

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 00:47:36 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

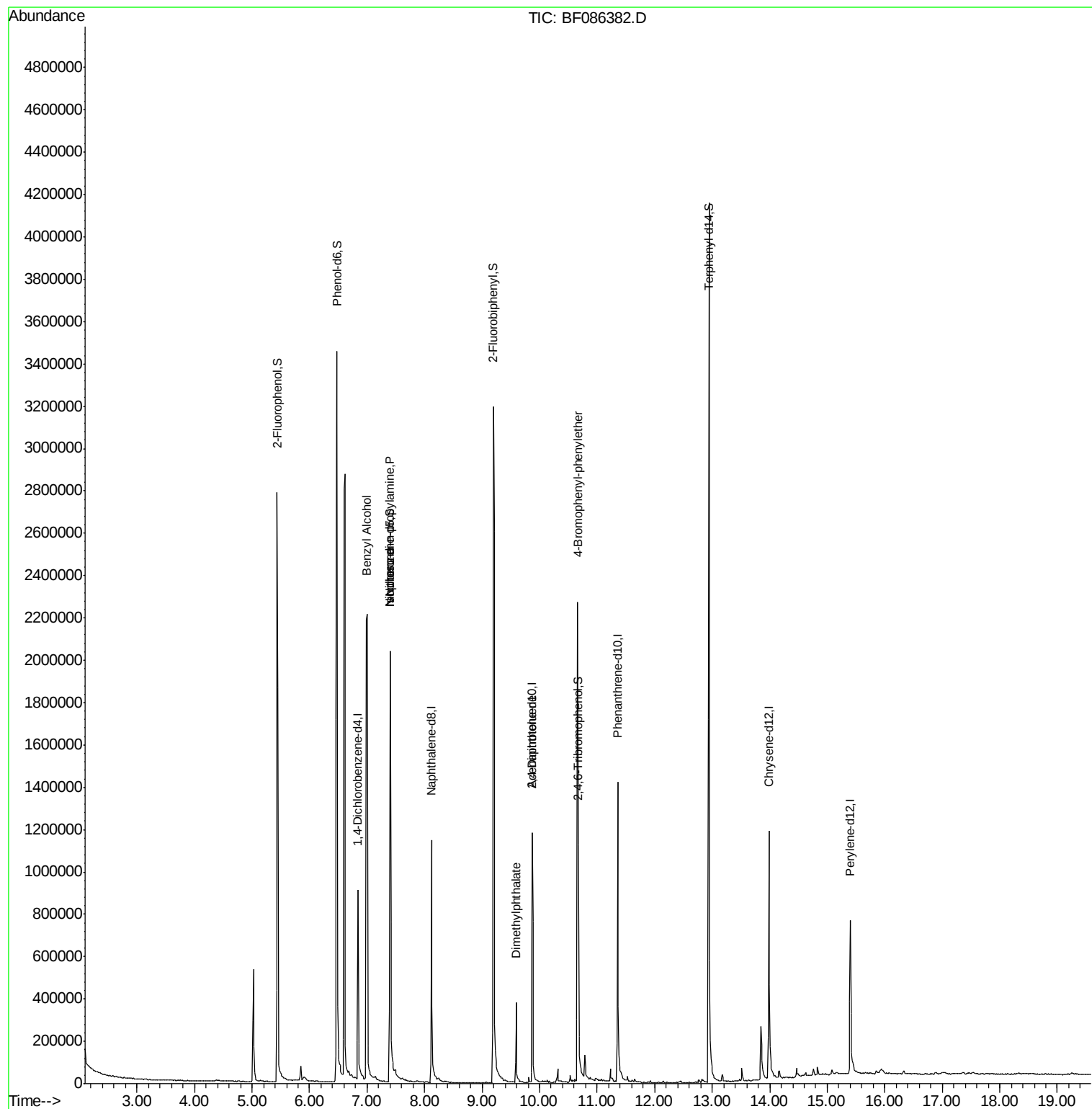
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165721	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	699504	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	327973	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	663636	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	539430	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						
15) Benzyl Alcohol	6.99	79	15637	2.02	ng	# 44
19) n-Nitroso-di-n-propylamine	7.40	70	120481	15.45	ng	# 82
25) Isophorone	7.40	82	956574	41.34	ng	# 68
49) Dimethylphthalate	9.60	163	192629	8.13	ng	100
56) 2,4-Dinitrotoluene	9.87	165	40760	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	22216	3.42	ng	# 1

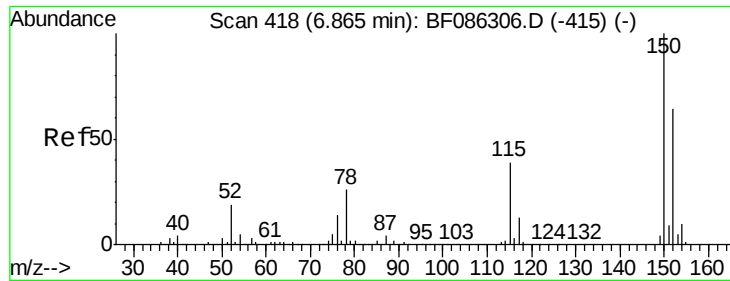
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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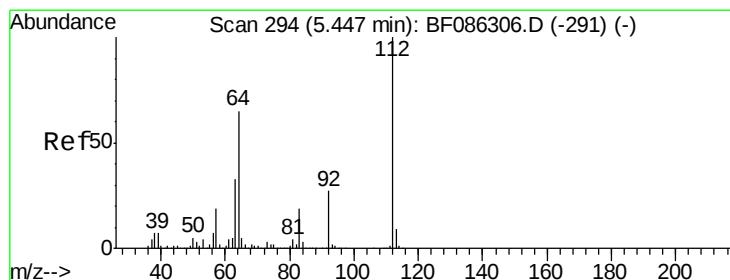
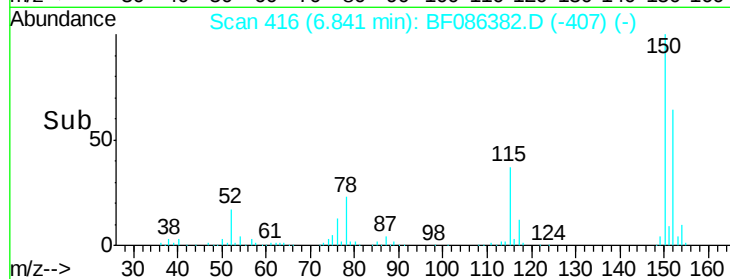
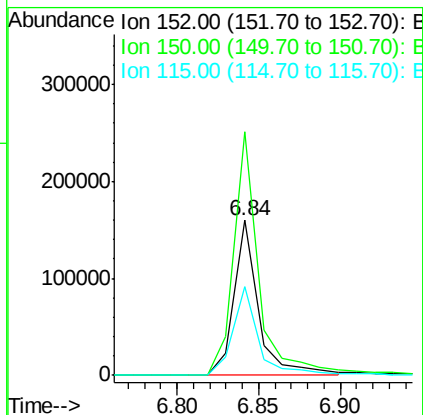
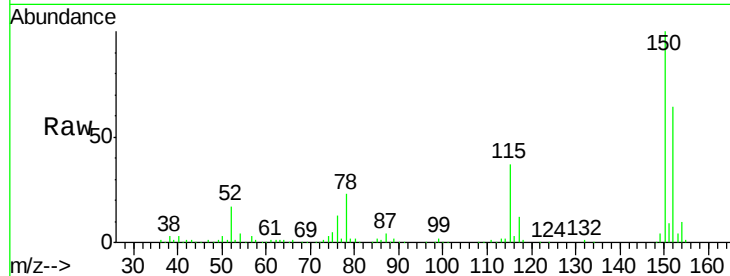


