

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086435.D
 Acq On : 27 Apr 2016 20:34
 Operator : UM/SJ
 Sample : H2724-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

Quant Time: Apr 28 01:40:27 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

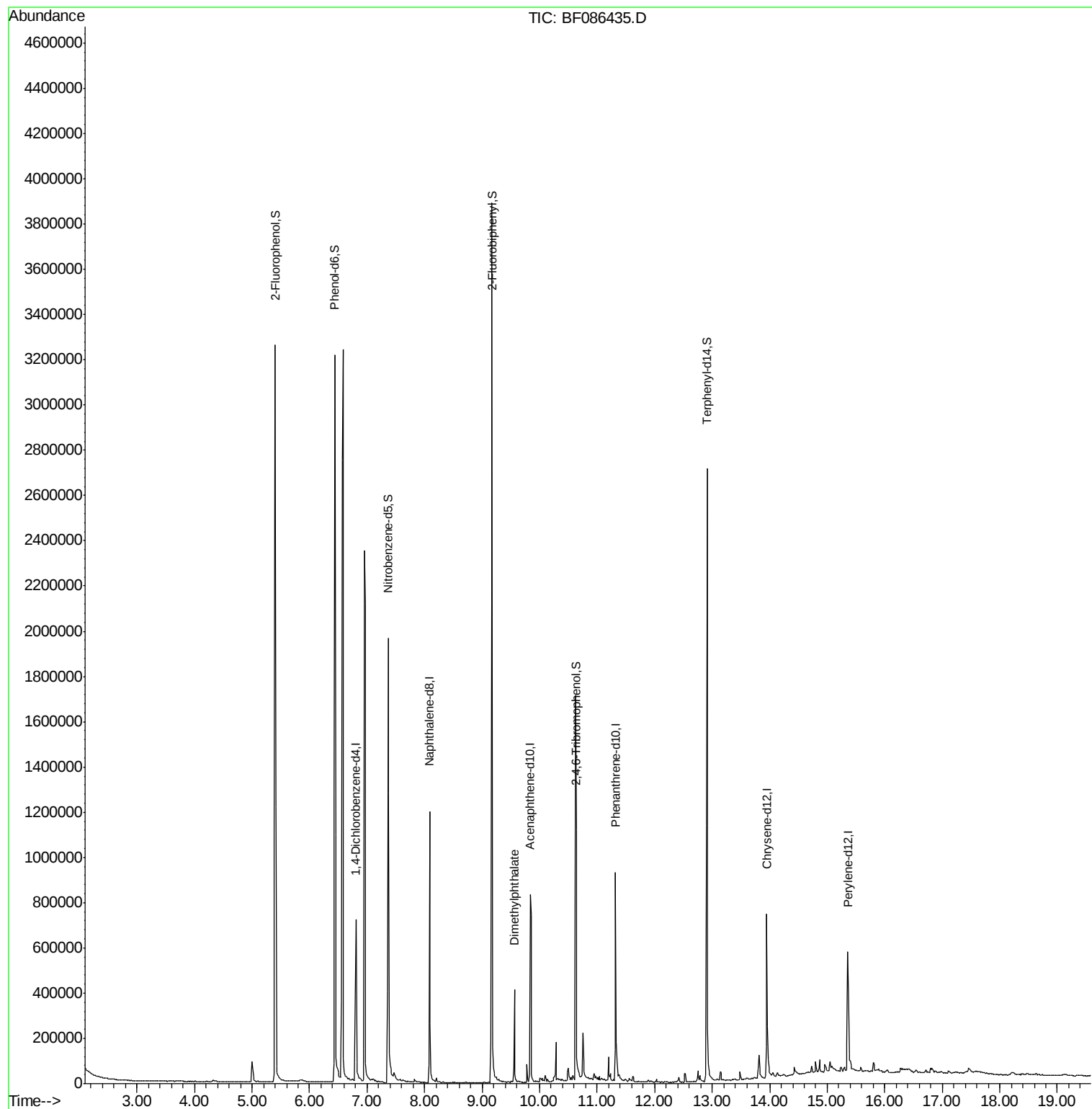
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131619	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	527480	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	235129	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	368471	20.00	ng	0.00
75) Chrysene-d12	13.95	240	286076	20.00	ng	-0.01
86) Perylene-d12	15.36	264	278420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1057606	138.60	ng	0.01
7) Phenol-d6	6.44	99	1376811	129.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	907934	92.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	291272	117.47	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1460806	117.35	ng	0.00
78) Terphenyl-d14	12.91	244	951102	73.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	155475	8.78	ng	99

