

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085854.D
 Acq On : 29 Mar 2016 17:44
 Operator : UM/SJ
 Sample : PB89295BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BL

Quant Time: Mar 29 23:49:35 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

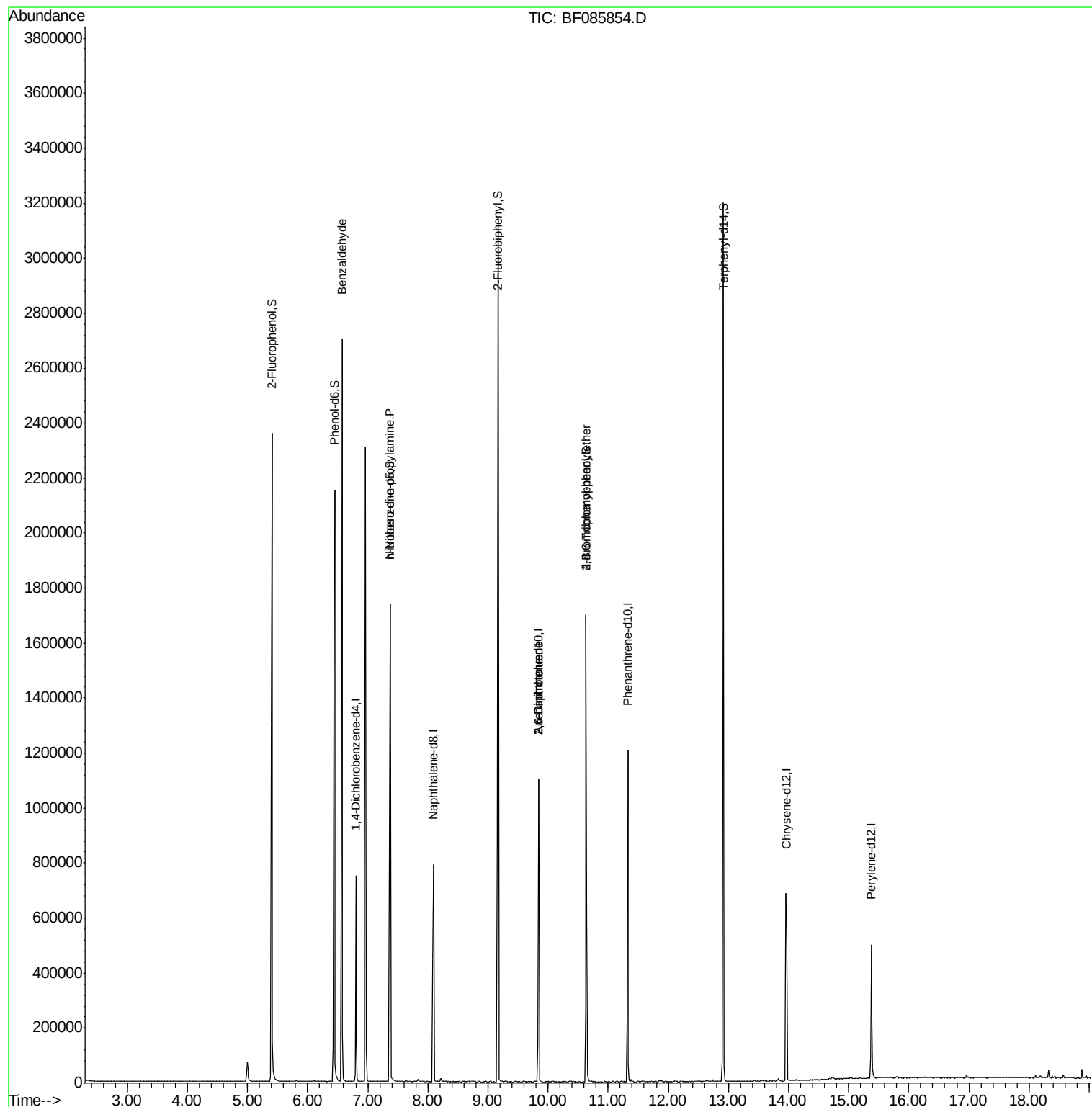
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109491	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	450284	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	209893	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	423905	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	307292	20.00	ng	-0.02
86) Perylene-d12	15.37	264	225130	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	833053	126.71	ng	0.00
7) Phenol-d6	6.45	99	1065643	127.49	ng	-0.01
23) Nitrobenzene-d5	7.37	82	656692	82.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	235935	118.31	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	997509	79.40	ng	-0.02
78) Terphenyl-d14	12.92	244	1163450	77.87	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	17541	3.48	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.37	70	86958	17.37	ng	# 76
50) 2,6-Dinitrotoluene	9.84	165	27132	7.92	ng	# 19
56) 2,4-Dinitrotoluene	9.84	165	27132	6.23	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	15015	3.46	ng	# 1

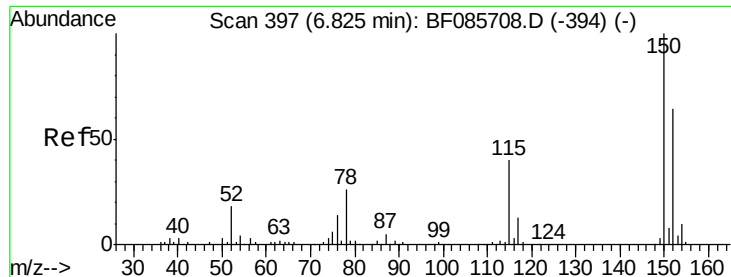
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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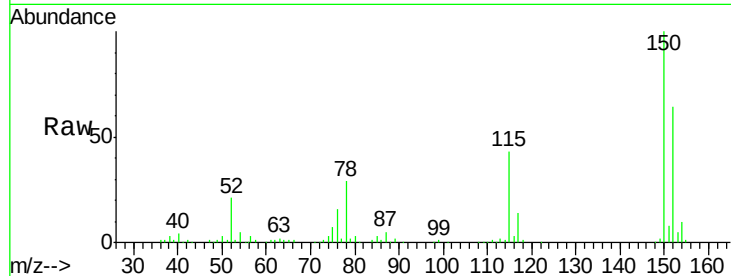


