

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090440.D
 Acq On : 7 Oct 2016 12:39
 Operator : UM/SJ
 Sample : H5121-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Oct 07 14:00:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 13:55:49 2016
 Response via : Initial Calibration

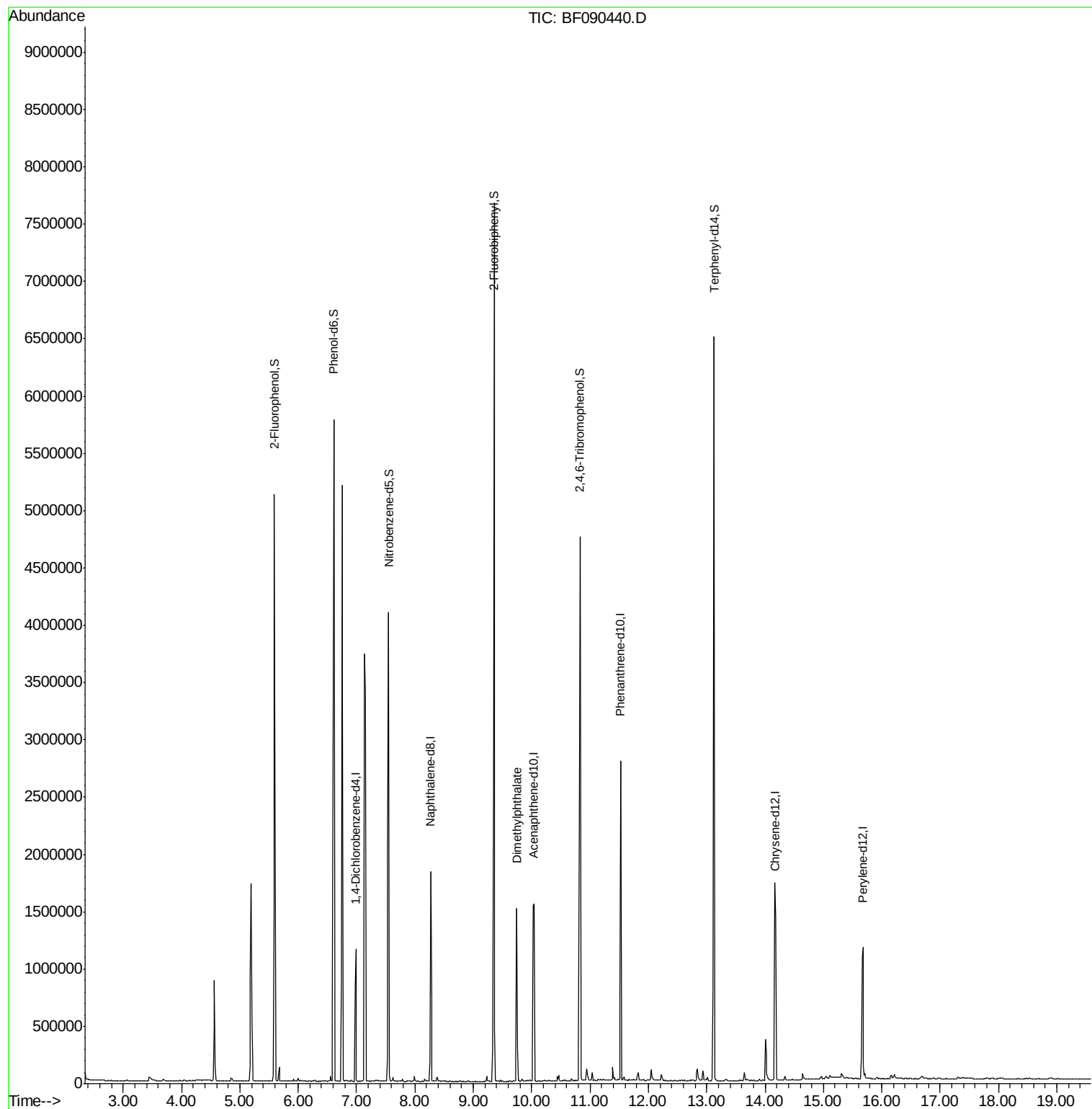
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	226032	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	903219	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	502368	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	927781	20.00	ng	0.00
75) Chrysene-d12	14.18	240	770897	20.00	ng	0.00
86) Perylene-d12	15.68	264	589619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1823560	120.41	ng	0.01
7) Phenol-d6	6.61	99	2357795	118.87	ng	0.00
23) Nitrobenzene-d5	7.55	82	1579185	85.05	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	614734	150.49	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2369881	78.60	ng	0.00
78) Terphenyl-d14	13.13	244	3022420	88.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	577034	17.94	ng	Qvalue 99