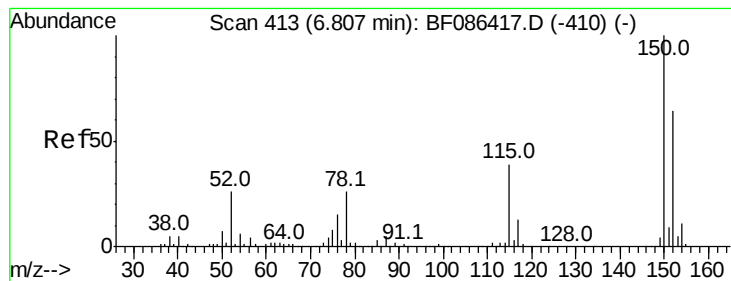
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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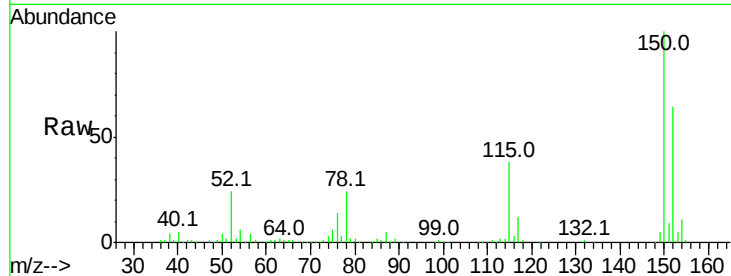


#1

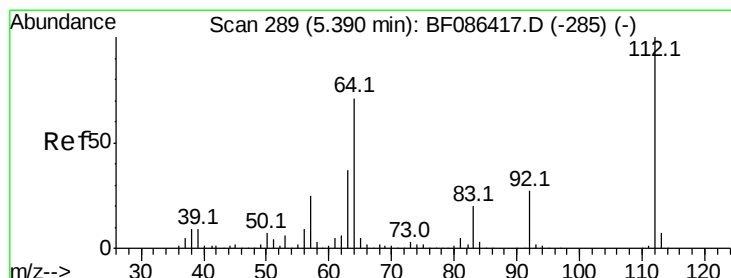
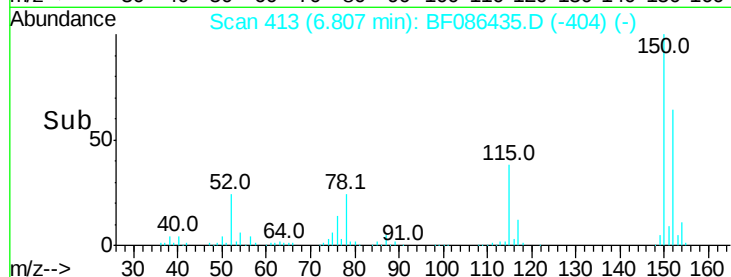
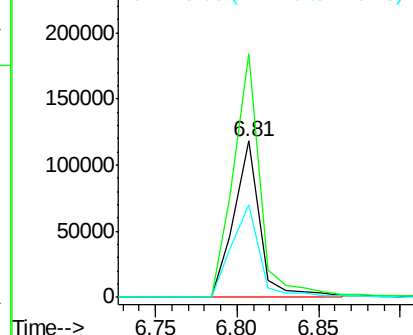
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
TH-B3(0-5)-C

Tot Ion:152 Resp: 131619
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 59.0 51.5 77.3



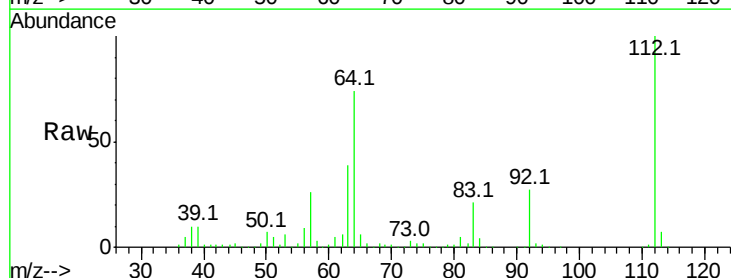
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



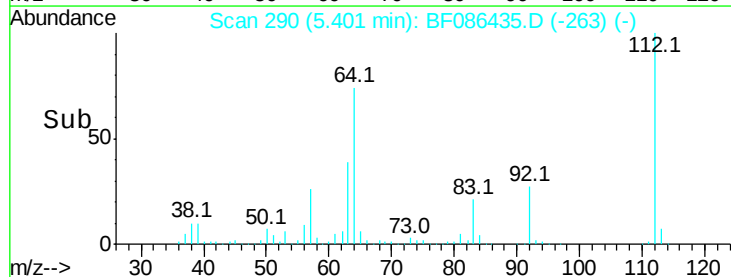
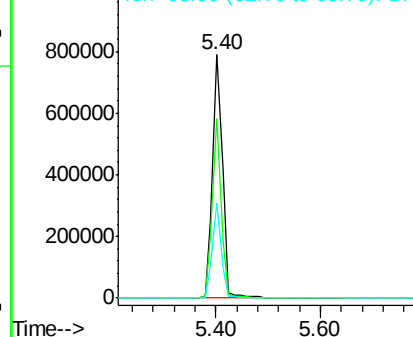
#5

