

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085856.D
 Acq On : 29 Mar 2016 18:39
 Operator : UM/SJ
 Sample : H1970-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 29 23:50:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

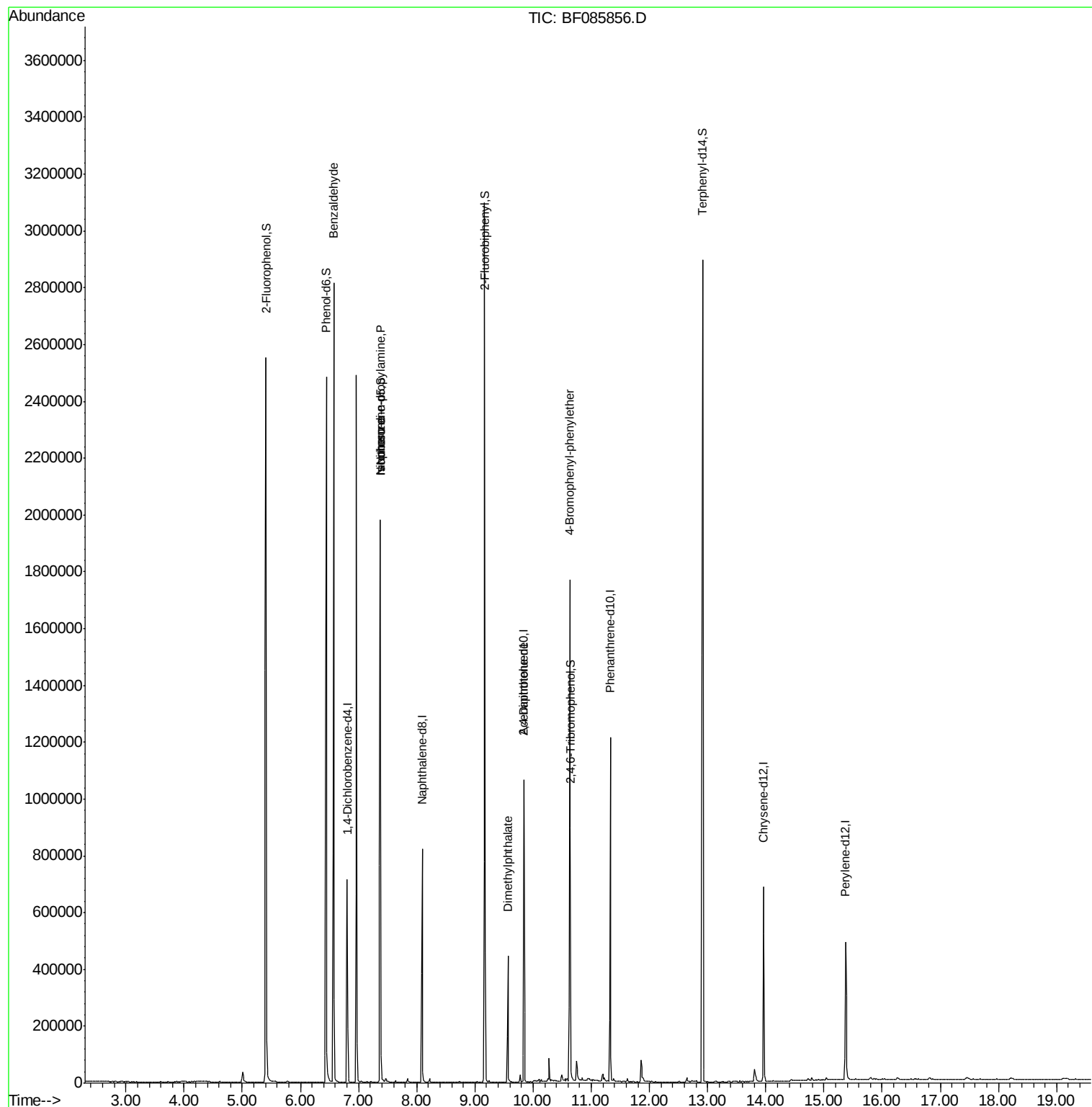
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107585	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	437258	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	204518	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	421537	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	313788	20.00	ng	-0.02
86) Perylene-d12	15.37	264	233148	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	903053	139.79	ng	0.00
7) Phenol-d6	6.45	99	1125132	136.99	ng	-0.01
23) Nitrobenzene-d5	7.37	82	708068	91.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	287294	147.85	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1012512	82.71	ng	-0.02
78) Terphenyl-d14	12.92	244	1033349	67.73	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	18512	3.74	ng	82
19) n-Nitroso-di-n-propylamine	7.37	70	94177	19.15	ng	# 77
25) Isophorone	7.37	82	517962	34.63	ng	# 68
49) Dimethylphthalate	9.57	163	197741	12.74	ng	99
56) 2,4-Dinitrotoluene	9.84	165	25587	6.03	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	17159	3.98	ng	# 1

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

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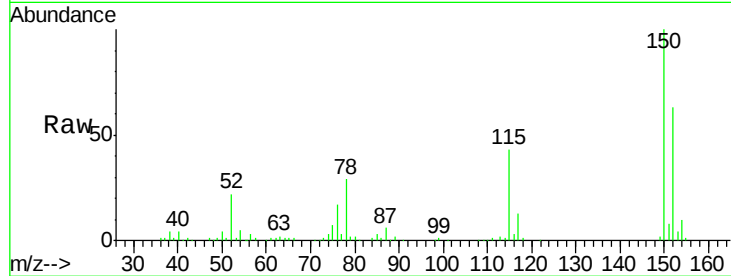


