

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
 Data File : BF086459.D
 Acq On : 28 Apr 2016 8:05
 Operator : UM/SJ
 Sample : H2736-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB02(0.5-8.0)

Quant Time: Apr 28 11:23:29 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

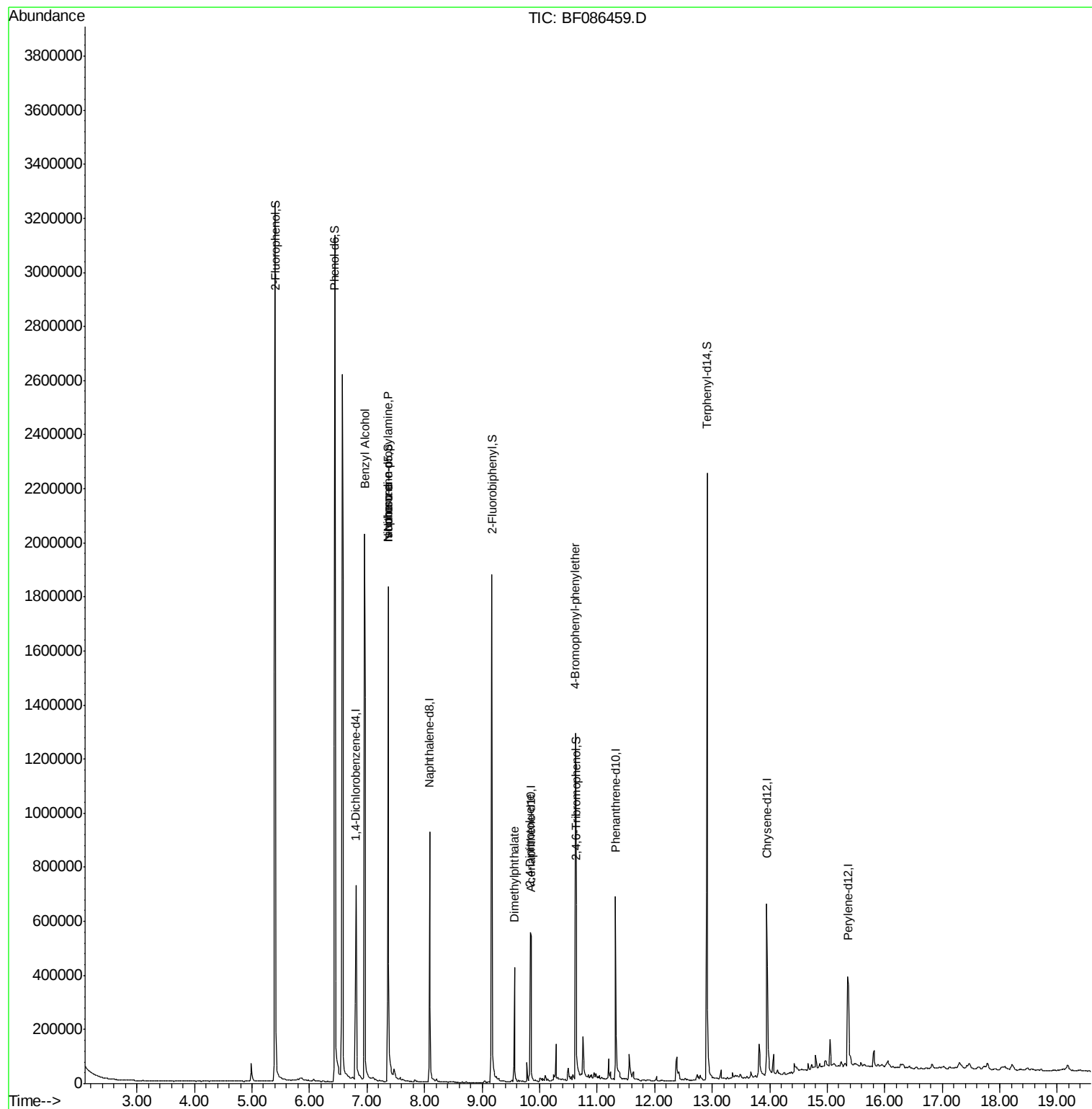
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123063	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	453485	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	165761	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	282947	20.00	ng	0.00
75) Chrysene-d12	13.95	240	301143	20.00	ng	-0.01
86) Perylene-d12	15.37	264	209388	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	911801	127.80	ng	0.01
7) Phenol-d6	6.44	99	1126337	113.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	655590	77.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	185258	105.98	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	960473	106.89	ng	0.00
78) Terphenyl-d14	12.91	244	756289	55.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	12775	2.03	ng	# 41
19) n-Nitroso-di-n-propylamine	7.37	70	87904	13.36	ng	# 75
25) Isophorone	7.37	82	559636	34.56	ng	# 68
49) Dimethylphthalate	9.56	163	160791	12.88	ng	99
56) 2,4-Dinitrotoluene	9.84	165	20762	6.32	ng	# 15
66) 4-Bromophenyl-phenylether	10.62	248	10102	3.46	ng	# 1

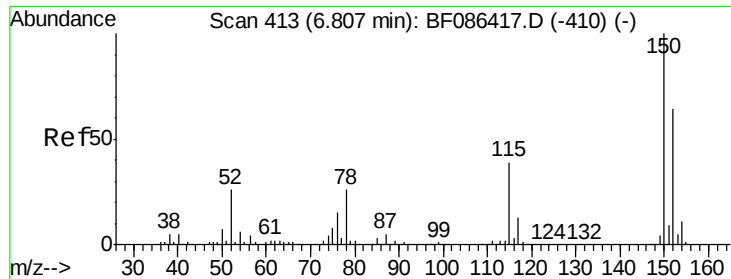
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086459.D

Acq: 28 Apr 2016 8:05

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB02(0.5-8.0)

