

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086452.D
 Acq On : 28 Apr 2016 4:46
 Operator : UM/SJ
 Sample : H2707-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB04(0.5-6.0)

Quant Time: Apr 28 05:45:07 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

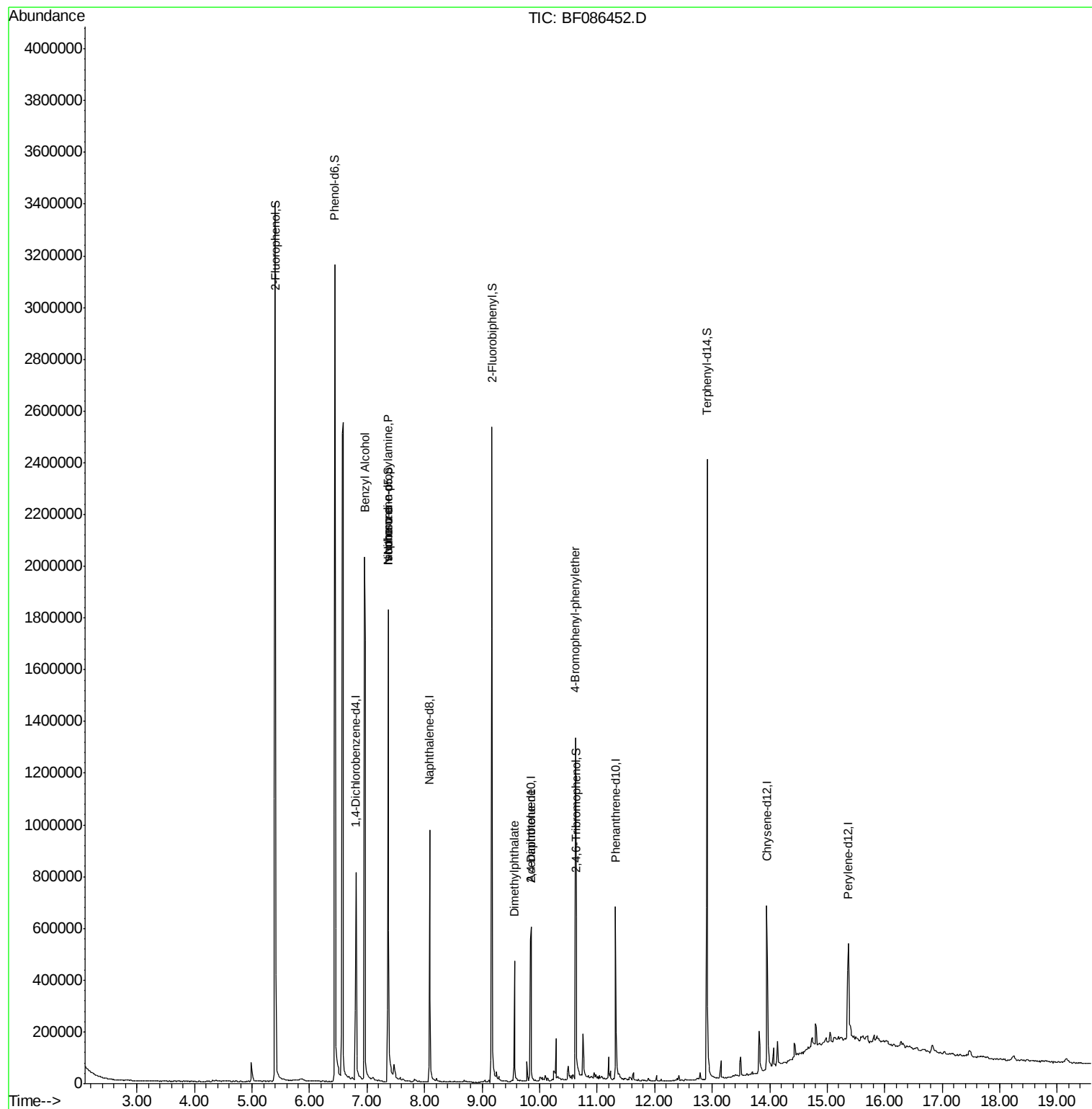
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131257	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	484953	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	172985	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287220	20.00	ng	0.00
75) Chrysene-d12	13.95	240	317007	20.00	ng	-0.01
86) Perylene-d12	15.37	264	219943	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	893455	117.41	ng	0.01
7) Phenol-d6	6.44	99	1137735	107.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	686327	76.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	184080	100.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1080944	118.28	ng	0.00
78) Terphenyl-d14	12.91	244	782530	54.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	13522	2.01	ng	# 44
19) n-Nitroso-di-n-propylamine	7.37	70	91849	13.08	ng	# 74
25) Isophorone	7.37	82	592709	34.23	ng	# 68
49) Dimethylphthalate	9.56	163	171478	13.17	ng	99
56) 2,4-Dinitrotoluene	9.85	165	21122	6.16	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	10219	3.45	ng	# 1

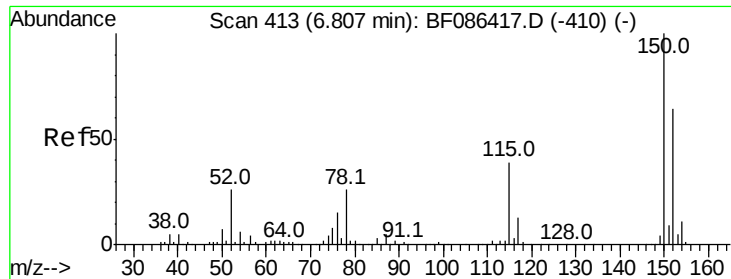
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086452.D

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Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB04(0.5-6.0)