2-Fluorophenol
Concen: 138.60 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

Tgt Ion:112 Resp: 1057606
Ion Ratio Lower Upper
112 100
64 73.7 52.1 78.1
63 39.0 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: 129.28 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

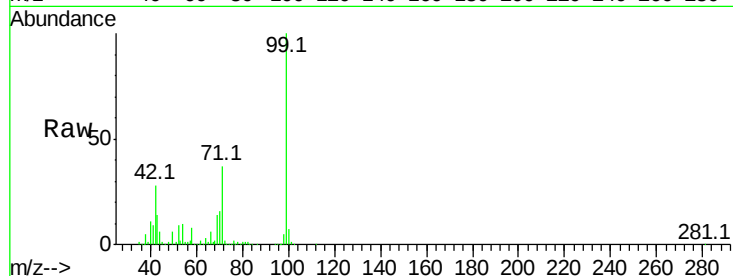
Tot Ion: 99 Resp: 1376811

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

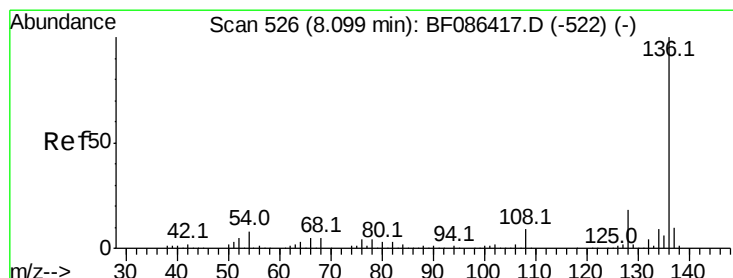
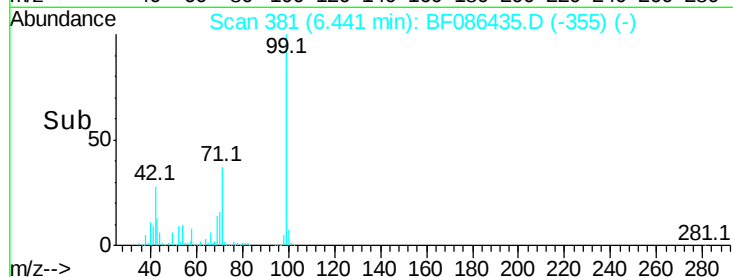
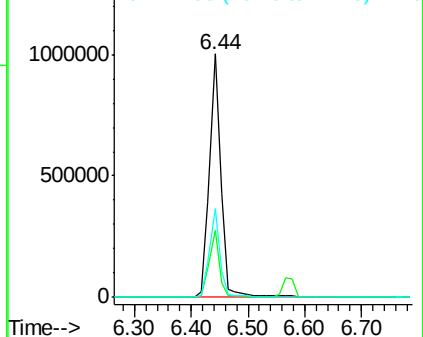
71 36.6 24.6 36.8



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: BF086435.D

Acq: 27 Apr 2016 20:34

Tgt Ion: 136 Resp: 527480

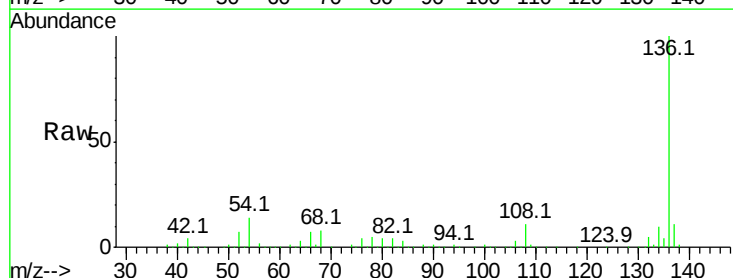
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.6 5.0 7.4#

68 8.1 4.4 6.6#

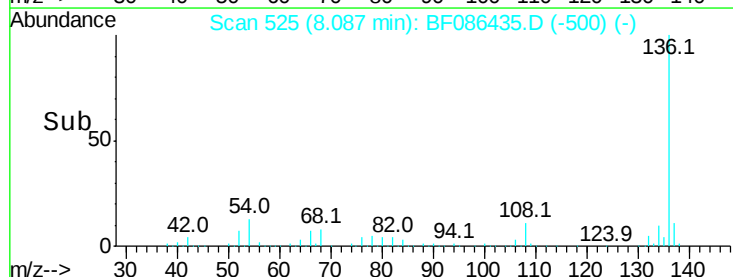
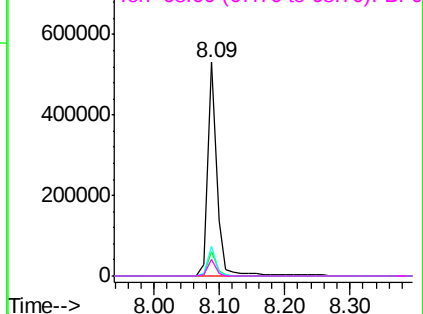