#1

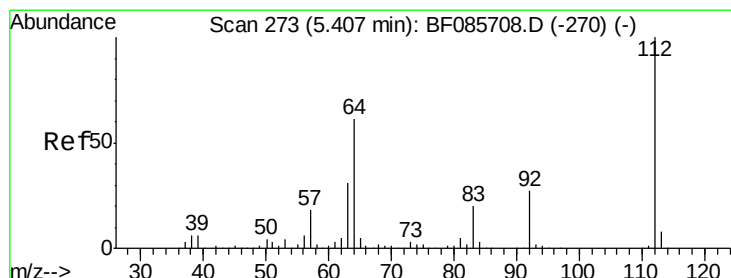
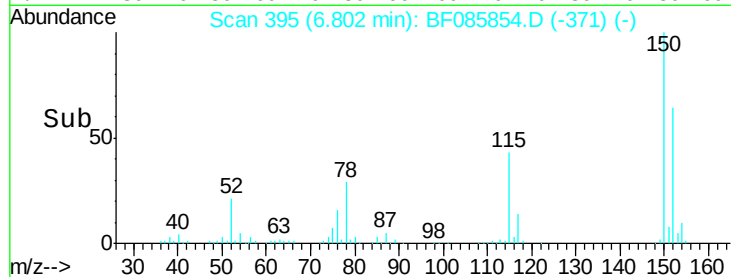
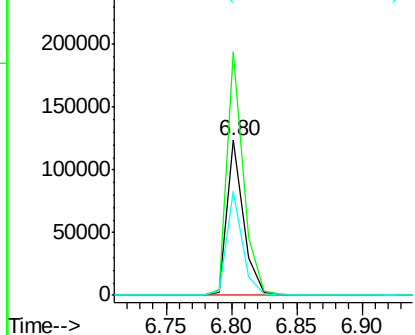
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

Instrument :
BNA_F
ClientSampleId :
PB89295BL

Tgt Ion:152 Resp: 109491
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 67.4 47.0 70.6



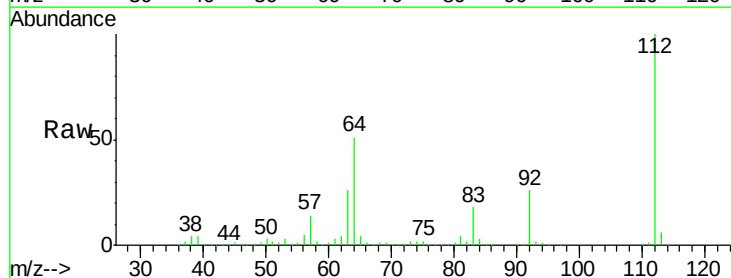
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



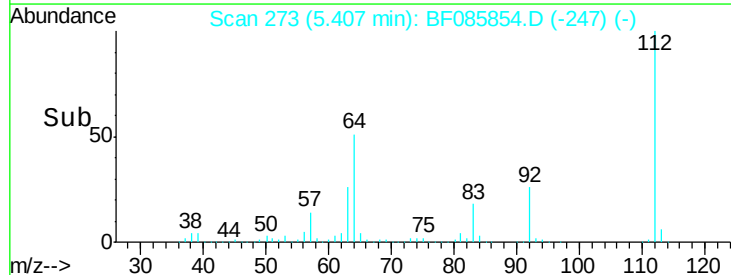
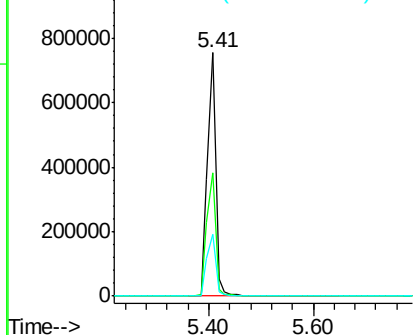
#5

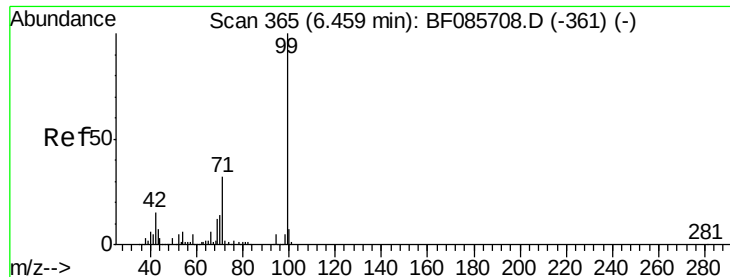
2-Fluorophenol
Concen: 126.71 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

Tgt Ion:112 Resp: 833053
Ion Ratio Lower Upper
112 100
64 50.8 39.9 59.9
63 25.6 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: 127.49 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB89295BL