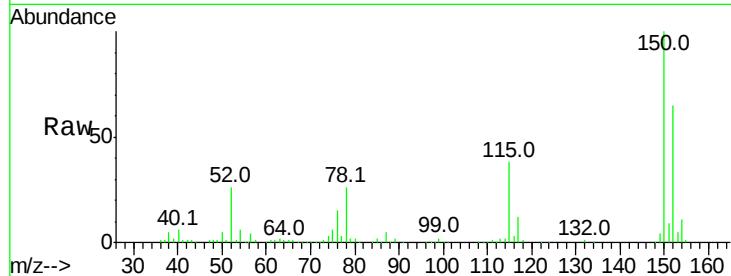
Tot Ion:152 Resp: 131257

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.6

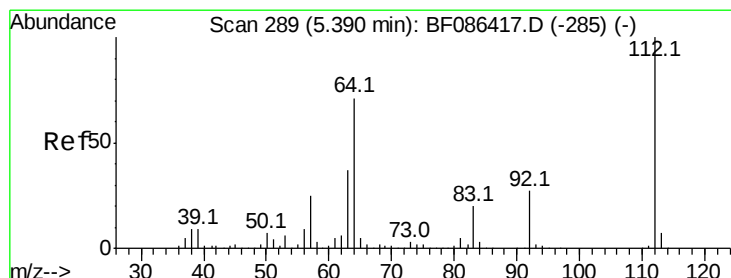
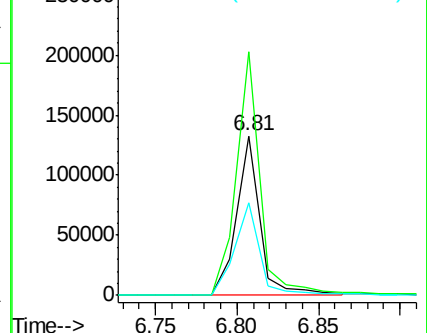
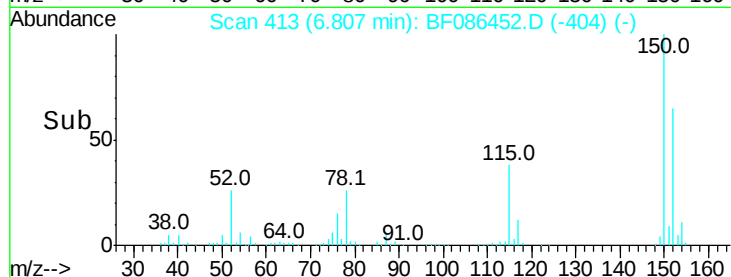
115 58.0 51.5 77.3



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: 117.41 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086452.D

Acq: 28 Apr 2016 4:46

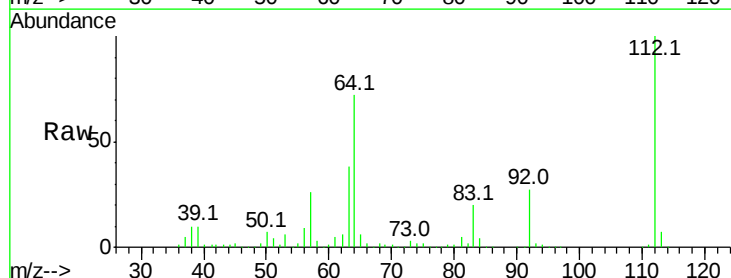
Tgt Ion:112 Resp: 893455

Ion Ratio Lower Upper

112 100

64 72.4 52.1 78.1

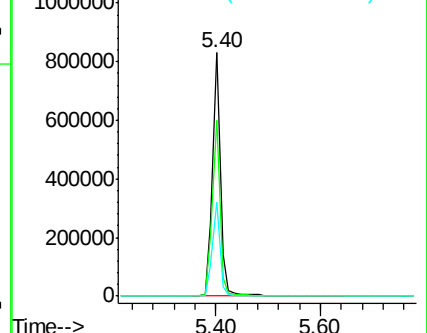
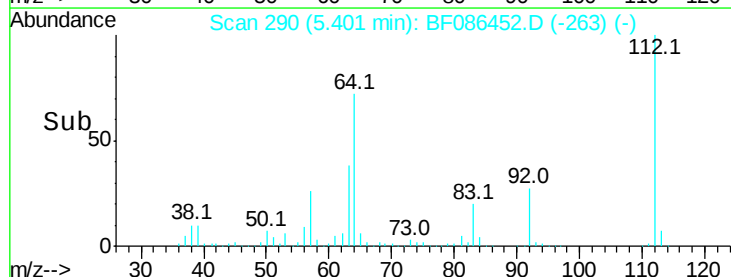
63 38.4 25.7 38.5

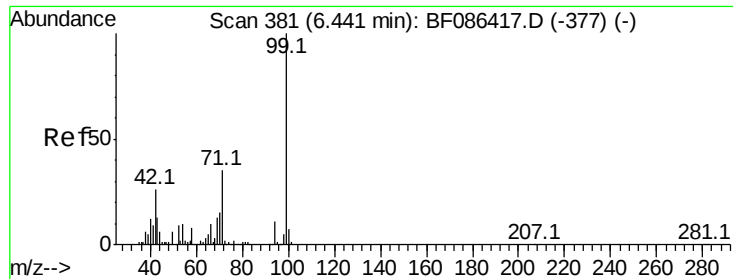


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.12 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086452.D

Acq: 28 Apr 2016 4:46

Instrument :

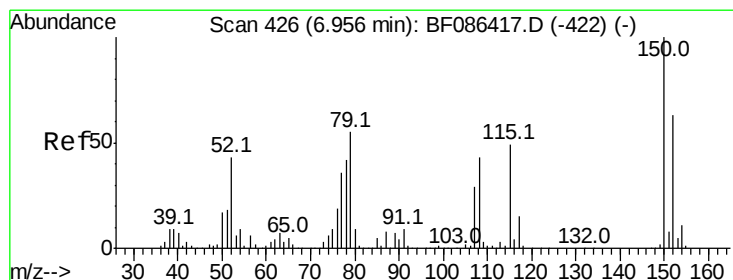
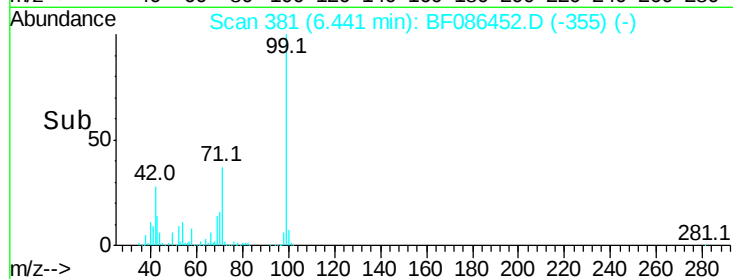
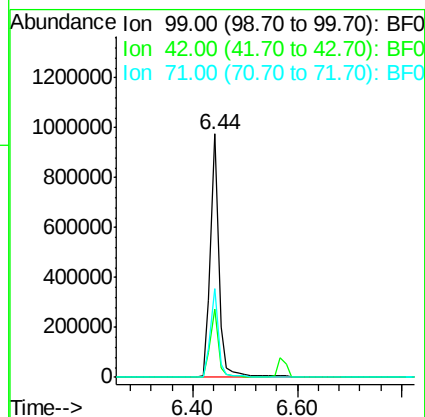
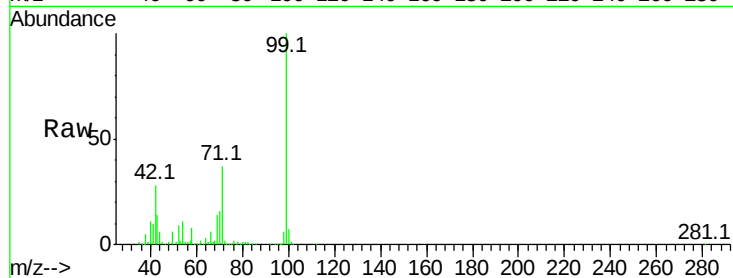
BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB04(0.5-6.0)