#1

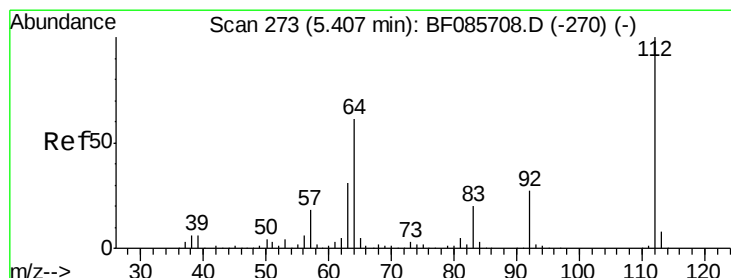
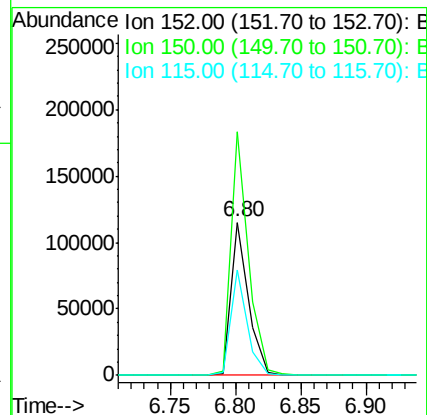
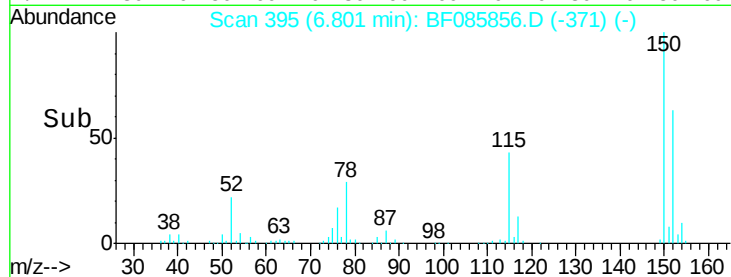
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085856.D
Acq: 29 Mar 2016 18:39

Instrument :
BNA_F
ClientSampled :
TP-7

Tgt Ion:152 Resp: 107585
Ion Ratio Lower Upper
152 100
150 159.3 124.2 186.2
115 69.3 47.0 70.6



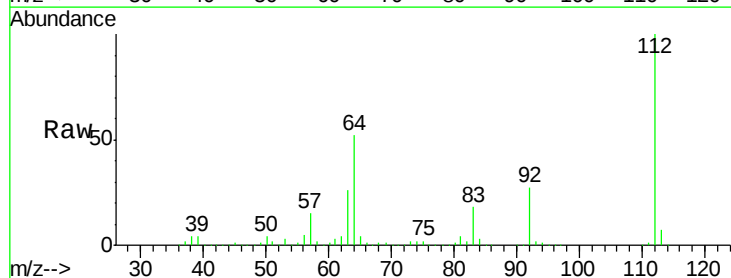
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



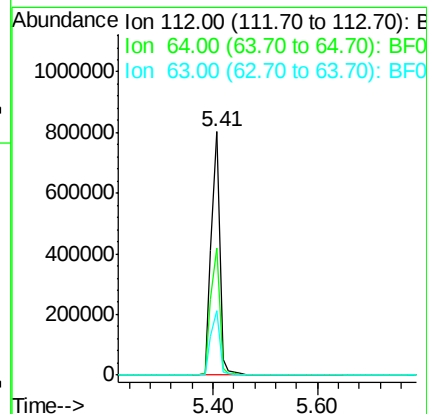
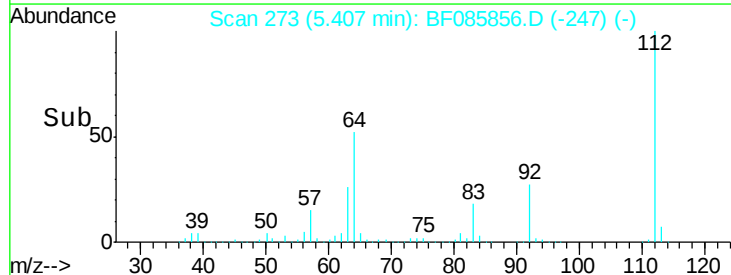
#5

2-Fluorophenol
Concen: 139.79 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085856.D
Acq: 29 Mar 2016 18:39

Tgt Ion:112 Resp: 903053
Ion Ratio Lower Upper
112 100
64 52.0 39.9 59.9
63 26.4 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: 136.99 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085856.D

Acq: 29 Mar 2016 18:39

Instrument :

BNA_F

ClientSampleId :

TP-7

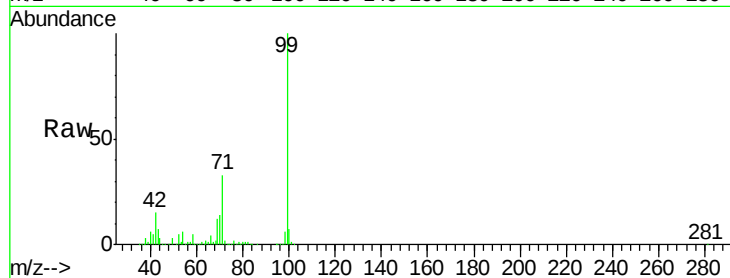
Tgt Ion: 99 Resp: 1125132

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

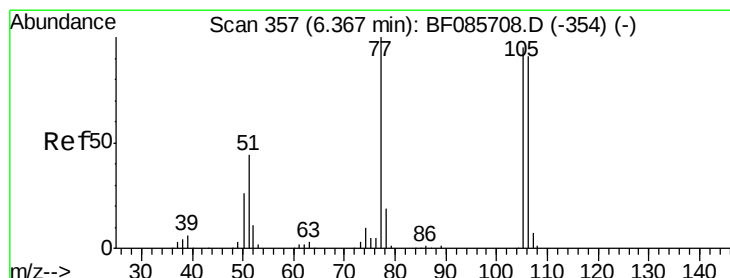
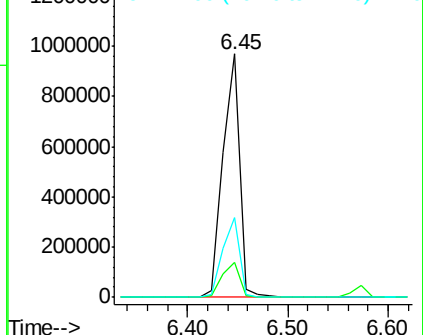
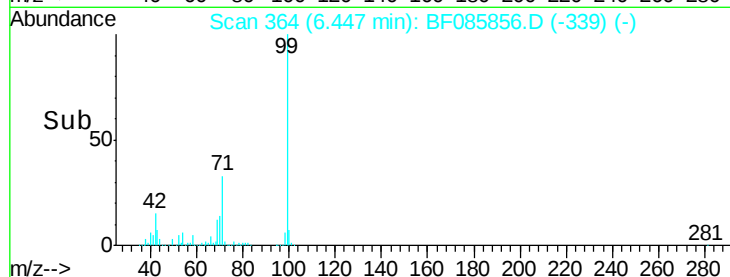
71 32.9 24.9 37.3



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: 3.74 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.21 min

