

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086449.D
 Acq On : 28 Apr 2016 3:20
 Operator : UM/SJ
 Sample : H2654-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-8(0-6FTBGS)

Quant Time: Apr 28 07:37:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

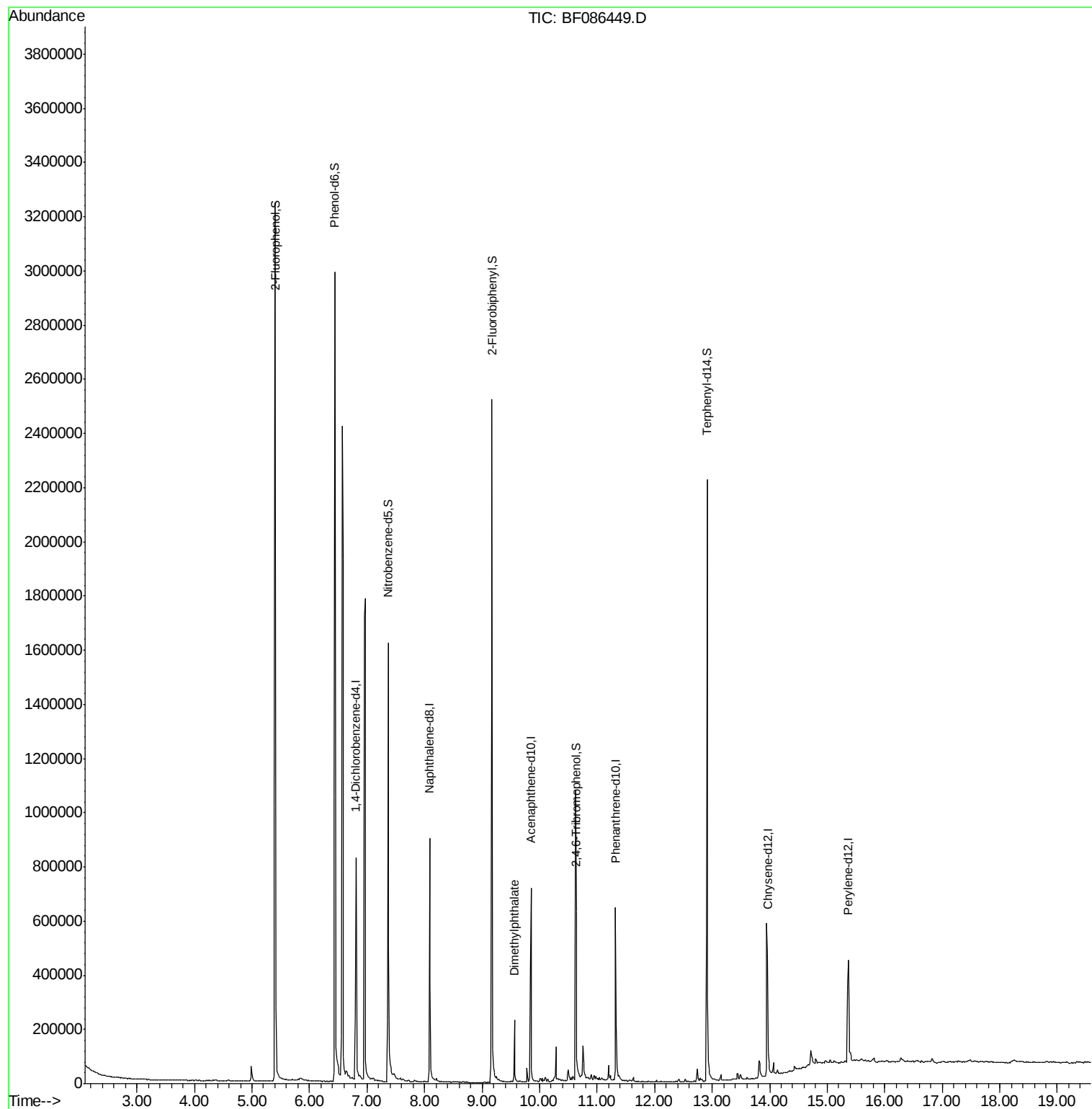
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128348	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	468727	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	173832	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	281603	20.00	ng	0.00
75) Chrysene-d12	13.96	240	306638	20.00	ng	0.00
86) Perylene-d12	15.37	264	224350	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	819449	110.13	ng	0.01
7) Phenol-d6	6.44	99	1045727	100.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	605552	69.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	160882	87.76	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1019959	108.68	ng	0.00
78) Terphenyl-d14	12.91	244	716204	51.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	85765	6.55	ng	Qvalue 99