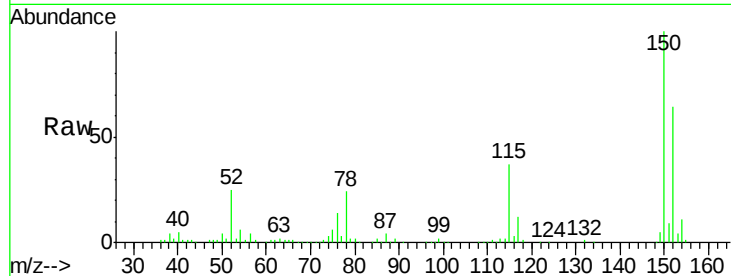
Tot Ion:152 Resp: 123063

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.6

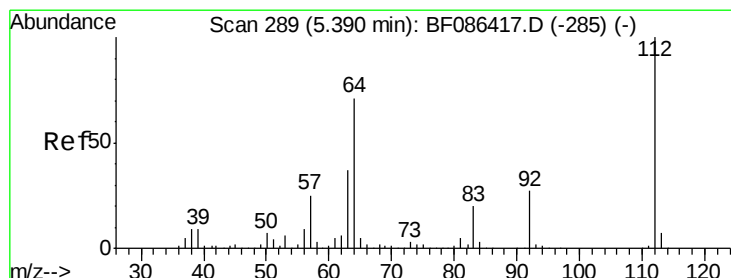
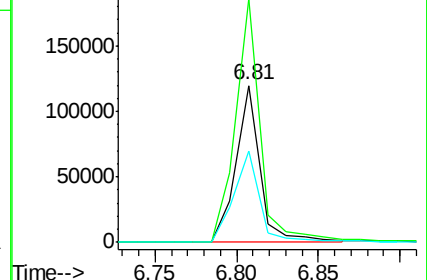
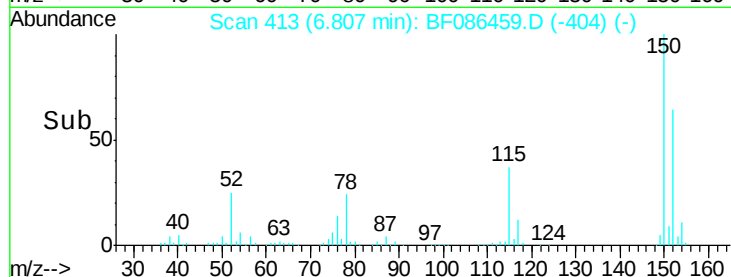
115 58.1 51.5 77.3



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: 127.80 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086459.D

Acq: 28 Apr 2016 8:05

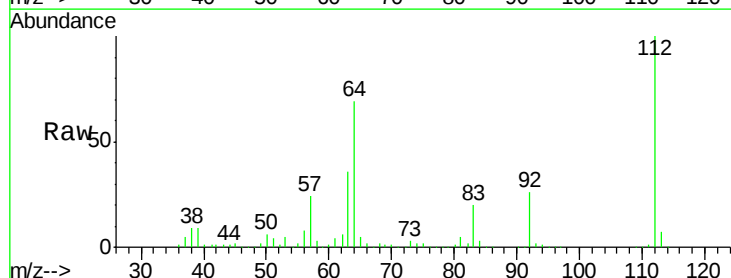
Tgt Ion:112 Resp: 911801

Ion Ratio Lower Upper

112 100

64 68.5 52.1 78.1

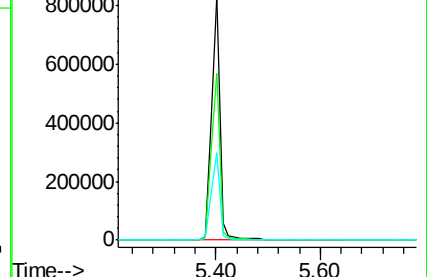
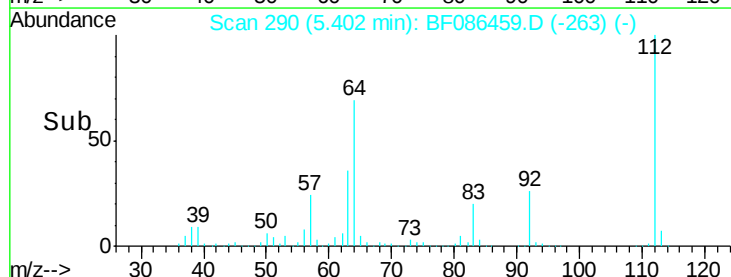
63 36.1 25.7 38.5

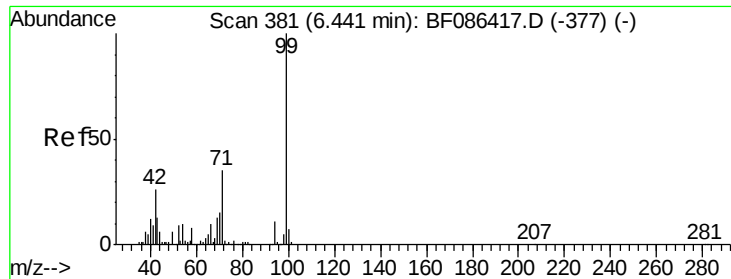


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.11 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086459.D

Acq: 28 Apr 2016 8:05

Instrument :

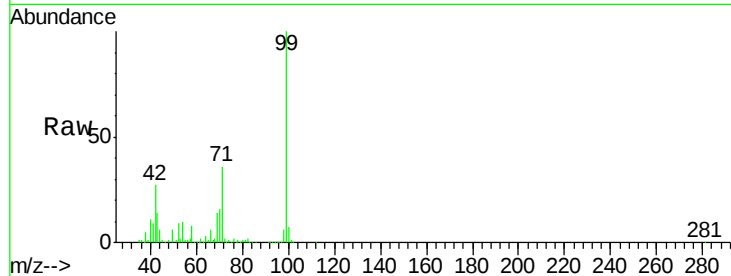
BNA_F

ClientSampleId :

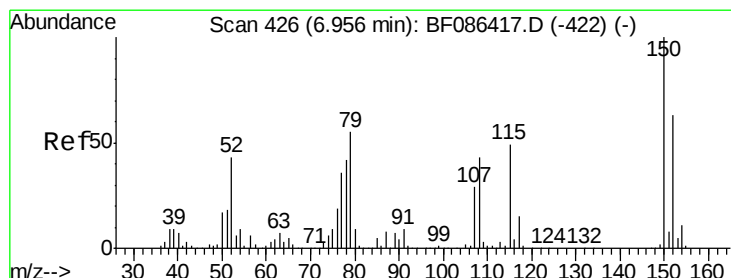
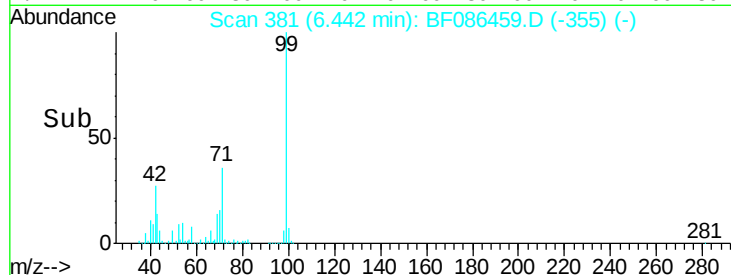
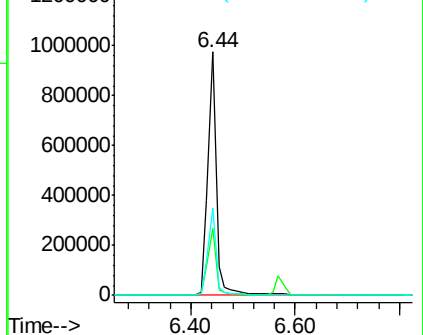
RICHMOND-AMBOY-SB02(0.5-8.0)