Lab File: BF085856.D

Acq: 29 Mar 2016 18:39

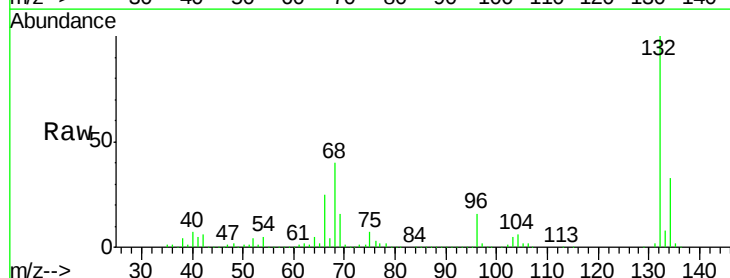
Tgt Ion: 77 Resp: 18512

Ion Ratio Lower Upper

77 100

105 80.8 80.1 120.1

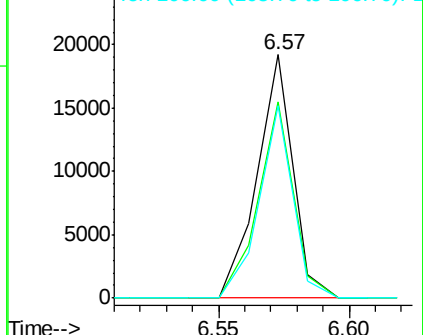
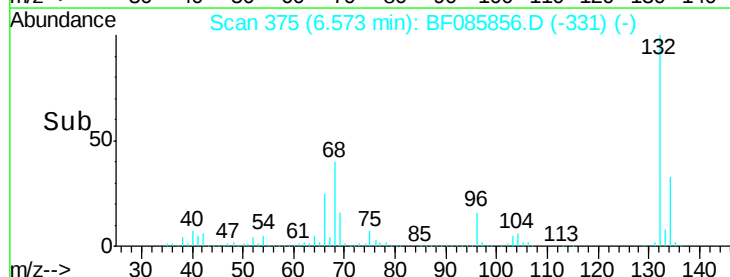
106 79.1 75.0 115.0

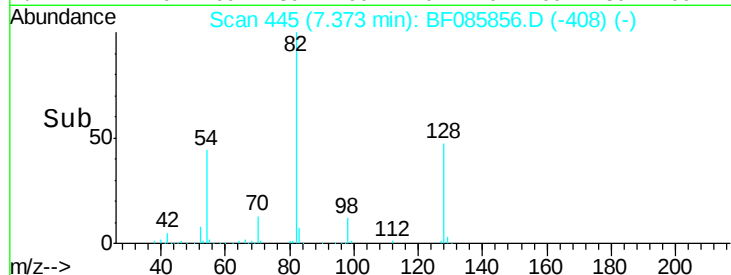
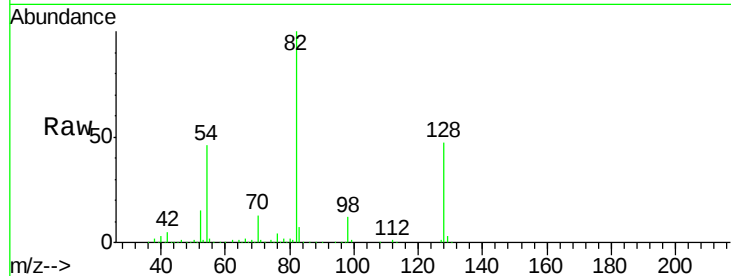
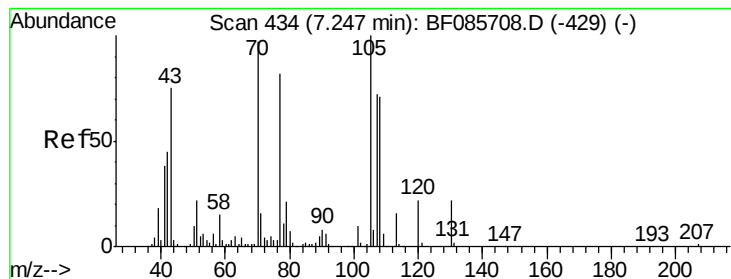


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 19.15 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085856.D

Acq: 29 Mar 2016 18:39

Instrument :

BNA_F

ClientSampled :

TP-7

Tgt Ion: 70 Resp: 94177

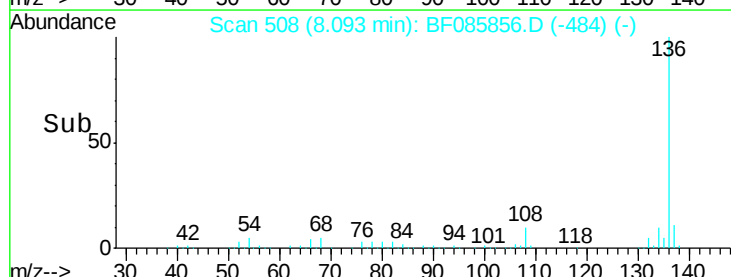
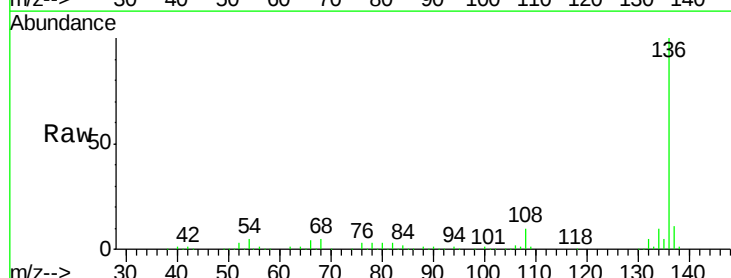
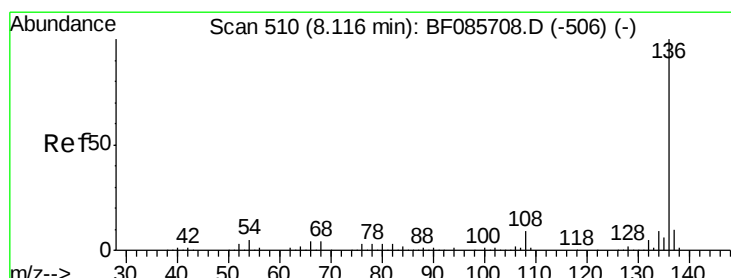
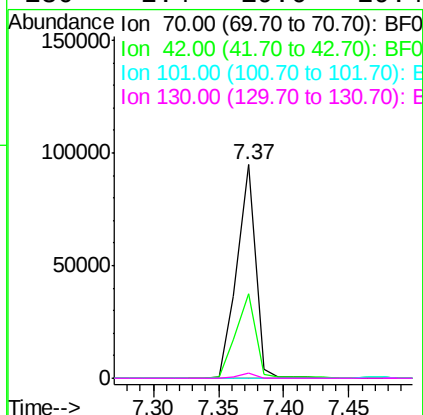
Ion Ratio Lower Upper

