

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081545.D
 Acq On : 9 Sep 2015 4:41
 Operator : UM/IZ
 Sample : G3594-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-4A

Quant Time: Sep 09 06:02:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

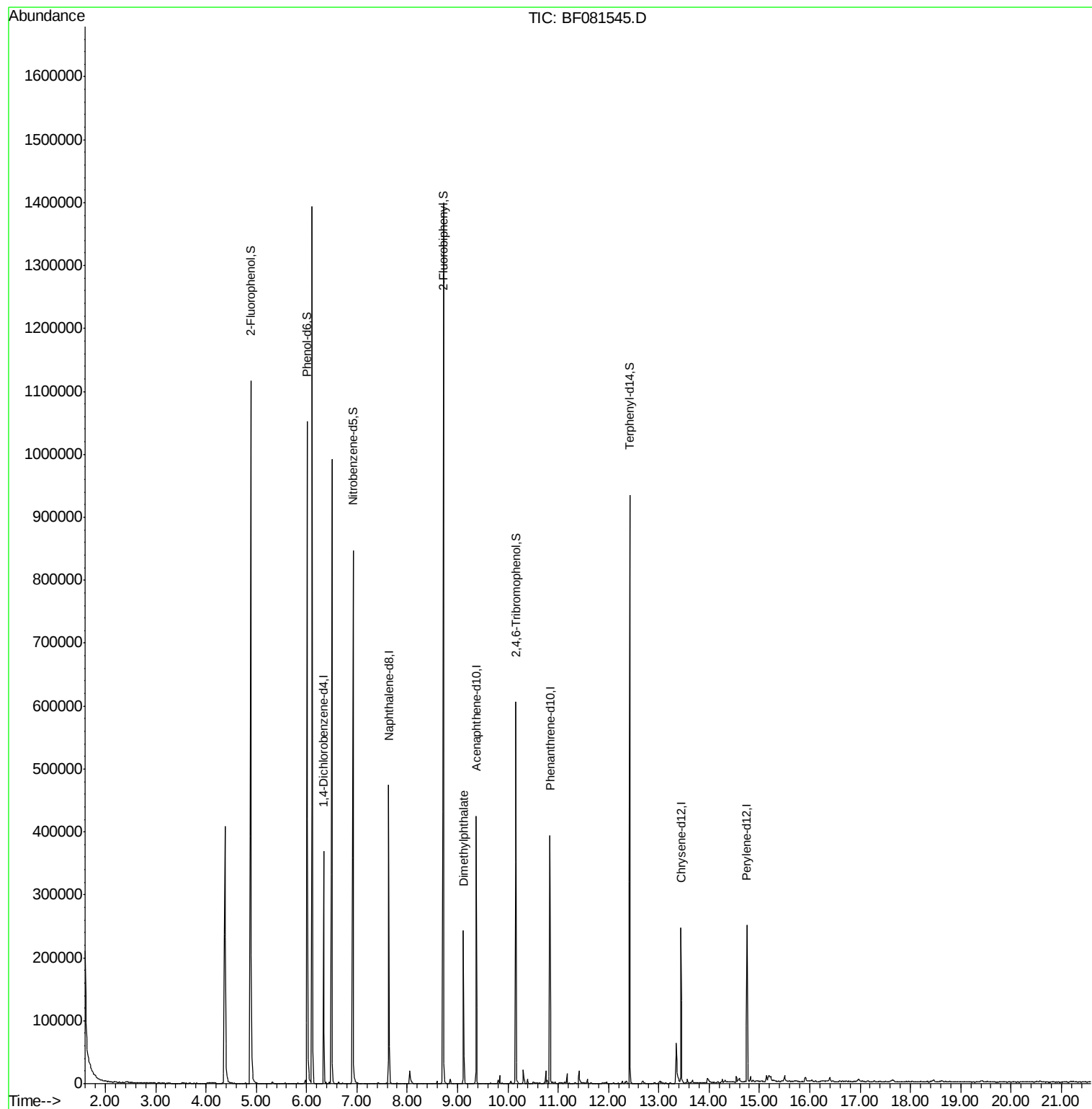
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	49600	20.00	ng	-0.01
21) Naphthalene-d8	7.63	136	189945	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	83184	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	147885	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	105940	20.00	ng	-0.01
86) Perylene-d12	14.75	264	101148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	302930	94.76	ng	0.01
7) Phenol-d6	6.01	99	376383	88.95	ng	-0.01
23) Nitrobenzene-d5	6.92	82	286824	72.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.16	330	75255	101.60	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	435832	67.14	ng	0.00
78) Terphenyl-d14	12.42	244	292520	64.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.12	163	85873	13.29	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: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-4A

