

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085931.D
 Acq On : 31 Mar 2016 16:57
 Operator : UM/SJ
 Sample : H1954-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Mar 31 21:46:12 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

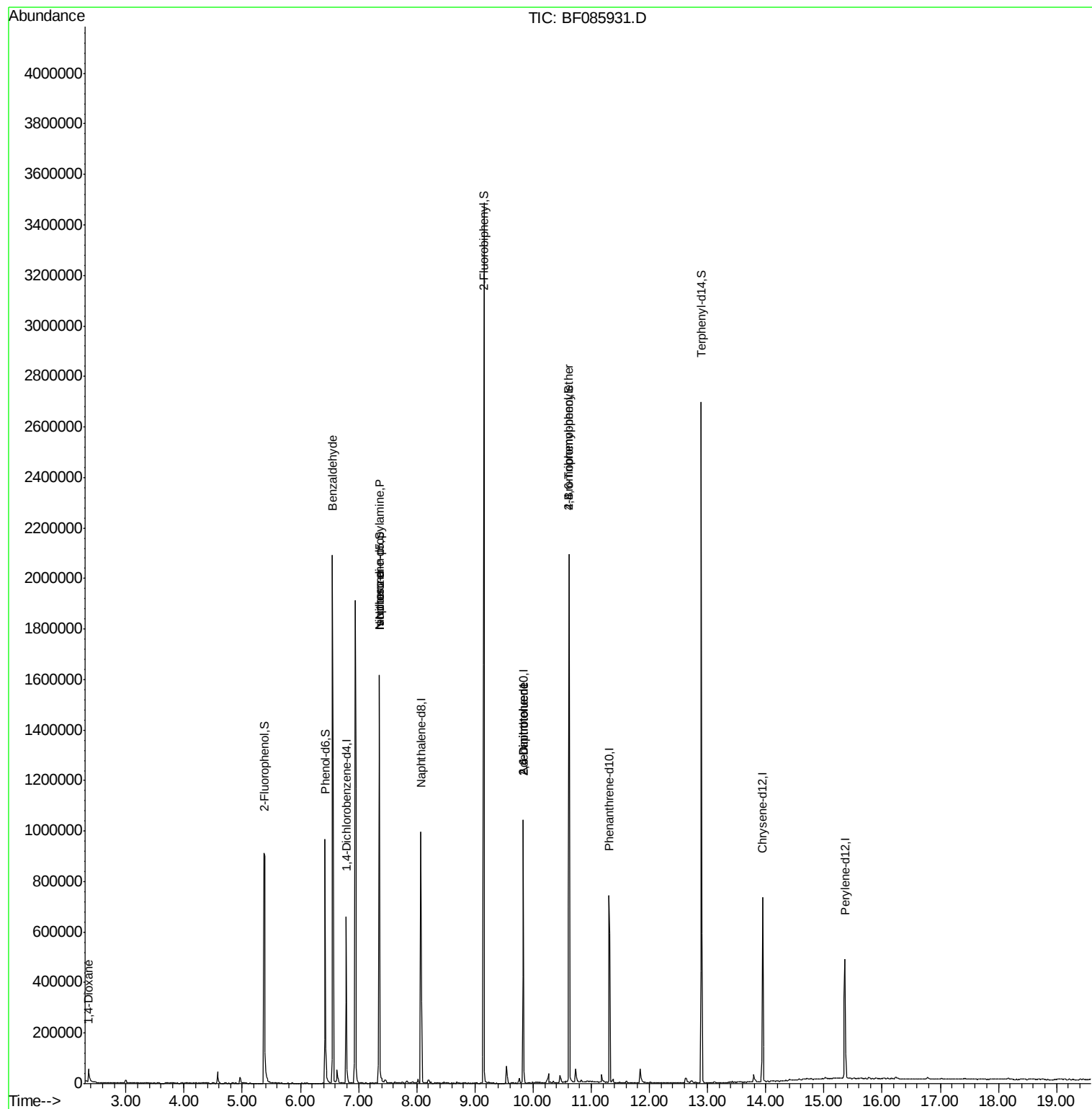
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119431	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	480706	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	223139	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	371855	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	236037	20.00	ng	-0.02
86) Perylene-d12	15.36	264	229299	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	446061	62.20	ng	-0.01
7) Phenol-d6	6.42	99	369043	40.48	ng	-0.02
23) Nitrobenzene-d5	7.36	82	757654	88.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	259336	122.32	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1238081	92.70	ng	-0.01
78) Terphenyl-d14	12.89	244	853879	74.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.36	88	31654	9.24	ng	99
9) Benzaldehyde	6.55	77	16186	2.95	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	98680	18.08	ng	# 74
25) Isophorone	7.36	82	741255	45.08	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	28429	7.80	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	28429	6.14	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	18197	4.78	ng	# 1

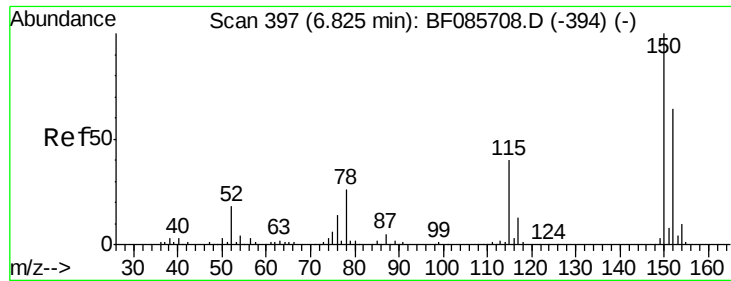
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085931.D

