

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085951.D
 Acq On : 1 Apr 2016 2:35
 Operator : UM/SJ
 Sample : H2010-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

Quant Time: Apr 01 02:09:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

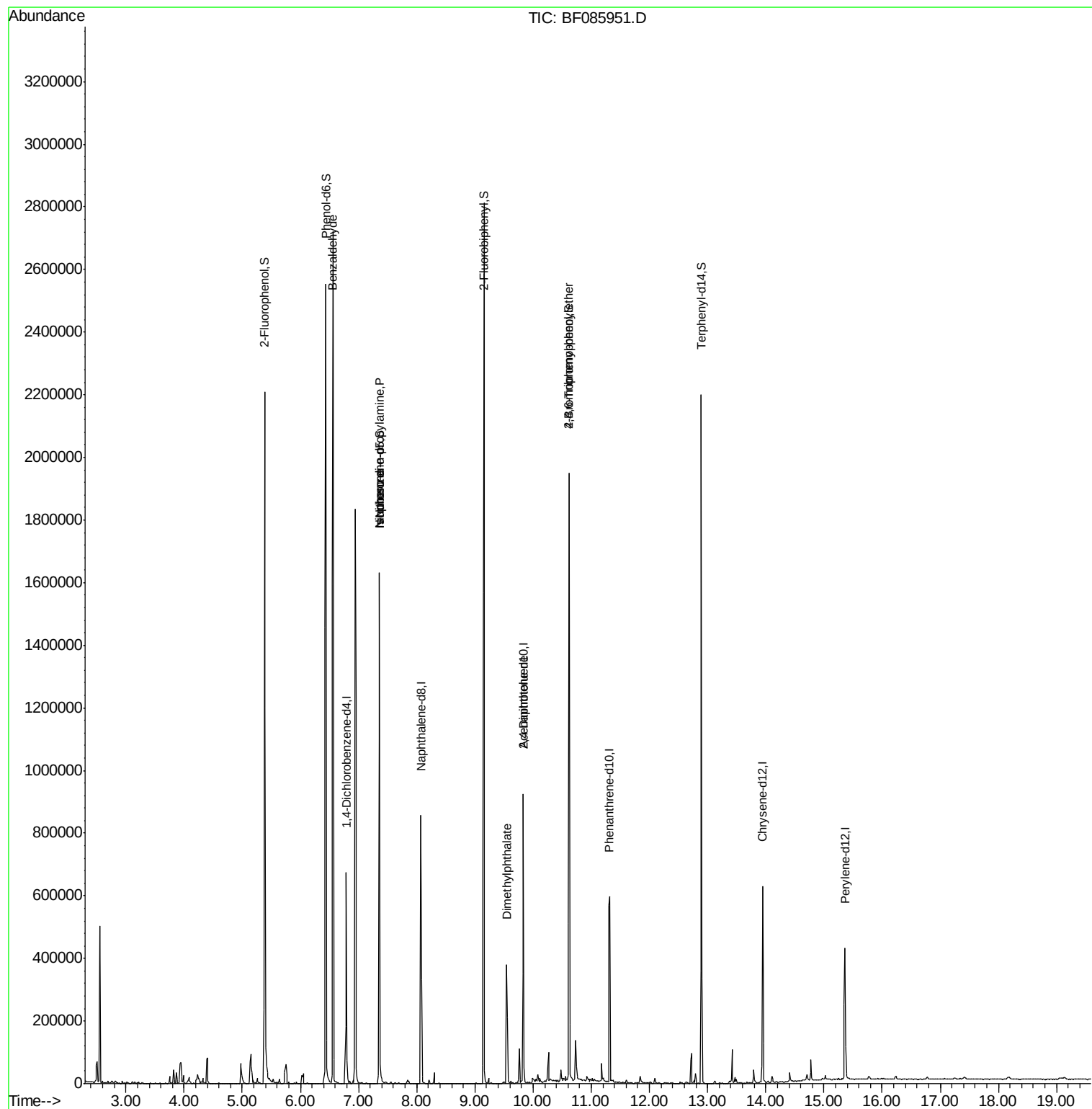
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110674	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	435644	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	194999	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	327439	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	207175	20.00	ng	-0.02
86) Perylene-d12	15.36	264	197669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	845456	127.22	ng	-0.01
7) Phenol-d6	6.44	99	1133122	134.11	ng	-0.01
23) Nitrobenzene-d5	7.36	82	717885	92.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	225341	121.63	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1061056	90.91	ng	-0.01
78) Terphenyl-d14	12.89	244	646450	64.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	20691	4.06	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.36	70	93622	18.51	ng	# 73
25) Isophorone	7.36	82	711269	47.73	ng	# 68
49) Dimethylphthalate	9.54	163	186551	12.61	ng	99
56) 2,4-Dinitrotoluene	9.83	165	24546	6.06	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	16395	4.89	ng	# 1

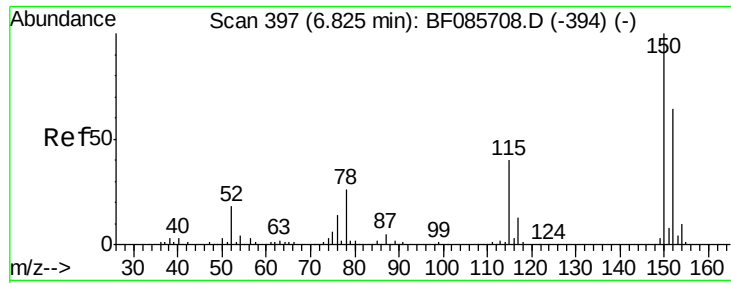
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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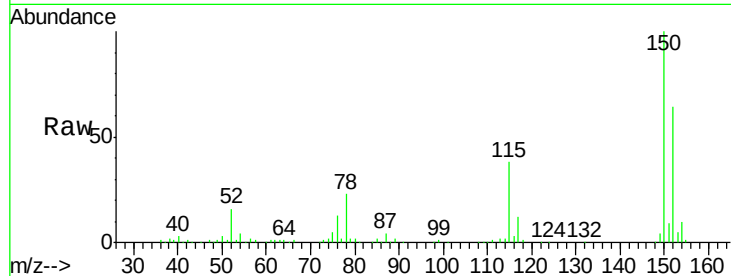