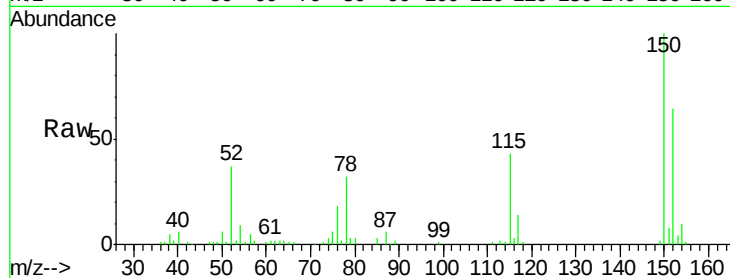
Tgt Ion:152 Resp: 49600

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

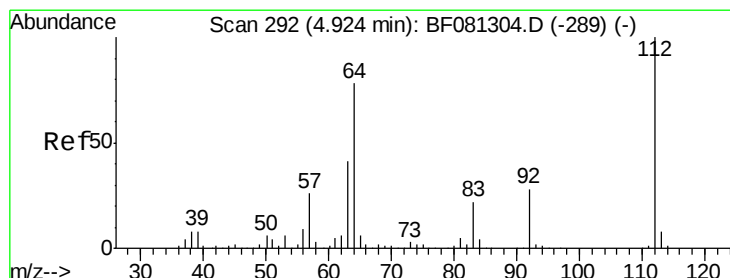
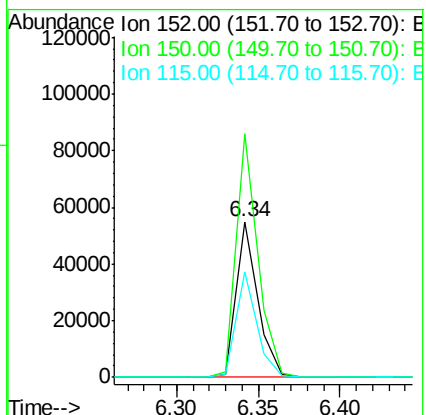
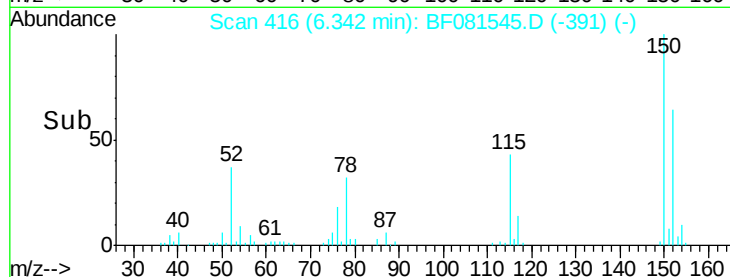
115 68.0 39.0 58.4#



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: 94.76 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

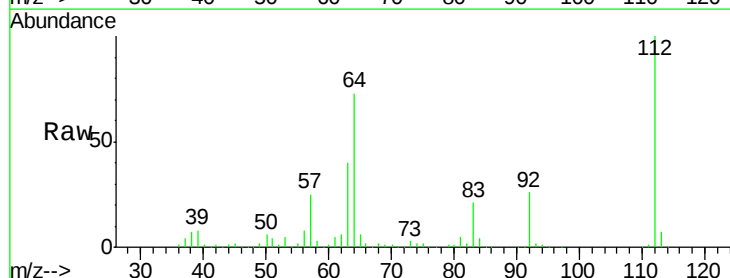
Tgt Ion:112 Resp: 302930

Ion Ratio Lower Upper

112 100

64 73.2 39.7 59.5#

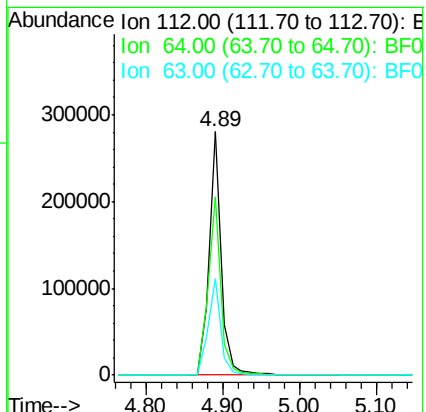
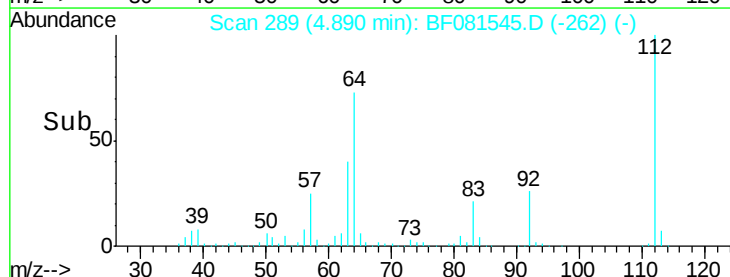
63 39.8 17.4 26.0#



