

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086382.D
 Acq On : 23 Apr 2016 10:42
 Operator : UM/SJ
 Sample : H2661-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001

Quant Time: Apr 25 05:07:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

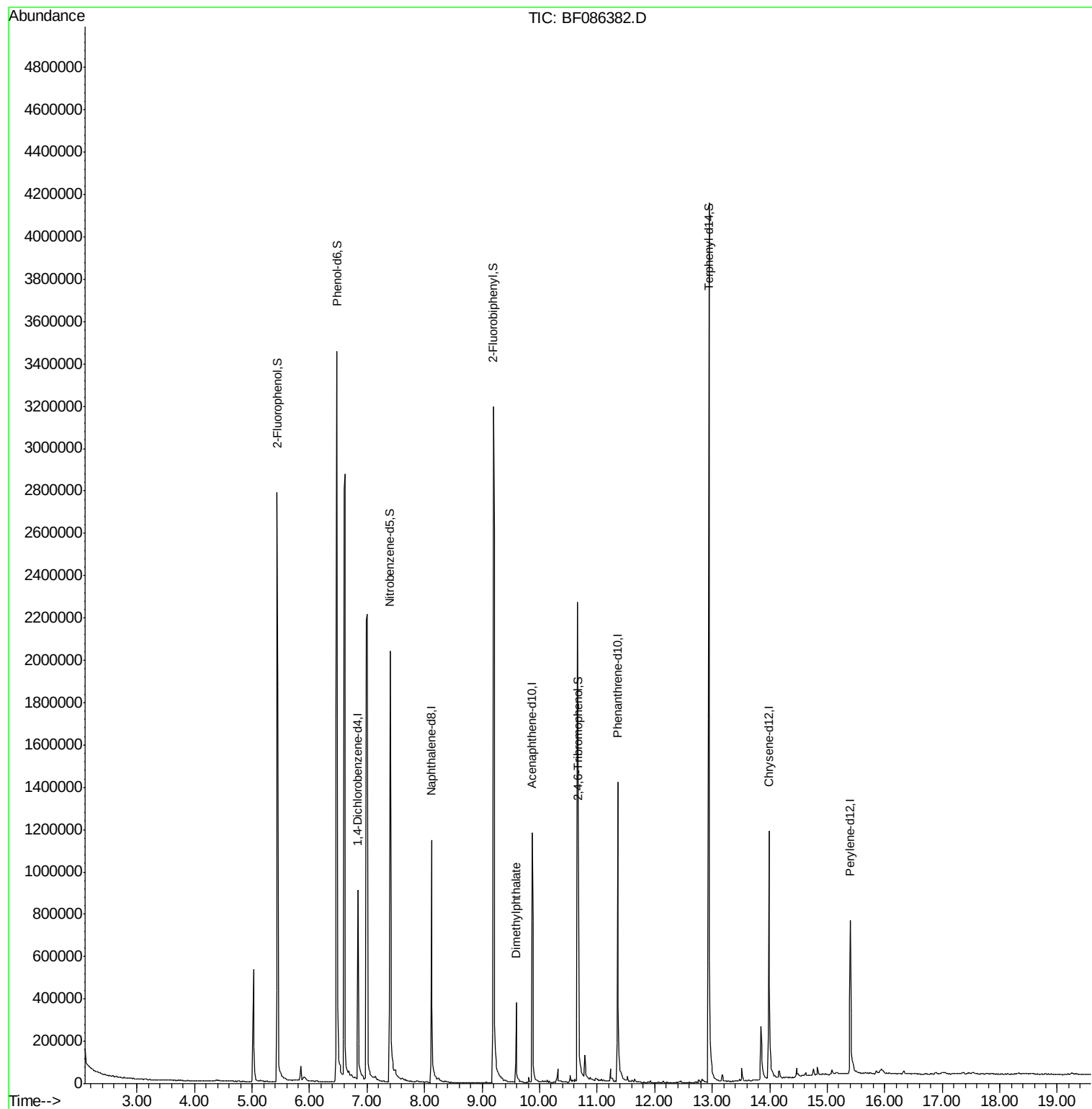
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165721	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	699504	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	327973	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	663636	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	539430	20.00	ng	-0.01
86) Perylene-d12	15.40	264	407169	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1168266	121.74	ng	0.01
7) Phenol-d6	6.48	99	1551800	118.95	ng	0.00
23) Nitrobenzene-d5	7.40	82	944906	80.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	365616	123.15	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1681606	87.50	ng	-0.01
78) Terphenyl-d14	12.94	244	1546126	71.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	192629	8.13	ng	Qvalue 100