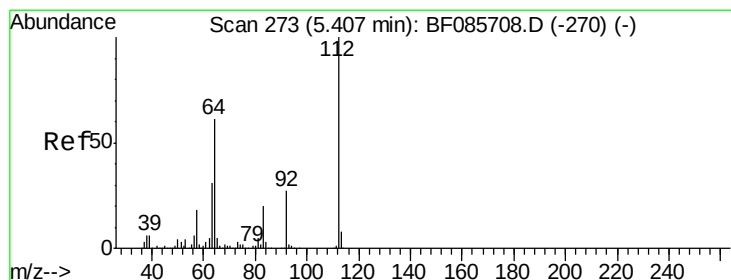
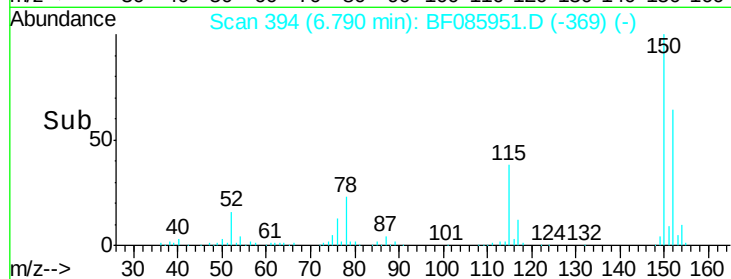
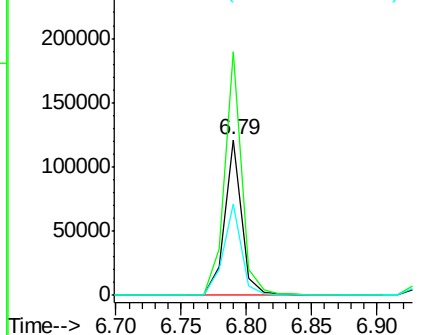
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

Tgt Ion:152 Resp: 110674
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.2 186.2
 115 58.9 47.0 70.6

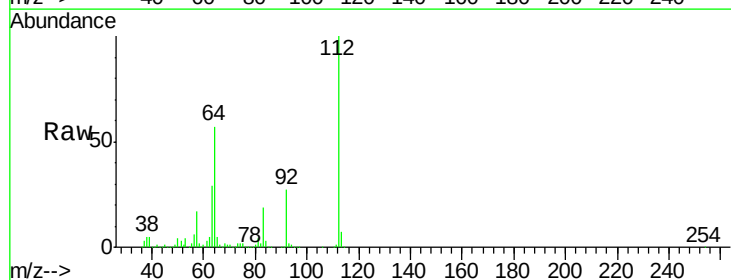


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

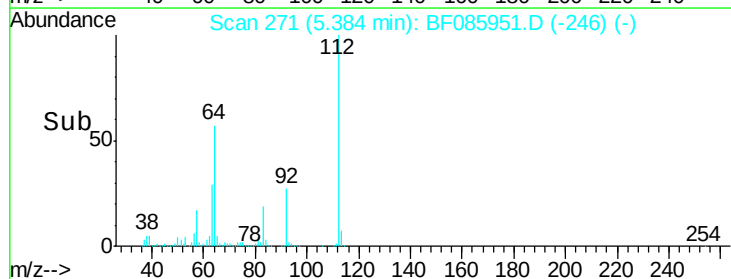
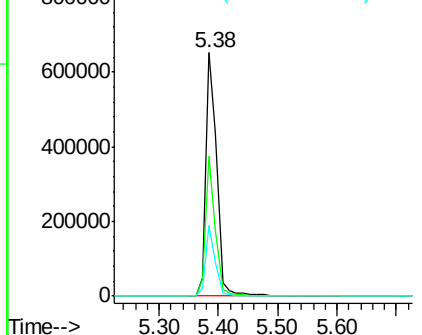


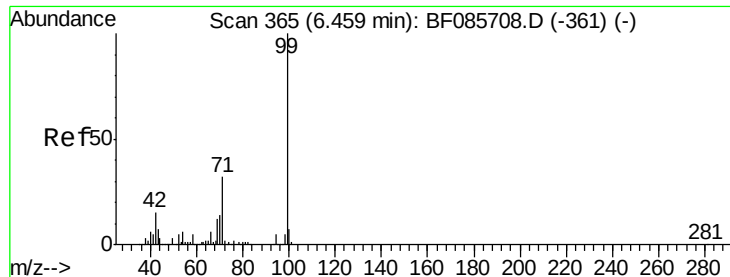
#5
 2-Fluorophenol
 Concen: 127.22 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Tgt Ion:112 Resp: 845456
 Ion Ratio Lower Upper
 112 100
 64 57.3 39.9 59.9
 63 29.1 20.2 30.2



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: 134.11 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085951.D

Acq: 1 Apr 2016 2:35

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB24COMP0.5-15.0

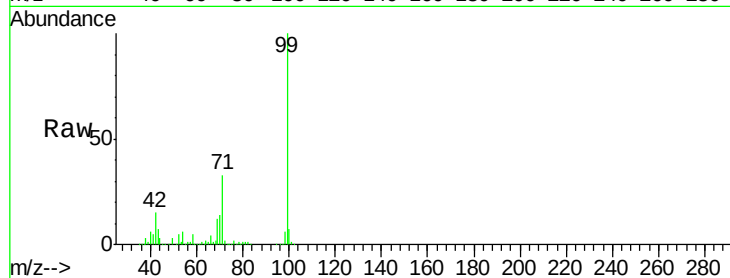
Tgt Ion: 99 Resp: 1133122

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

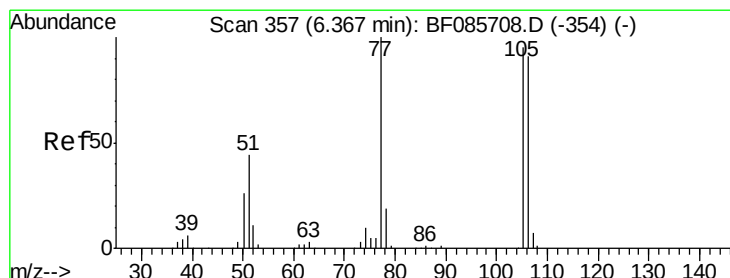
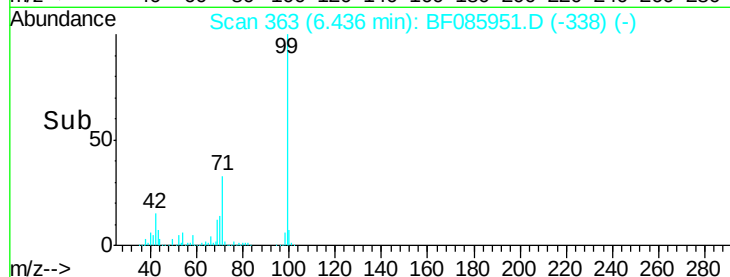
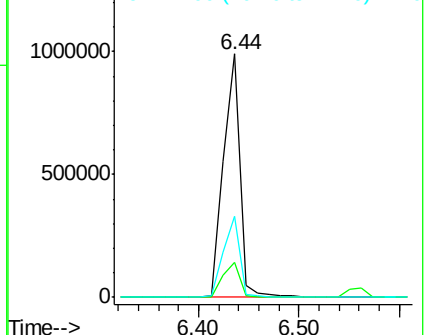
71 33.5 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.06 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085951.D