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: 88.95 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-4A

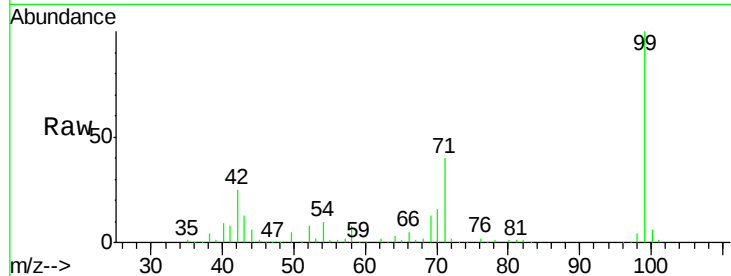
Tgt Ion: 99 Resp: 376383

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

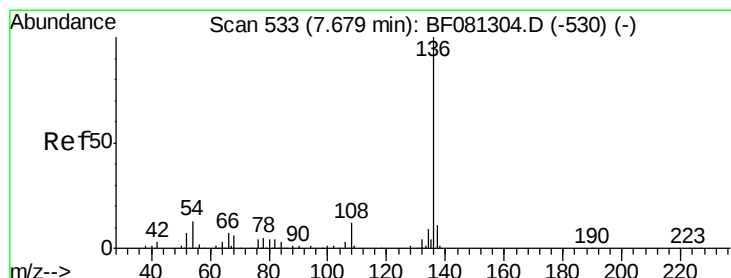
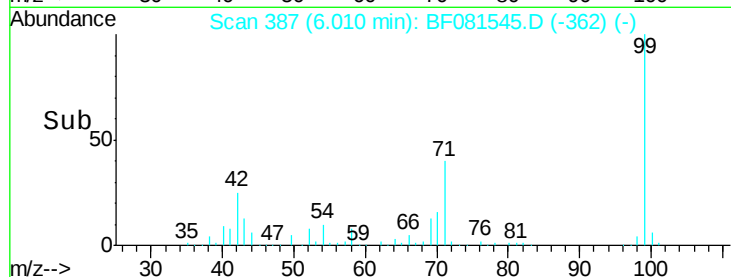
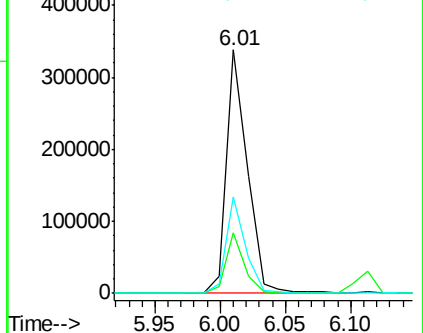
71 39.7 14.2 21.2#



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: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

Tgt Ion: 136 Resp: 189945

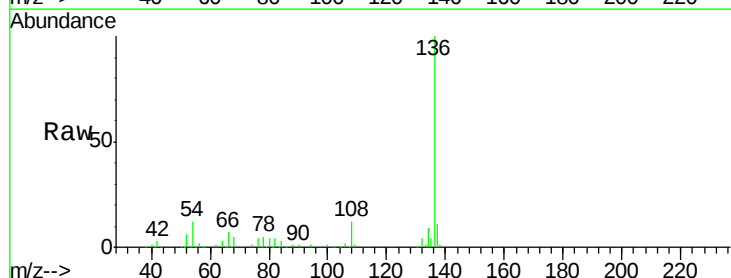
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.3 8.2 12.2#