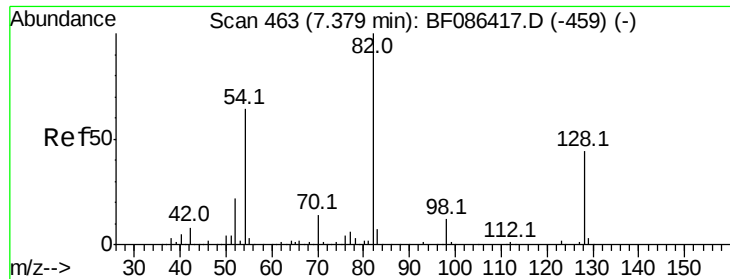
Abundance Ion 136.00 (135.70 to 136.70): E

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

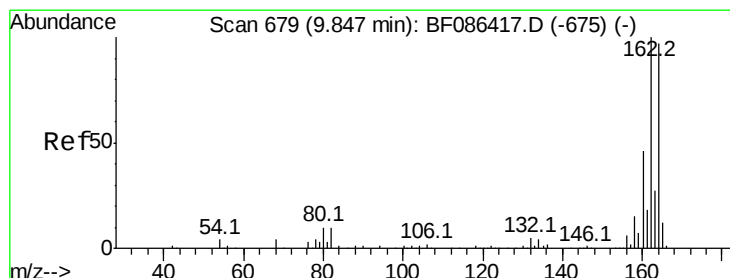
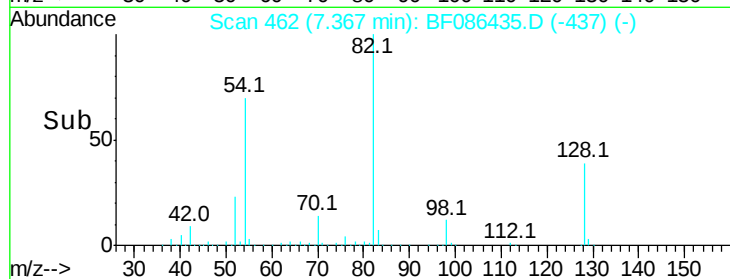
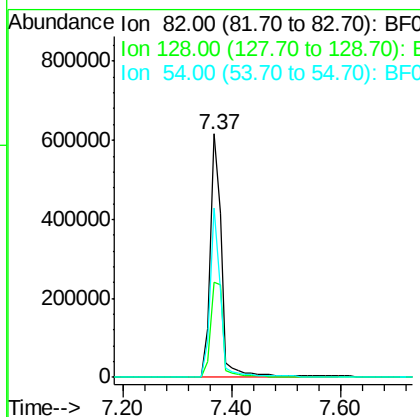
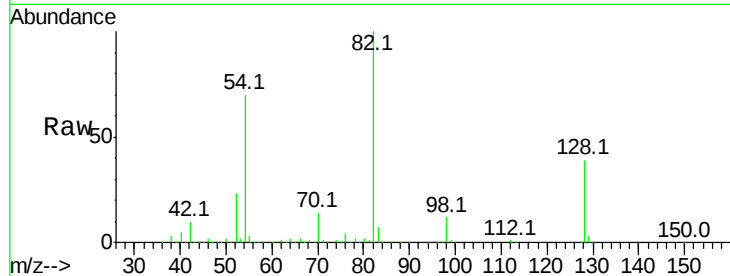




#23
Nitrobenzene-d5
Concen: 92.78 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