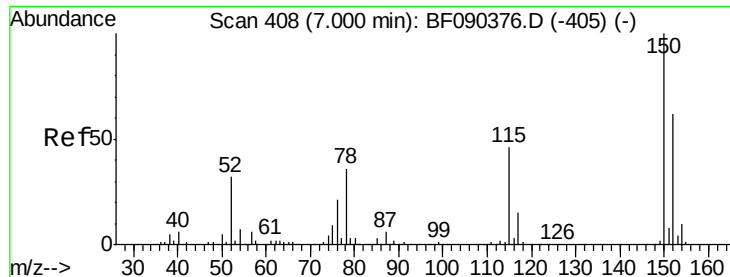
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Instrument :

BNA_F

ClientSampleId :

T-2

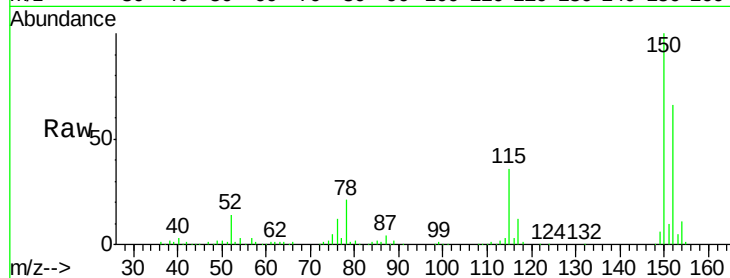
Tgt Ion:152 Resp: 226032

Ion Ratio Lower Upper

152 100

150 151.8 124.6 186.8

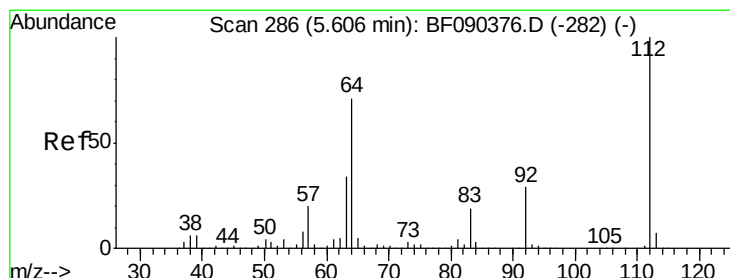
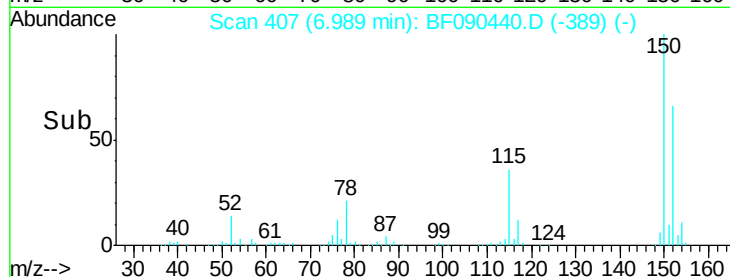
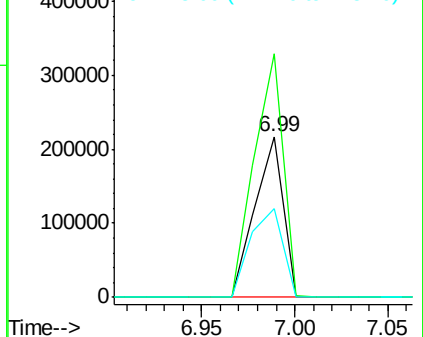
115 55.3 46.2 69.4



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: 120.41 ng

RT: 5.59 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

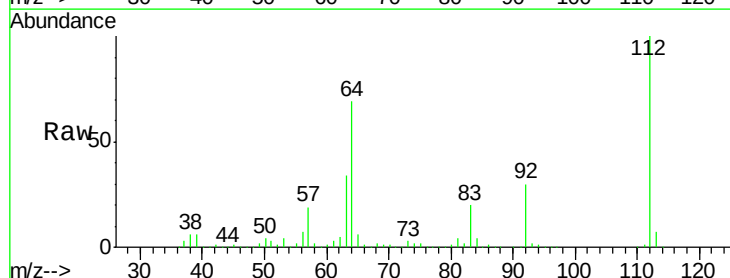
Tgt Ion:112 Resp: 1823560

Ion Ratio Lower Upper

112 100

64 69.5 57.9 86.9

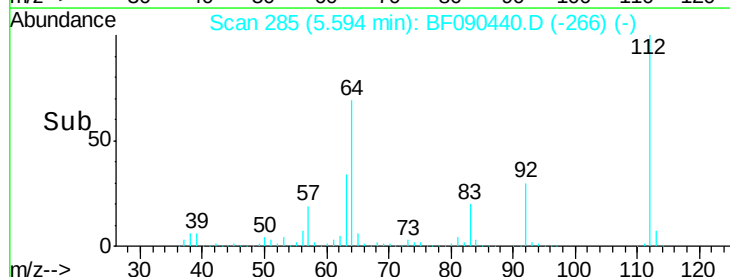
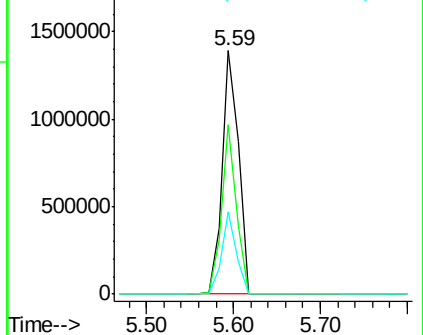
63 33.6 29.6 44.4

