

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086862.D
 Acq On : 10 May 2016 16:22
 Operator : UM/SJ
 Sample : H2912-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-003

Quant Time: May 11 04:33:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

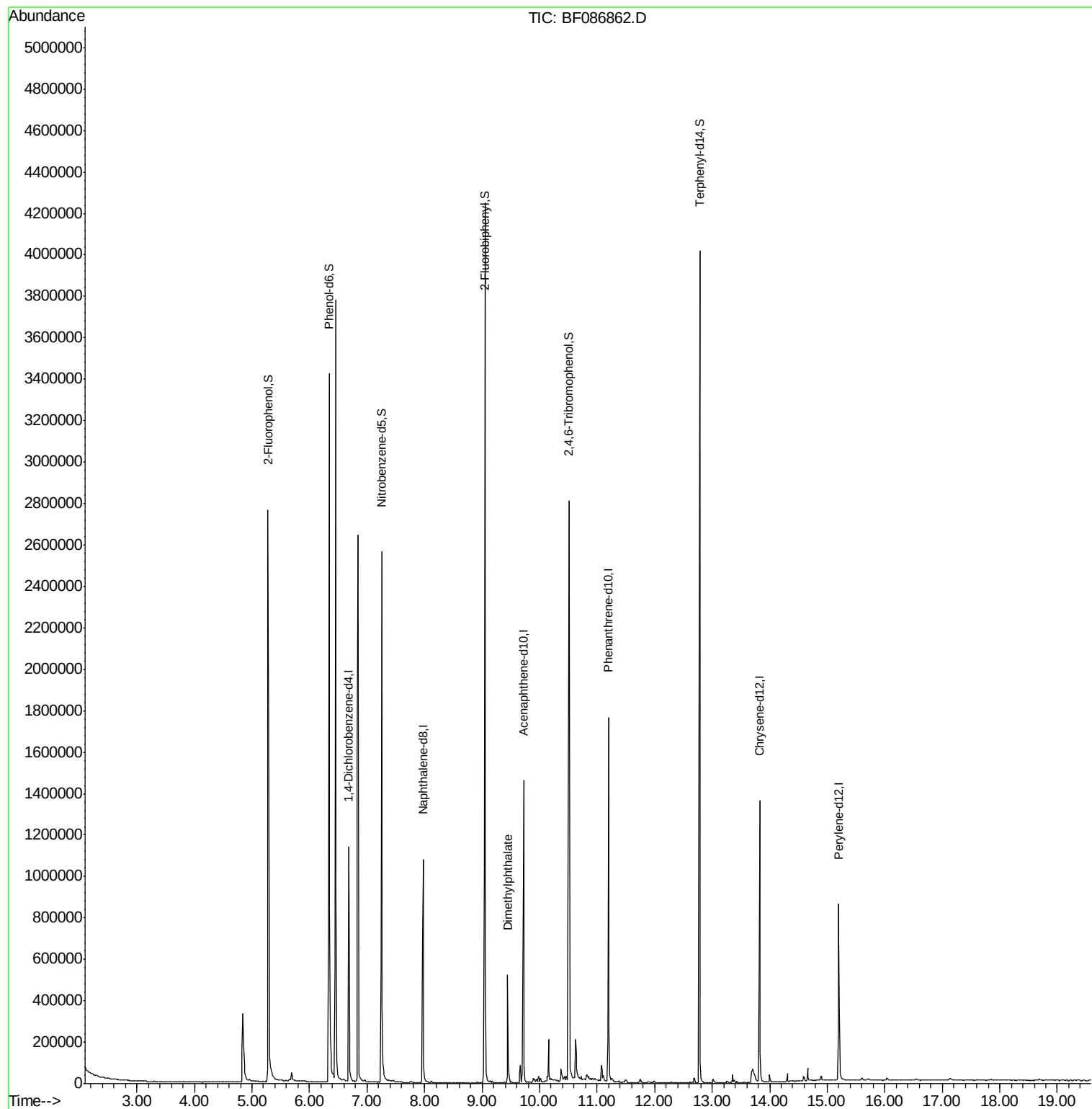
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	154653	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	627281	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	321208	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	605132	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	496064	20.00	ng	-0.01
86) Perylene-d12	15.20	264	380089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	921098	100.86	ng	-0.01
7) Phenol-d6	6.34	99	1160422	95.08	ng	-0.02
23) Nitrobenzene-d5	7.25	82	791236	63.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	344522	101.31	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1274835	66.70	ng	-0.01
78) Terphenyl-d14	12.79	244	1367084	58.47	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	189396	7.73	ng	99