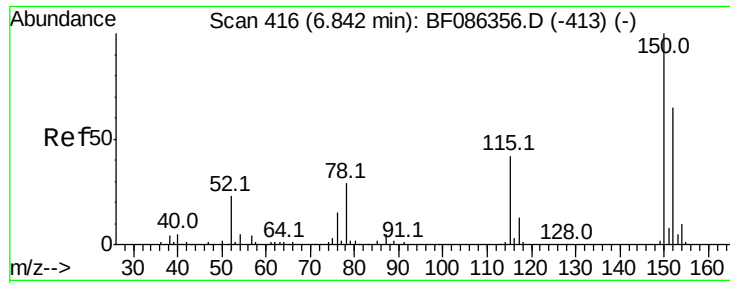
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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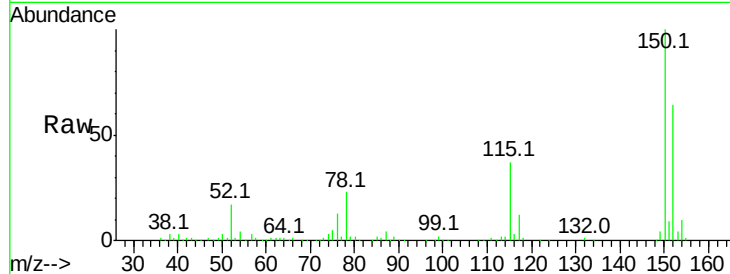


#1

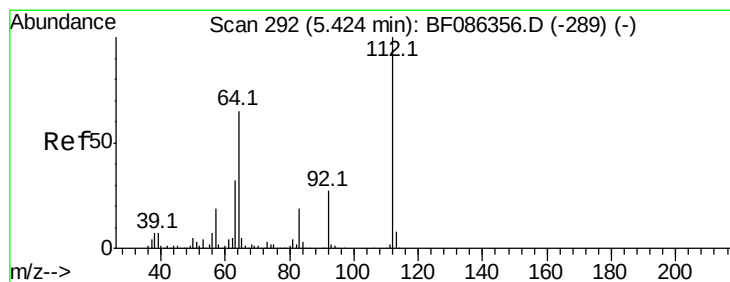
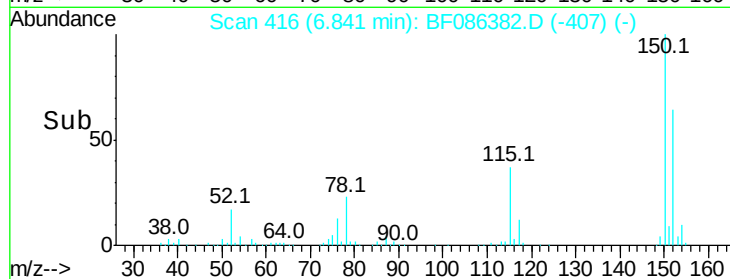
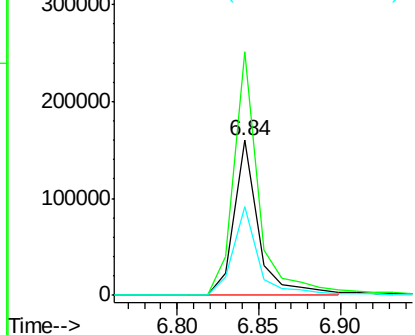
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001

Tot Ion:152 Resp: 165721
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 57.5 51.5 77.3



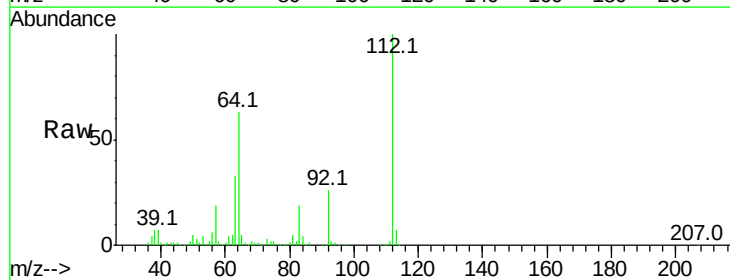
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



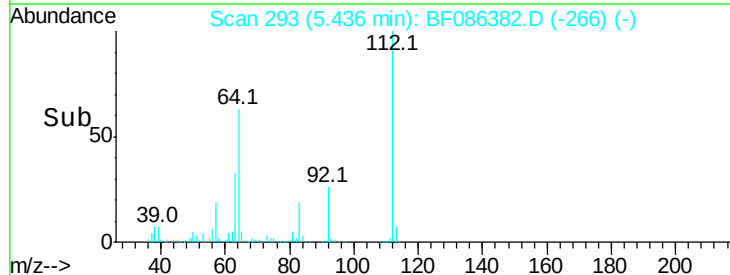
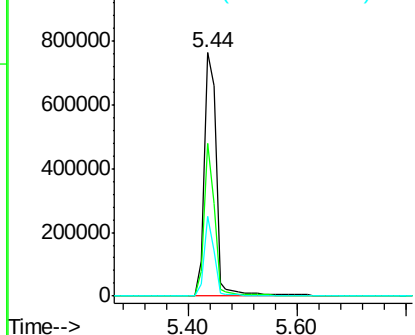
#5