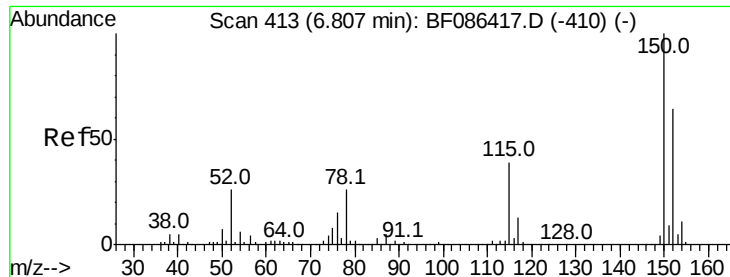
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

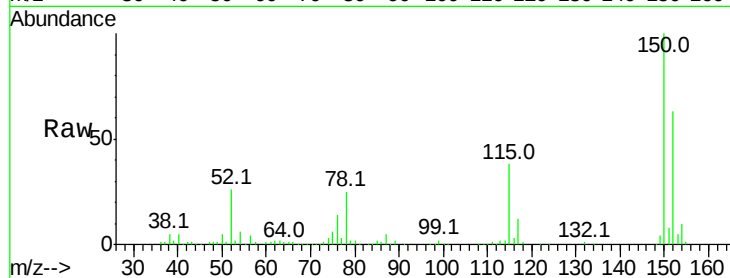
Tot Ion:152 Resp: 128348

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

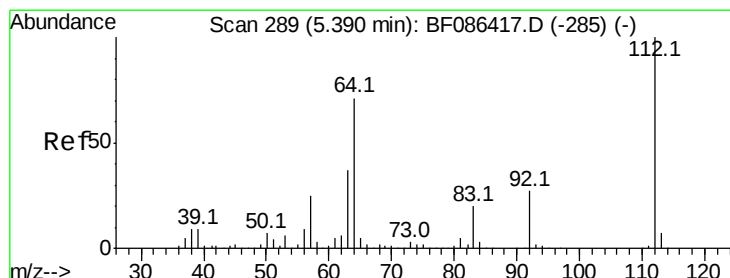
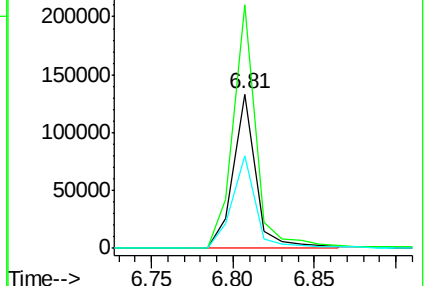
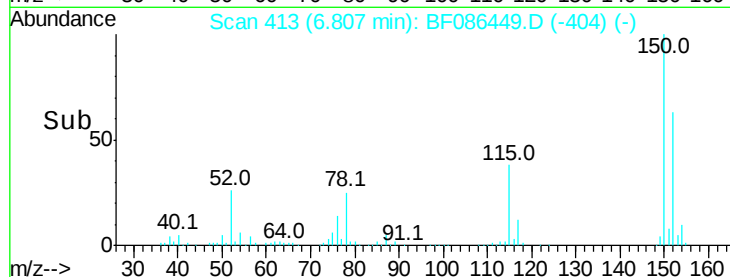
115 59.5 51.5 77.3



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: 110.13 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

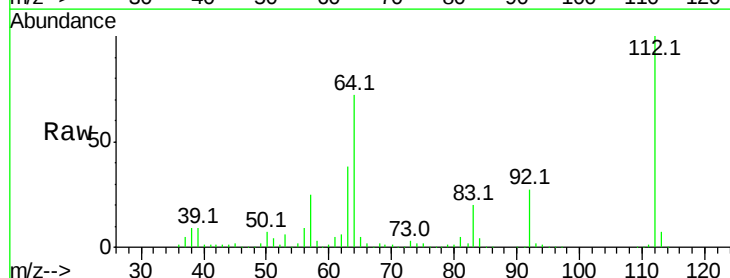
Tgt Ion:112 Resp: 819449

Ion Ratio Lower Upper

112 100

64 71.7 52.1 78.1

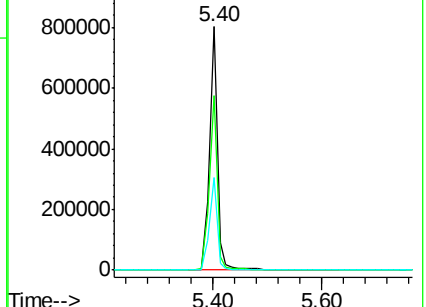
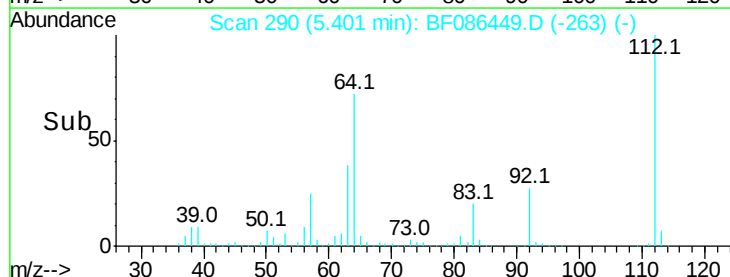
63 37.8 25.7 38.5