Tot Ion: 99 Resp: 1126337

Ion	Ratio	Lower	Upper
99	100		
42	27.4	13.6	20.4#
71	35.9	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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.96 min Scan# 426

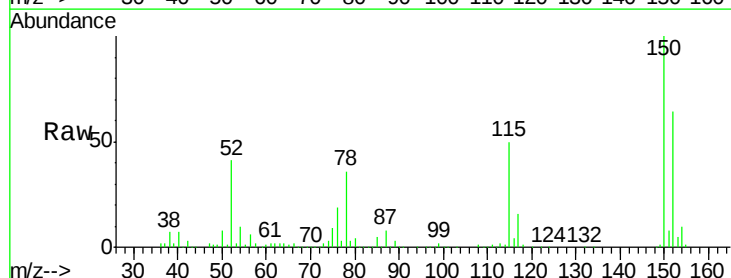
Delta R.T. 0.00 min

Lab File: BF086459.D

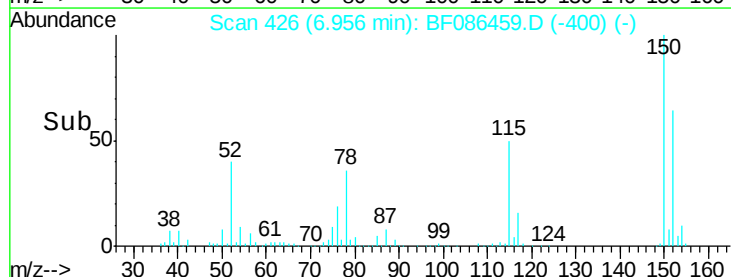
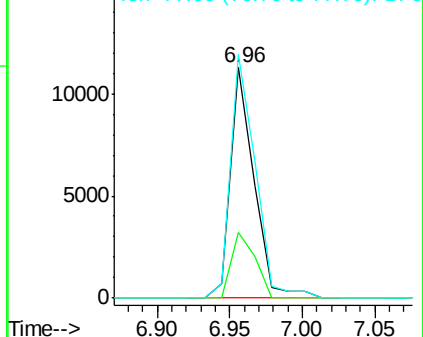
Acq: 28 Apr 2016 8:05

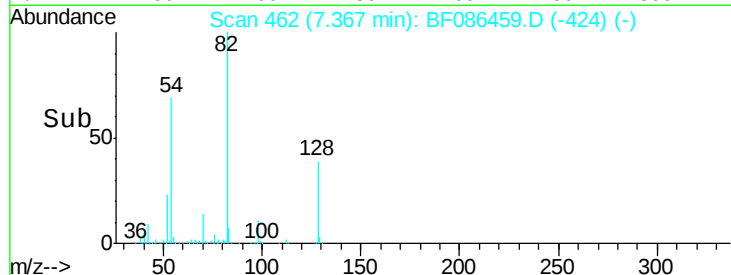
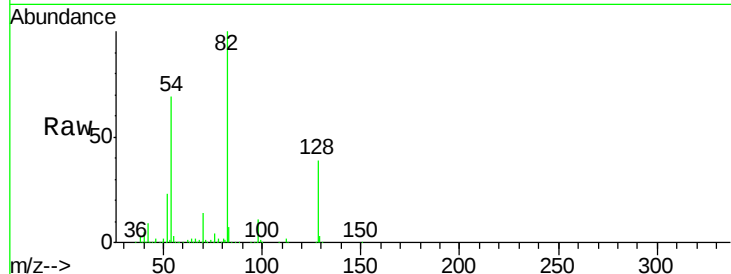
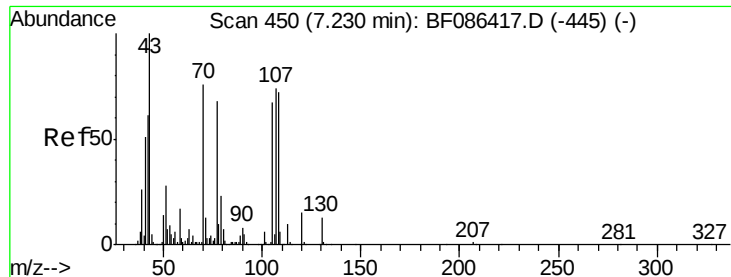
Tgt Ion: 79 Resp: 12775

Ion	Ratio	Lower	Upper
79	100		
108	28.3	68.4	102.6#
77	105.6	50.6	76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

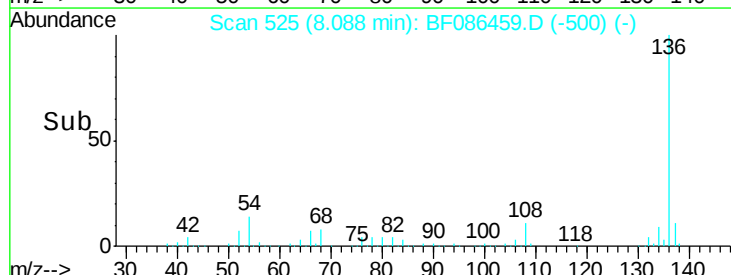
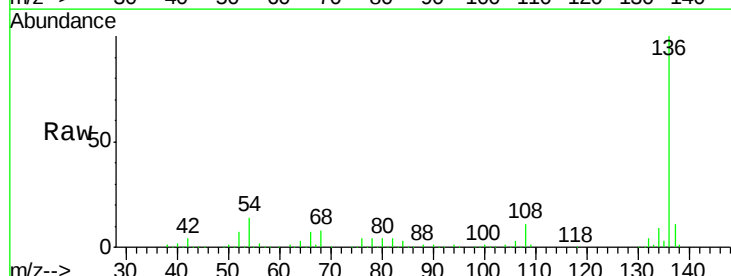
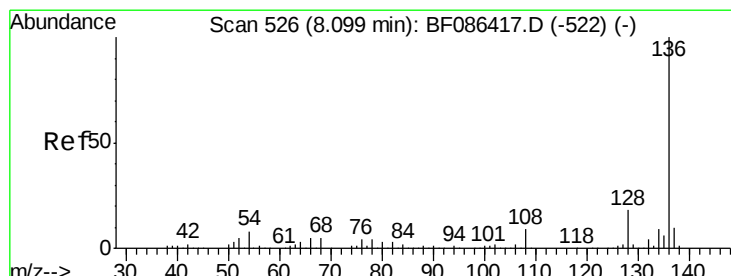
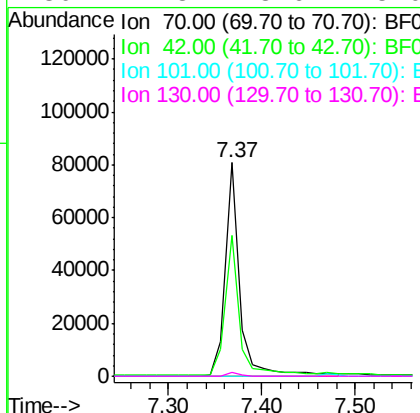