Acq: 1 Apr 2016 2:35

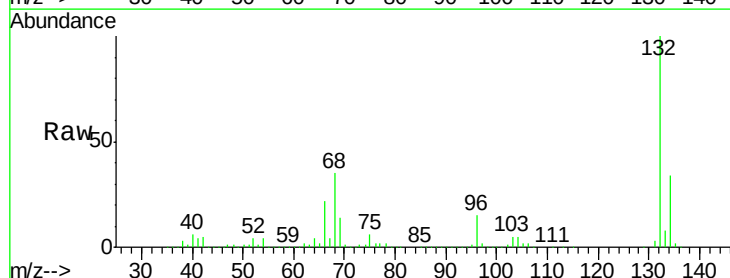
Tgt Ion: 77 Resp: 20691

Ion Ratio Lower Upper

77 100

105 86.5 80.1 120.1

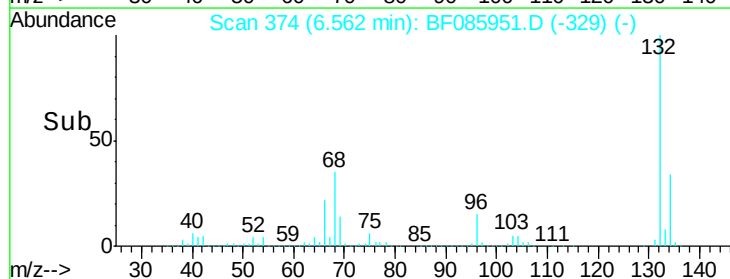
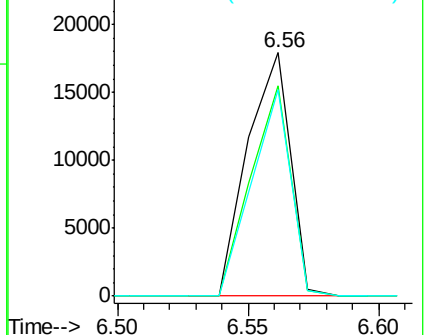
106 84.9 75.0 115.0

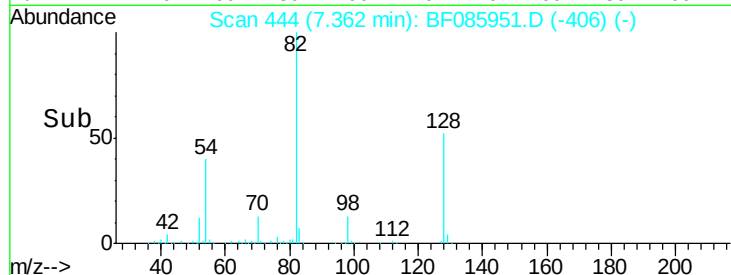
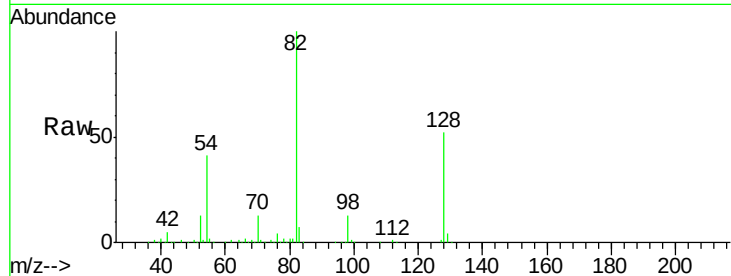
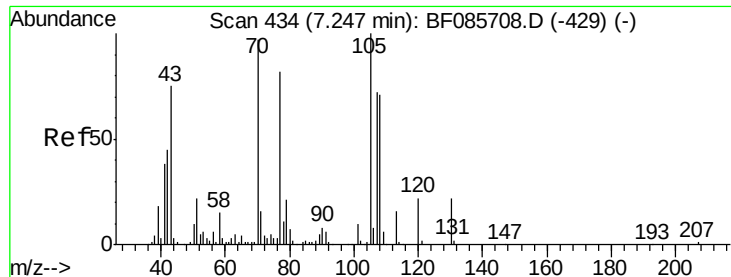


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

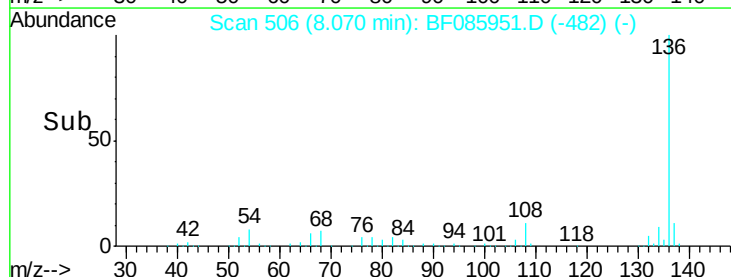
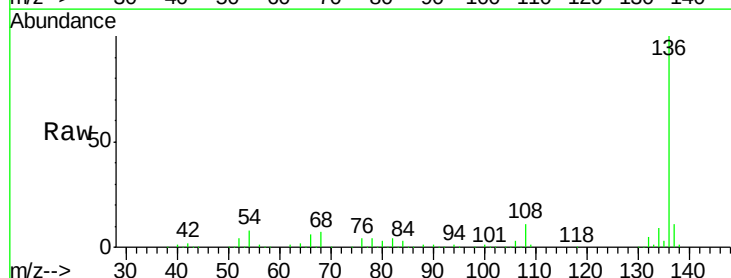
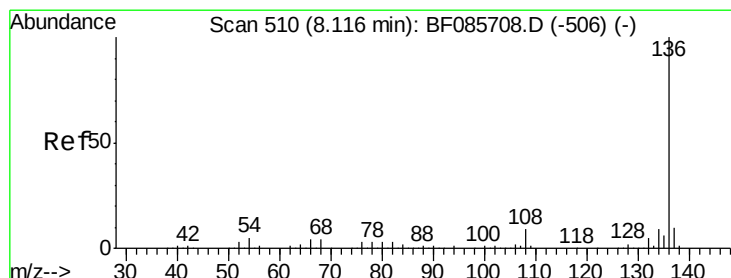
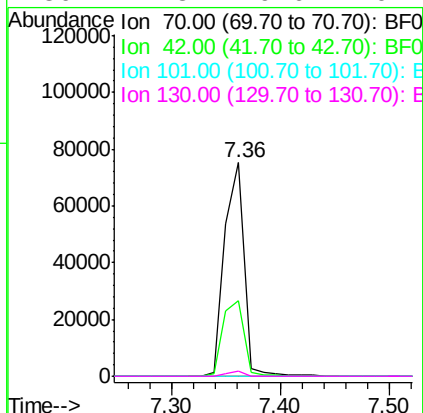