68 5.4 5.8 8.6#

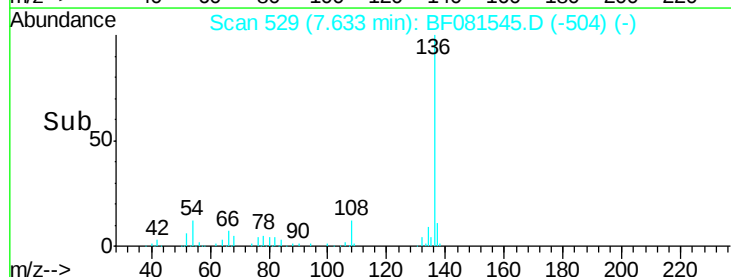
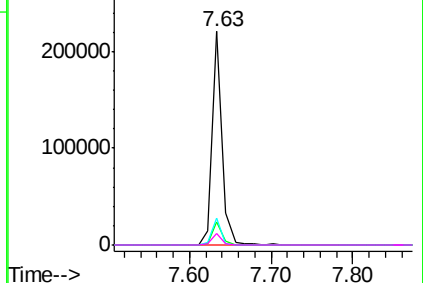


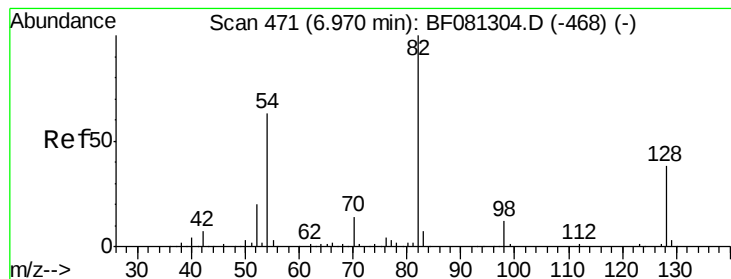
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.85 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-4A

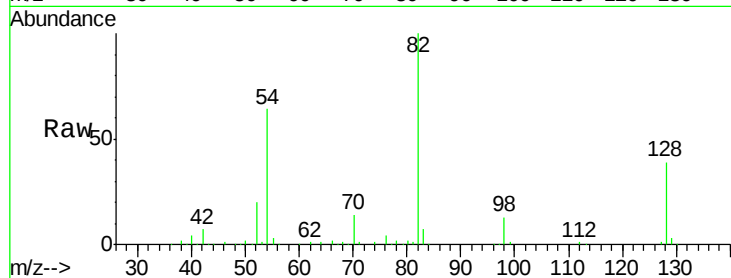
Tgt Ion: 82 Resp: 286824

Ion Ratio Lower Upper

82 100

128 39.2 51.0 76.6#

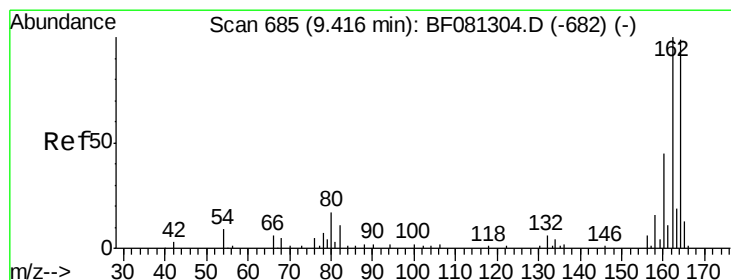
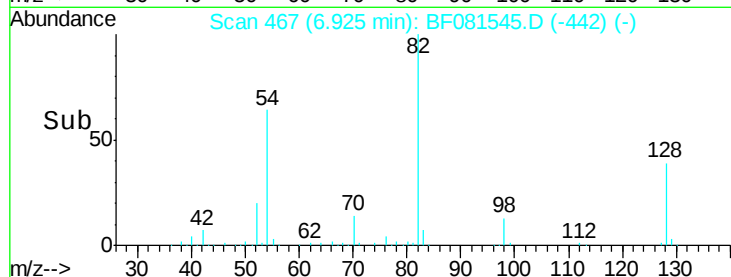
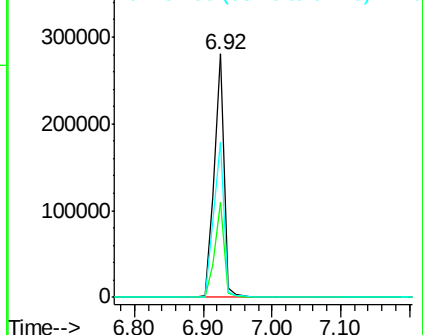
54 63.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

