

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085939.D
 Acq On : 31 Mar 2016 20:48
 Operator : UM/SJ
 Sample : H1976-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Mar 31 21:48:34 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

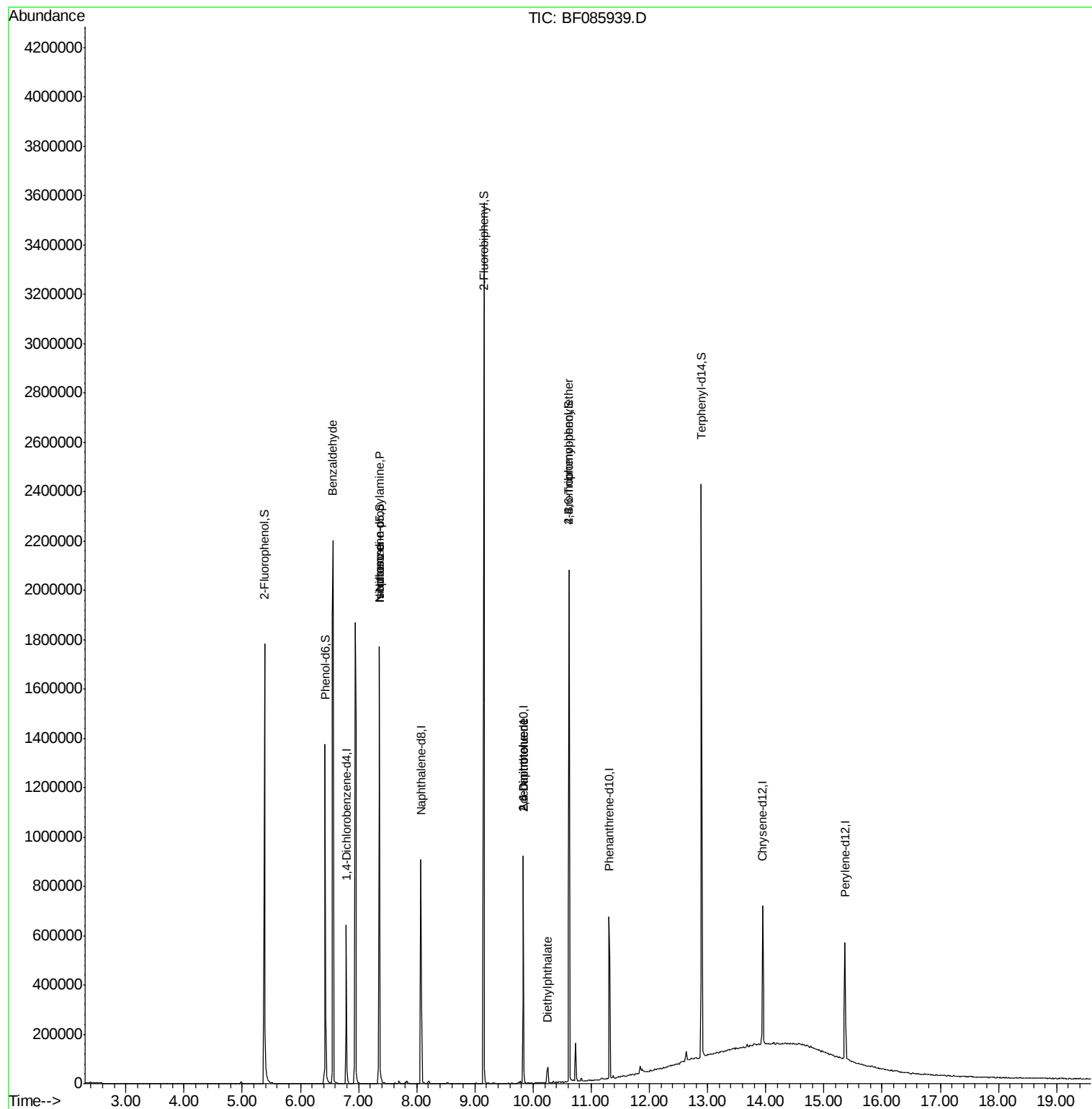
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110087	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	438515	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	191321	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	321222	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	203624	20.00	ng	-0.02
86) Perylene-d12	15.36	264	200483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	601068	90.93	ng	-0.01
7) Phenol-d6	6.42	99	488298	58.10	ng	-0.02
23) Nitrobenzene-d5	7.36	82	771058	99.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	254967	140.26	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1227369	107.18	ng	-0.01
78) Terphenyl-d14	12.89	244	866518	87.52	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	19510	3.85	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.36	70	100676	20.01	ng	# 74
25) Isophorone	7.36	82	756441	50.43	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	23879	7.64	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	23879	6.01	ng	# 36
59) Diethylphthalate	10.25	149	32433	2.26	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	17635	5.37	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: BF085939.D

Acq: 31 Mar 2016 20:48

Instrument :

BNA_F

ClientSampleId :

MW-3

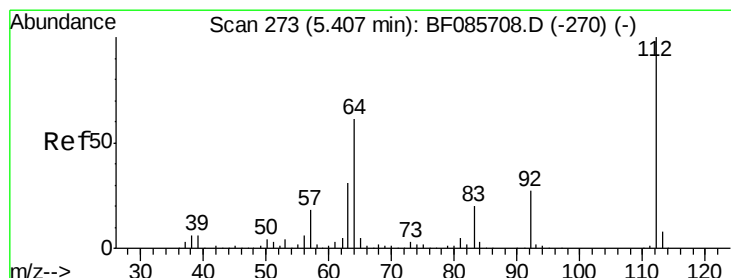
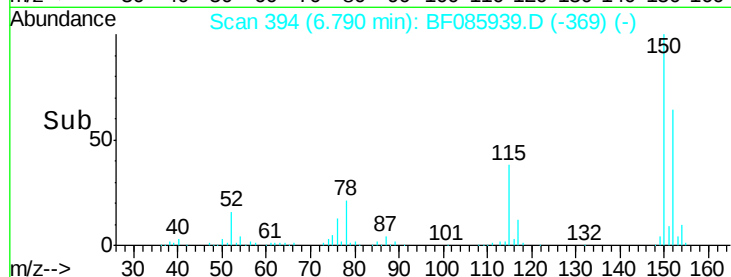
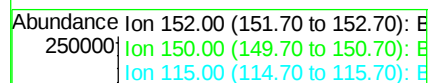
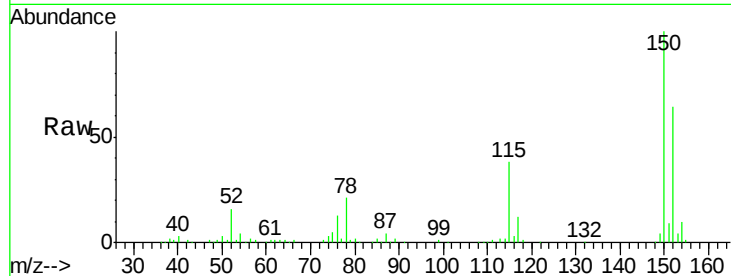
Tgt Ion:152 Resp: 110087