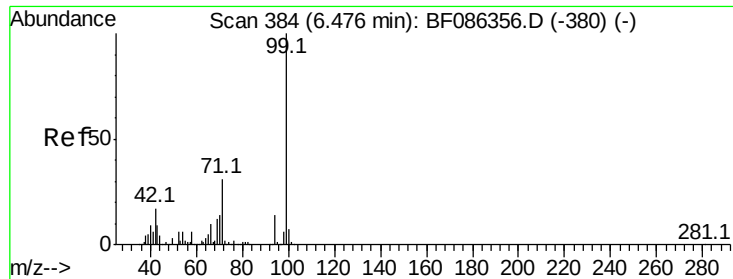
2-Fluorophenol
Concen: 121.74 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

Tgt Ion:112 Resp: 1168266
Ion Ratio Lower Upper
112 100
64 62.6 52.1 78.1
63 32.7 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: 118.95 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Instrument :

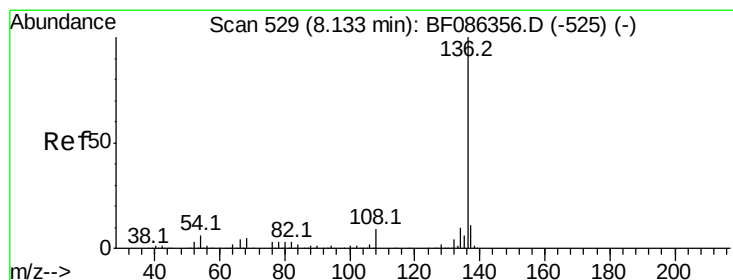
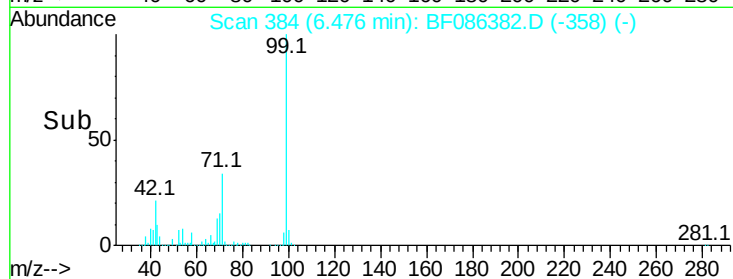
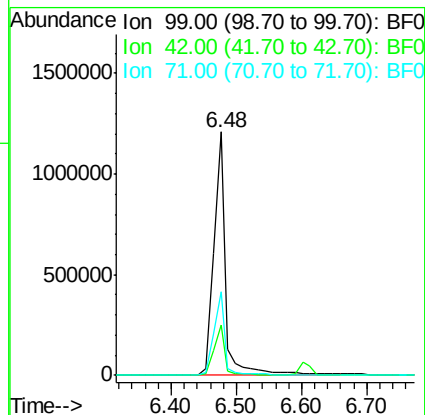
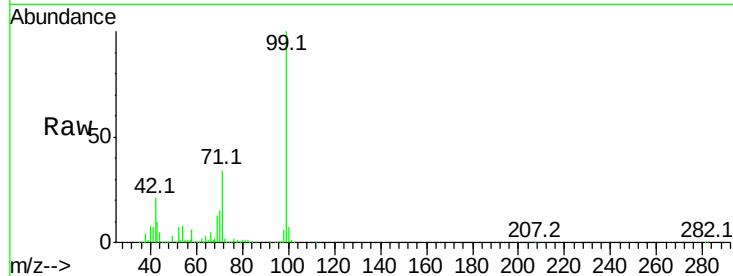
BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001

Tot Ion: 99 Resp: 1551800

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.6	20.4#
71	34.5	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