Tot Ion: 99 Resp: 1137735

Ion	Ratio	Lower	Upper
99	100		
42	28.0	13.6	20.4#
71	36.6	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.96 min Scan# 426

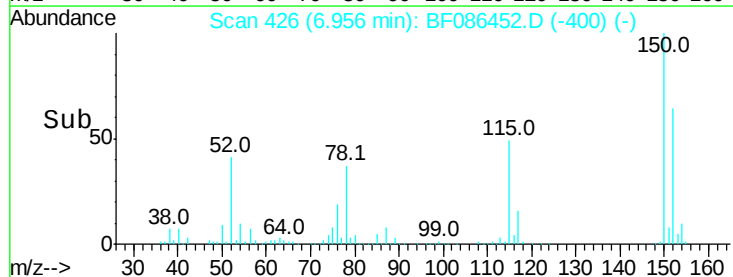
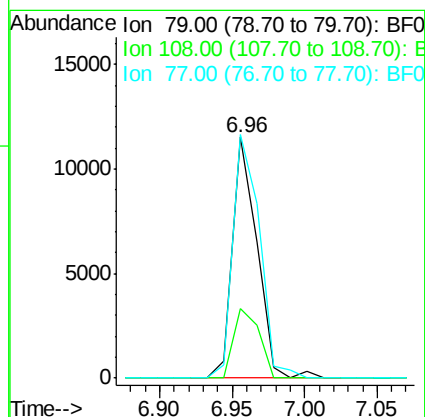
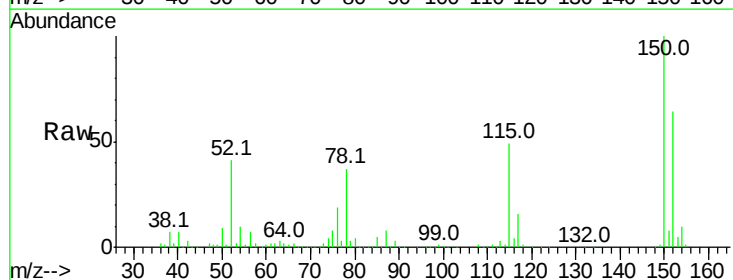
Delta R.T. 0.00 min

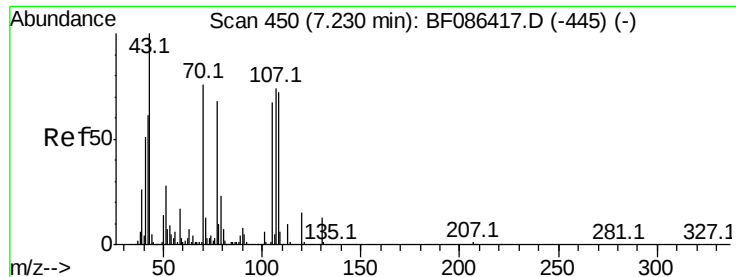
Lab File: BF086452.D

Acq: 28 Apr 2016 4:46

Tgt Ion: 79 Resp: 13522

Ion	Ratio	Lower	Upper
79	100		
108	28.8	68.4	102.6#
77	101.1	50.6	76.0#

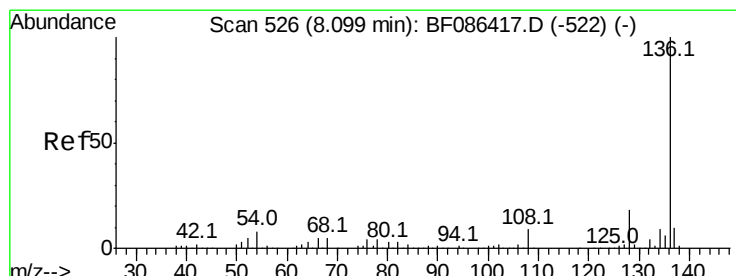
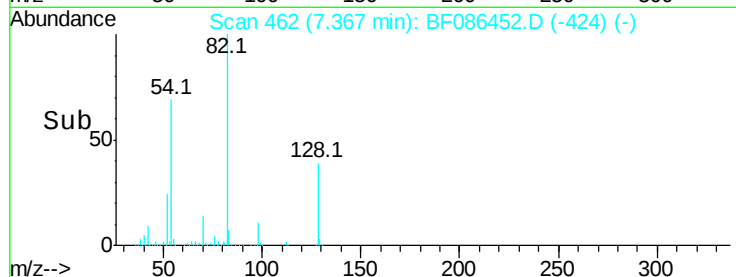
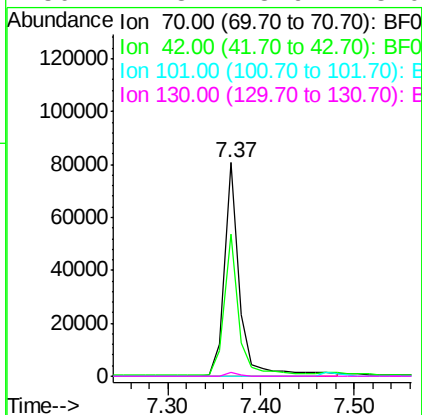
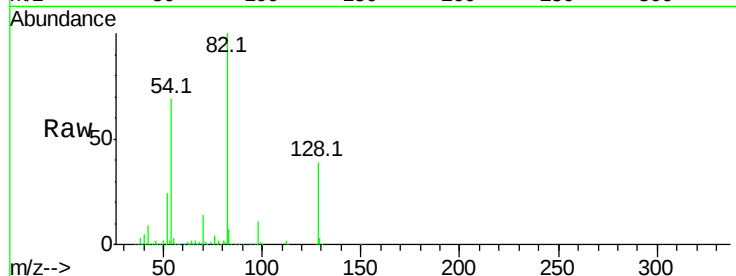




#19
n-Nitroso-di-n-propylamine
Concen: 13.08 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086452.D
Acq: 28 Apr 2016 4:46

