

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090447.D
 Acq On : 7 Oct 2016 15:50
 Operator : UM/SJ
 Sample : H5102-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Oct 10 01:52:17 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

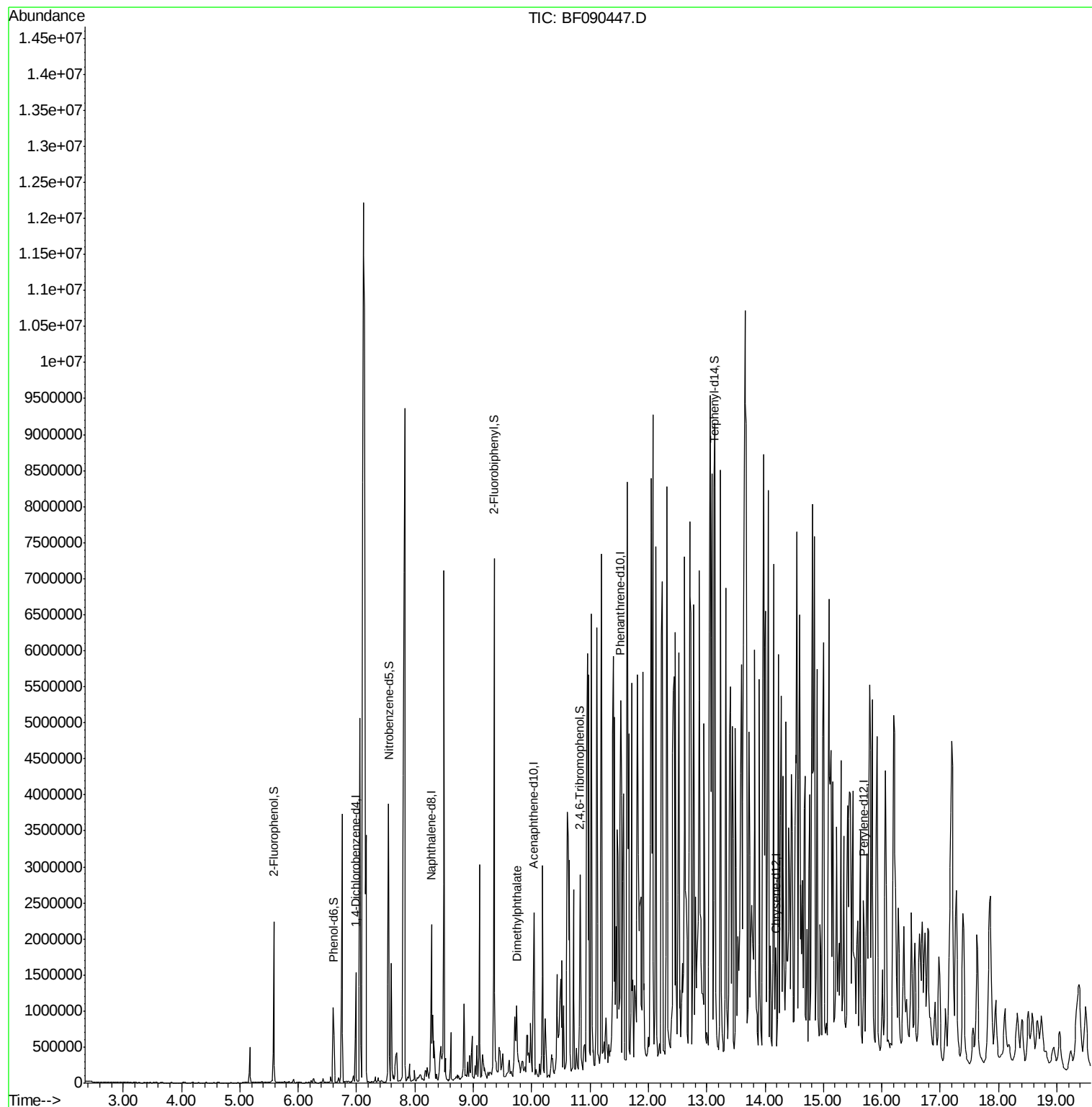
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	242956	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	1097470	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	519629	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	723129	20.00	ng	0.00
75) Chrysene-d12	14.19	240	483209	20.00	ng	0.01
86) Perylene-d12	15.69	264	433890	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	547120	33.61	ng	0.00
7) Phenol-d6	6.60	99	461133	21.63	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1396692	61.91	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	274162	64.89	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2170402	69.59	ng	0.00
78) Terphenyl-d14	13.13	244	1886619	87.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	232603	6.99	ng	Qvalue 97

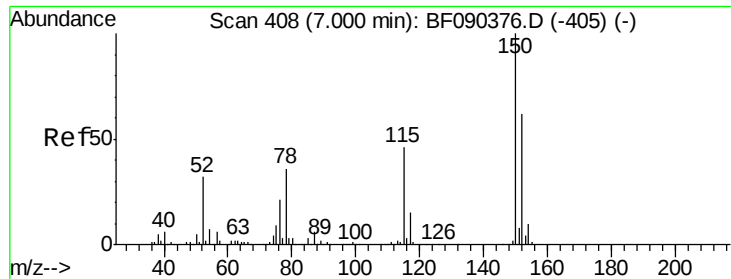
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