#1

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

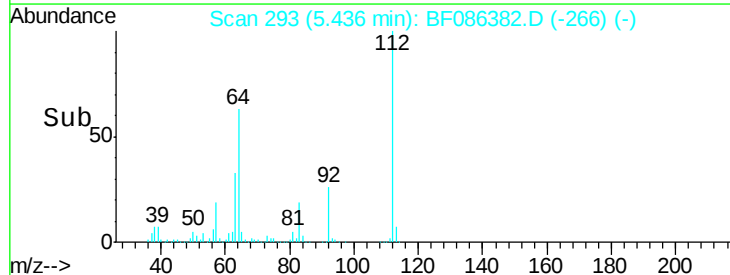
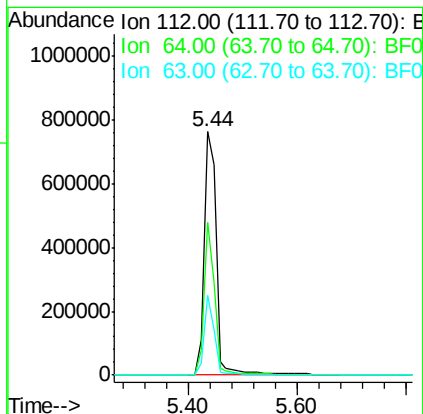
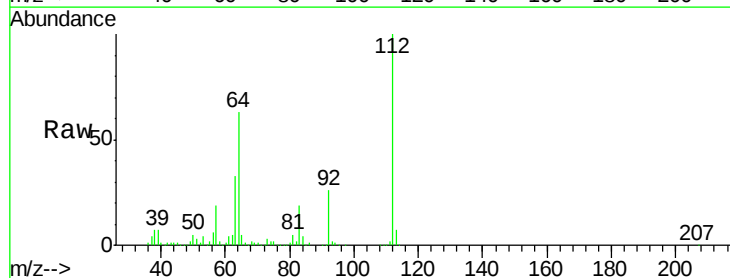
Tgt Ion:152 Resp: 165721
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 57.5 51.5 77.3

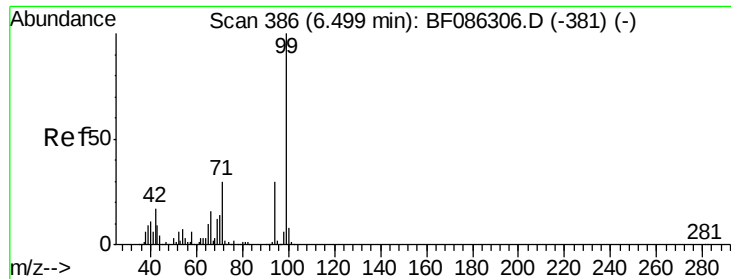


#5

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





#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 :

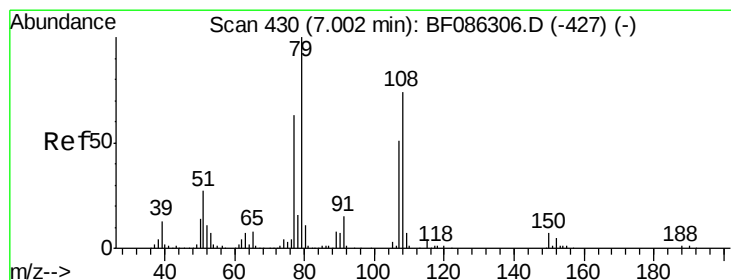
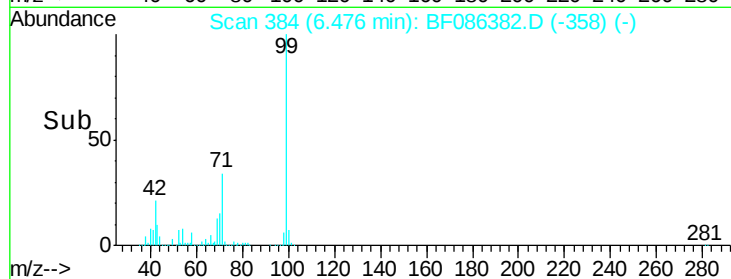
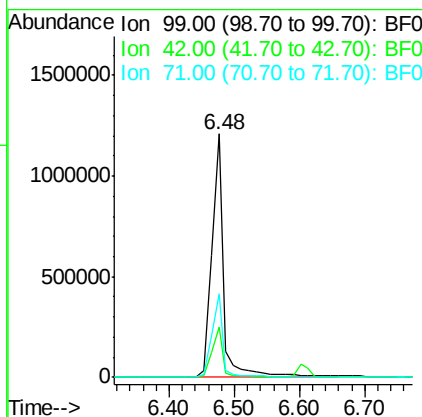
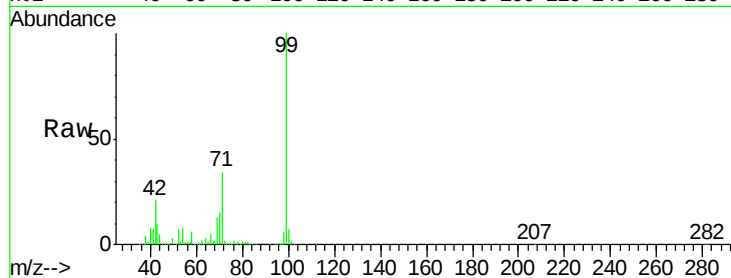
BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001

