

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 03:42:10 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

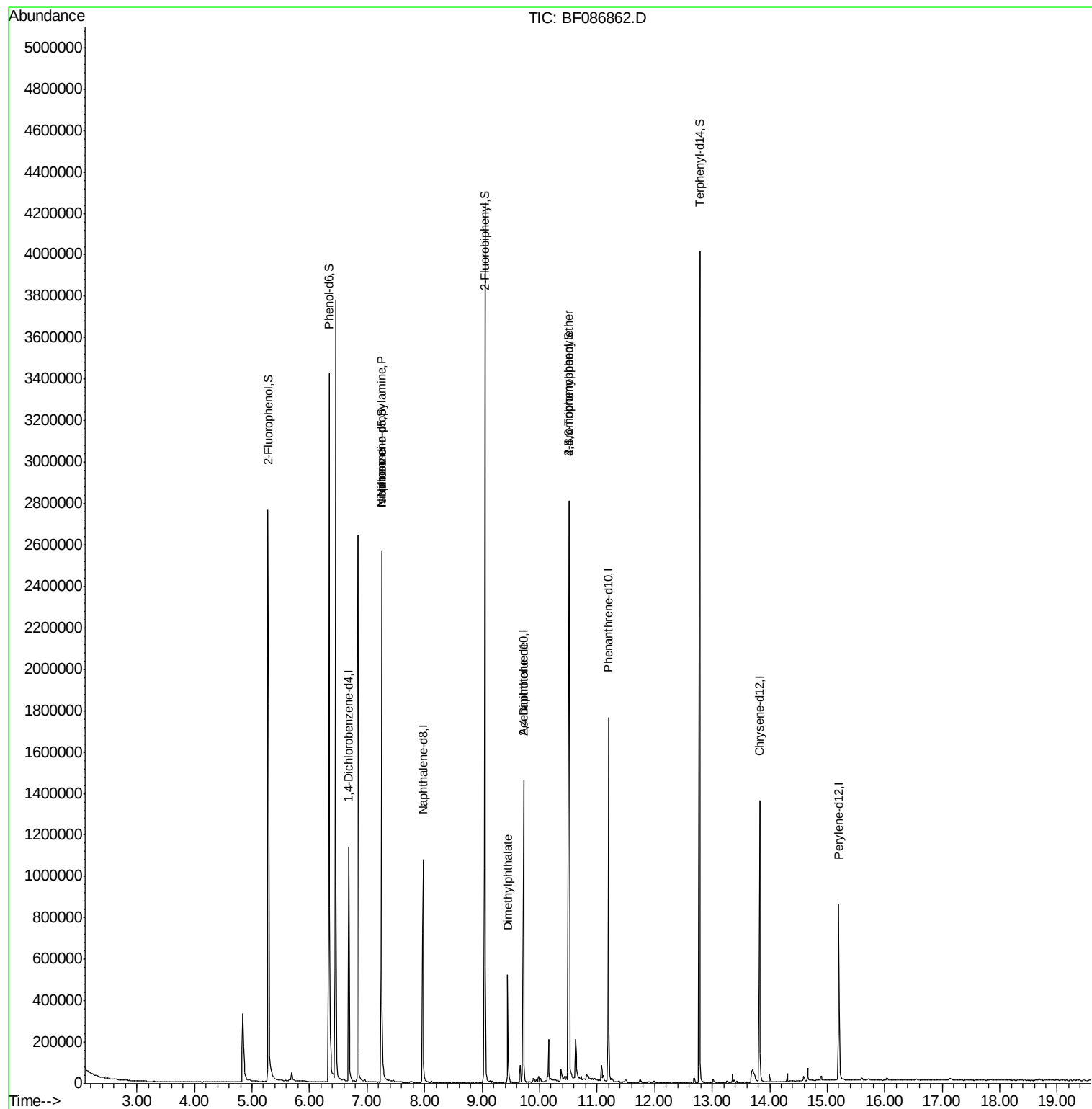
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	154653	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	627281	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	321208	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	605132	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	496064	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						
19) n-Nitroso-di-n-propylamine	7.25	70	109994	12.90	ng	# 69
25) Isophorone	7.25	82	662799	28.60	ng	# 68
49) Dimethylphthalate	9.45	163	189396	7.73	ng	99
56) 2,4-Dinitrotoluene	9.72	165	40093	6.28	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	22817	3.72	ng	# 1

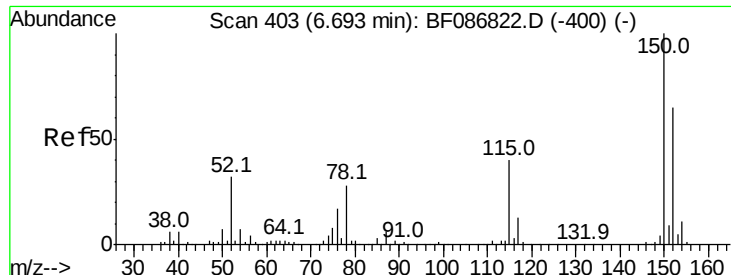
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