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.2

115 59.1 47.0 70.6



#5

2-Fluorophenol

Concen: 90.93 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085939.D

Acq: 31 Mar 2016 20:48

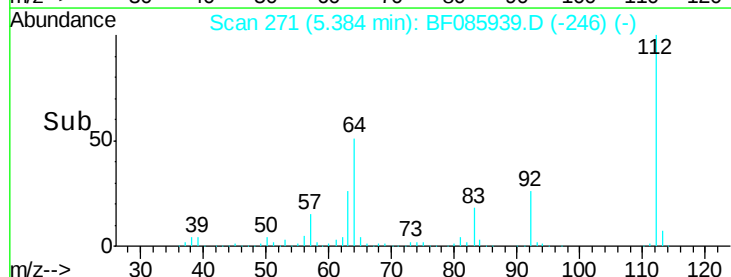
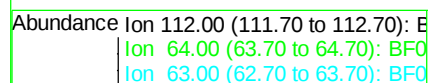
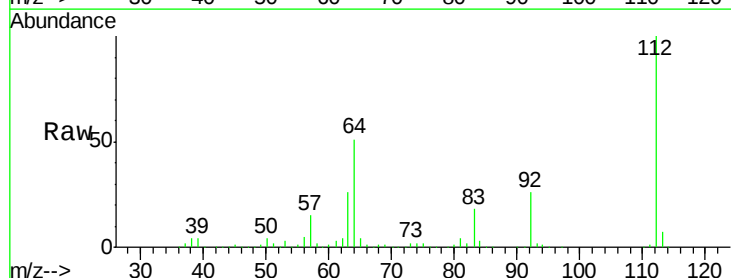
Tgt Ion:112 Resp: 601068

Ion Ratio Lower Upper

112 100

64 50.7 39.9 59.9

63 26.1 20.2 30.2





#7

Phenol-d6

Concen: 58.10 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085939.D

Acq: 31 Mar 2016 20:48

Instrument :

BNA_F

ClientSampleId :

MW-3

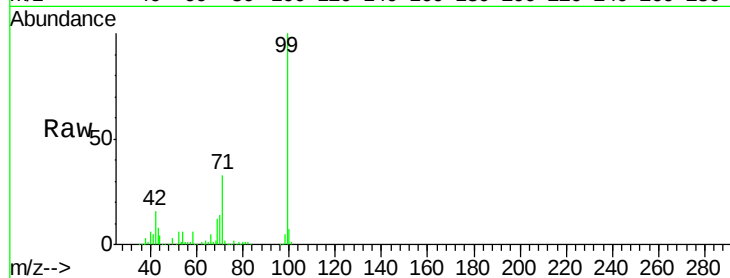
Tgt Ion: 99 Resp: 488298

Ion Ratio Lower Upper

99 100

42 16.0 11.1 16.7

71 33.0 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

600000

400000

200000

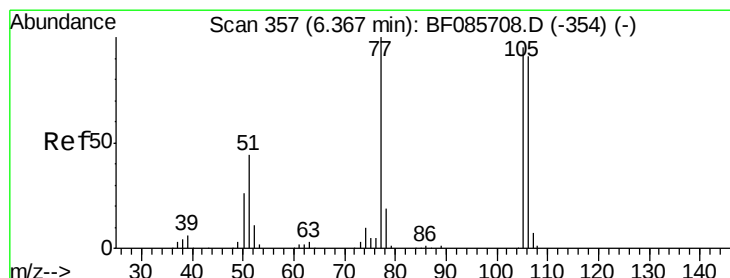
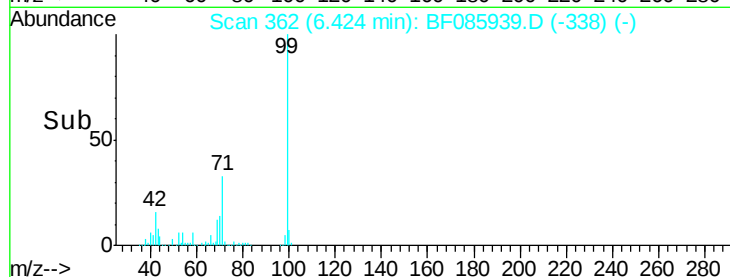
0

6.42

6.40

6.50

Time-->



#9

Benzaldehyde

Concen: 3.85 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085939.D

Acq: 31 Mar 2016 20:48

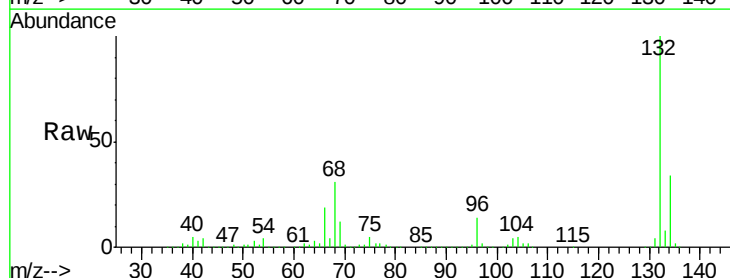
Tgt Ion: 77 Resp: 19510

Ion Ratio Lower Upper

77 100

105 93.7 80.1 120.1

106 84.3 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

15000

10000

5000

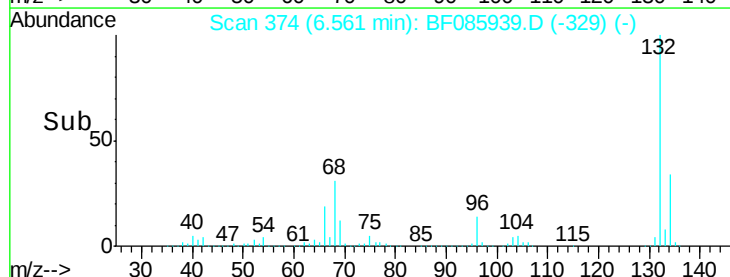
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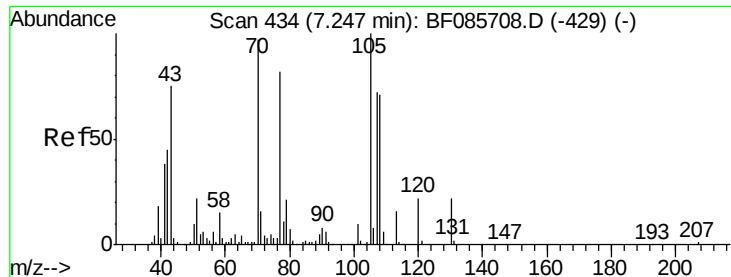
6.56

