

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086441.D
 Acq On : 27 Apr 2016 23:28
 Operator : UM/SJ
 Sample : H2730-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1

Quant Time: Apr 28 02:08:13 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

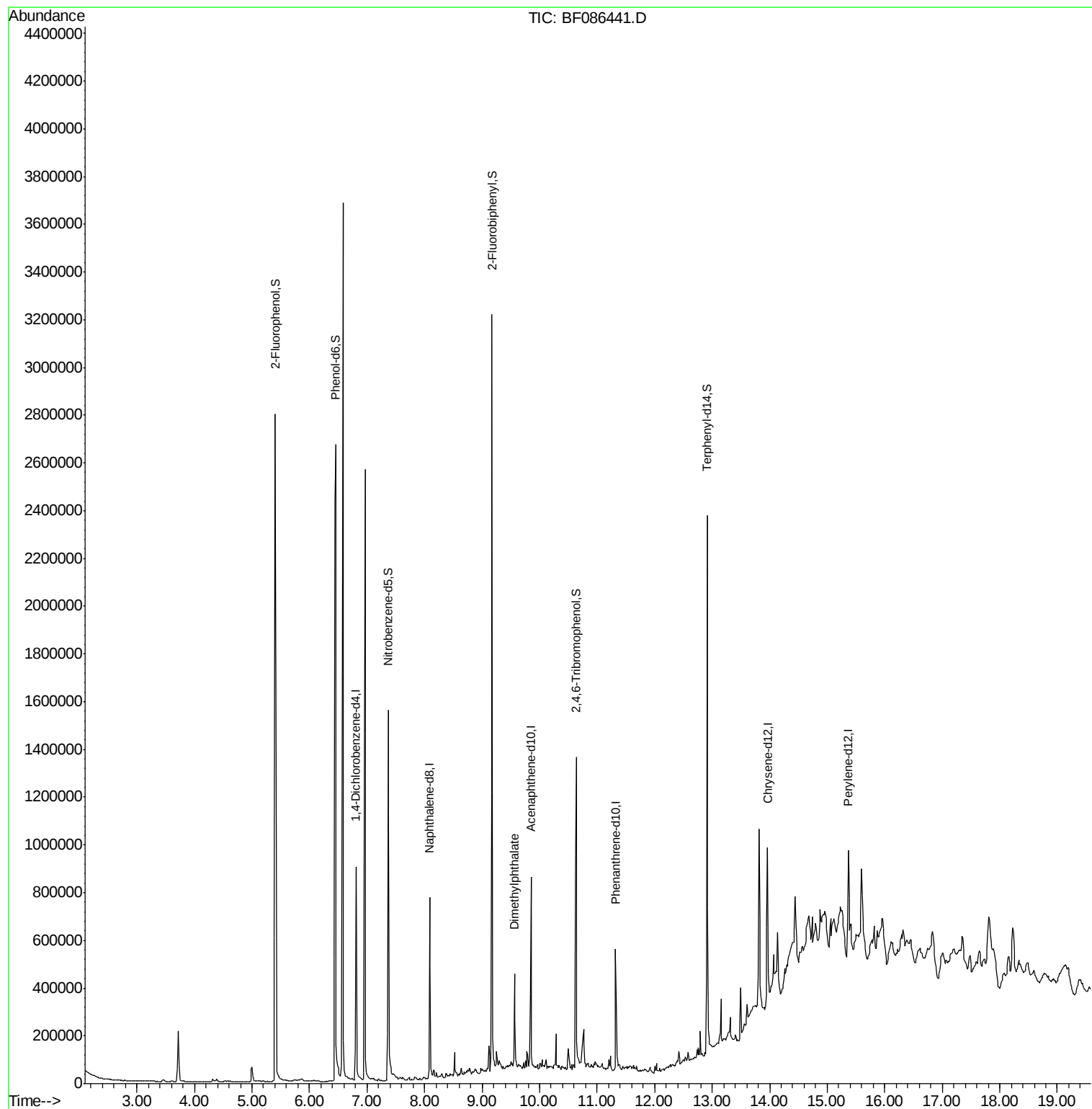
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	441941	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	168557	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	258776	20.00	ng	0.00
75) Chrysene-d12	13.96	240	289316	20.00	ng	0.00
86) Perylene-d12	15.37	264	213520	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	952208	130.75	ng	0.01
7) Phenol-d6	6.45	99	1364980	134.29	ng	0.01
23) Nitrobenzene-d5	7.37	82	726186	88.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	209127	117.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1055992	118.69	ng	0.00
78) Terphenyl-d14	12.91	244	740752	56.41	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	139512	10.99	ng	100