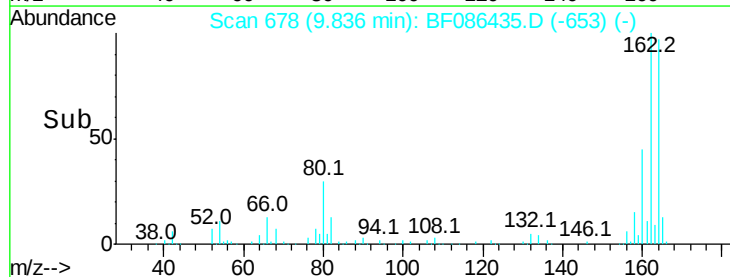
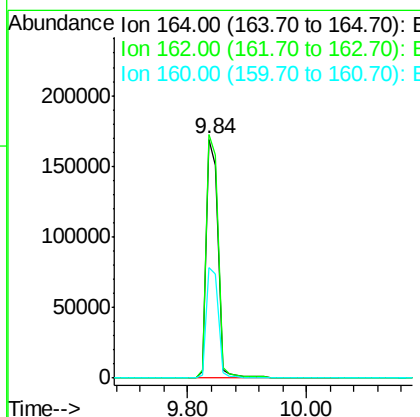
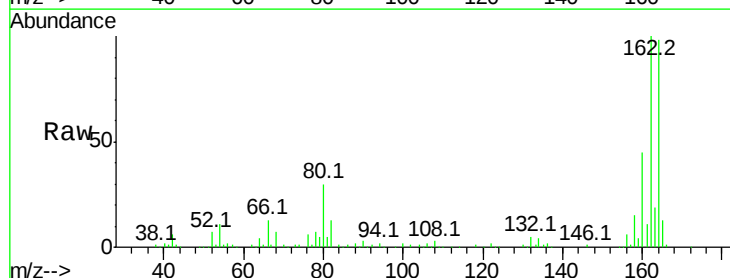
Instrument :
BNA_F
ClientSampleId :
TH-B3(0-5)-C

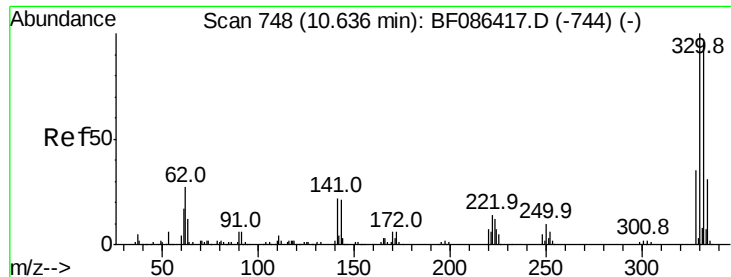
Tot Ion: 82 Resp: 907934
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 69.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

Tgt Ion:164 Resp: 235129
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 46.1 36.9 55.3

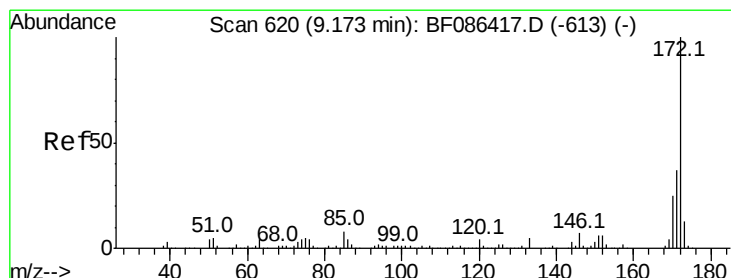
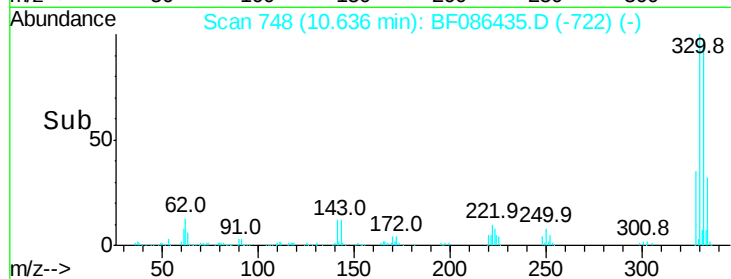
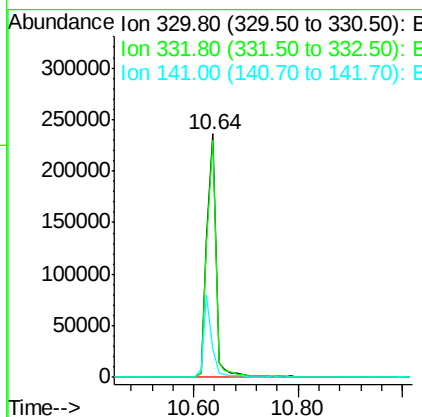
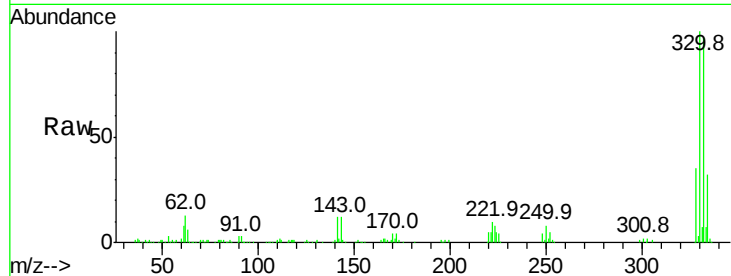