Acq: 31 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

MW-3

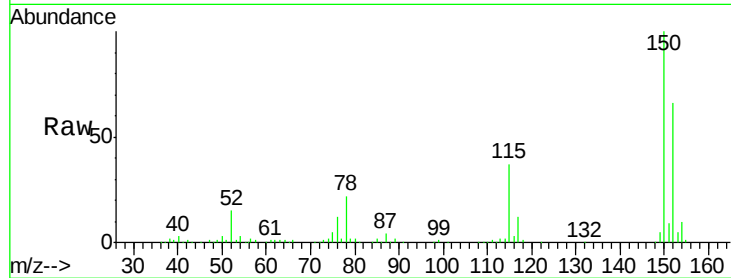
Tgt Ion:152 Resp: 119431

Ion Ratio Lower Upper

152 100

150 152.6 124.2 186.2

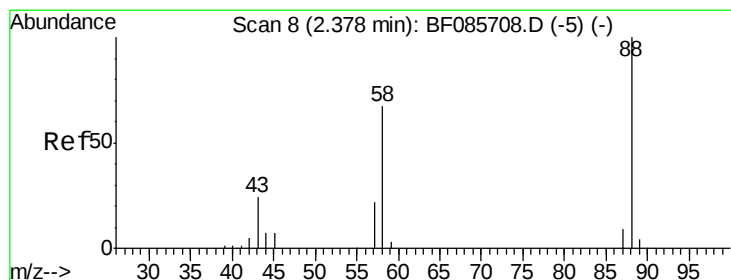
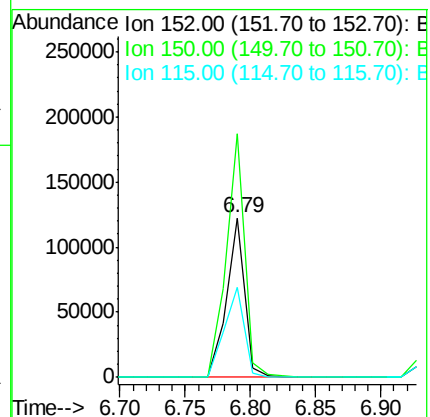
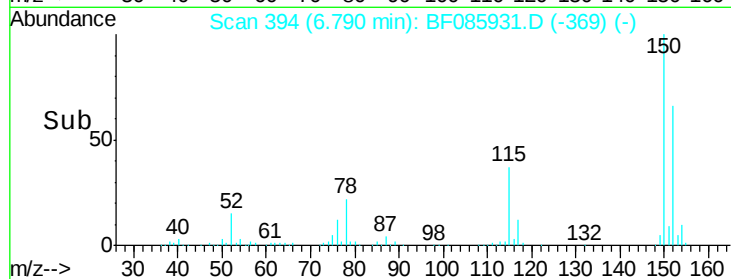
115 56.1 47.0 70.6



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



#2

1,4-Dioxane

Concen: 9.24 ng

RT: 2.36 min Scan# 6

Delta R.T. 0.02 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

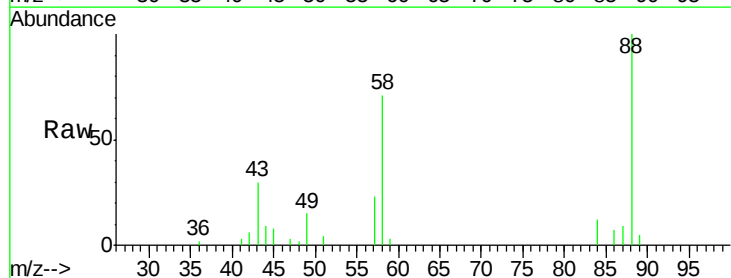
Tgt Ion: 88 Resp: 31654

Ion Ratio Lower Upper

88 100

58 68.1 54.2 81.2

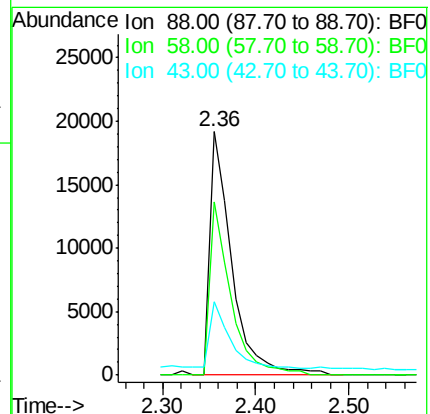
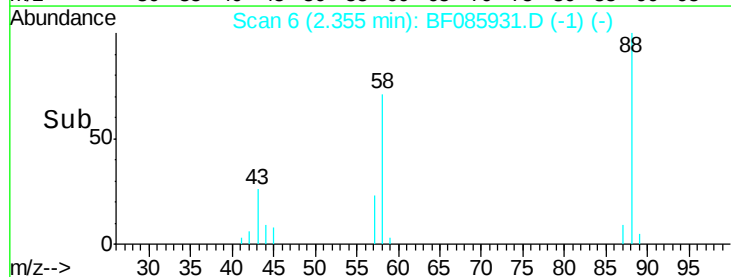
43 24.5 19.3 28.9

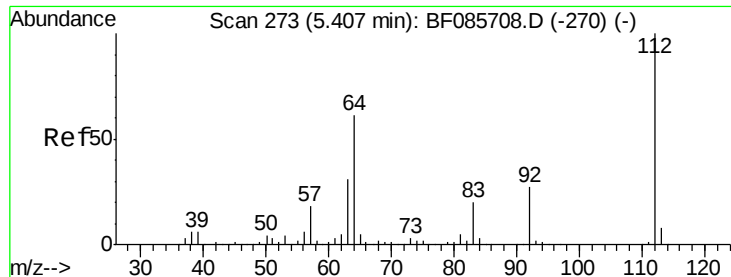


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 62.20 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

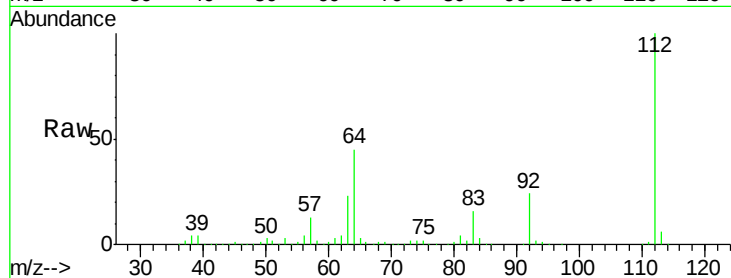
Instrument :

BNA_F

ClientSampleId :

MW-3

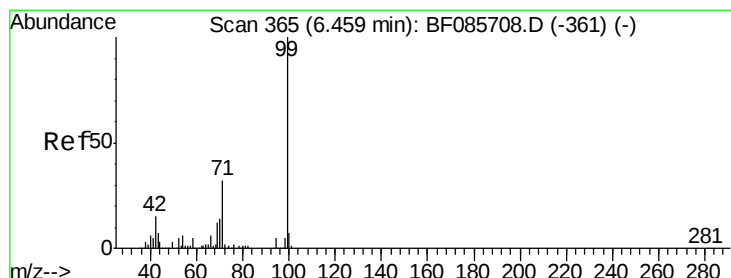
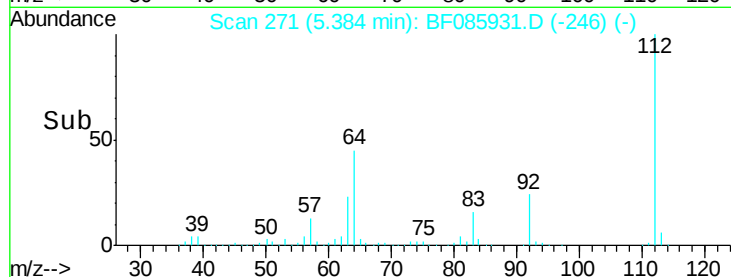
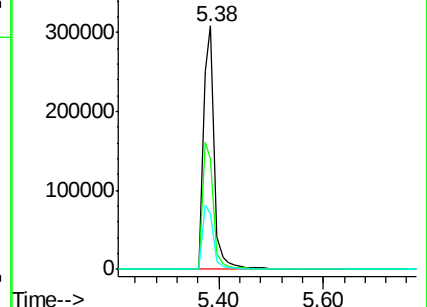
Tgt Ion:	112	Resp:	446061
Ion	Ratio	Lower	Upper
112	100		
64	45.3	39.9	59.9
63	23.0	20.2	30.2



