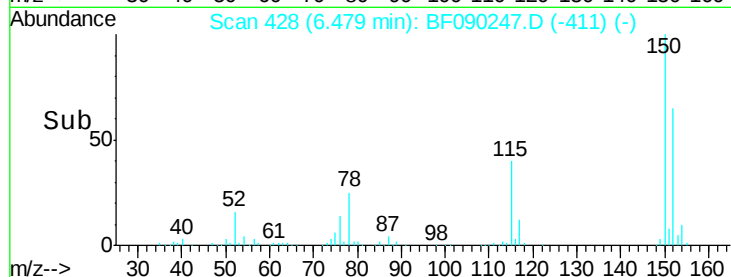
115 61.6 55.5 83.3



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: 110.72 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

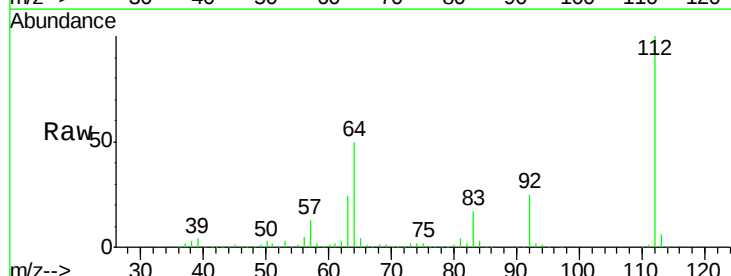
Tgt Ion:112 Resp: 958550

Ion Ratio Lower Upper

112 100

64 49.5 39.8 59.6

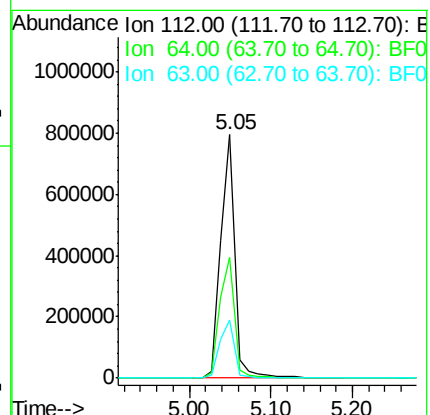
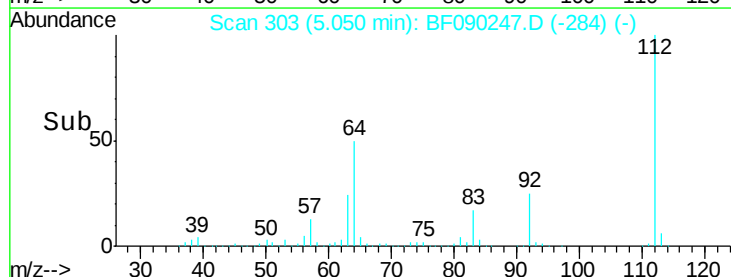
63 24.0 18.9 28.3

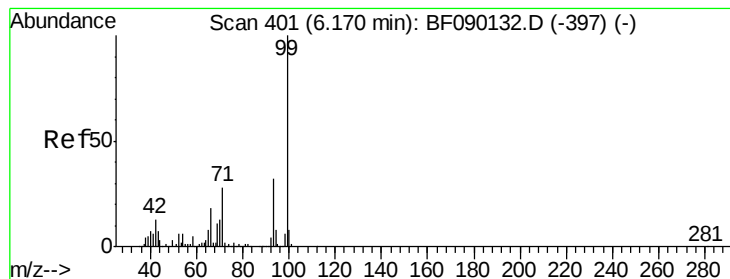


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.91 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19B