#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

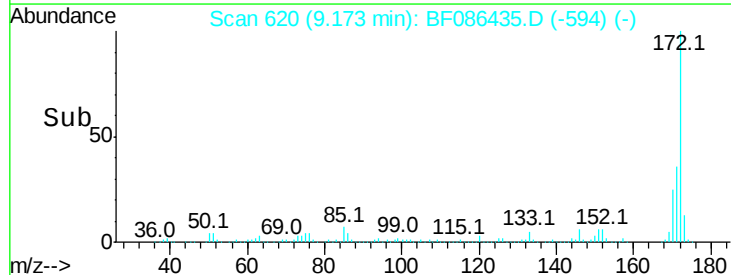
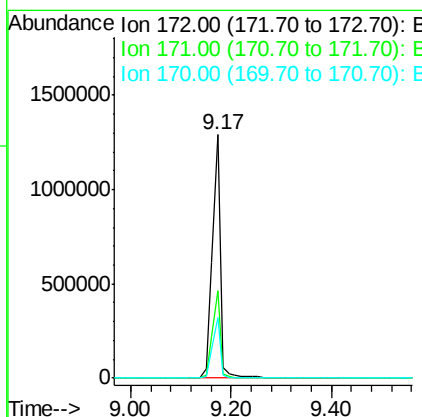
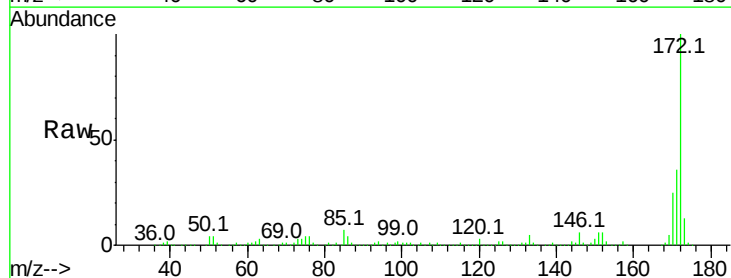
Instrument :
 BNA_F
 ClientSampleId :
 TH-B3(0-5)-C

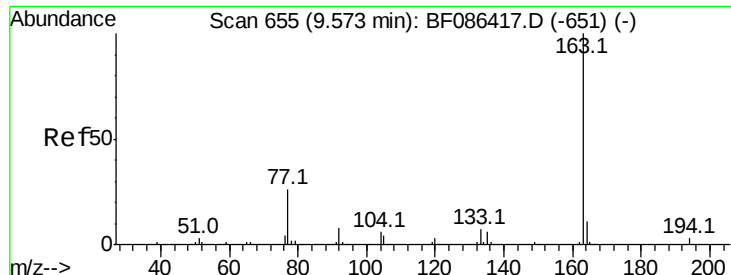
Tot Ion:330 Resp: 291272
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 30.3 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 117.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086435.D
 Acq: 27 Apr 2016 20:34

Tgt Ion:172 Resp: 1460806
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.9 19.8 29.8





#49

Dimethylphthalate

Concen: 8.78 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

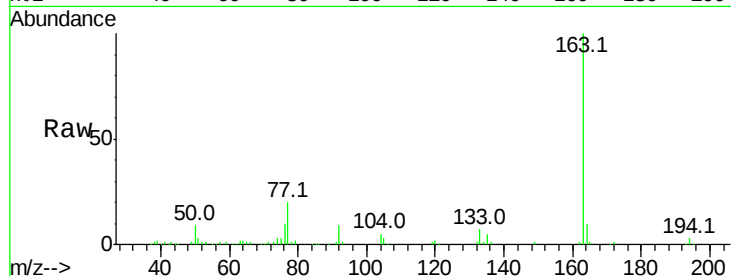
Tot Ion:163 Resp: 155475

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

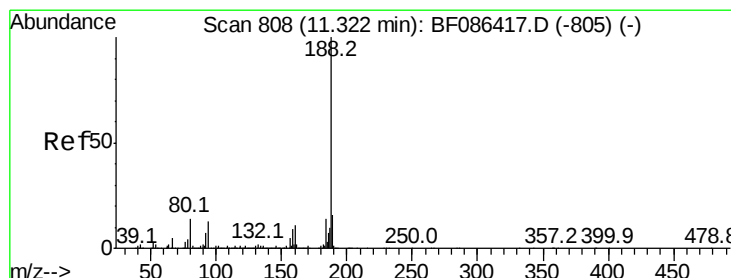
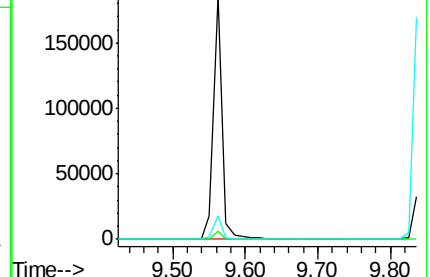
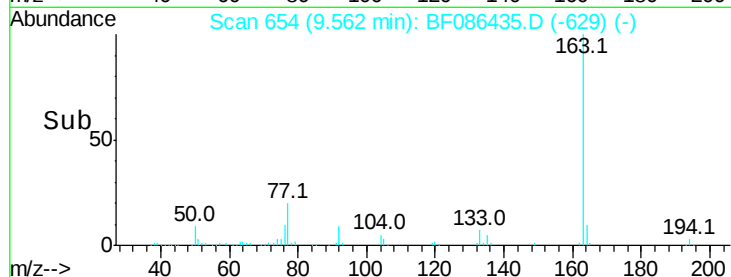
164 9.8 8.2 12.4