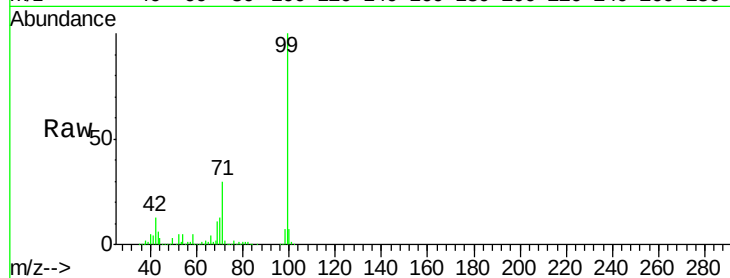
Tgt Ion: 99 Resp: 1065643

Ion Ratio Lower Upper

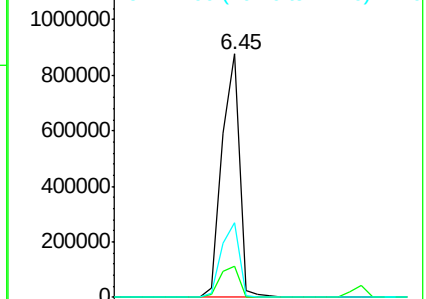
99 100

42 12.8 11.1 16.7

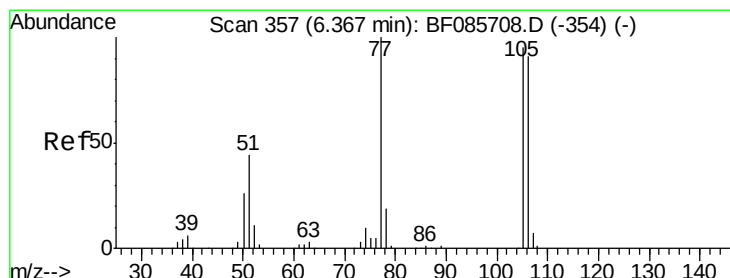
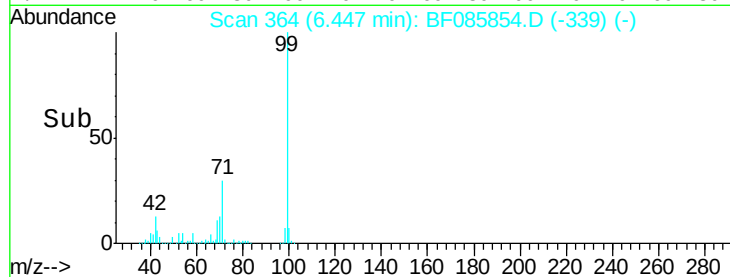
71 30.4 24.9 37.3



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



Time-->



#9

Benzaldehyde

Concen: 3.48 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.21 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

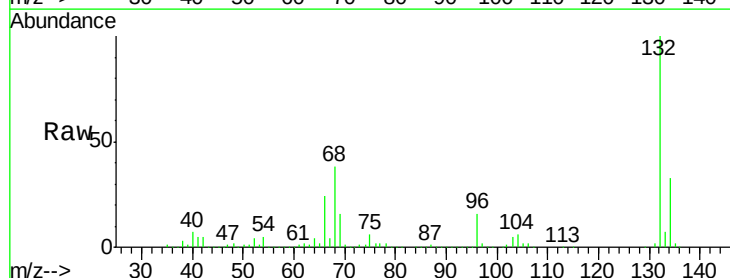
Tgt Ion: 77 Resp: 17541

Ion Ratio Lower Upper

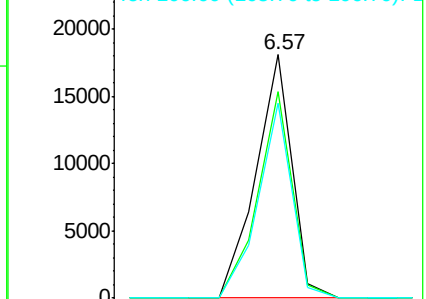
77 100

105 84.8 80.1 120.1

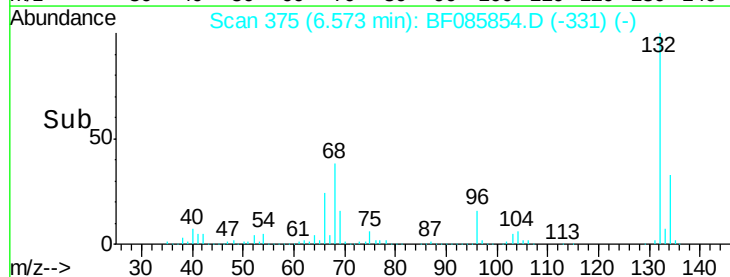
106 80.2 75.0 115.0

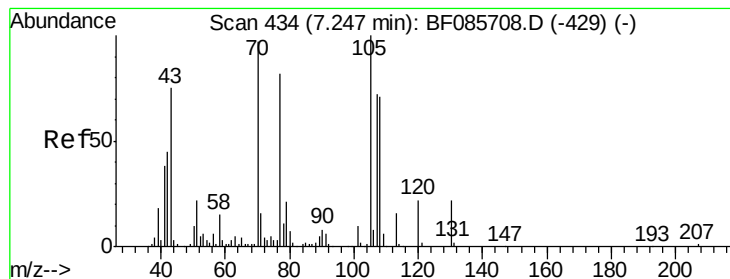


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 17.37 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB89295BL

Tgt Ion: 70 Resp: 86958

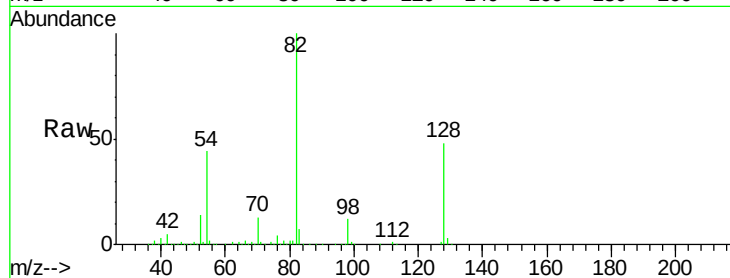
Ion Ratio Lower Upper

70 100

42 38.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#

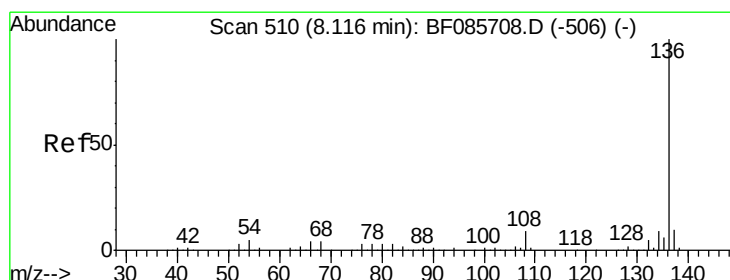
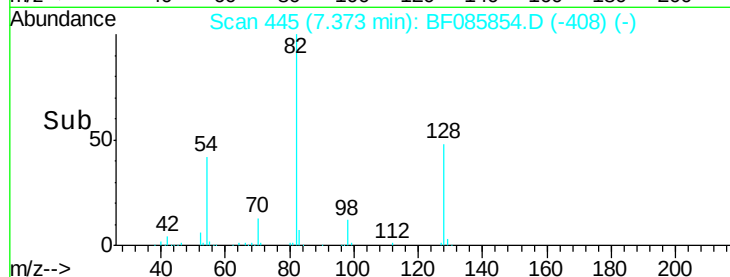
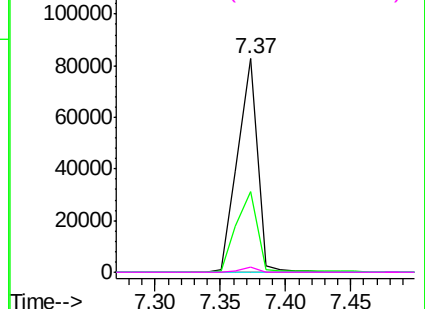


