

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085829.D
 Acq On : 29 Mar 2016 4:17
 Operator : UM/SJ
 Sample : PB89183TB
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

Quant Time: Mar 29 03:53:50 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

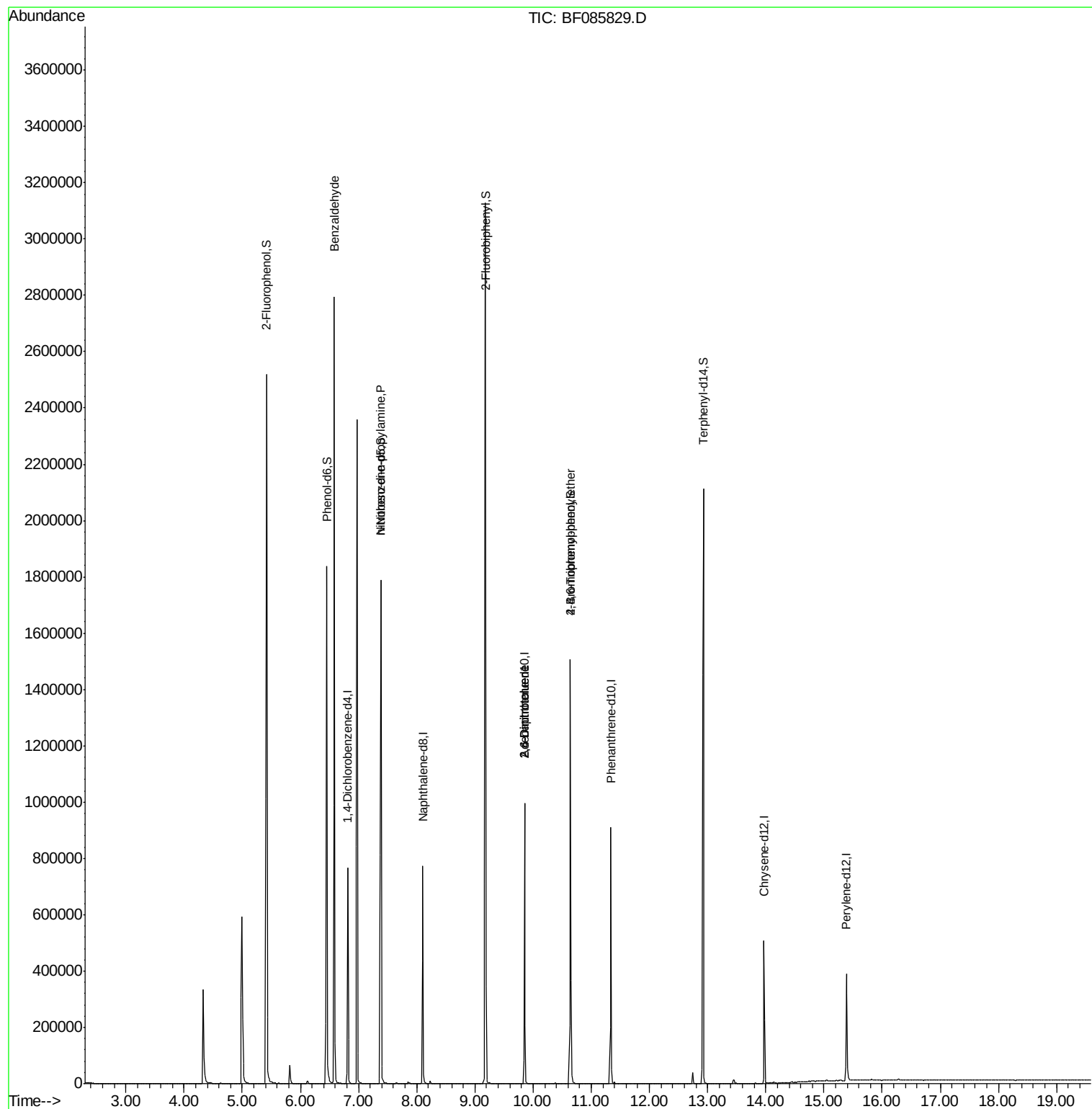
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112743	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	444282	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	190693	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	325792	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	193560	20.00	ng	-0.01
86) Perylene-d12	15.39	264	201507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	810539	119.73	ng	0.01
7) Phenol-d6	6.46	99	1077529	125.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	679576	86.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	182066	100.49	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	987552	86.52	ng	-0.01
78) Terphenyl-d14	12.93	244	849378	90.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	17601	3.39	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.38	70	88991	17.27	ng	# 76
50) 2,6-Dinitrotoluene	9.85	165	24222	7.78	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	24222	6.12	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	12120	3.64	ng	# 1