#19
n-Nitroso-di-n-propylamine
Concen: 18.51 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085951.D
Acq: 1 Apr 2016 2:35

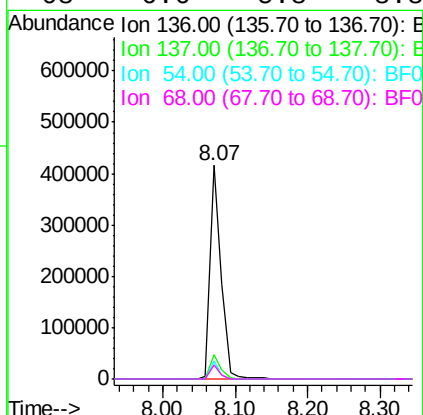
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB24COMP0.5-15.0

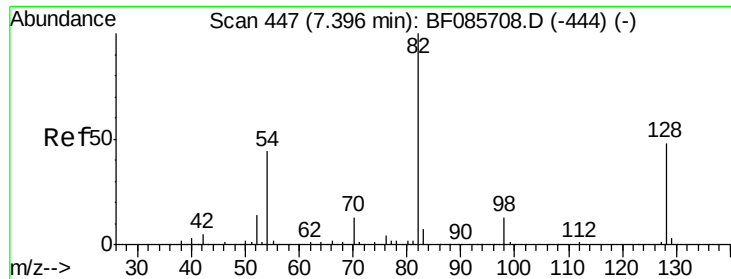
Tgt Ion: 70 Resp: 93622
Ion Ratio Lower Upper
70 100
42 35.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085951.D
Acq: 1 Apr 2016 2:35

Tgt Ion: 136 Resp: 435644
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.1 7.4 11.0
68 6.6 5.8 8.8

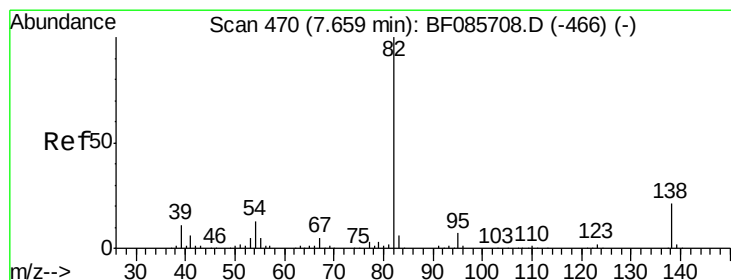
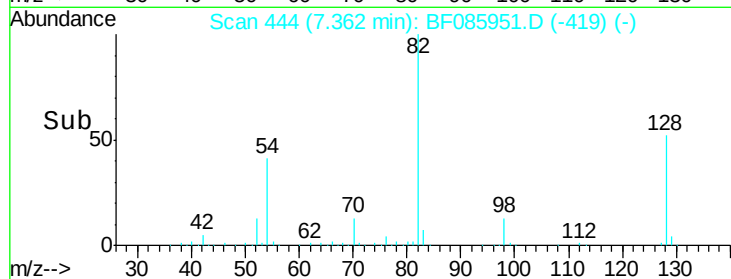
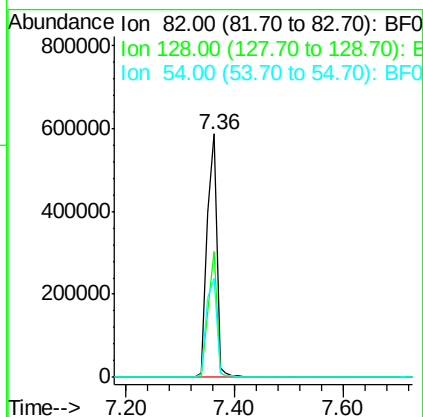
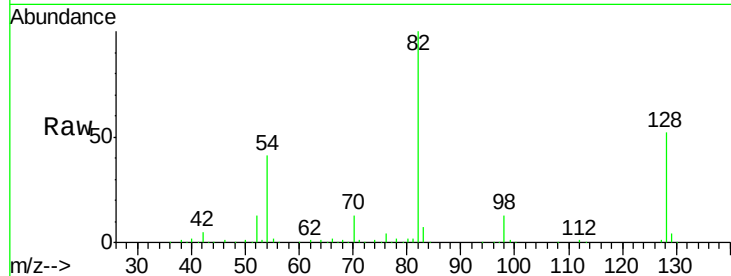




#23
 Nitrobenzene-d5
 Concen: 92.80 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

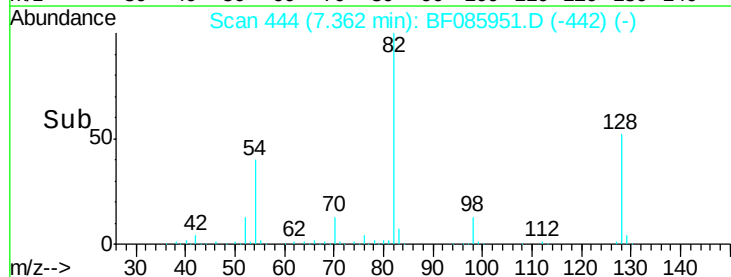
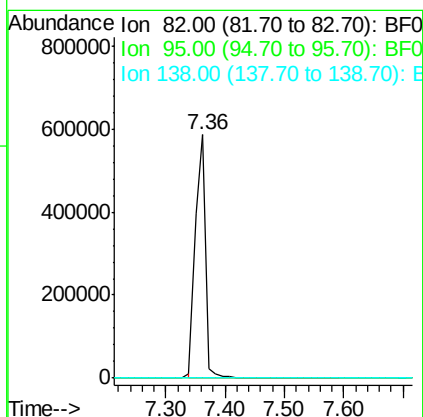
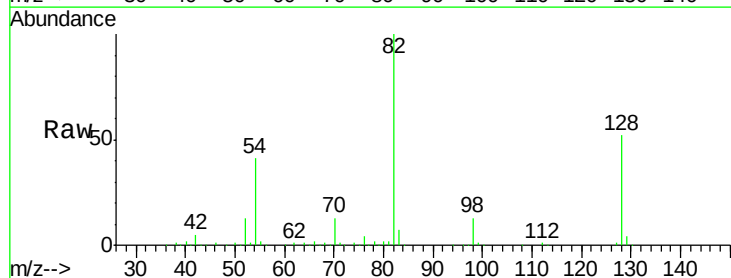
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