6.50

6.60

Time-->

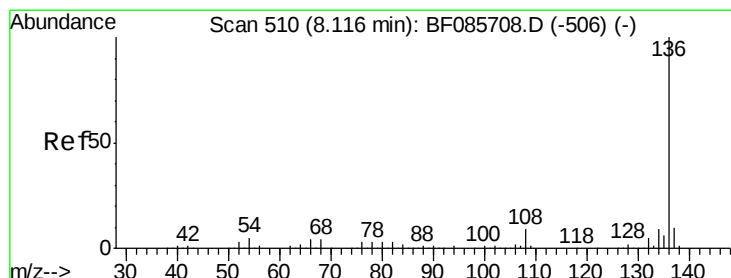
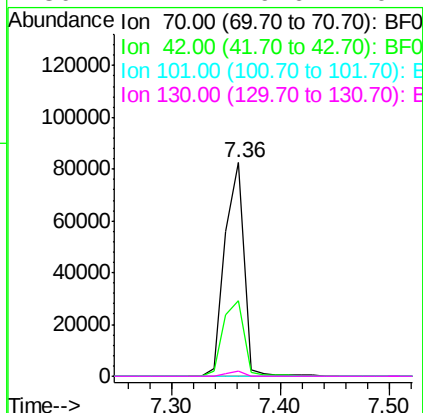
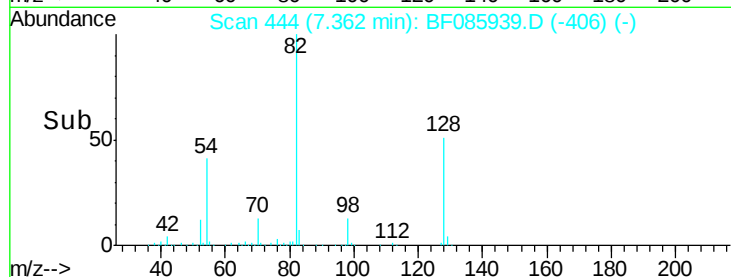
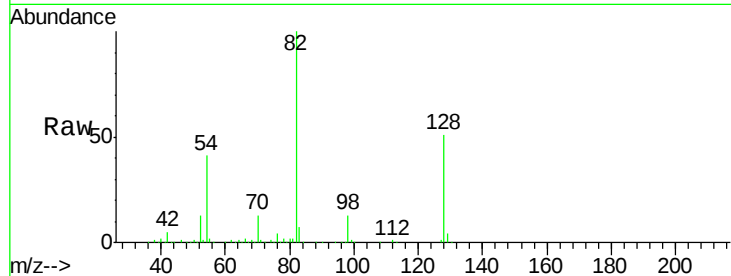




#19
n-Nitroso-di-n-propylamine
Concen: 20.01 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

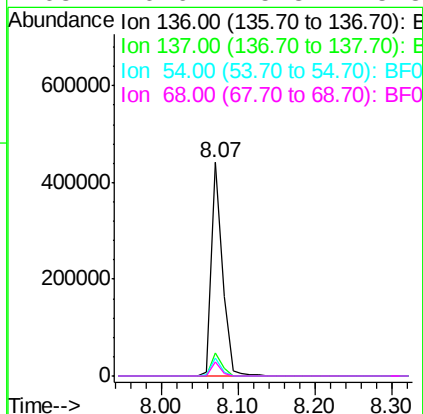
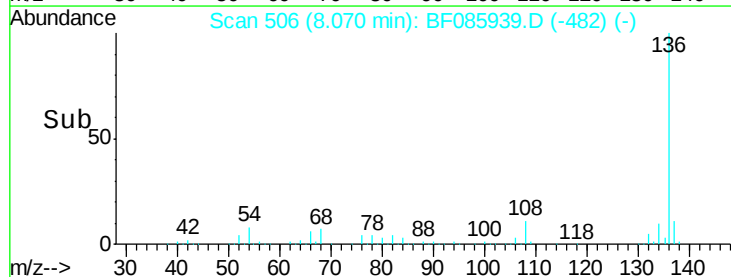
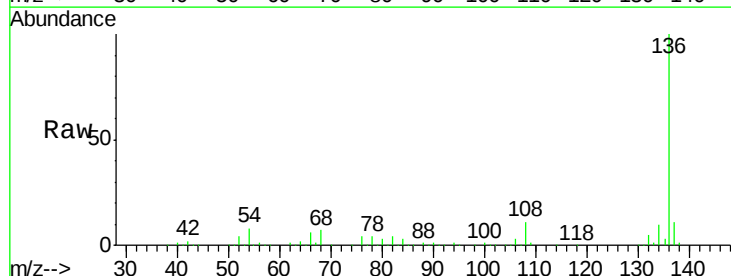
Instrument :
BNA_F
ClientSampleId :
MW-3

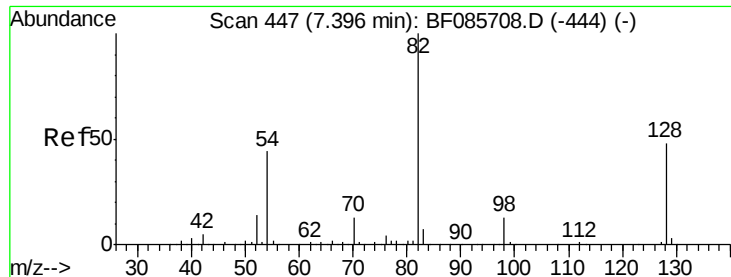
Tgt Ion: 70 Resp: 100676
Ion Ratio Lower Upper
70 100
42 35.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.7 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

Tgt Ion: 136 Resp: 438515
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.2 7.4 11.0
68 6.6 5.8 8.8