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: 40.48 ng

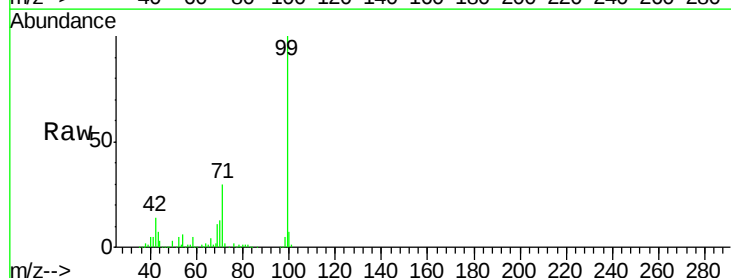
RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

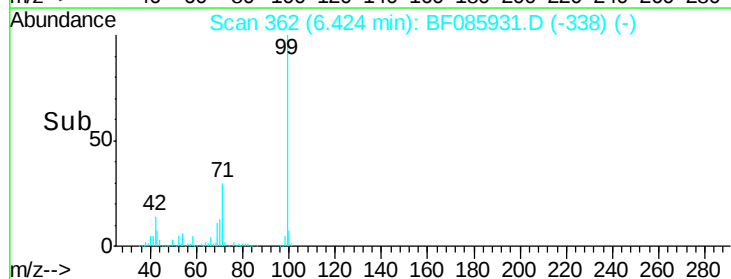
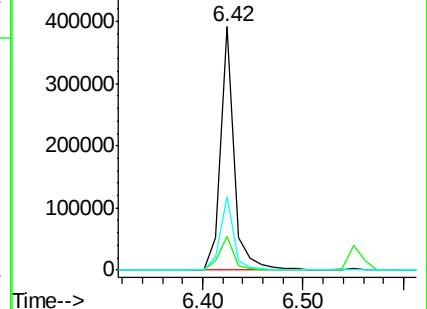
Tgt Ion:	99	Resp:	369043
Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.1	16.7
71	30.3	24.9	37.3

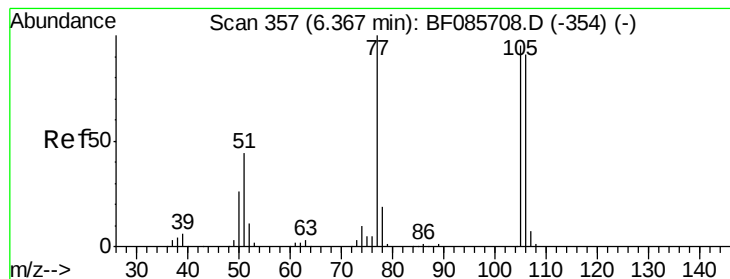


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.55 min Scan# 373

Delta R.T. 0.21 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

MW-3

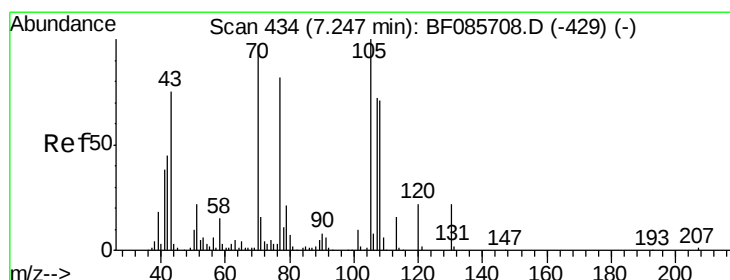
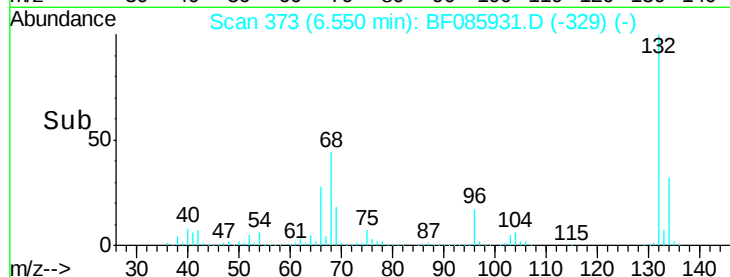
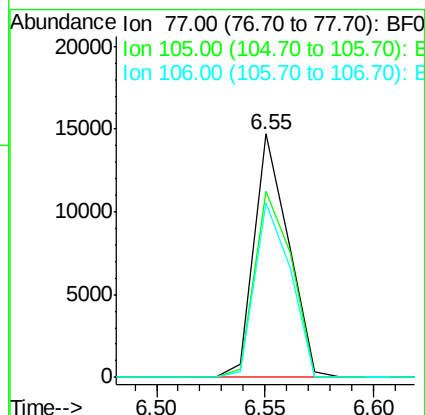
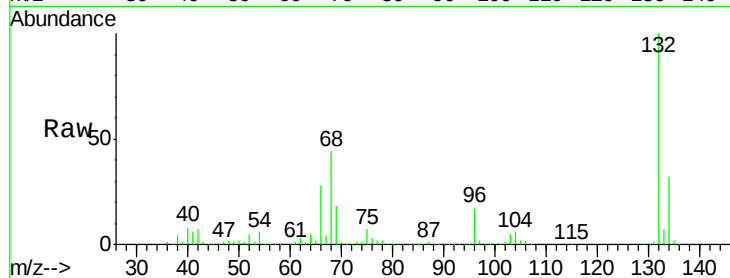
Tgt Ion: 77 Resp: 16186

Ion Ratio Lower Upper

77 100

105 76.6 80.1 120.1#

106 71.4 75.0 115.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.08 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

Tgt Ion: 70 Resp: 98680

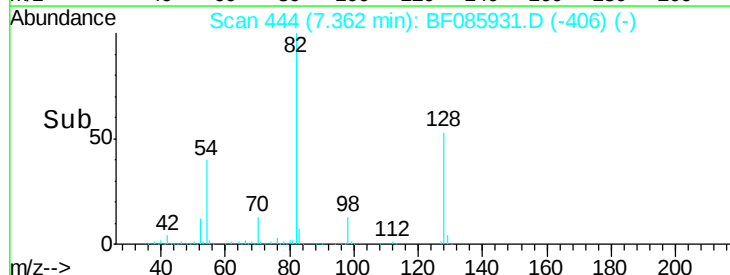
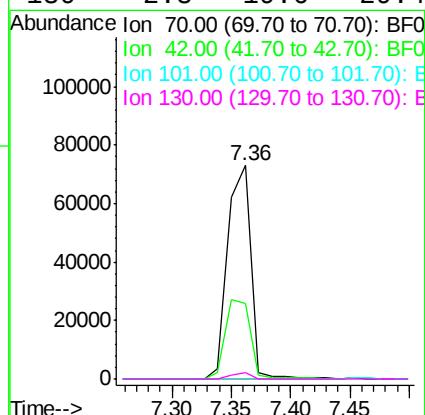
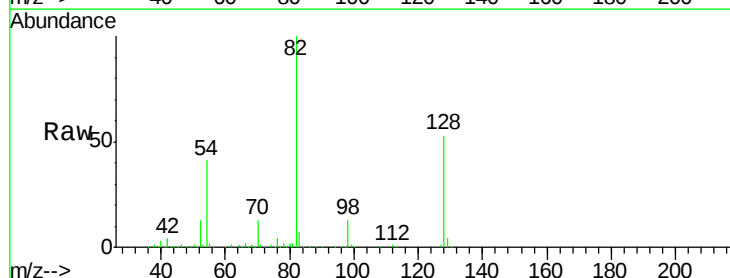
Ion Ratio Lower Upper