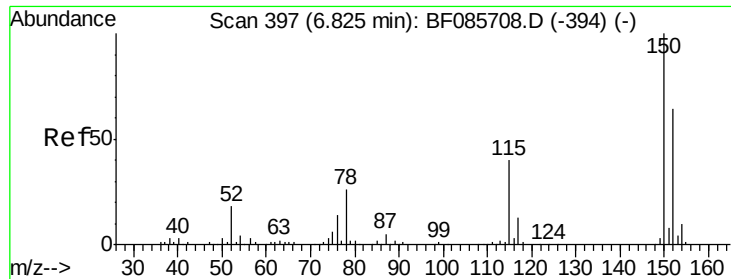
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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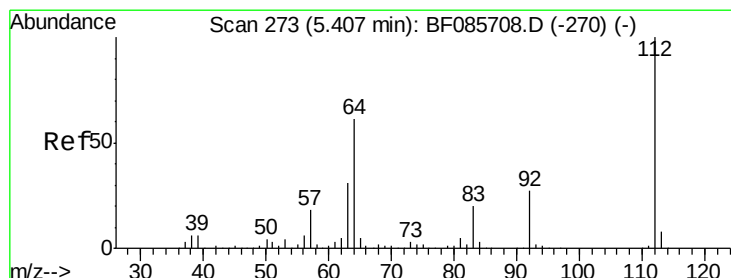
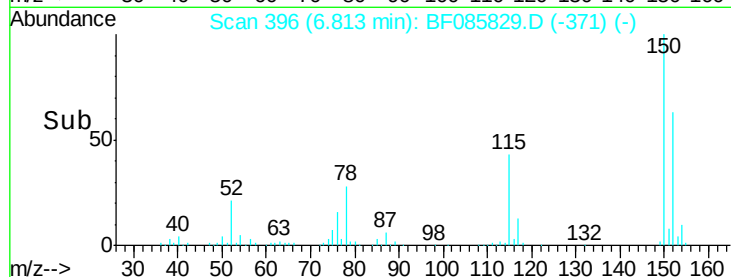
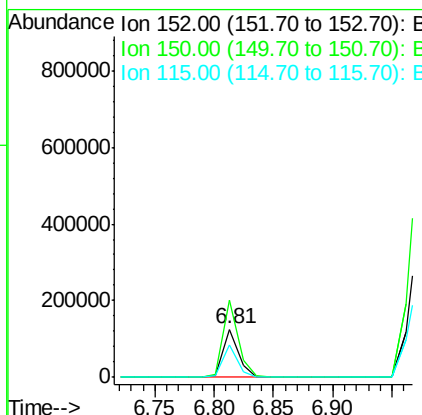
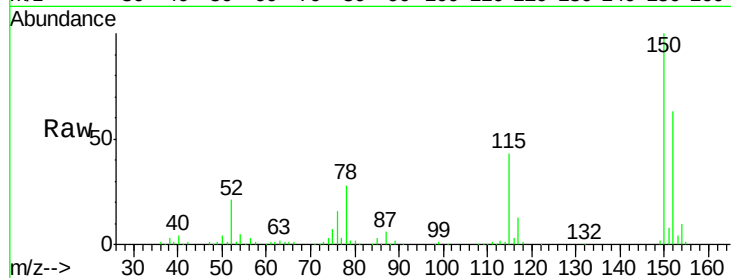




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

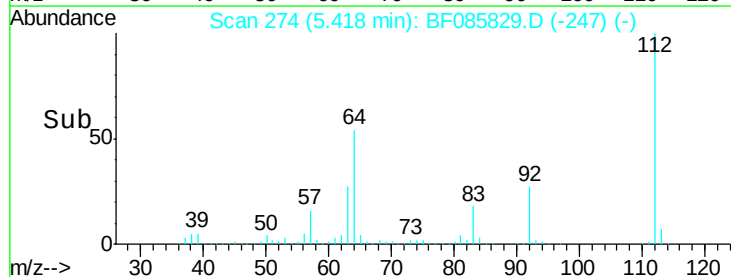
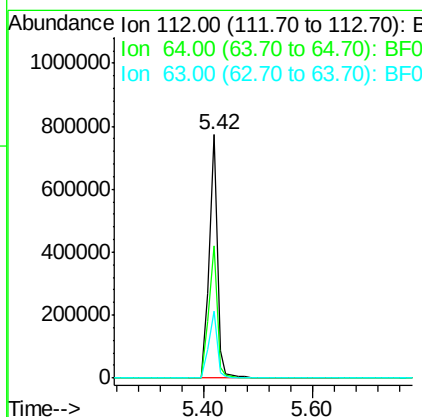
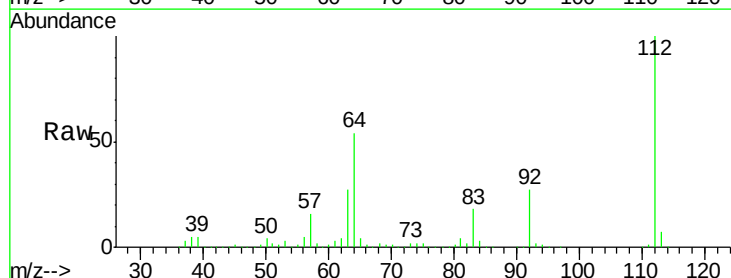
Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

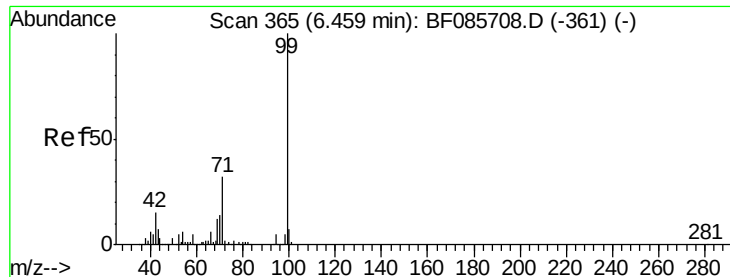
Tgt Ion:152 Resp: 112743
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.2 186.2
 115 68.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 119.73 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Tgt Ion:112 Resp: 810539
 Ion Ratio Lower Upper
 112 100
 64 54.1 39.9 59.9
 63 27.4 20.2 30.2





#7

Phenol-d6

Concen: 125.19 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Instrument :

BNA_F

ClientSampled :

