

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087574.D
 Acq On : 31 May 2016 5:03
 Operator : UM/SJ
 Sample : H3316-04
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: May 31 06:42:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

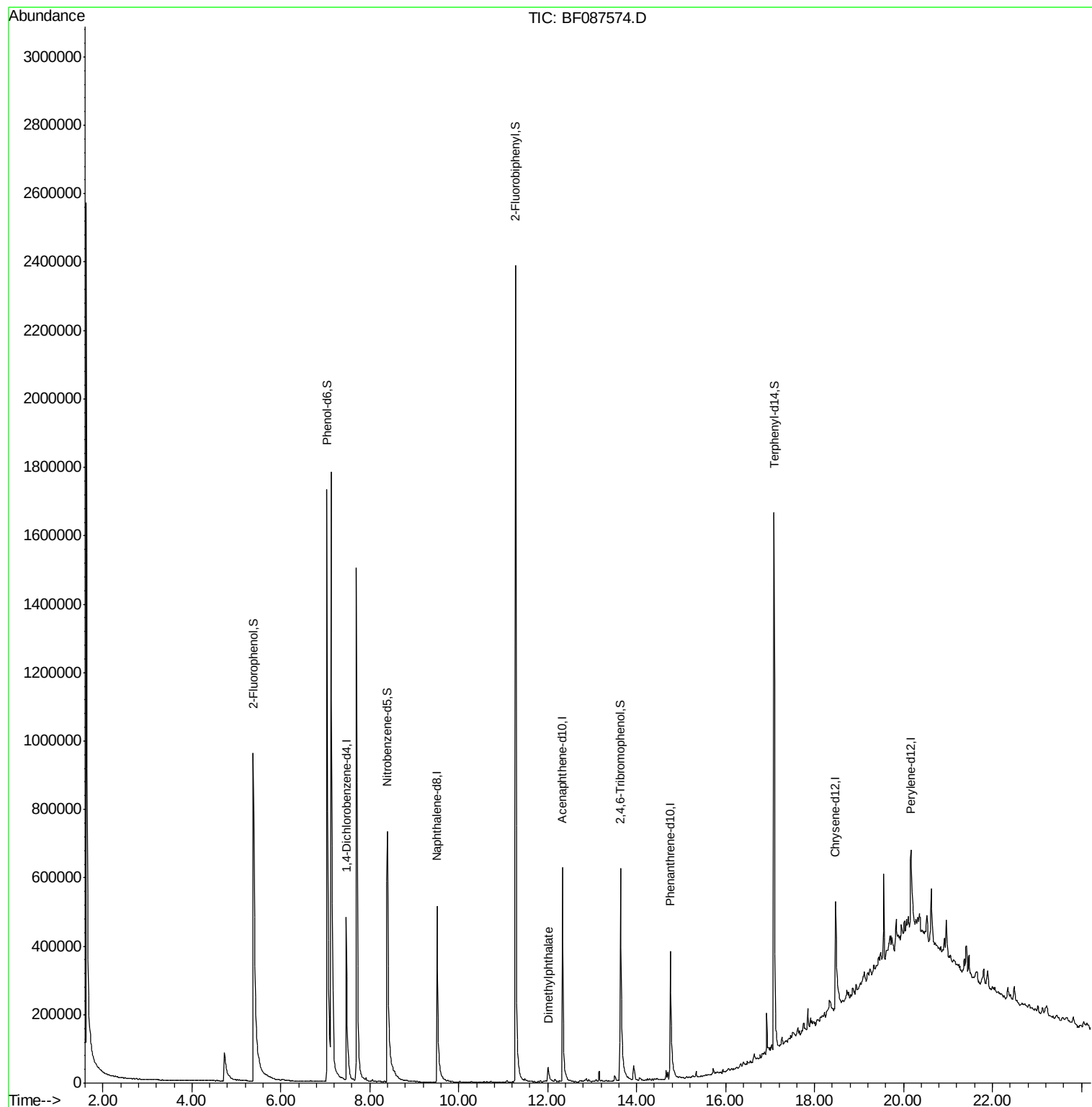
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	124165	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	479257	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	203553	20.00	ng	-0.06
63) Phenanthrene-d10	14.75	188	310041	20.00	ng	-0.02
75) Chrysene-d12	18.47	240	263827	20.00	ng	-0.01
86) Perylene-d12	20.16	264	200872	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	650235	92.02	ng	-0.03
7) Phenol-d6	7.04	99	868502	90.96	ng	-0.03
23) Nitrobenzene-d5	8.40	82	596664	62.75	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	134534	68.78	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	985464	68.25	ng	-0.06
78) Terphenyl-d14	17.09	244	674550	54.36	ng	-0.05
Target Compounds						
49) Dimethylphthalate	12.01	163	47551	2.92	ng	Qvalue 99