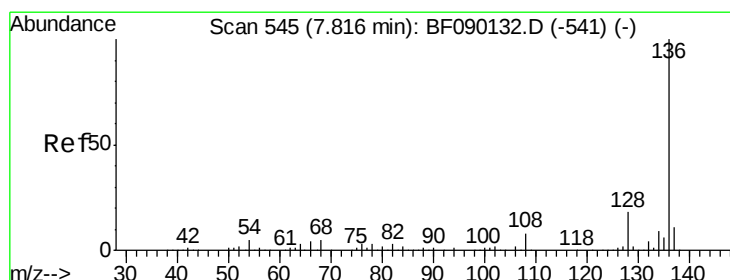
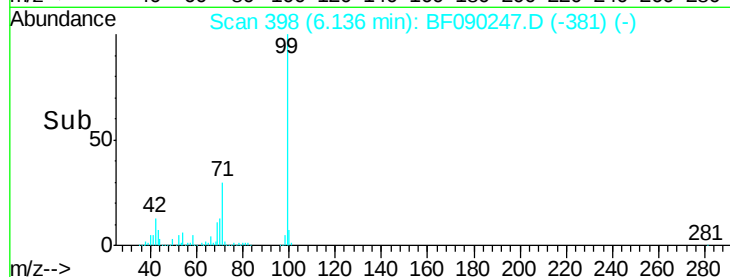
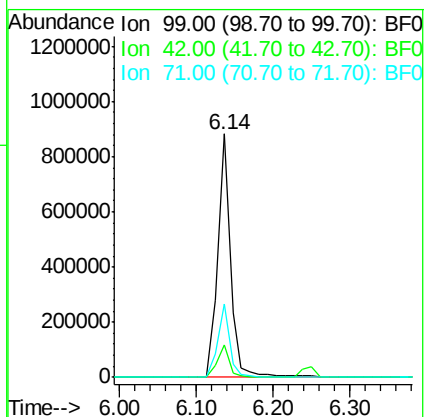
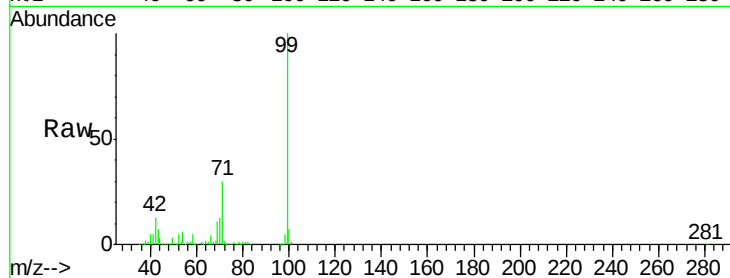
Tot Ion: 99 Resp: 1036125

Ion Ratio Lower Upper

99 100

42 13.3 10.6 15.8

71 30.0 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

Tgt Ion: 136 Resp: 539040

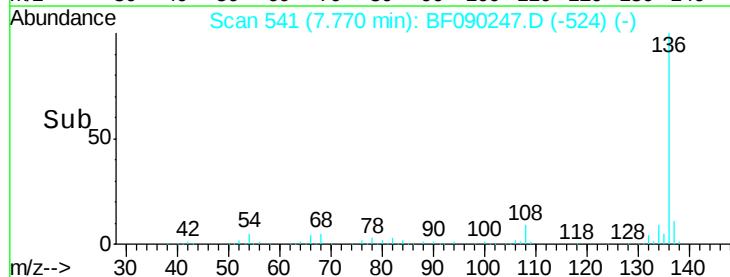
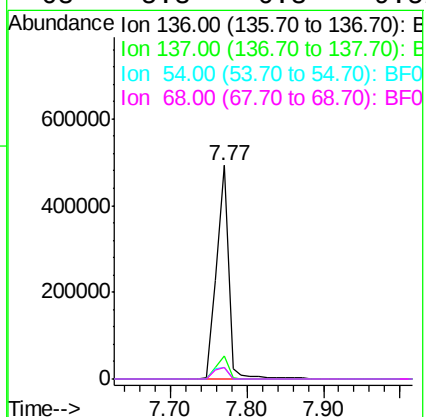
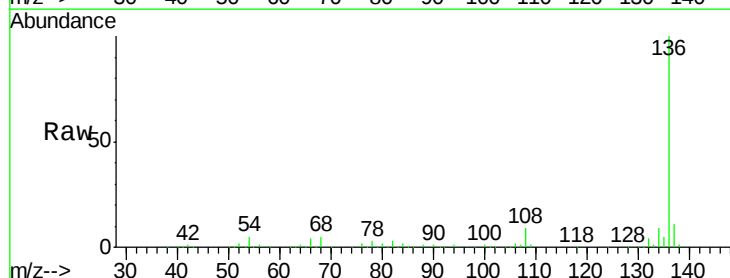
Ion Ratio Lower Upper