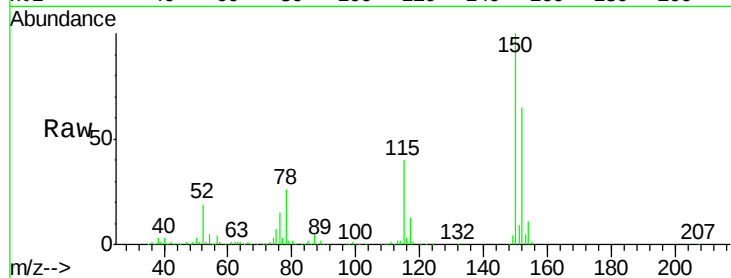
Tgt Ion:152 Resp: 242956

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

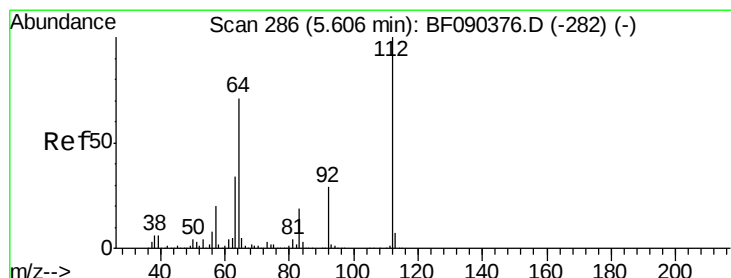
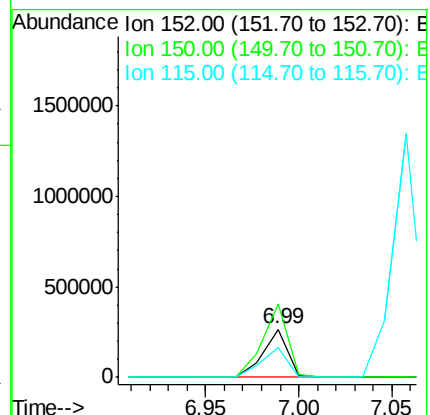
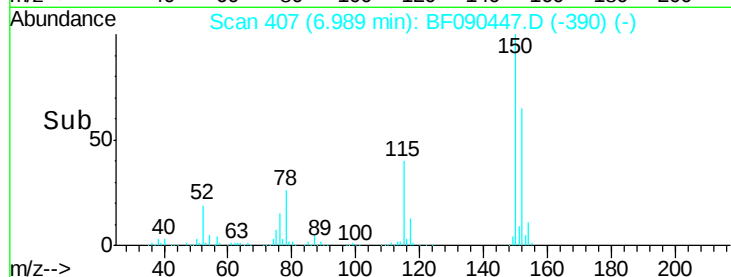
115 61.5 46.2 69.4



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: 33.61 ng

RT: 5.58 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

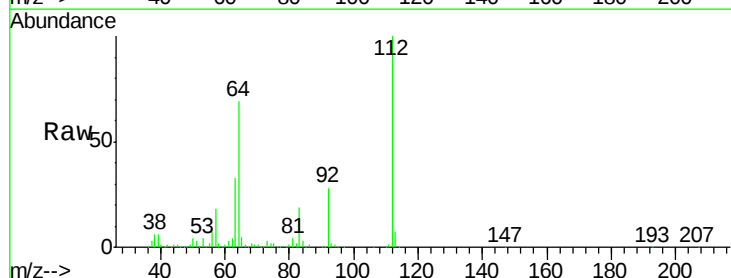
Tgt Ion:112 Resp: 547120

Ion Ratio Lower Upper

112 100

64 69.1 57.9 86.9

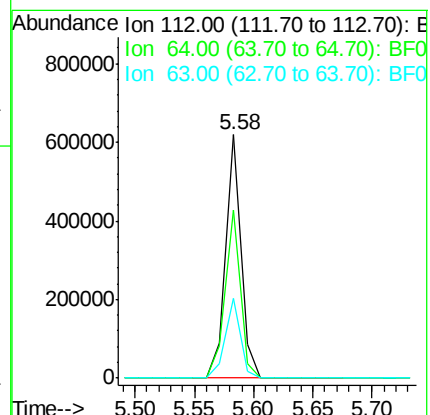
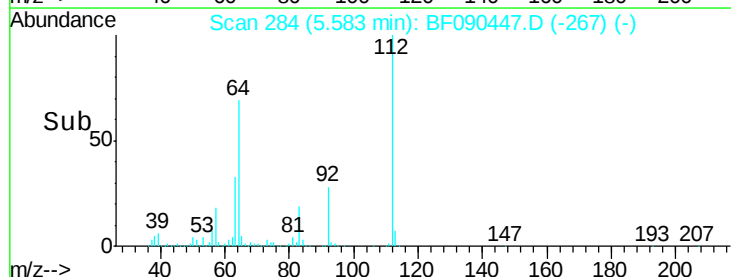
63 32.7 29.6 44.4