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: 100.69 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

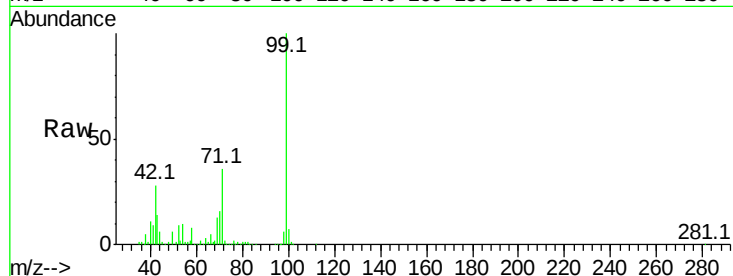
Tot Ion: 99 Resp: 1045727

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

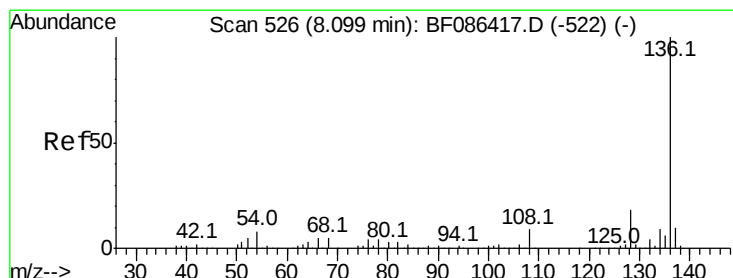
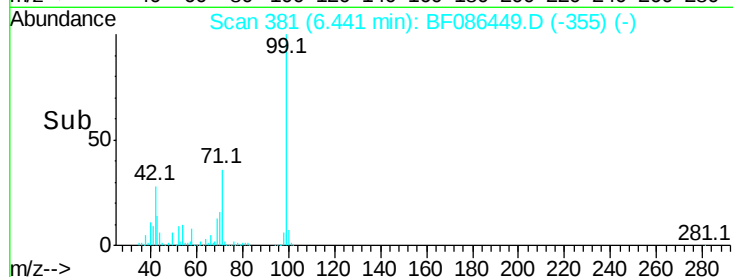
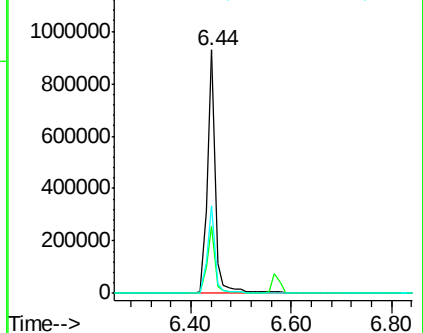
71 36.1 24.6 36.8



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: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Tgt Ion: 136 Resp: 468727

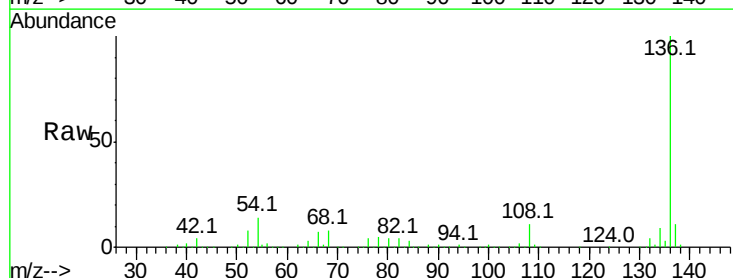
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.1 5.0 7.4#

68 8.3 4.4 6.6#

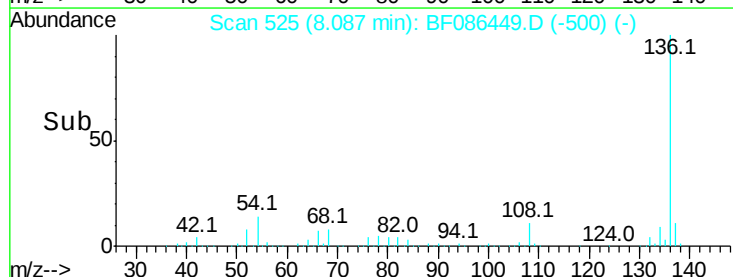
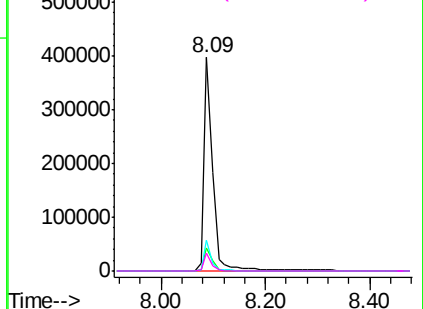