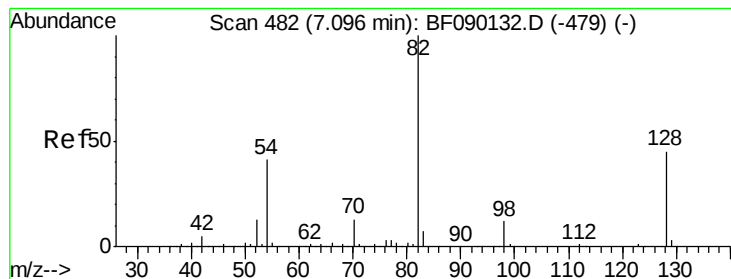
136 100

137 10.6 9.0 13.4

54 5.3 6.4 9.6#

68 5.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 72.74 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19B

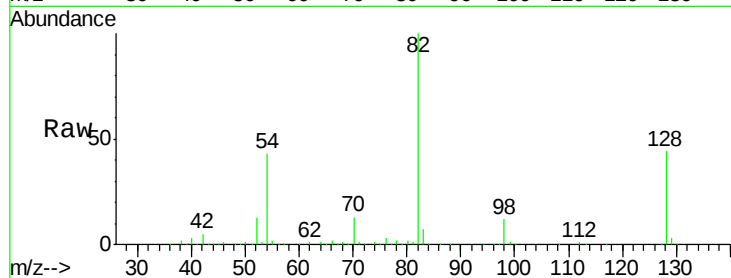
Tot Ion: 82 Resp: 676358

Ion Ratio Lower Upper

82 100

128 43.5 37.5 56.3

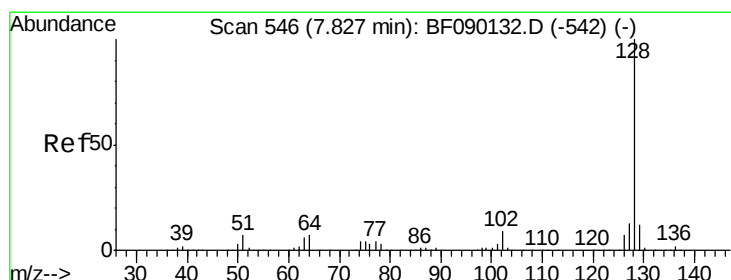
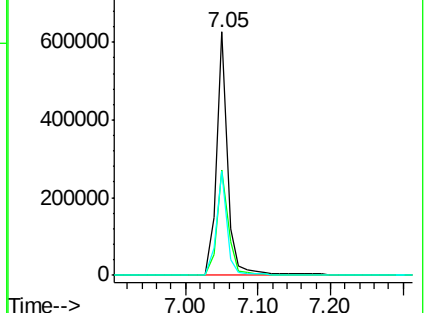
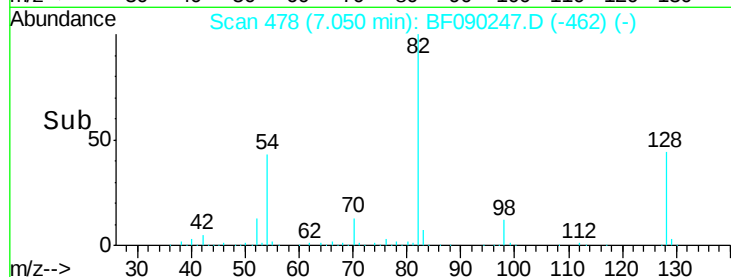
54 42.6 31.9 47.9