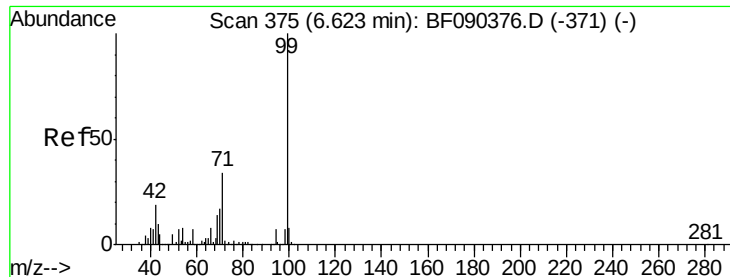


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.87 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Instrument :

BNA_F

ClientSampled :

T-2

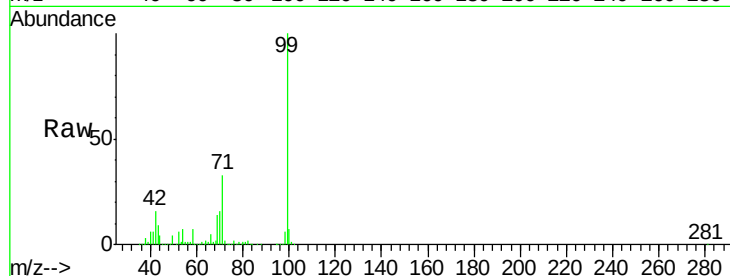
Tgt Ion: 99 Resp: 2357795

Ion Ratio Lower Upper

99 100

42 16.1 20.0 30.0#

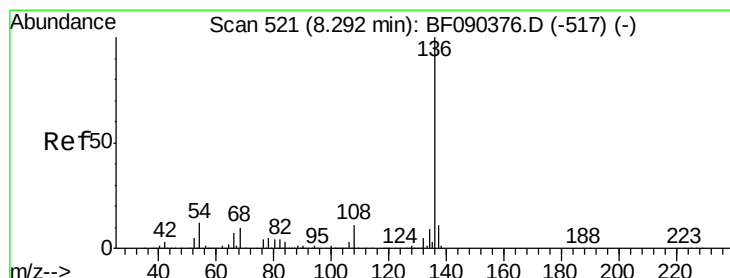
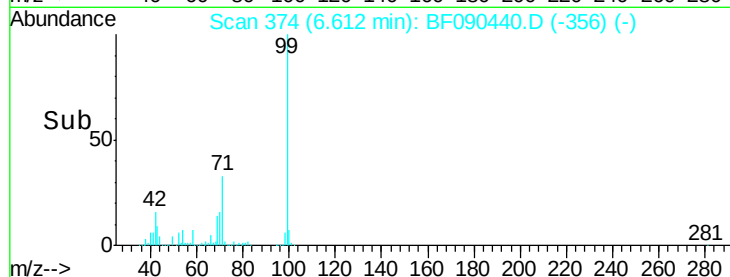
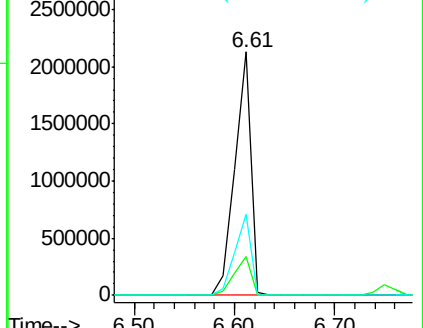
71 33.0 27.9 41.9



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: 8.27 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Tgt Ion: 136 Resp: 903219

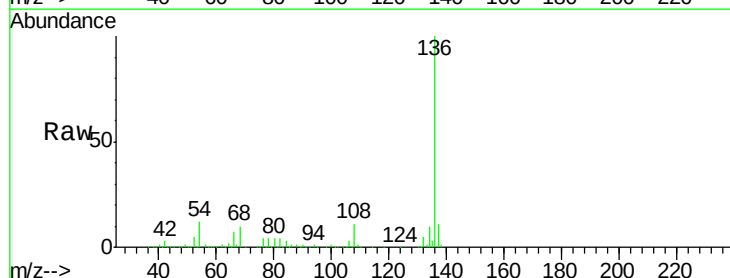
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.6 6.6 10.0#