Tgt Ion: 99 Resp: 1551800

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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.99 min Scan# 429

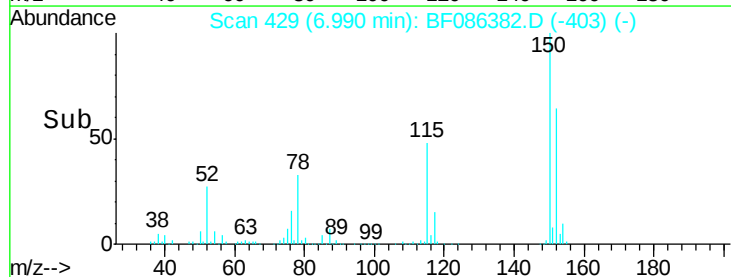
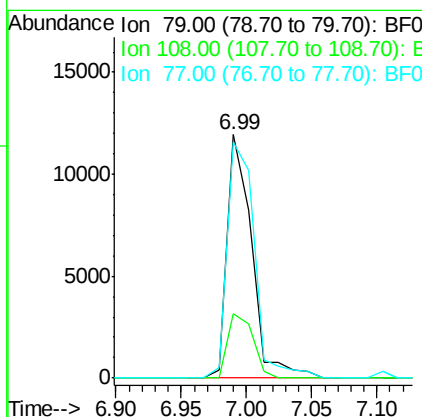
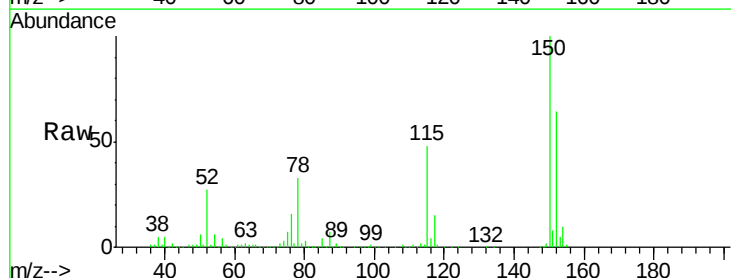
Delta R.T. 0.00 min

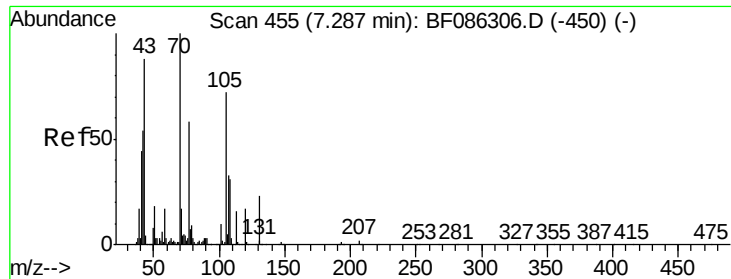
Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Tgt Ion: 79 Resp: 15637

Ion	Ratio	Lower	Upper
79	100		
108	26.2	68.4	102.6#
77	96.9	50.6	76.0#

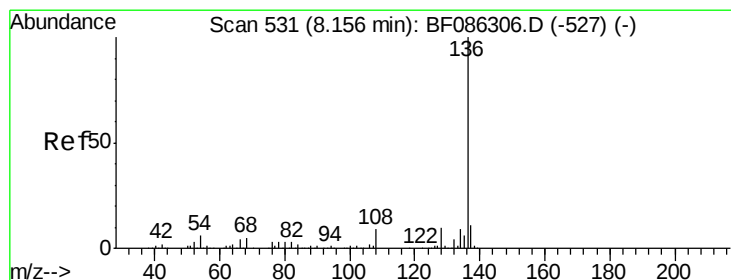
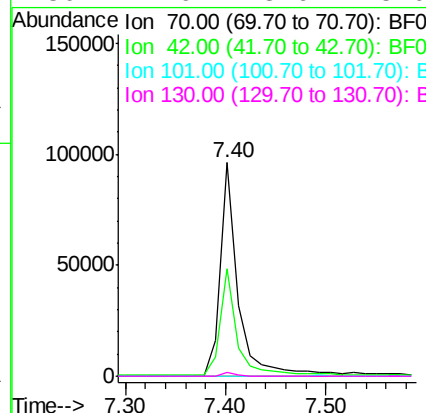
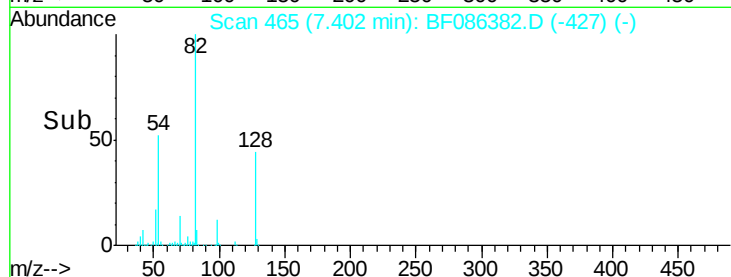
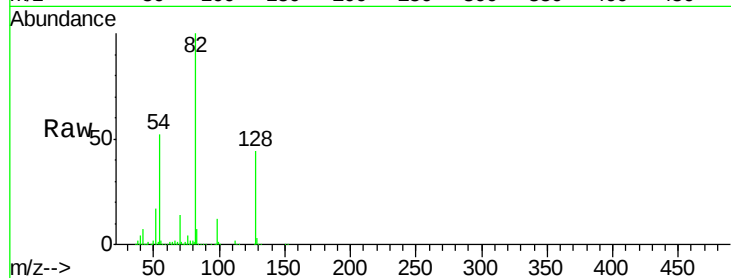




#19
n-Nitroso-di-n-propylamine
Concen: 15.45 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