PB89183TB

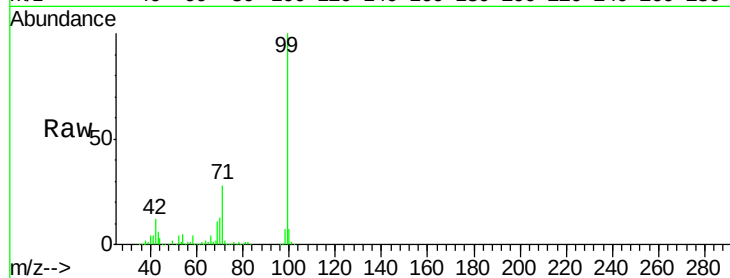
Tgt Ion: 99 Resp: 1077529

Ion Ratio Lower Upper

99 100

42 11.6 11.1 16.7

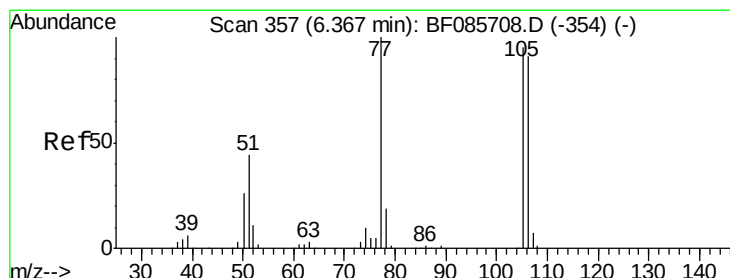
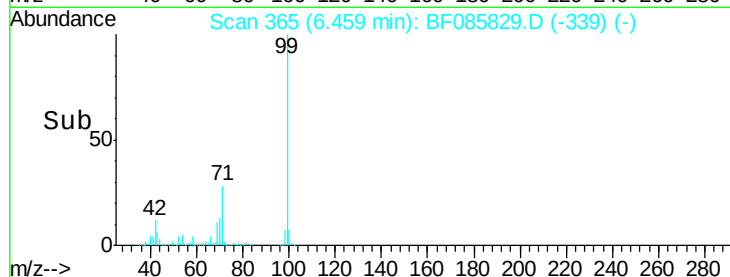
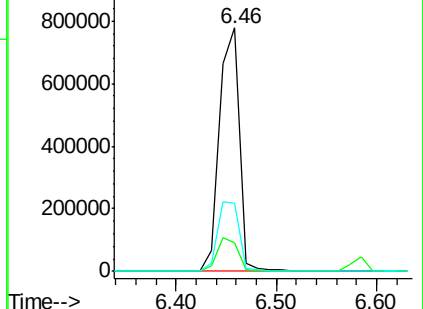
71 28.1 24.9 37.3



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: 3.39 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

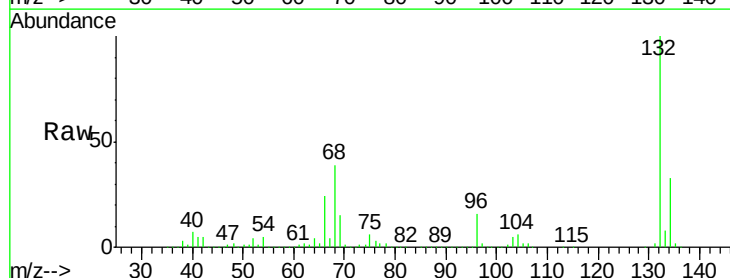
Tgt Ion: 77 Resp: 17601

Ion Ratio Lower Upper

77 100

105 90.3 80.1 120.1

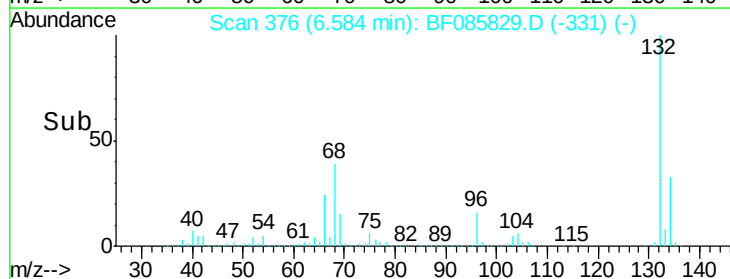
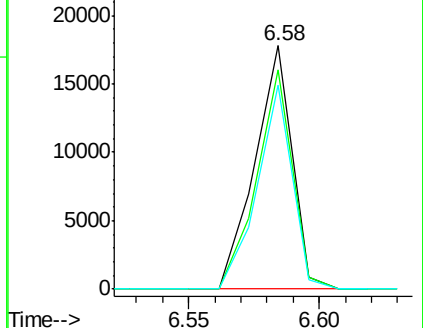
106 83.6 75.0 115.0

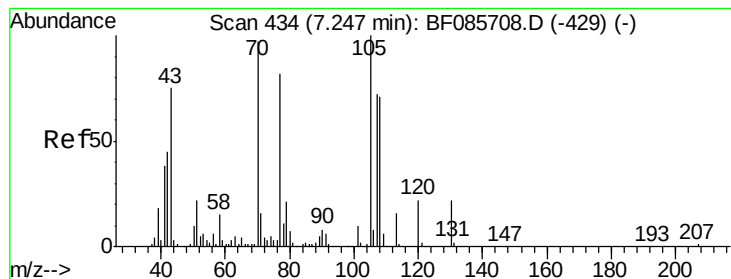


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.27 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB89183TB

Tgt Ion: 70 Resp: 88991

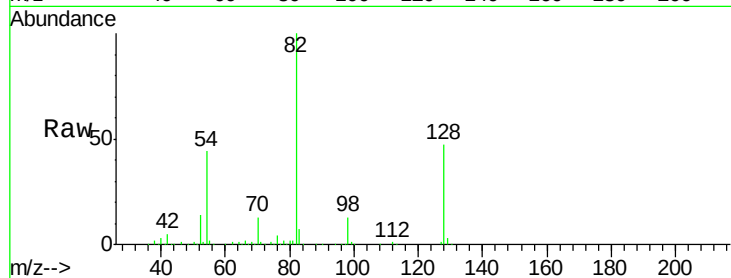
Ion Ratio Lower Upper

70 100

42 38.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.5 19.6 29.4#

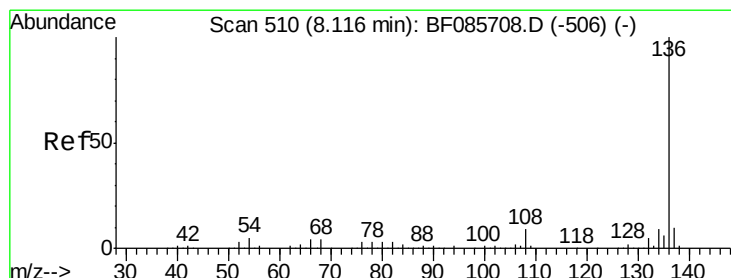
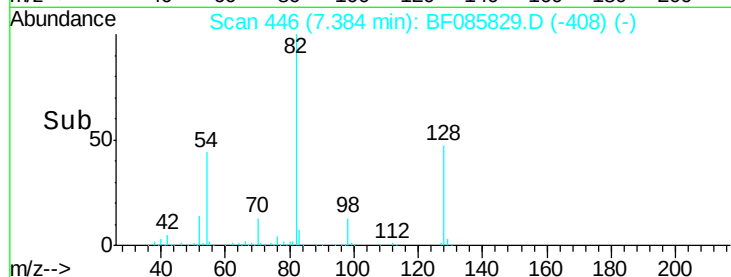
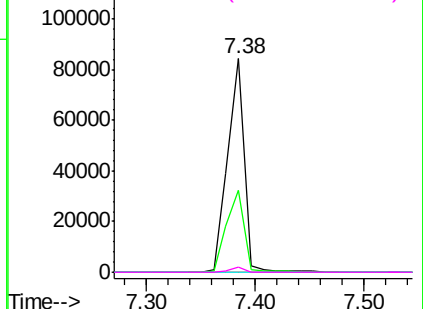