68 9.9 5.0 7.6#

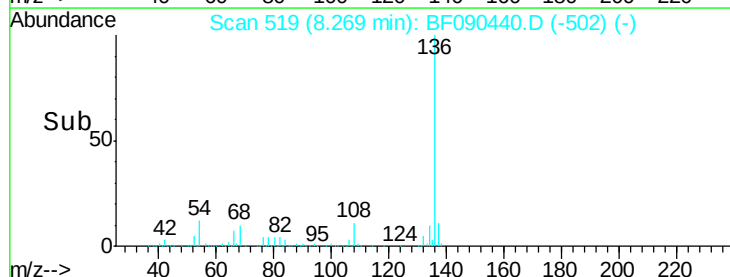
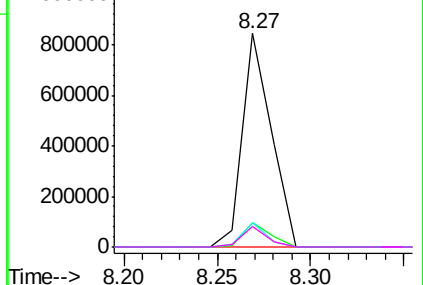


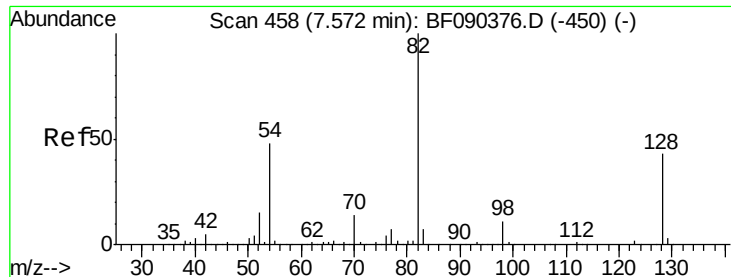
Abundance Ion 136.00 (135.70 to 136.70): E

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

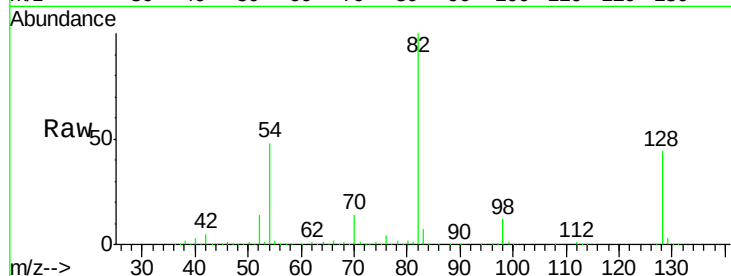




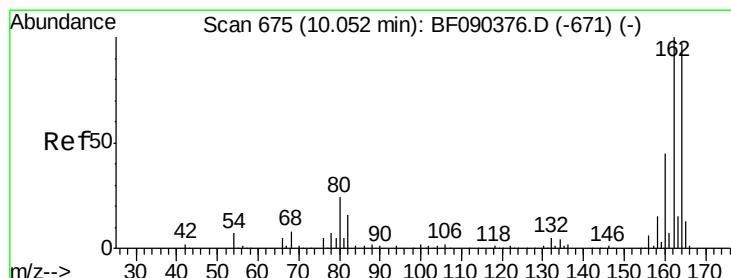
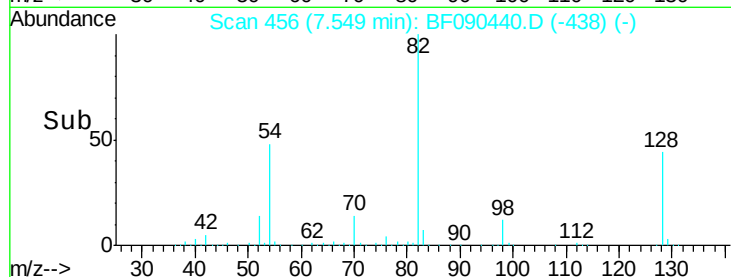
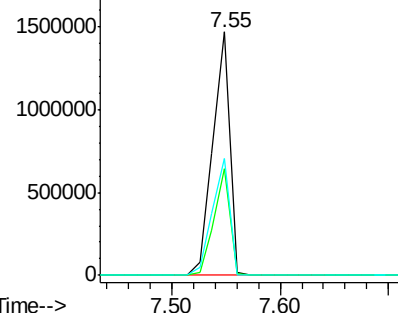
#23
 Nitrobenzene-d5
 Concen: 85.05 ng
 RT: 7.55 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF090440.D
 Acq: 7 Oct 2016 12:39

Instrument :
 BNA_F
 ClientSampled :
 T-2

Tgt Ion: 82 Resp: 1579185
 Ion Ratio Lower Upper
 82 100
 128 43.8 40.0 60.0
 54 47.9 42.6 64.0