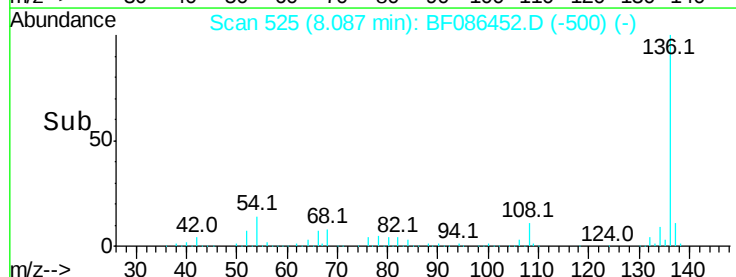
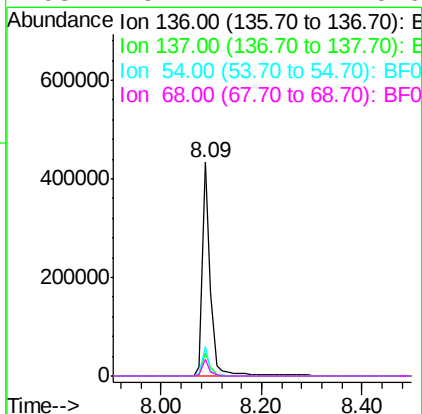
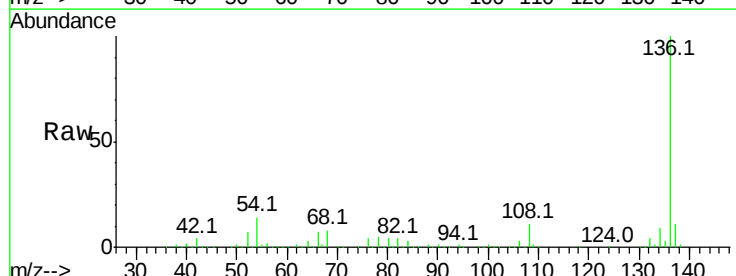
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB04(0.5-6.0)

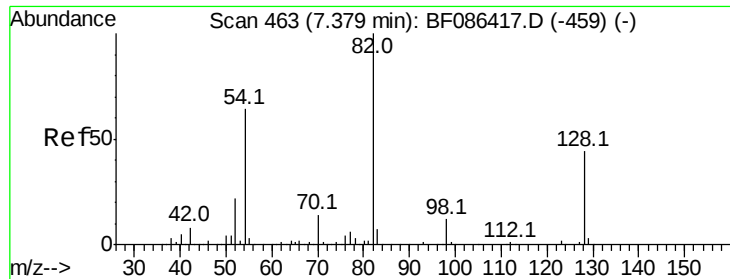
Tot Ion: 70 Resp: 91849
Ion Ratio Lower Upper
70 100
42 66.6 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086452.D
Acq: 28 Apr 2016 4:46

Tgt Ion:136 Resp: 484953
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.7 5.0 7.4#
68 8.1 4.4 6.6#

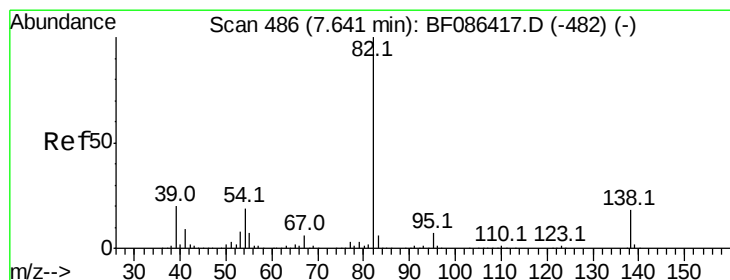
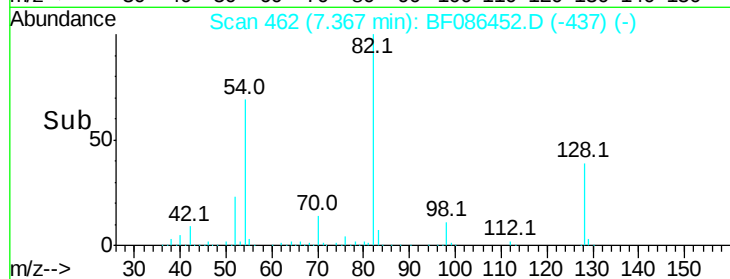
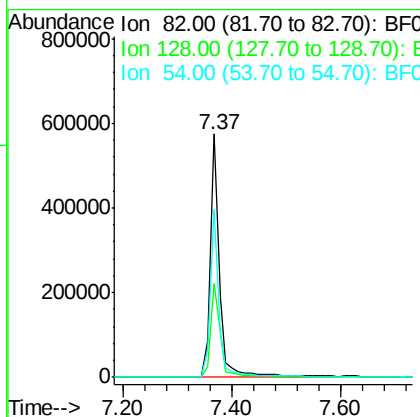
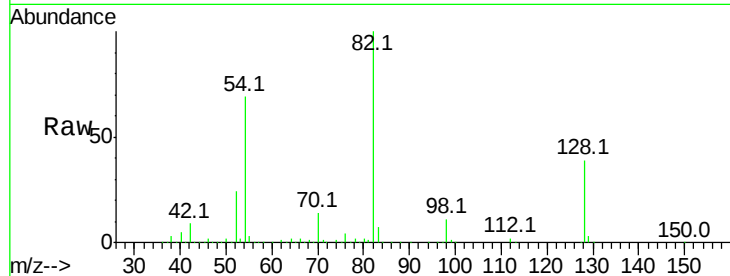




#23
Nitrobenzene-d5
Concen: 76.28 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086452.D
Acq: 28 Apr 2016 4:46

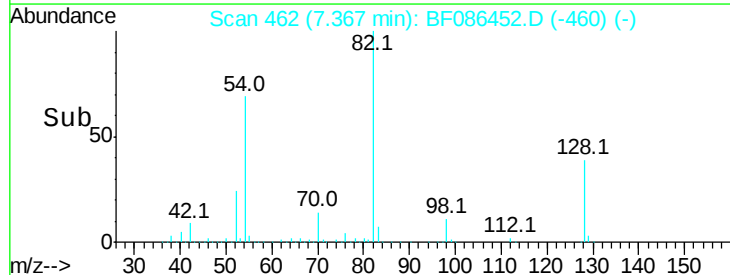
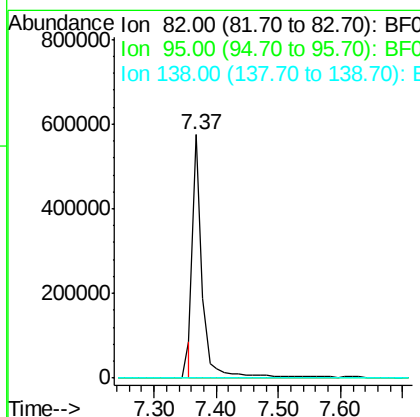
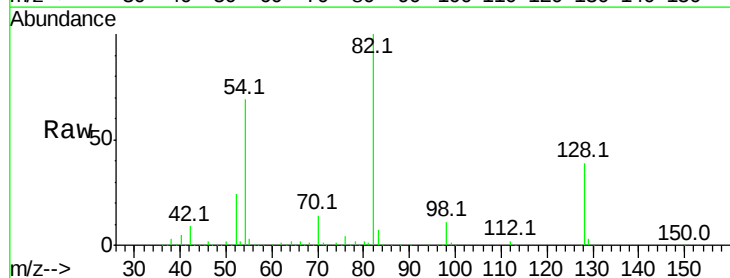
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB04(0.5-6.0)