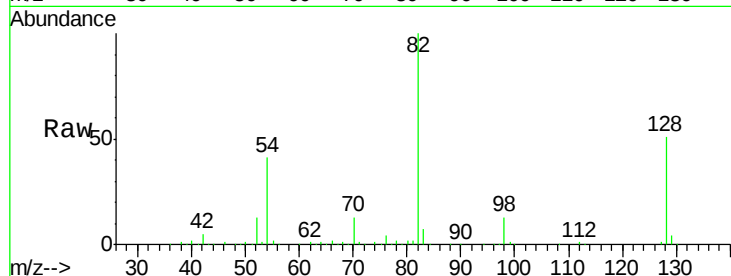




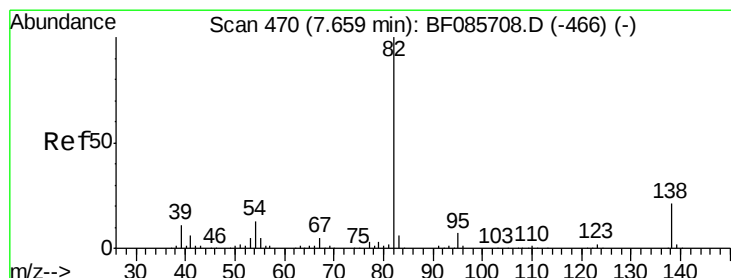
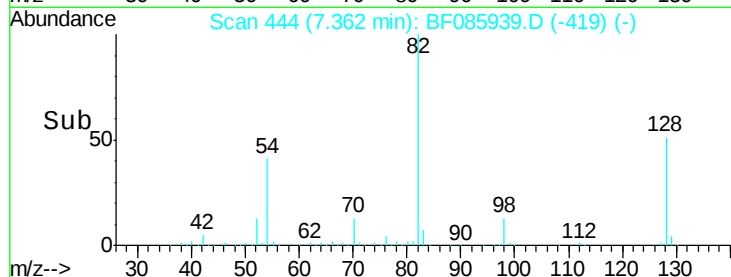
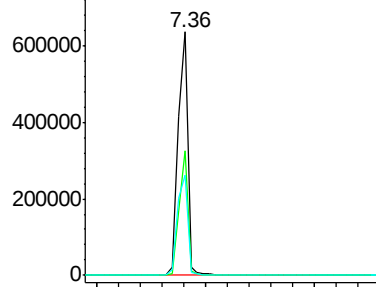
#23
 Nitrobenzene-d5
 Concen: 99.02 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion: 82 Resp: 771058
 Ion Ratio Lower Upper
 82 100
 128 51.0 41.8 62.8
 54 41.0 33.4 50.0

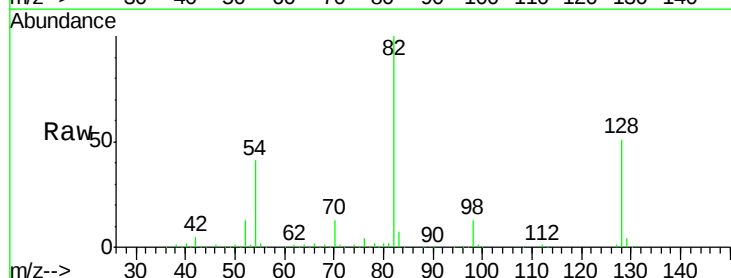


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

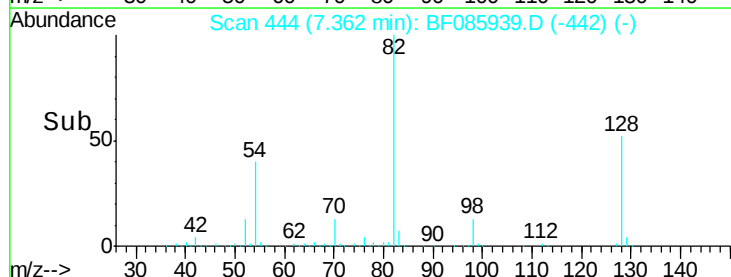
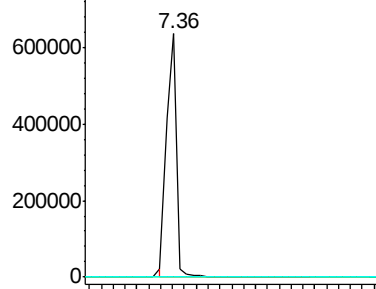


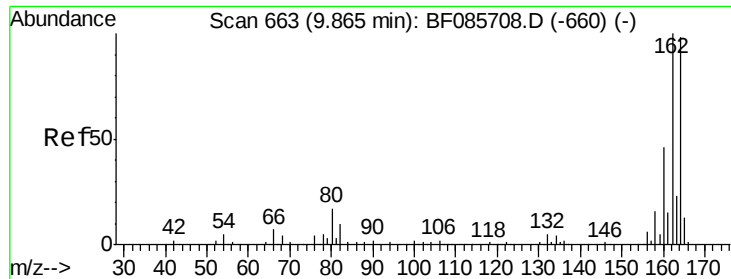
#25
 Isophorone
 Concen: 50.43 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

Tgt Ion: 82 Resp: 756441
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

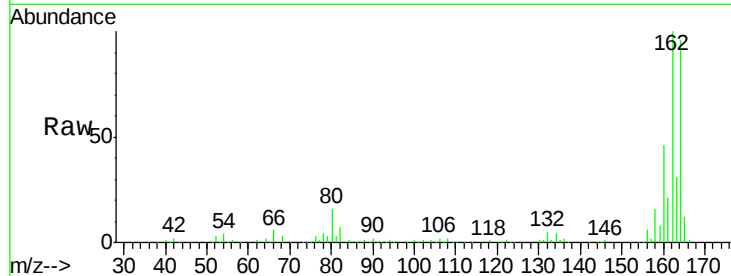




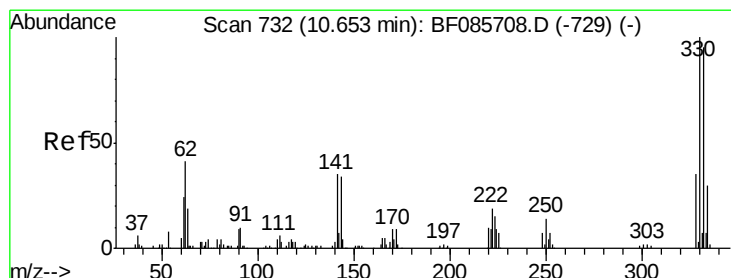
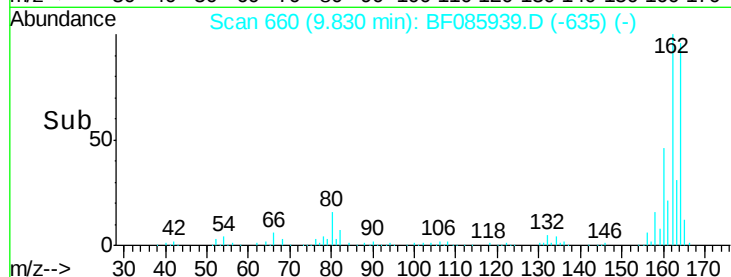
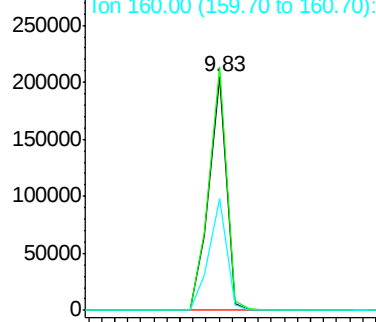
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