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: BF086435.D

Acq: 27 Apr 2016 20:34

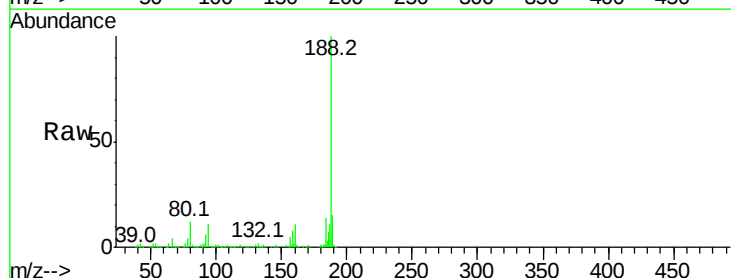
Tgt Ion:188 Resp: 368471

Ion Ratio Lower Upper

188 100

94 11.5 6.8 10.2#

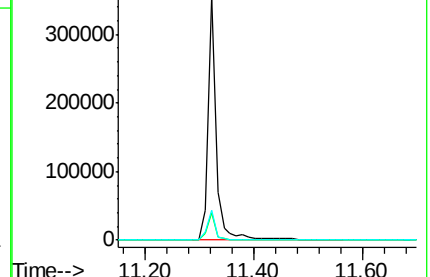
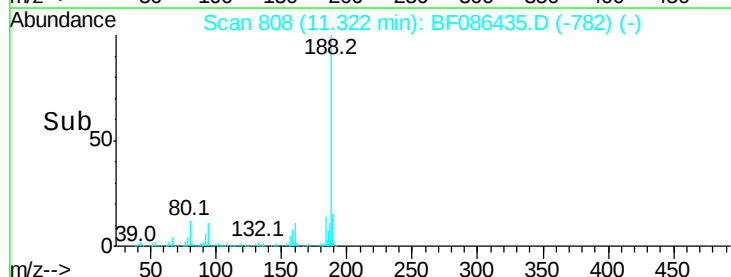
80 12.2 7.1 10.7#