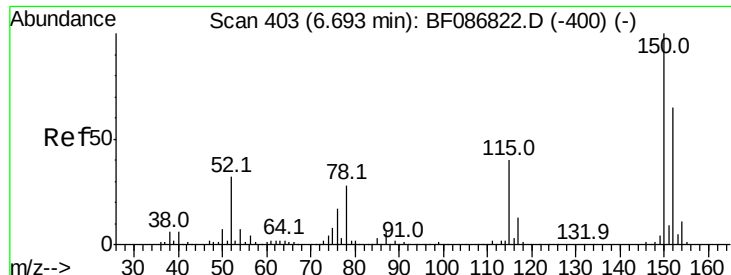
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

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BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

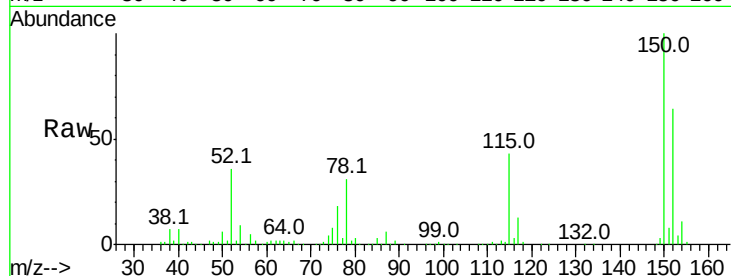
Tot Ion:152 Resp: 154653

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

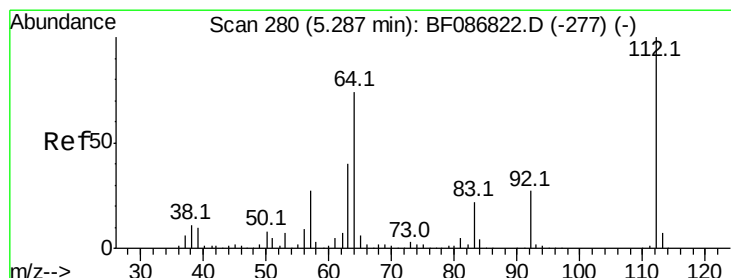
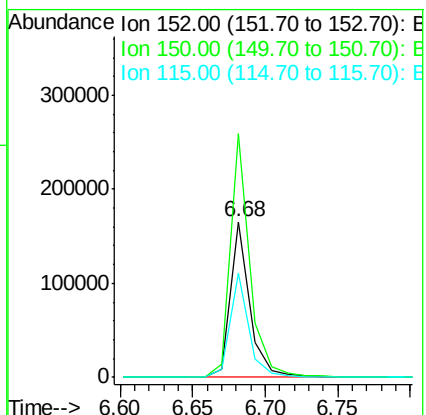
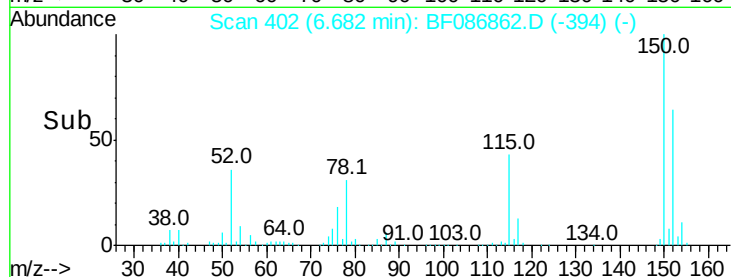
115 66.5 51.5 77.3



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: 100.86 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