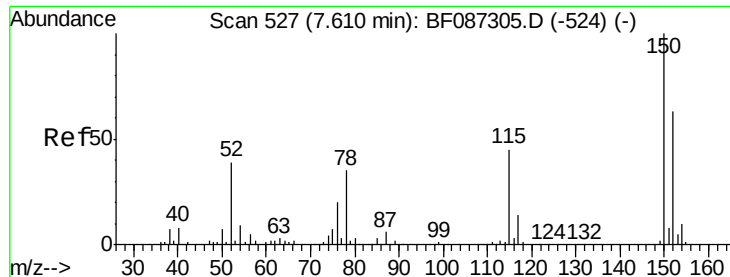
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

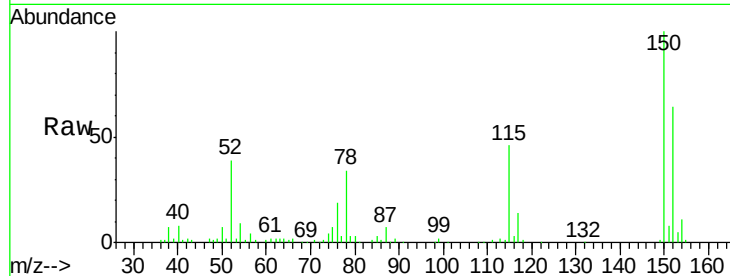
Tot Ion:152 Resp: 124165

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.6

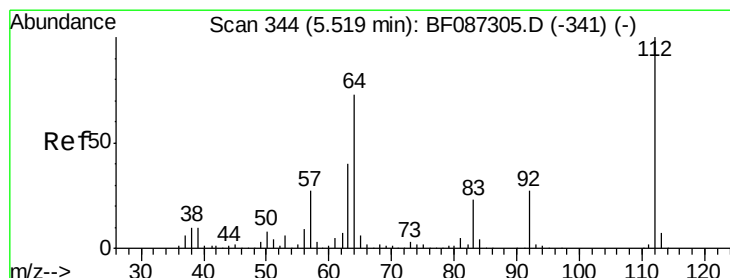
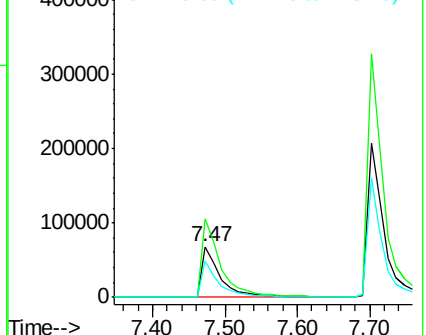
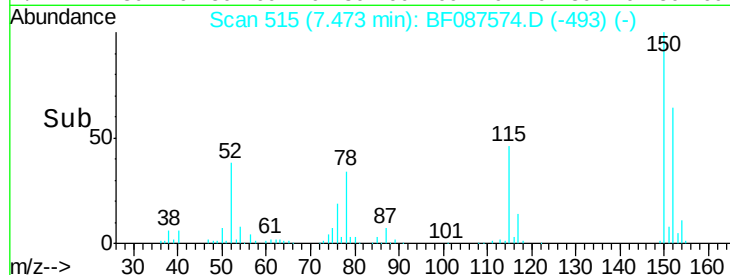
115 70.8 51.5 77.3



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: 92.02 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

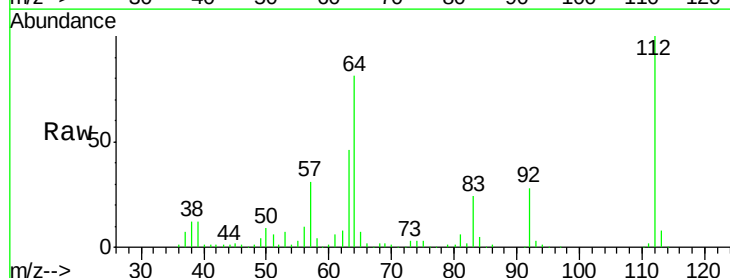
Tgt Ion:112 Resp: 650235

Ion Ratio Lower Upper

112 100

64 80.6 52.1 78.1#

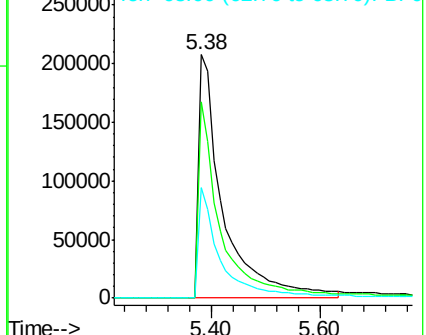
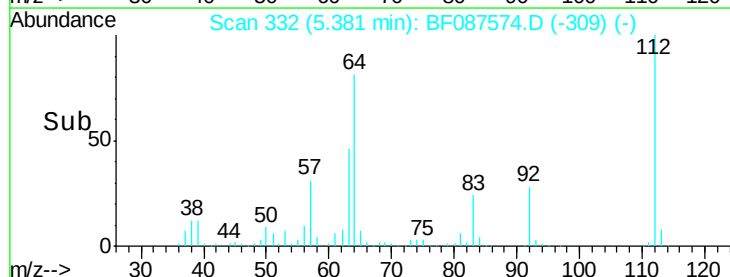
63 45.6 25.7 38.5#