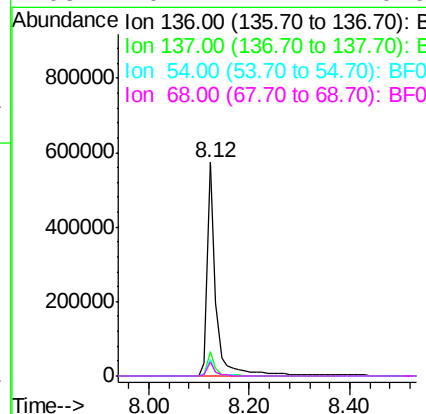
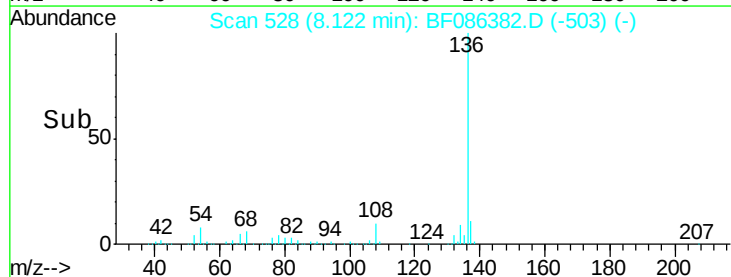
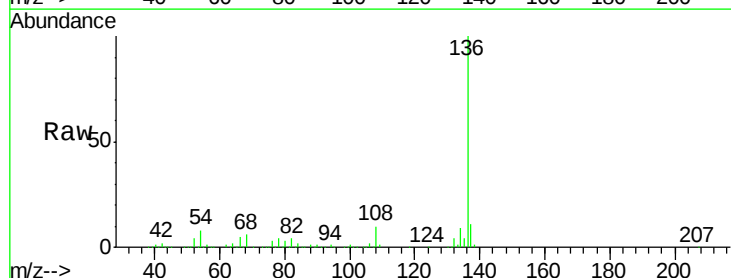
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001

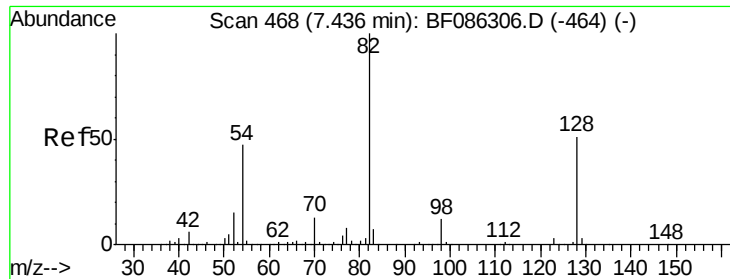
Tgt Ion: 70 Resp: 120481
Ion Ratio Lower Upper
70 100
42 50.2 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#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

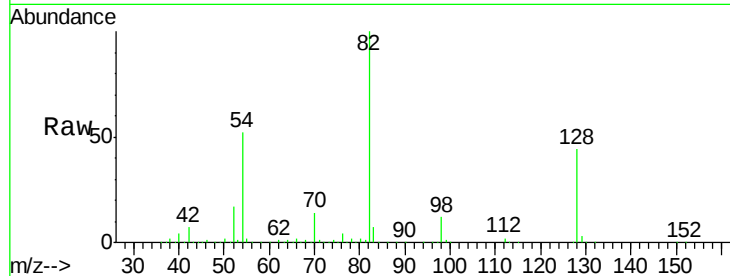
Tgt Ion: 82 Resp: 944906

Ion Ratio Lower Upper

82 100

128 43.6 40.6 61.0

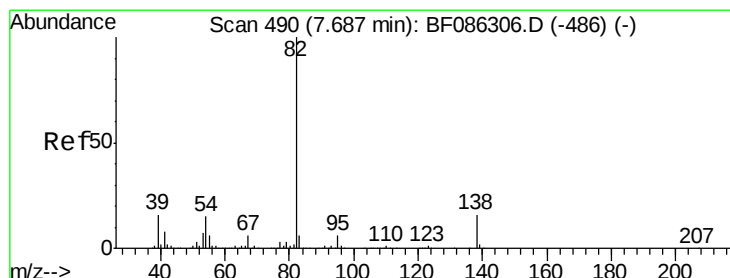
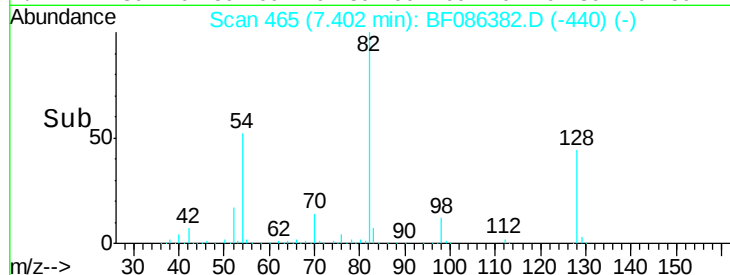
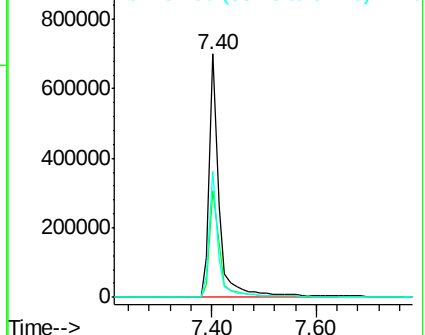
54 51.7 38.1 57.1



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



#25

Isophorone

Concen: 41.34 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

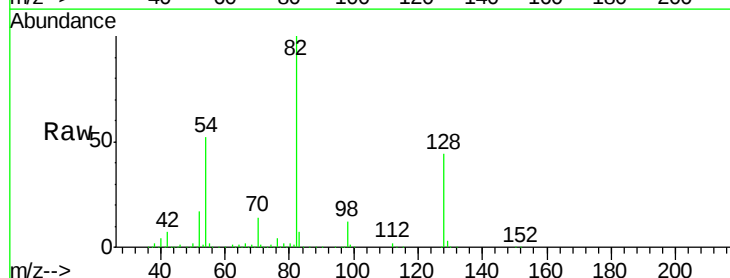
Tgt Ion: 82 Resp: 956574

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

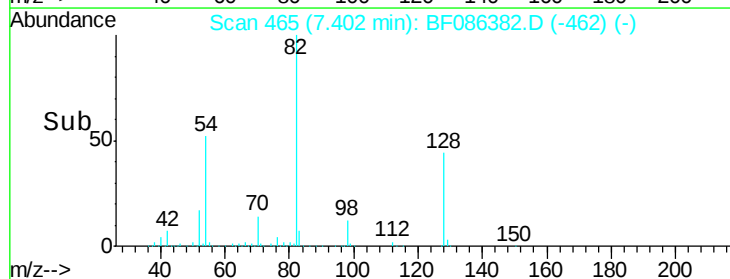
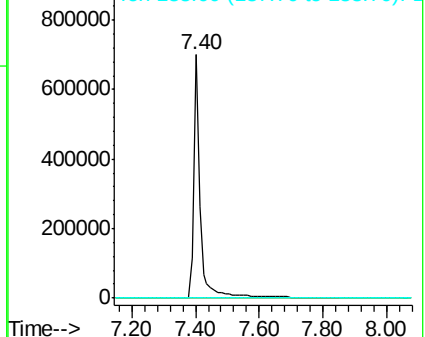
138 0.0 12.4 18.6#