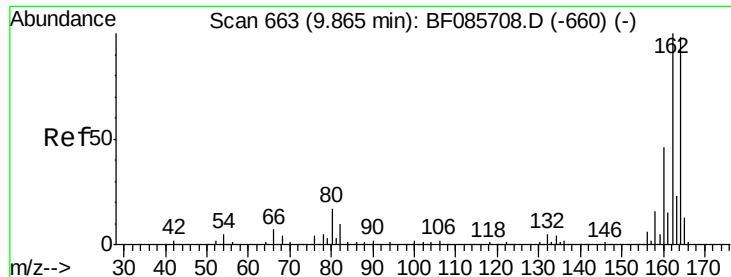
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	41.8	62.8
54	40.6	33.4	50.0



#25
 Isophorone
 Concen: 47.73 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

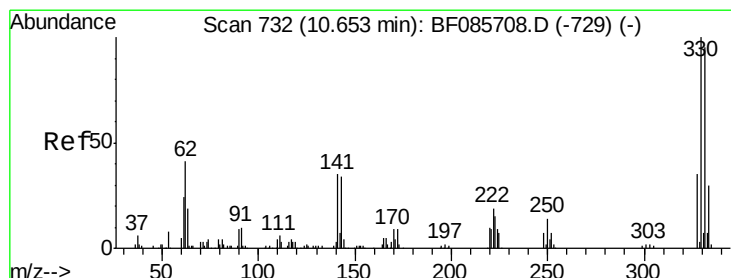
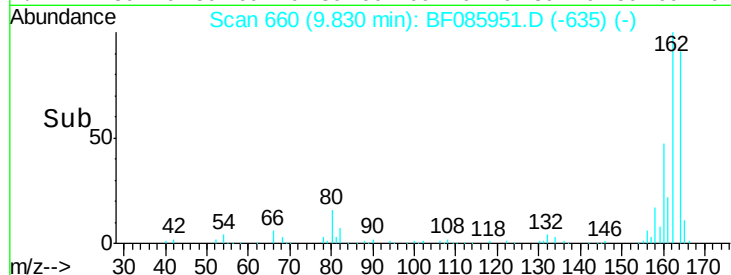
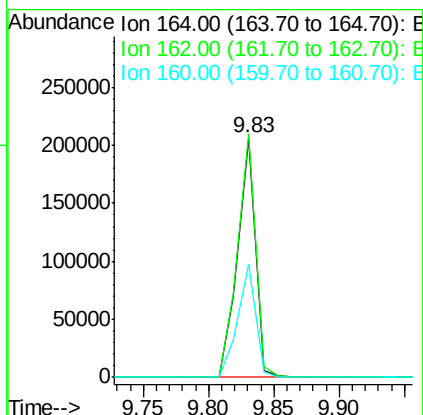
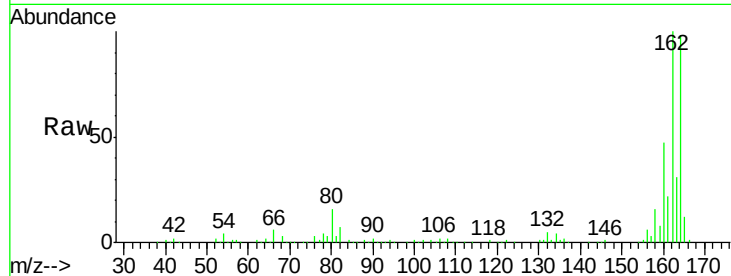




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

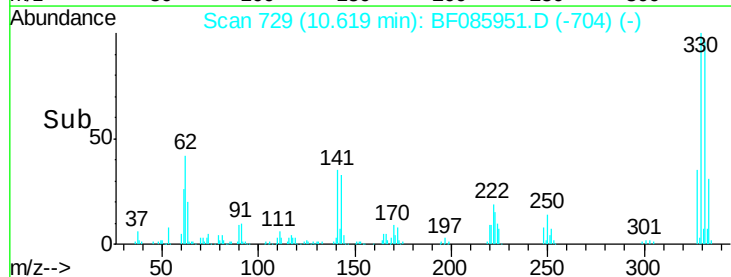
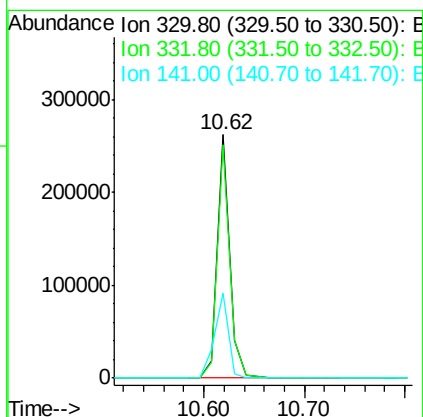
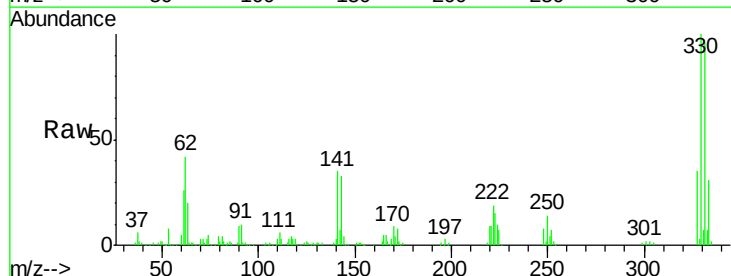
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

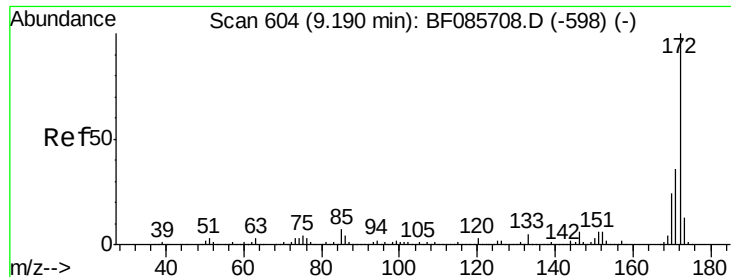
Tgt Ion:164 Resp: 194999
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 47.6 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 121.63 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Tgt Ion:330 Resp: 225341
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 39.4 31.5 47.3