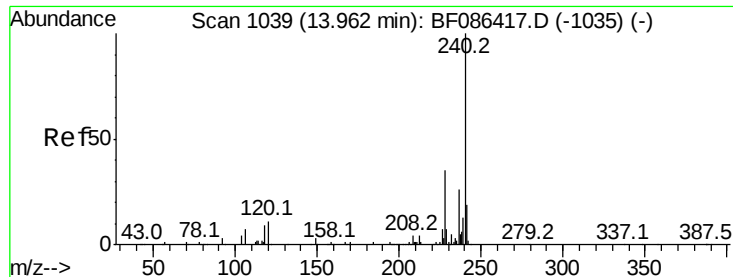


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

TH-B3(0-5)-C

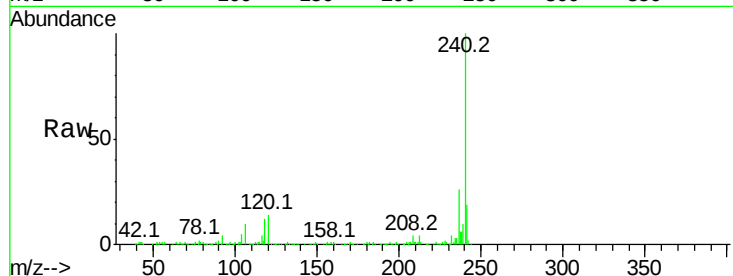
Tot Ion:240 Resp: 286076

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

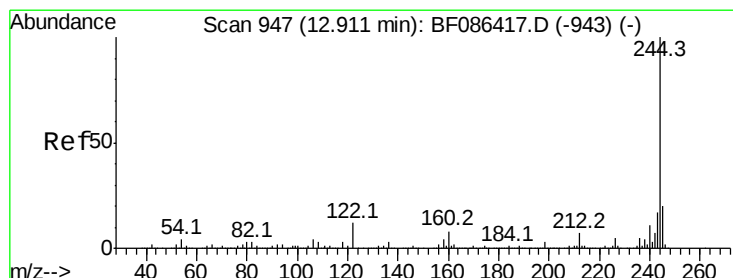
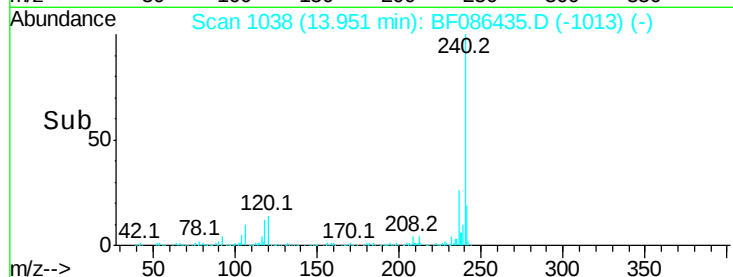
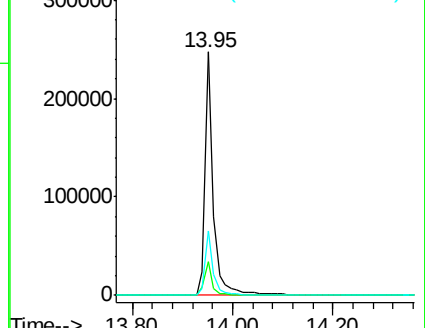
236 26.4 21.2 31.8



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: 73.25 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086435.D

Acq: 27 Apr 2016 20:34

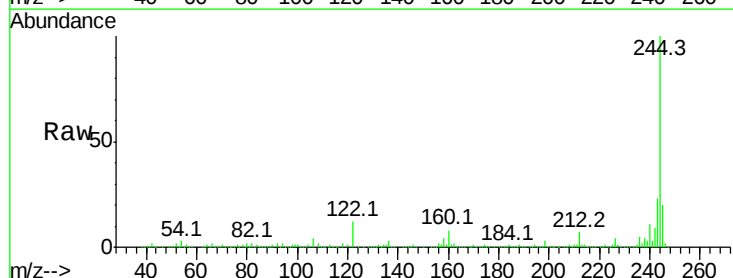
Tgt Ion:244 Resp: 951102

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

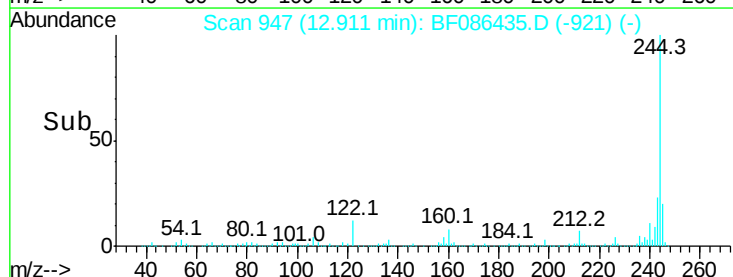
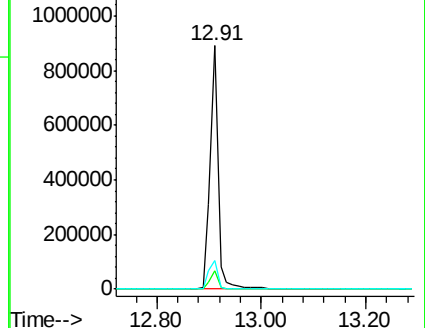
122 11.8 12.0 18.0#

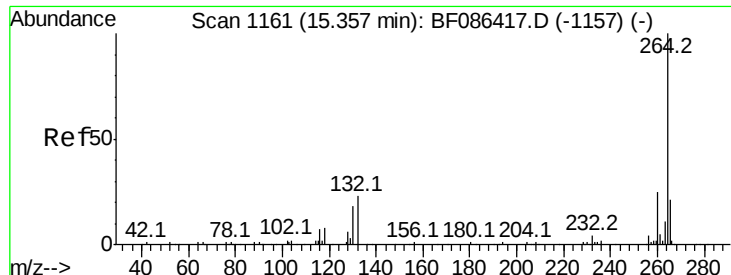


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

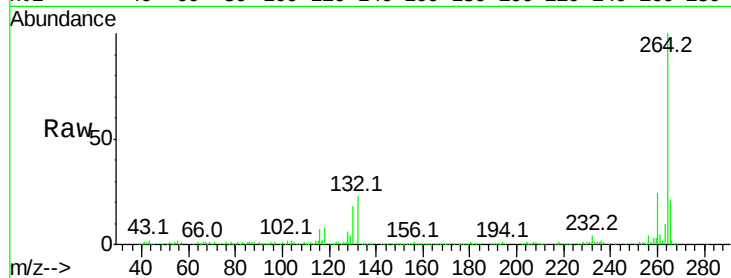




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086435.D
Acq: 27 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
TH-B3(0-5)-C

Tot Ion:264 Resp: 278420
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.1 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