#19
n-Nitroso-di-n-propylamine
Concen: 13.36 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086459.D
Acq: 28 Apr 2016 8:05

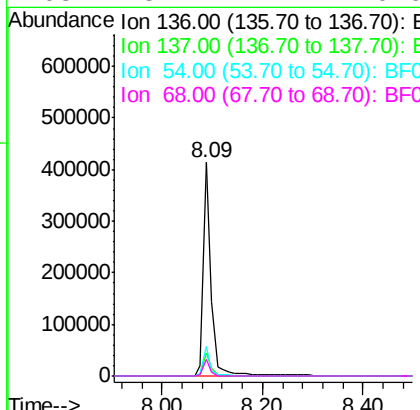
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB02(0.5-8.0)

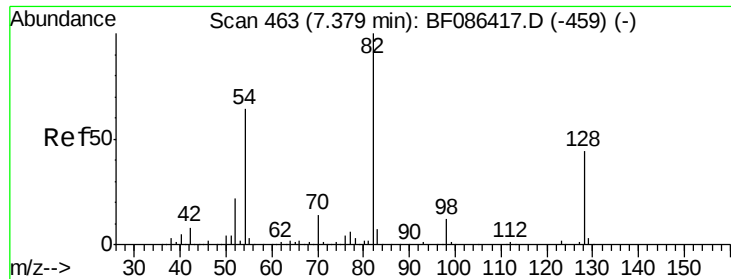
Tot Ion: 70 Resp: 87904
Ion Ratio Lower Upper
70 100
42 65.8 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086459.D
Acq: 28 Apr 2016 8:05

Tgt Ion: 136 Resp: 453485
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 13.8 5.0 7.4#
68 8.1 4.4 6.6#

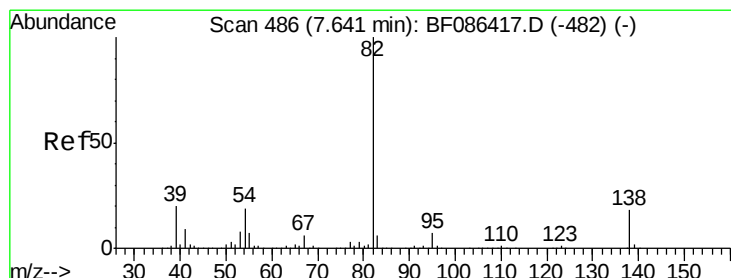
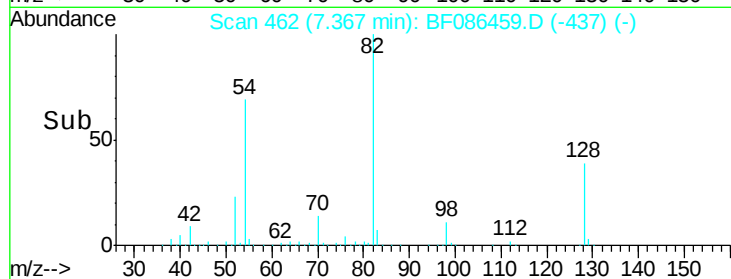
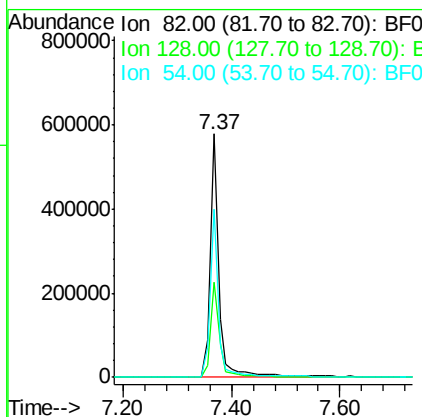
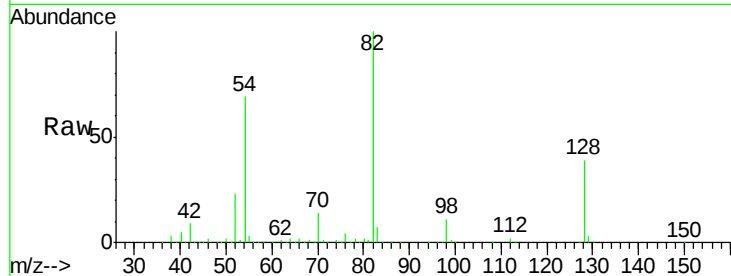




#23
Nitrobenzene-d5
Concen: 77.92 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086459.D
Acq: 28 Apr 2016 8:05

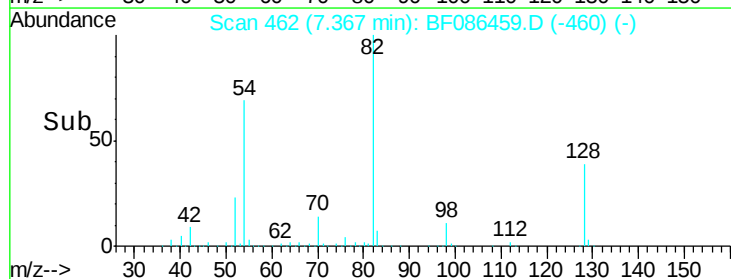
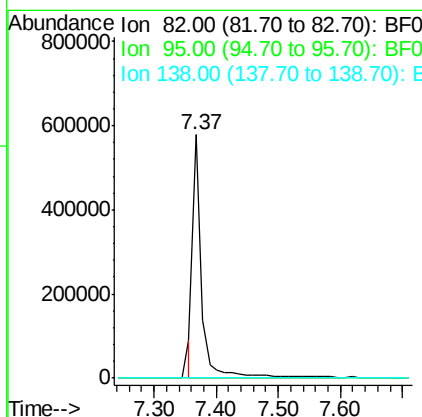
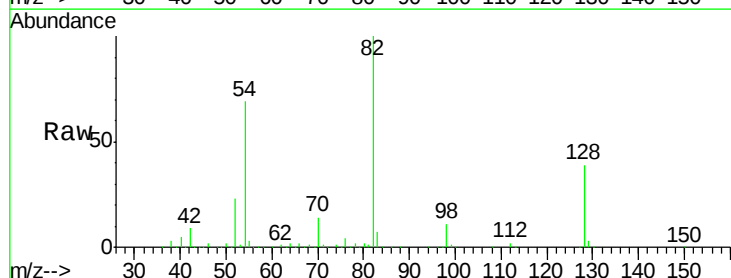
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB02(0.5-8.0)