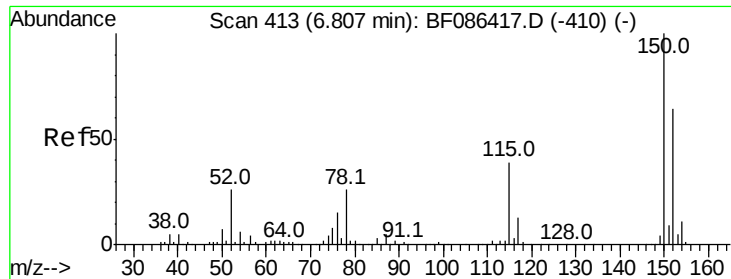
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086441.D

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BNA_F

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STOCKPILE-1

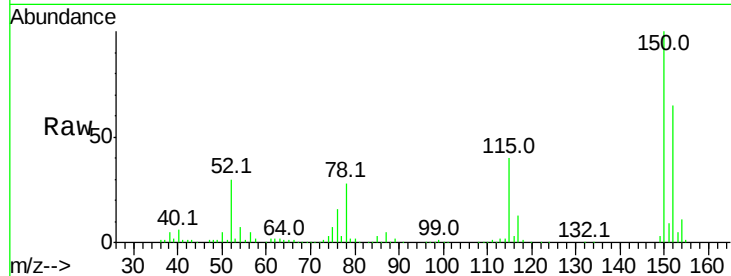
Tot Ion:152 Resp: 125620

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

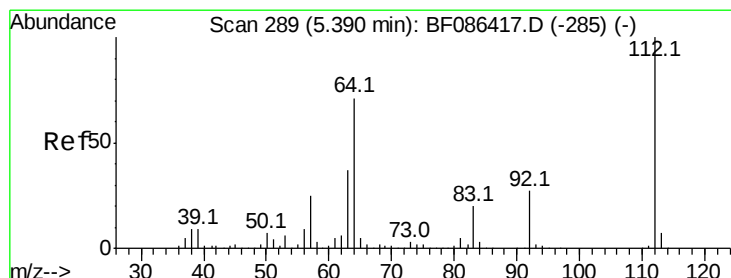
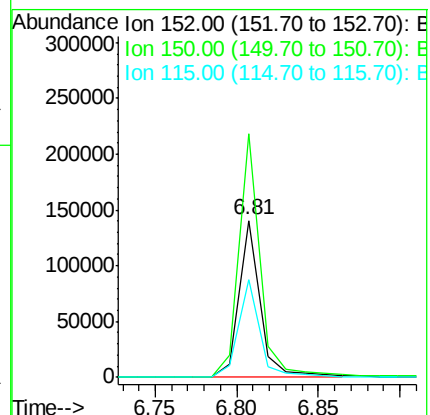
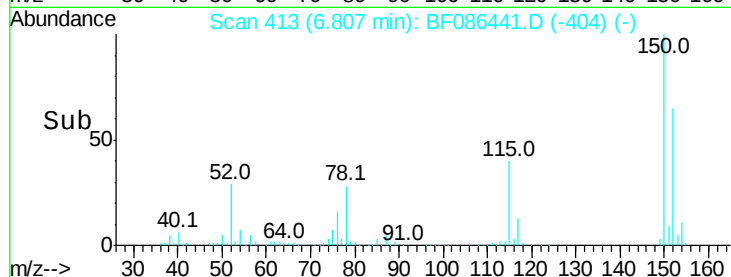
115 62.5 51.5 77.3



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: 130.75 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