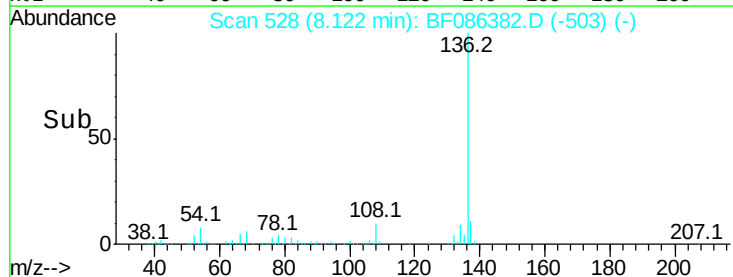
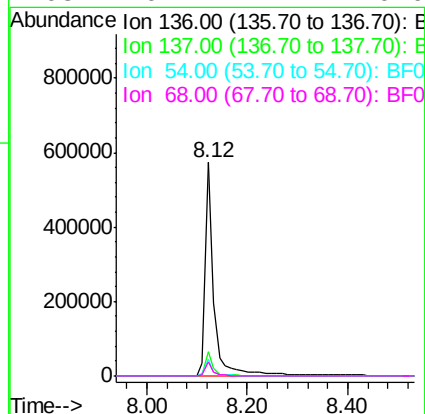
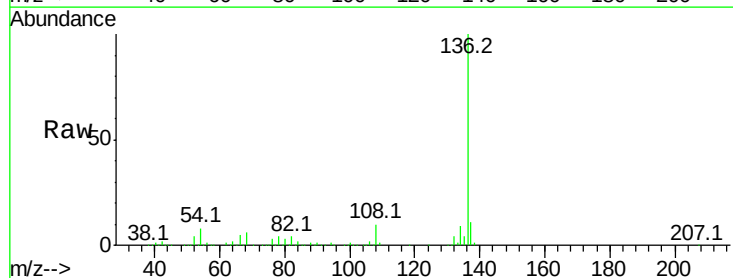
Delta R.T. -0.01 min

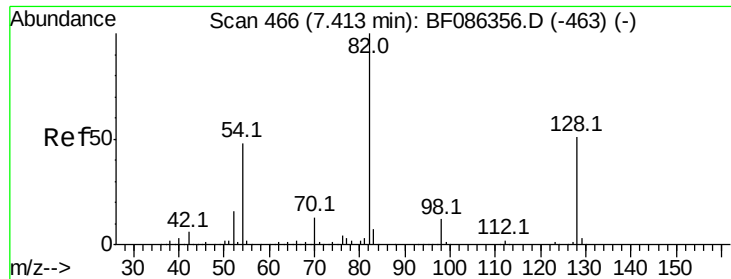
Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Tgt Ion: 136 Resp: 699504

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	5.0	7.4#
68	6.4	4.4	6.6





#23

Nitrobenzene-d5

Concen: 80.02 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001

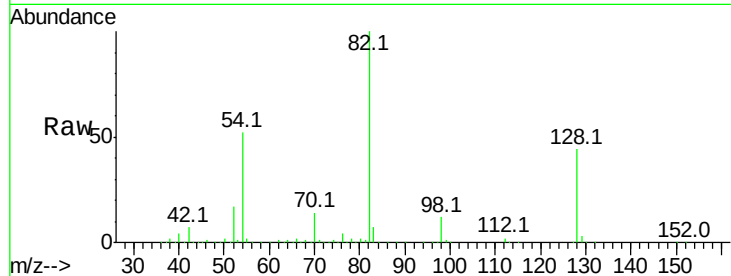
Tot Ion: 82 Resp: 944906

Ion Ratio Lower Upper

82 100

128 43.6 40.6 61.0

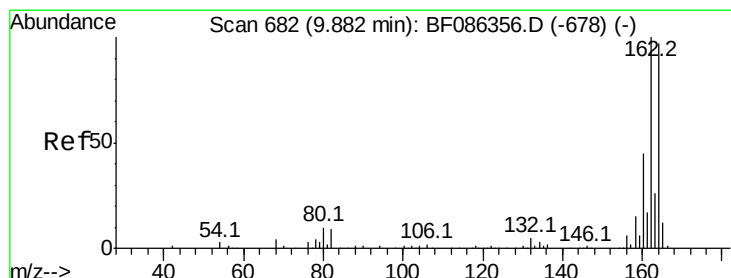
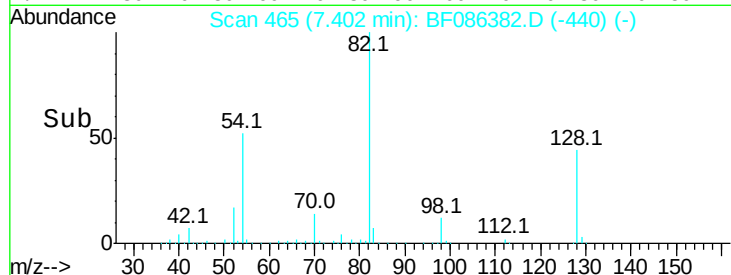
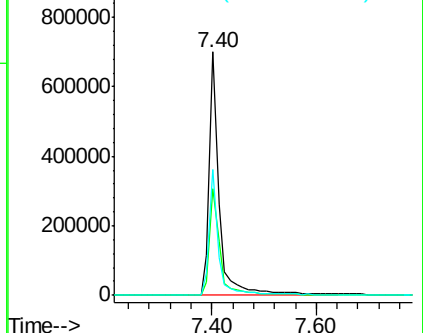
54 51.7 38.1 57.1



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: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