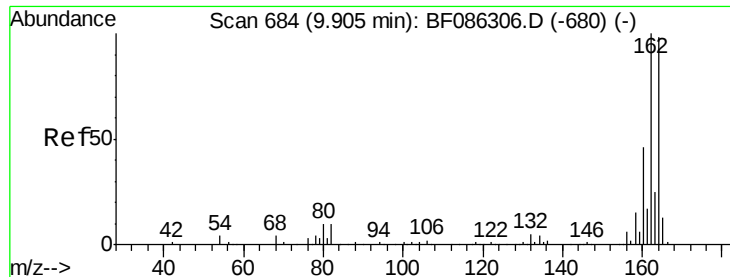


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086382.D

Acq: 23 Apr 2016 10:42

Instrument :

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ClientSampleId :

CEDAR-HILL-TF-PS-001

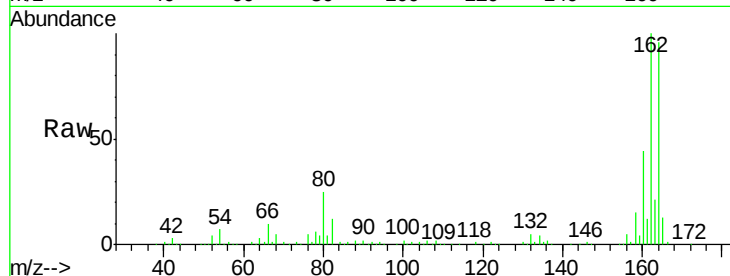
Tgt Ion:164 Resp: 327973

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

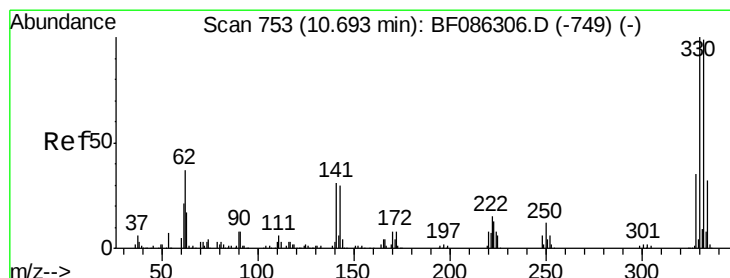
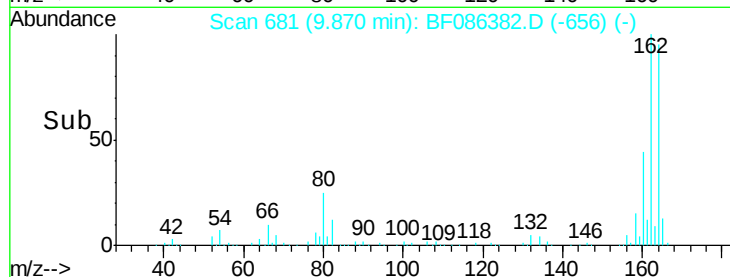
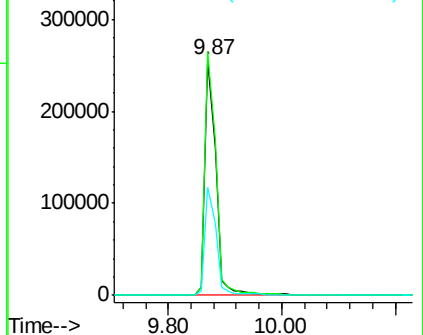
160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

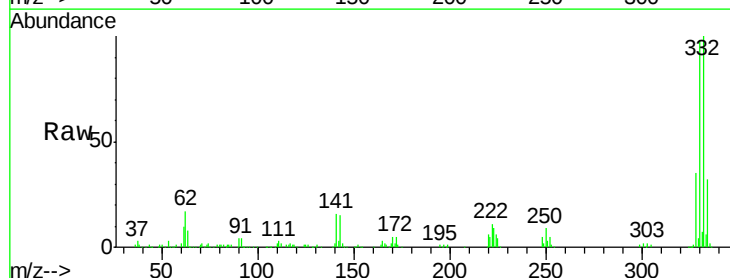
Tgt Ion:330 Resp: 365616

Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

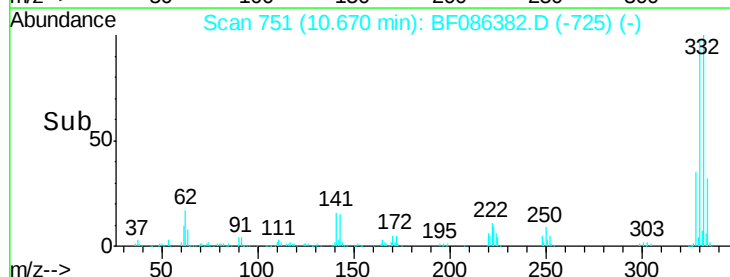
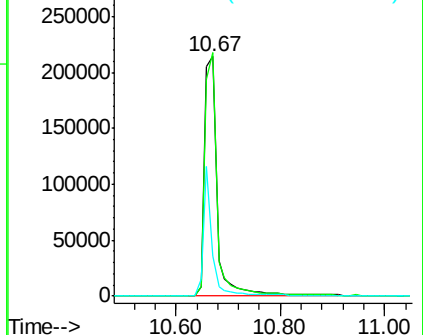
141 38.0 31.2 46.8