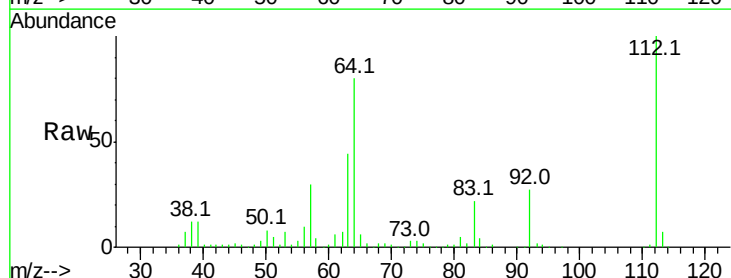
Tgt Ion:112 Resp: 921098

Ion Ratio Lower Upper

112 100

64 80.3 52.1 78.1#

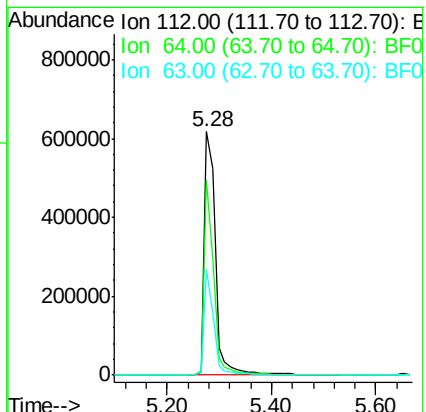
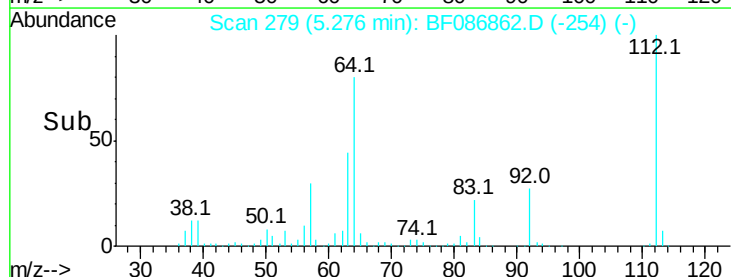
63 43.5 25.7 38.5#

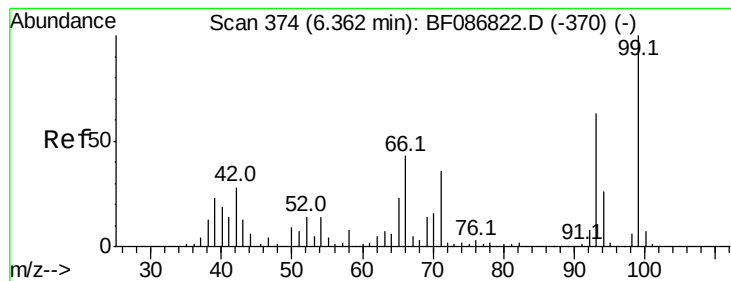


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.08 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

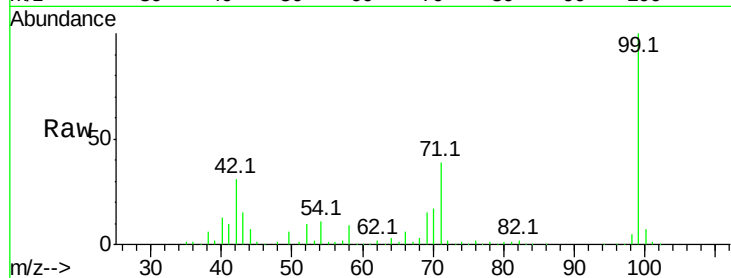
Tot Ion: 99 Resp: 1160422

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

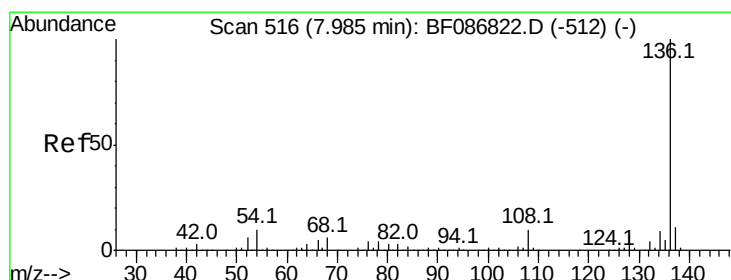
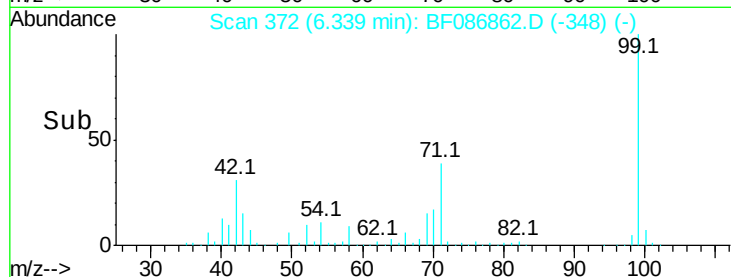
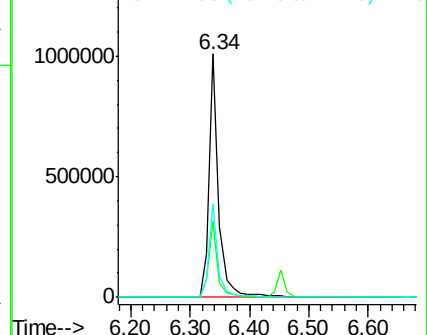
71 38.8 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Tgt Ion: 136 Resp: 627281

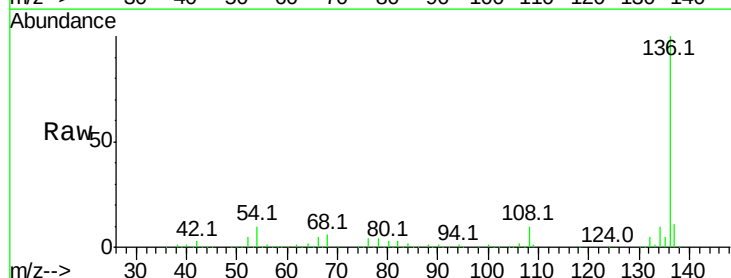
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.8 5.0 7.4#