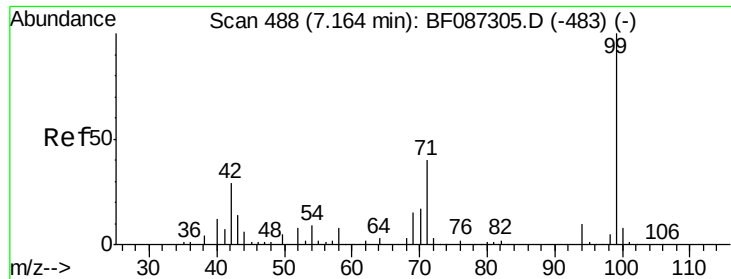


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.96 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

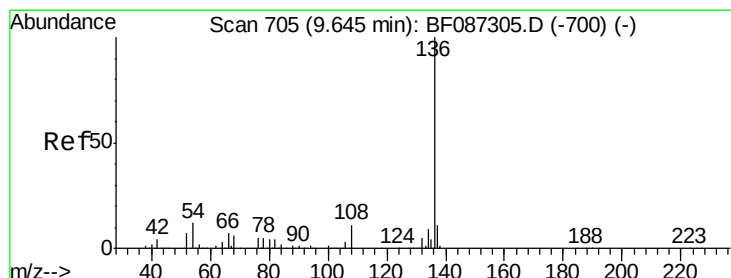
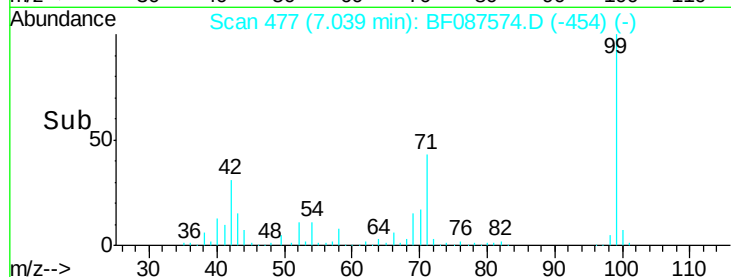
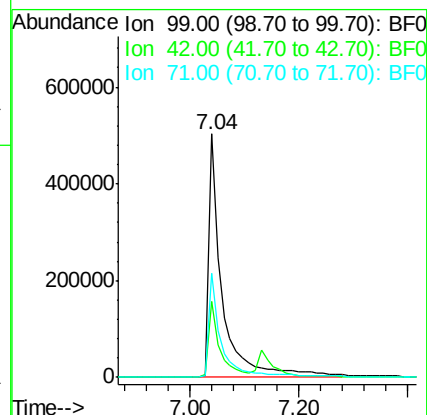
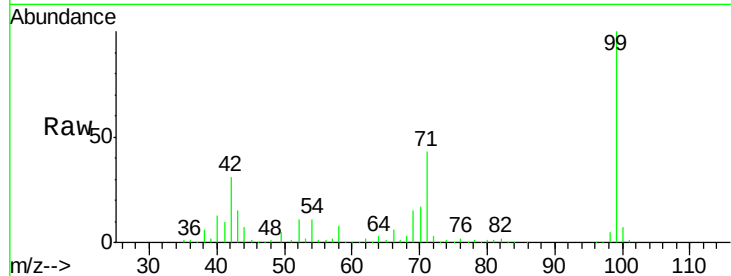
Tot Ion: 99 Resp: 868502

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

71 42.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Tgt Ion: 136 Resp: 479257

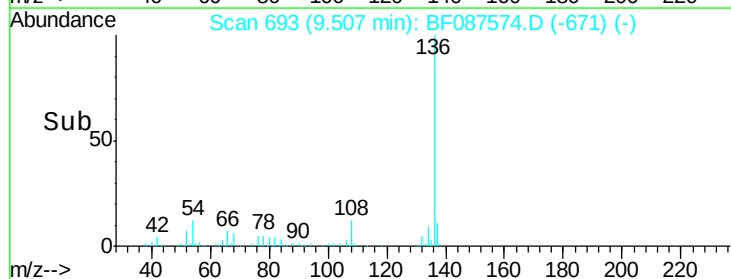
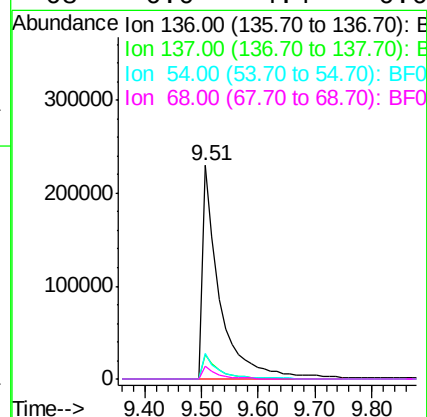
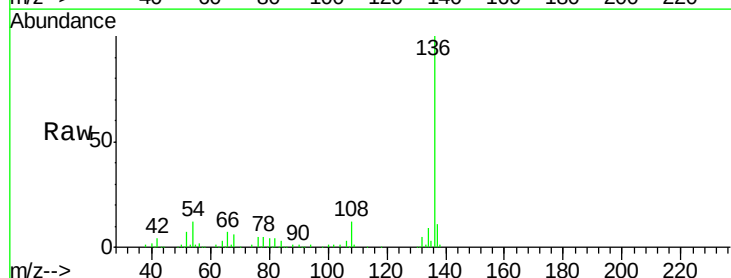
Ion Ratio Lower Upper