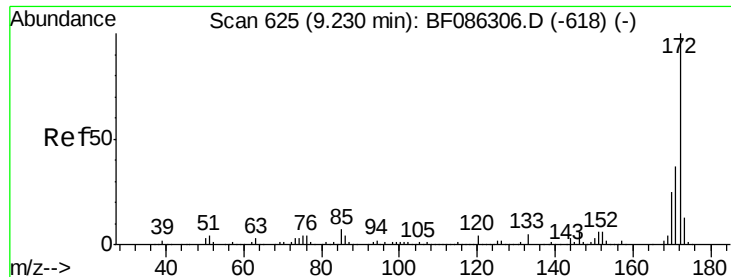


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

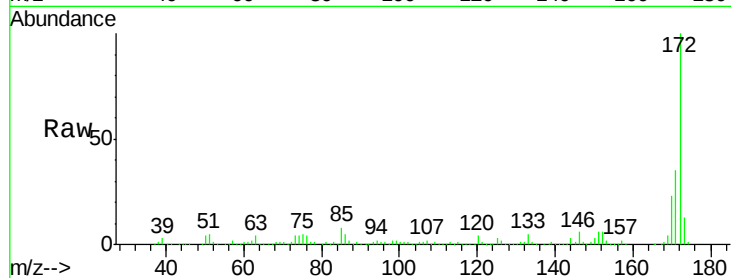




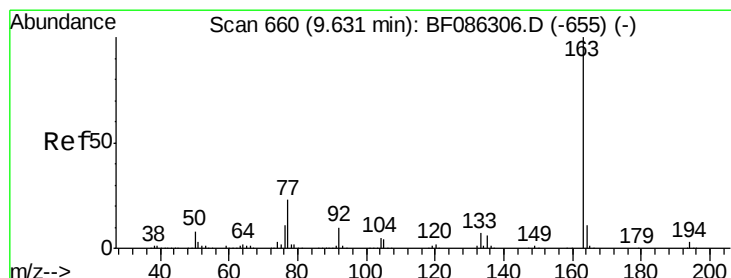
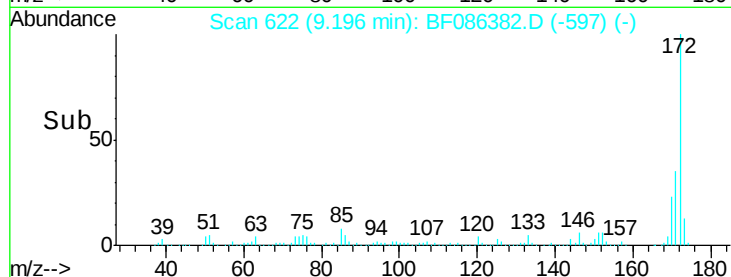
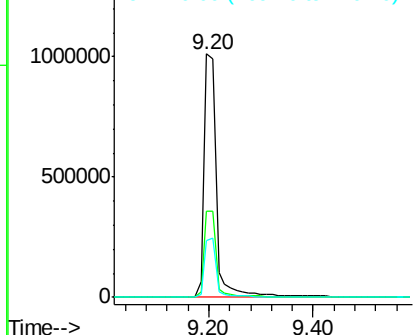
#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086382.D
 Acq: 23 Apr 2016 10:42

Instrument :
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 CEDAR-HILL-TF-PS-001

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

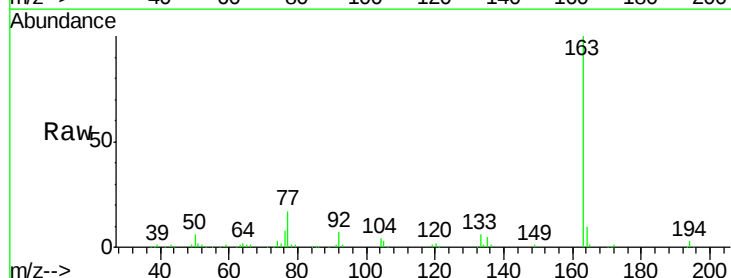


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

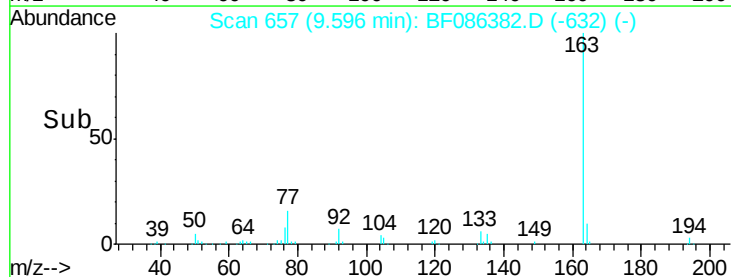
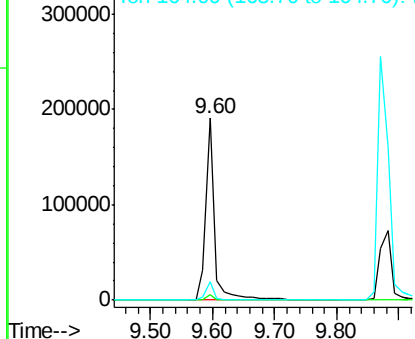


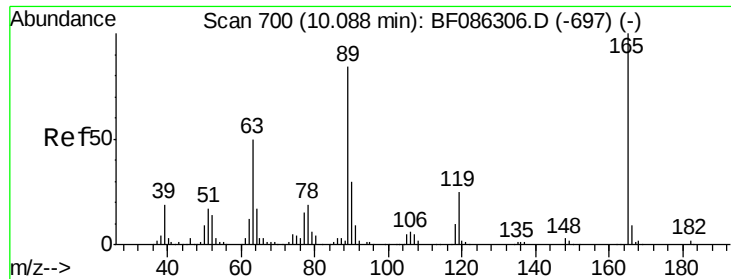
#49
 Dimethylphthalate
 Concen: 8.13 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF086382.D
 Acq: 23 Apr 2016 10:42