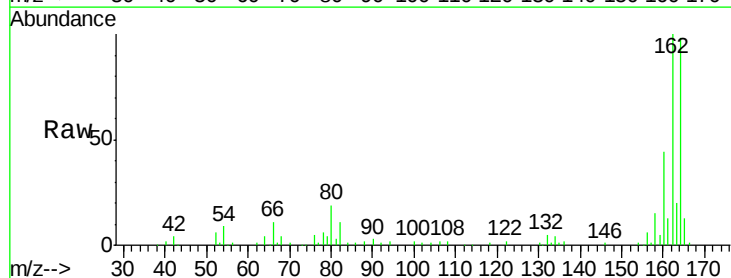
Tgt Ion: 164 Resp: 83184

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

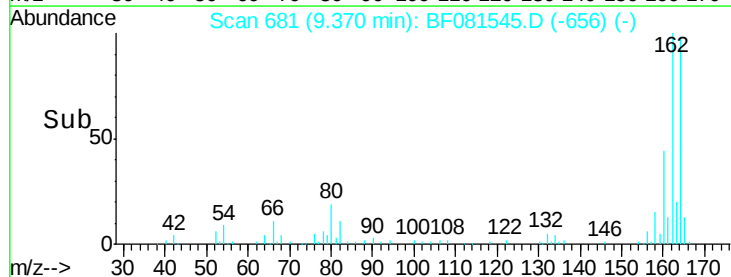
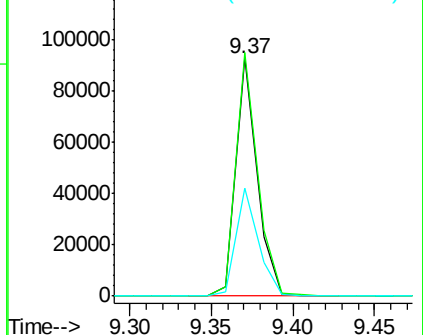
160 45.4 31.5 47.3



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

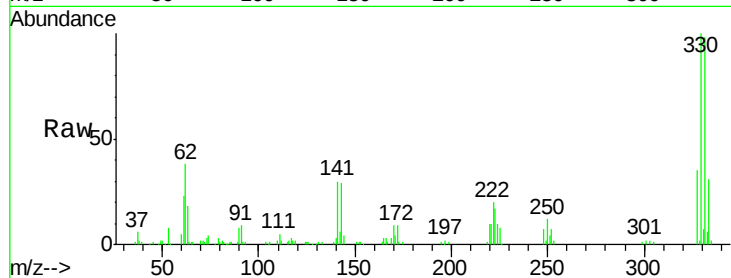




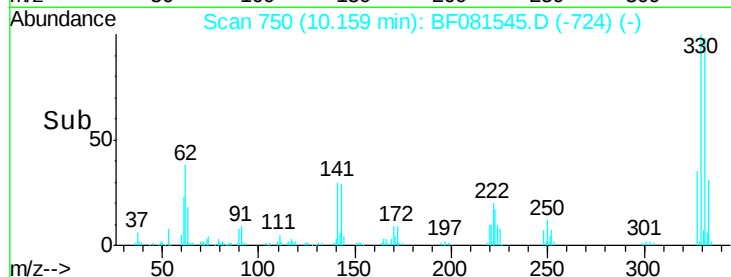
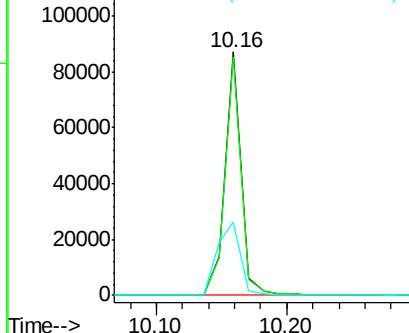
#41
 2,4,6-Tribromophenol
 Concen: 101.60 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081545.D
 Acq: 9 Sep 2015 4:41

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-4A

Tgt Ion:330 Resp: 75255
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 43.0 29.7 44.5