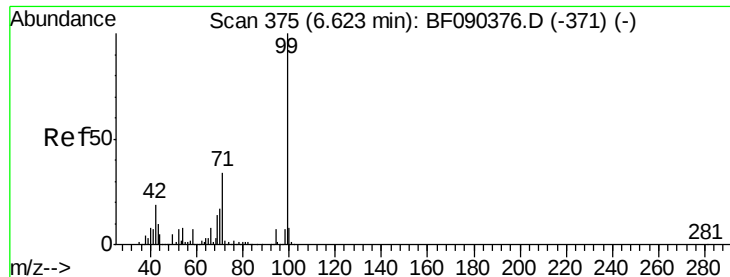


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.63 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

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ClientSampleId :

CLEARWELL

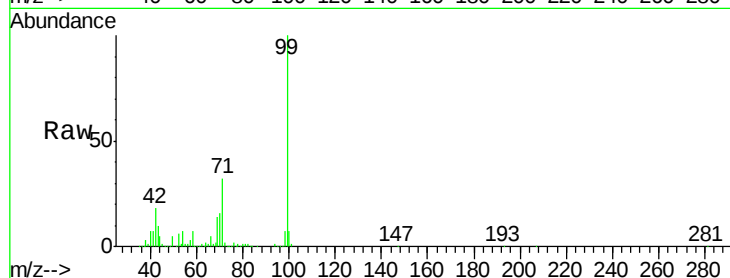
Tgt Ion: 99 Resp: 461133

Ion Ratio Lower Upper

99 100

42 18.0 20.0 30.0#

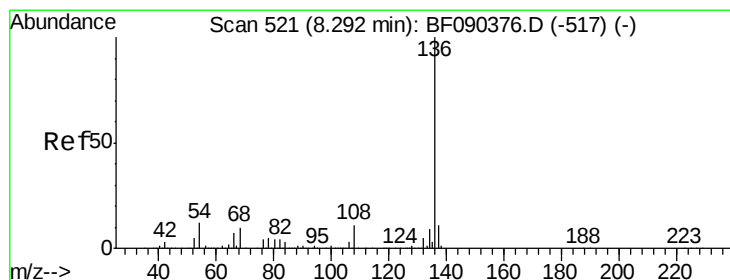
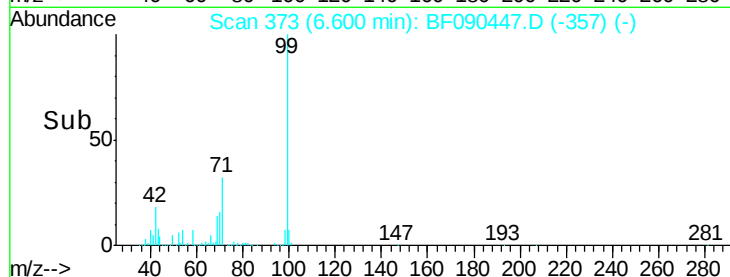
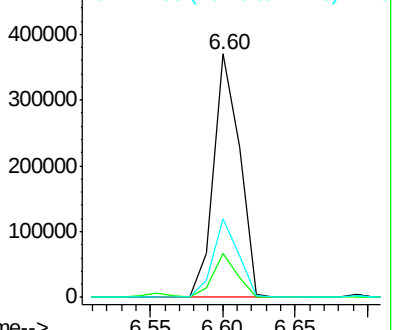
71 32.3 27.9 41.9



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: 8.28 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Tgt Ion: 136 Resp: 1097470

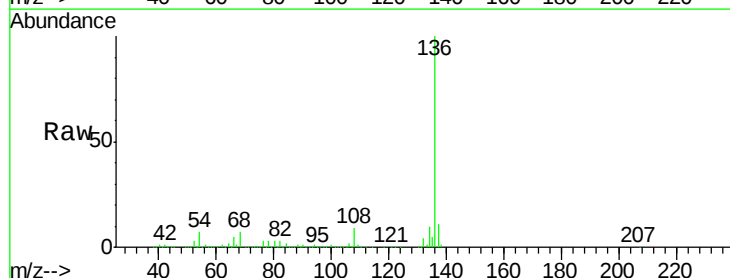
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.4 6.6 10.0

68 6.8 5.0 7.6

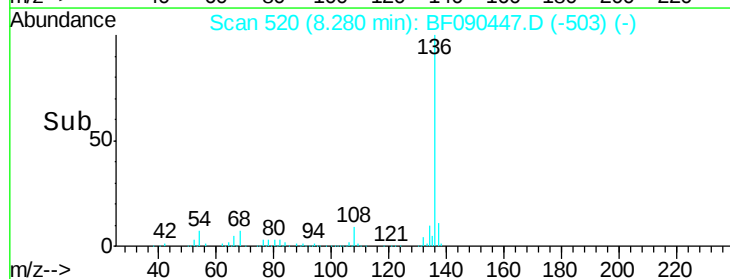
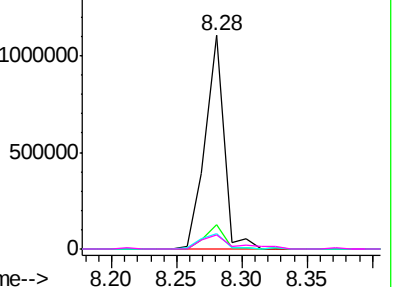