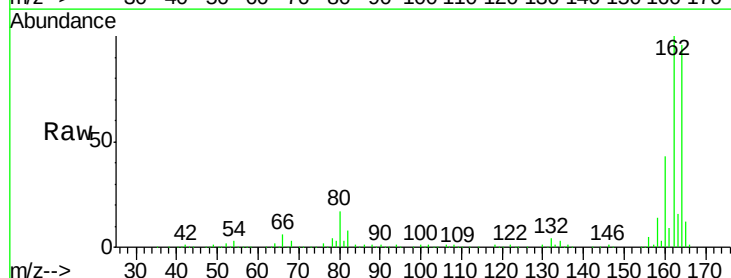


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

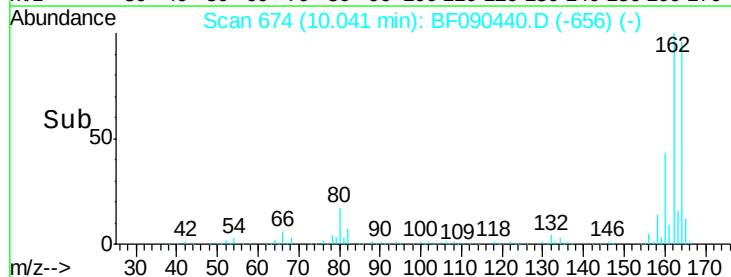
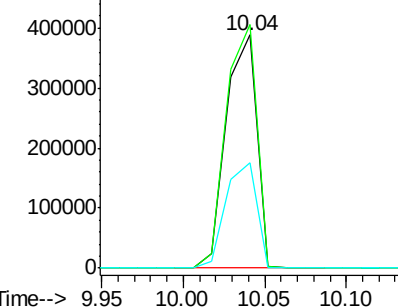


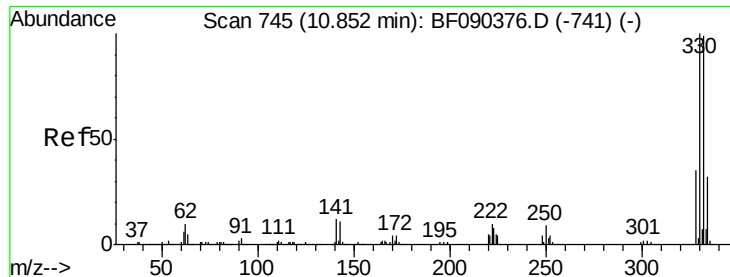
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090440.D
 Acq: 7 Oct 2016 12:39

Tgt Ion: 164 Resp: 502368
 Ion Ratio Lower Upper
 164 100
 162 104.5 80.1 120.1
 160 45.3 36.3 54.5



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

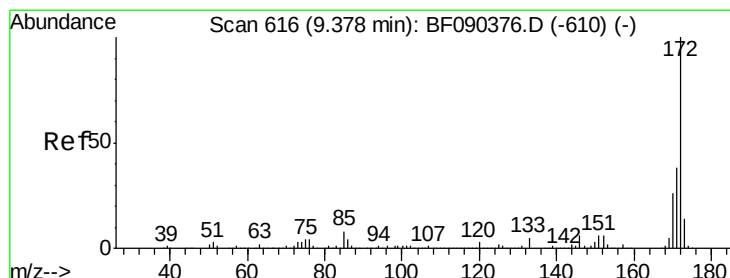
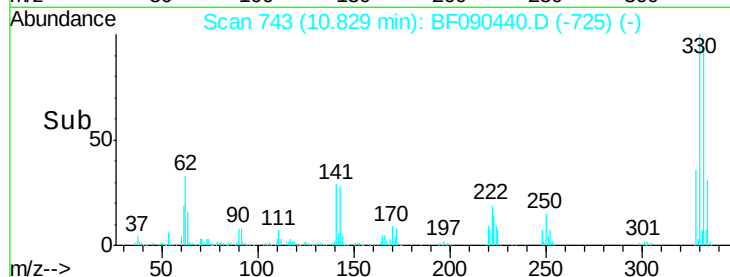
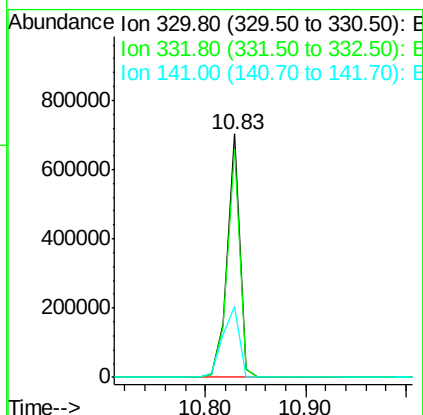
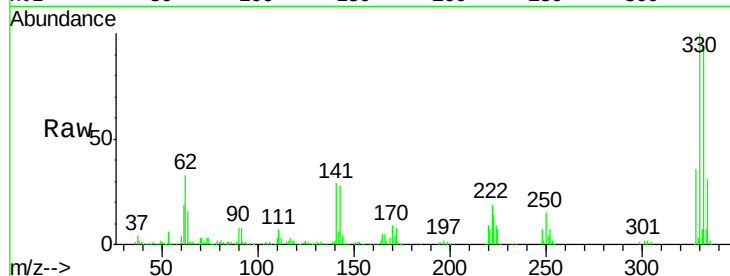




#41
 2,4,6-Tribromophenol
 Concen: 150.49 ng
 RT: 10.83 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF090440.D
 Acq: 7 Oct 2016 12:39