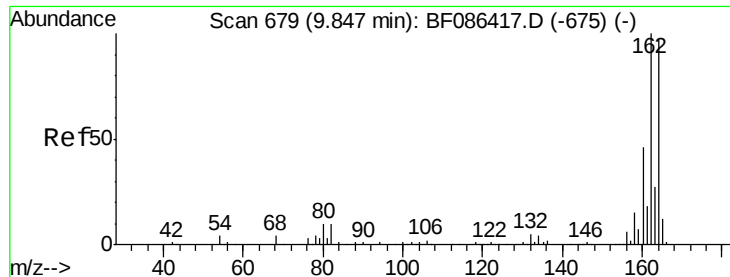
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	61.0#
54	69.0	38.1	57.1#



#25
Isophorone
Concen: 34.56 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF086459.D
Acq: 28 Apr 2016 8:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

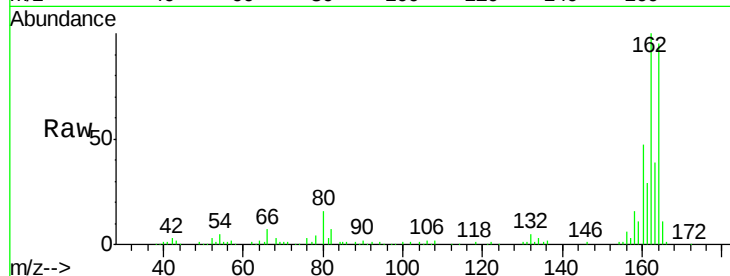




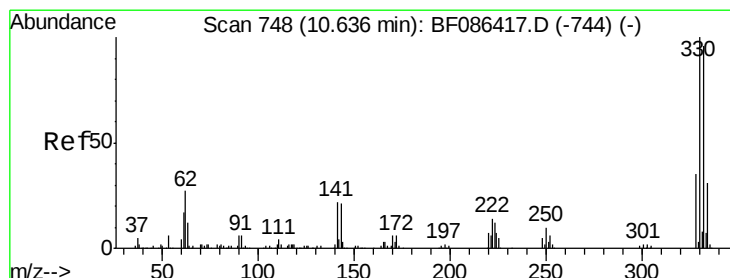
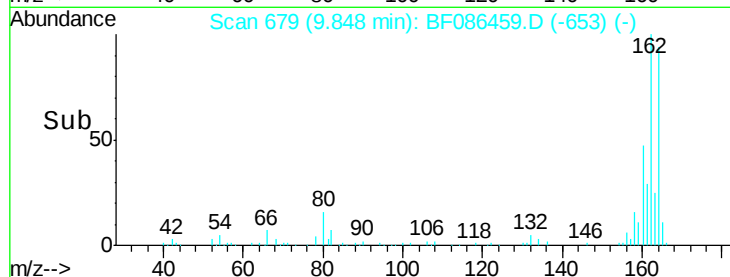
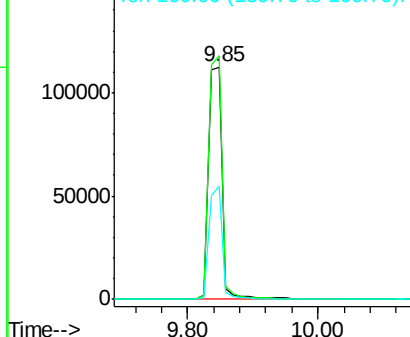
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086459.D
Acq: 28 Apr 2016 8:05

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB02(0.5-8.0)

Tot Ion:164 Resp: 165761
Ion Ratio Lower Upper
164 100
162 104.7 82.8 124.2
160 48.8 36.9 55.3

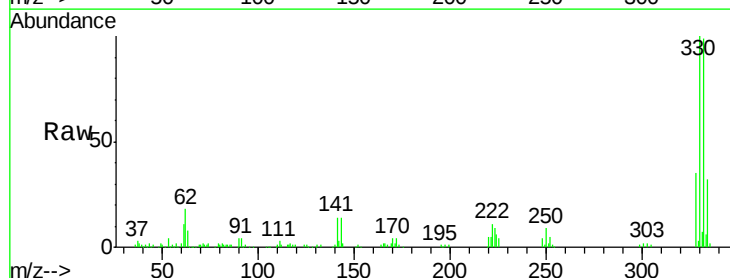


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

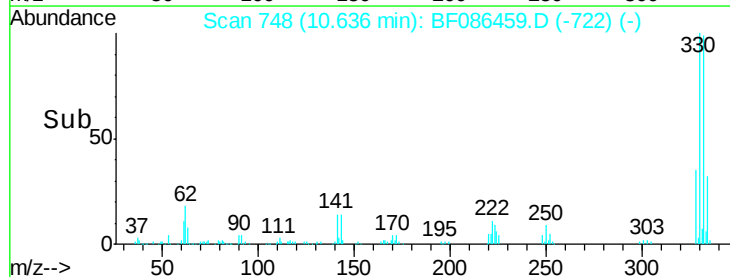
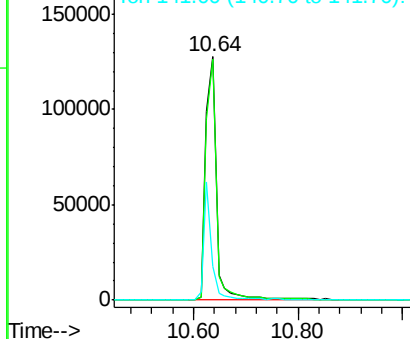


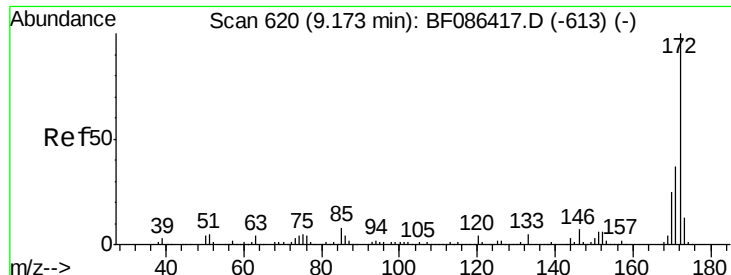
#41
2,4,6-Tribromophenol
Concen: 105.98 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF086459.D
Acq: 28 Apr 2016 8:05