70 100

42 39.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085856.D

Acq: 29 Mar 2016 18:39

Tgt Ion: 136 Resp: 437258

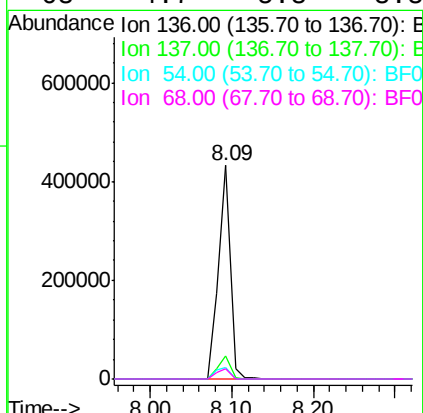
Ion Ratio Lower Upper

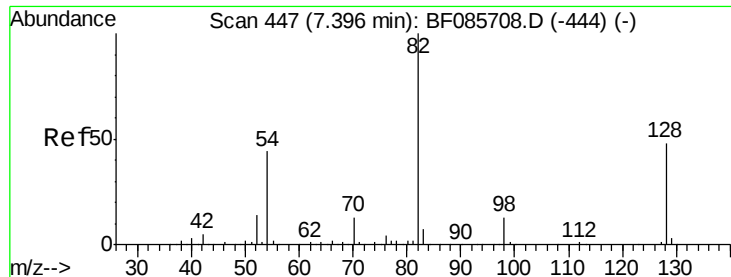
136 100

137 10.8 9.1 13.7

54 5.2 7.4 11.0#

68 4.7 5.8 8.8#

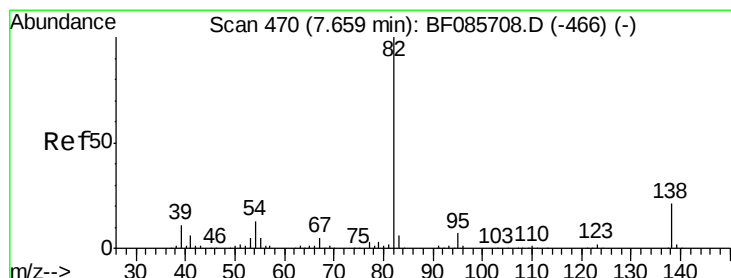
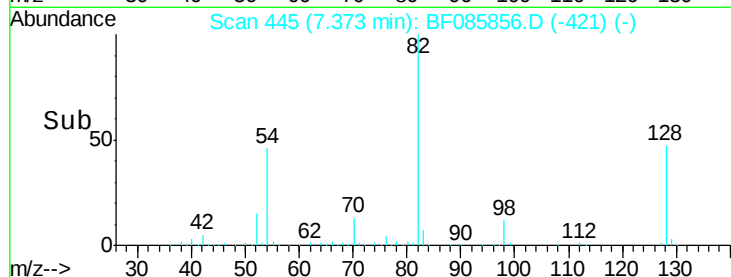
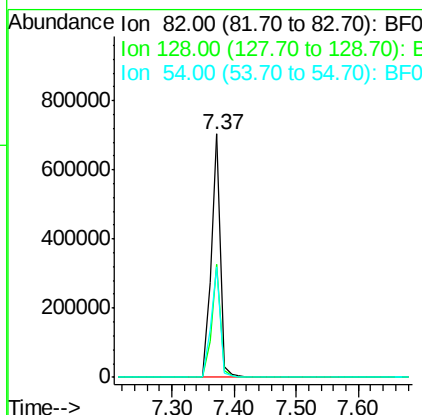
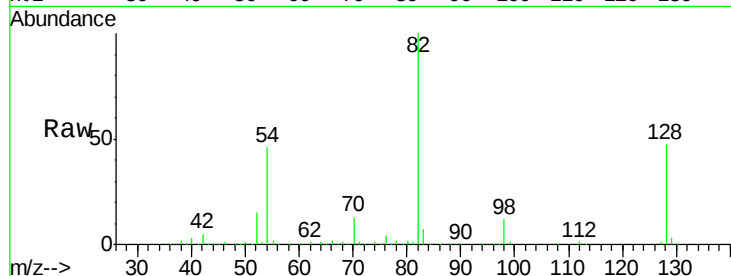




#23
 Nitrobenzene-d5
 Concen: 91.19 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

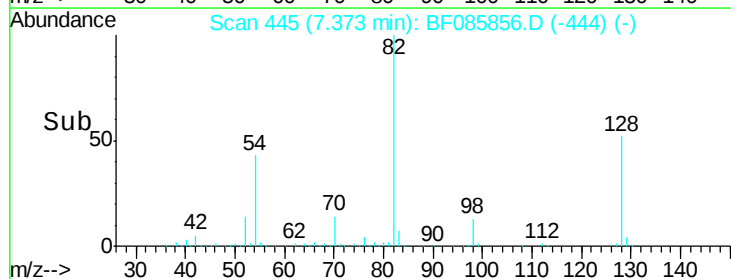
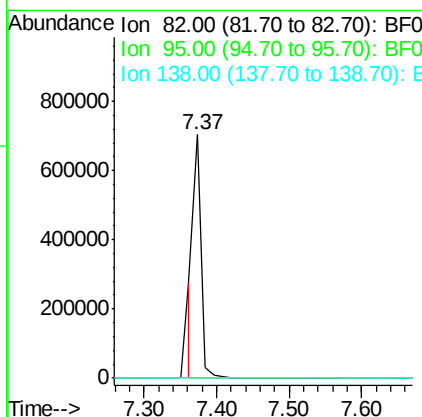
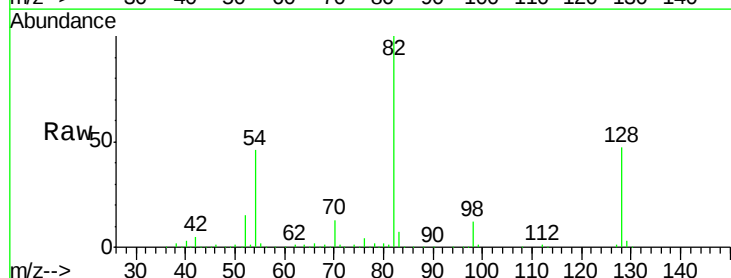
Instrument :
 BNA_F
 ClientSampled :
 TP-7