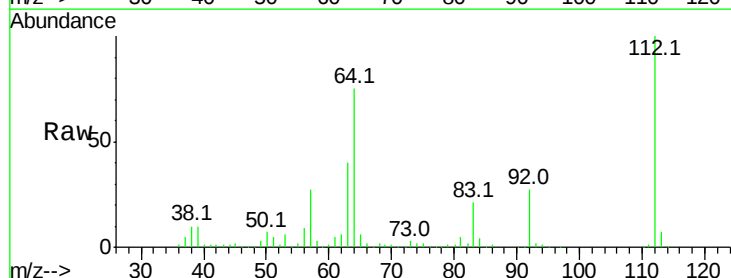
Tgt Ion:112 Resp: 952208

Ion Ratio Lower Upper

112 100

64 75.1 52.1 78.1

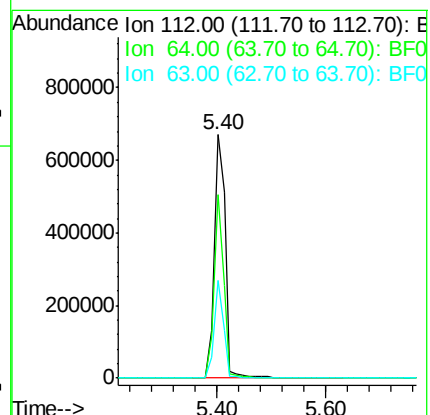
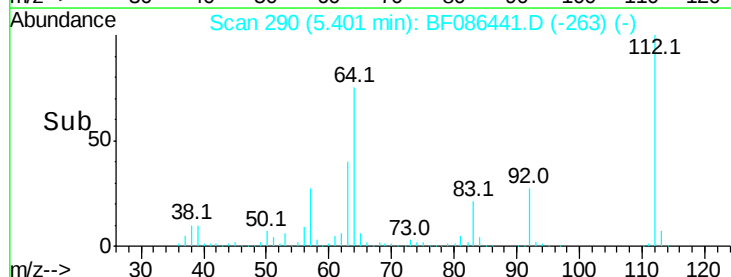
63 39.9 25.7 38.5#



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: 134.29 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

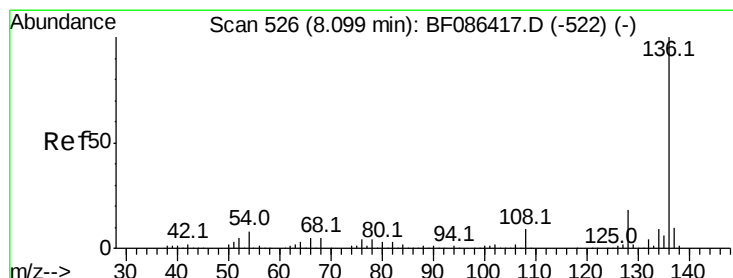
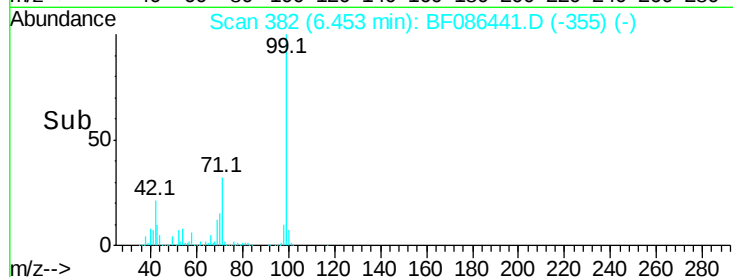
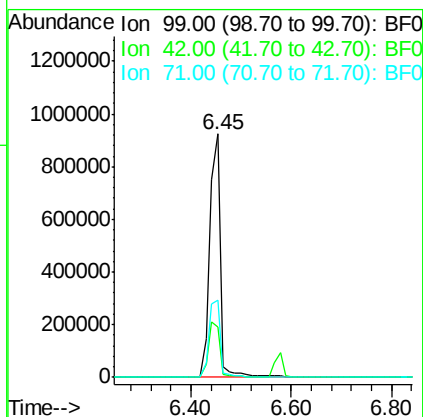
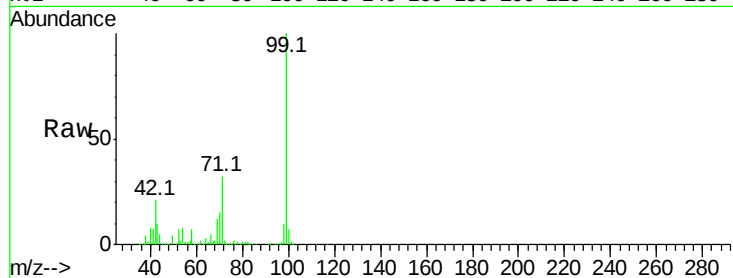
BNA_F

ClientSampleId :

STOCKPILE-1

Tot Ion: 99 Resp: 1364980

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.6	20.4#
71	31.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

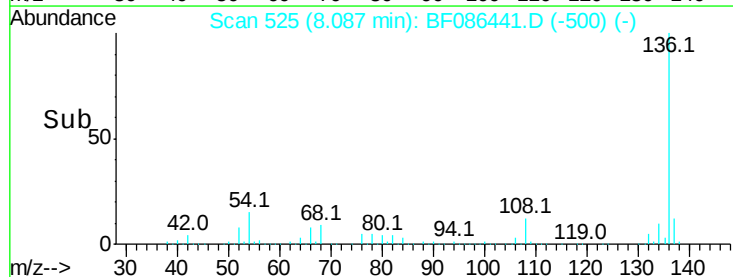
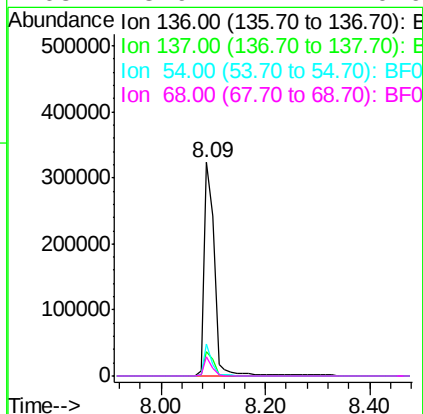
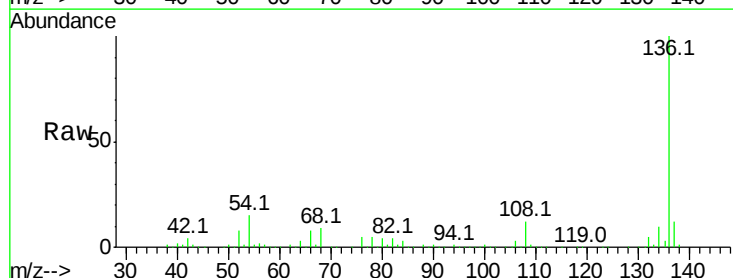
Delta R.T. -0.01 min