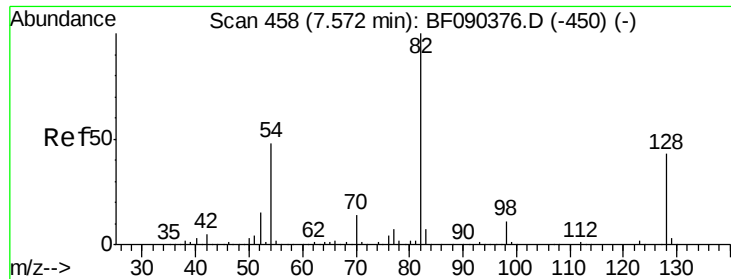
Abundance Ion 136.00 (135.70 to 136.70): E

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

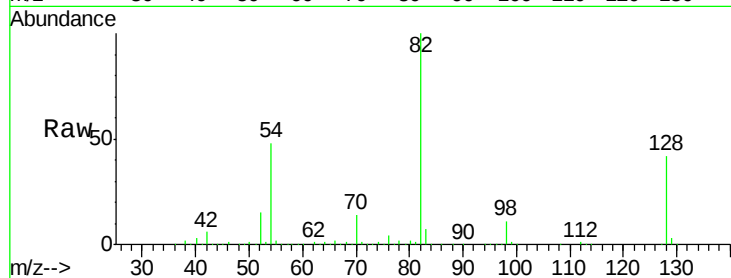




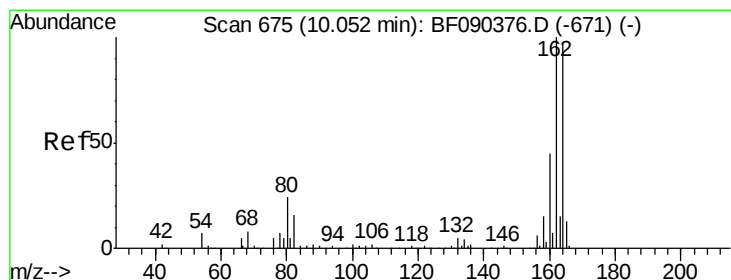
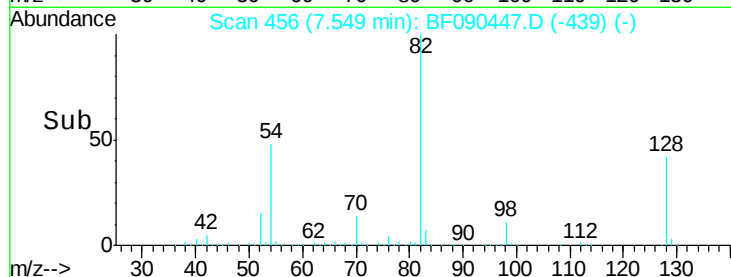
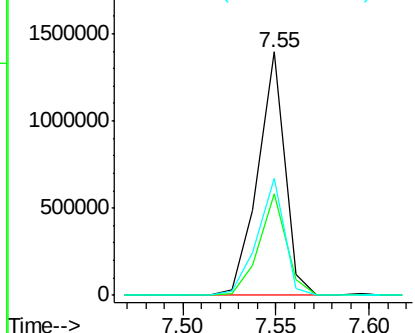
#23
 Nitrobenzene-d5
 Concen: 61.91 ng
 RT: 7.55 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF090447.D
 Acq: 7 Oct 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tgt Ion: 82 Resp: 1396692
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.0 60.0
 54 48.0 42.6 64.0