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Tgt Ion: 136 Resp: 450284

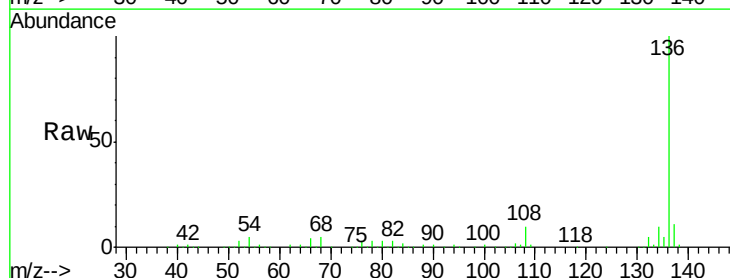
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 7.4 11.0#

68 4.5 5.8 8.8#

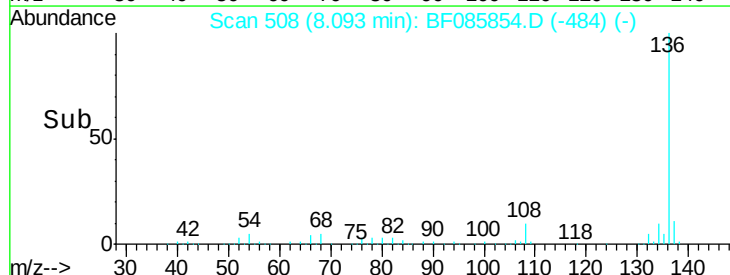
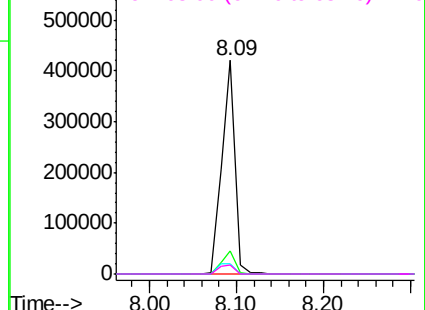


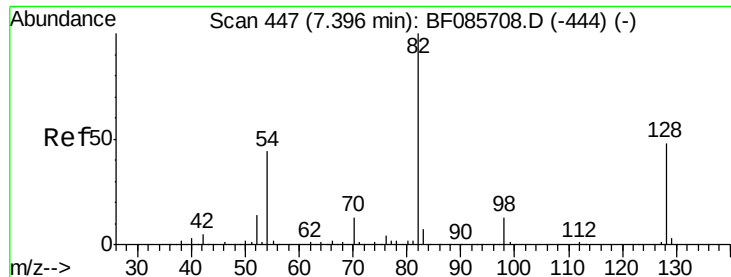
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 82.13 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB89295BL

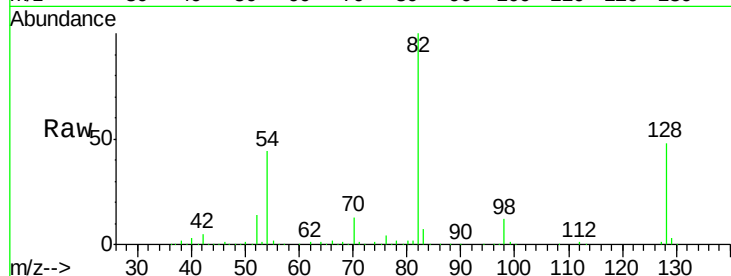
Tgt Ion: 82 Resp: 656692

Ion Ratio Lower Upper

82 100

128 48.1 41.8 62.8

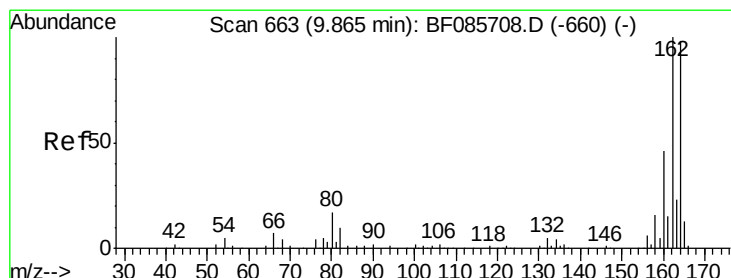
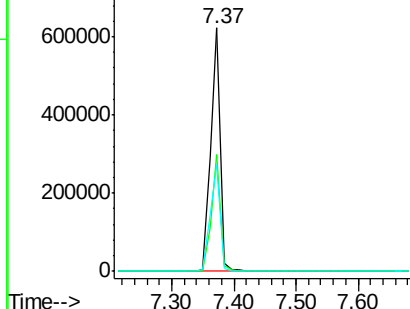
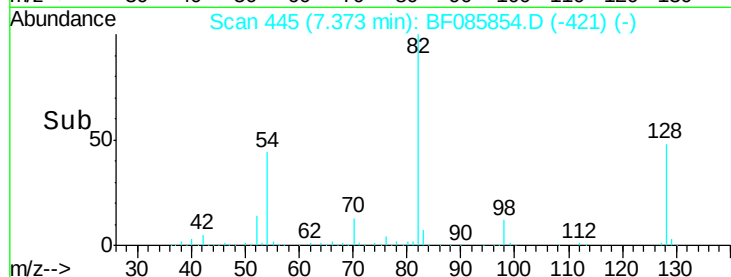
54 43.7 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