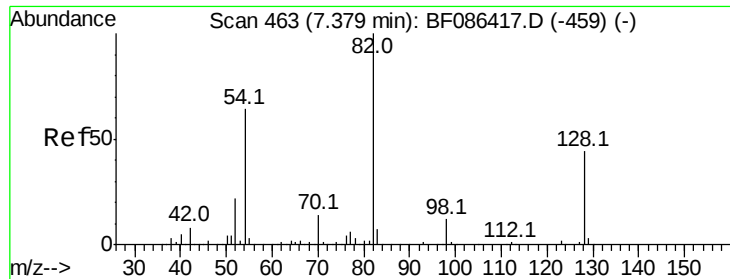
Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Tgt Ion: 136 Resp: 441941

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	14.9	5.0	7.4#
68	8.9	4.4	6.6#

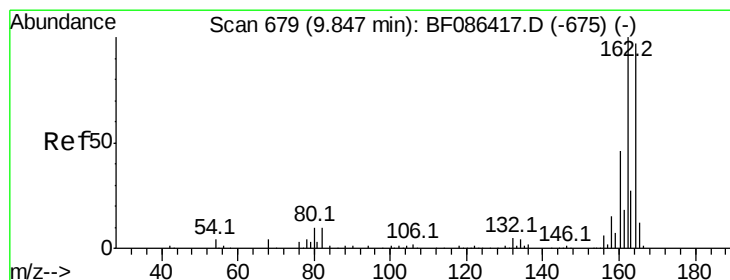
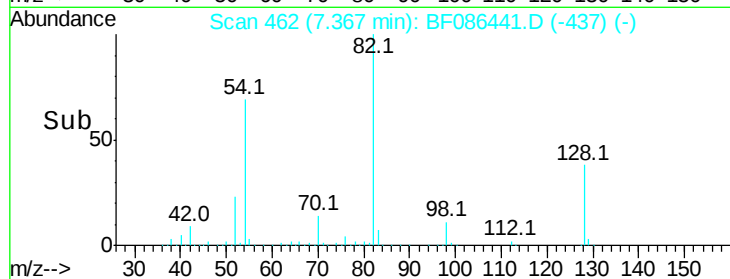
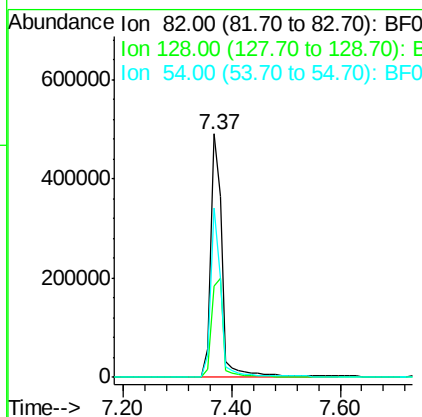
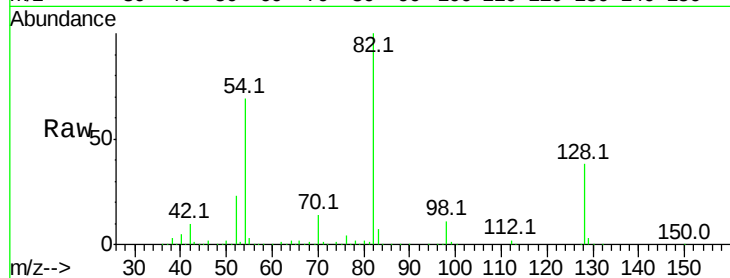




#23
 Nitrobenzene-d5
 Concen: 88.57 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086441.D
 Acq: 27 Apr 2016 23:28