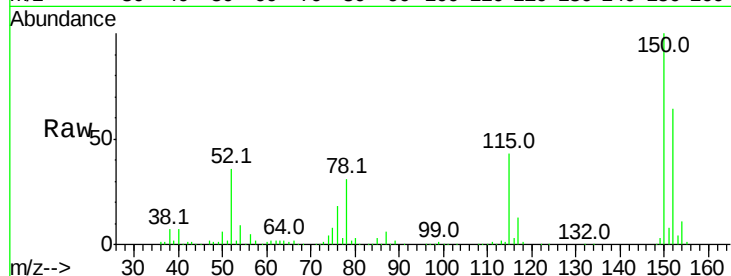
Tot Ion:152 Resp: 154653

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

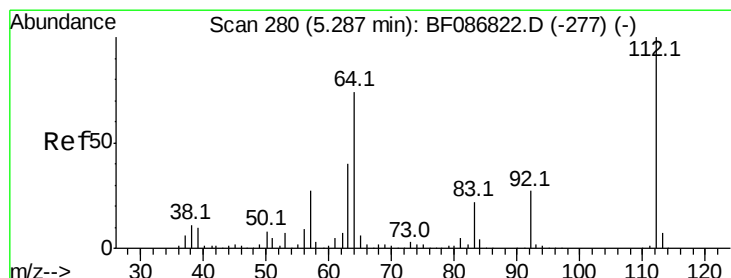
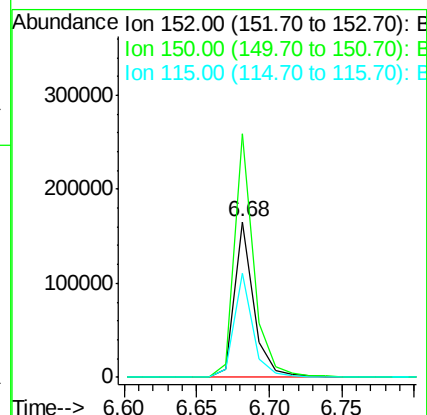
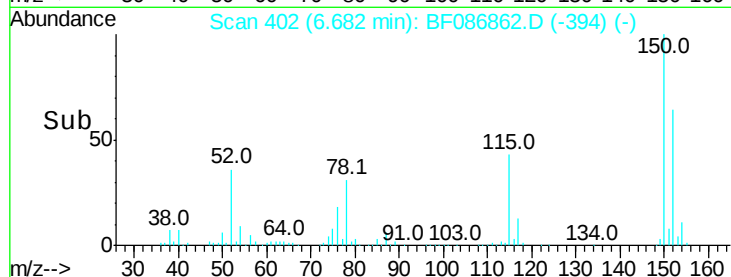
115 66.5 51.5 77.3



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

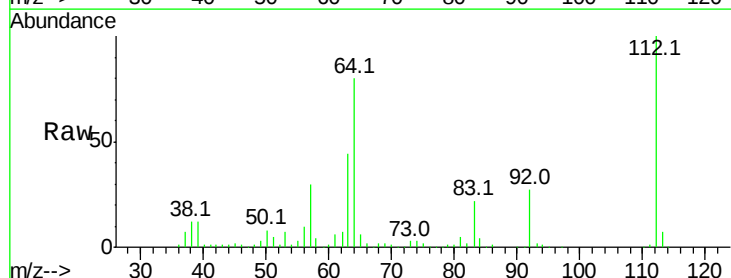
Tgt Ion:112 Resp: 921098

Ion Ratio Lower Upper

112 100

64 80.3 52.1 78.1#

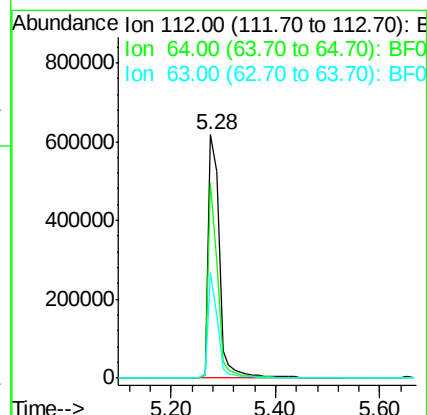
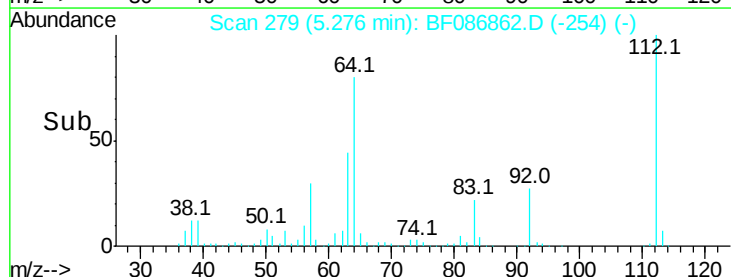
63 43.5 25.7 38.5#