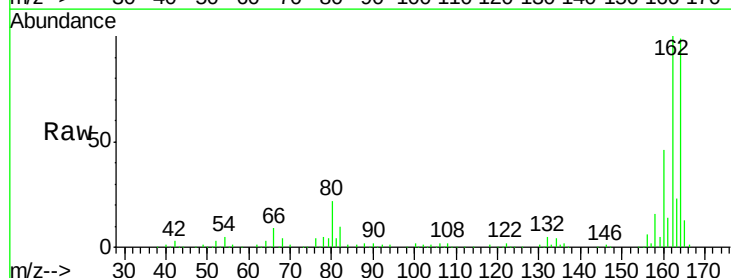
Tgt Ion: 164 Resp: 209893

Ion Ratio Lower Upper

164 100

162 100.7 82.1 123.1

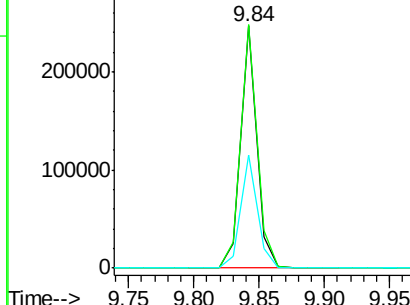
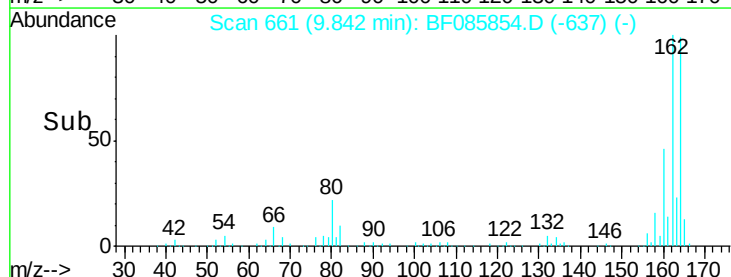
160 46.7 37.4 56.2

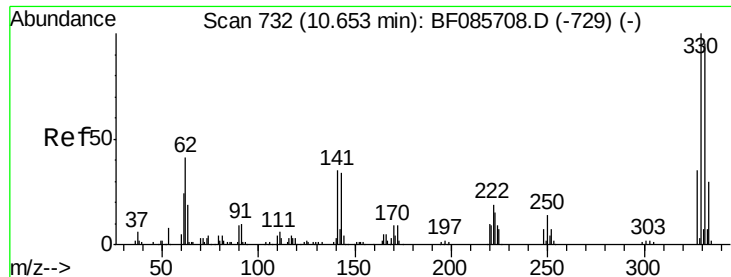


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

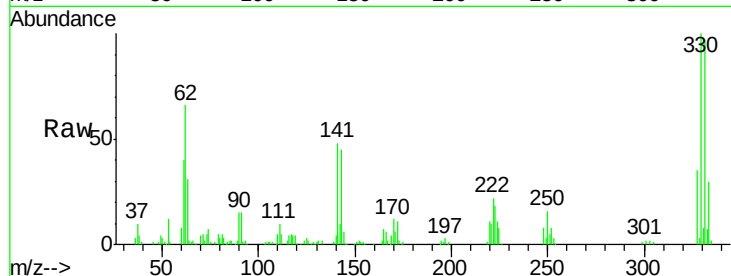




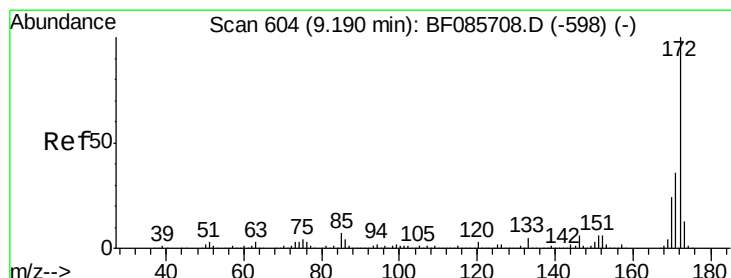
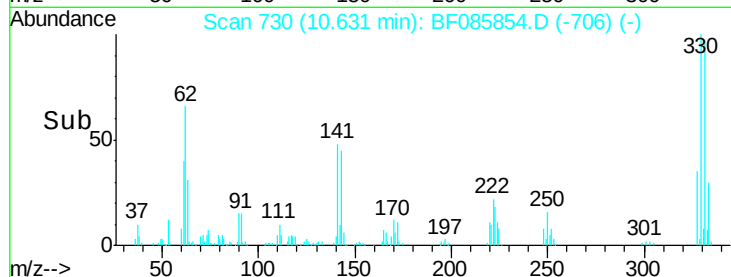
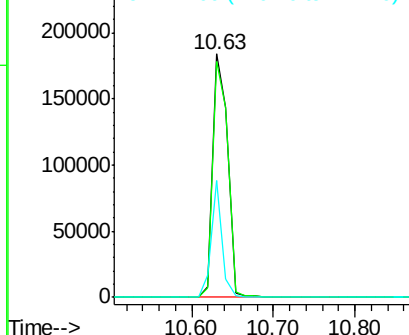
#41
 2,4,6-Tribromophenol
 Concen: 118.31 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Instrument :
 BNA_F
 ClientSampled :
 PB89295BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	35.1	31.5	47.3

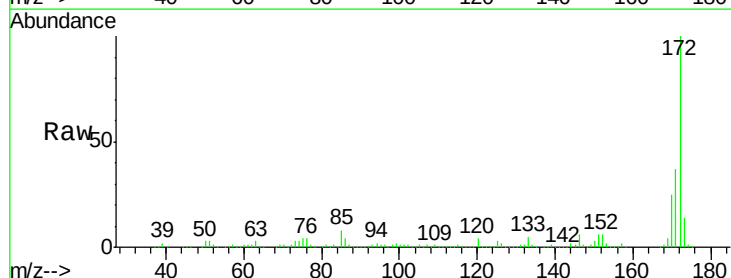


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

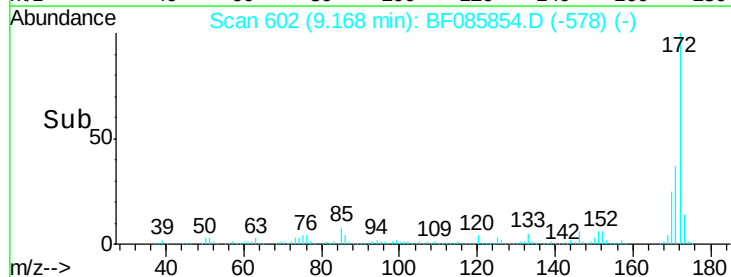
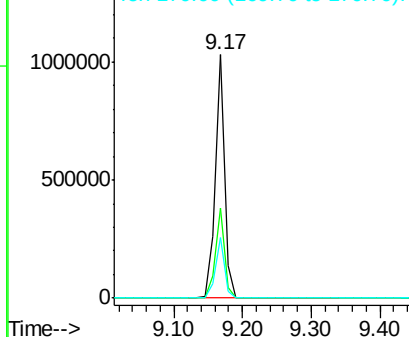