Tgt Ion:330 Resp: 185258
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.4
141 35.4 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

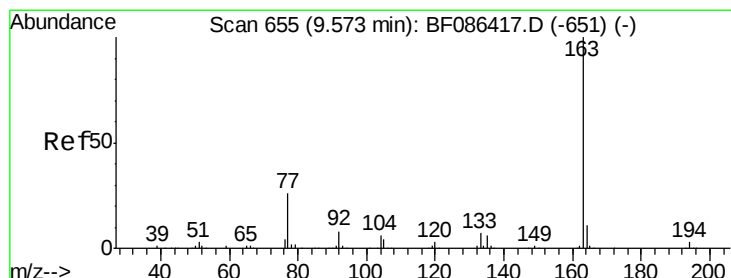
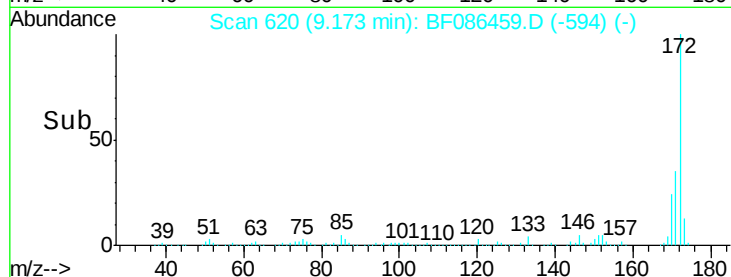
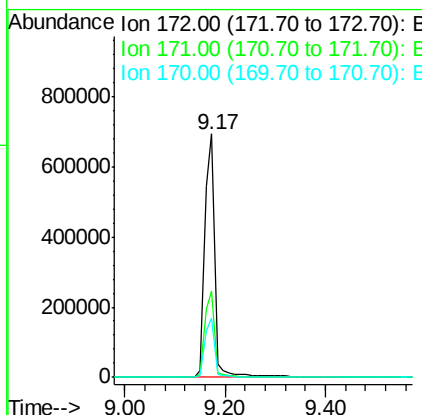
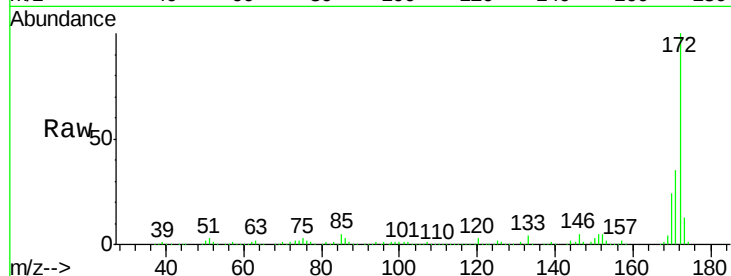




#44
 2-Fluorobiphenyl
 Concen: 106.89 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086459.D
 Acq: 28 Apr 2016 8:05

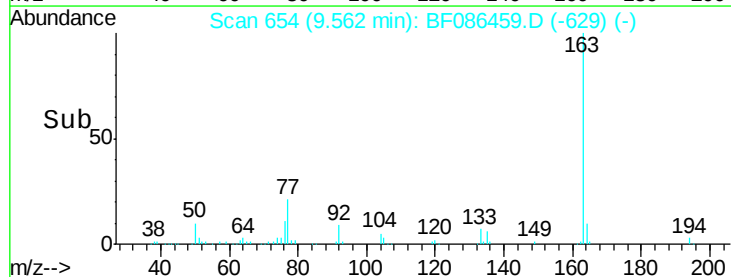
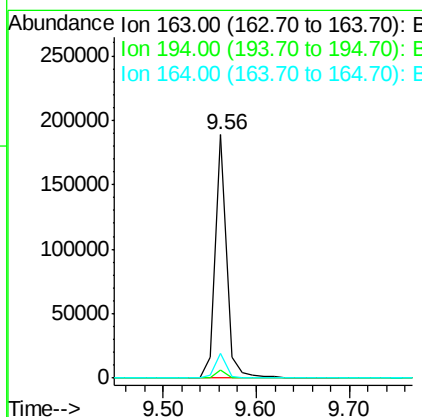
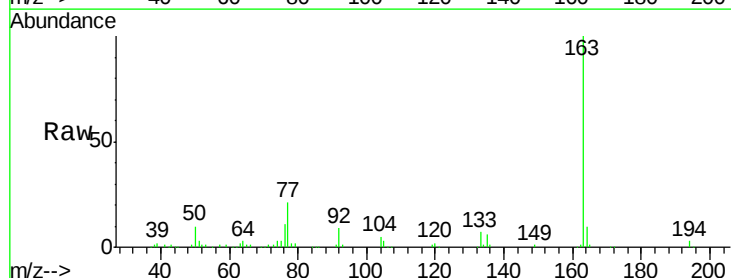
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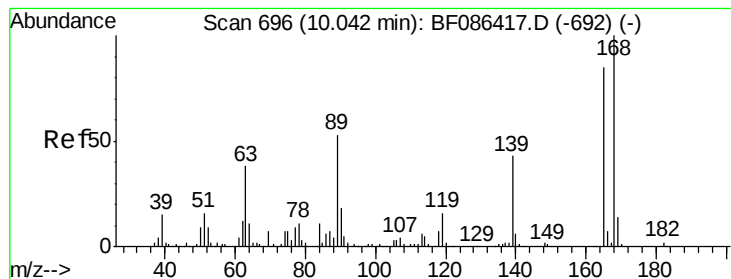
Tot Ion:172 Resp: 960473
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 12.88 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086459.D
 Acq: 28 Apr 2016 8:05

Tgt Ion:163 Resp: 160791
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.0 8.2 12.4

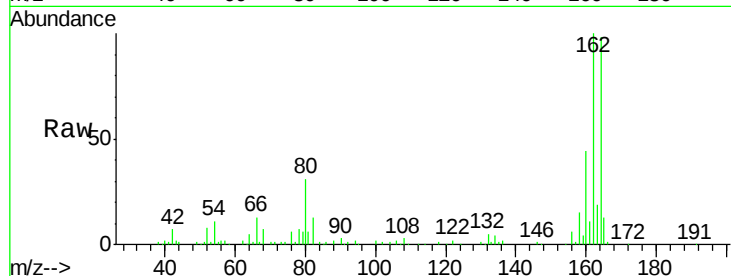




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF086459.D
 Acq: 28 Apr 2016 8:05