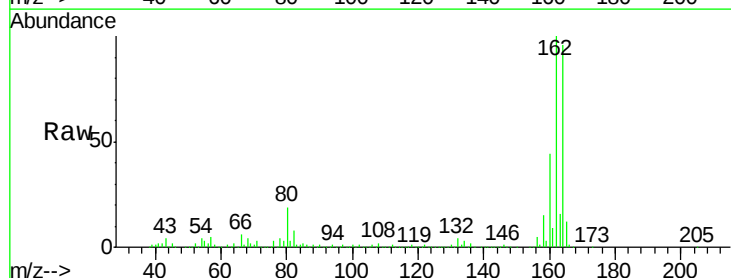


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

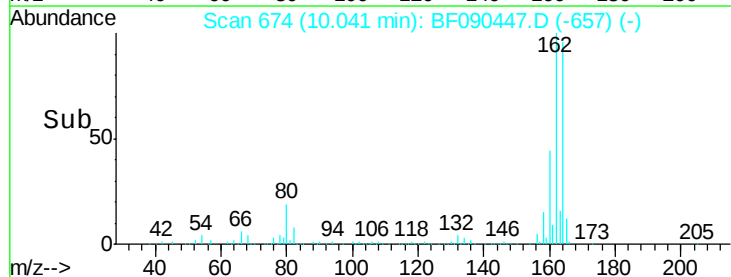
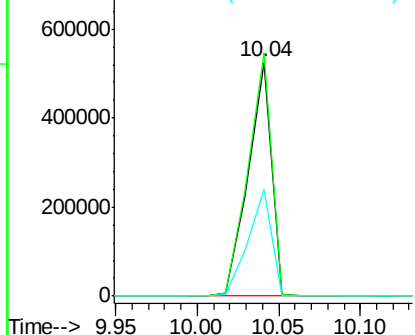


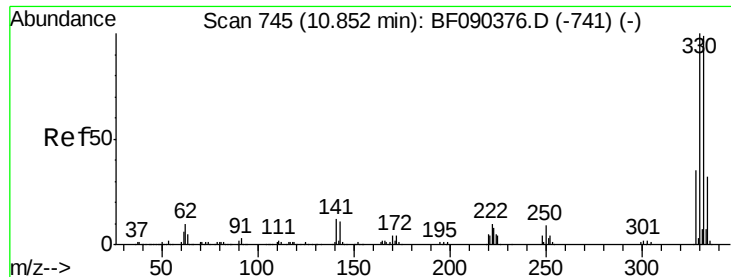
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090447.D
 Acq: 7 Oct 2016 15:50

Tgt Ion: 164 Resp: 519629
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.1 120.1
 160 45.9 36.3 54.5



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

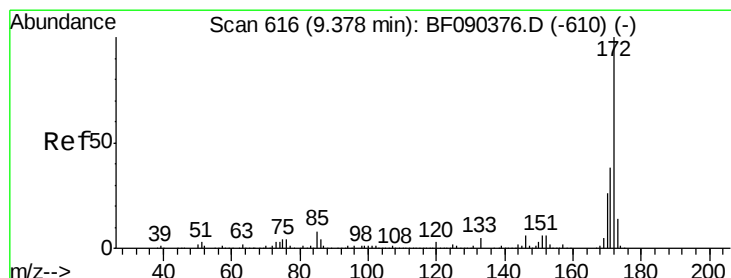
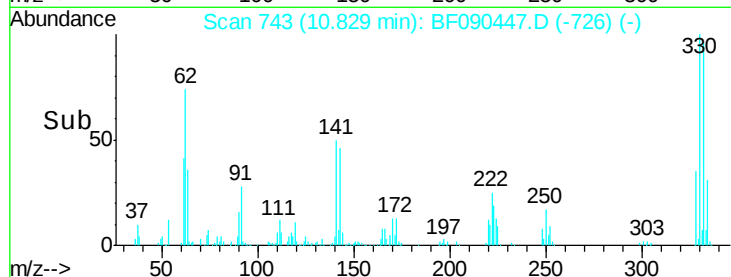
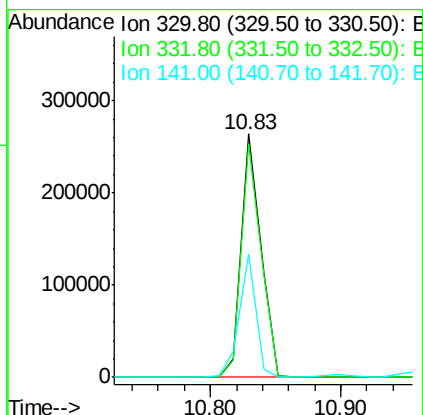
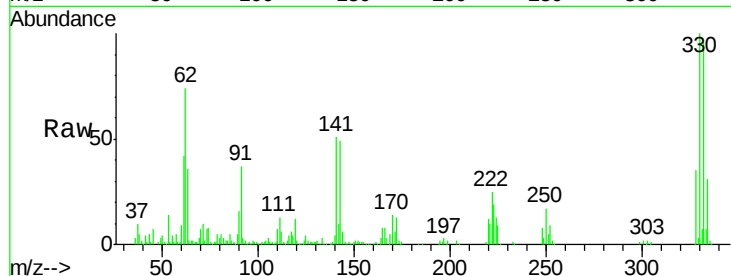




#41
 2,4,6-Tribromophenol
 Concen: 64.89 ng
 RT: 10.83 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF090447.D
 Acq: 7 Oct 2016 15:50