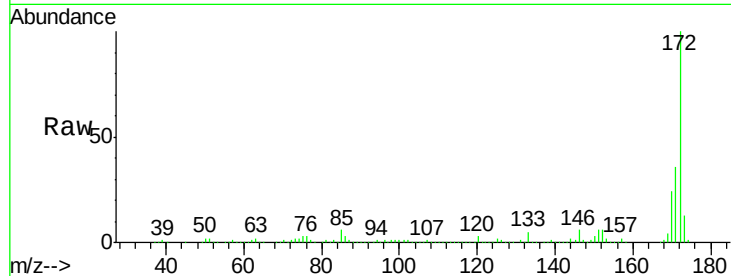




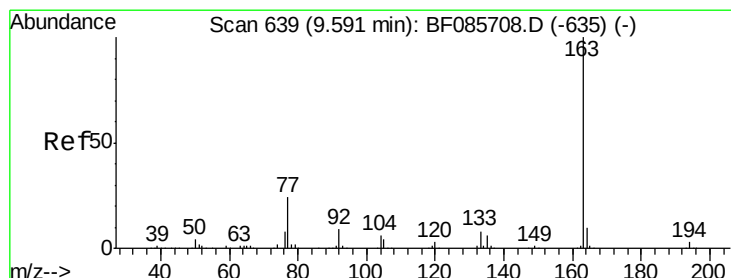
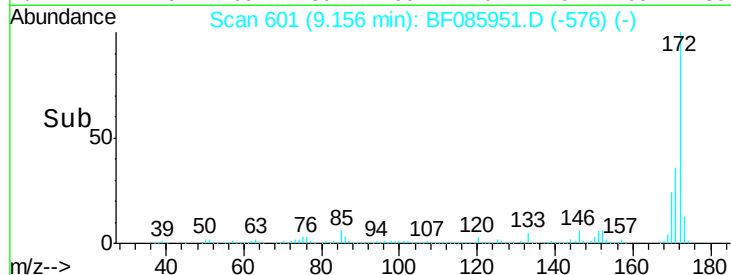
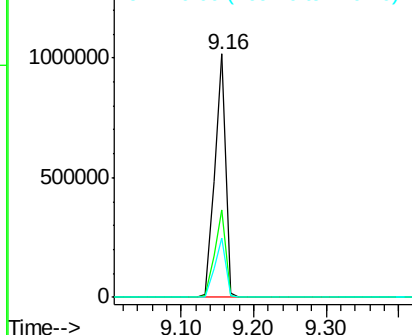
#44
 2-Fluorobiphenyl
 Concen: 90.91 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

Tgt Ion:172 Resp: 1061056
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.4 19.8 29.6

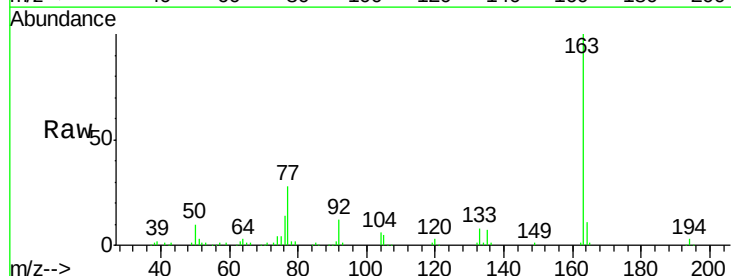


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

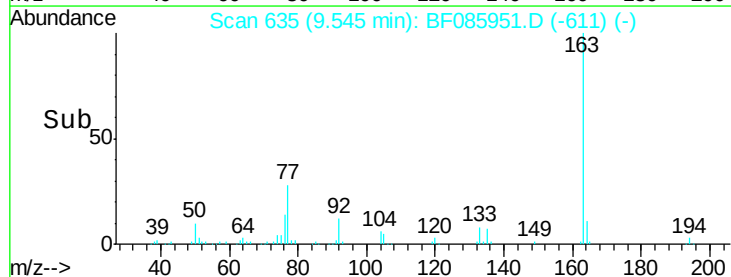
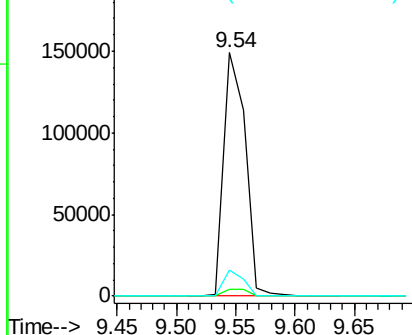


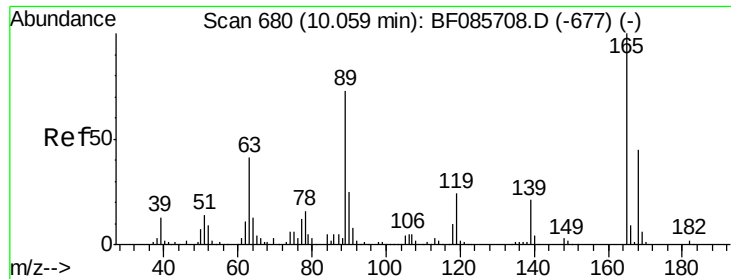
#49
 Dimethylphthalate
 Concen: 12.61 ng
 RT: 9.54 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Tgt Ion:163 Resp: 186551
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.9 4.3
 164 10.7 8.3 12.5