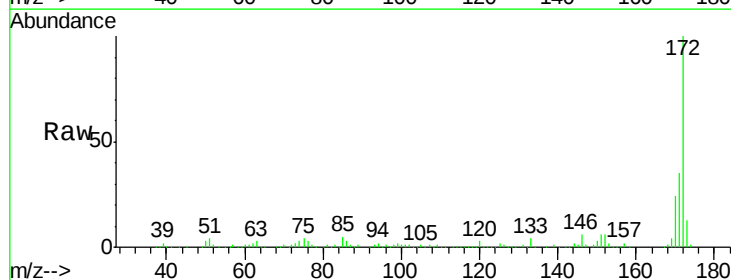


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

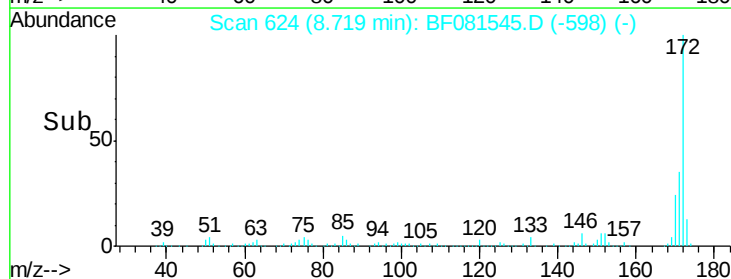
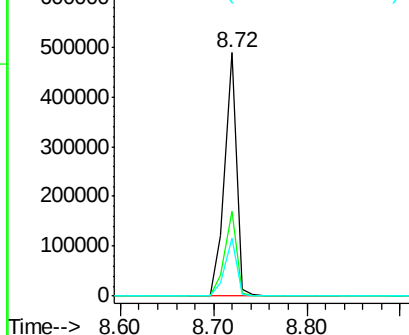


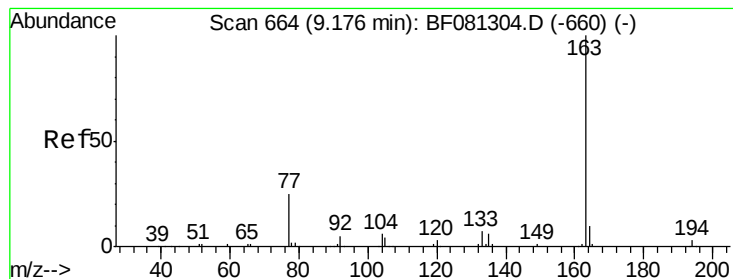
#44
 2-Fluorobiphenyl
 Concen: 67.14 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081545.D
 Acq: 9 Sep 2015 4:41

Tgt Ion:172 Resp: 435832
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.9 17.4 26.2



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





#49

Dimethylphthalate

Concen: 13.29 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-4A

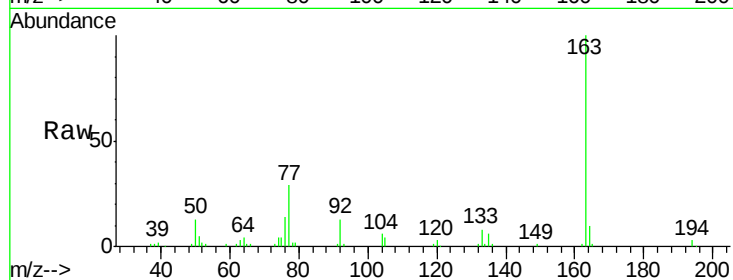
Tgt Ion:163 Resp: 85873

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

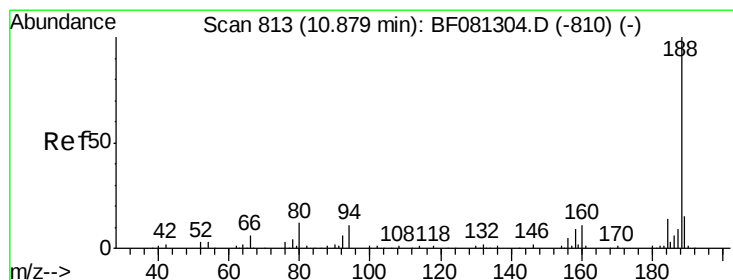
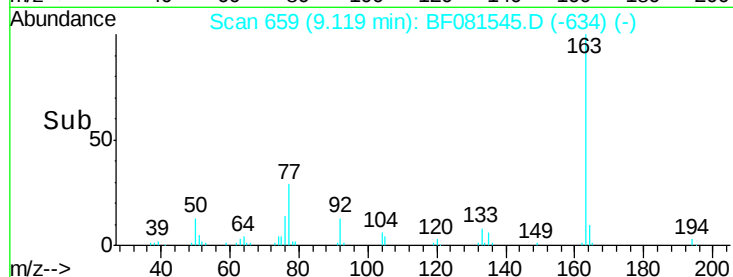
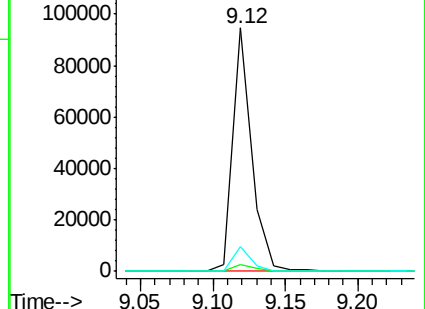
164 10.2 8.3 12.5