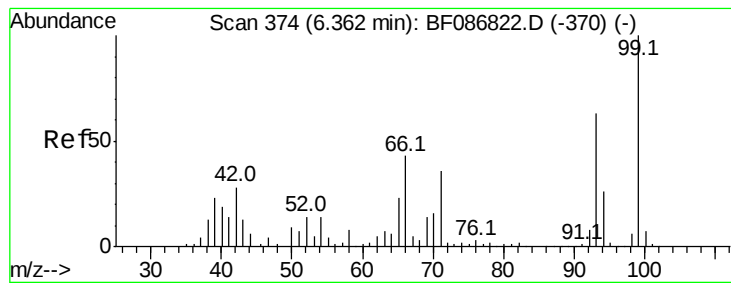


Abundance Ion 112.00 (111.70 to 112.70): E

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

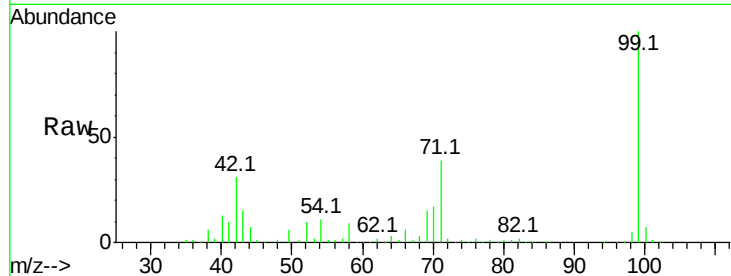
Tot Ion: 99 Resp: 1160422

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

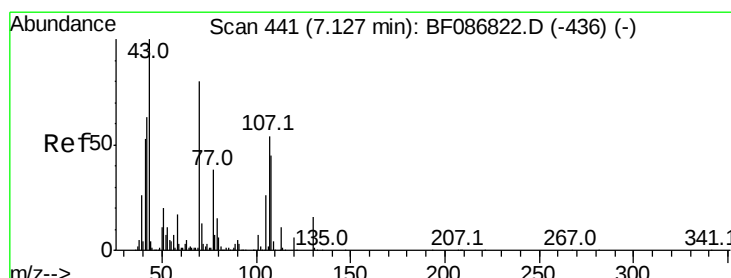
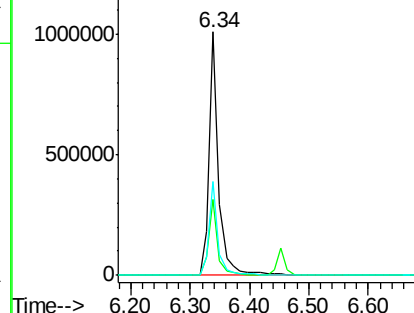
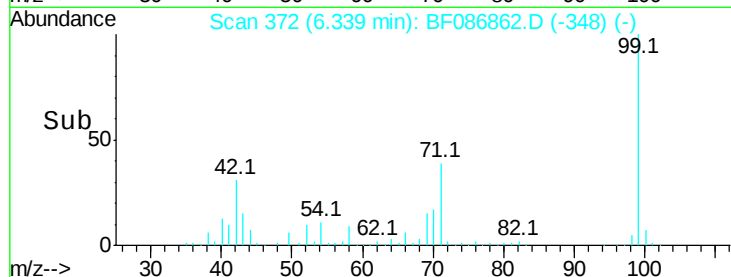
71 38.8 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.90 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.13 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Tgt Ion: 70 Resp: 109994

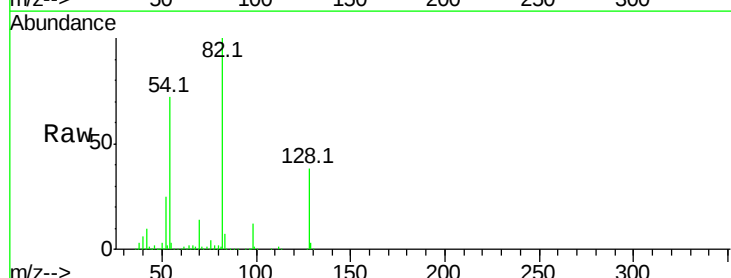
Ion Ratio Lower Upper

70 100

42 72.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

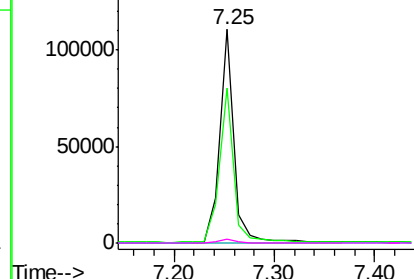
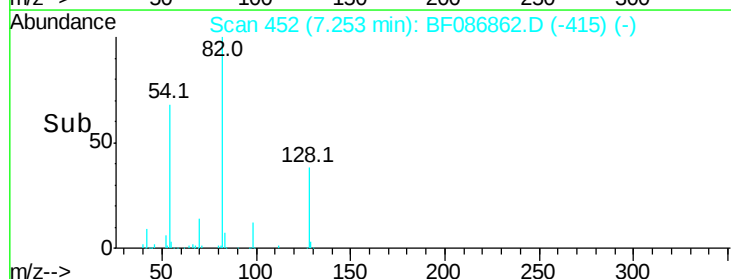


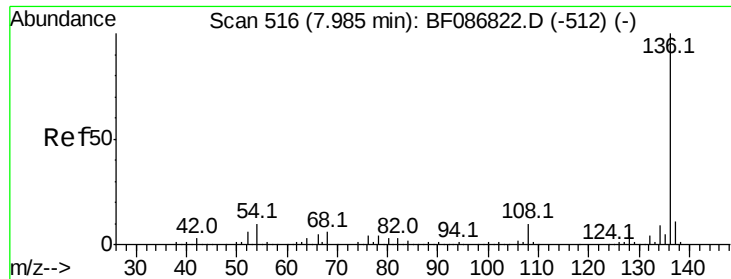
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

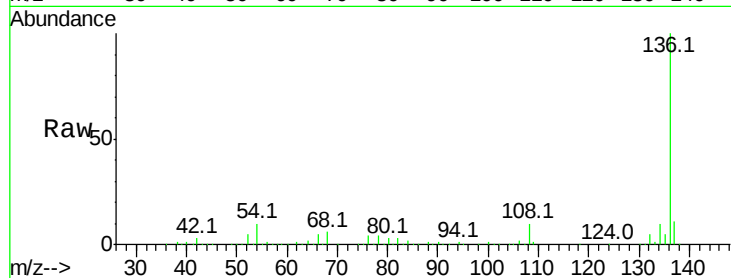




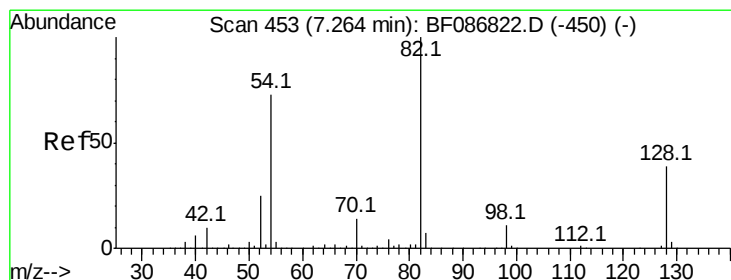
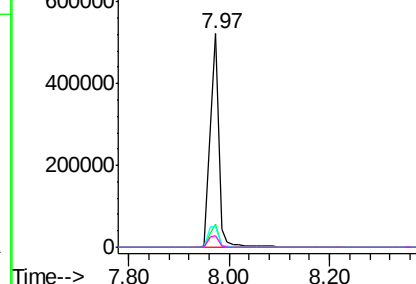
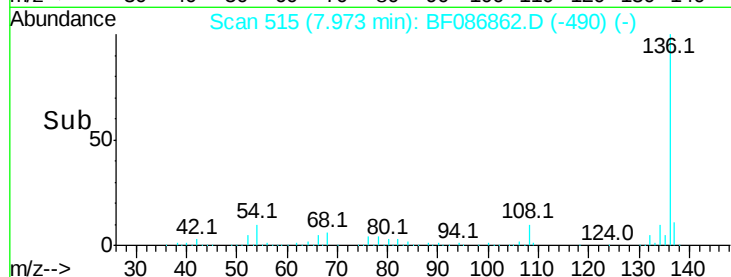
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086862.D
Acq: 10 May 2016 16:22