68 5.6 4.4 6.6

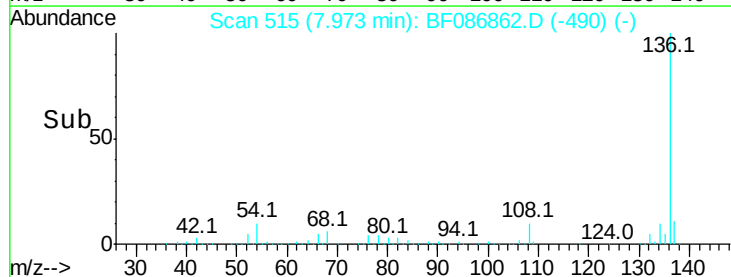
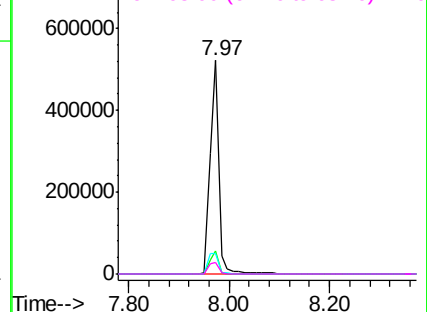


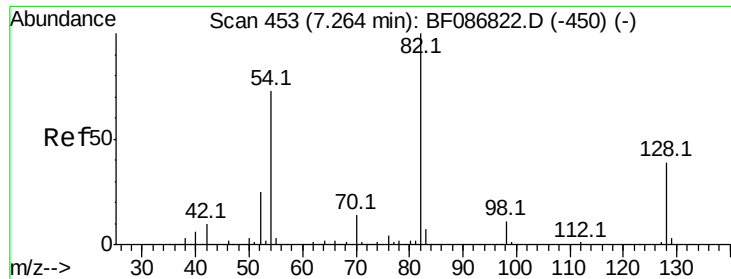
Abundance Ion 136.00 (135.70 to 136.70): E

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

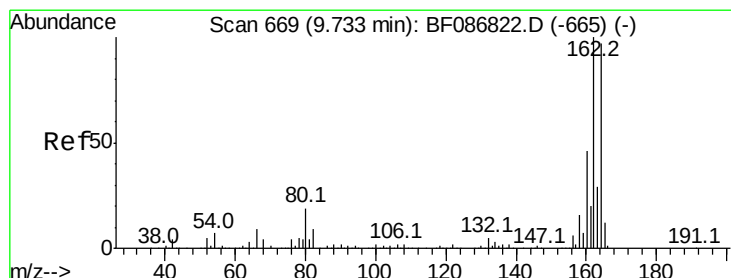
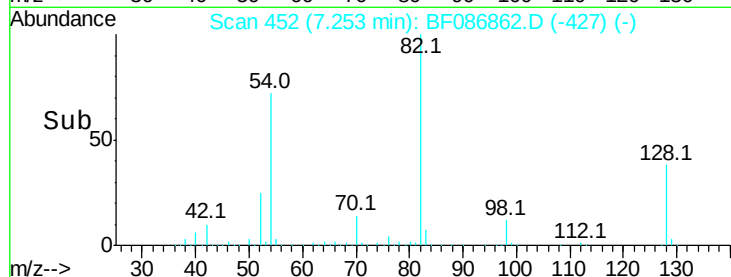
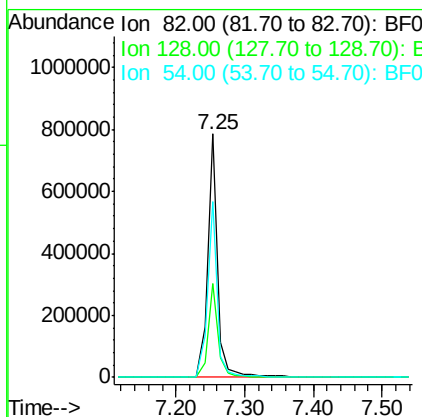
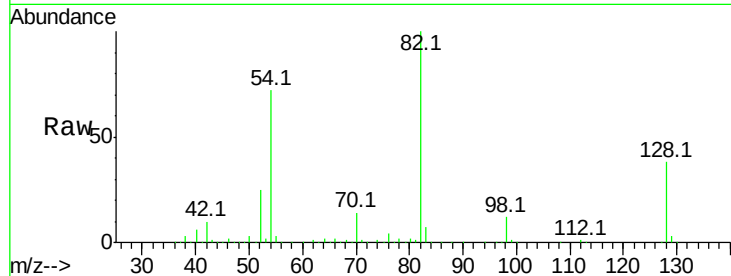