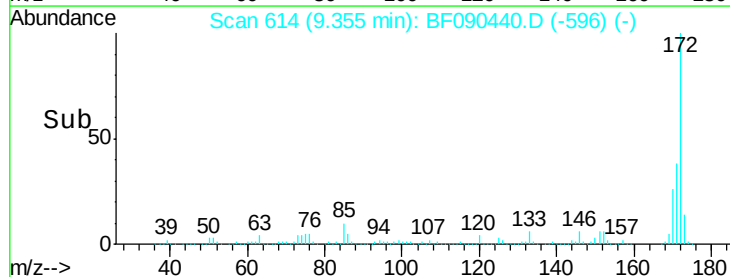
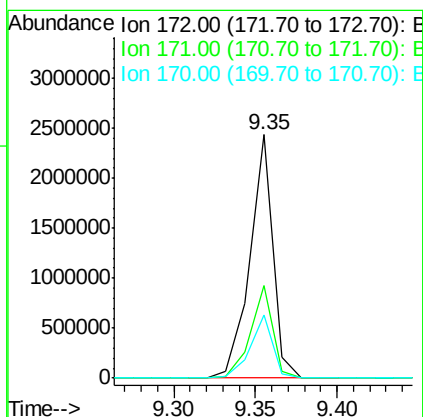
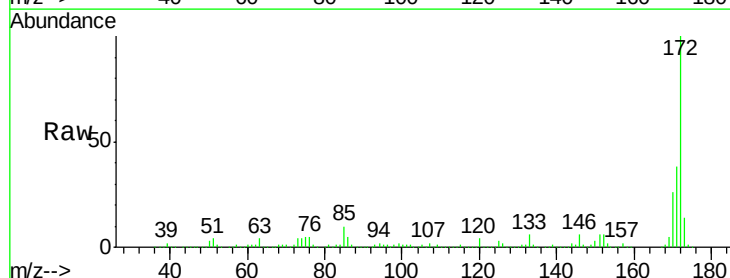
Instrument :
 BNA_F
 ClientSampleId :
 T-2

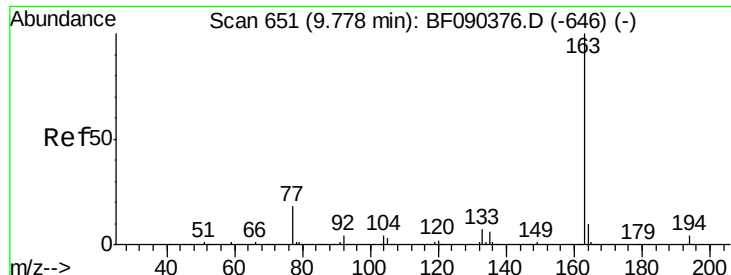
Tgt Ion:330 Resp: 614734
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.0
 141 38.3 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 78.60 ng
 RT: 9.35 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF090440.D
 Acq: 7 Oct 2016 12:39

Tgt Ion:172 Resp: 2369881
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.8
 170 25.9 21.7 32.5





#49

Dimethylphthalate

Concen: 17.94 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Instrument :

BNA_F

ClientSampleId :

T-2

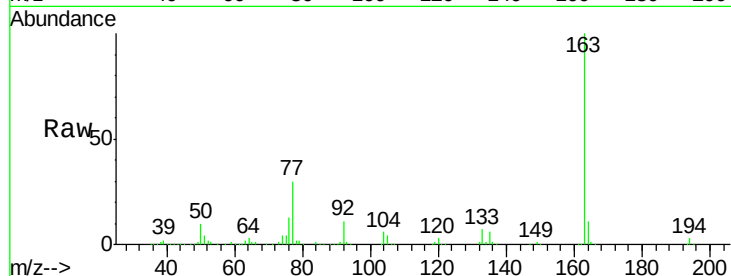
Tgt Ion:163 Resp: 577034

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

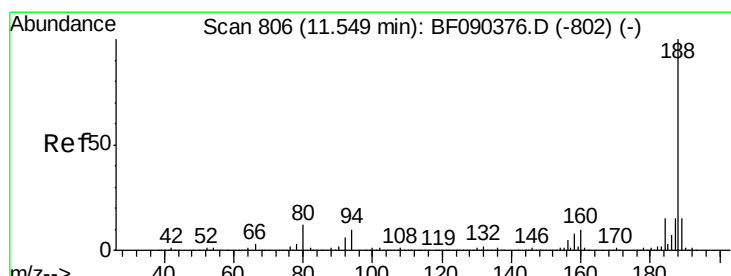
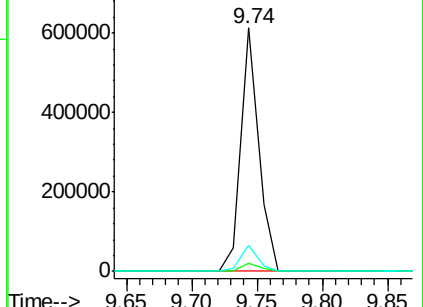
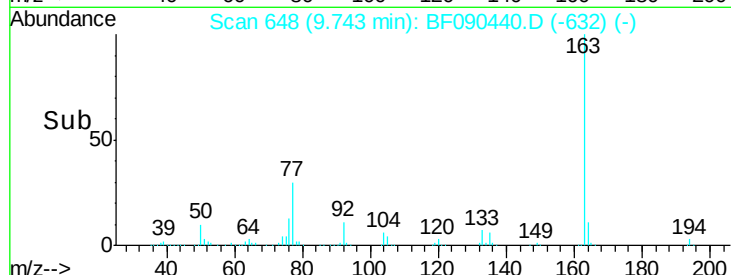
164 10.6 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