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Tgt Ion: 136 Resp: 444282

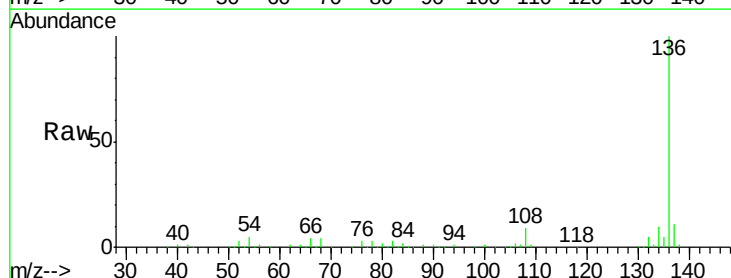
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.1 7.4 11.0#

68 4.4 5.8 8.8#

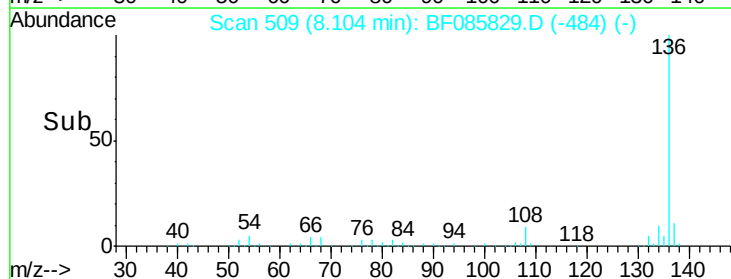
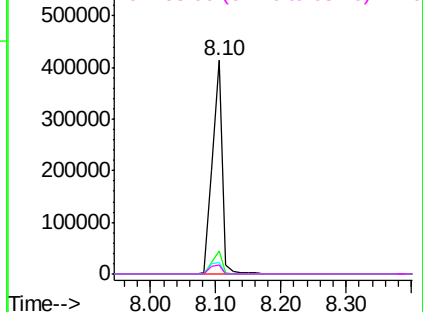


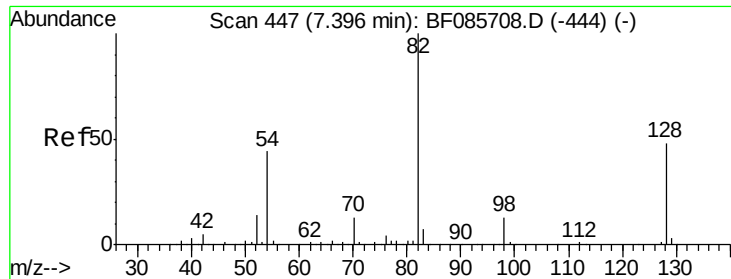
Abundance Ion 136.00 (135.70 to 136.70): E

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

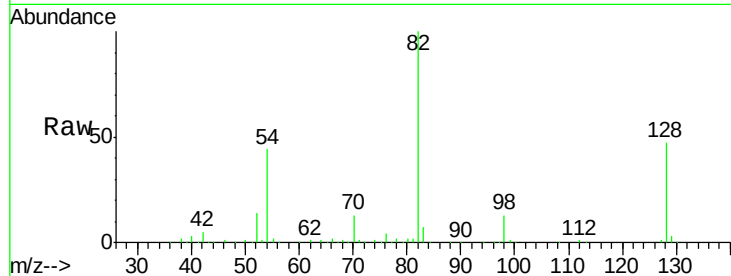




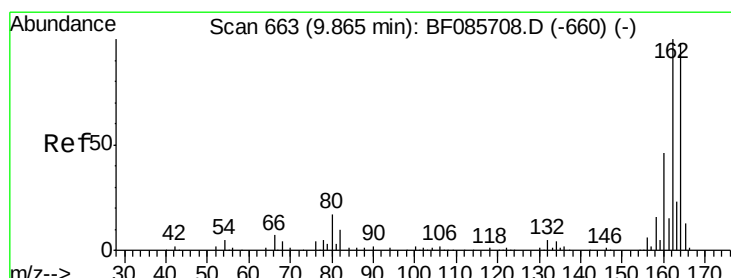
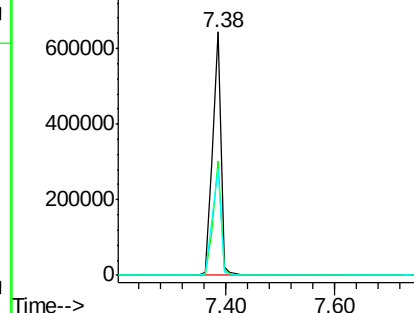
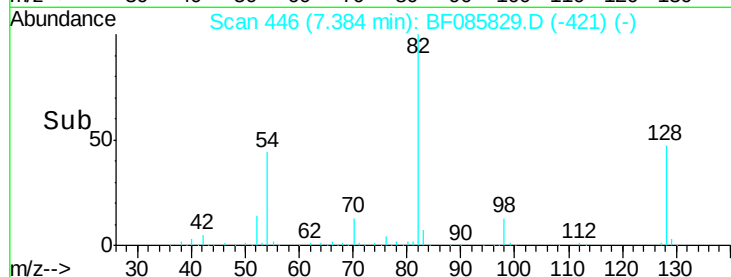
#23
 Nitrobenzene-d5
 Concen: 86.14 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

Tgt Ion: 82 Resp: 679576
 Ion Ratio Lower Upper
 82 100
 128 47.0 41.8 62.8
 54 43.7 33.4 50.0