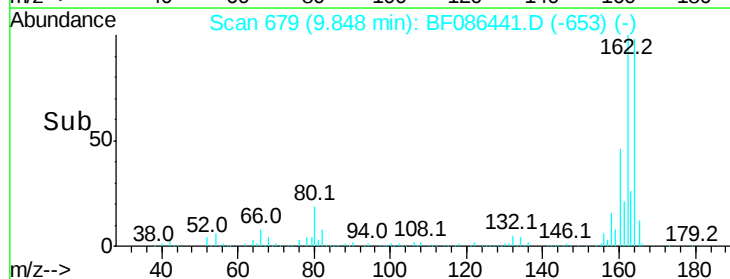
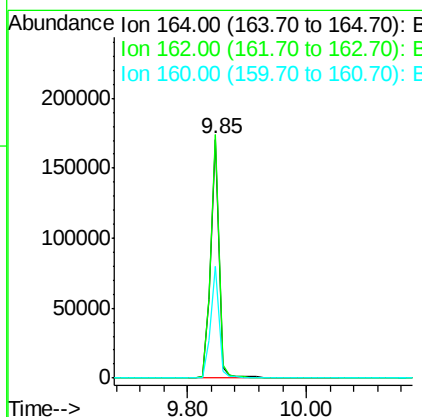
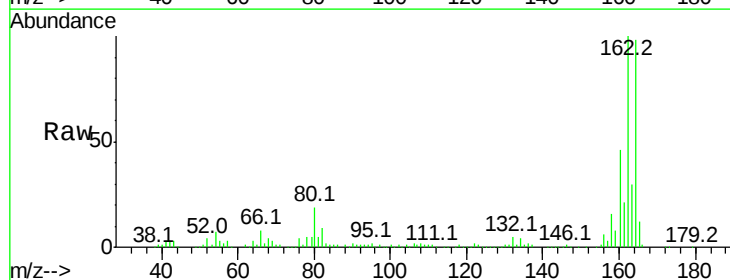
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-1

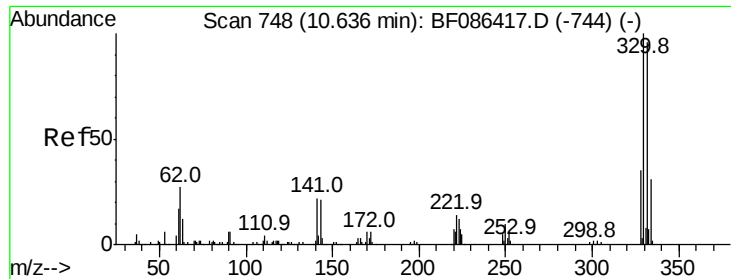
Tot Ion	82	Resp	726186
Ion Ratio	100	Lower	Upper
128	37.5	40.6	61.0#
54	69.3	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086441.D
 Acq: 27 Apr 2016 23:28

Tgt Ion	164	Resp	168557
Ion Ratio	100	Lower	Upper
162	101.9	82.8	124.2
160	47.0	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 117.65 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

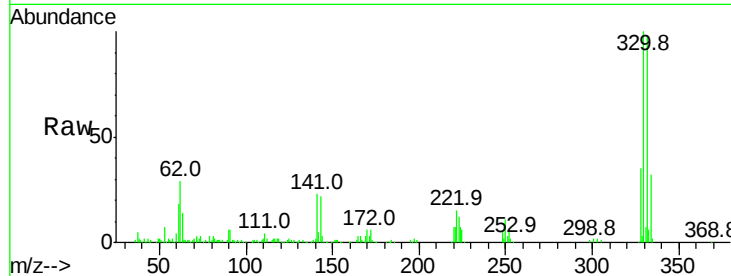
Tot Ion:330 Resp: 209127

Ion Ratio Lower Upper

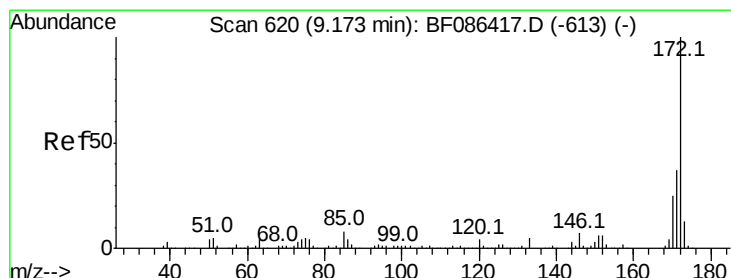
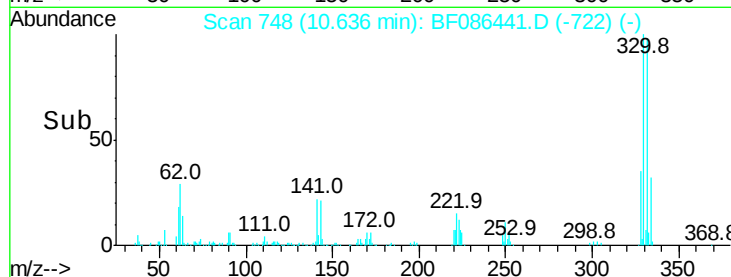
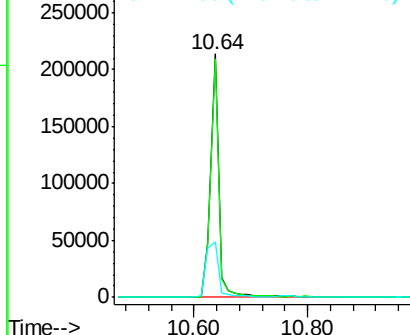
330 100