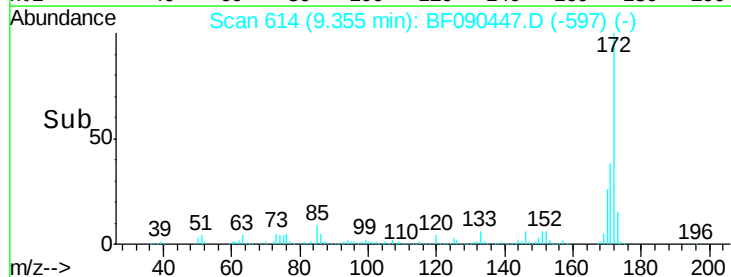
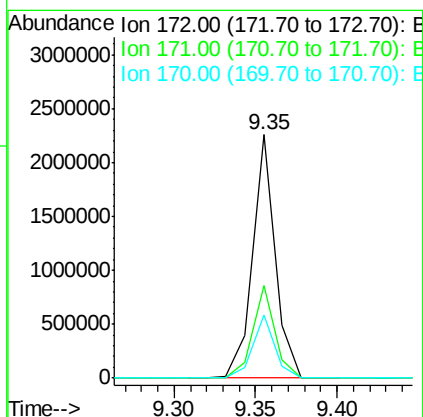
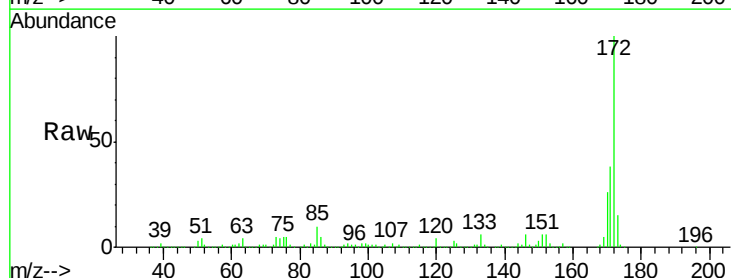
Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

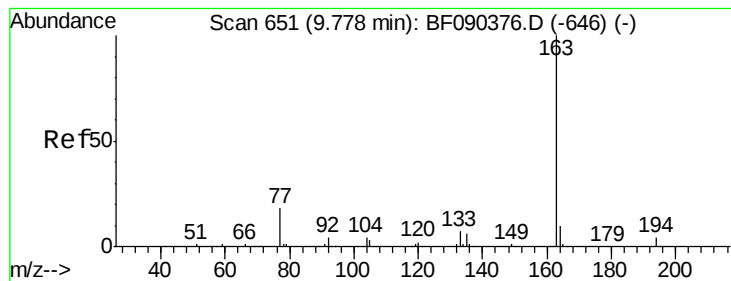
Tgt Ion:330 Resp: 274162
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 42.7 26.9 40.3#



#44
 2-Fluorobiphenyl
 Concen: 69.59 ng
 RT: 9.35 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF090447.D
 Acq: 7 Oct 2016 15:50

Tgt Ion:172 Resp: 2170402
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.0 21.7 32.5





#49

Dimethylphthalate

Concen: 6.99 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

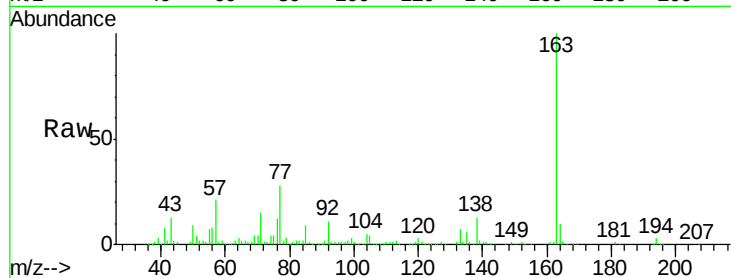
Tgt Ion:163 Resp: 232603

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

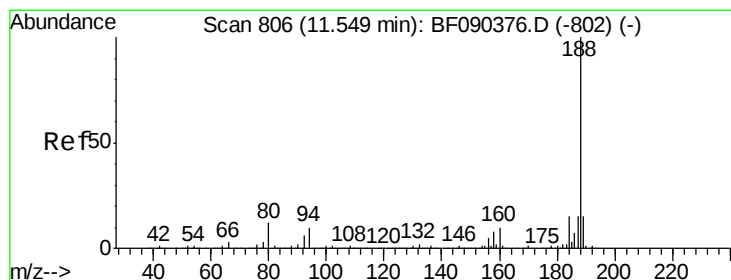
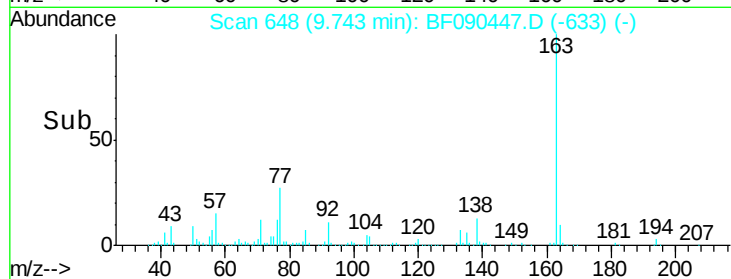
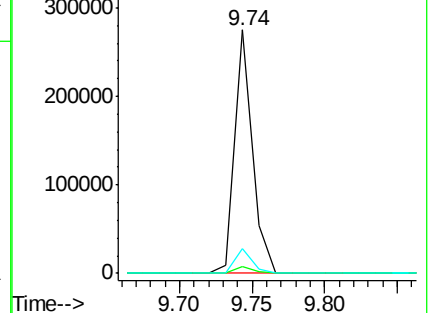
164 10.1 9.0 13.4