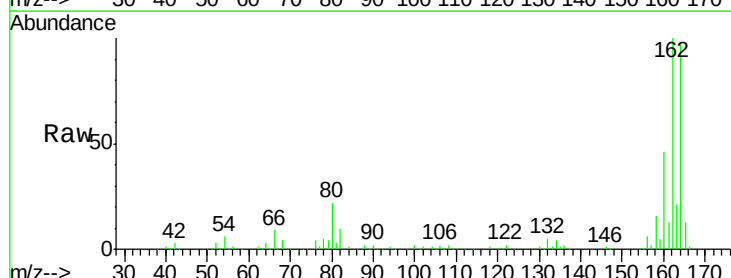


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

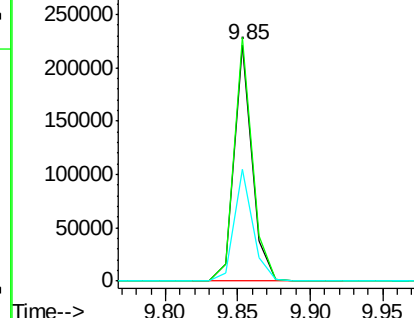
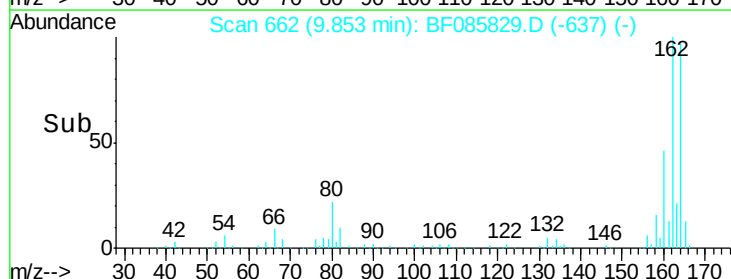


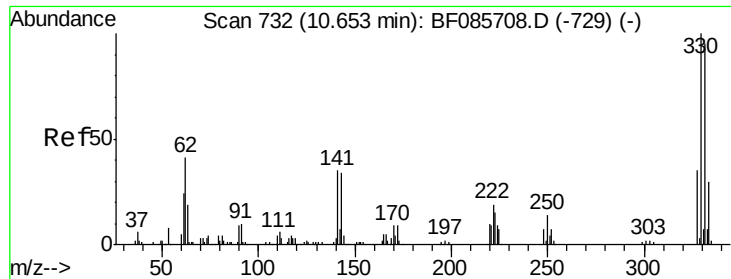
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Tgt Ion: 164 Resp: 190693
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.1 123.1
 160 47.3 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

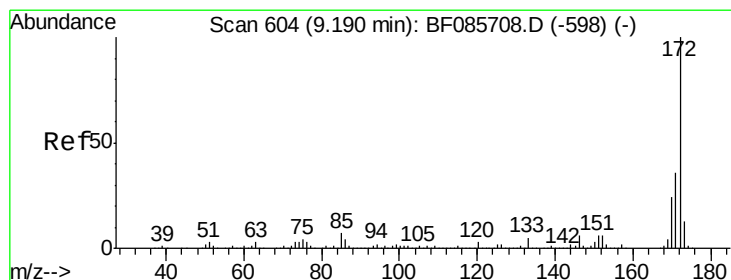
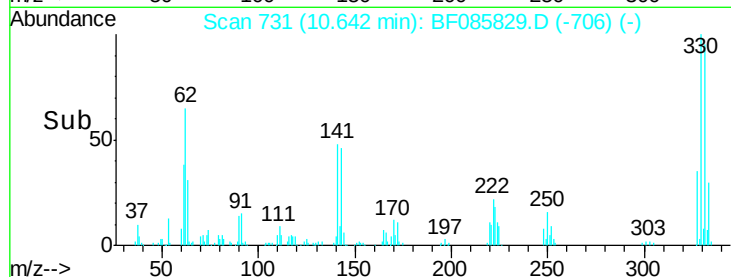
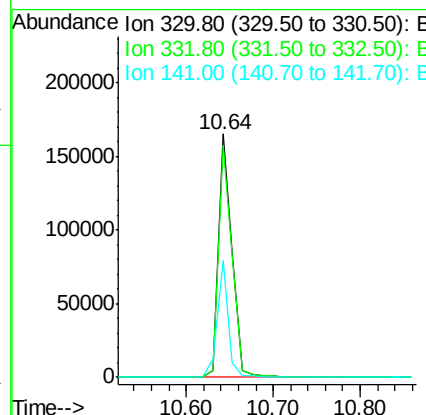
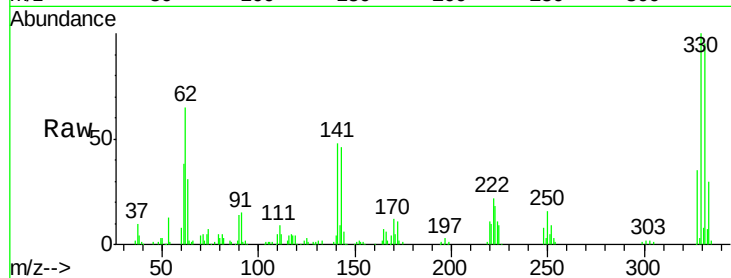




#41
 2,4,6-Tribromophenol
 Concen: 100.49 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

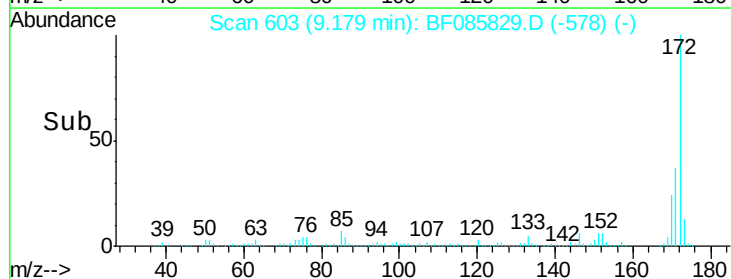
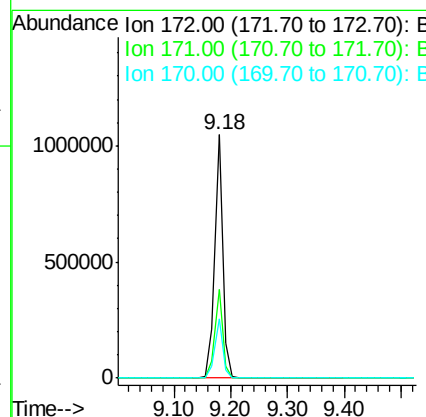
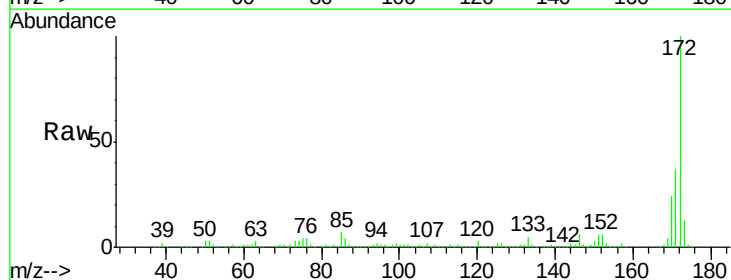
Instrument :
 BNA_F
 ClientSampled :
 PB89183TB