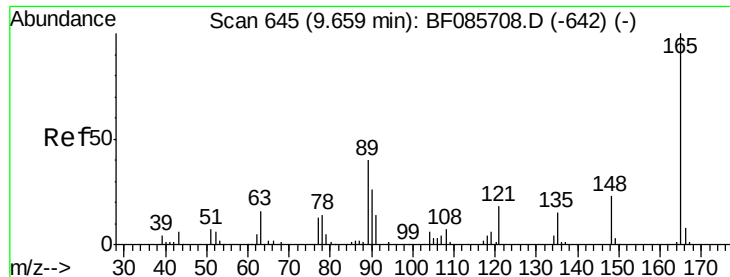
#44
 2-Fluorobiphenyl
 Concen: 79.40 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.9	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

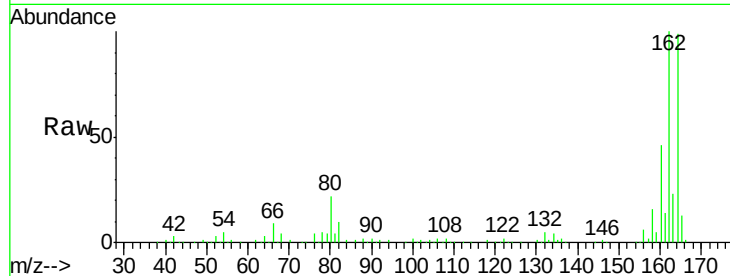




#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.84 min Scan# 661
 Delta R.T. 0.18 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BL

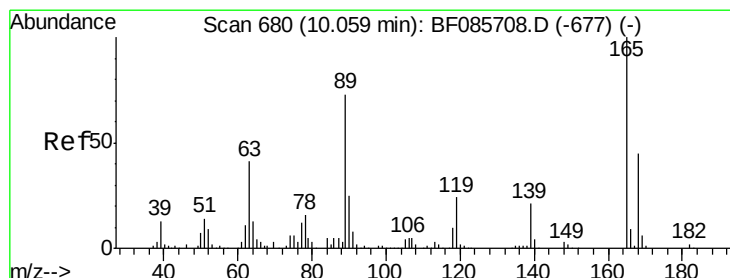
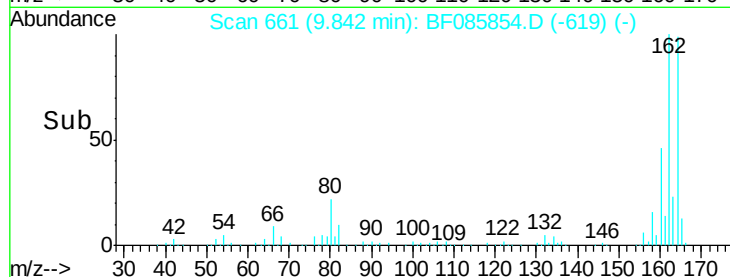
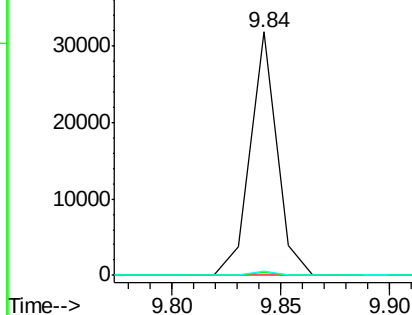
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.7	53.7	80.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.22 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

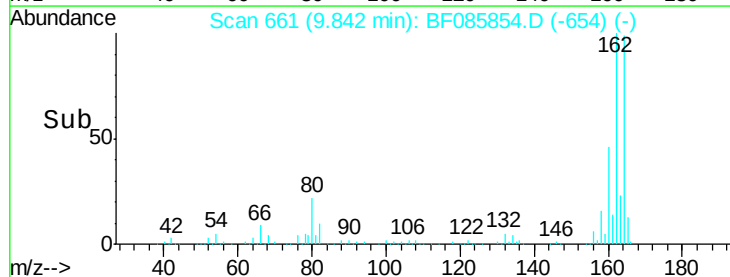
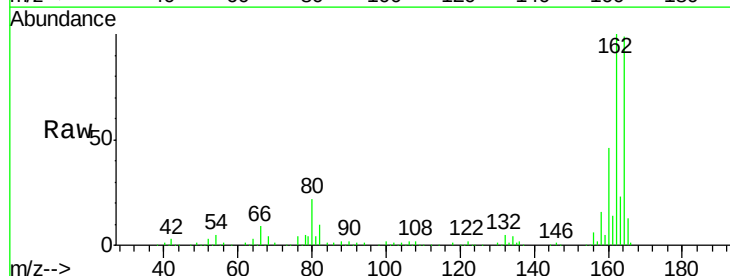
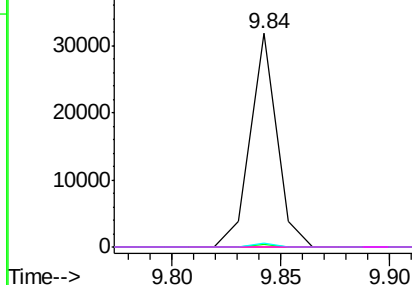
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#