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: 6.35 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

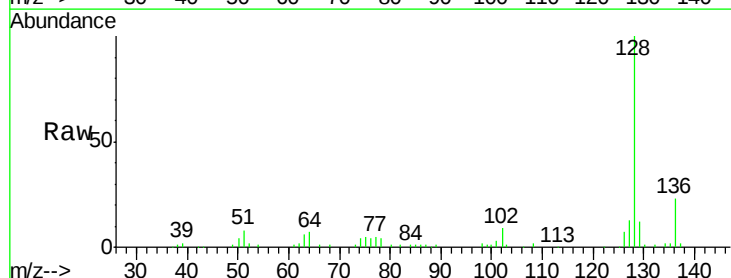
Tgt Ion: 128 Resp: 162902

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

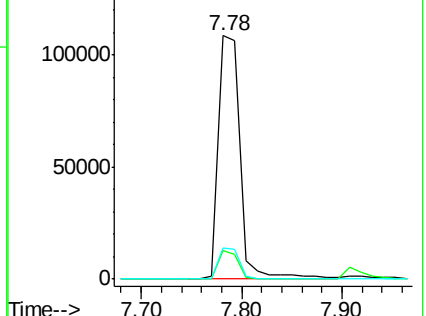
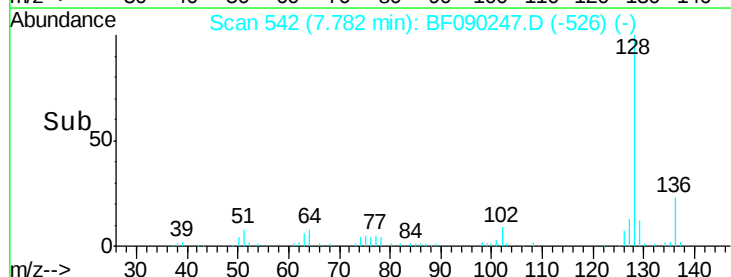
127 12.7 10.8 16.2