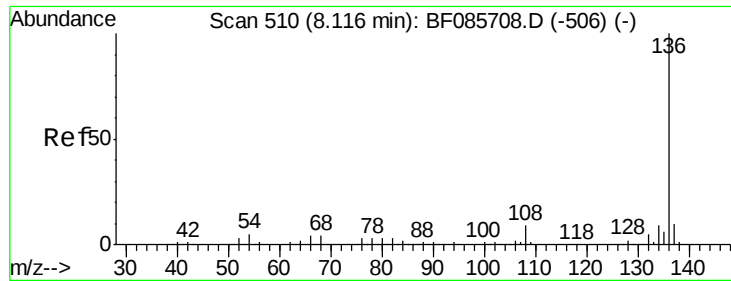
70 100

42 35.1 37.1 55.7#

101 0.0 8.6 12.8#

130 2.8 19.6 29.4#

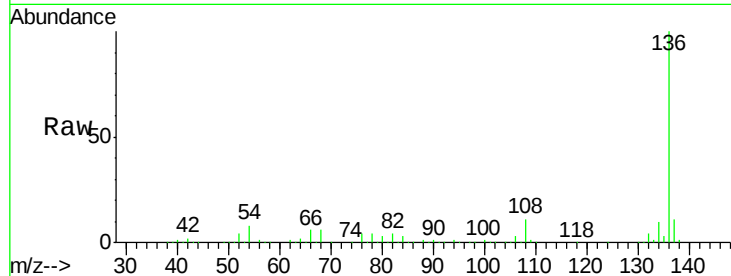




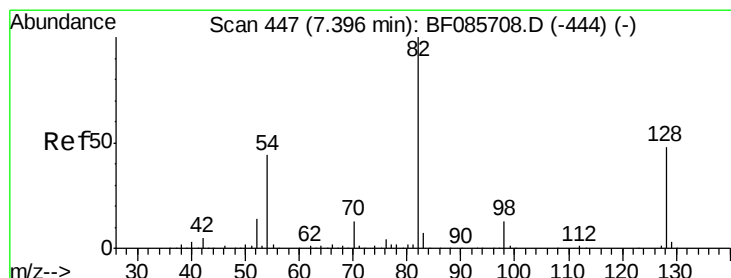
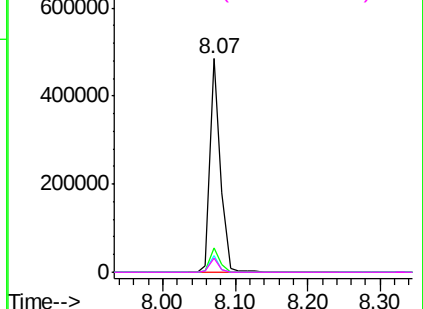
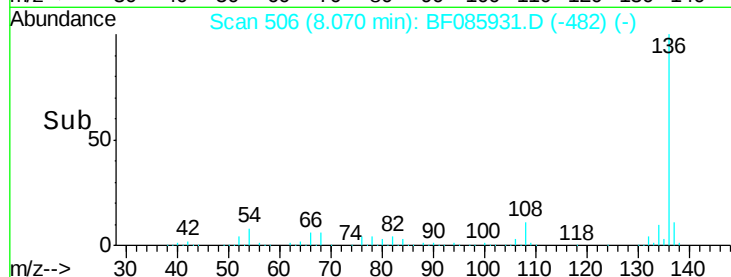
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085931.D
Acq: 31 Mar 2016 16:57

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:	136	Resp:	480706
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.9	7.4	11.0
68	6.4	5.8	8.8

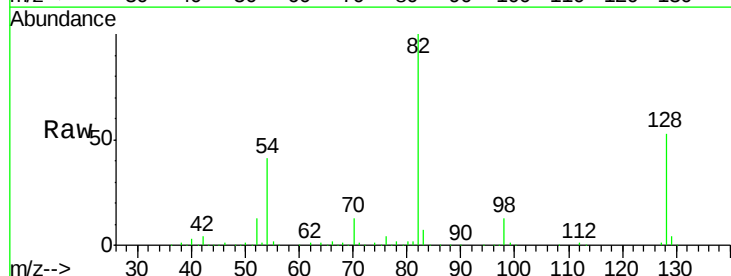


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

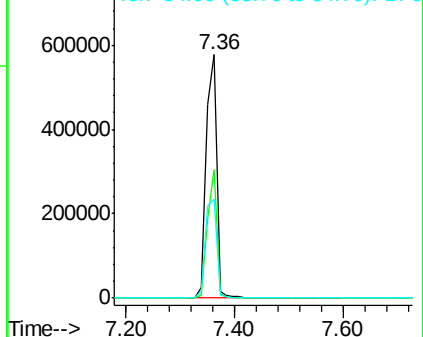
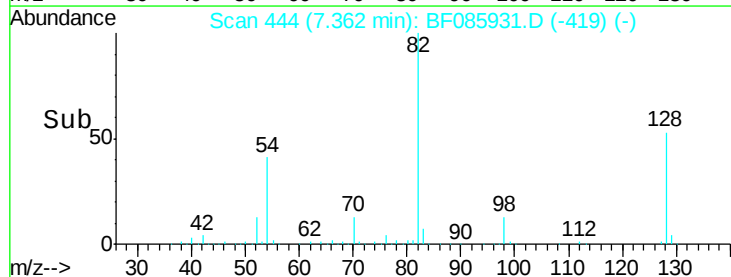


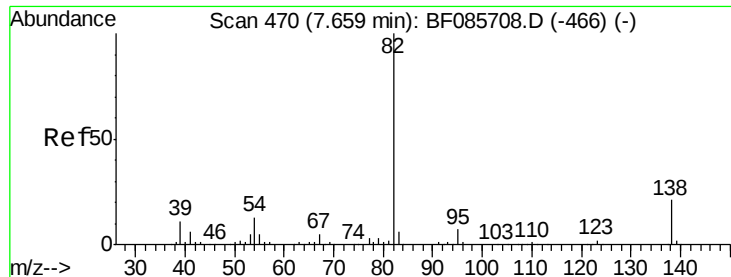
#23
Nitrobenzene-d5
Concen: 88.76 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085931.D
Acq: 31 Mar 2016 16:57