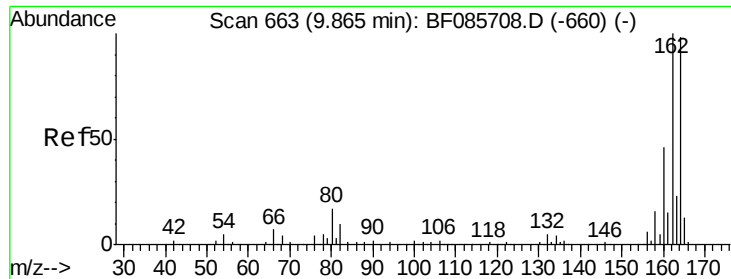
Tgt Ion: 82 Resp: 708068
 Ion Ratio Lower Upper
 82 100
 128 46.7 41.8 62.8
 54 45.5 33.4 50.0



#25
 Isophorone
 Concen: 34.63 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.29 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Tgt Ion: 82 Resp: 517962
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

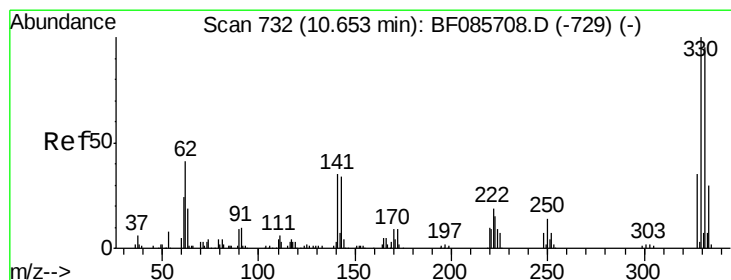
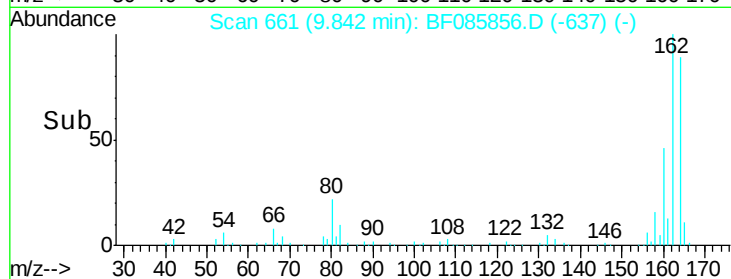
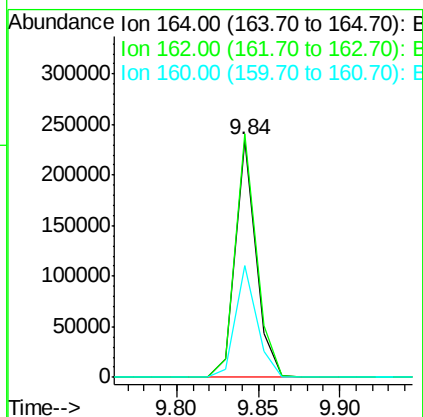
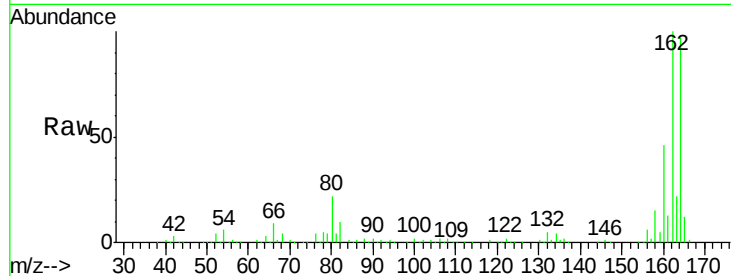




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

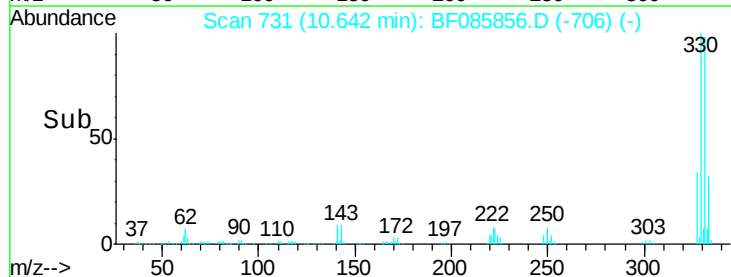
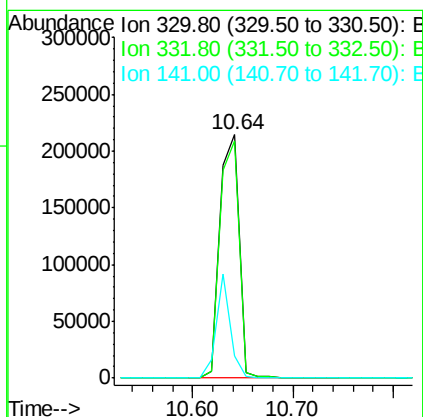
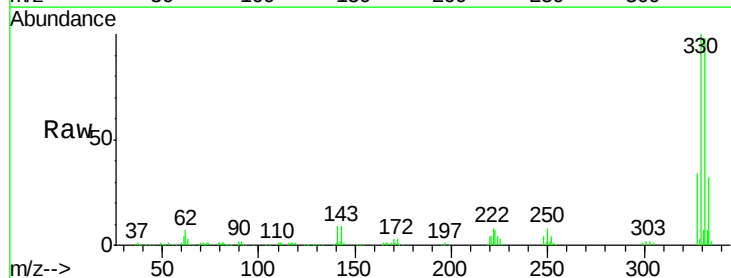
Instrument :
 BNA_F
 ClientSampleId :
 TP-7

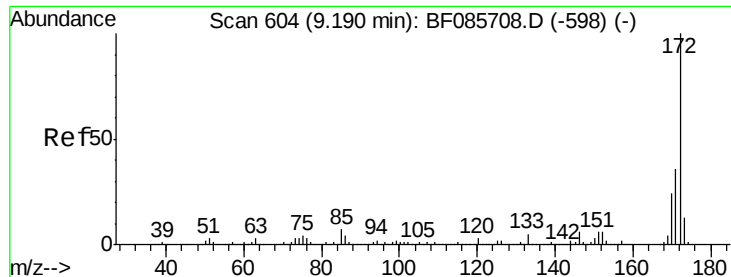
Tgt Ion:164 Resp: 204518
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 47.2 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 147.85 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Tgt Ion:330 Resp: 287294
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 31.1 31.5 47.3#