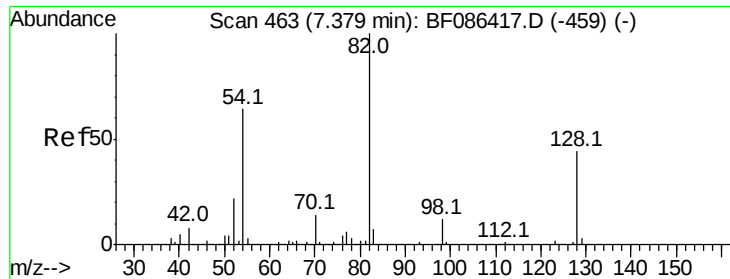
Abundance Ion 136.00 (135.70 to 136.70): E

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

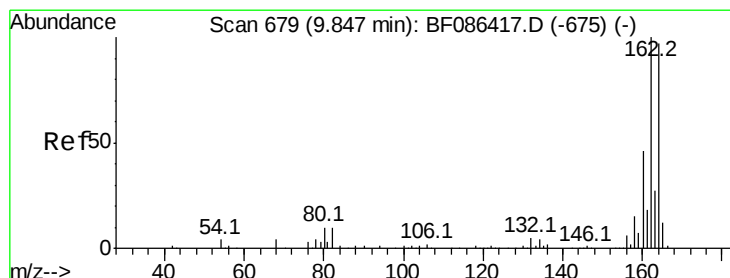
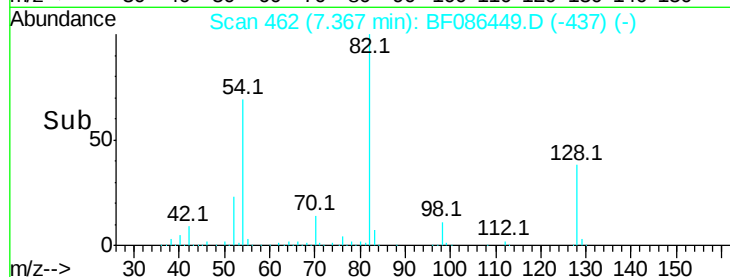
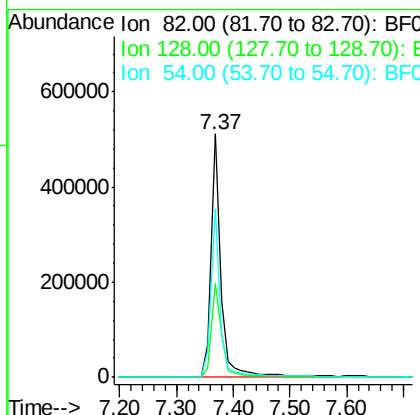
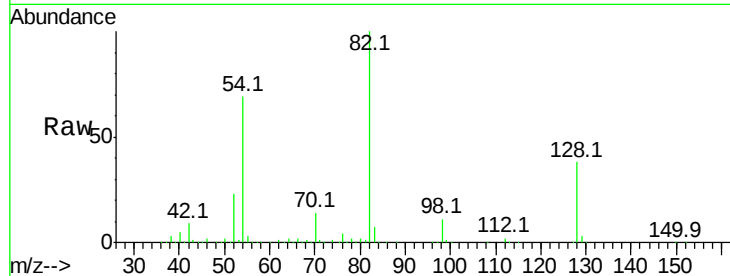




#23
Nitrobenzene-d5
Concen: 69.64 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086449.D
Acq: 28 Apr 2016 3:20

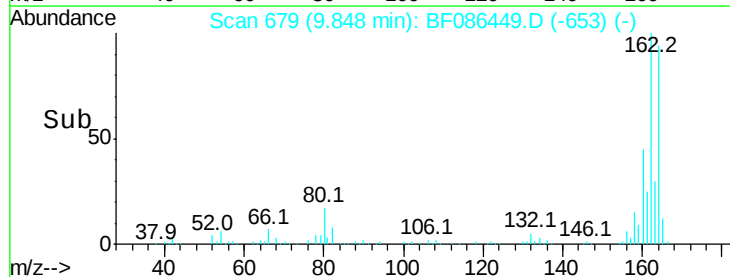
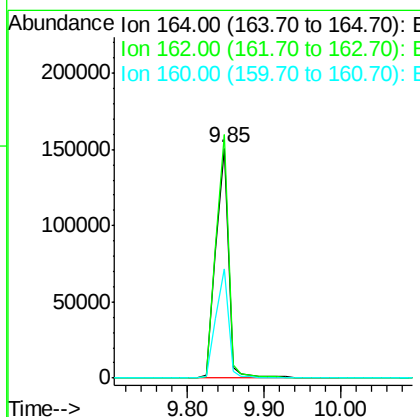
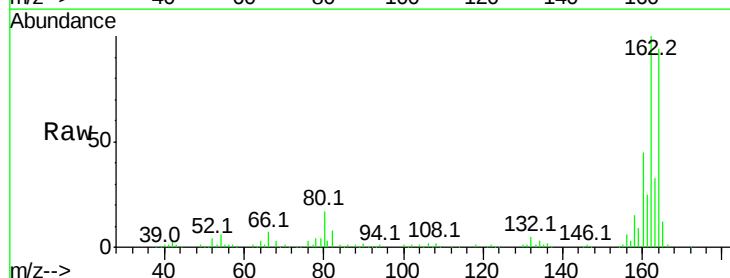
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-8(0-6FTBGS)