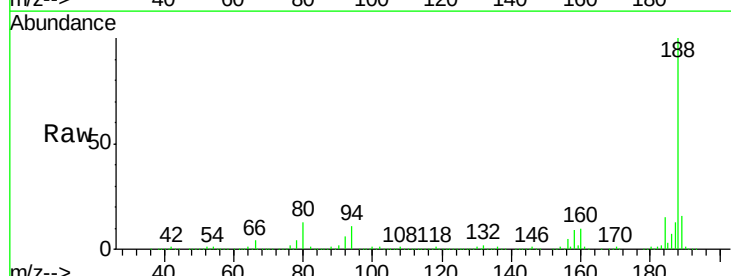
Tgt Ion:188 Resp: 927781

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.2

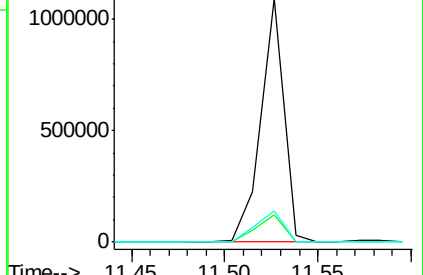
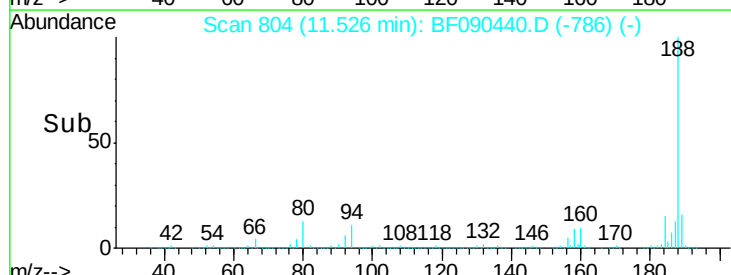
80 12.6 8.8 13.2

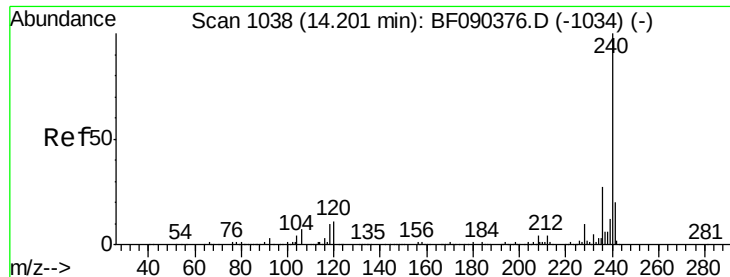


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Instrument :

BNA_F

ClientSampleId :

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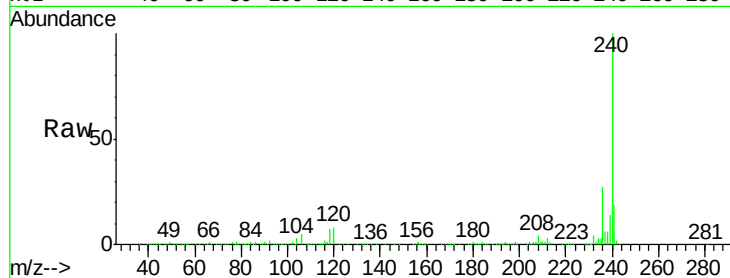
Tgt Ion:240 Resp: 770897