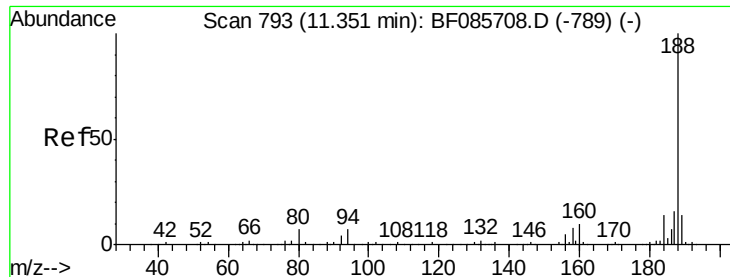
Abundance Ion 165.00 (164.70 to 165.70): E

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

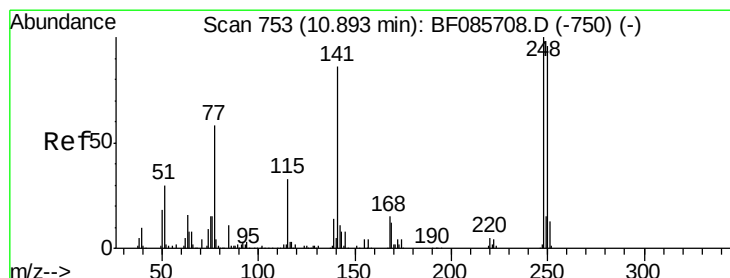
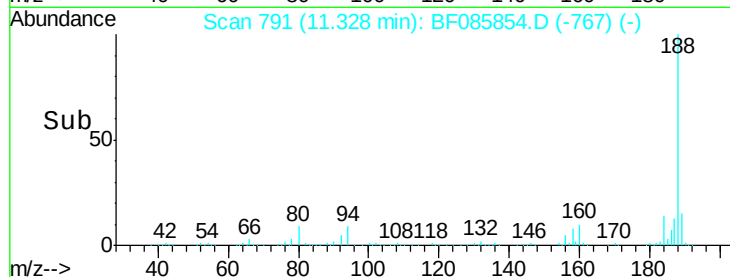
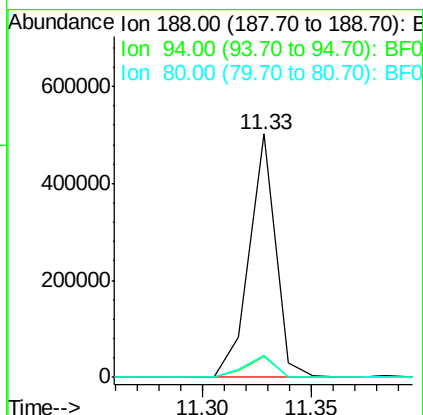
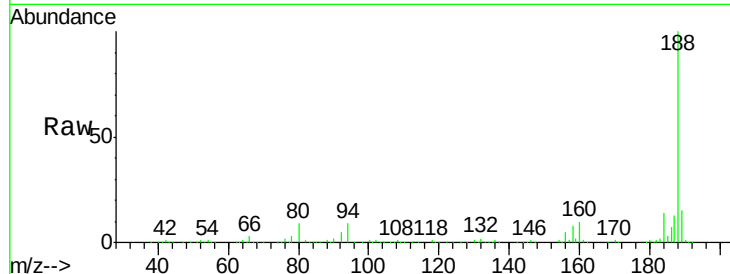




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

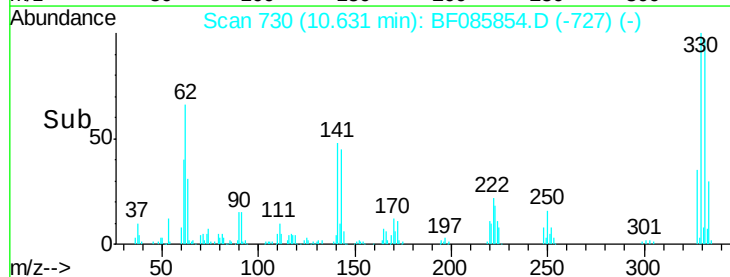
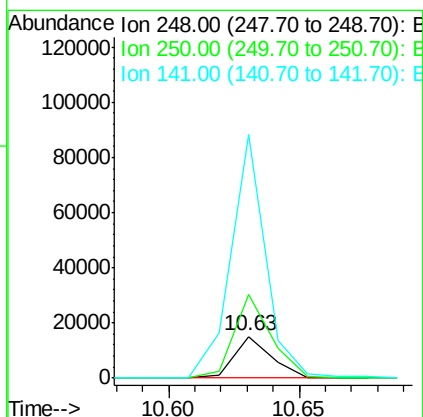
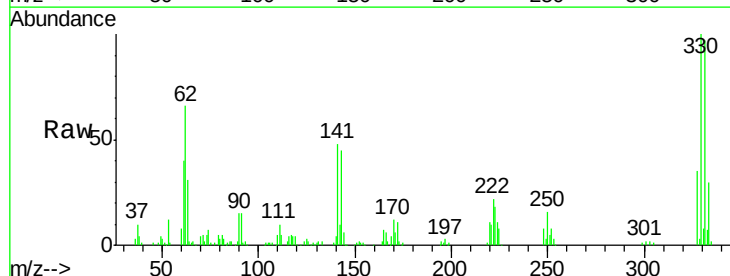
Instrument :
BNA_F
ClientSampleId :
PB89295BL

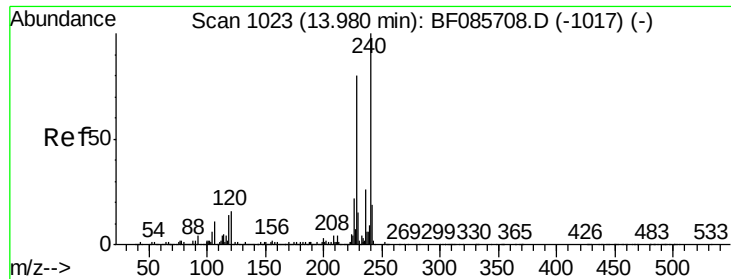
Tgt Ion:188 Resp: 423905
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 9.2 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.26 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