#23
 Nitrobenzene-d5
 Concen: 63.34 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

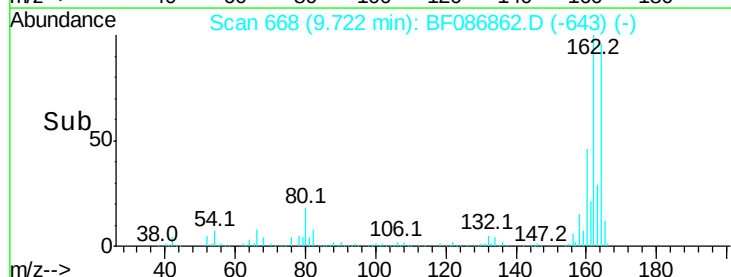
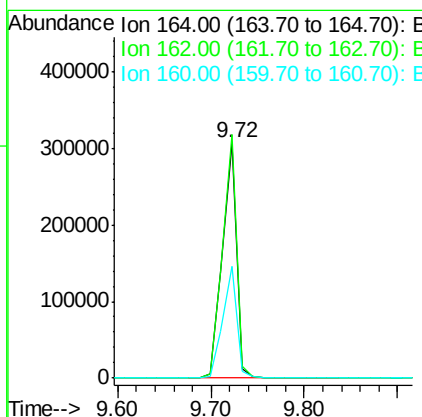
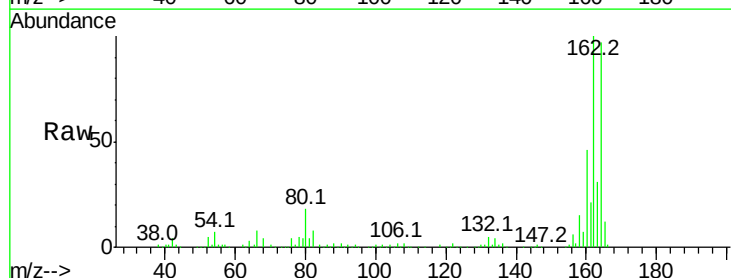
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-003

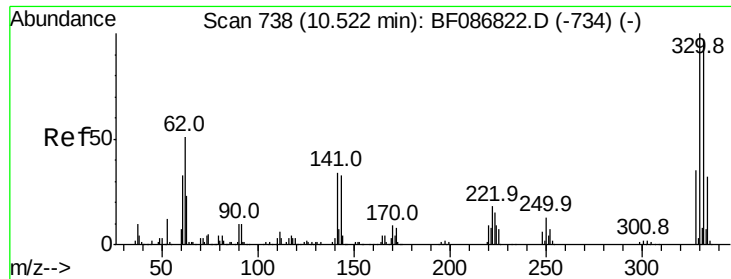
Tot Ion: 82 Resp: 791236
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 72.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

Tgt Ion: 164 Resp: 321208
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 47.8 36.9 55.3

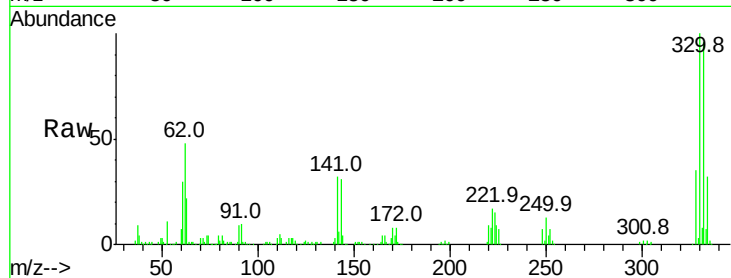




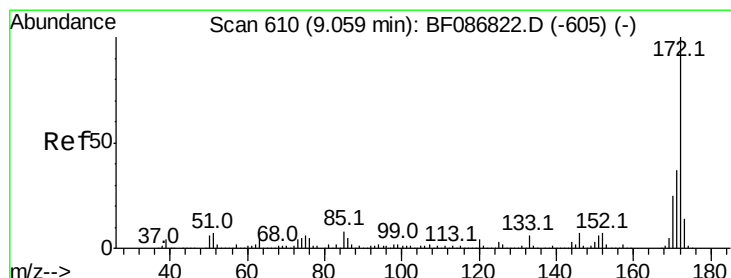
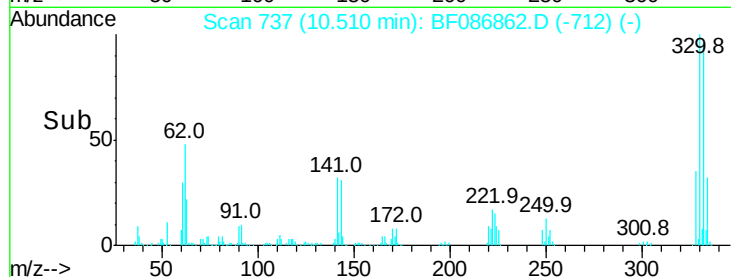
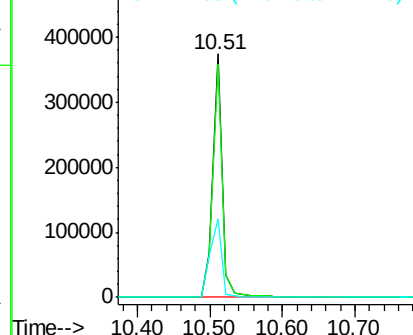
#41
 2,4,6-Tribromophenol
 Concen: 101.31 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-003