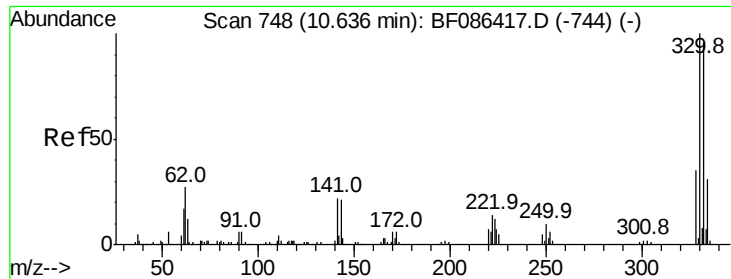
Tot Ion: 82 Resp: 605552
Ion Ratio Lower Upper
82 100
128 38.5 40.6 61.0#
54 68.9 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086449.D
Acq: 28 Apr 2016 3:20

Tgt Ion:164 Resp: 173832
Ion Ratio Lower Upper
164 100
162 106.1 82.8 124.2
160 47.6 36.9 55.3

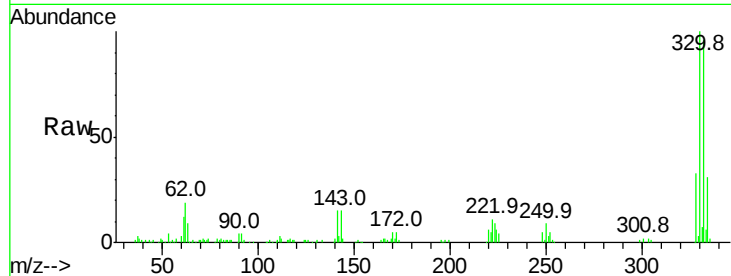




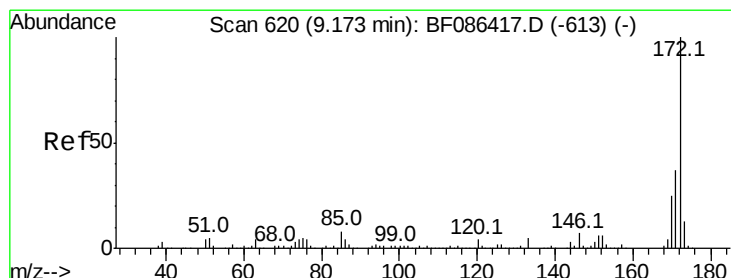
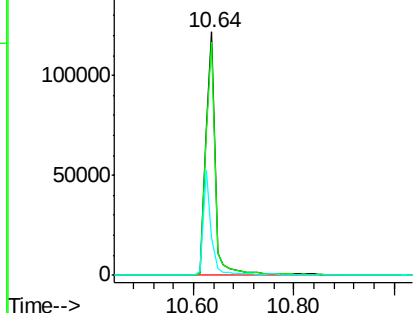
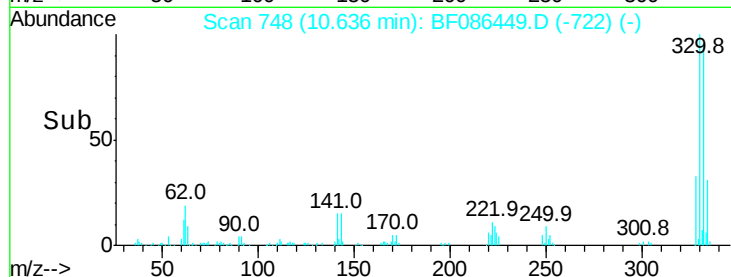
#41
 2,4,6-Tribromophenol
 Concen: 87.76 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086449.D
 Acq: 28 Apr 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-8(0-6FTBGS)

Tot Ion:330 Resp: 160882
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 35.3 31.2 46.8