Tgt Ion:	82	Resp:	757654
Ion	Ratio	Lower	Upper
82	100		
128	53.0	41.8	62.8
54	40.6	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





#25

Isophorone

Concen: 45.08 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

Instrument :

BNA_F

ClientSampled :

MW-3

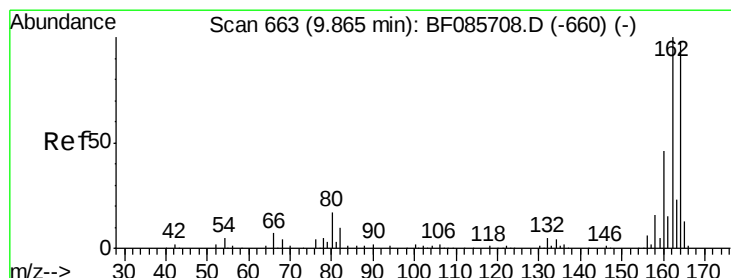
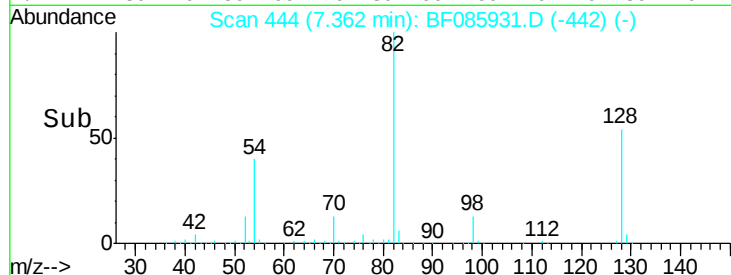
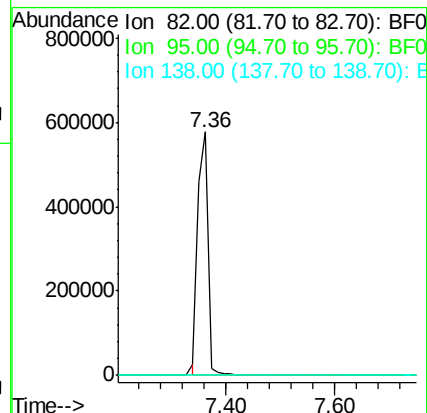
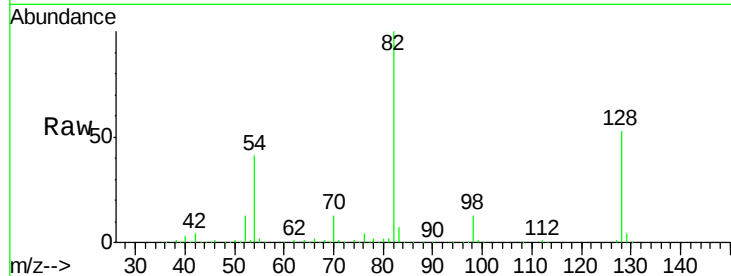
Tgt Ion: 82 Resp: 741255

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: BF085931.D

Acq: 31 Mar 2016 16:57

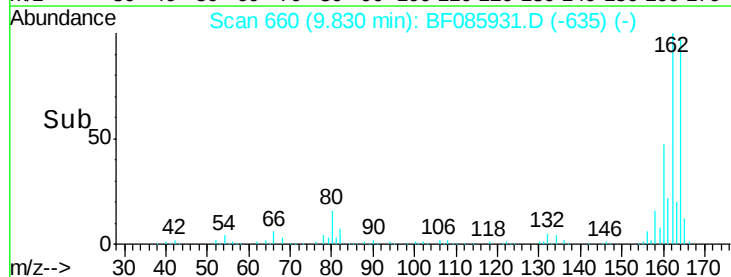
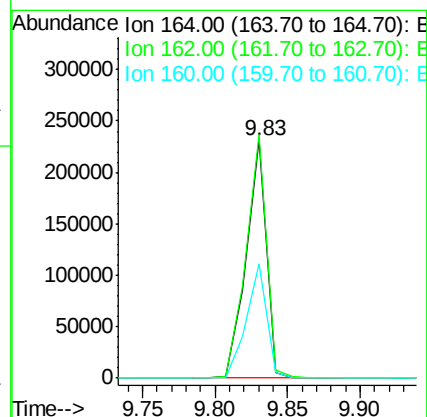
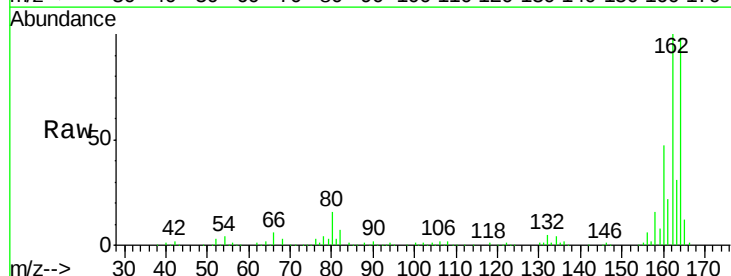
Tgt Ion: 164 Resp: 223139

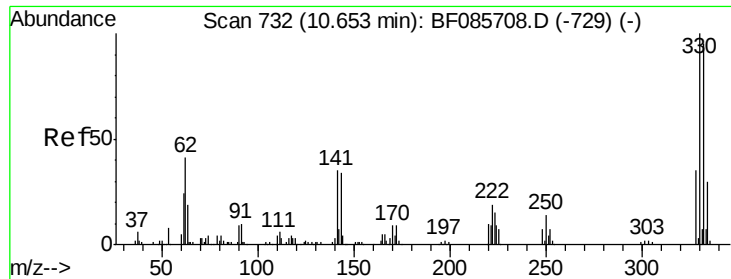
Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