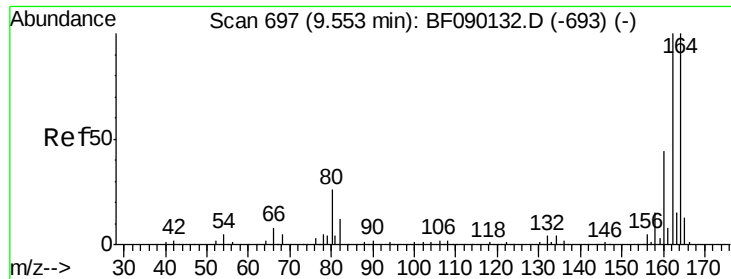


Abundance Ion 128.00 (127.70 to 128.70): E

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: BF090247.D

Acq: 27 Sep 2016 4:52

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19B

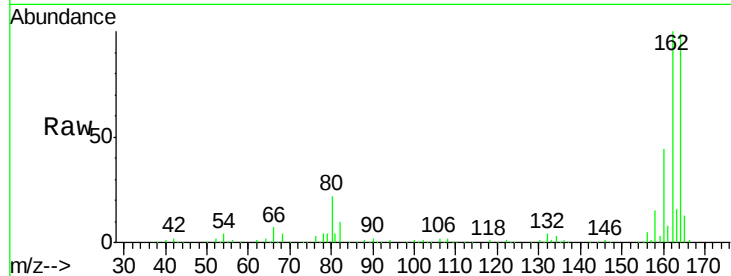
Tot Ion:164 Resp: 286410

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

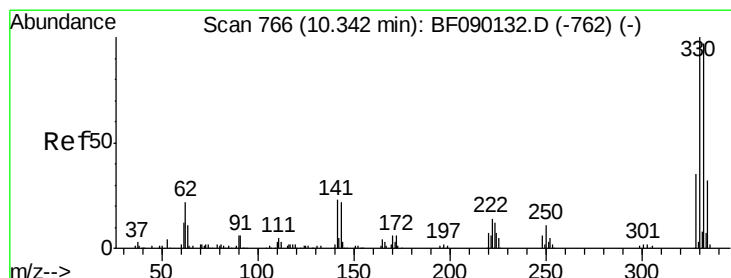
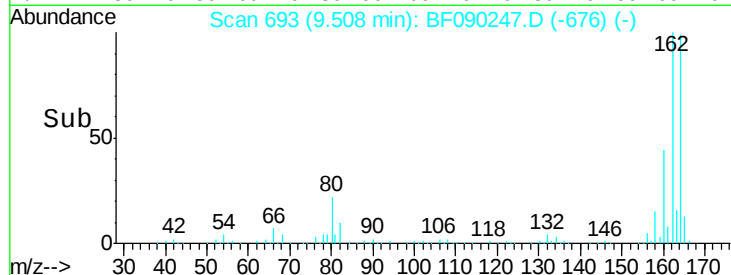
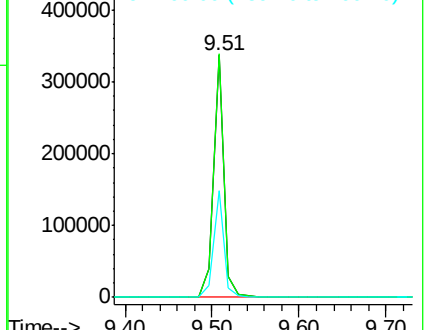
160 44.0 36.6 54.8



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: 116.94 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

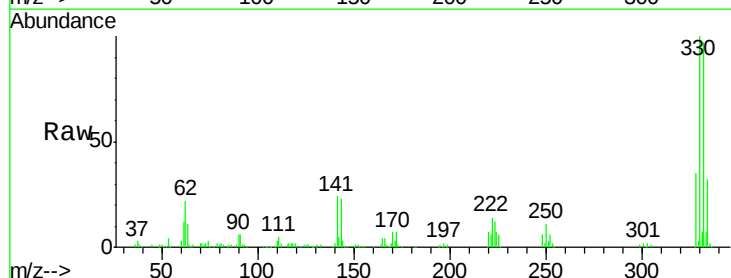
Tgt Ion:330 Resp: 287335

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

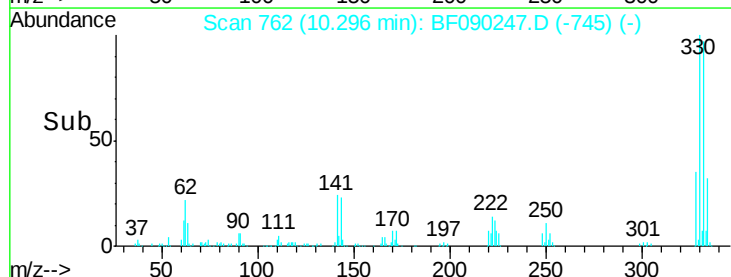
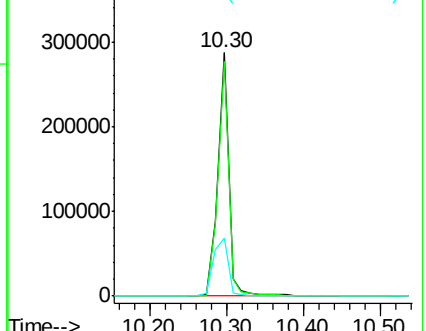
141 32.3 23.9 35.9



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



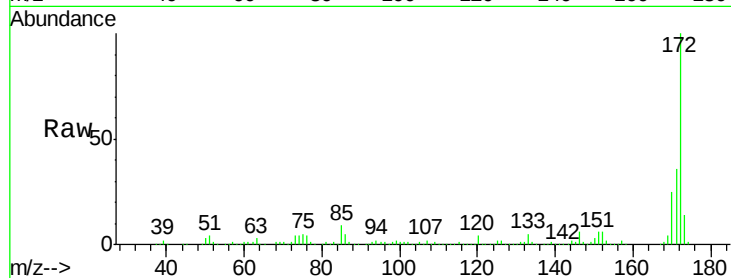


#44
 2-Fluorobiphenyl
 Concen: 82.05 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090247.D
 Acq: 27 Sep 2016 4:52