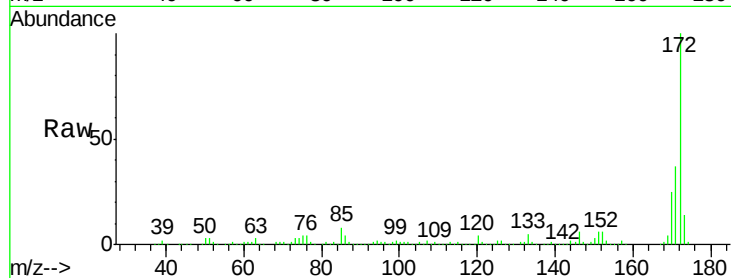




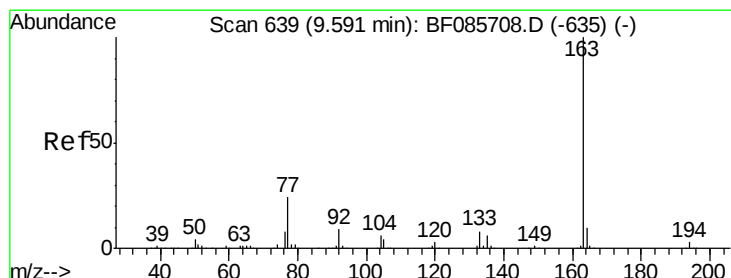
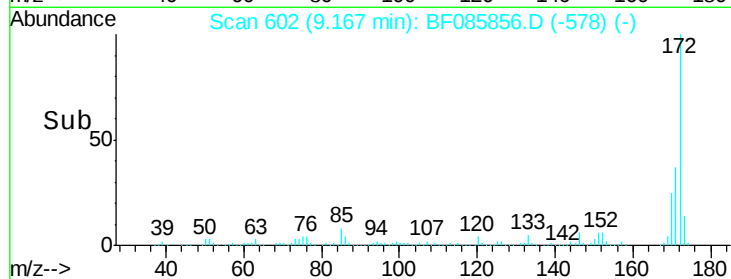
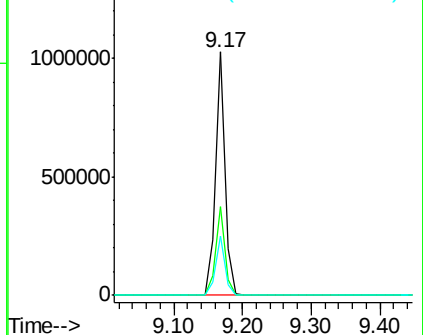
#44
 2-Fluorobiphenyl
 Concen: 82.71 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tgt Ion:172 Resp: 1012512
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.5 19.8 29.6

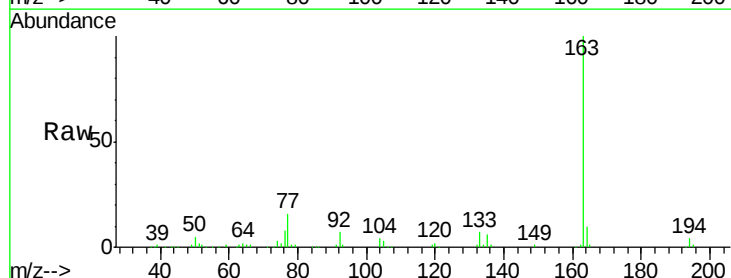


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

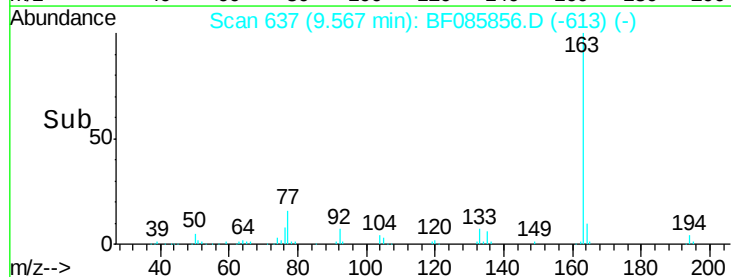
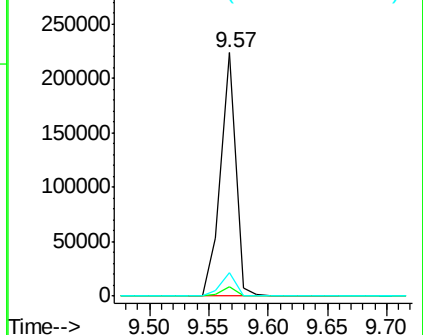


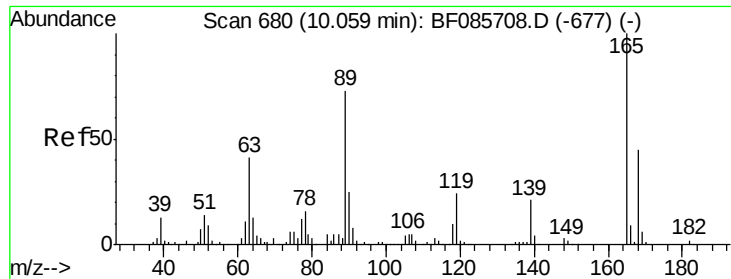
#49
 Dimethylphthalate
 Concen: 12.74 ng
 RT: 9.57 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Tgt Ion:163 Resp: 197741
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.8 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

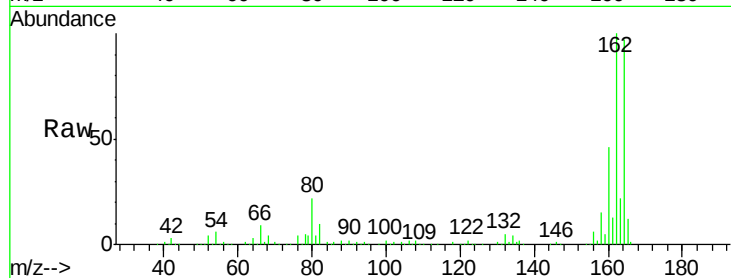




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.22 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