160 48.3 37.4 56.2

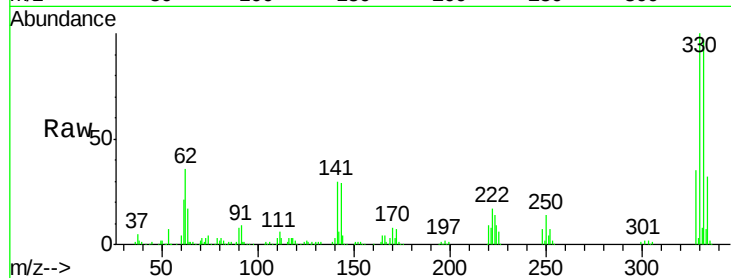




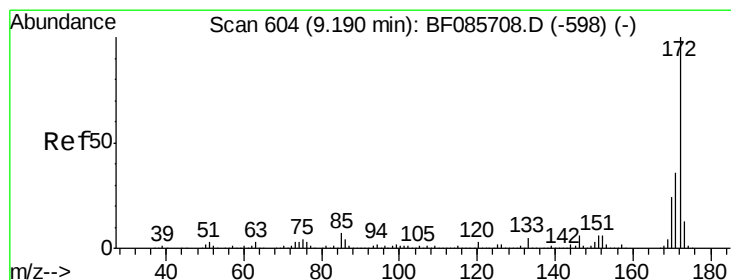
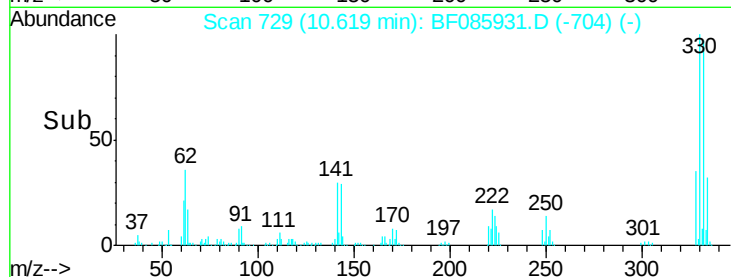
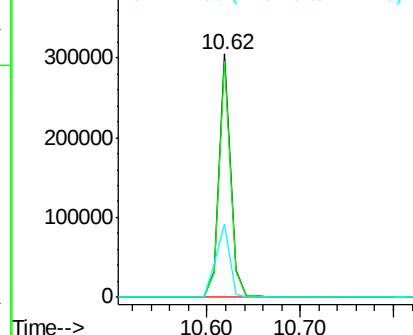
#41
 2,4,6-Tribromophenol
 Concen: 122.32 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085931.D
 Acq: 31 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	37.4	31.5	47.3

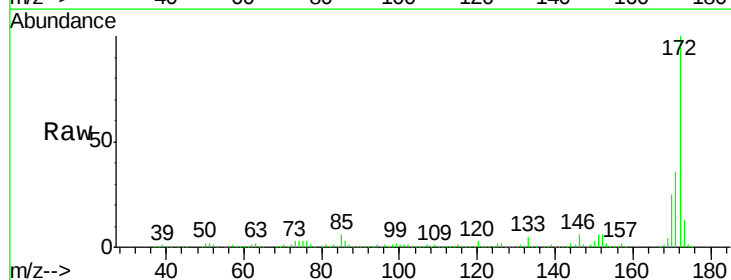


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

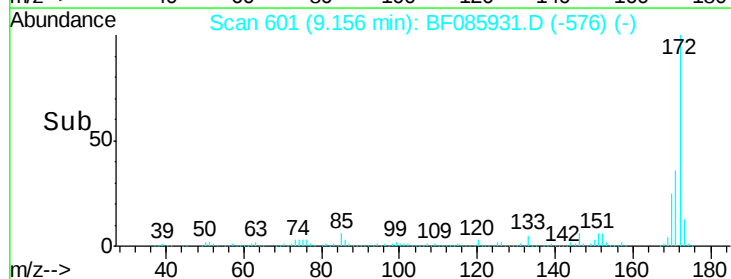
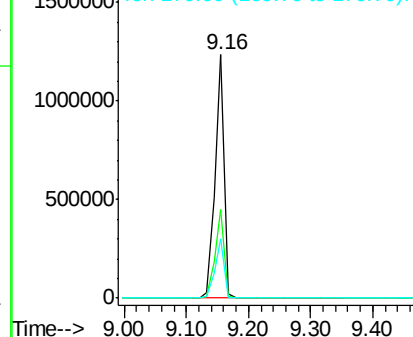


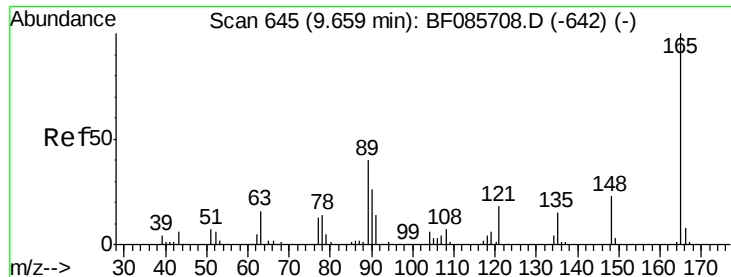
#44
 2-Fluorobiphenyl
 Concen: 92.70 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085931.D
 Acq: 31 Mar 2016 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.6	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

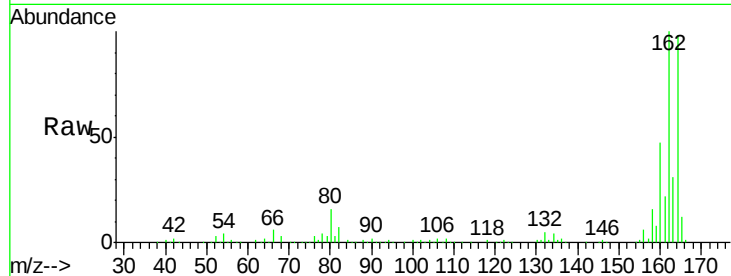




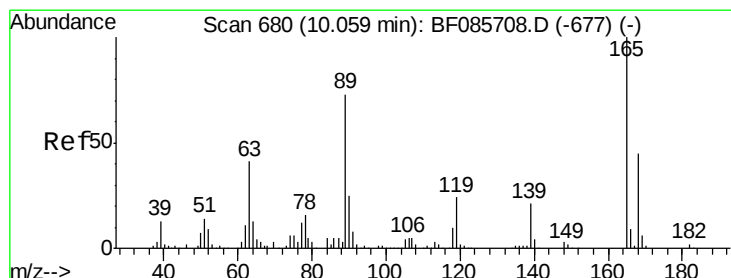
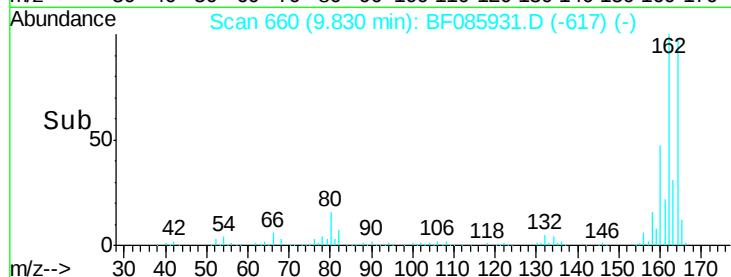
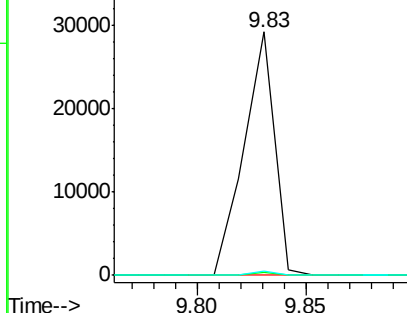
#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.83 min Scan# 660
 Delta R.T. 0.19 min
 Lab File: BF085931.D
 Acq: 31 Mar 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.8	77.8#
89	1.9	53.7	80.5#