332 95.9 79.0 118.4

141 33.7 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: 118.69 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

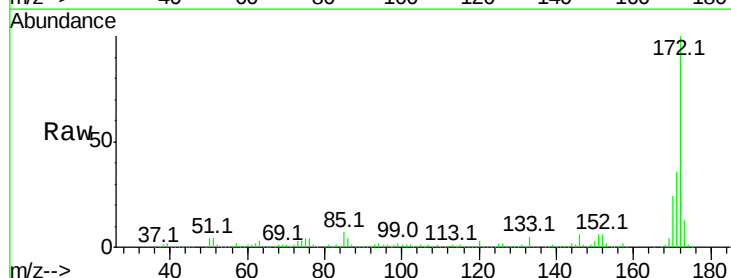
Tgt Ion:172 Resp: 1055992

Ion Ratio Lower Upper

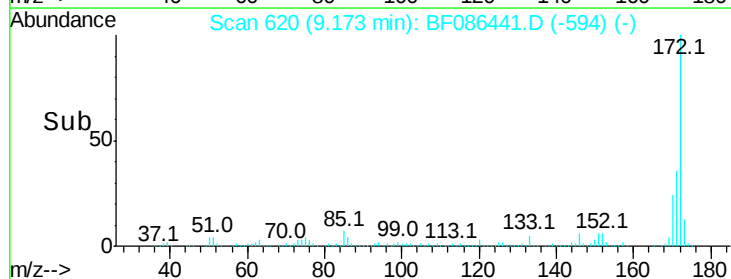
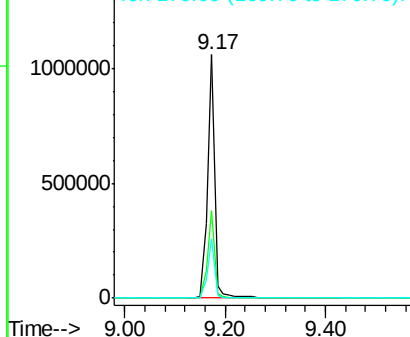
172 100

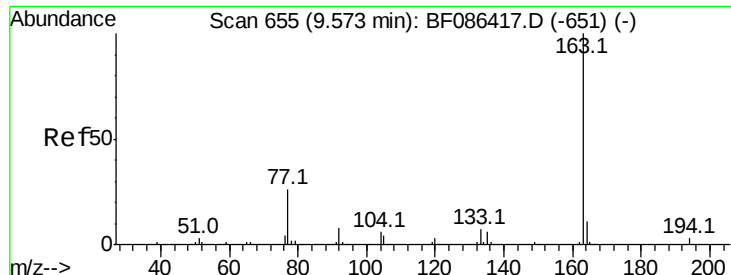
171 35.9 29.0 43.6

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: 10.99 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