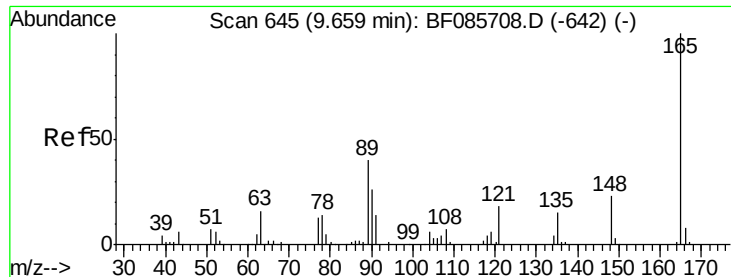
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	39.5	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 86.52 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.2	19.8	29.6

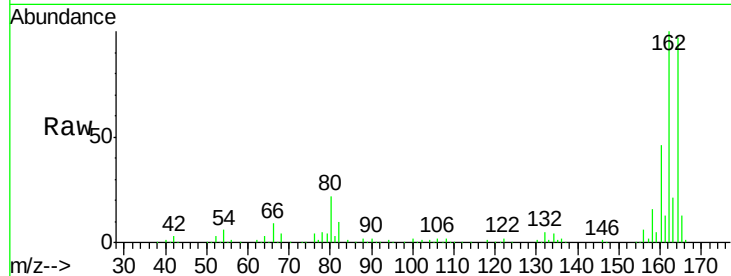




#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 PB89183TB

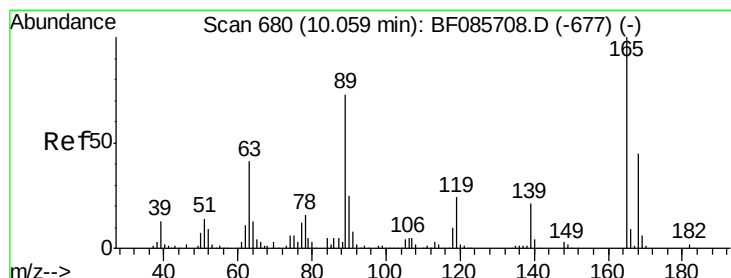
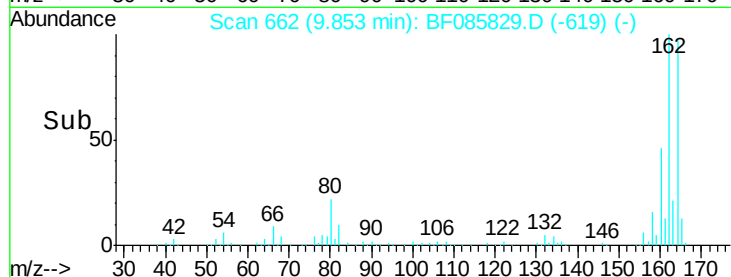
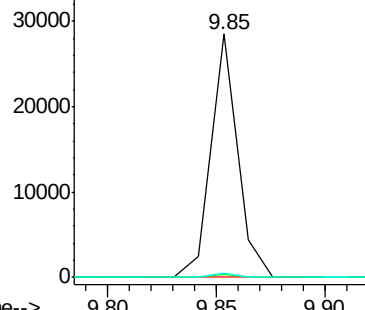
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.8	77.8#
89	1.5	53.7	80.5#



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: 6.12 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085829.D
 Acq: 29 Mar 2016 4:17

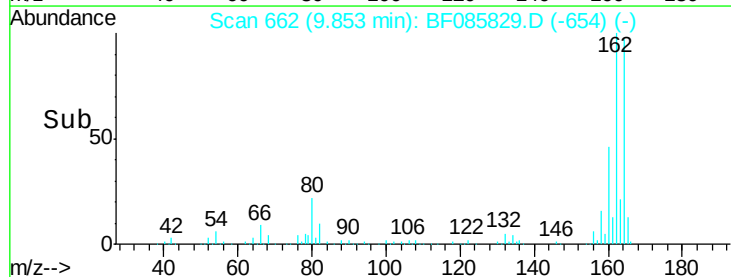
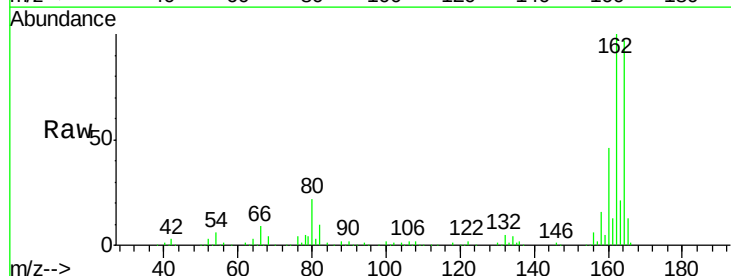
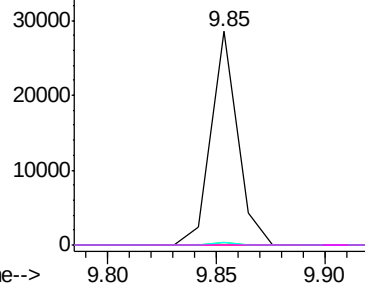
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