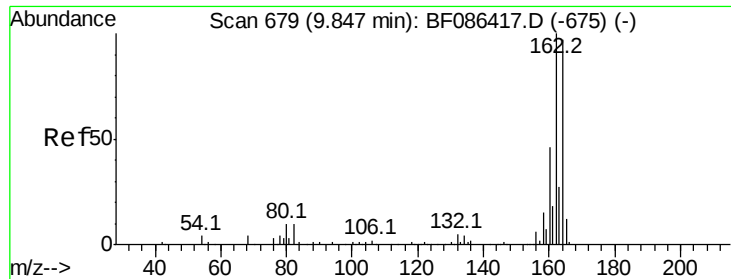
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	68.8	38.1	57.1#



#25
Isophorone
Concen: 34.23 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF086452.D
Acq: 28 Apr 2016 4:46

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

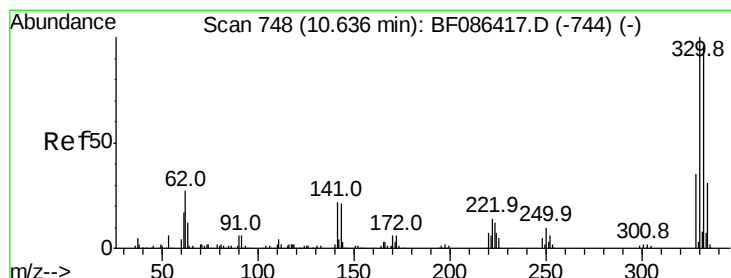
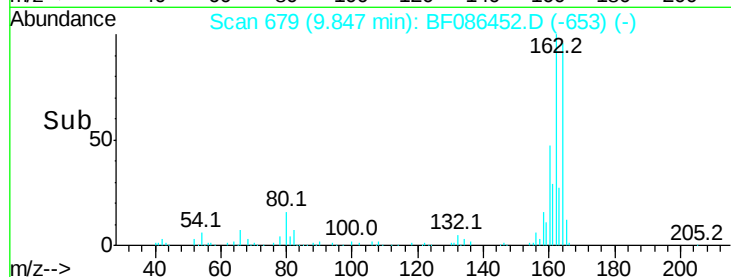
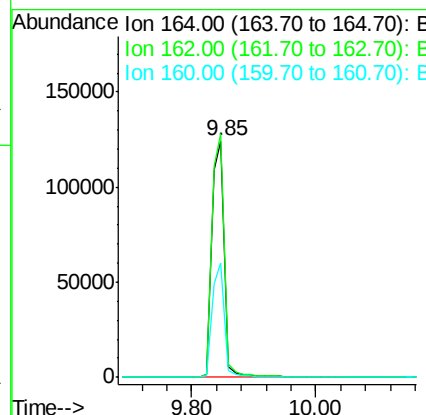
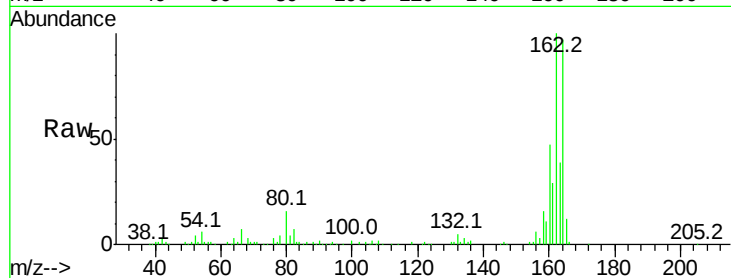




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

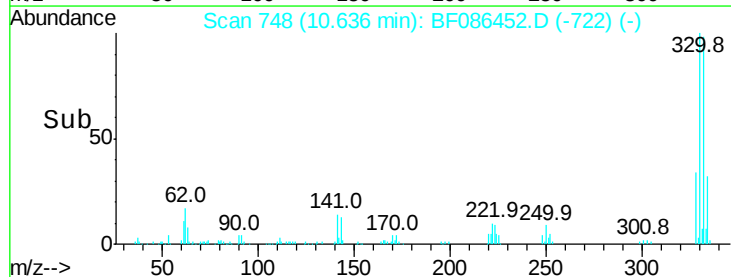
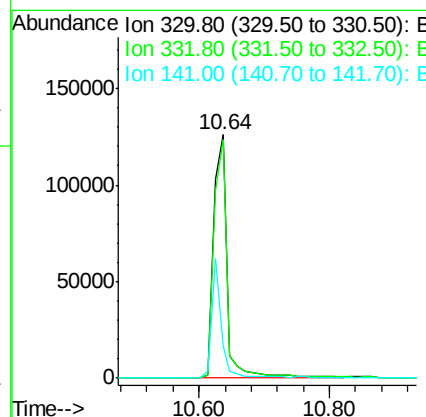
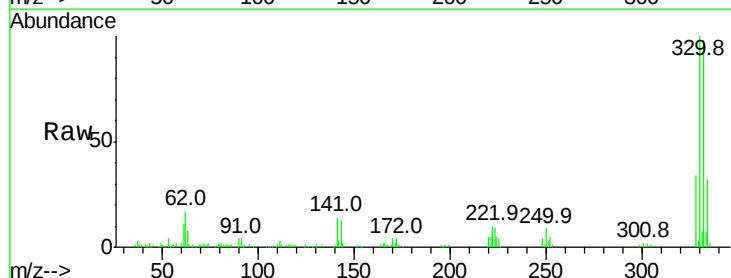
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB04(0.5-6.0)

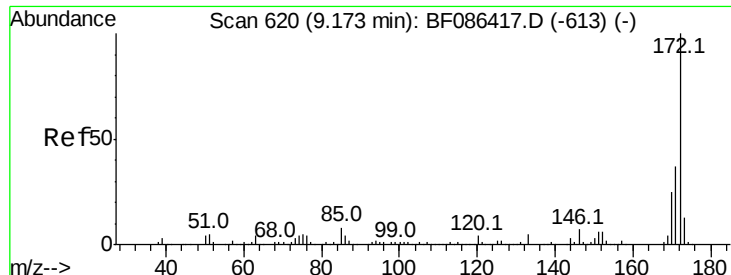
Tot Ion:164 Resp: 172985
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 48.3 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 100.91 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Tgt Ion:330 Resp: 184080
 Ion Ratio Lower Upper
 330 100
 332 98.1 79.0 118.4
 141 35.0 31.2 46.8