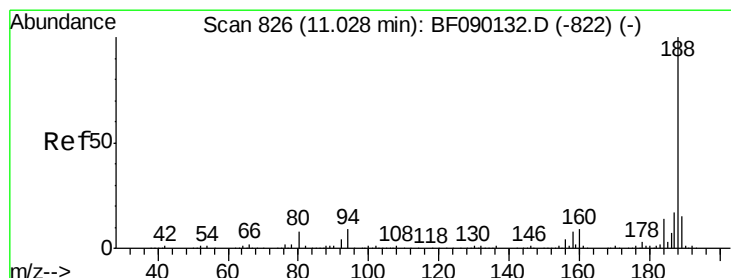
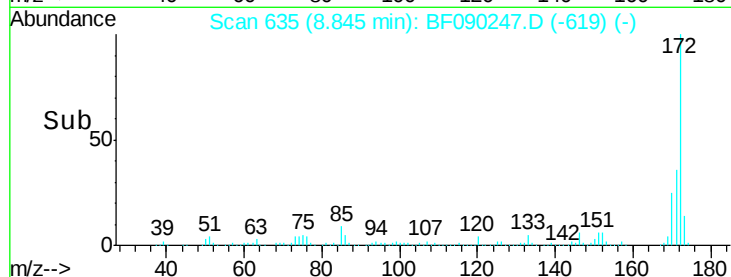
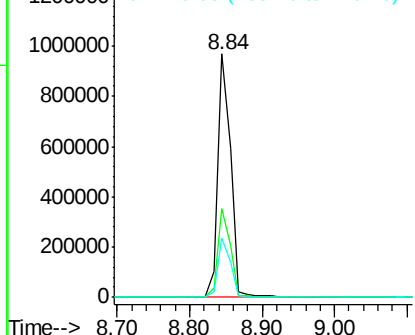
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19B

Tot Ion:172 Resp: 1197092

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.6	19.8	29.8



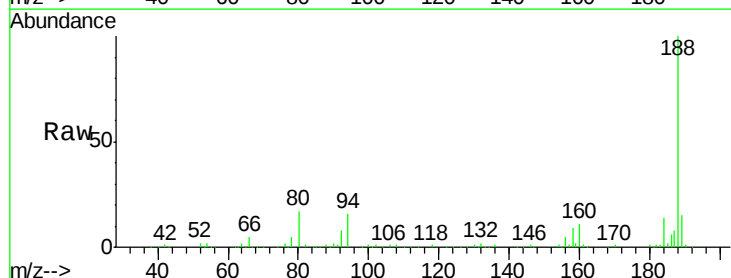
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



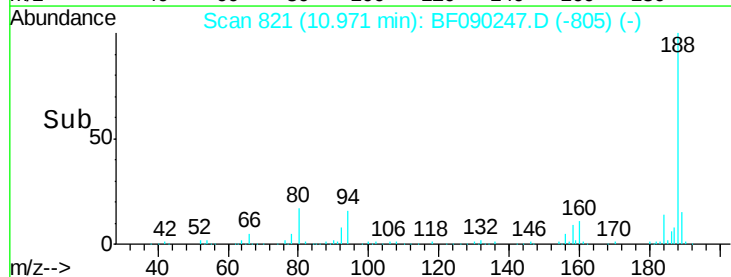
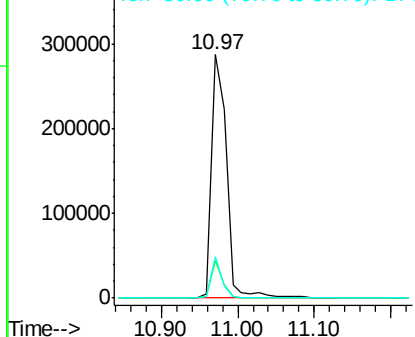
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF090247.D
 Acq: 27 Sep 2016 4:52