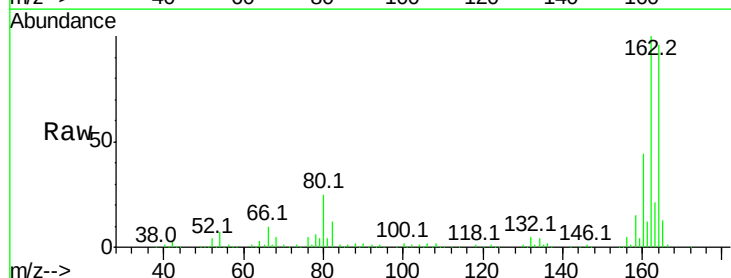
Tgt Ion:164 Resp: 327973

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

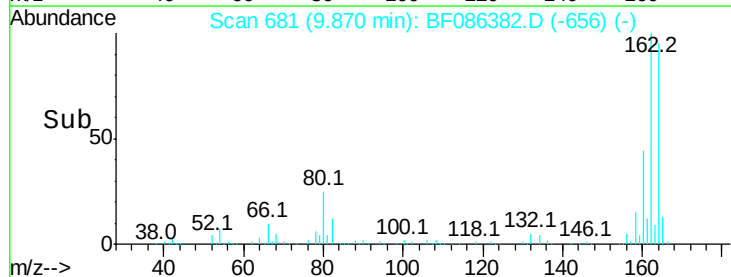
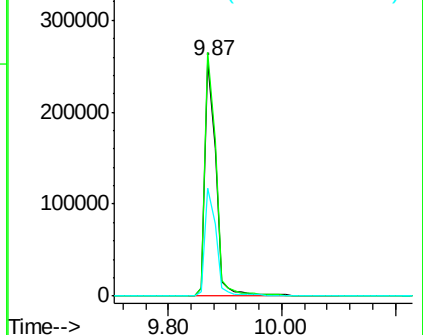
160 45.8 36.9 55.3

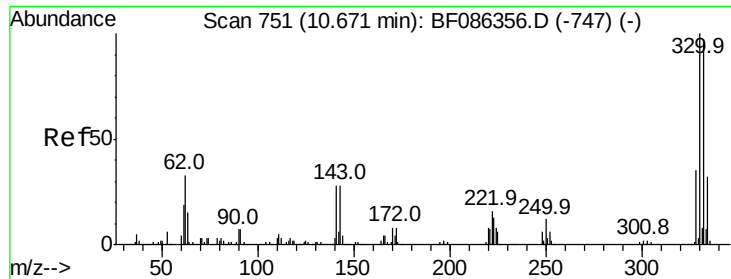


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

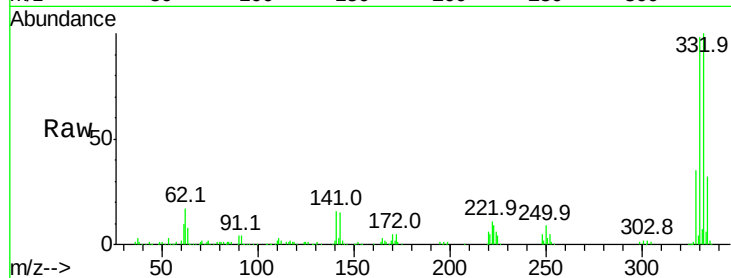




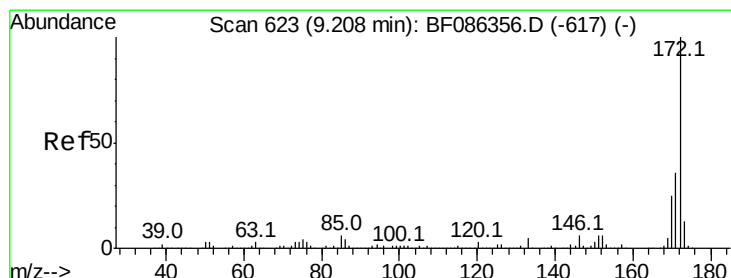
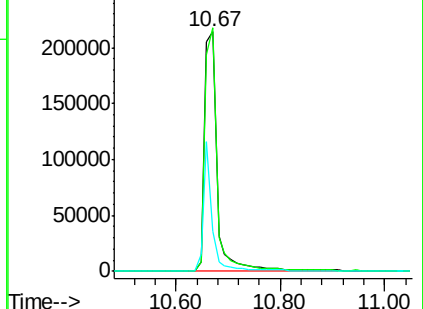
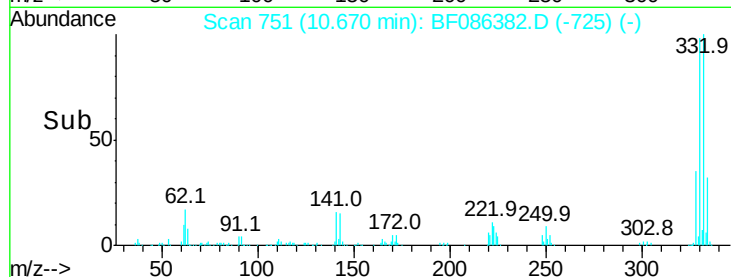
#41
 2,4,6-Tribromophenol
 Concen: 123.15 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086382.D
 Acq: 23 Apr 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001