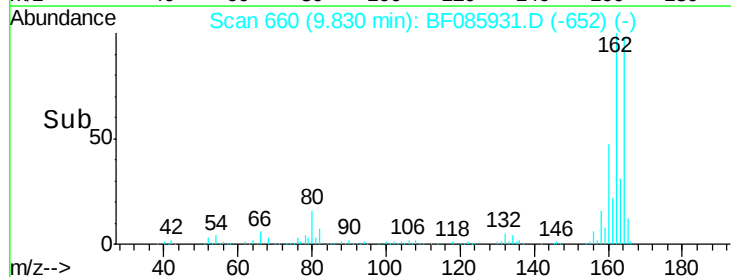
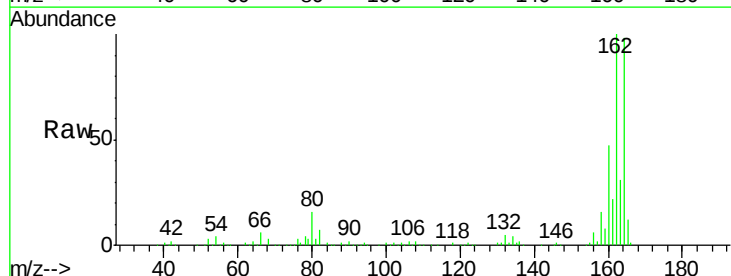
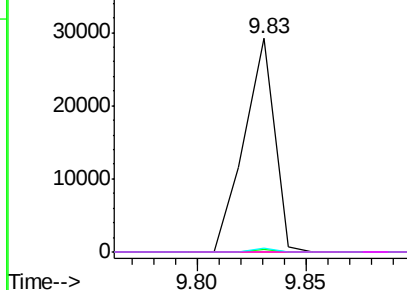
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

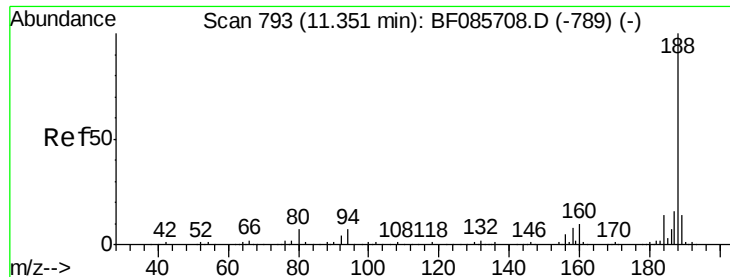


#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085931.D
 Acq: 31 Mar 2016 16:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

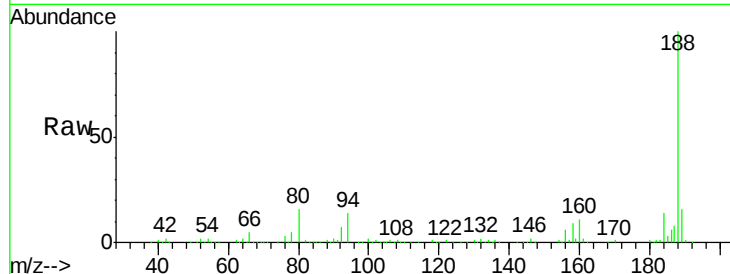




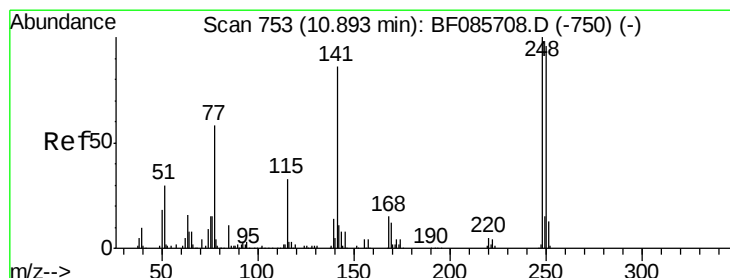
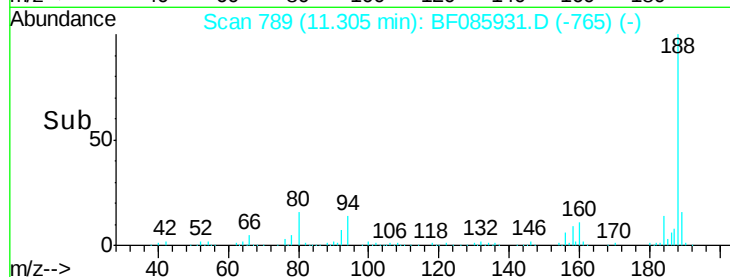
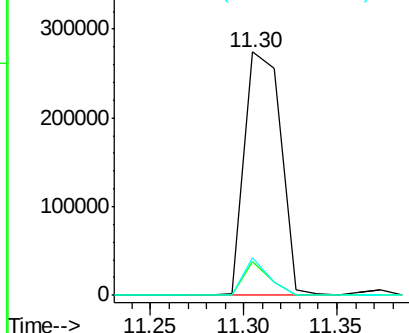
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085931.D
Acq: 31 Mar 2016 16:57

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 371855
Ion Ratio Lower Upper
188 100
94 13.8 5.4 8.0#
80 15.6 5.5 8.3#

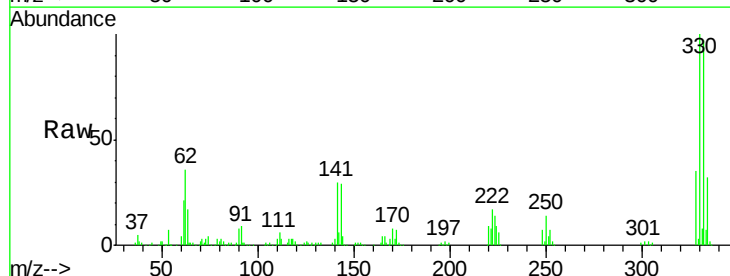


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

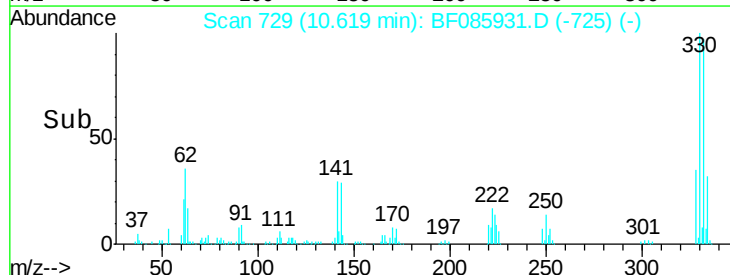
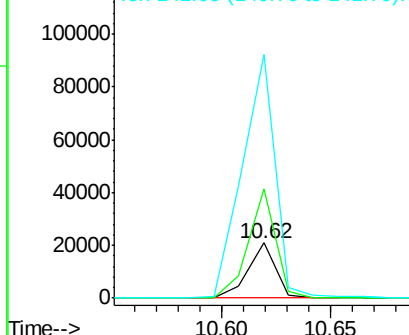