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: 10.83 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

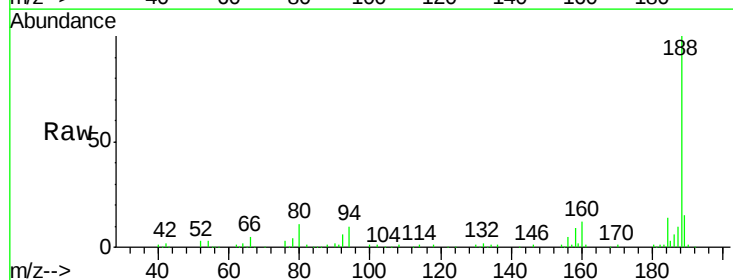
Tgt Ion:188 Resp: 147885

Ion Ratio Lower Upper

188 100

94 9.8 11.1 16.7#

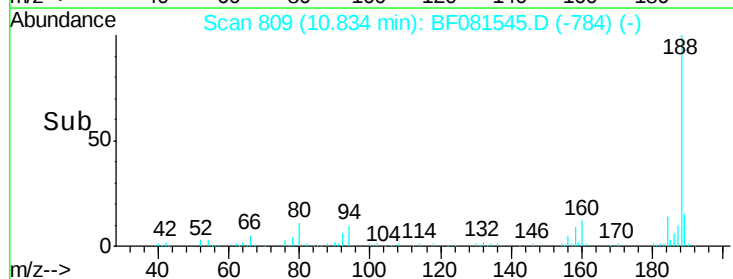
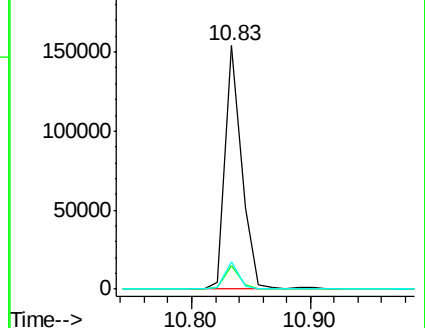
80 11.0 11.0 16.4

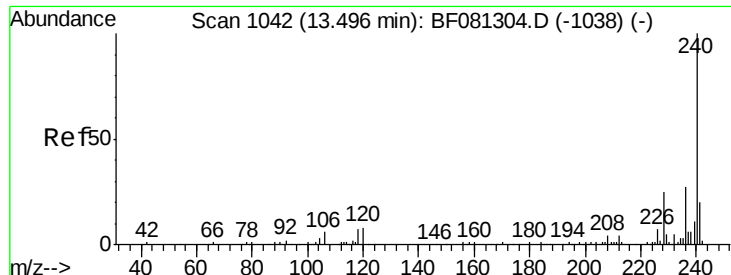


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-4A

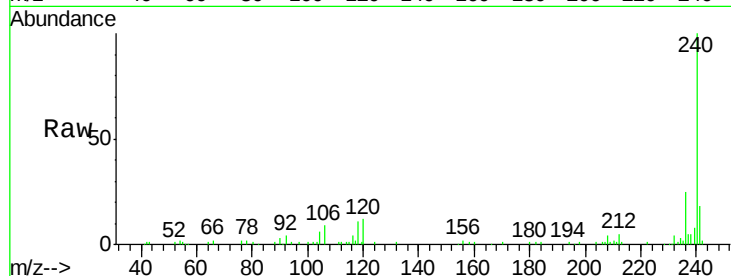
Tgt Ion:240 Resp: 105940

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

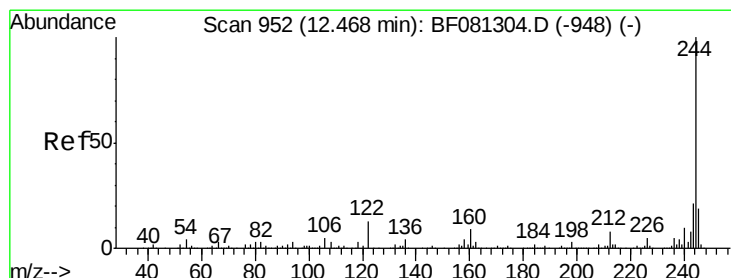
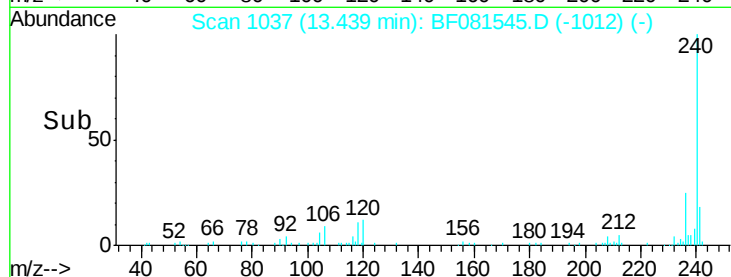
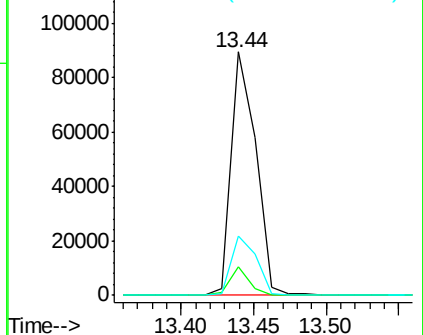
236 24.5 18.4 27.6