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

Tot 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

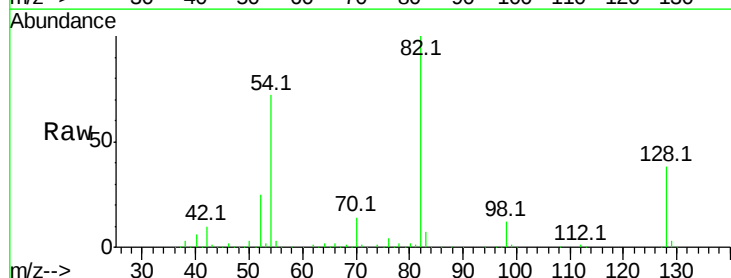


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

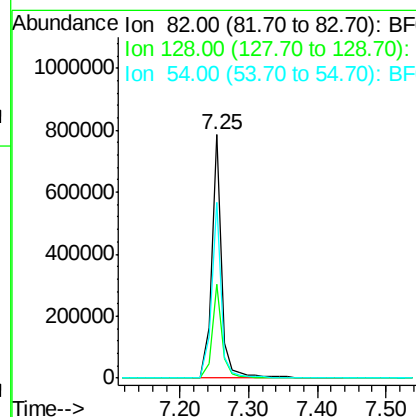
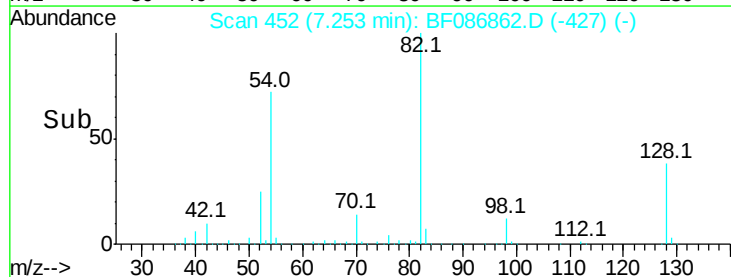


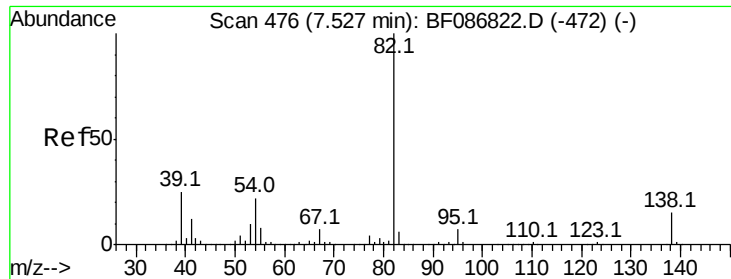
#23
Nitrobenzene-d5
Concen: 63.34 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086862.D
Acq: 10 May 2016 16:22

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



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.60 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.27 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

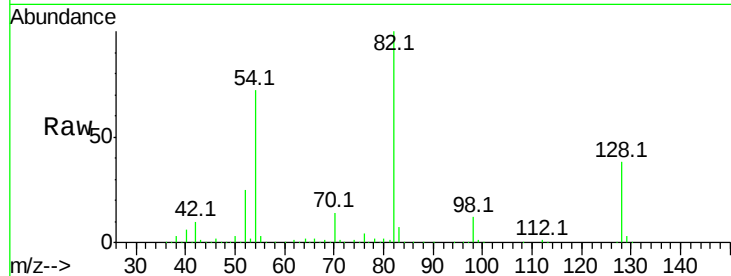
Tot Ion: 82 Resp: 662799

Ion Ratio Lower Upper

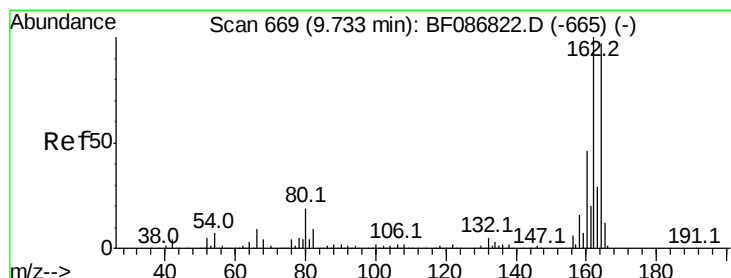
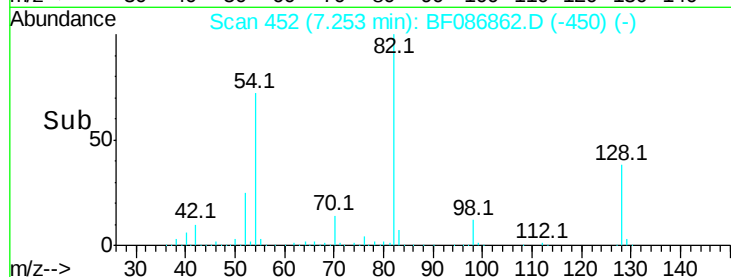
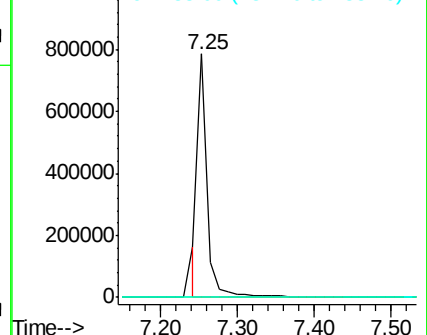
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#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