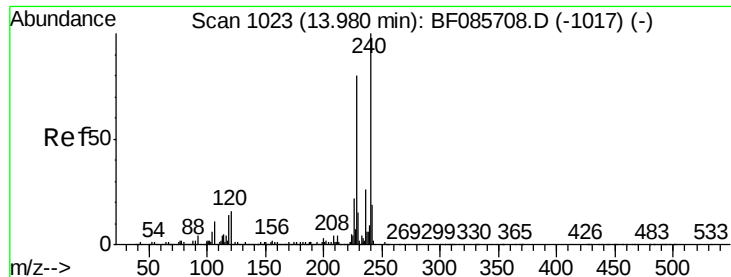
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085931.D
Acq: 31 Mar 2016 16:57

Tgt Ion:248 Resp: 18197
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.0#
141 440.9 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: BF085931.D

Acq: 31 Mar 2016 16:57

Instrument :

BNA_F

ClientSampleId :

MW-3

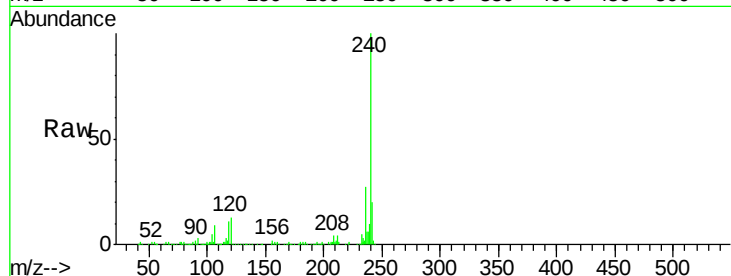
Tgt Ion:240 Resp: 236037

Ion Ratio Lower Upper

240 100

120 13.4 13.8 20.8#

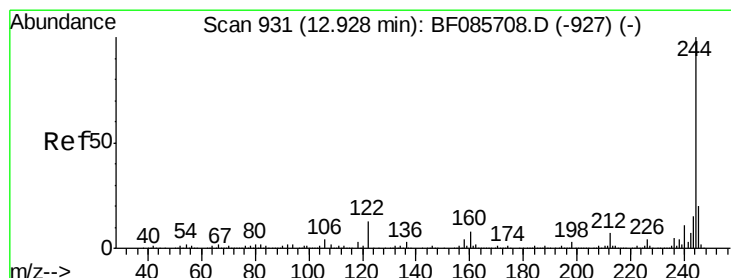
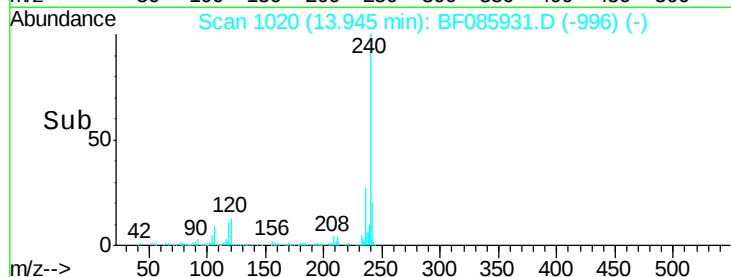
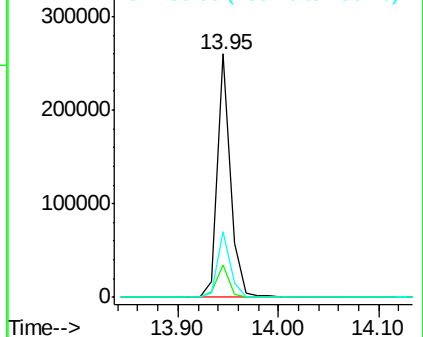
236 27.0 20.6 30.8



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: 74.40 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085931.D

Acq: 31 Mar 2016 16:57

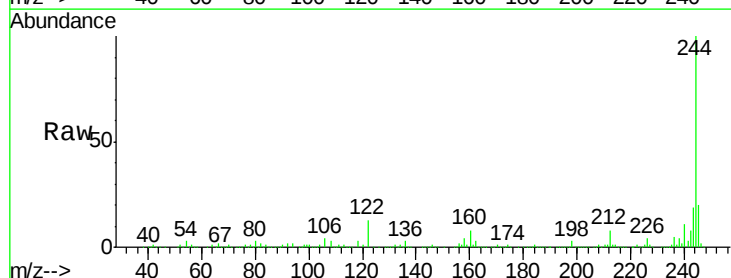
Tgt Ion:244 Resp: 853879

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

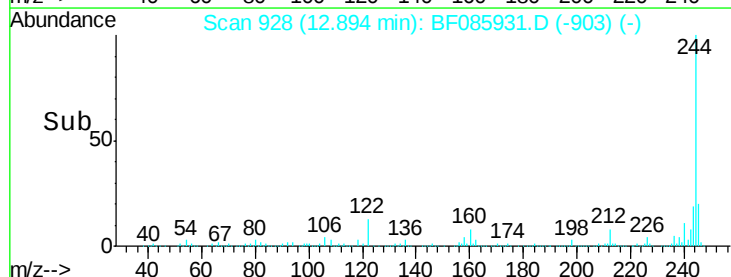
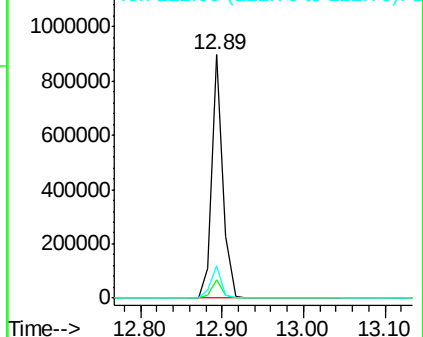
122 13.3 10.2 15.4

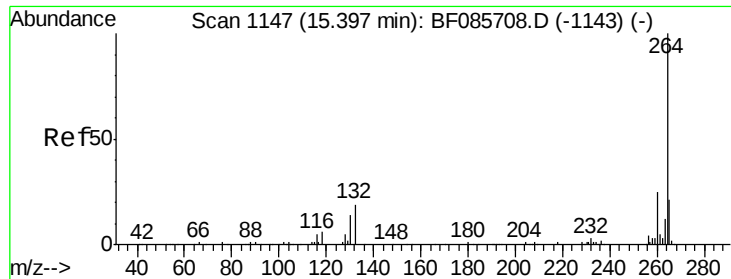


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085931.D
Acq: 31 Mar 2016 16:57

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.6	17.2	25.8