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: BF090447.D

Acq: 7 Oct 2016 15:50

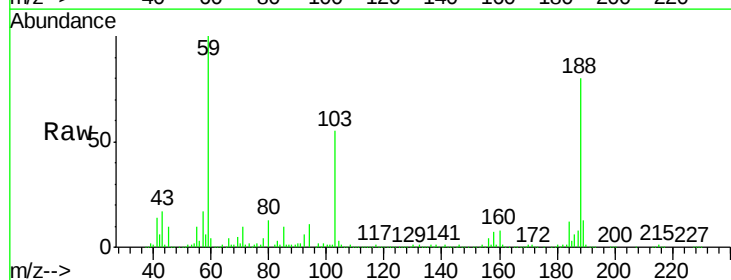
Tgt Ion:188 Resp: 723129

Ion Ratio Lower Upper

188 100

94 13.4 8.2 12.2#

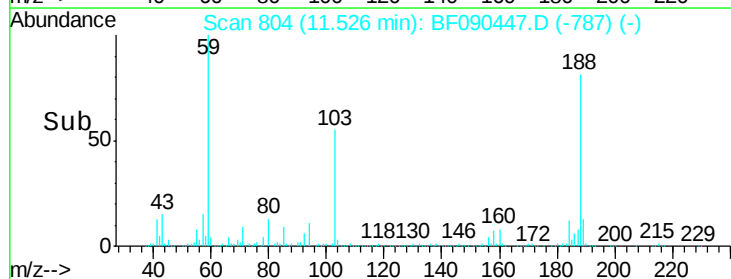
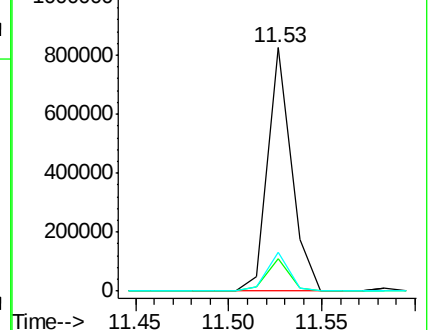
80 15.8 8.8 13.2#

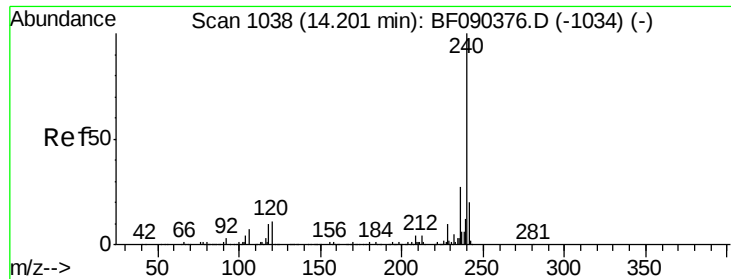


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

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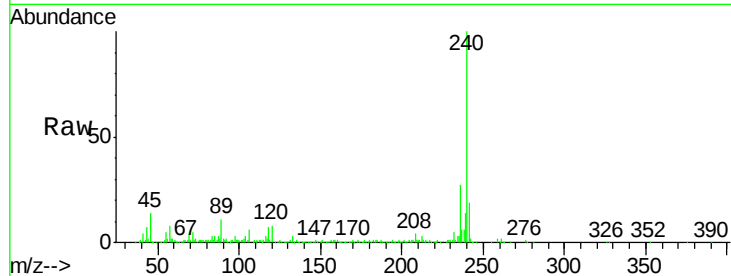
Tgt Ion:240 Resp: 483209

Ion Ratio Lower Upper

240 100

120 8.2 8.6 13.0#

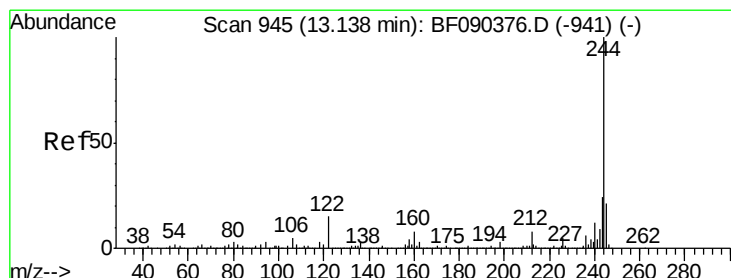
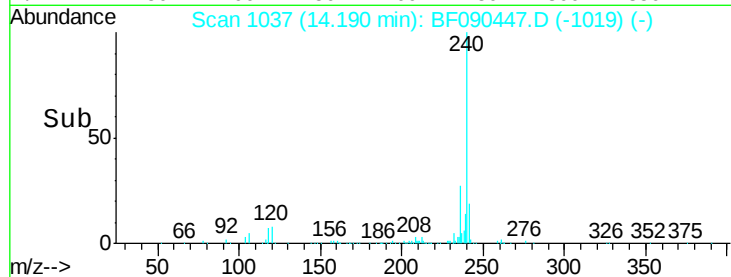
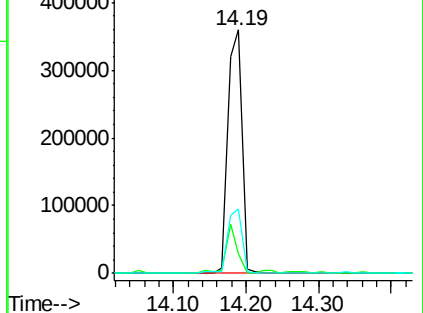
236 26.7 21.6 32.4