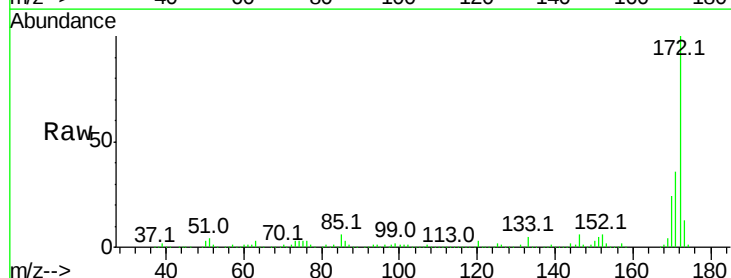


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

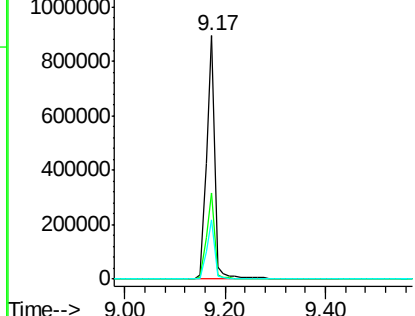
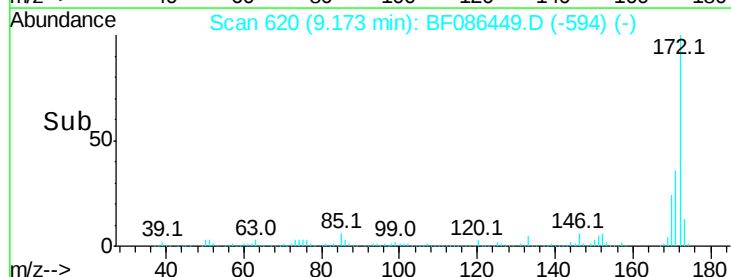


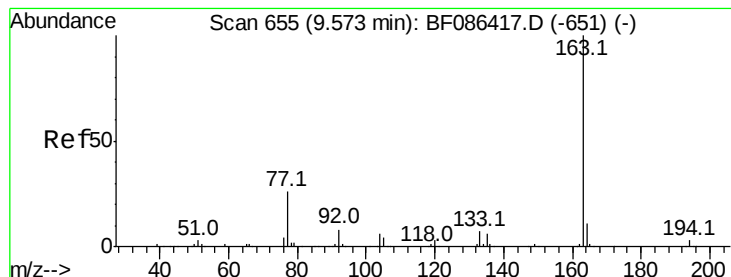
#44
 2-Fluorobiphenyl
 Concen: 108.68 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086449.D
 Acq: 28 Apr 2016 3:20

Tgt Ion:172 Resp: 1019959
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 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: 6.55 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

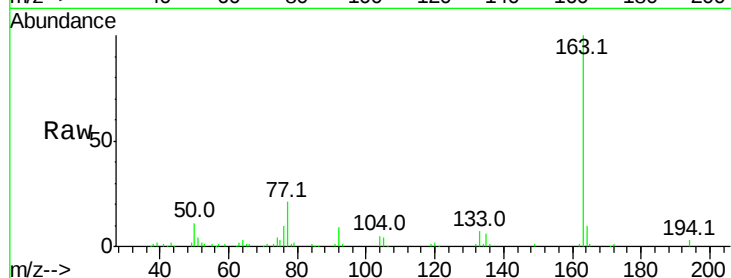
Tot Ion:163 Resp: 85765

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

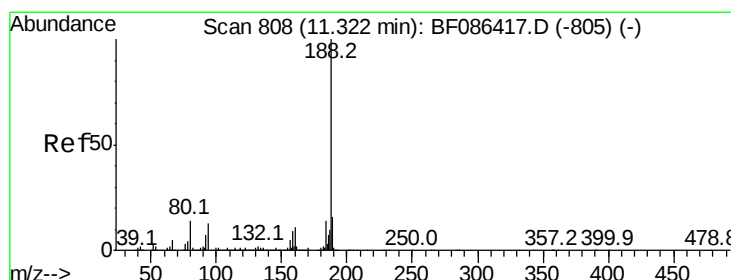
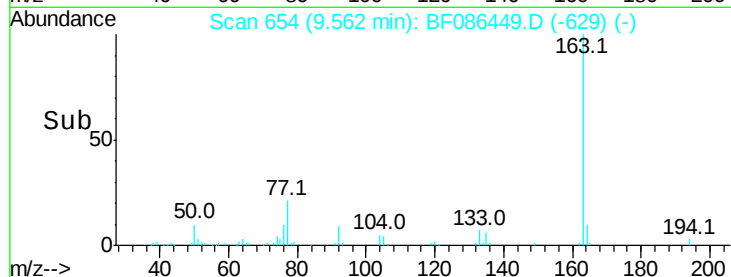
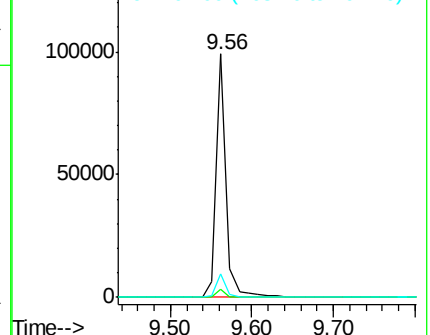
164 9.8 8.2 12.4