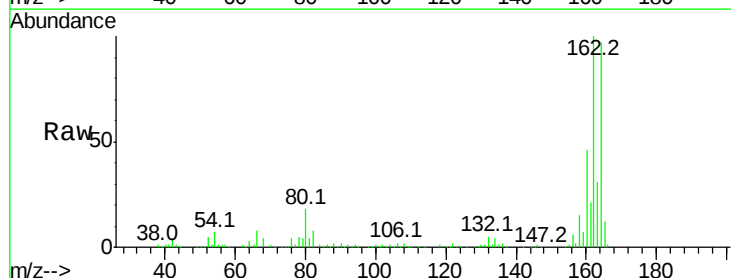
Tgt Ion:164 Resp: 321208

Ion Ratio Lower Upper

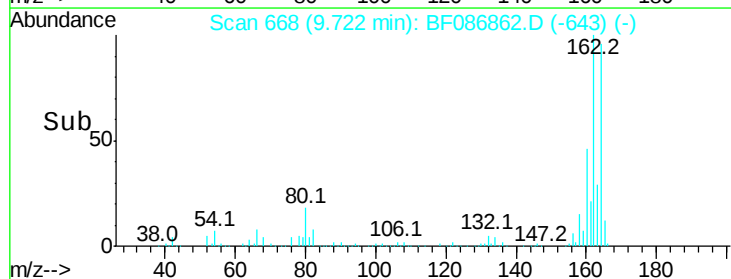
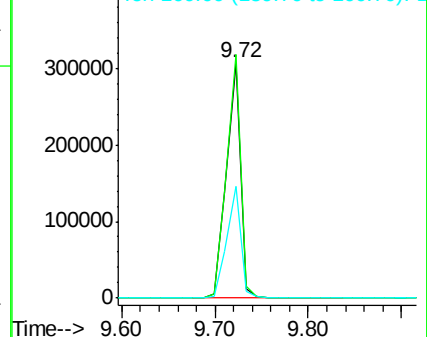
164 100

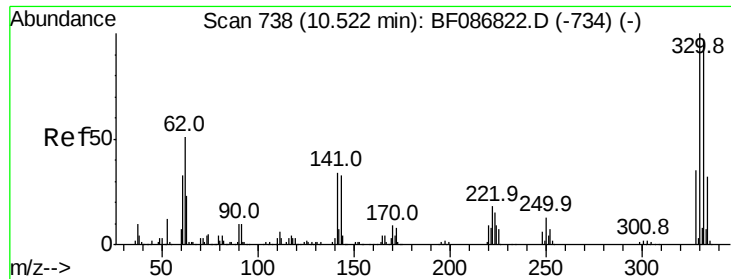
162 103.6 82.8 124.2

160 47.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

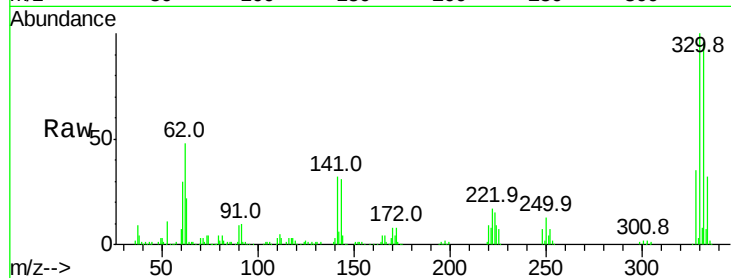




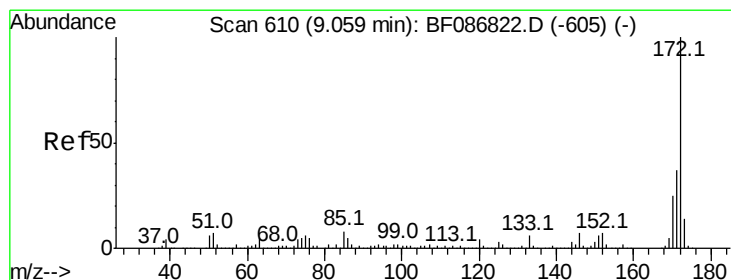
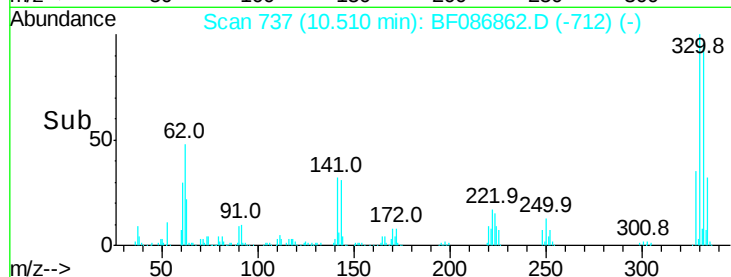
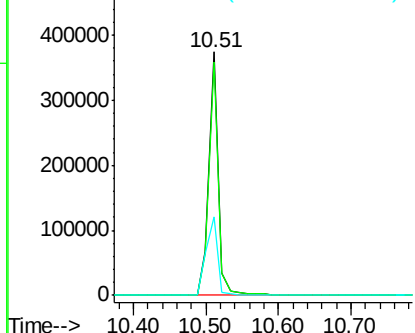
#41
 2,4,6-Tribromophenol
 Concen: 101.31 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

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

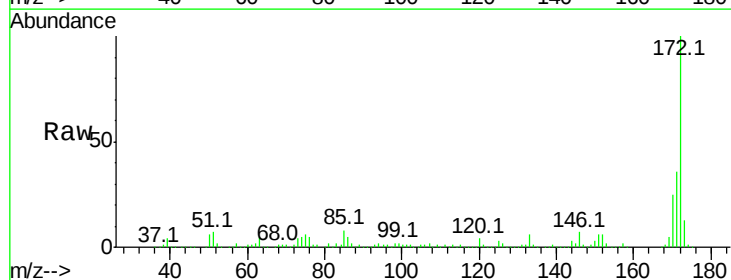


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

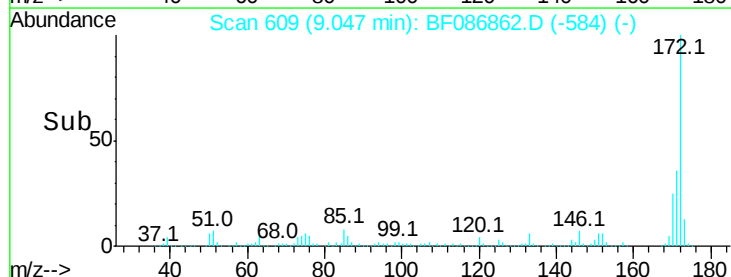
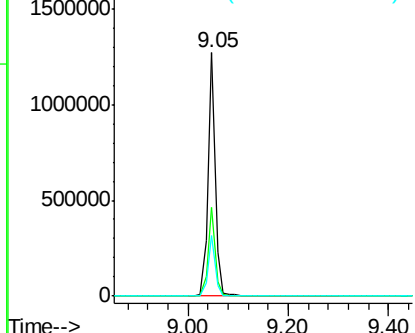