Tot Ion:330 Resp: 365616
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 38.0 31.2 46.8

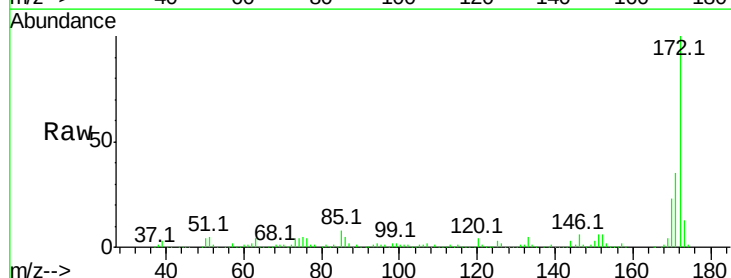


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

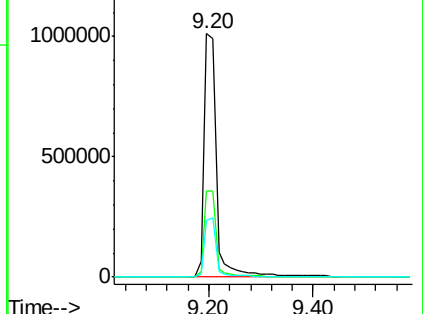
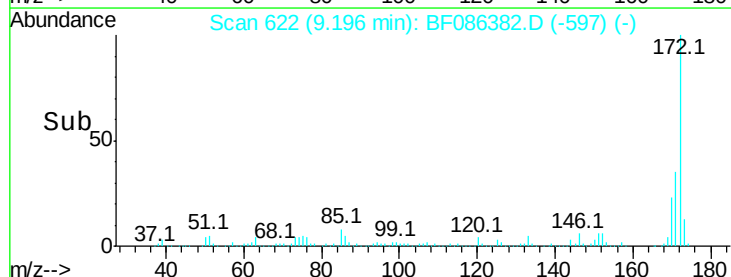


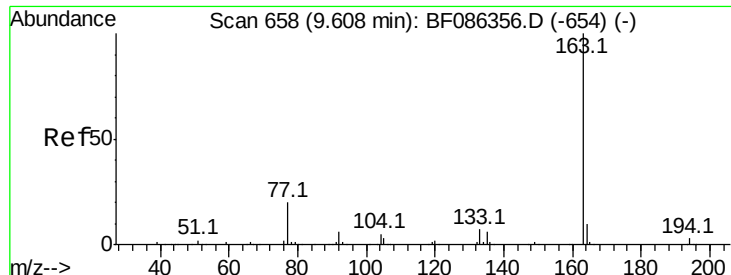
#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086382.D
 Acq: 23 Apr 2016 10:42

Tgt Ion:172 Resp: 1681606
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 23.4 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: 8.13 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001

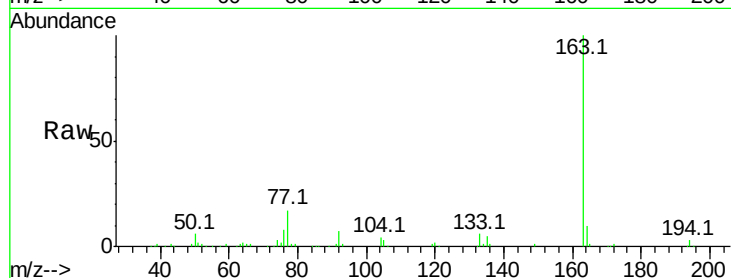
Tot Ion:163 Resp: 192629

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

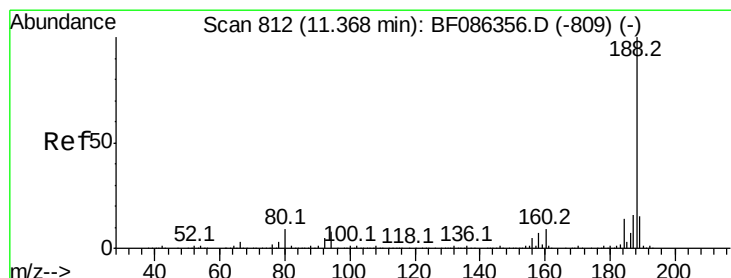
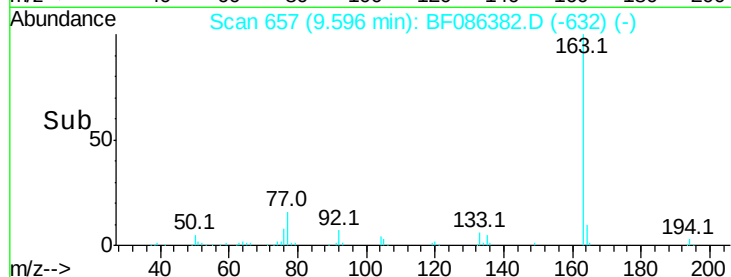
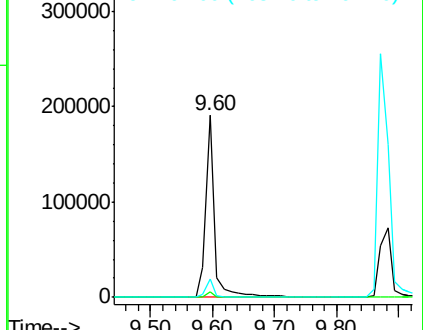
164 10.2 8.2 12.4