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: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

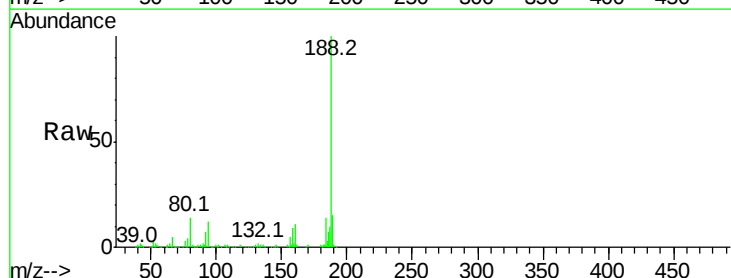
Tgt Ion:188 Resp: 281603

Ion Ratio Lower Upper

188 100

94 12.2 6.8 10.2#

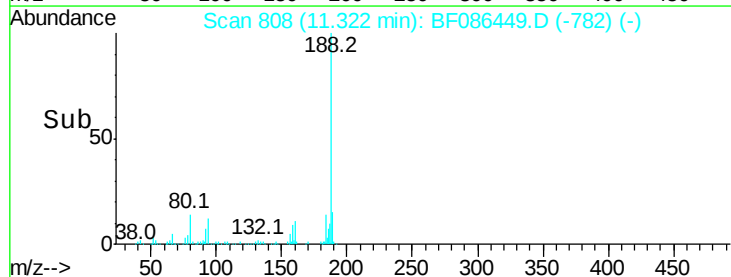
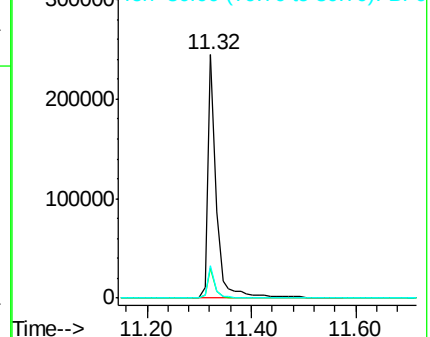
80 13.5 7.1 10.7#

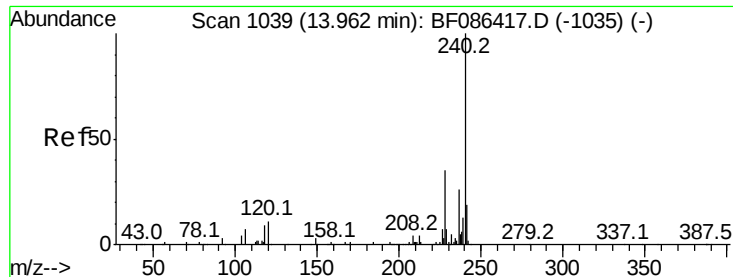


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-8(0-6FTBGS)