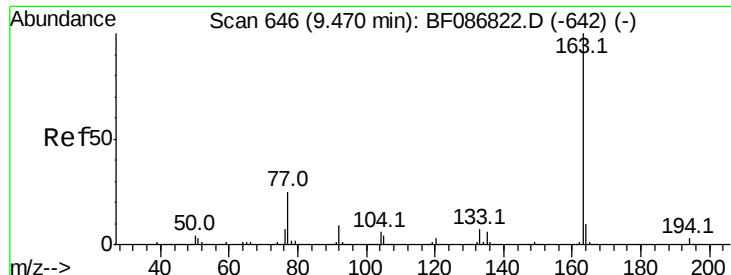
#44
 2-Fluorobiphenyl
 Concen: 66.70 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

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

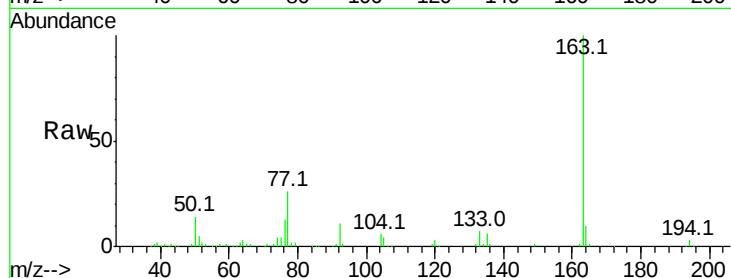
Tot Ion:163 Resp: 189396

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

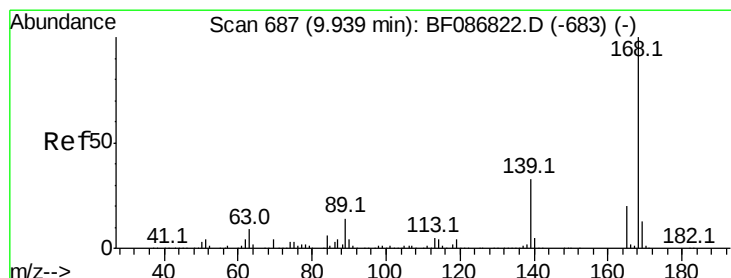
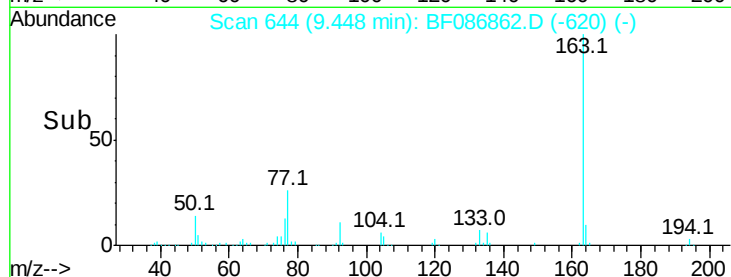
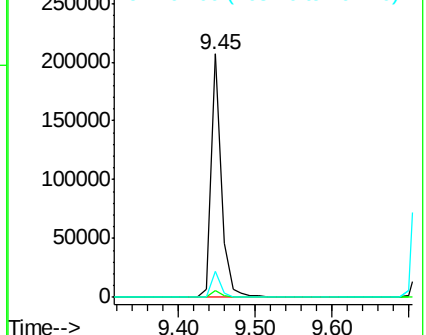
164 10.5 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

Tgt Ion:165 Resp: 40093

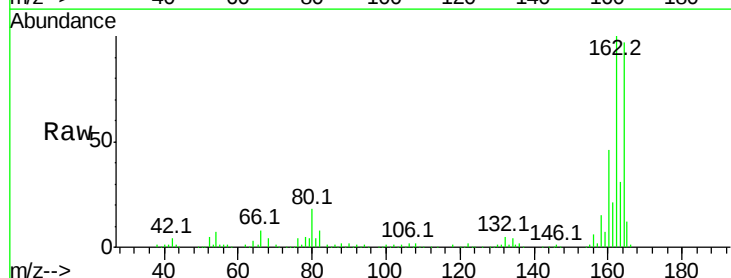
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 2.2 70.0 105.0#

182 0.0 1.8 2.6#

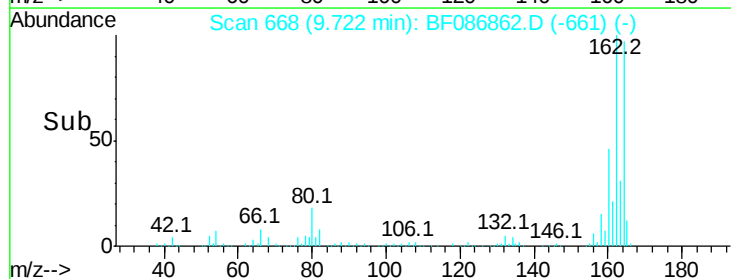
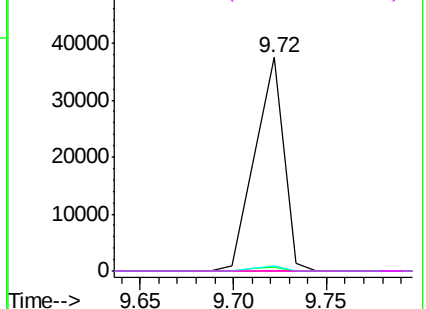