Ion Ratio Lower Upper

240 100

120 7.8 8.6 13.0#

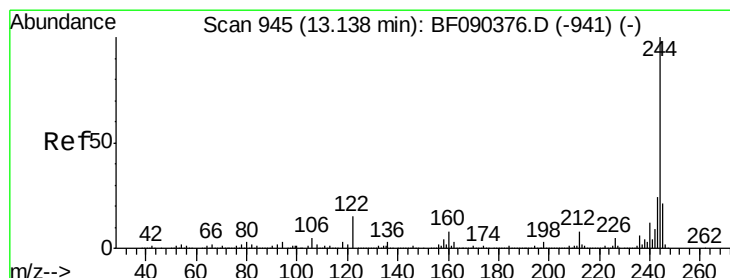
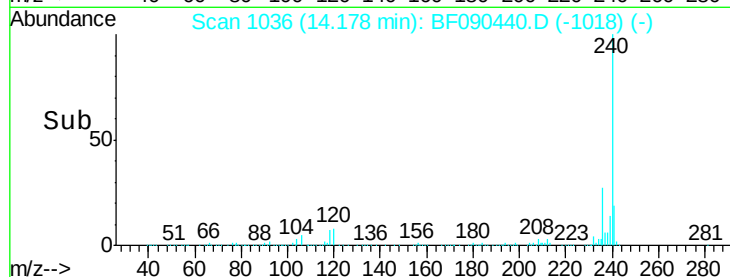
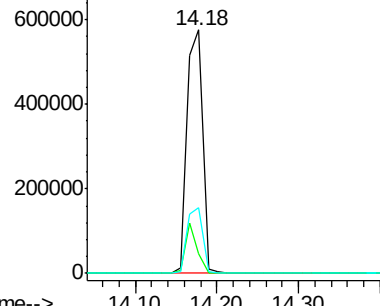
236 26.7 21.6 32.4



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: 88.14 ng

RT: 13.13 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

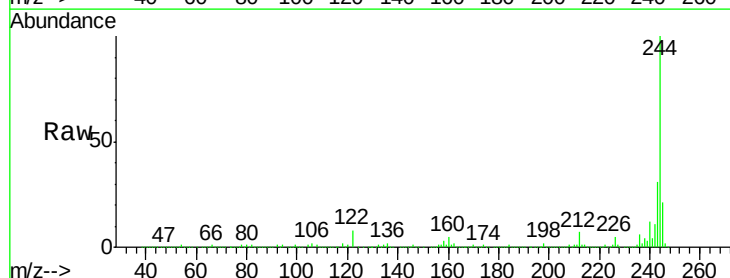
Tgt Ion:244 Resp: 3022420

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

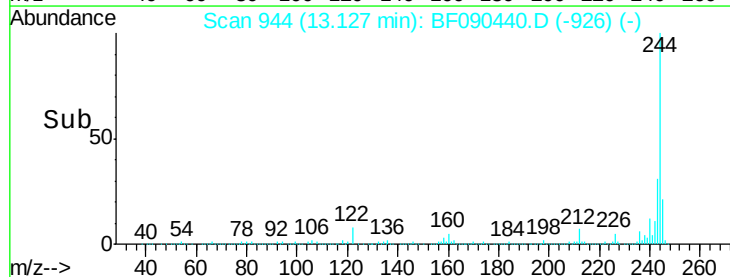
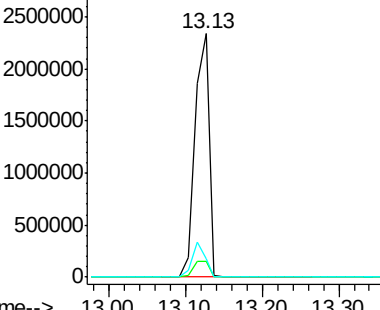
122 7.5 13.3 19.9#

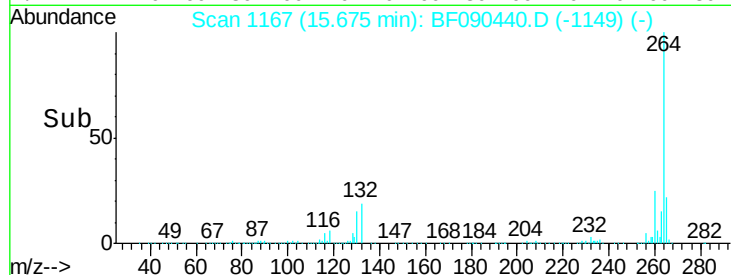
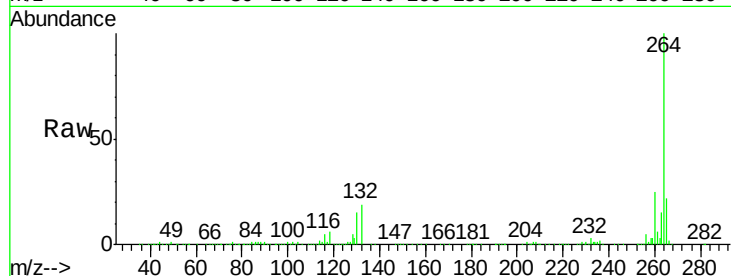
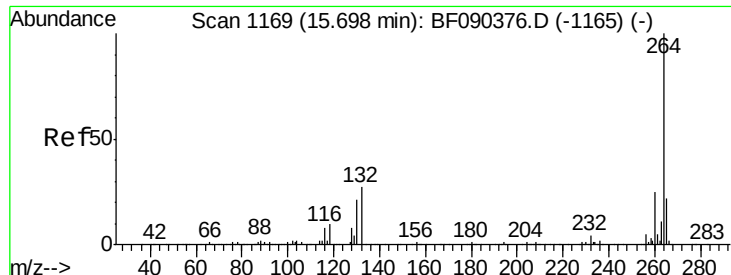


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:	264	Resp:	589619
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.9	17.4	26.0