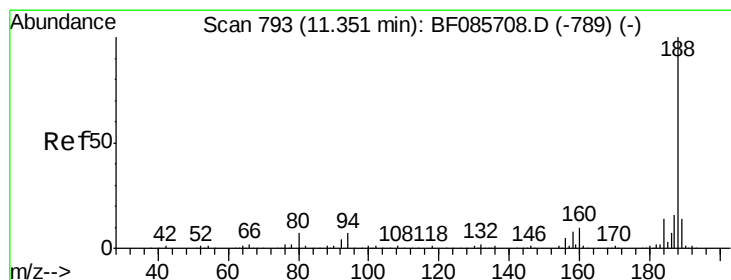
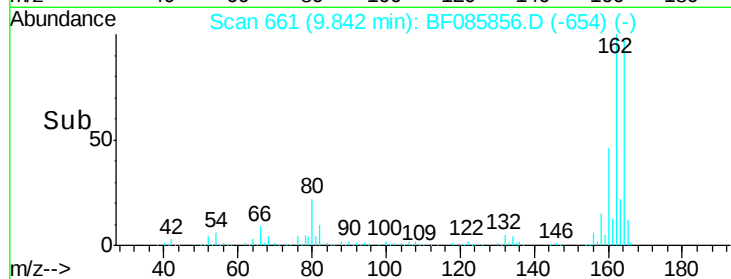
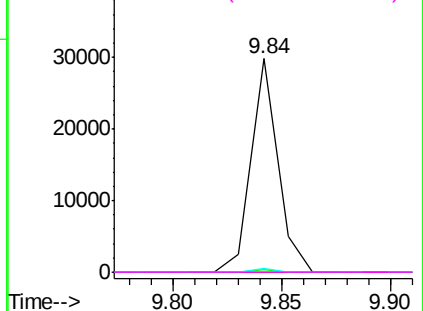


Abundance Ion 165.00 (164.70 to 165.70): E

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



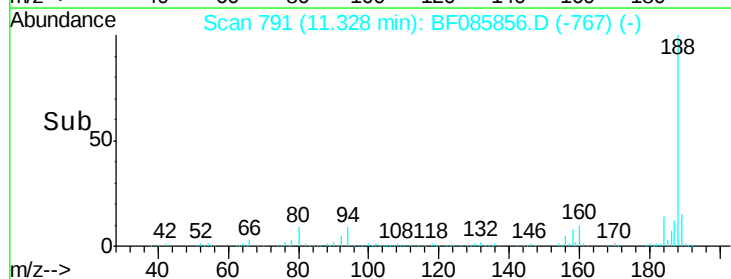
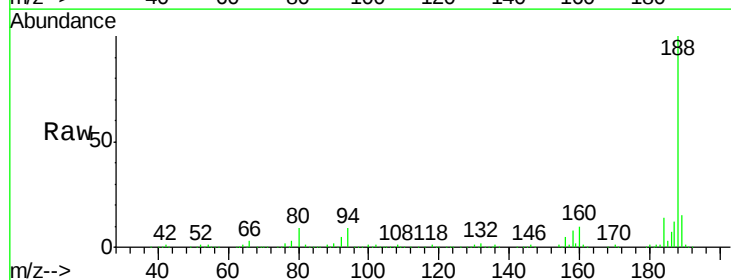
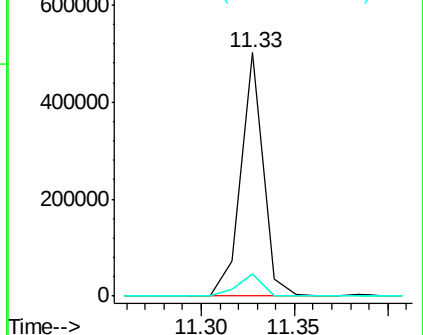
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

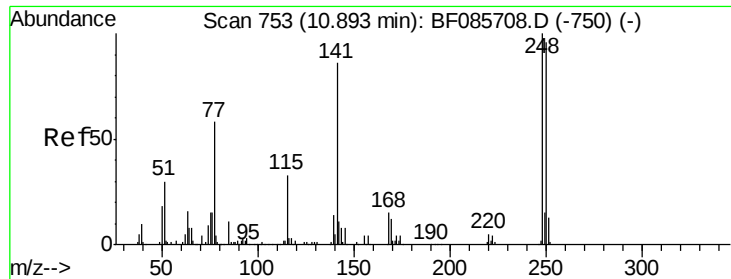
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.4	8.0#
80	9.3	5.5	8.3#

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

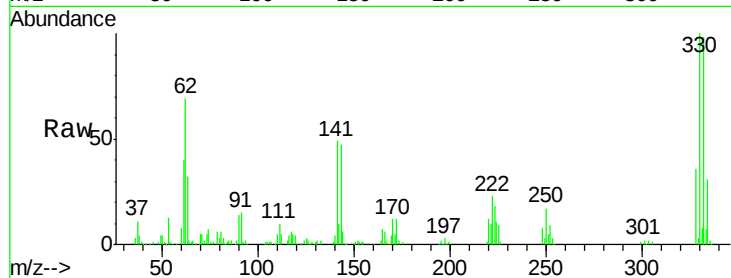




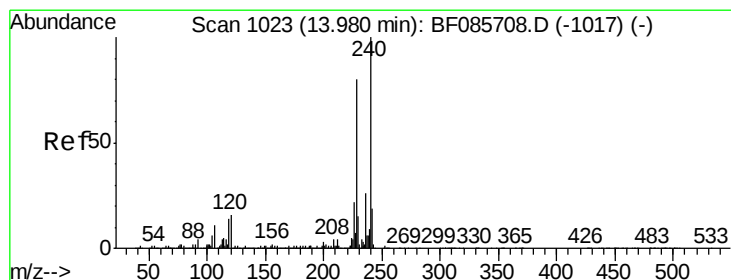
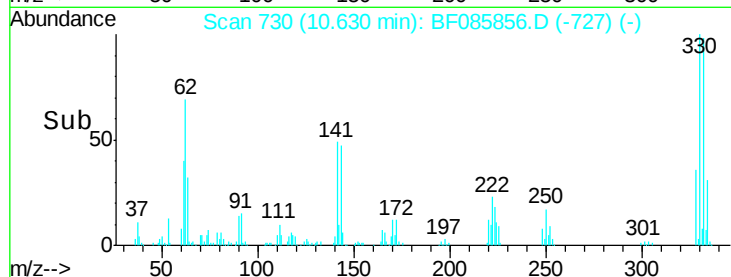
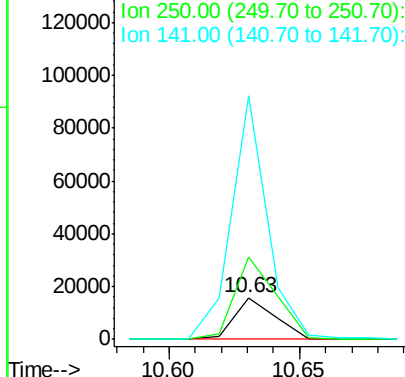
#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.26 min
Lab File: BF085856.D
Acq: 29 Mar 2016 18:39