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

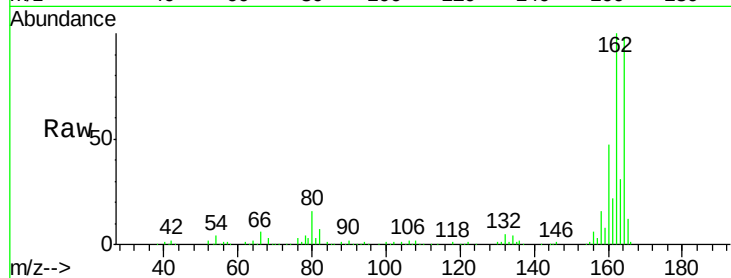




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#

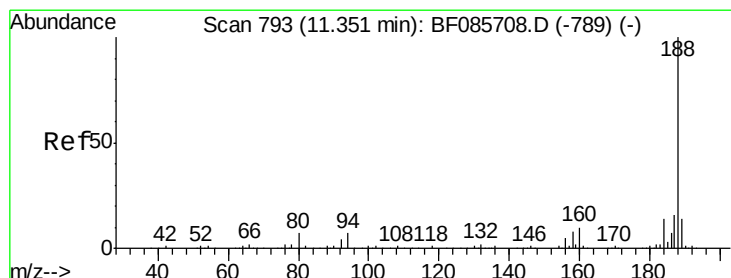
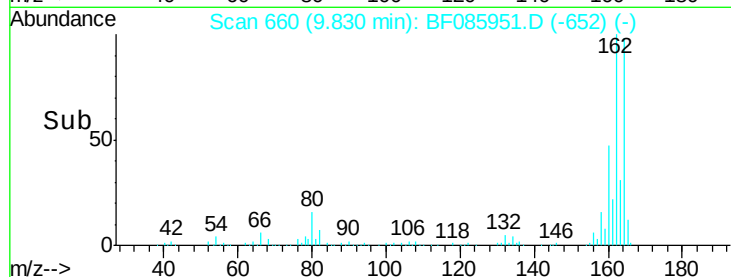
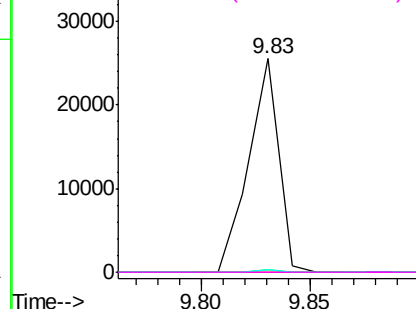


Abundance Ion 165.00 (164.70 to 165.70): E

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



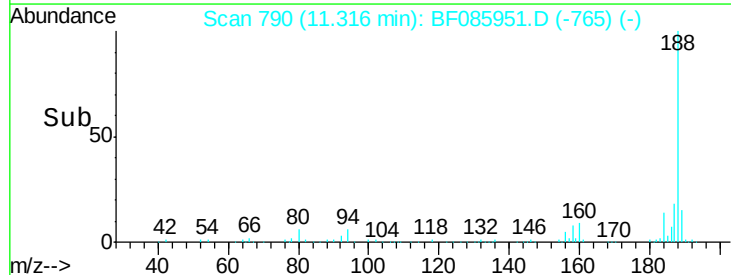
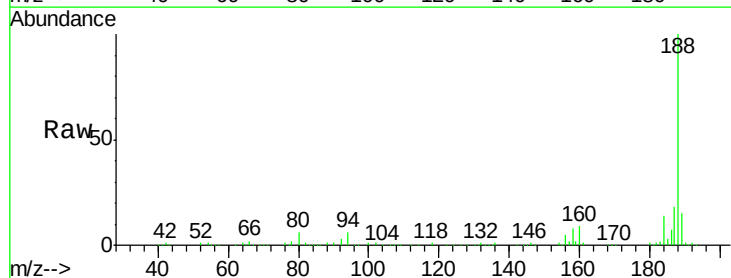
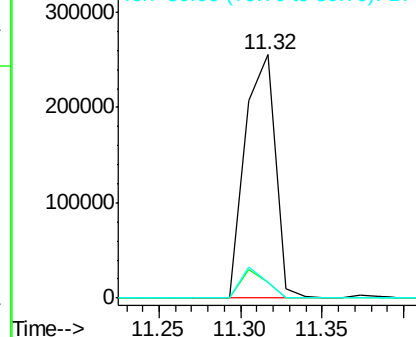
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

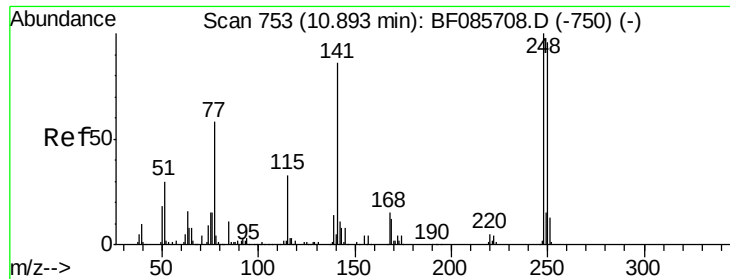
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.0
80	6.3	5.5	8.3

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

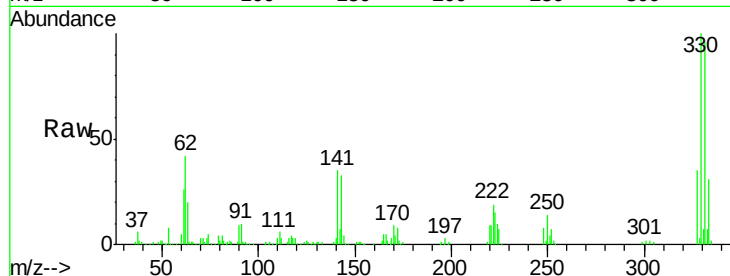




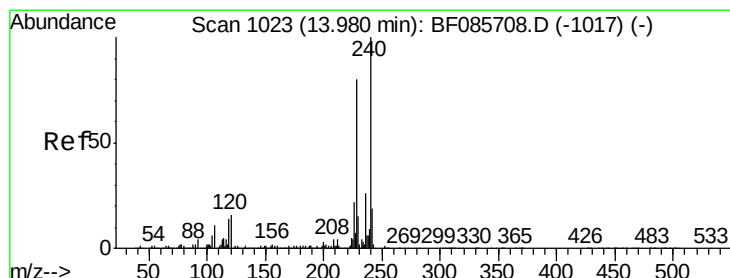
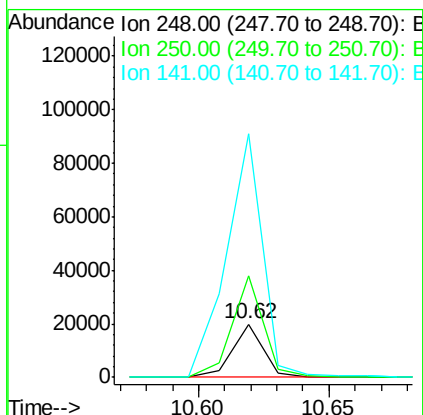
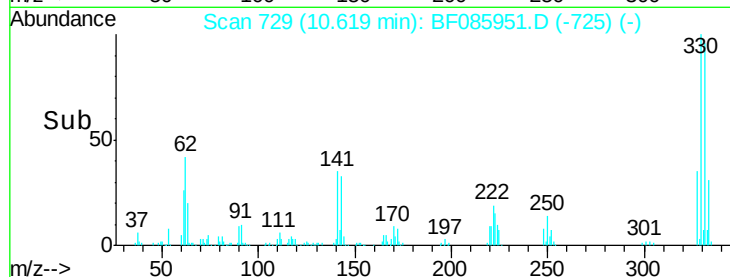
#66
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.25 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