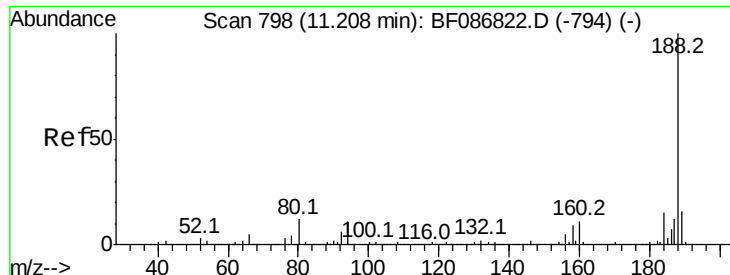
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

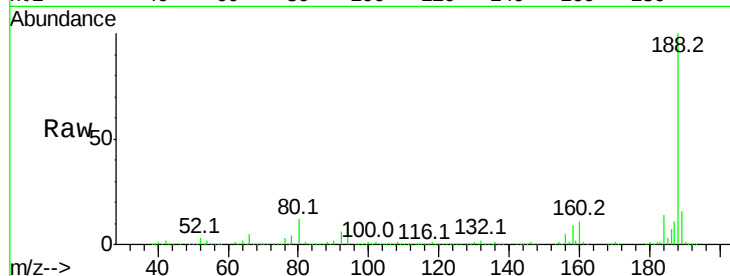
Tot Ion:188 Resp: 605132

Ion Ratio Lower Upper

188 100

94 11.0 6.8 10.2#

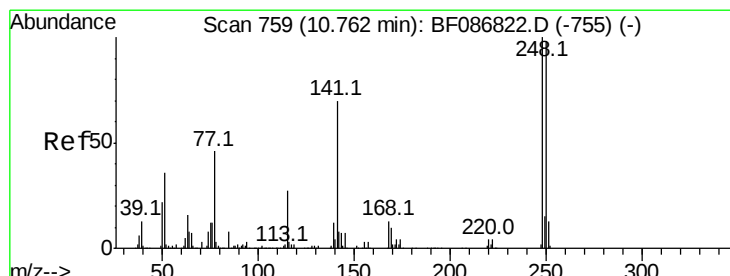
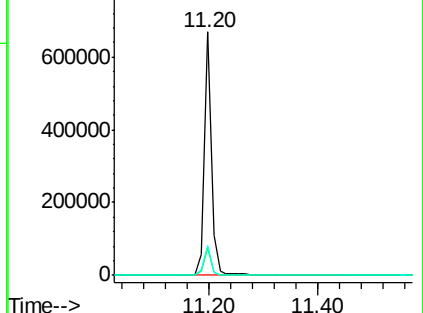
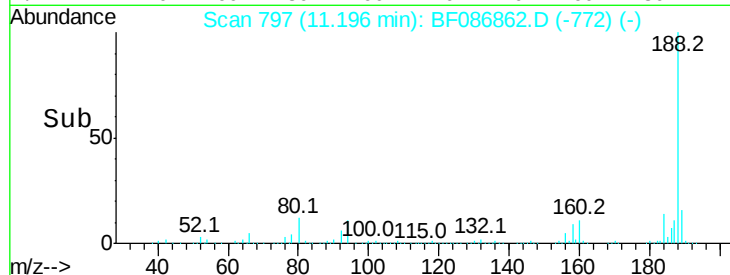
80 12.0 7.1 10.7#



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



#66

4-Bromophenyl-phenylether

Concen: 3.72 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF086862.D

Acq: 10 May 2016 16:22

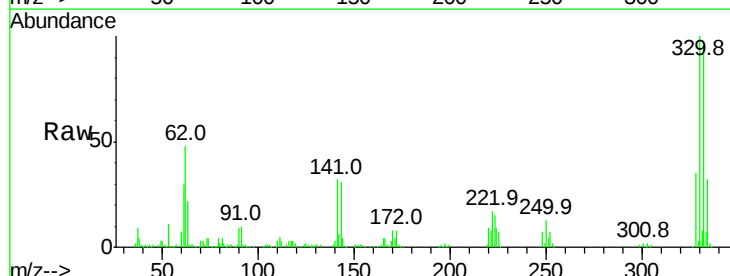
Tgt Ion:248 Resp: 22817

Ion Ratio Lower Upper

248 100

250 195.0 78.6 117.8#

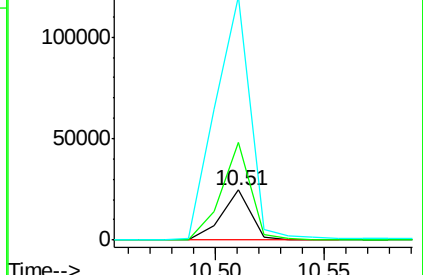
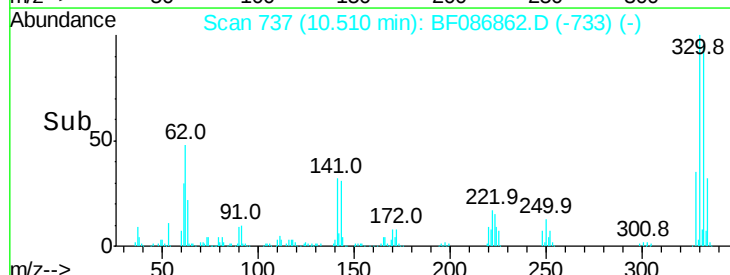
141 488.9 76.0 114.0#

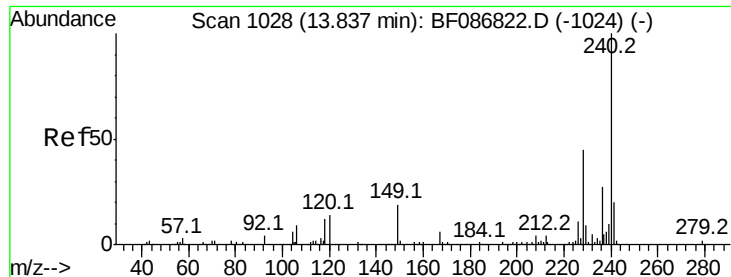


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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 :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-003