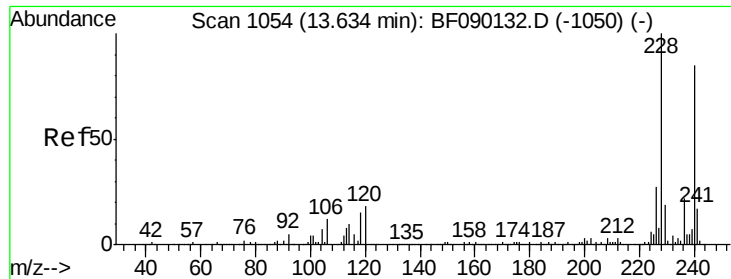
Tgt Ion:188 Resp: 386318

Ion	Ratio	Lower	Upper
188	100		
94	15.6	10.5	15.7
80	16.8	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: BF090247.D

Acq: 27 Sep 2016 4:52

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19B

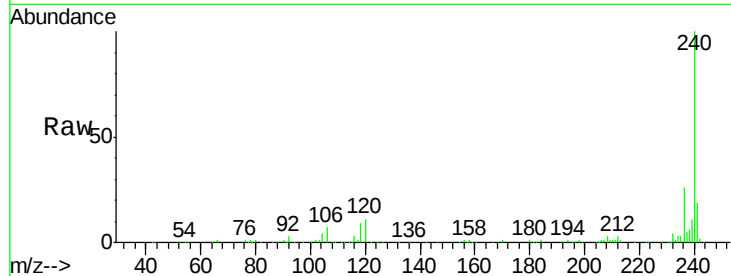
Tot Ion:240 Resp: 284814

Ion Ratio Lower Upper

240 100

120 11.0 10.6 16.0

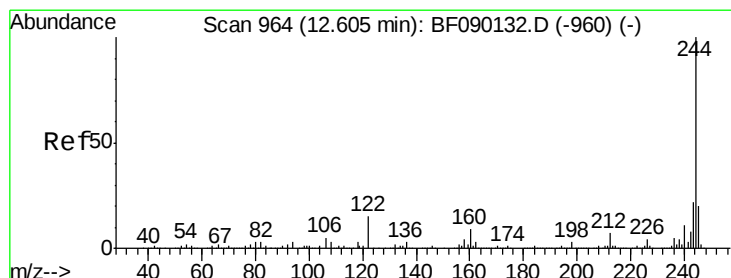
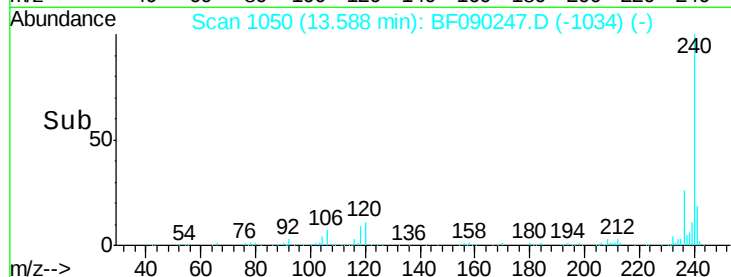
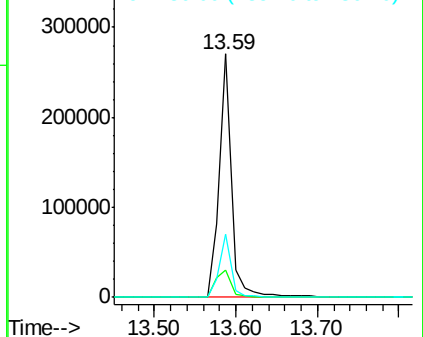
236 25.9 21.6 32.4



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: 81.22 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090247.D