Instrument :
 BNA_F
 ClientSampled :
 MW-3

Tgt Ion:164 Resp: 191321
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.1 123.1
 160 47.6 37.4 56.2

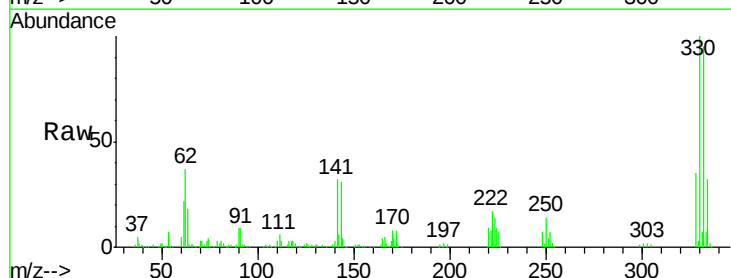


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

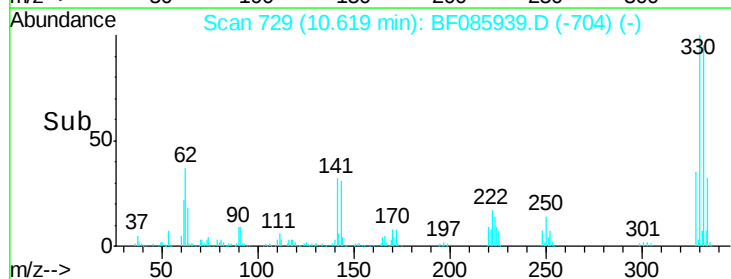
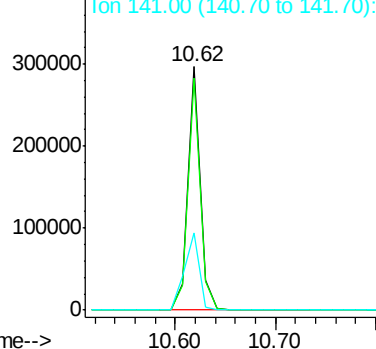


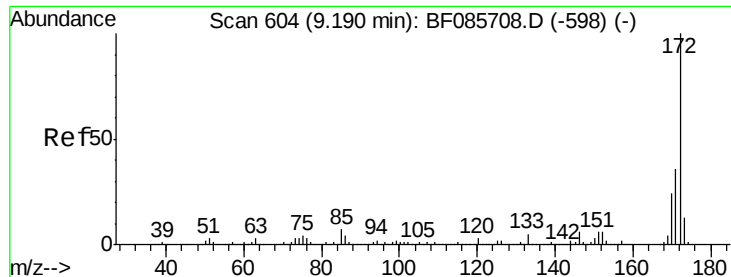
#41
 2,4,6-Tribromophenol
 Concen: 140.26 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

Tgt Ion:330 Resp: 254967
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.2 117.2
 141 37.8 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

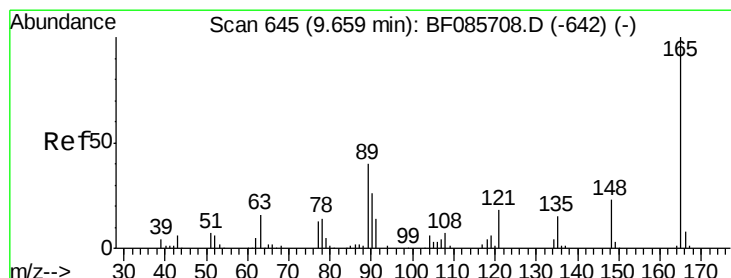
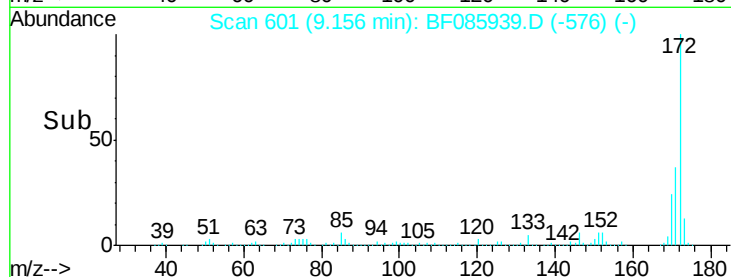
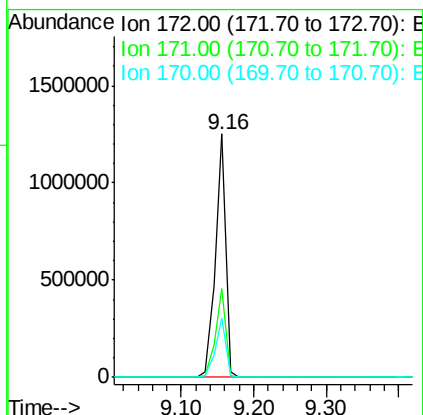
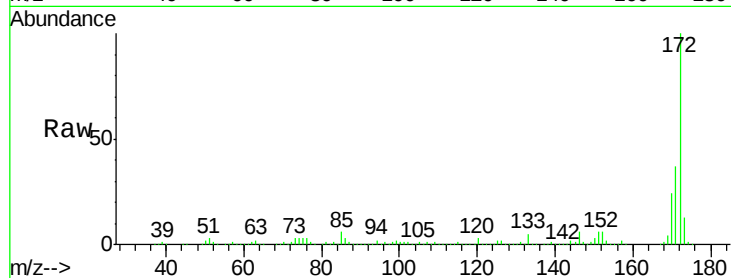




#44
 2-Fluorobiphenyl
 Concen: 107.18 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