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB02(0.5-8.0)

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

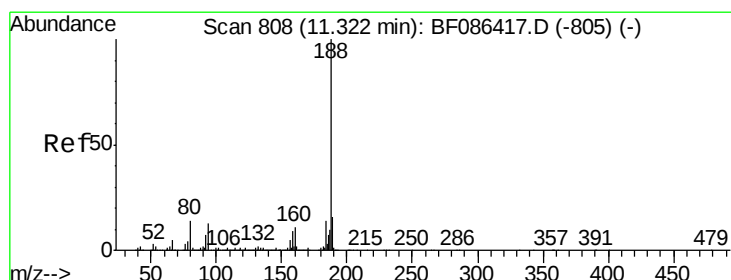
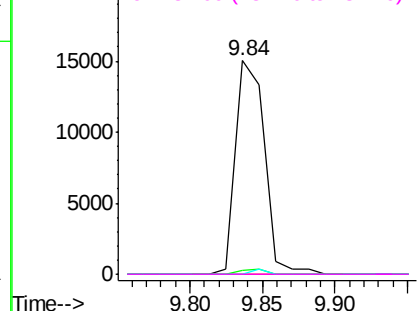
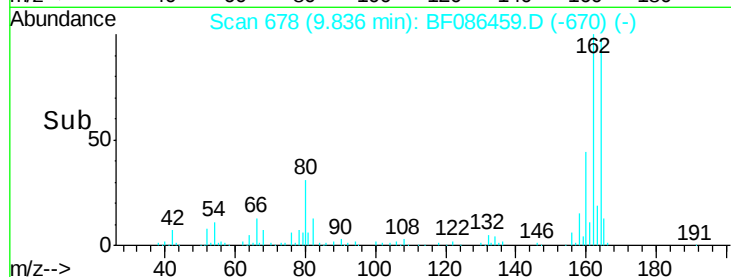


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

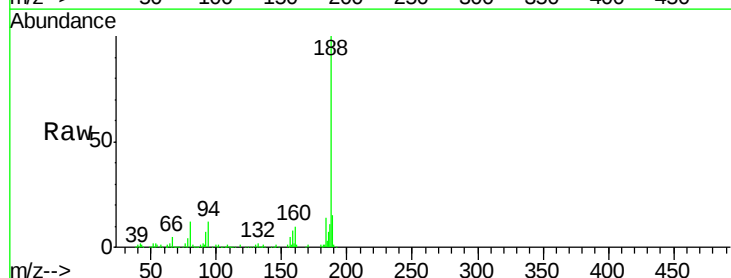
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086459.D
 Acq: 28 Apr 2016 8:05

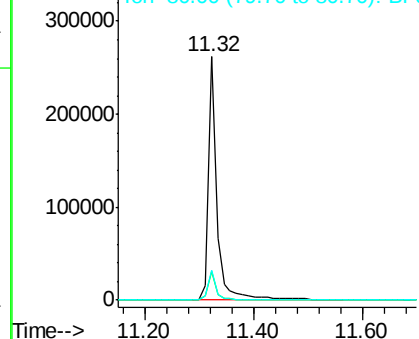
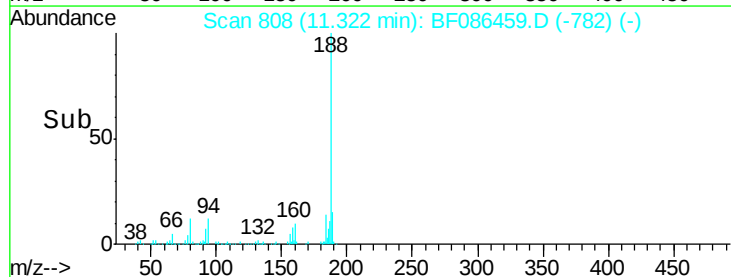
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.5	7.1	10.7#

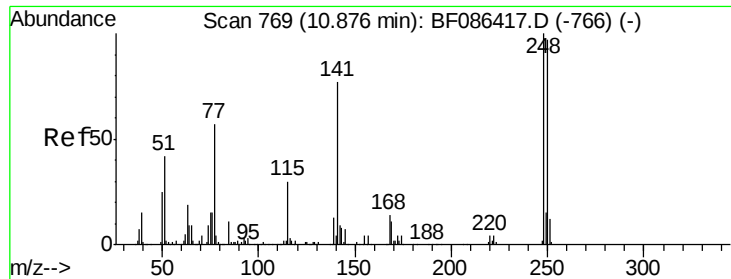


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.46 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.25 min

Lab File: BF086459.D

Acq: 28 Apr 2016 8:05

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB02(0.5-8.0)

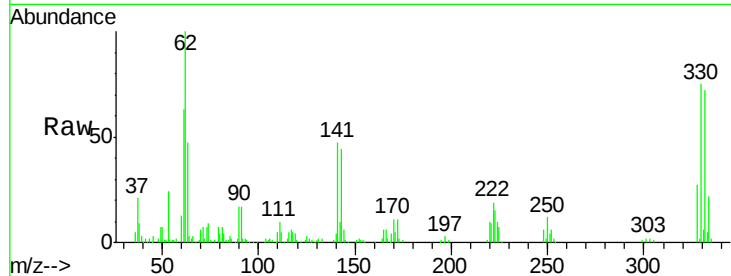
Tot Ion:248 Resp: 10102

Ion Ratio Lower Upper

248 100

250 198.0 78.6 117.8#

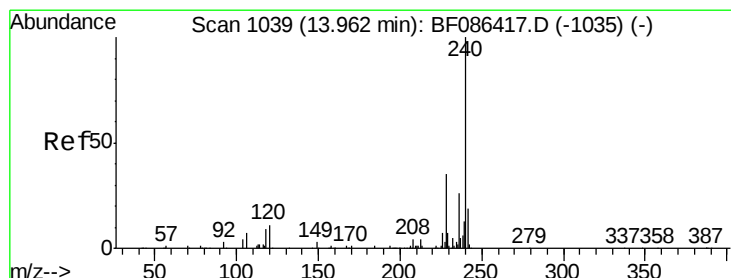
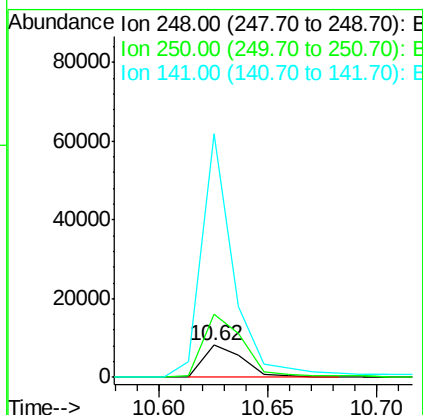
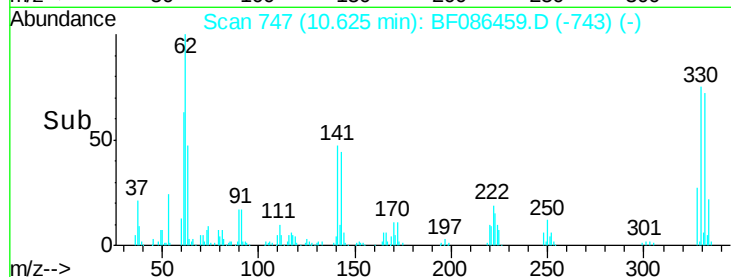
141 761.1 76.0 114.0#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086459.D