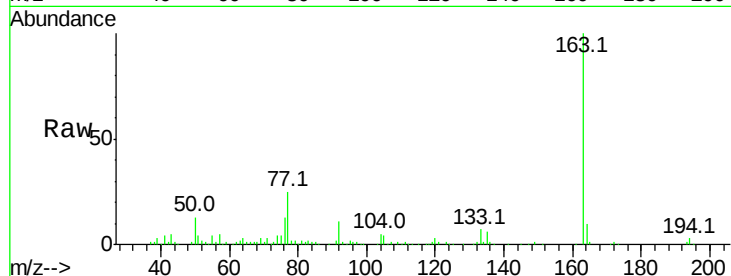
Tot Ion:163 Resp: 139512

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

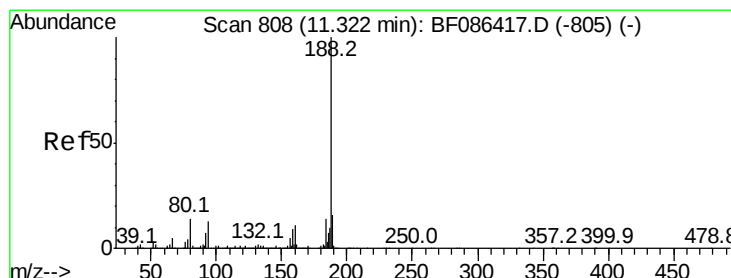
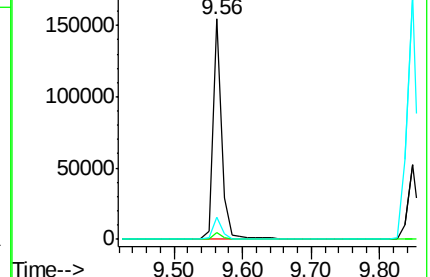
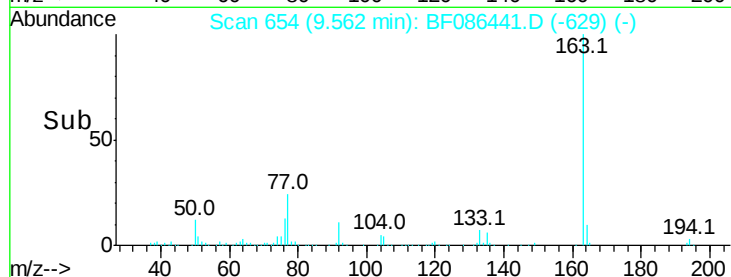
164 10.4 8.2 12.4



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: BF086441.D

Acq: 27 Apr 2016 23:28

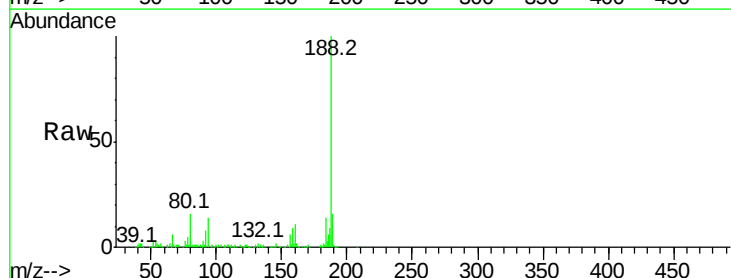
Tgt Ion:188 Resp: 258776

Ion Ratio Lower Upper

188 100

94 14.3 6.8 10.2#

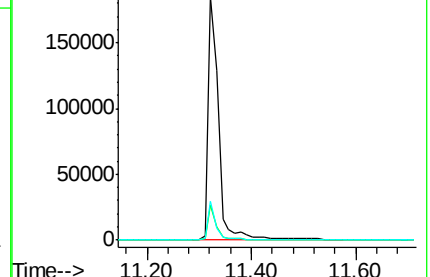
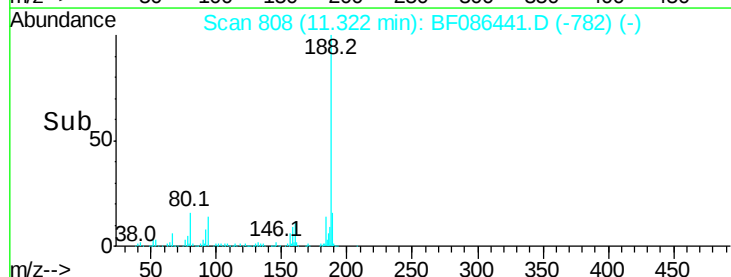
80 16.0 7.1 10.7#