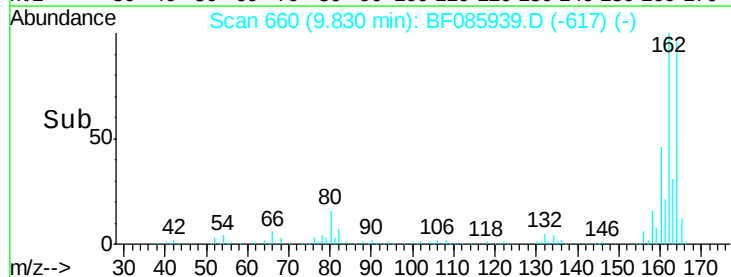
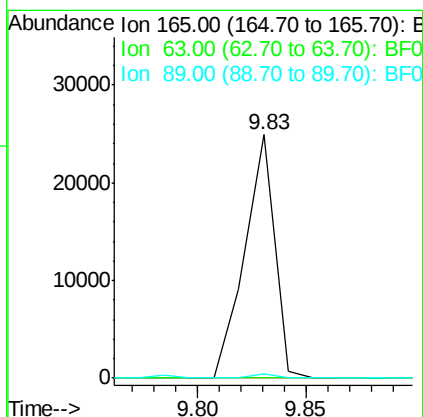
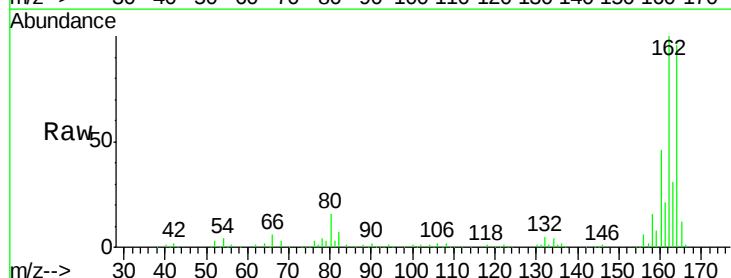
Instrument :
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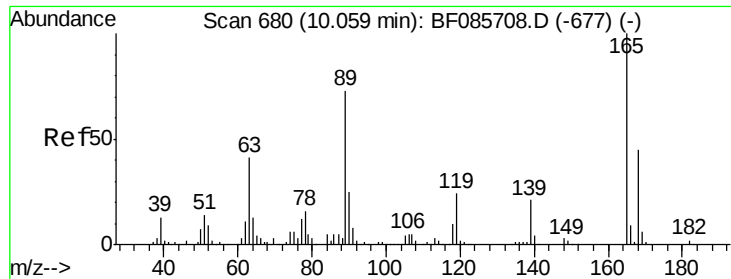
Tgt Ion:172 Resp: 1227369
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.4 19.8 29.6



#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

Tgt Ion:165 Resp: 23879
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 1.9 53.7 80.5#

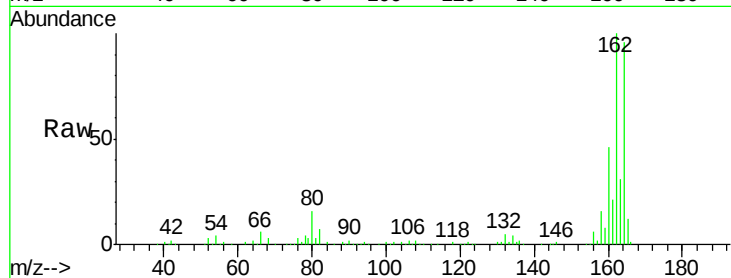




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:	165	Resp:	23879
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

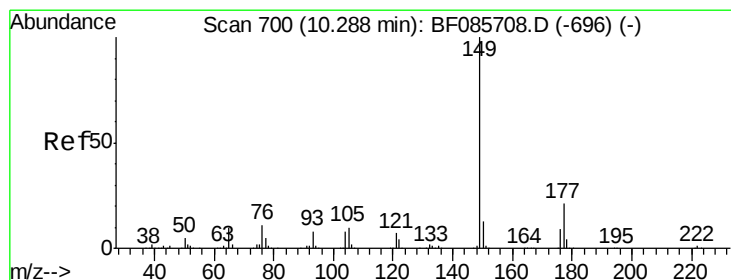
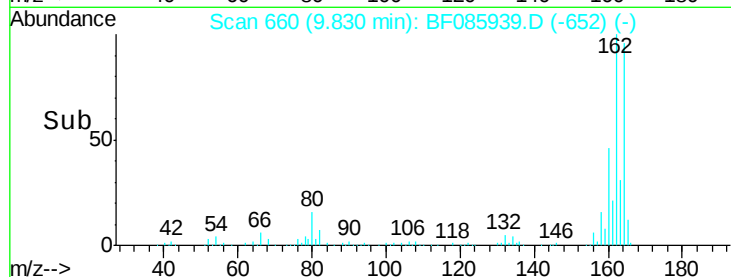
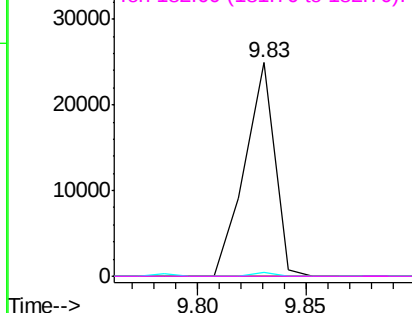


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

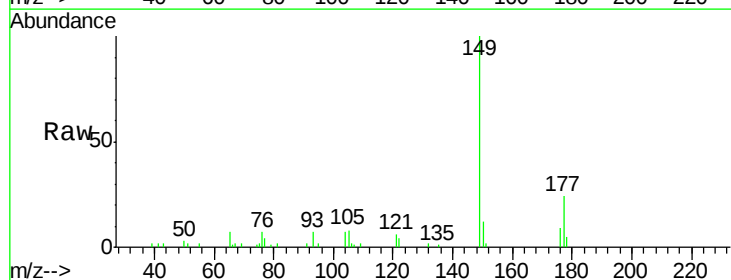
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
 Diethylphthalate
 Concen: 2.26 ng
 RT: 10.25 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF085939.D
 Acq: 31 Mar 2016 20:48

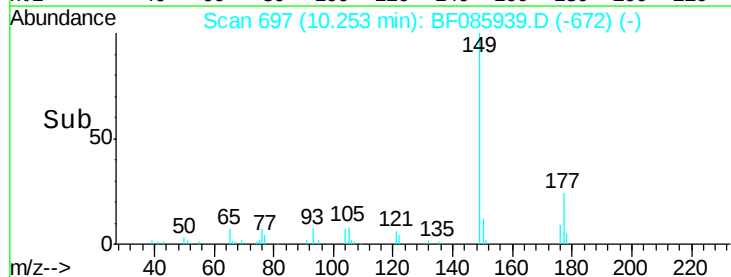
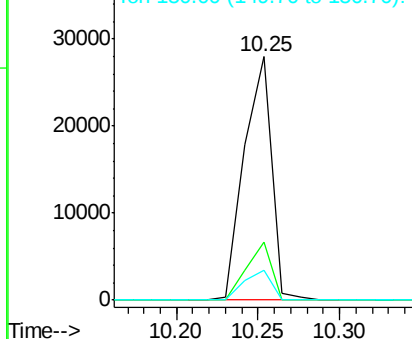
Tgt Ion:	149	Resp:	32433
Ion Ratio	Lower	Upper	
149	100		
177	23.9	17.9	26.9
150	12.5	10.2	15.2