Tgt 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

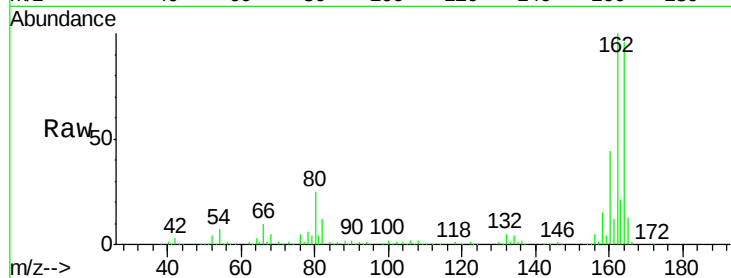




#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

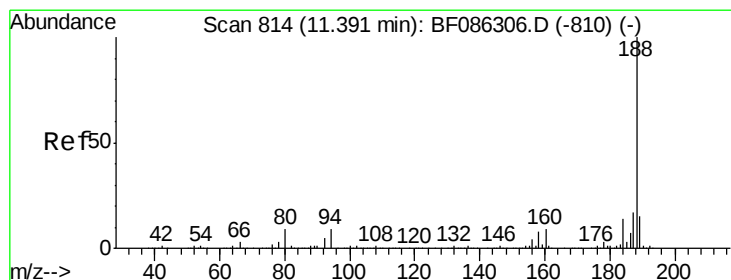
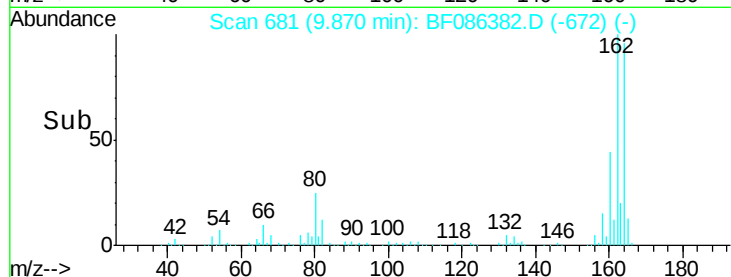
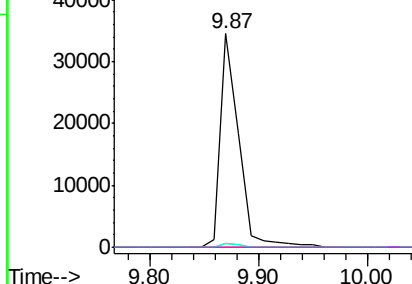


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

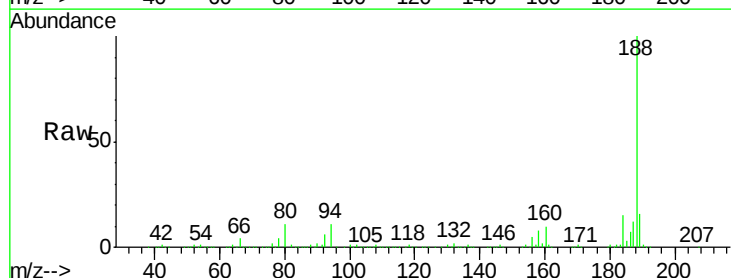
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

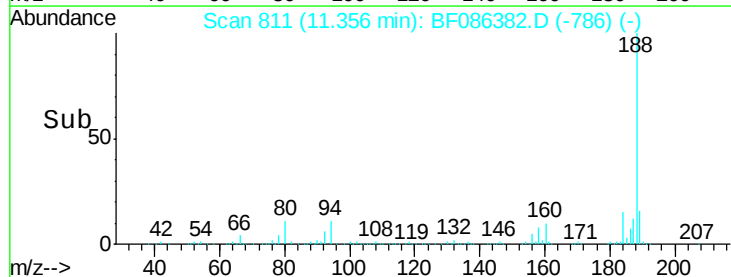
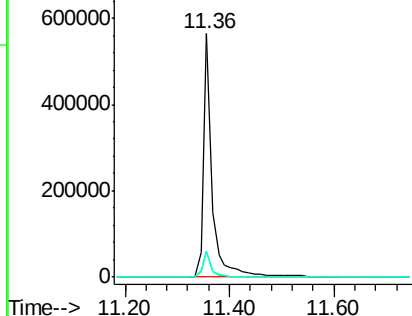
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.8	10.2#
80	10.8	7.1	10.7#

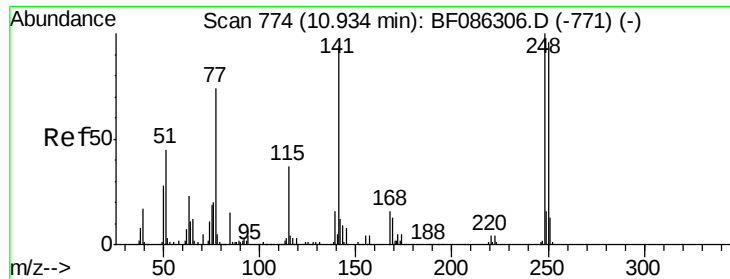


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

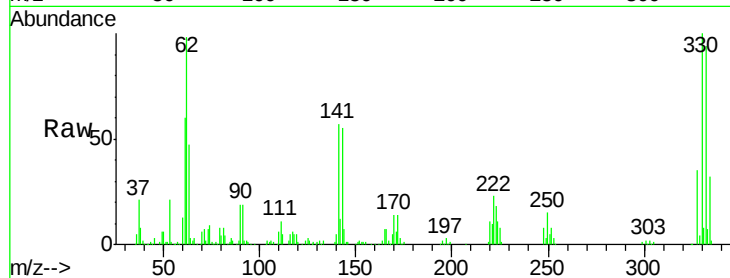




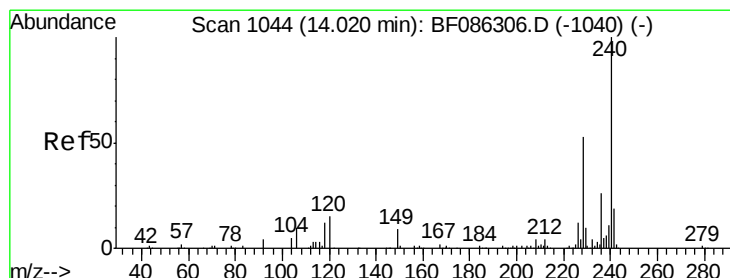
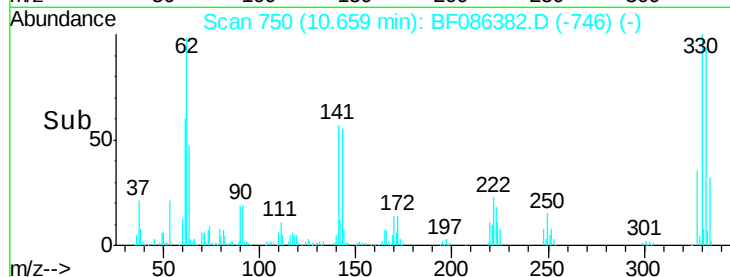
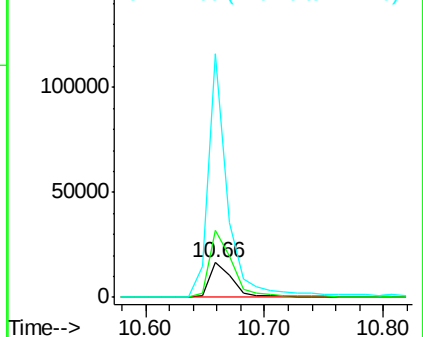
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