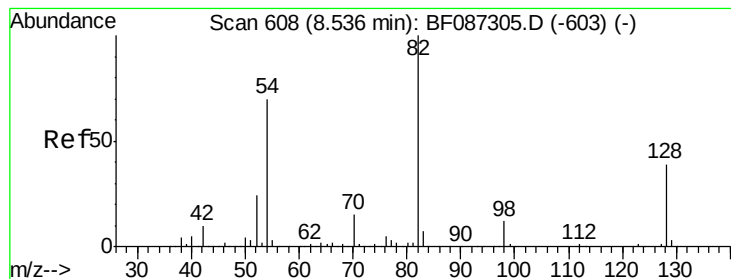
136 100

137 11.2 8.8 13.2

54 12.0 5.0 7.4#

68 6.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 62.75 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

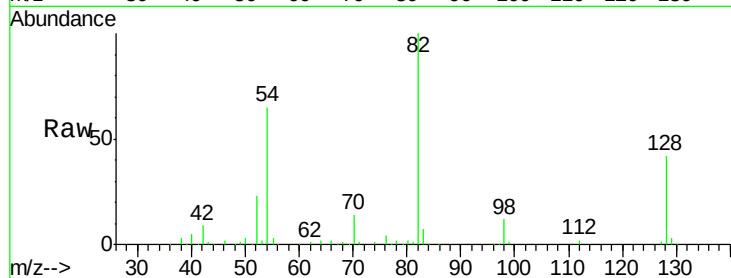
Tot Ion: 82 Resp: 596664

Ion Ratio Lower Upper

82 100

128 41.7 40.6 61.0

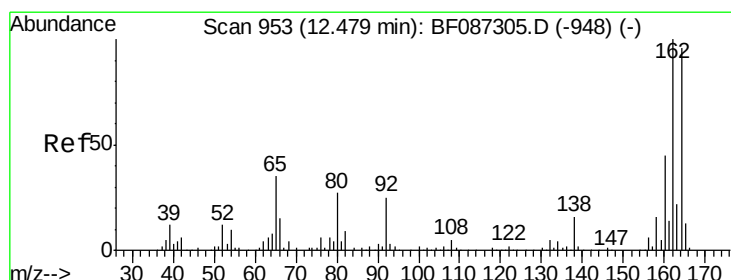
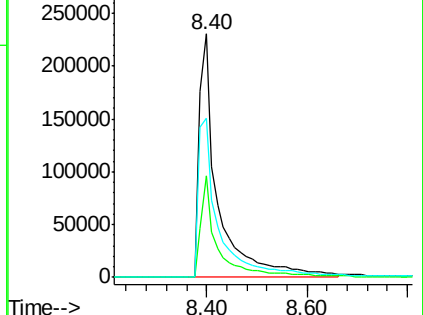
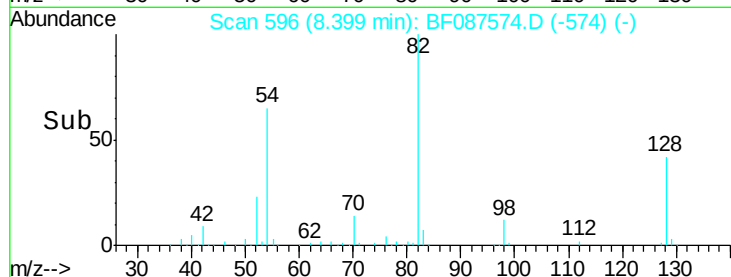
54 65.4 38.1 57.1#



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: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