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:248 Resp: 17159
Ion Ratio Lower Upper
248 100
250 197.6 77.4 116.0#
141 581.2 63.6 95.4#

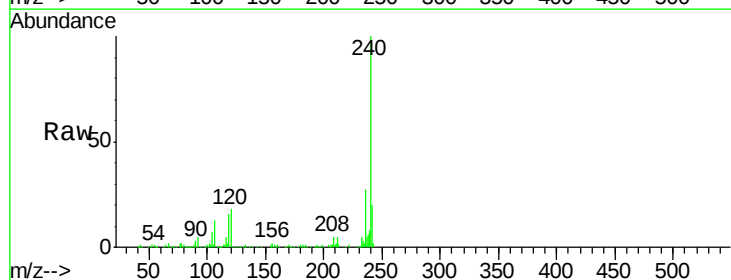


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

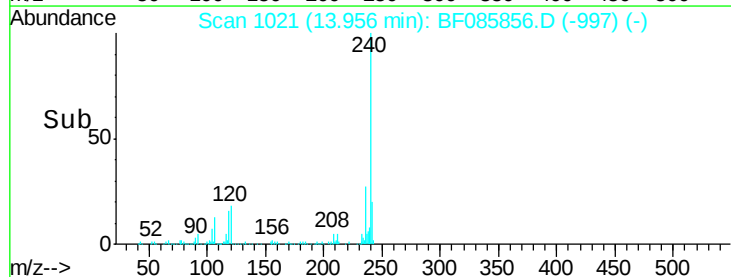
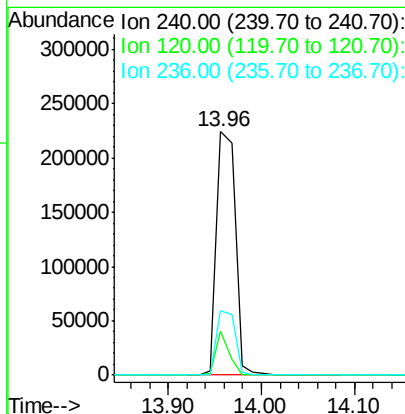


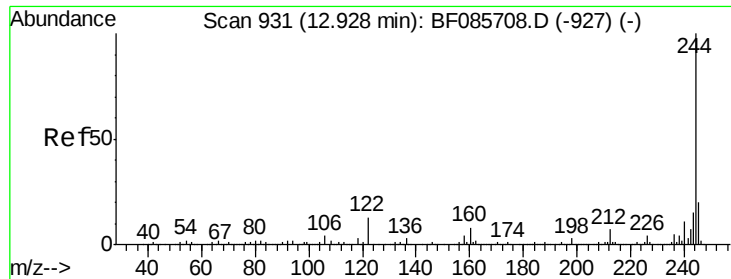
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF085856.D
Acq: 29 Mar 2016 18:39

Tgt Ion:240 Resp: 313788
Ion Ratio Lower Upper
240 100
120 18.1 13.8 20.8
236 26.6 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

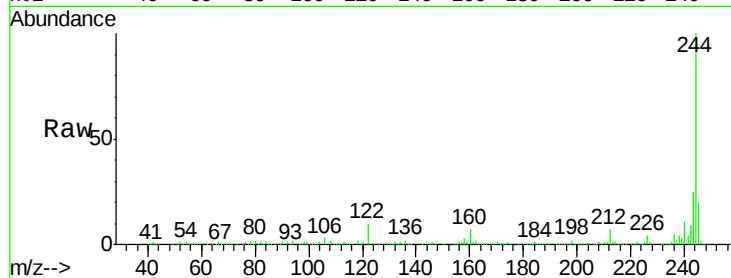




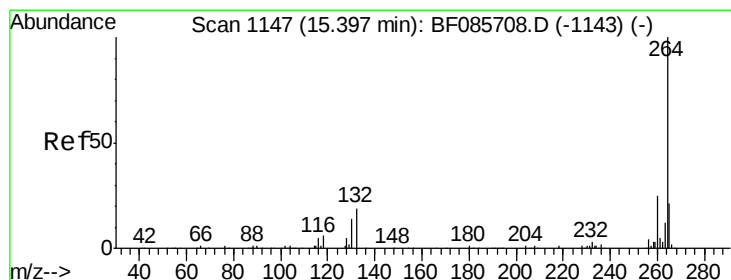
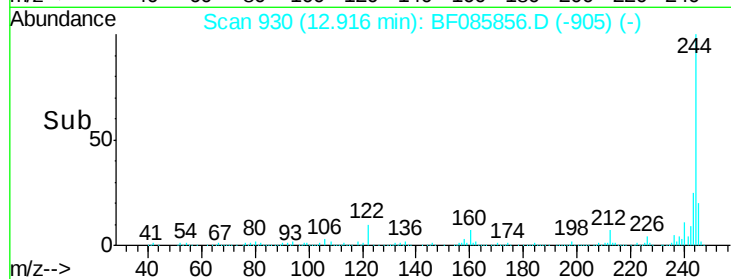
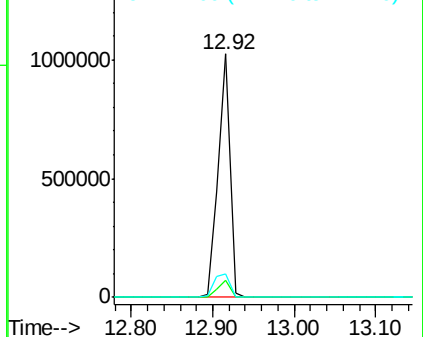
#78
 Terphenyl-d14
 Concen: 67.73 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tgt Ion:244 Resp: 1033349
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.7 10.2 15.4#

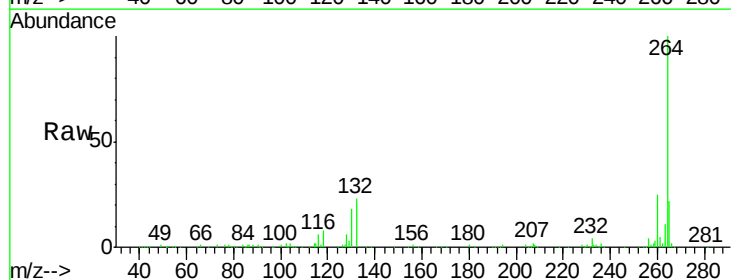


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF085856.D
 Acq: 29 Mar 2016 18:39

Tgt Ion:264 Resp: 233148
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.9 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