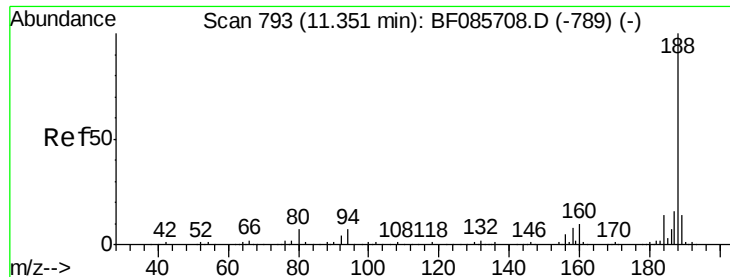


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

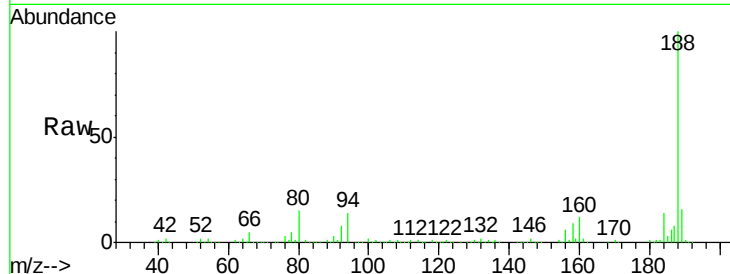




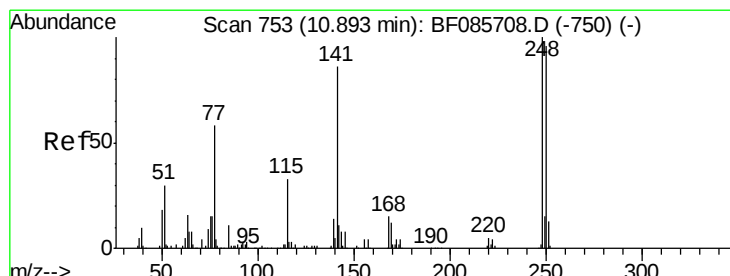
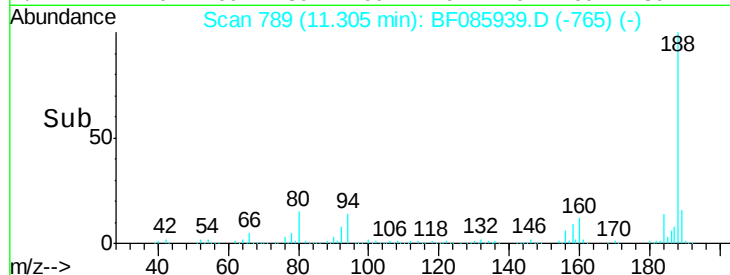
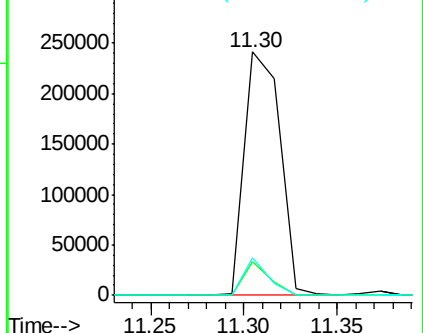
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 321222
Ion Ratio Lower Upper
188 100
94 13.6 5.4 8.0#
80 15.4 5.5 8.3#

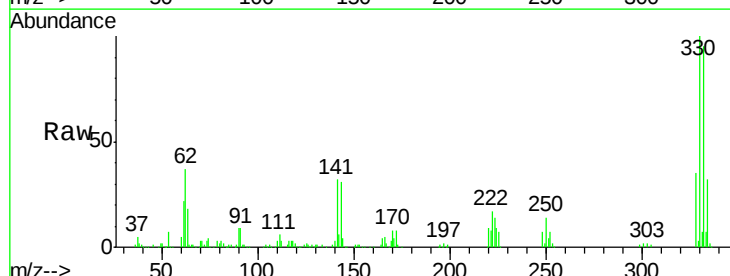


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

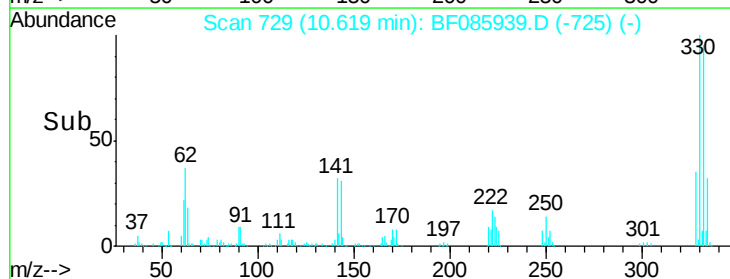
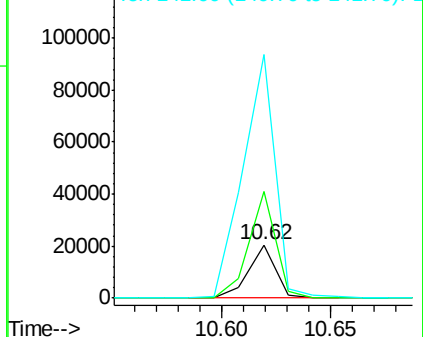


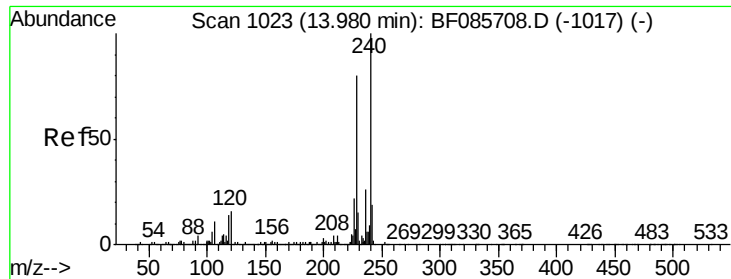
#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