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: 87.78 ng

RT: 13.13 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

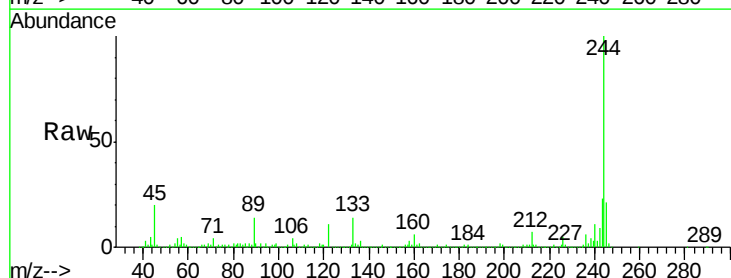
Tgt Ion:244 Resp: 1886619

Ion Ratio Lower Upper

244 100

212 7.1 6.8 10.2

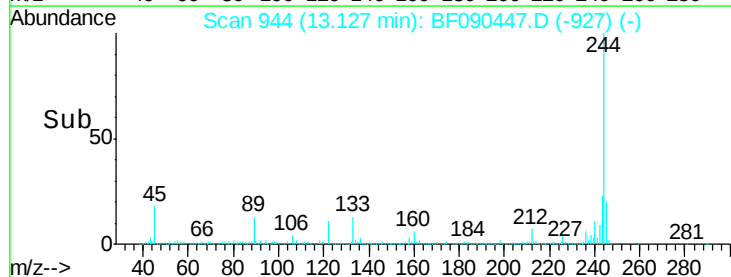
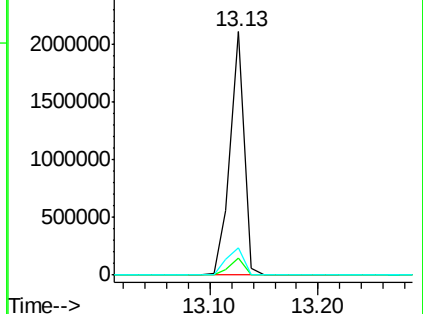
122 11.4 13.3 19.9#

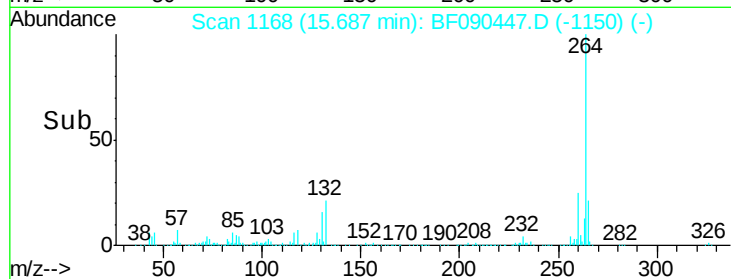
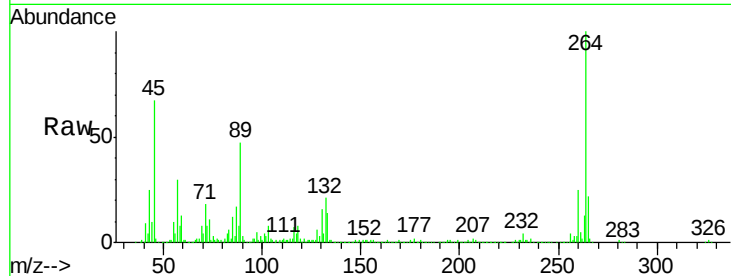
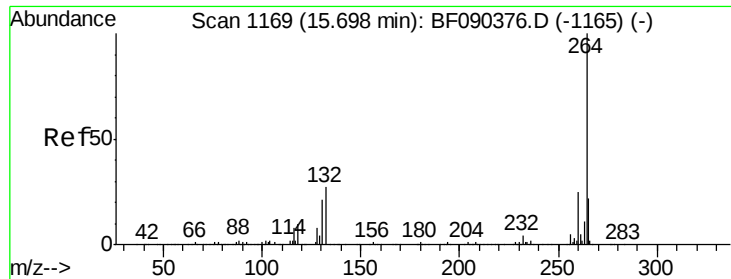


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

Tgt Ion: 264 Resp: 433890

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.5 17.4 26.0