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

Tgt Ion:248 Resp: 22216
Ion Ratio Lower Upper
248 100
250 192.5 78.6 117.8#
141 706.2 76.0 114.0#

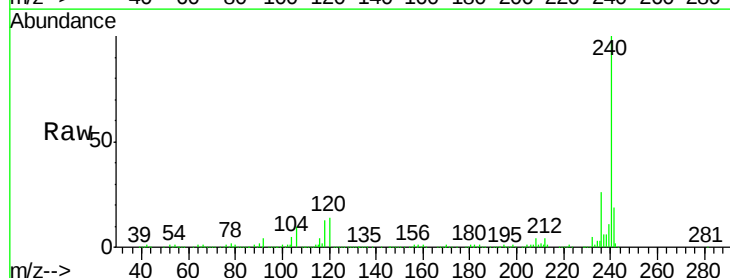


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

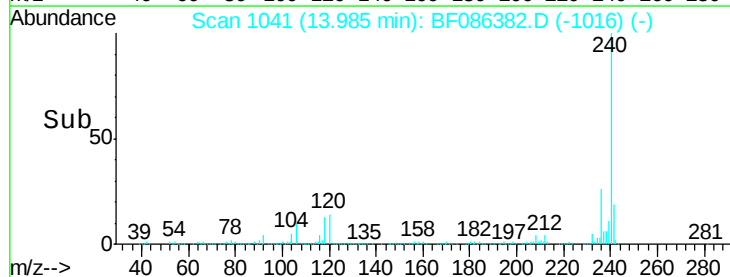
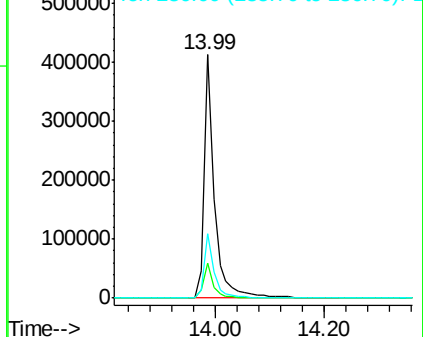


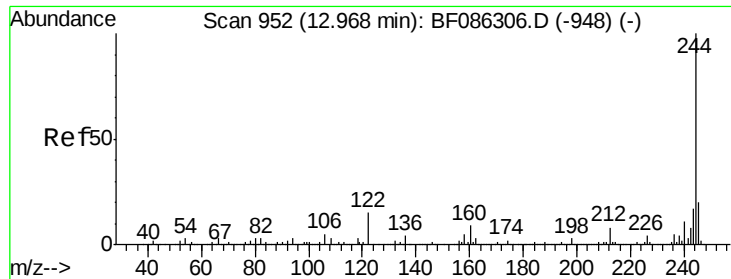
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF086382.D
Acq: 23 Apr 2016 10:42

Tgt 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

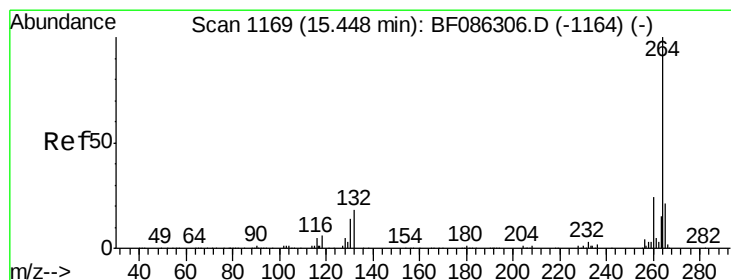
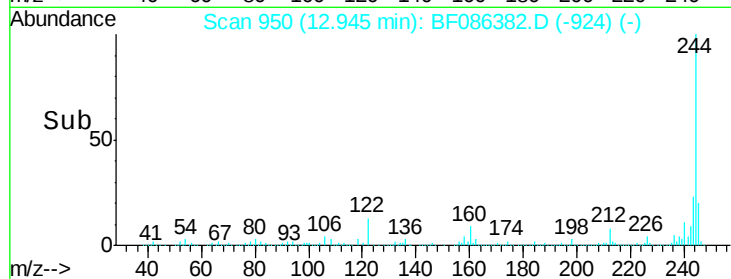
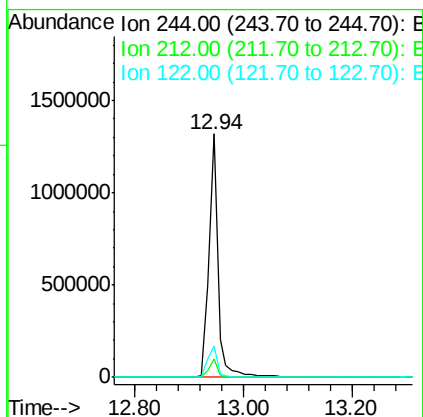
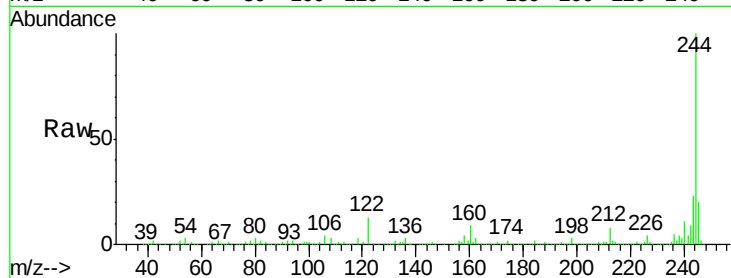




#78
 Terphenyl-d14
 Concen: 71.21 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086382.D
 Acq: 23 Apr 2016 10:42

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

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



#86
 Perylene-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

Tgt Ion:264 Resp: 407169
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 17.3 25.9