Tgt Ion:248 Resp: 16395
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.4 116.0#
 141 457.9 63.6 95.4#

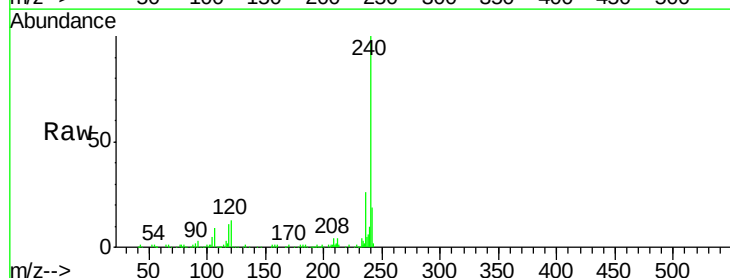


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

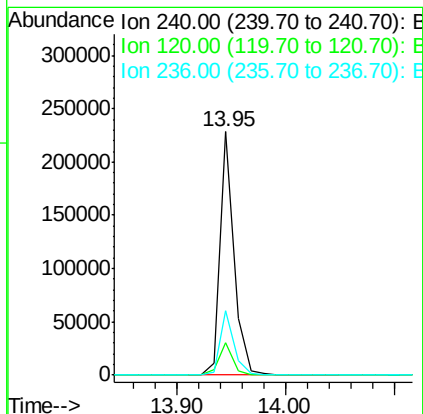
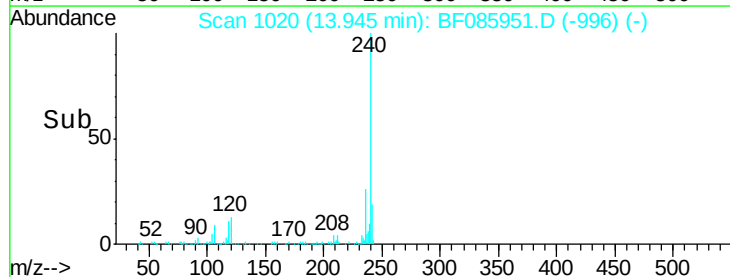


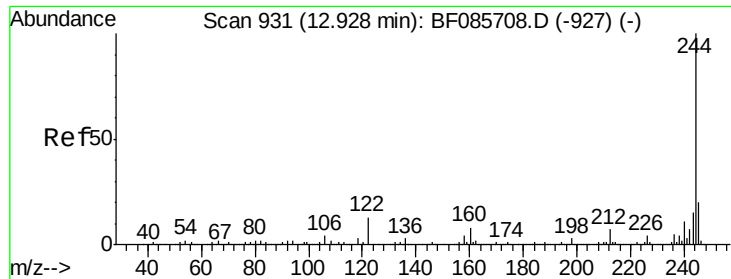
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Tgt Ion:240 Resp: 207175
 Ion Ratio Lower Upper
 240 100
 120 13.3 13.8 20.8#
 236 26.4 20.6 30.8



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

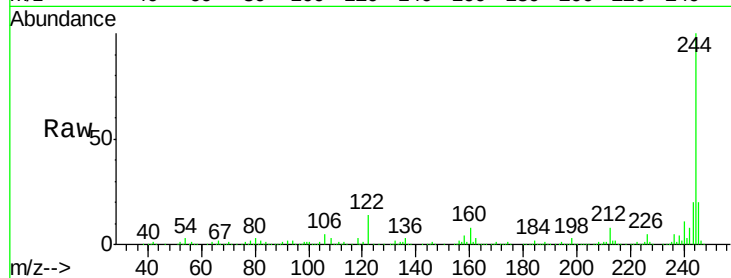




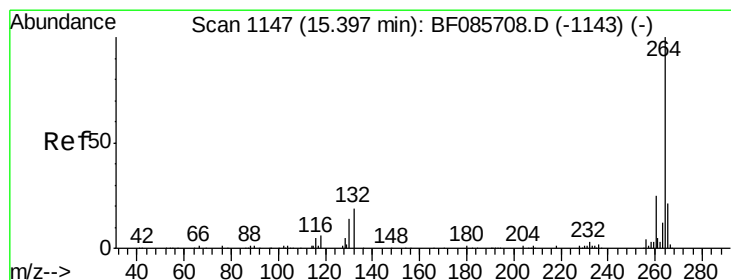
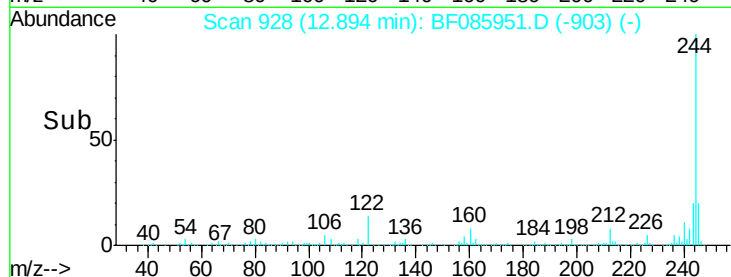
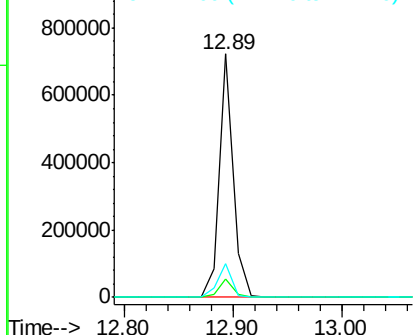
#78
 Terphenyl-d14
 Concen: 64.17 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB24COMP0.5-15.0

Tgt Ion: 244 Resp: 646450
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.9 10.2 15.4

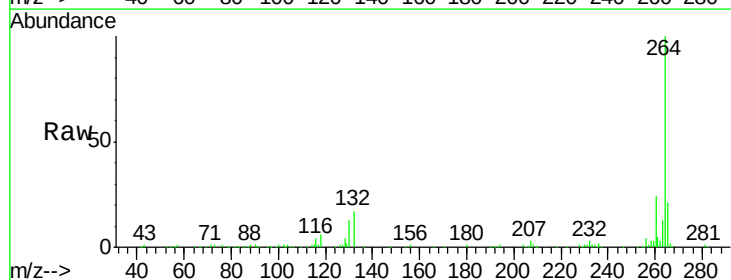


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085951.D
 Acq: 1 Apr 2016 2:35

Tgt Ion: 264 Resp: 197669
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.0 17.2 25.8



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