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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

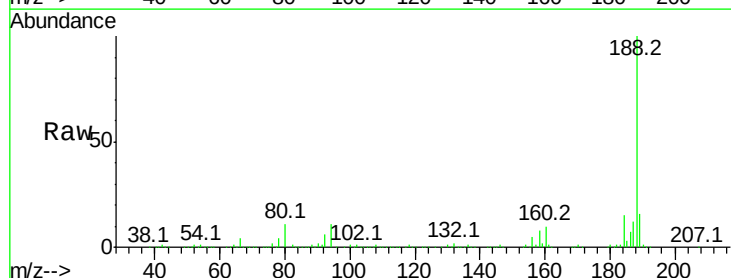
Tgt Ion:188 Resp: 663636

Ion Ratio Lower Upper

188 100

94 10.5 6.8 10.2#

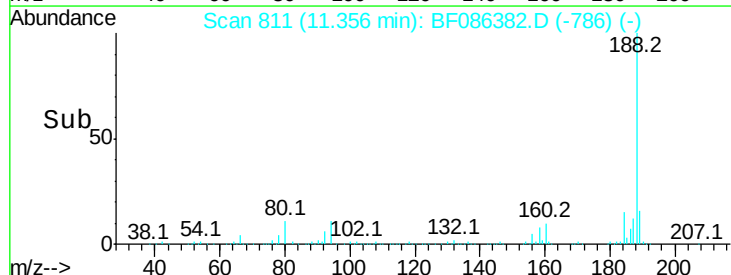
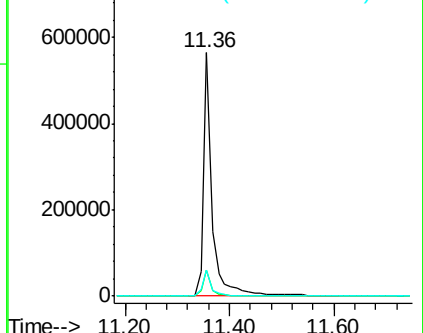
80 10.8 7.1 10.7#