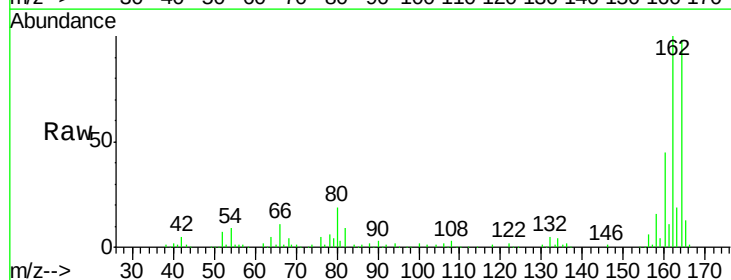
Tgt Ion: 164 Resp: 203553

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

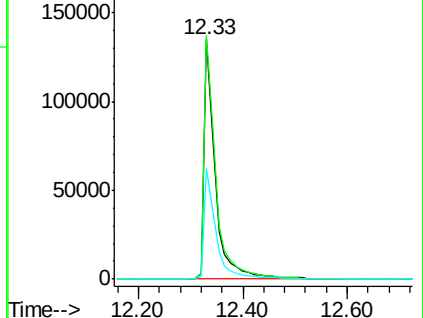
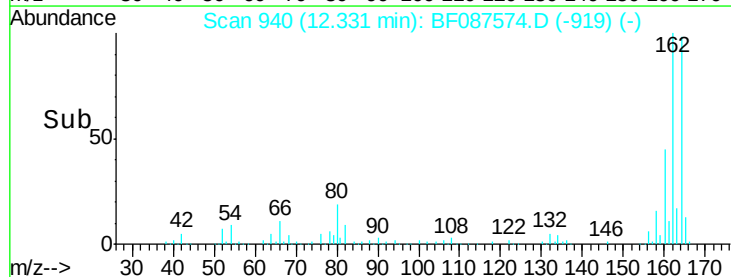
160 46.0 36.9 55.3

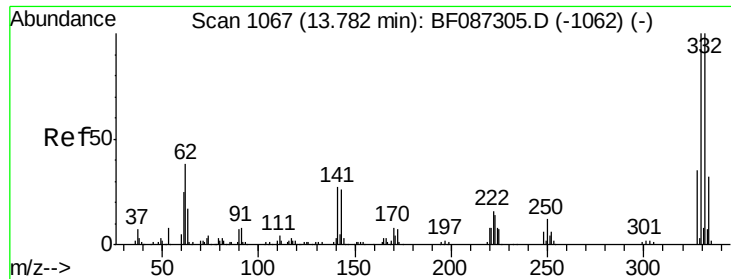


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 68.78 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

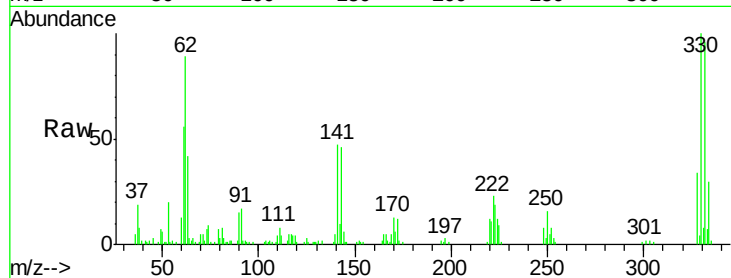
Tot Ion:330 Resp: 134534

Ion Ratio Lower Upper

330 100

332 97.7 79.0 118.4

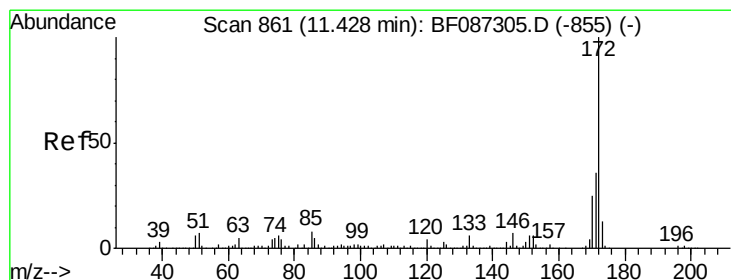
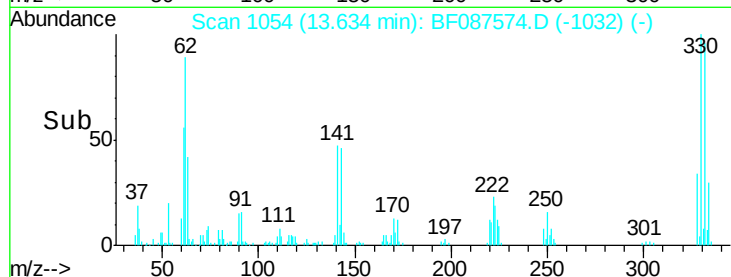
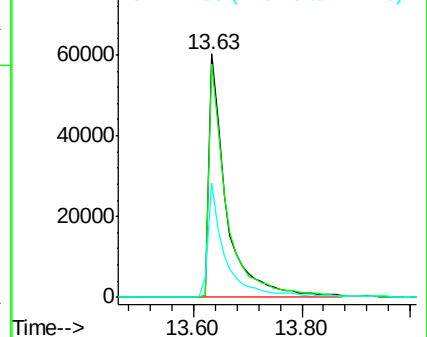
141 46.6 31.2 46.8



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: 68.25 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