Tgt Ion:248 Resp: 15015
Ion Ratio Lower Upper
248 100
250 199.2 77.4 116.0#
141 581.8 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB89295BL

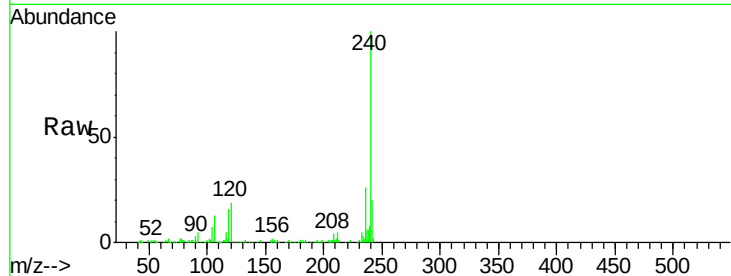
Tgt Ion:240 Resp: 307292

Ion Ratio Lower Upper

240 100

120 18.7 13.8 20.8

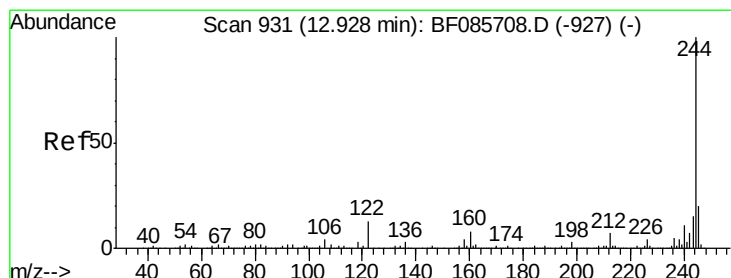
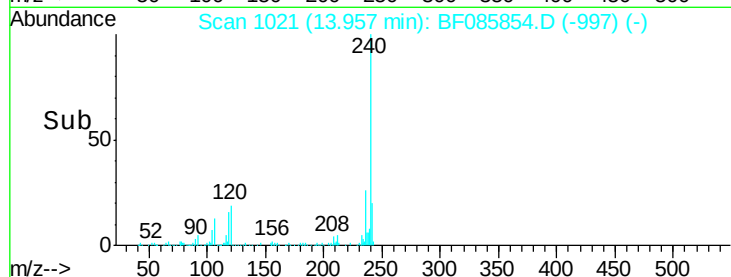
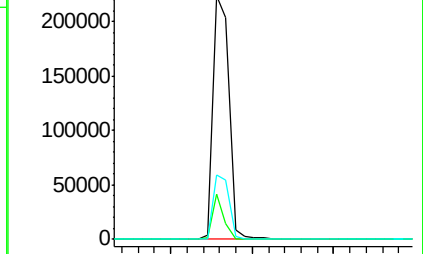
236 26.3 20.6 30.8



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: 77.87 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

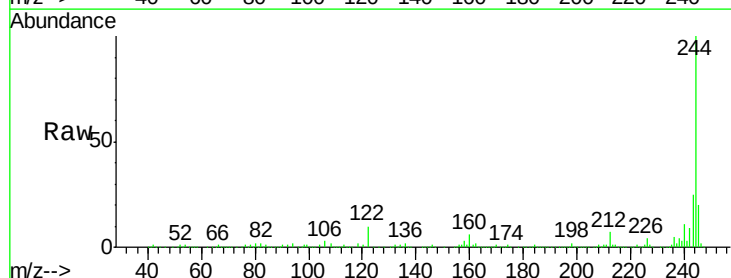
Tgt Ion:244 Resp: 1163450

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

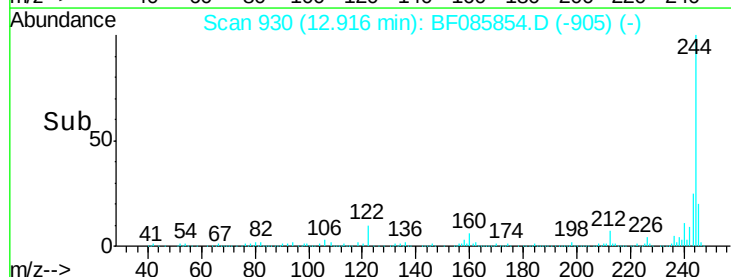
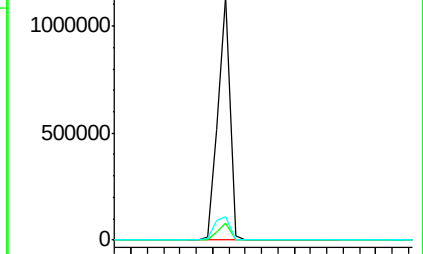
122 9.7 10.2 15.4#

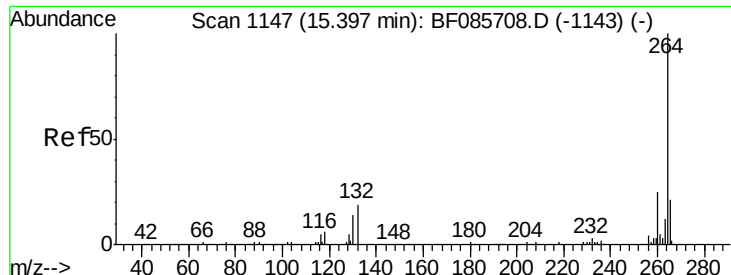


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

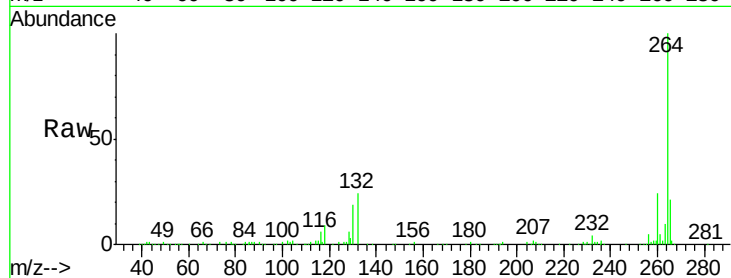




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

Instrument :
BNA_F
ClientSampleId :
PB89295BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	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