Acq: 27 Sep 2016 4:52

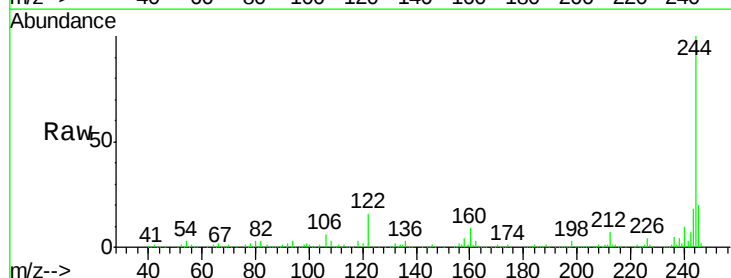
Tgt Ion:244 Resp: 911195

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

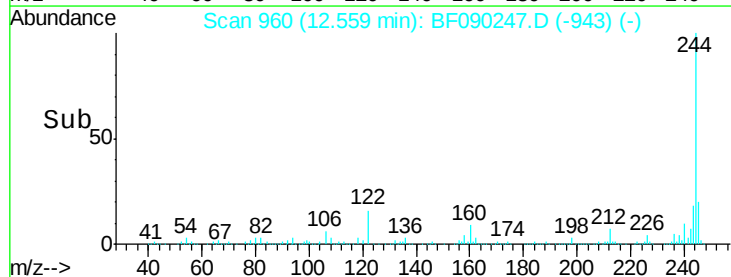
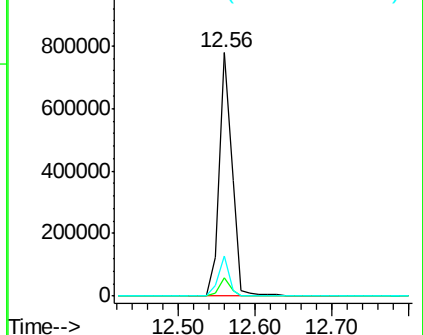
122 16.2 9.4 14.0#

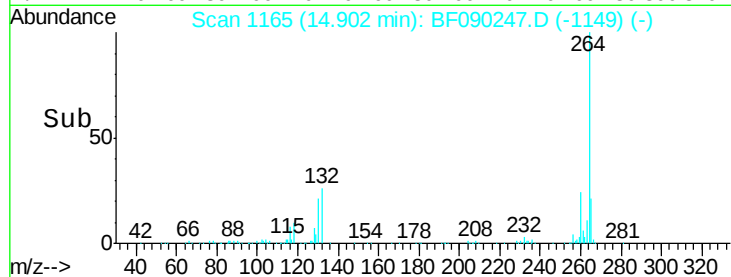
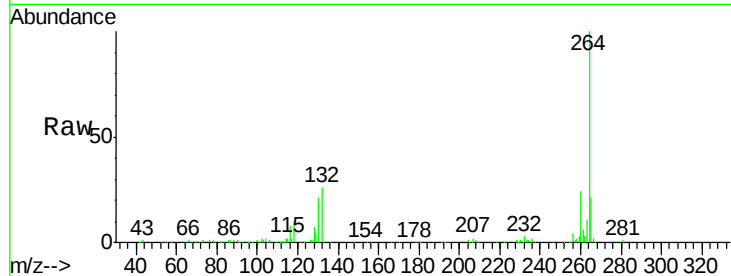
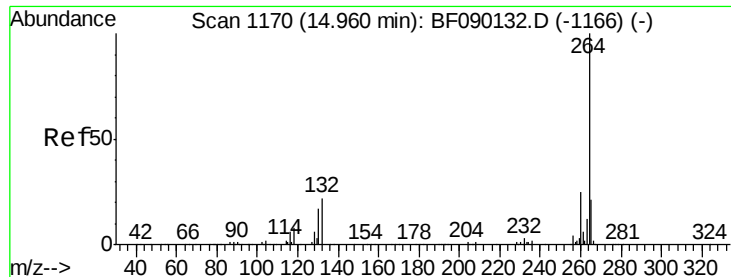


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090247.D
 Acq: 27 Sep 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19B

Tot Ion:	264	Resp:	245916
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.0	25.4