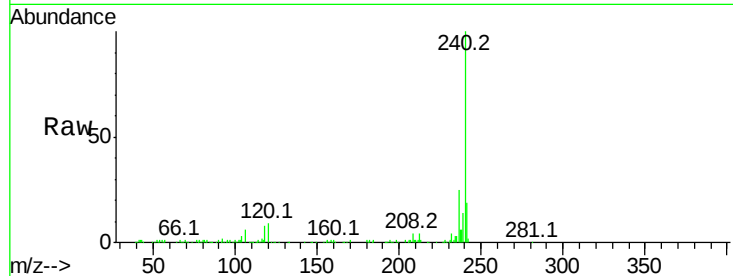
Tot Ion:240 Resp: 306638

Ion Ratio Lower Upper

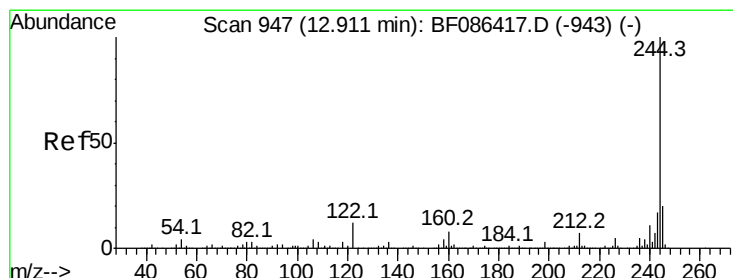
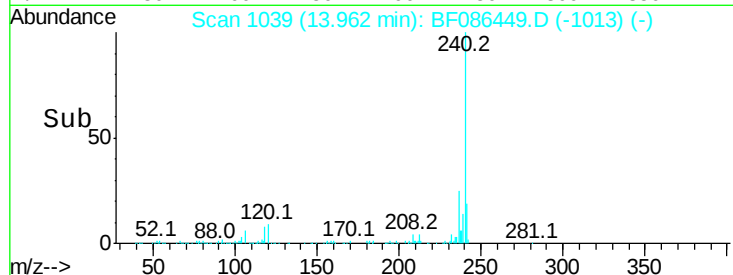
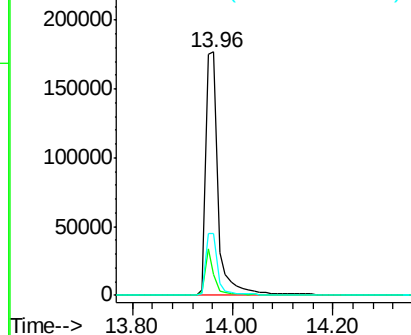
240 100

120 8.8 11.2 16.8#

236 25.5 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: 51.46 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086449.D

Acq: 28 Apr 2016 3:20

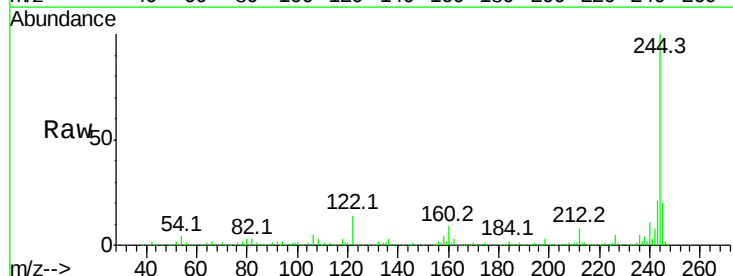
Tgt Ion:244 Resp: 716204

Ion Ratio Lower Upper

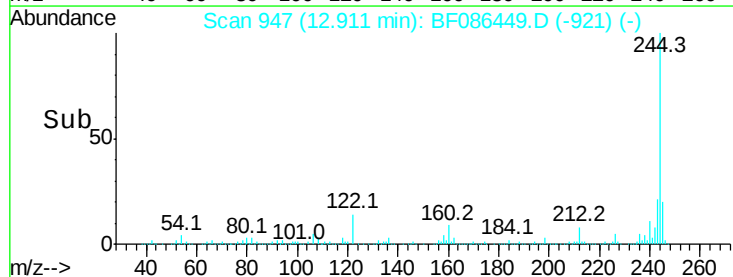
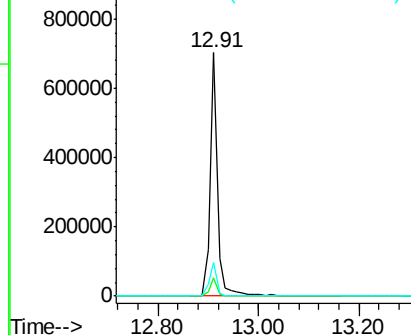
244 100

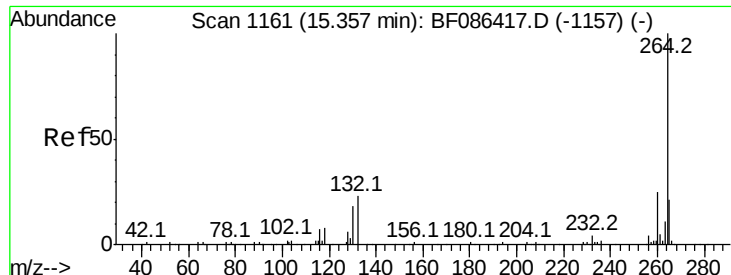
212 7.5 6.2 9.2

122 13.8 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

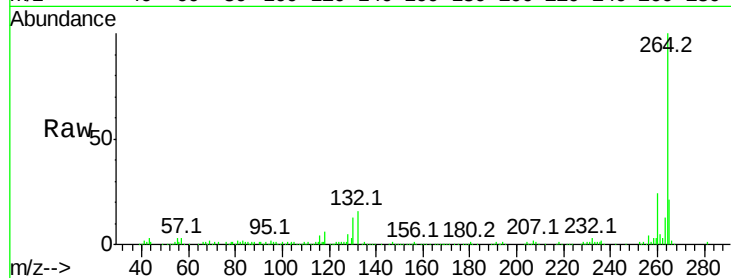




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086449.D
Acq: 28 Apr 2016 3:20

Instrument :
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26WARD-2A-CS-8(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.9	17.3	25.9



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