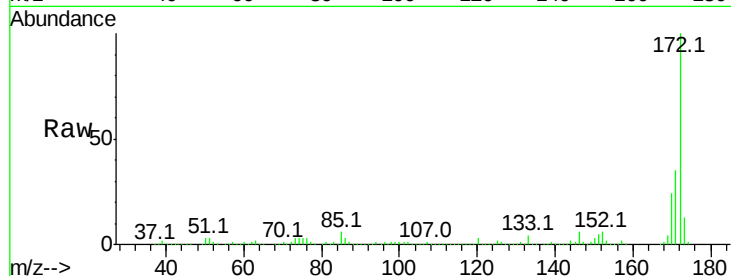




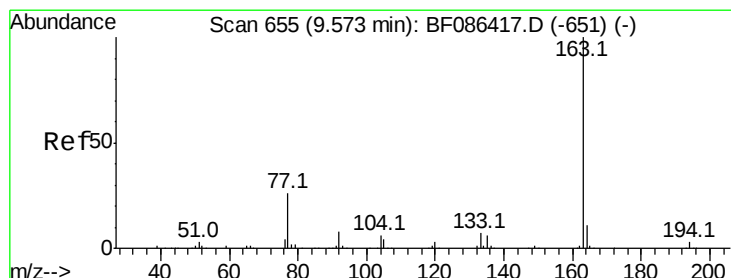
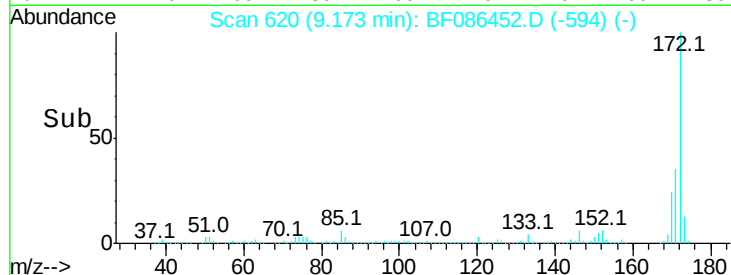
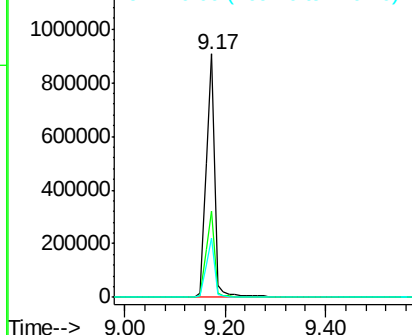
#44
 2-Fluorobiphenyl
 Concen: 118.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB04(0.5-6.0)

Tot Ion:172 Resp: 1080944
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 24.4 19.8 29.8

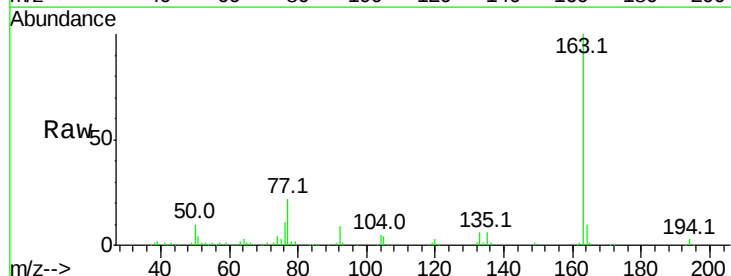


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

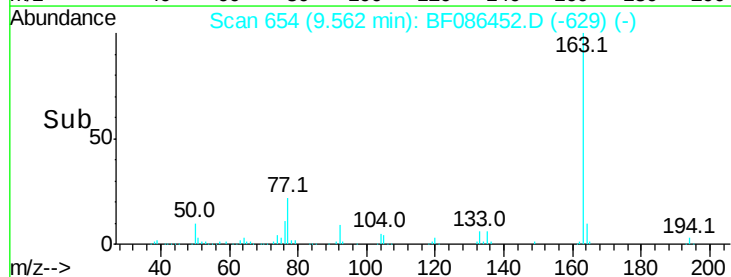
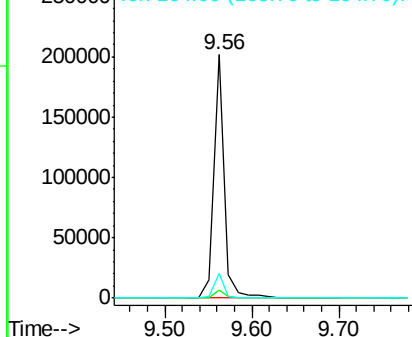


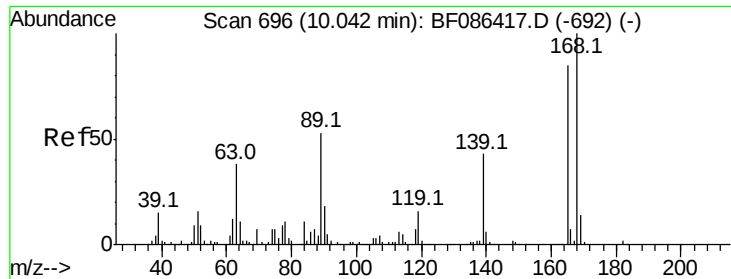
#49
 Dimethylphthalate
 Concen: 13.17 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Tgt Ion:163 Resp: 171478
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.0 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