Acq: 28 Apr 2016 8:05

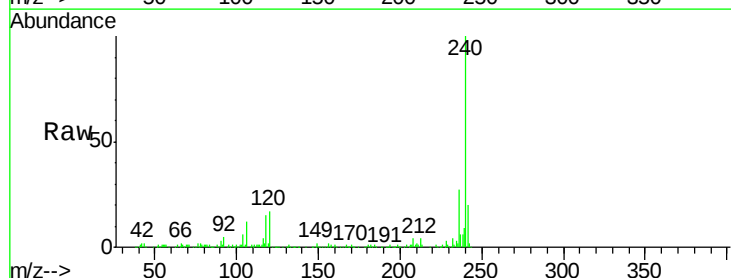
Tgt Ion:240 Resp: 301143

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

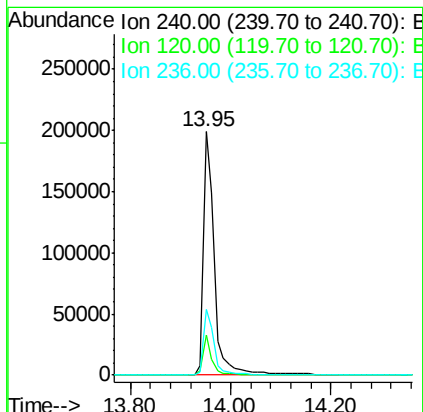
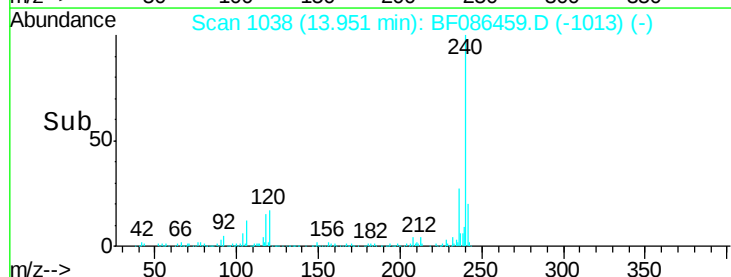
236 26.8 21.2 31.8

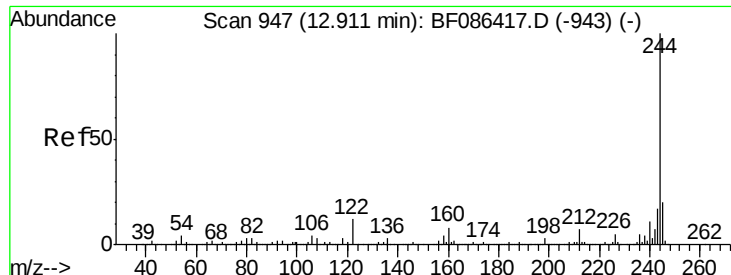


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

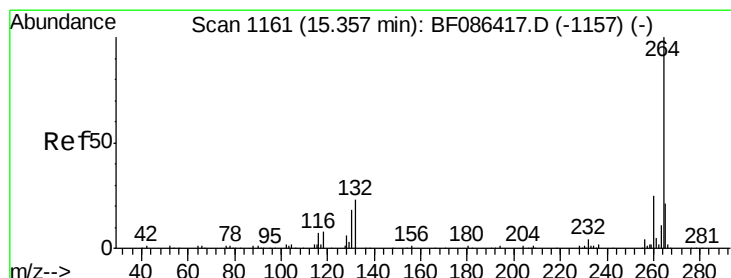
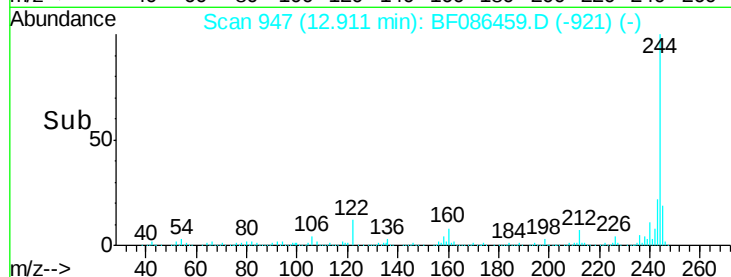
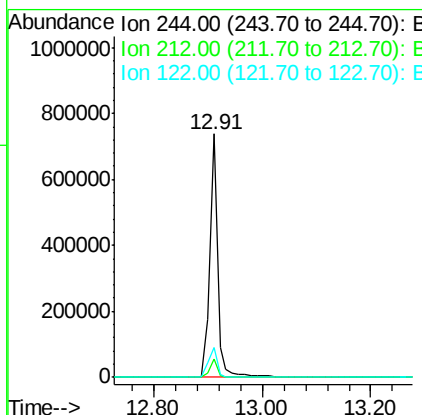
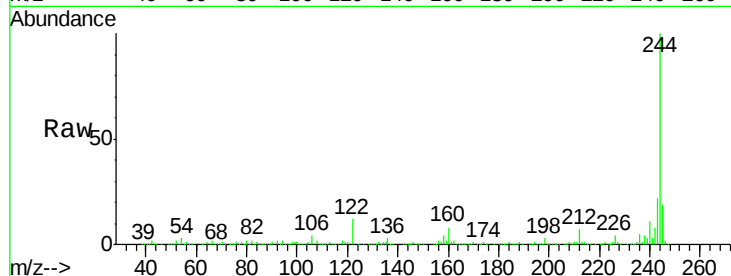




#78
 Terphenyl-d14
 Concen: 55.33 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF086459.D
 Acq: 28 Apr 2016 8:05

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB02(0.5-8.0)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.1	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086459.D
 Acq: 28 Apr 2016 8:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.3	25.9