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	39.5	31.2	46.8

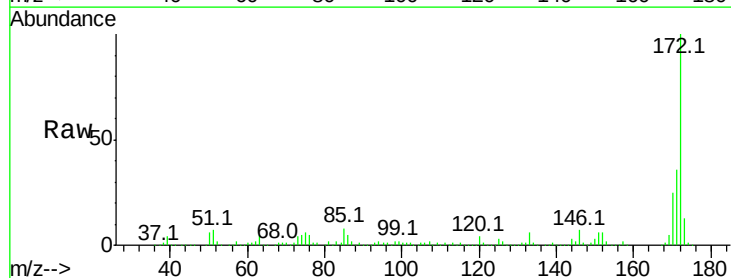


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

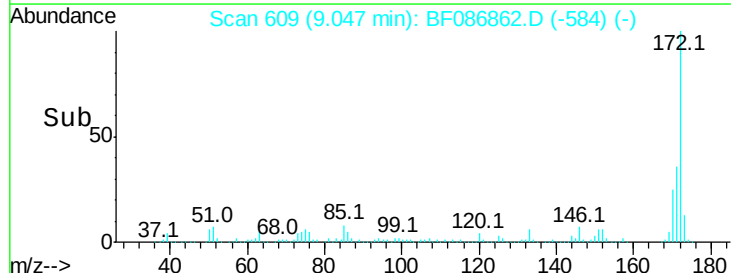
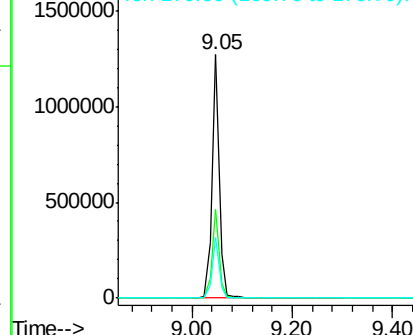


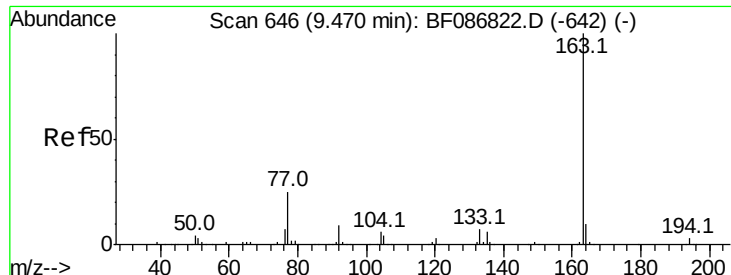
#44
 2-Fluorobiphenyl
 Concen: 66.70 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	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: 7.73 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