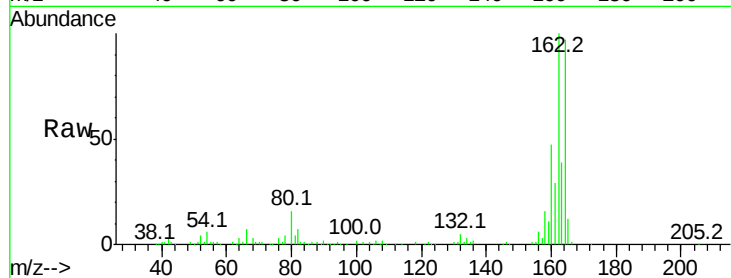




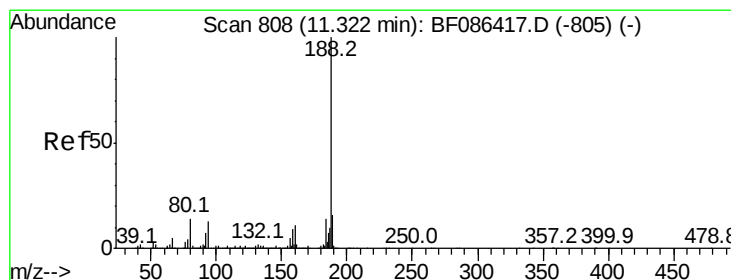
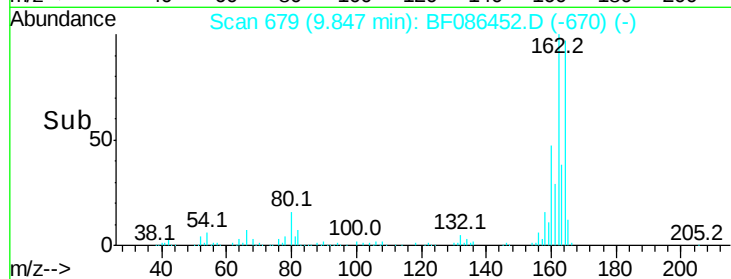
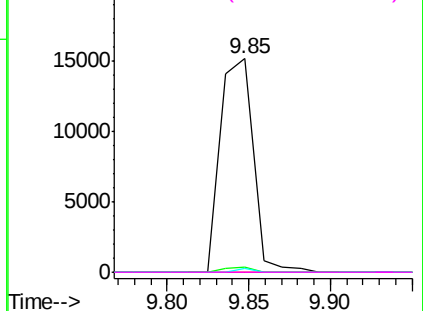
#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB04(0.5-6.0)

Tot Ion:165 Resp: 21122
 Ion Ratio Lower Upper
 165 100
 63 2.4 44.3 66.5#
 89 2.1 70.0 105.0#
 182 0.0 1.8 2.6#

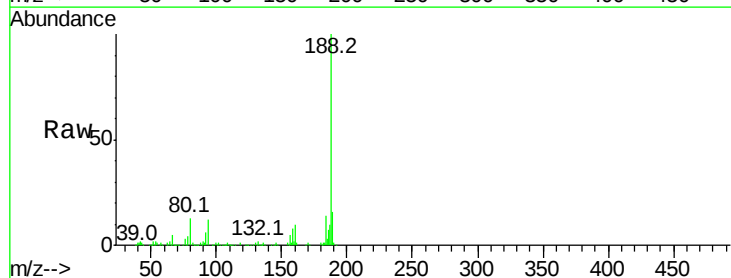


Abundance Ion 165.00 (164.70 to 165.70): E

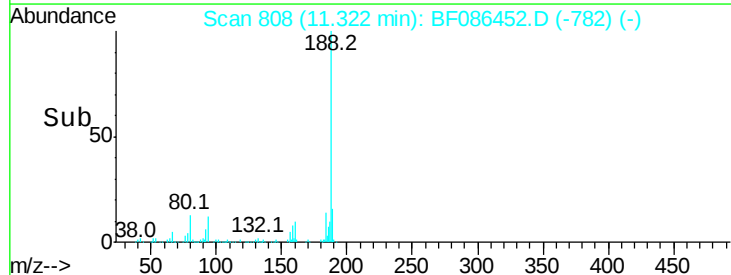
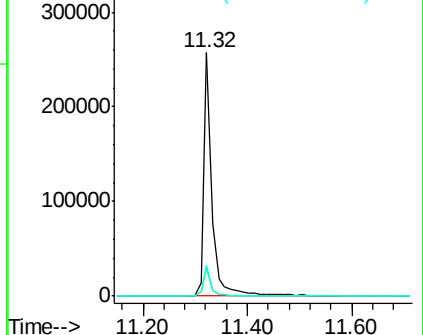


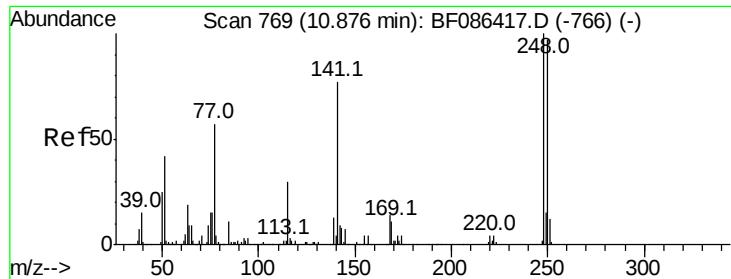
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Tgt Ion:188 Resp: 287220
 Ion Ratio Lower Upper
 188 100
 94 11.7 6.8 10.2#
 80 12.7 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

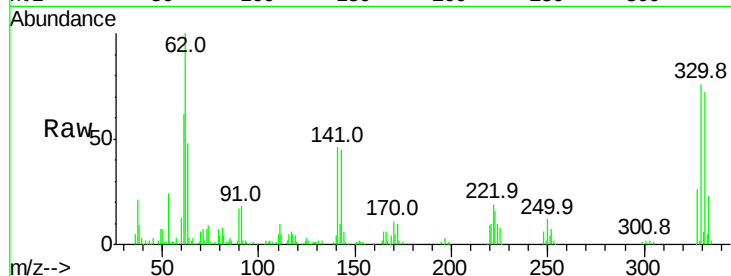




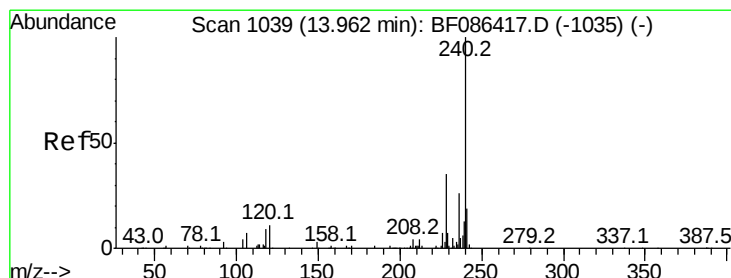
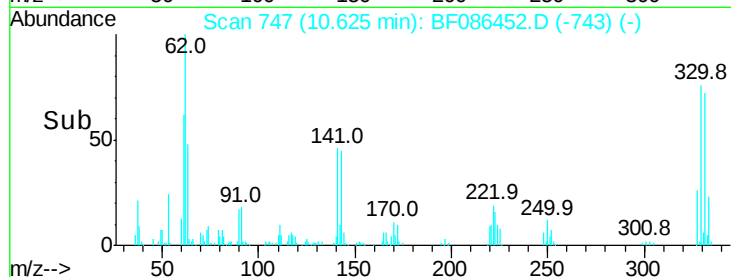
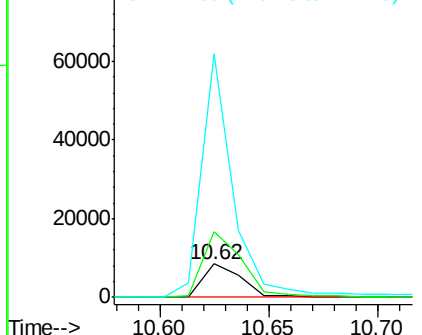
#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.25 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB04(0.5-6.0)