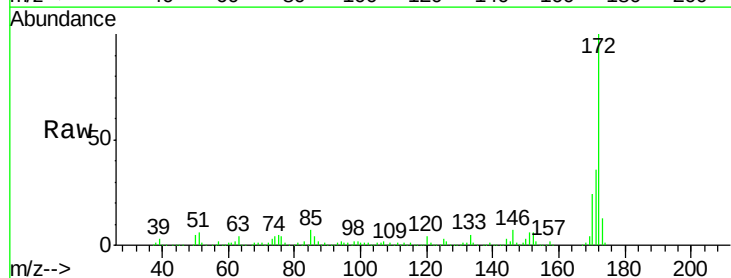
Tgt Ion:172 Resp: 985464

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

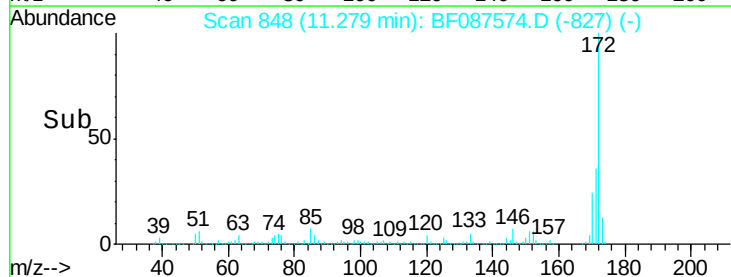
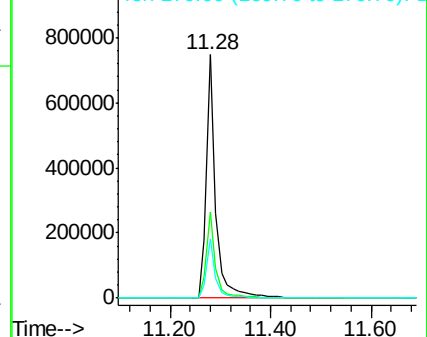
170 24.4 19.8 29.8

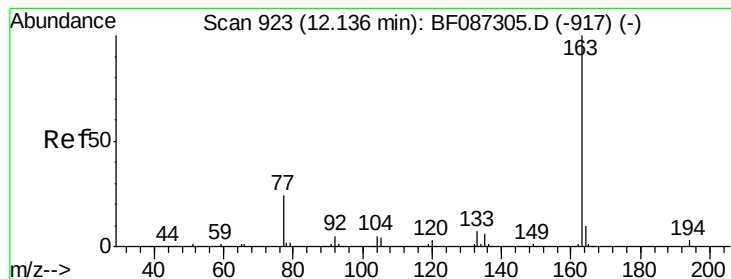


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.92 ng

RT: 12.01 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

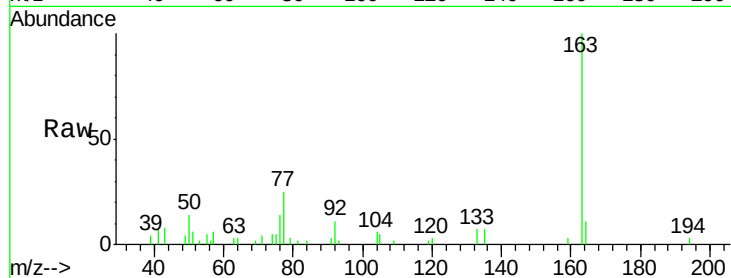
Tot Ion:163 Resp: 47551

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

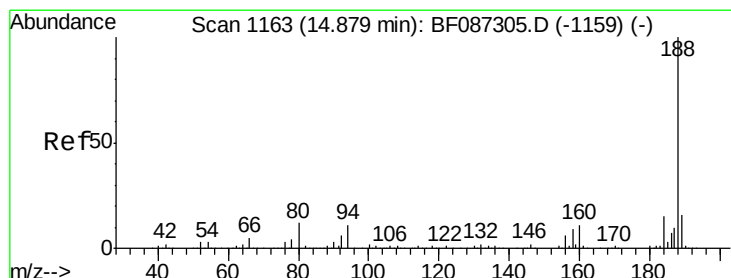
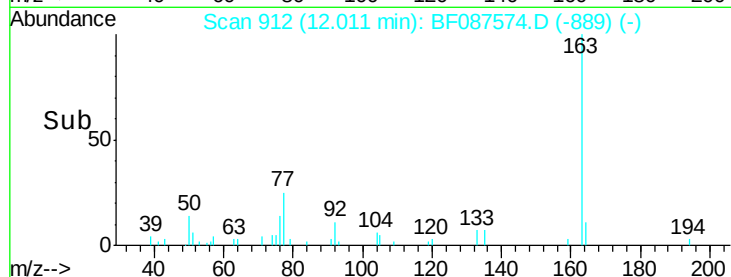
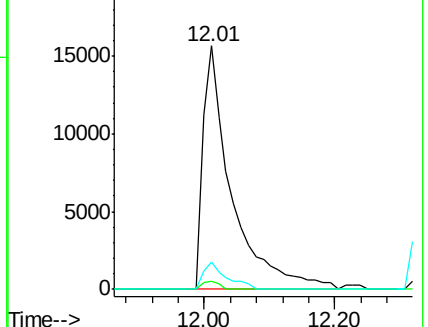
164 11.0 8.2 12.4