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: 64.28 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081545.D

Acq: 9 Sep 2015 4:41

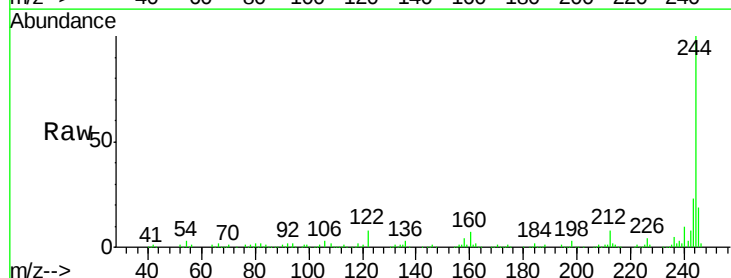
Tgt Ion:244 Resp: 292520

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

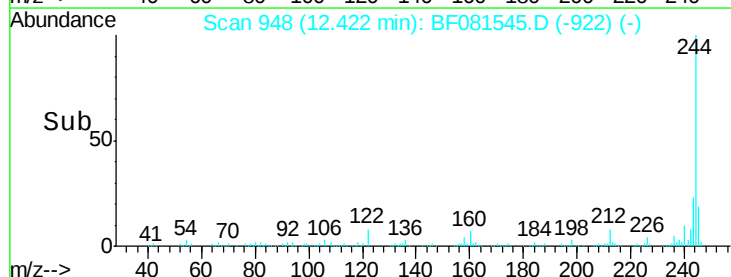
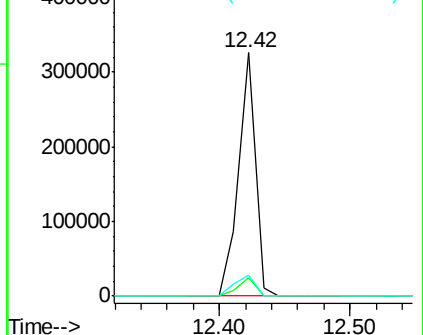
122 8.4 17.4 26.2#

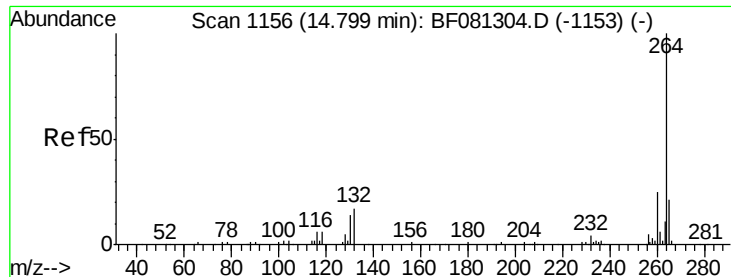


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

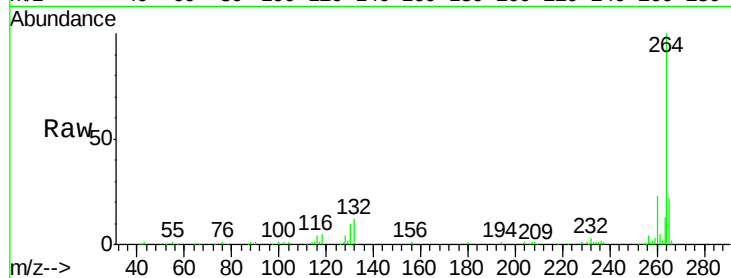




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081545.D
Acq: 9 Sep 2015 4:41

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-4A

Tgt Ion: 264 Resp: 101148
Ion Ratio Lower Upper
264 100
260 23.0 16.7 25.1
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