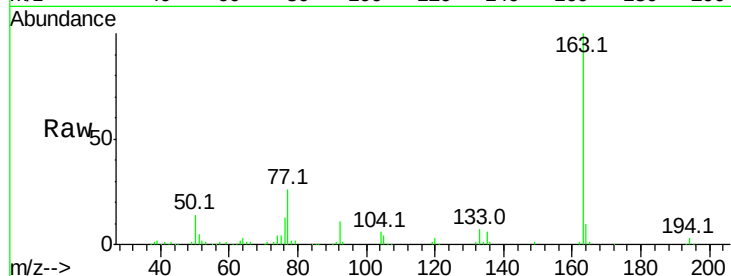
Tot Ion:163 Resp: 189396

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

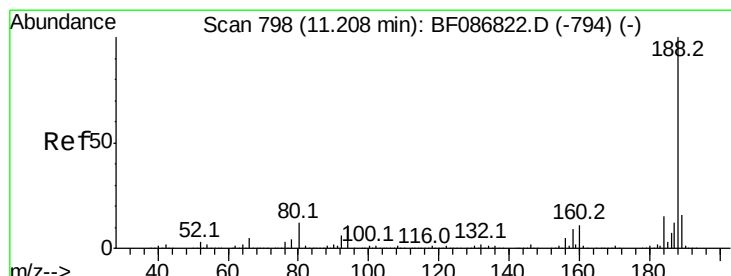
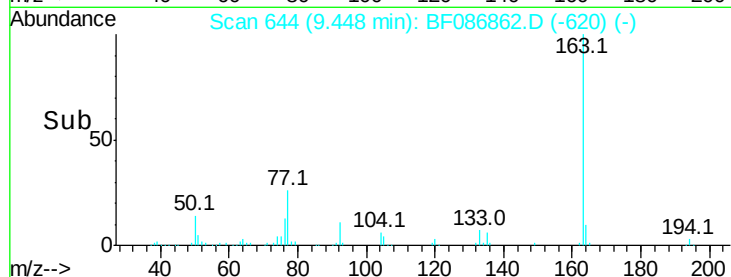
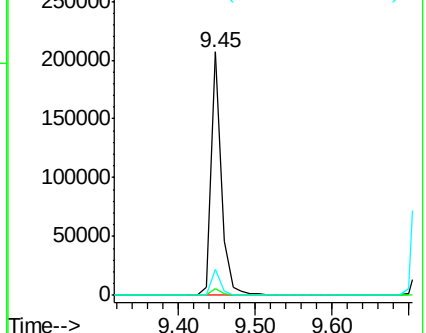
164 10.5 8.2 12.4



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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

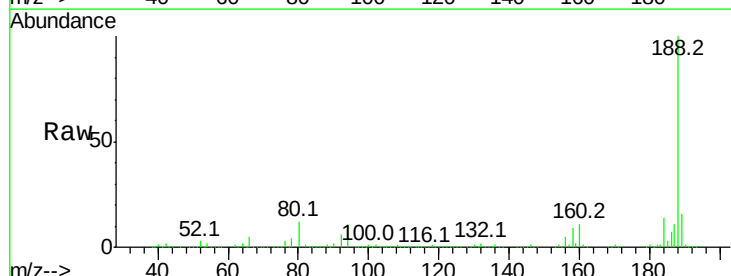
Tgt Ion:188 Resp: 605132

Ion Ratio Lower Upper

188 100

94 11.0 6.8 10.2#

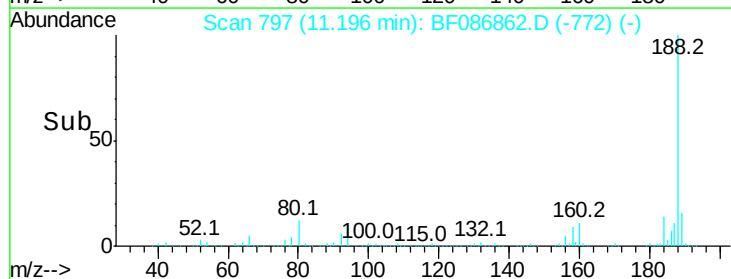
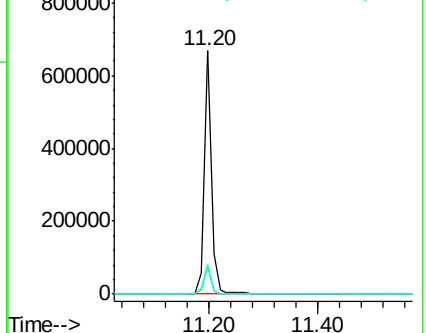
80 12.0 7.1 10.7#

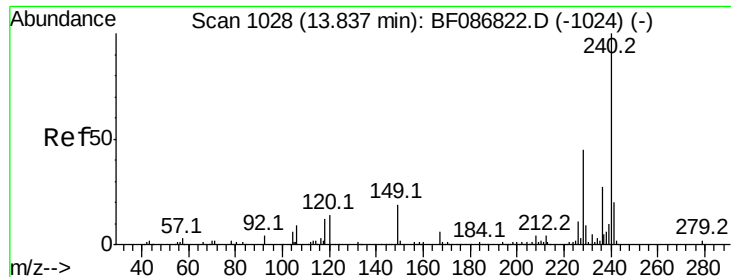


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Instrument :

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ClientSampleId :

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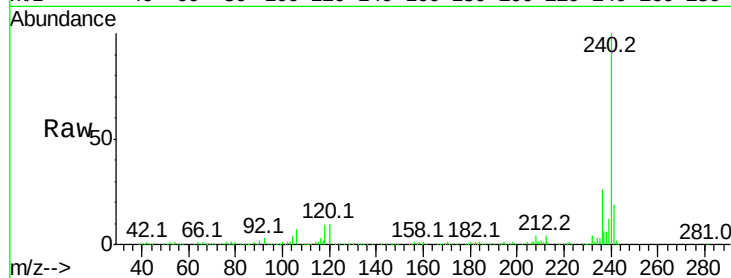
Tot Ion:240 Resp: 496064