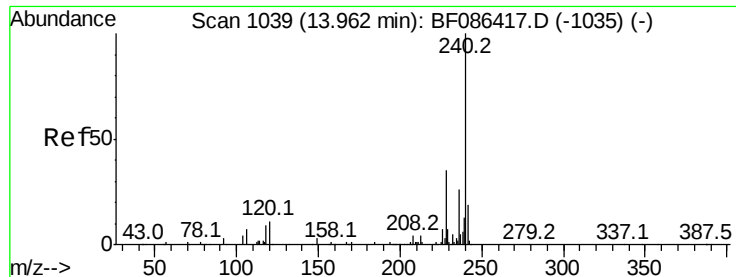


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086441.D

Acq: 27 Apr 2016 23:28

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-1

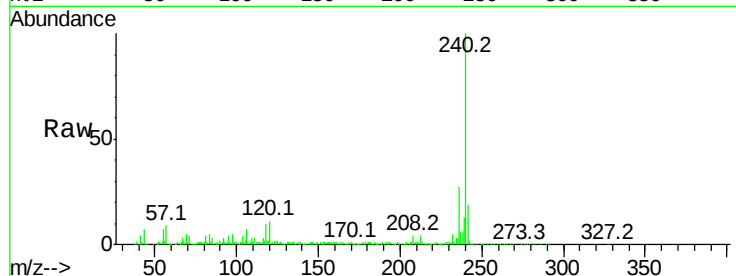
Tot Ion:240 Resp: 289316

Ion Ratio Lower Upper

240 100

120 10.6 11.2 16.8#

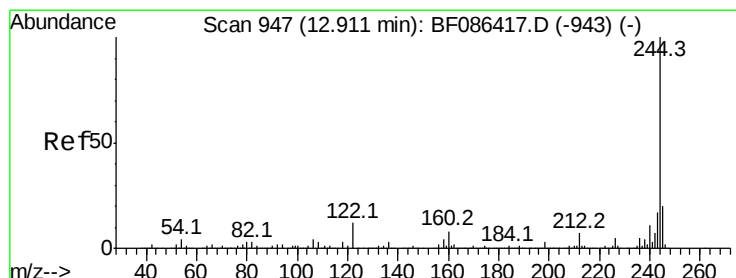
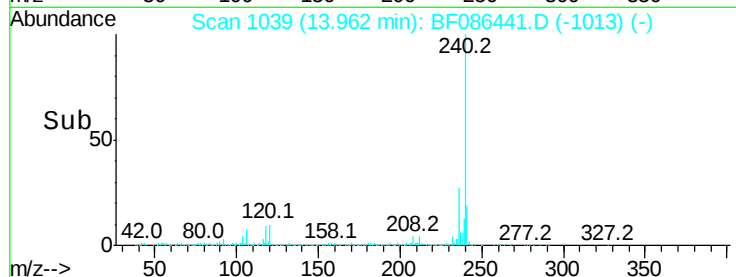
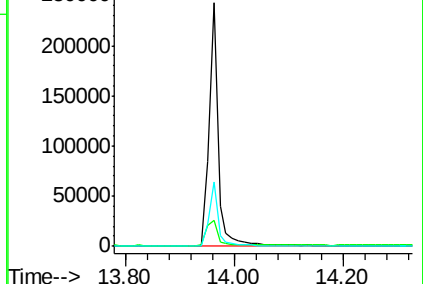
236 26.7 21.2 31.8



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: 56.41 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086441.D

Acq: 27 Apr 2016 23:28

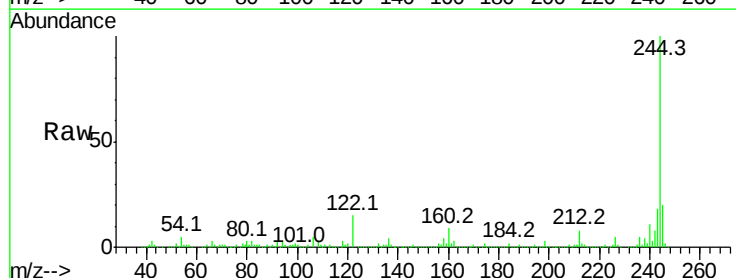
Tgt Ion:244 Resp: 740752

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

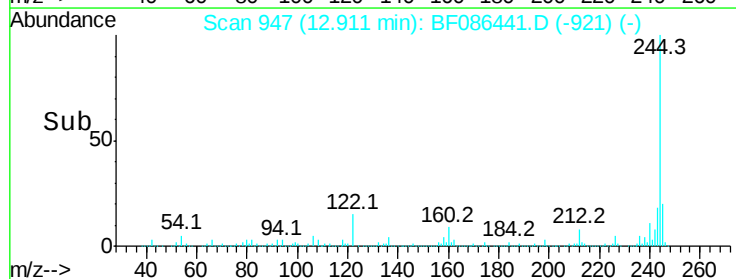
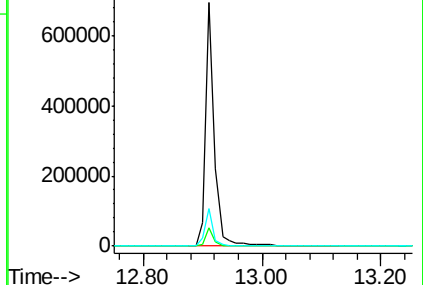
122 15.2 12.0 18.0

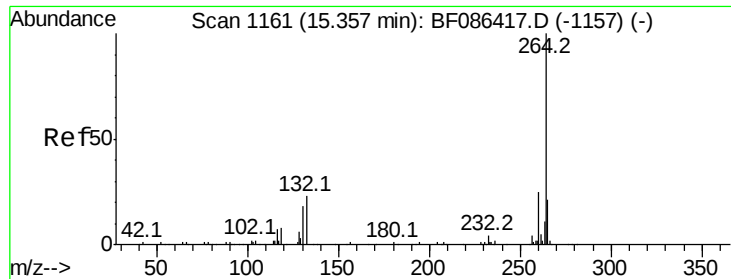


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086441.D
Acq: 27 Apr 2016 23:28

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.8	17.3	25.9