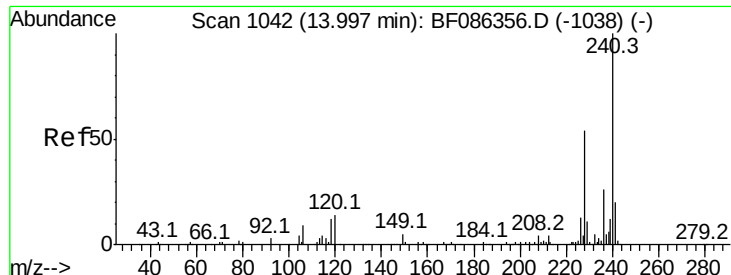


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001

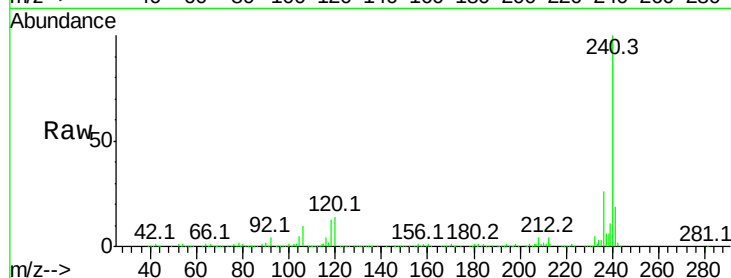
Tot Ion:240 Resp: 539430

Ion Ratio Lower Upper

240 100

120 14.5 11.2 16.8

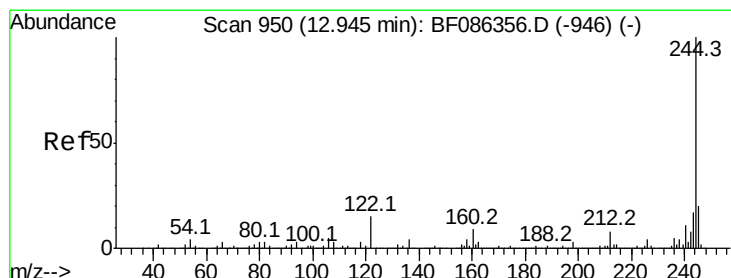
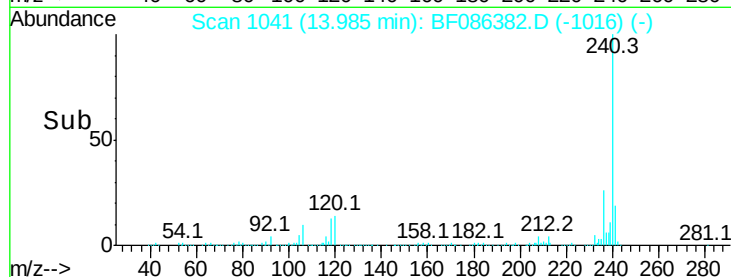
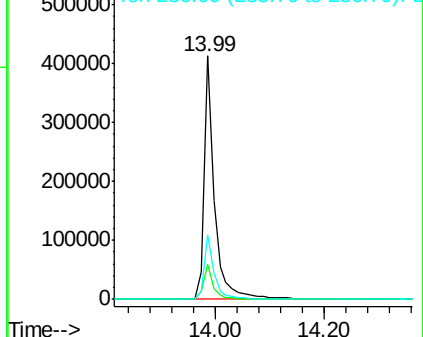
236 26.4 21.2 31.8



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: 71.21 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

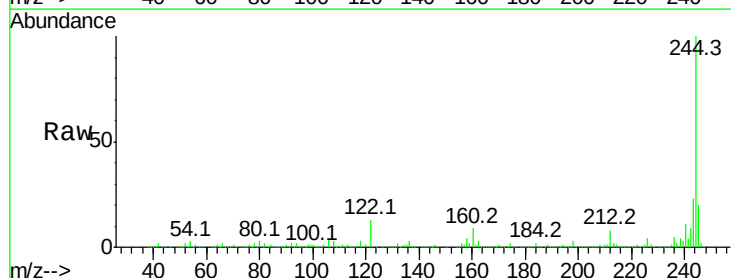
Tgt Ion:244 Resp: 1546126

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

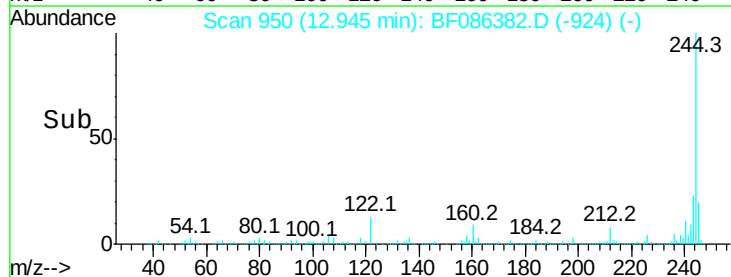
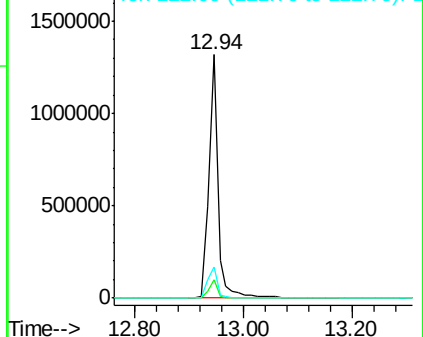
122 12.8 12.0 18.0

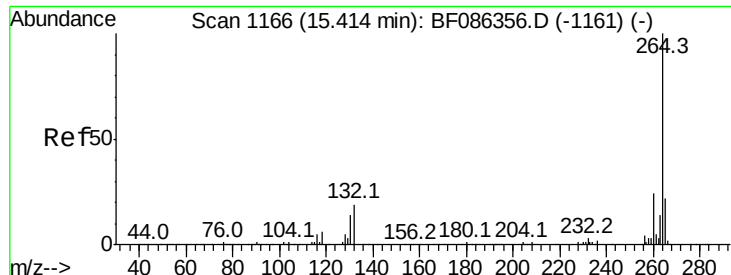


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



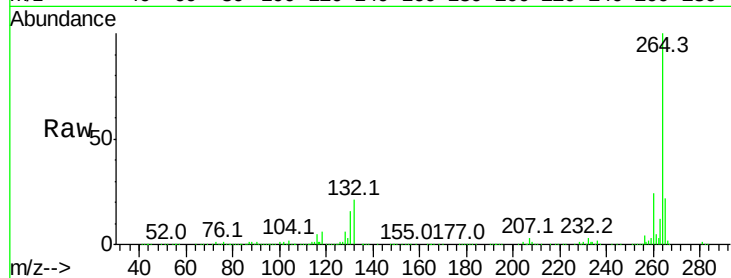


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001

Tot Ion:264 Resp: 407169

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	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