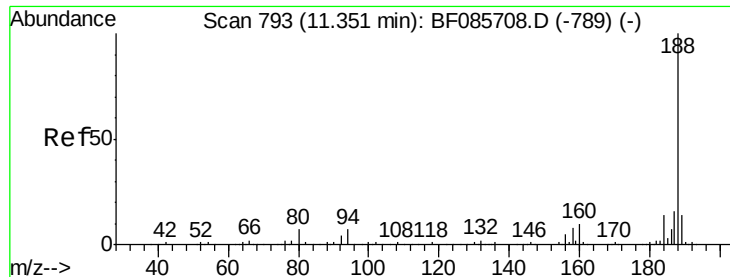
Abundance Ion 165.00 (164.70 to 165.70): E

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

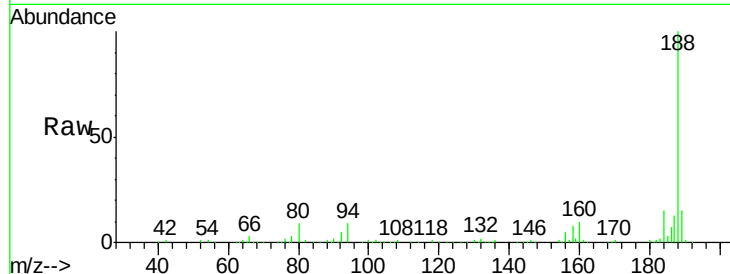




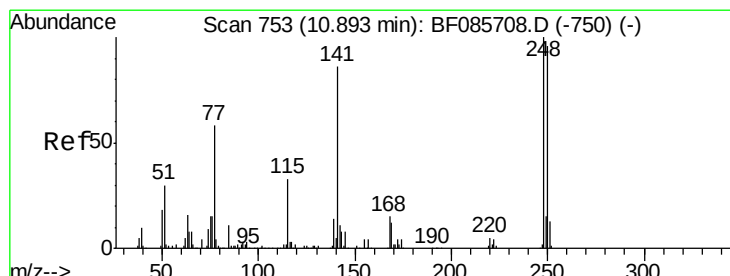
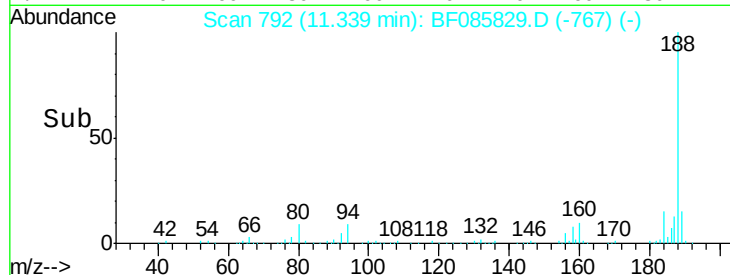
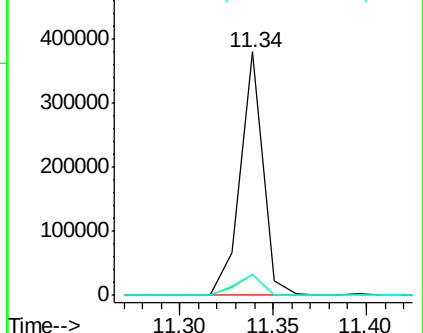
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085829.D
Acq: 29 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB89183TB

Tgt Ion:188 Resp: 325792
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 8.5 5.5 8.3#

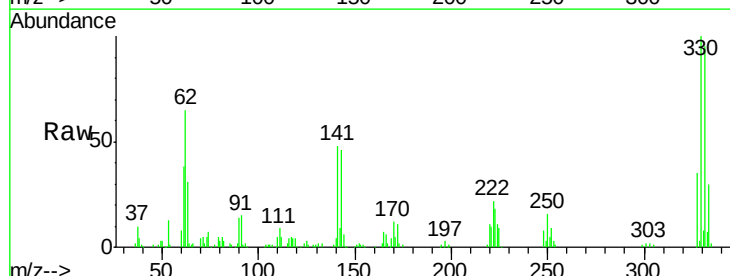


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

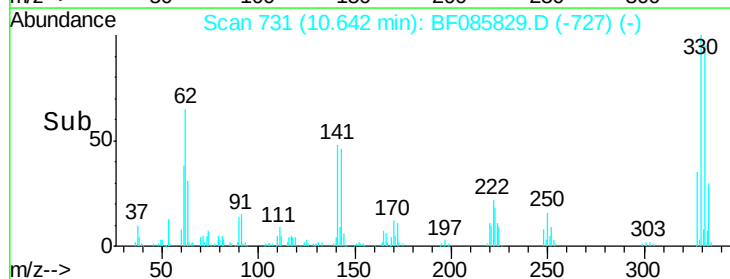
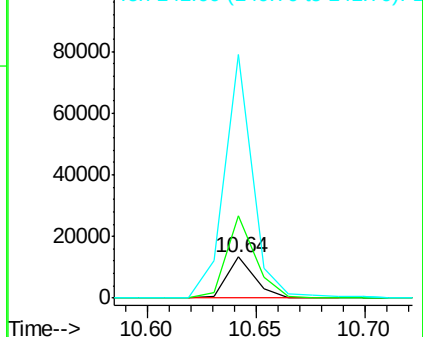


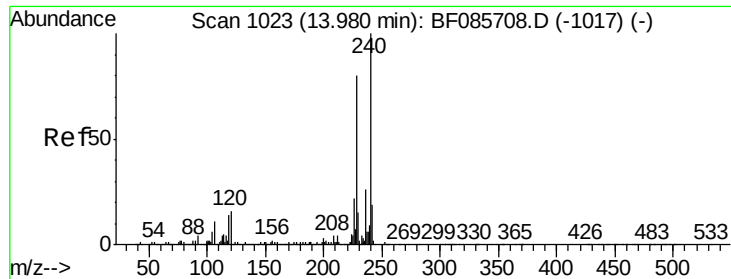
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF085829.D
Acq: 29 Mar 2016 4:17

Tgt Ion:248 Resp: 12120
Ion Ratio Lower Upper
248 100
250 198.4 77.4 116.0#
141 589.8 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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

Instrument :

BNA_F

ClientSampleId :