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

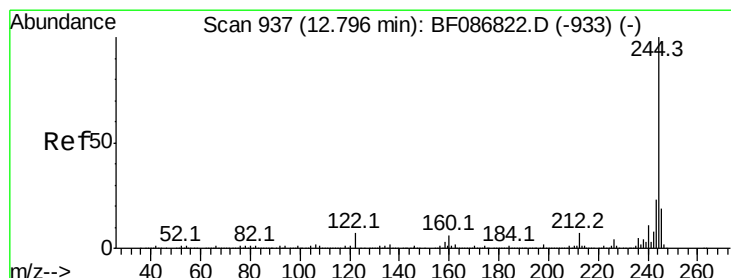
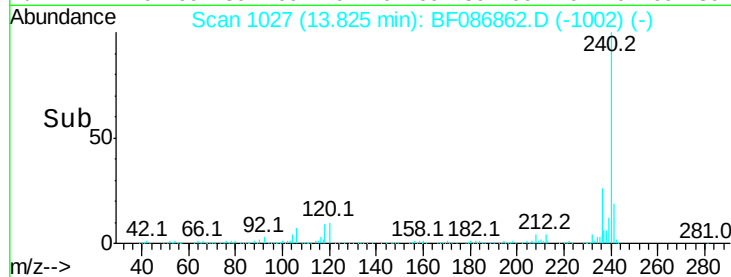
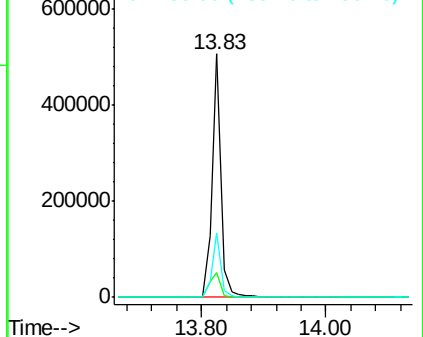
236 26.4 21.2 31.8



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: 58.47 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

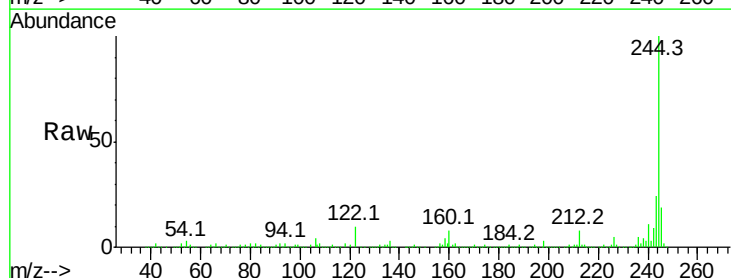
Tgt Ion:244 Resp: 1367084

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

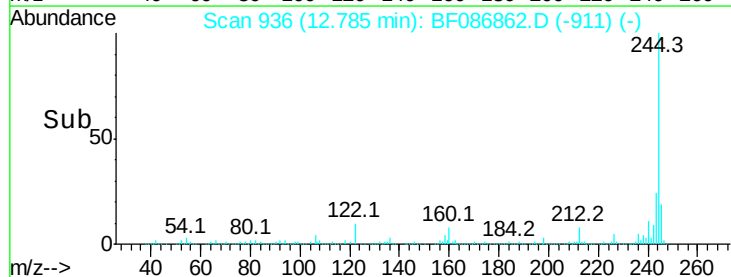
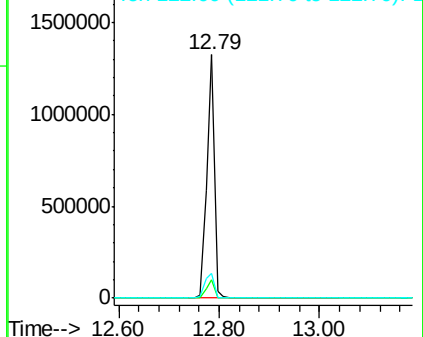
122 10.3 12.0 18.0#

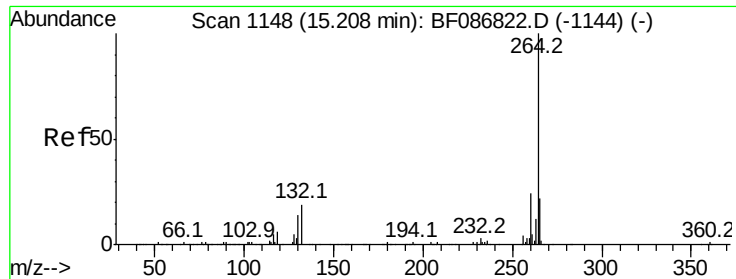


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-003

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	17.3	25.9