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: 14.75 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

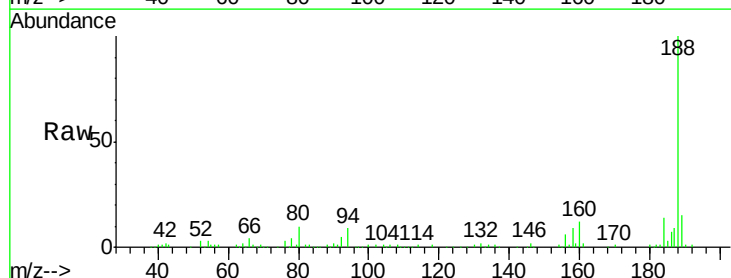
Tgt Ion:188 Resp: 310041

Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

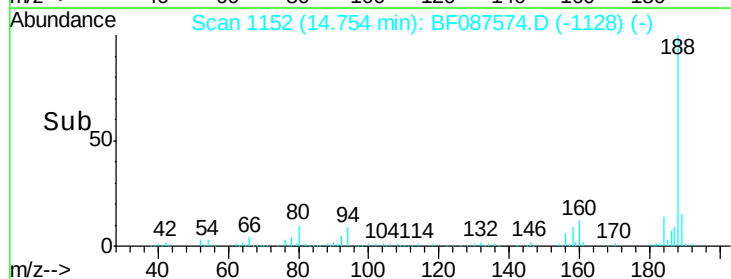
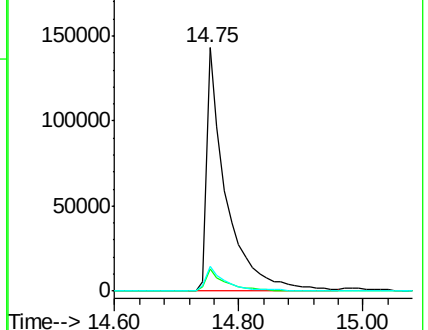
80 10.4 7.1 10.7

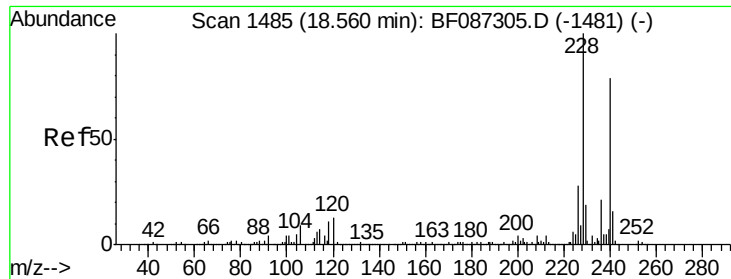


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

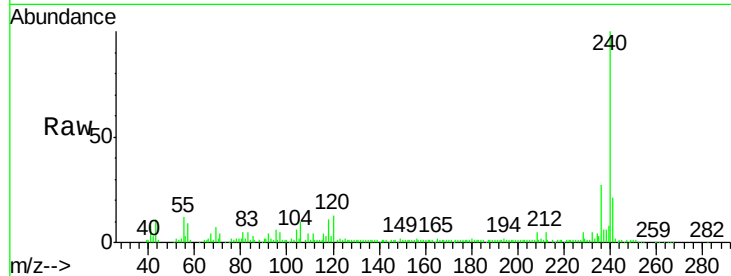
Tot Ion:240 Resp: 263827

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

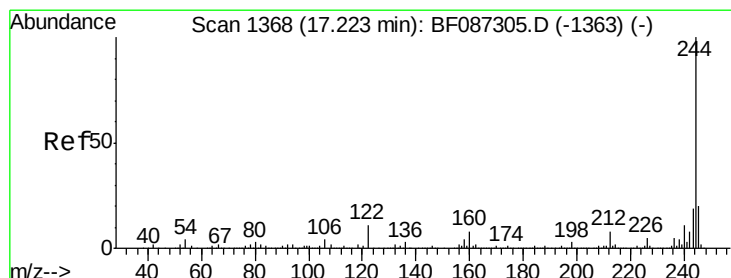
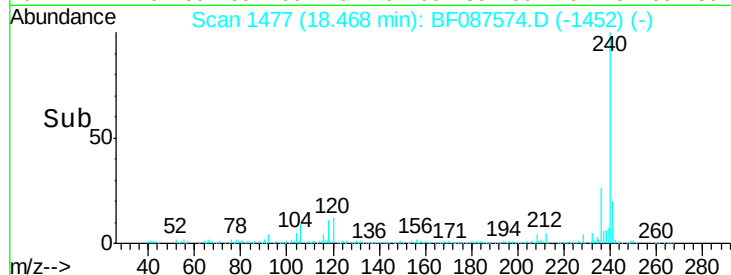
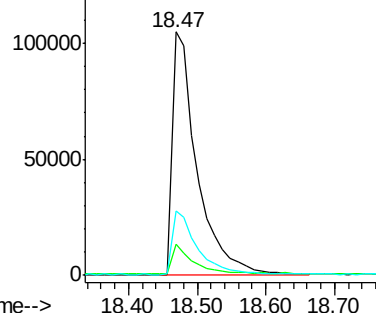
236 26.7 21.2 31.8