Tgt Ion:248 Resp: 17635
Ion Ratio Lower Upper
248 100
250 199.5 77.4 116.0#
141 457.2 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

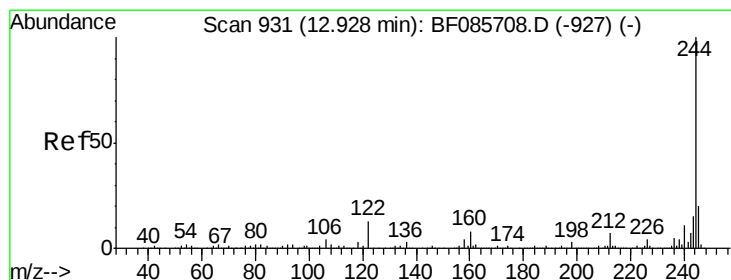
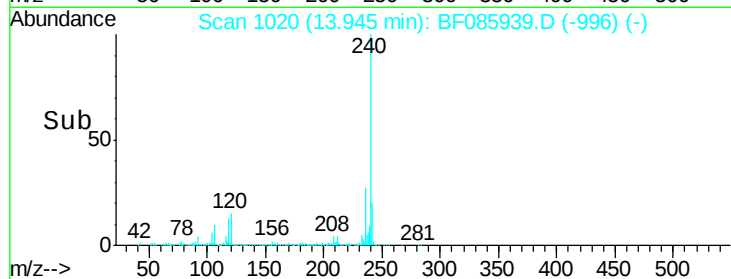
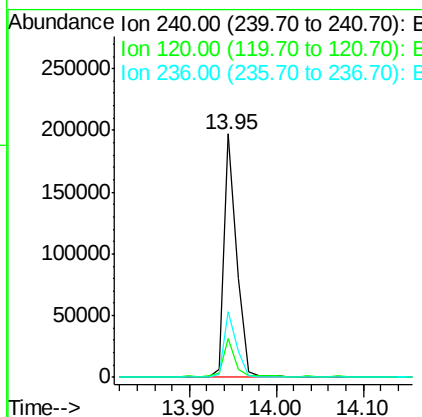
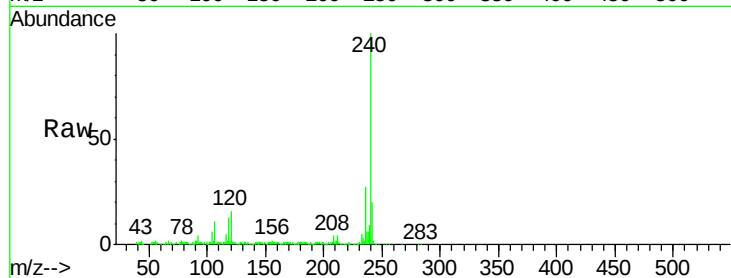




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

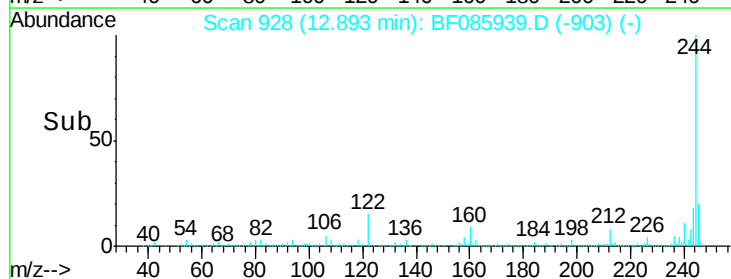
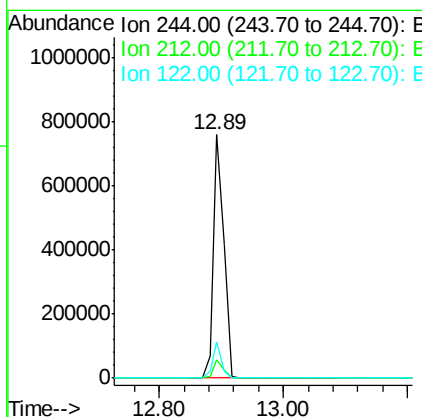
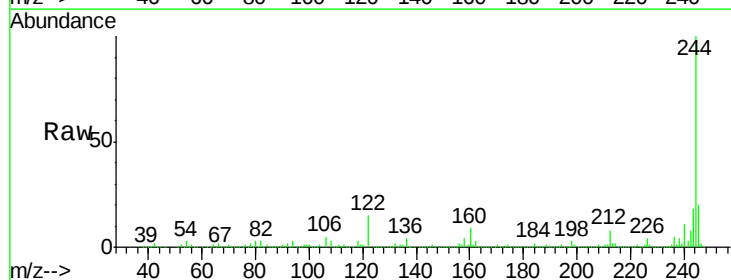
Instrument :
BNA_F
ClientSampleId :
MW-3

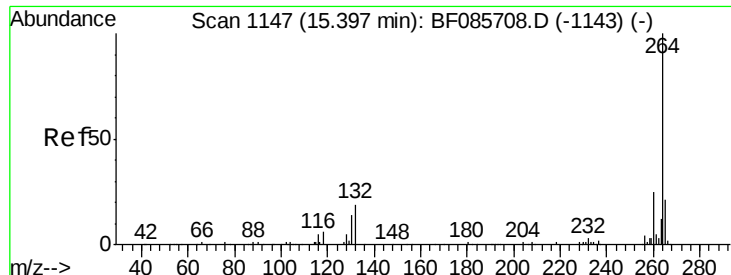
Tgt Ion:240 Resp: 203624
Ion Ratio Lower Upper
240 100
120 15.9 13.8 20.8
236 26.8 20.6 30.8



#78
Terphenyl-d14
Concen: 87.52 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

Tgt Ion:244 Resp: 866518
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 14.7 10.2 15.4

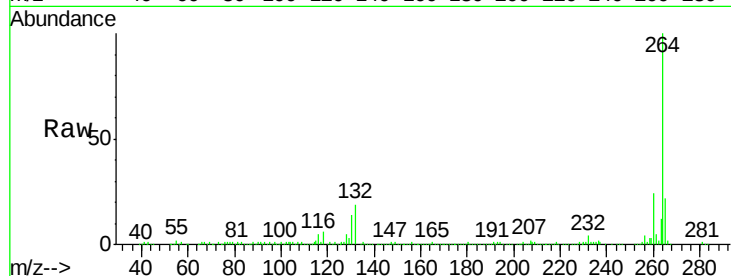




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085939.D
Acq: 31 Mar 2016 20:48

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 264 Resp: 200483
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.7 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