Tot Ion:248 Resp: 10219
 Ion Ratio Lower Upper
 248 100
 250 198.1 78.6 117.8#
 141 732.6 76.0 114.0#

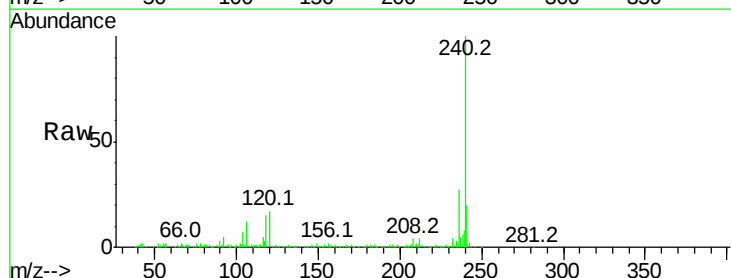


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

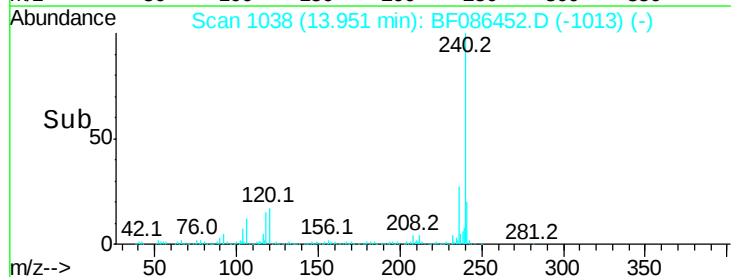
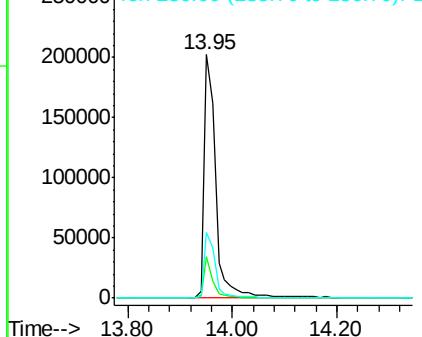


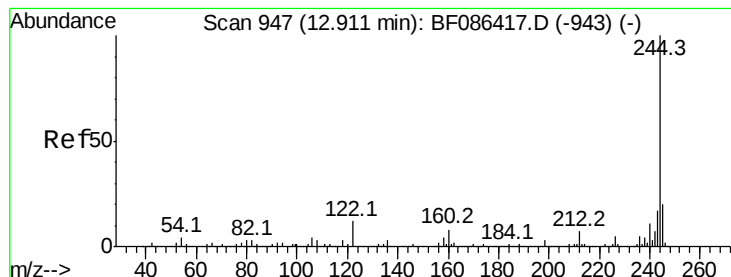
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086452.D
 Acq: 28 Apr 2016 4:46

Tgt Ion:240 Resp: 317007
 Ion Ratio Lower Upper
 240 100
 120 17.0 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: 54.38 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086452.D

Acq: 28 Apr 2016 4:46

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB04(0.5-6.0)

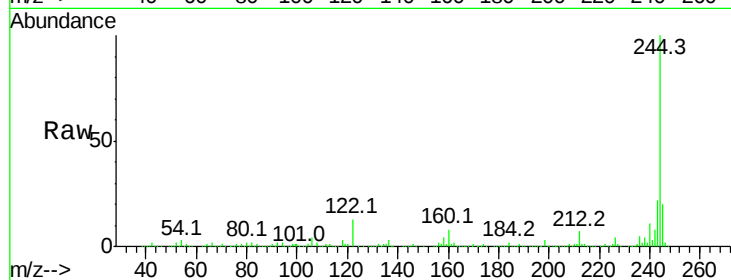
Tot Ion:244 Resp: 782530

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

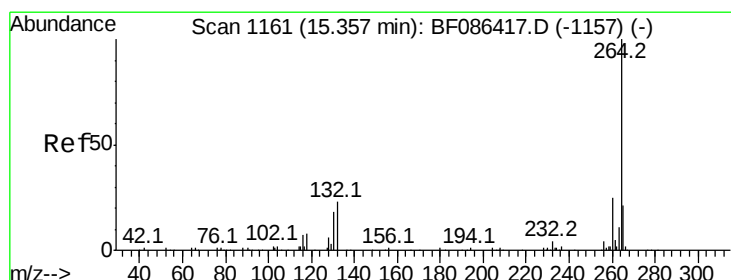
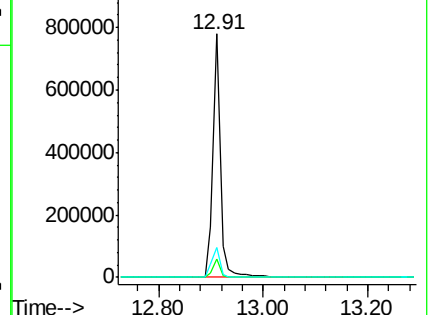
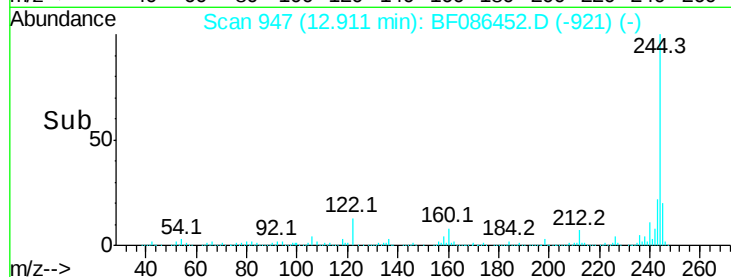
122 12.5 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF086452.D

Acq: 28 Apr 2016 4:46

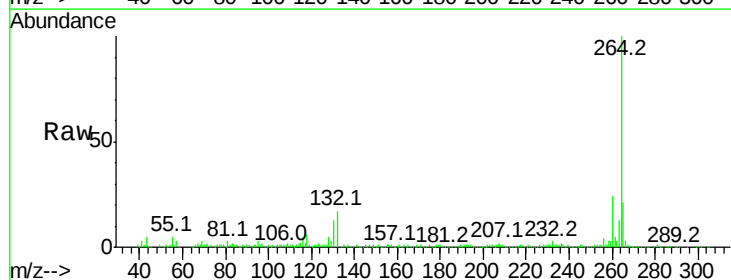
Tgt Ion:264 Resp: 219943

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 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