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: 54.36 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087574.D

Acq: 31 May 2016 5:03

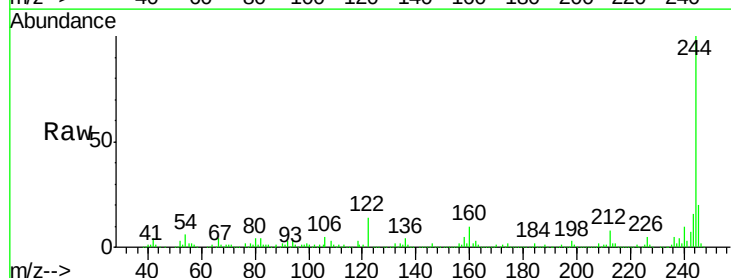
Tgt Ion:244 Resp: 674550

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

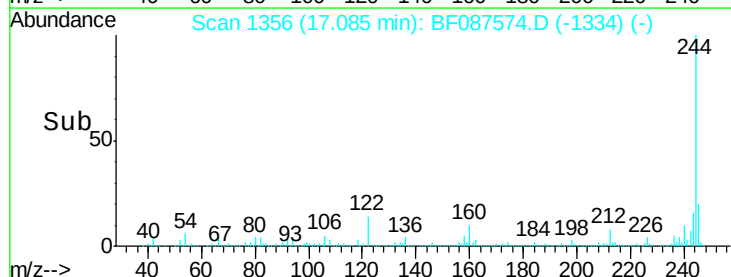
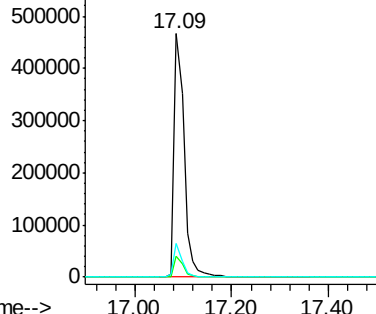
122 14.0 12.0 18.0

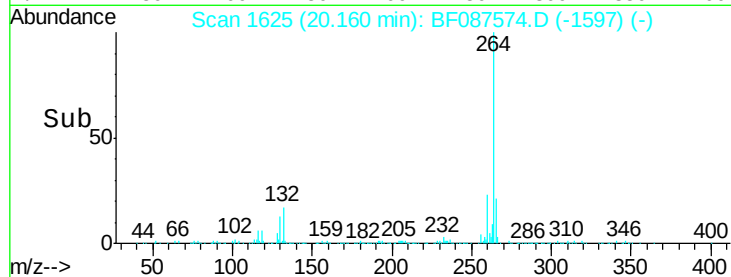
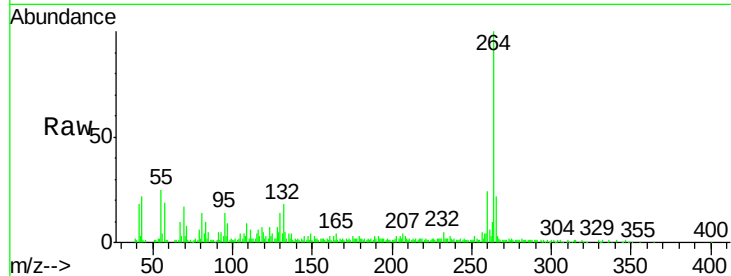
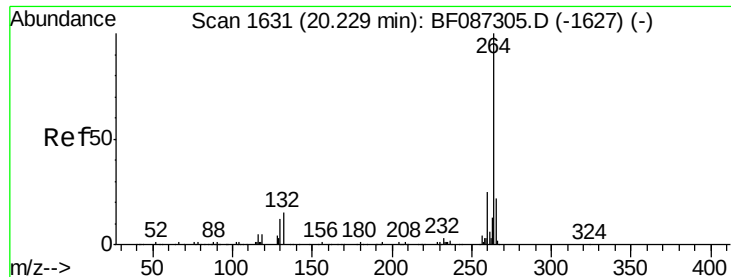


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.16 min Scan# 1625
 Delta R.T. 0.02 min
 Lab File: BF087574.D
 Acq: 31 May 2016 5:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tot Ion:	264	Resp:	200872
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.3	25.9