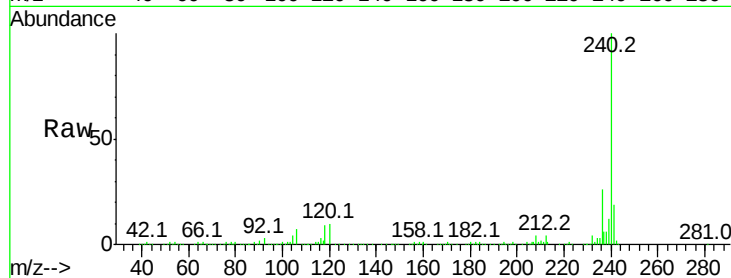
Tot Ion:240 Resp: 496064

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

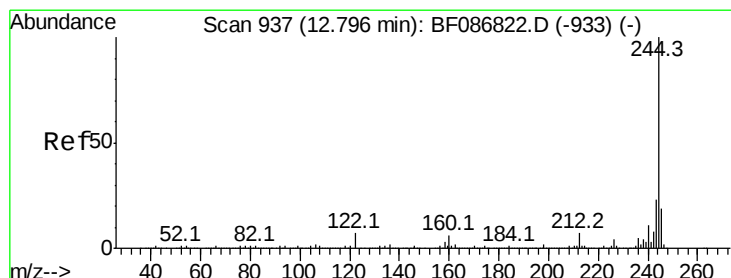
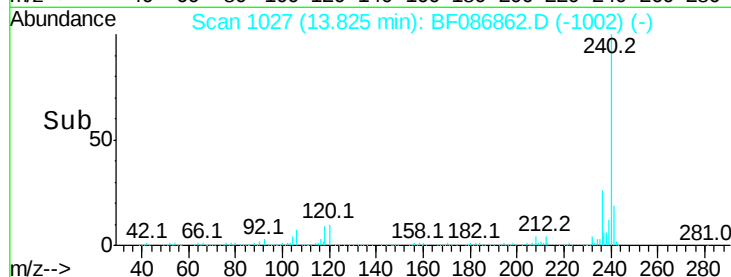
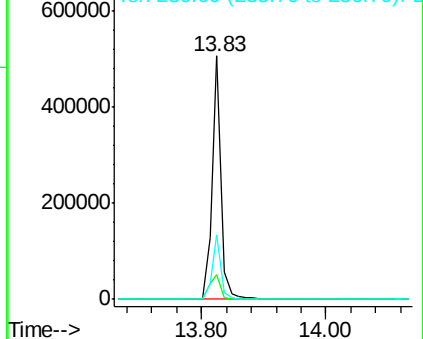
236 26.4 21.2 31.8



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

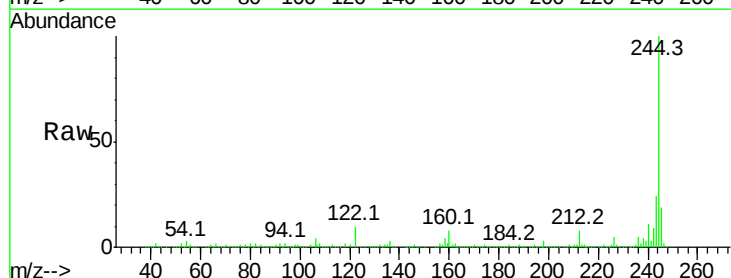
Tgt Ion:244 Resp: 1367084

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

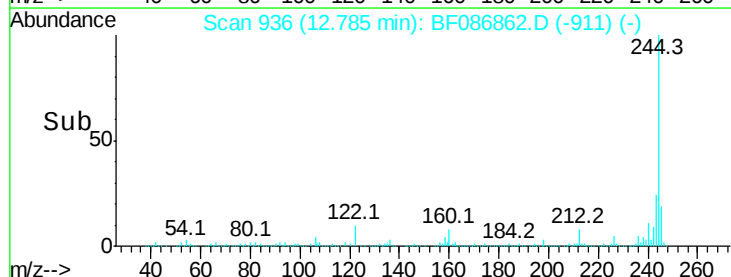
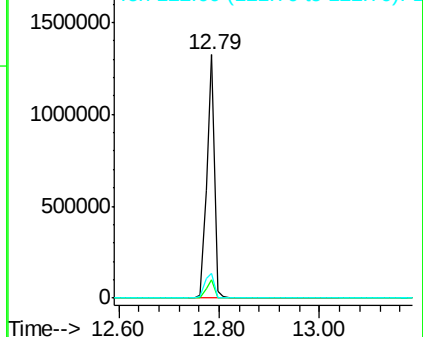
122 10.3 12.0 18.0#

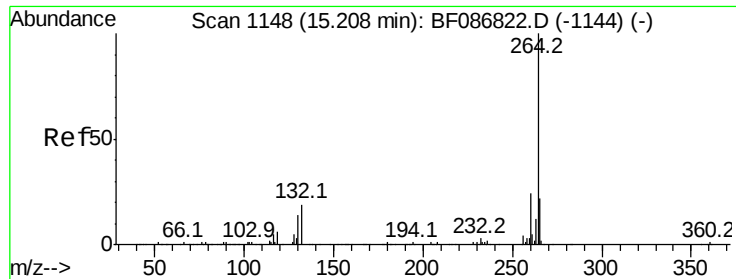


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

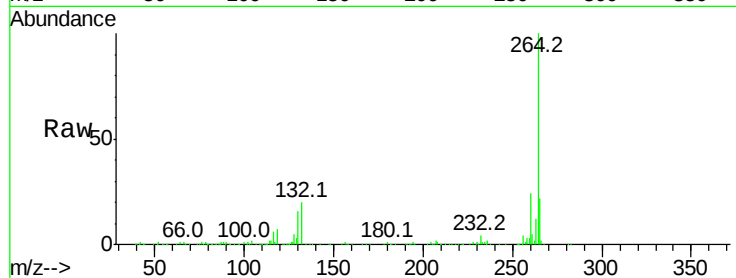




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086862.D
 Acq: 10 May 2016 16:22

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

Tot Ion:	264	Resp:	380089
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	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