PB89183TB

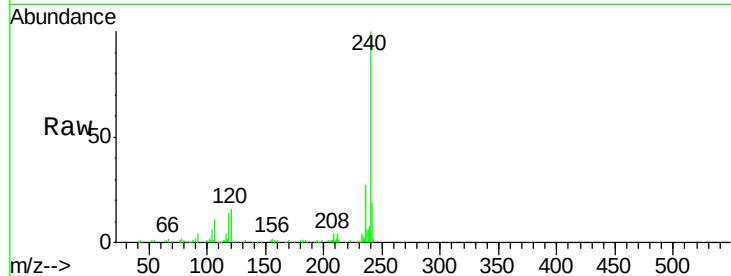
Tgt Ion:240 Resp: 193560

Ion Ratio Lower Upper

240 100

120 16.4 13.8 20.8

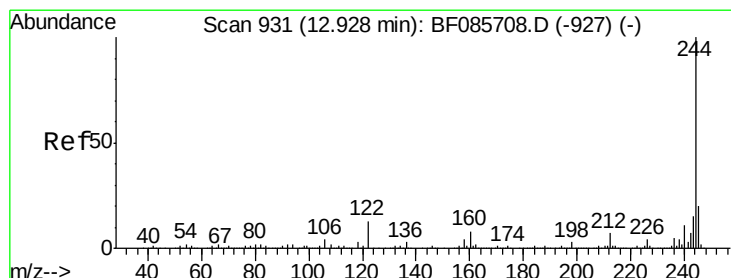
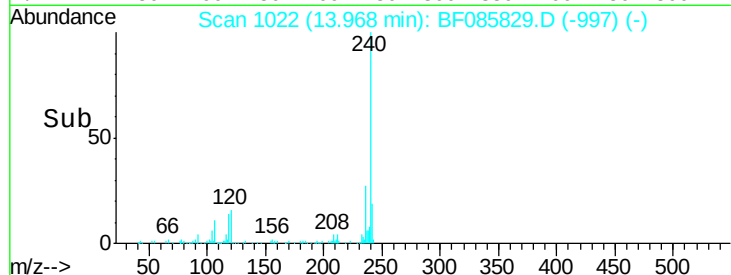
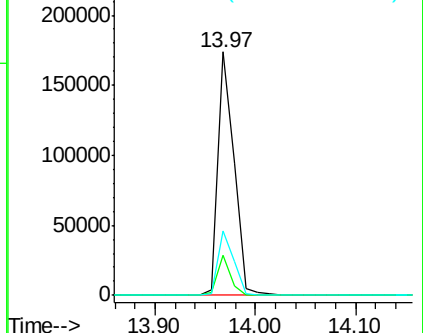
236 26.5 20.6 30.8



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: 90.25 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085829.D

Acq: 29 Mar 2016 4:17

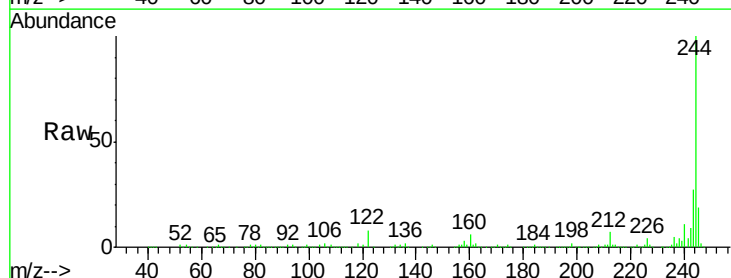
Tgt Ion:244 Resp: 849378

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

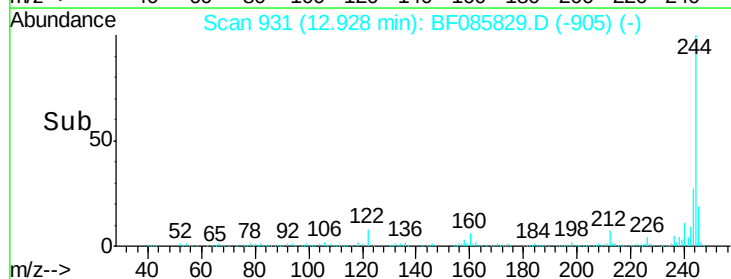
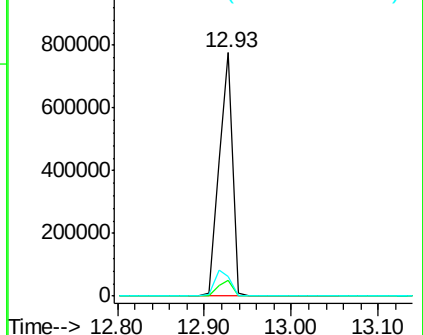
122 7.9 10.2 15.4#

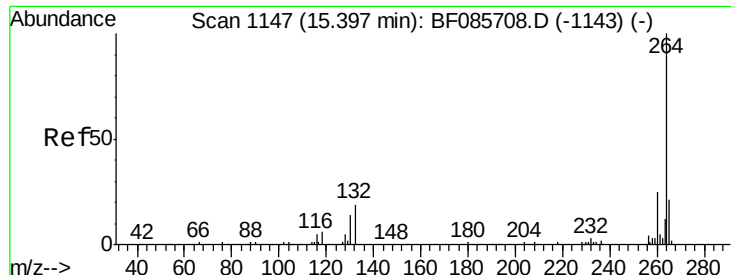


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

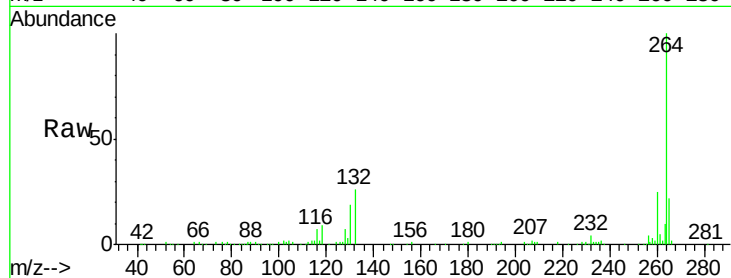




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085829.D
Acq: 29 Mar 2016 4:17

Instrument :
BNA_F
ClientSampleId :
PB89183TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	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

