

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085940.D
 Acq On : 31 Mar 2016 21:17
 Operator : UM/SJ
 Sample : H1976-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 31 21:48:50 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

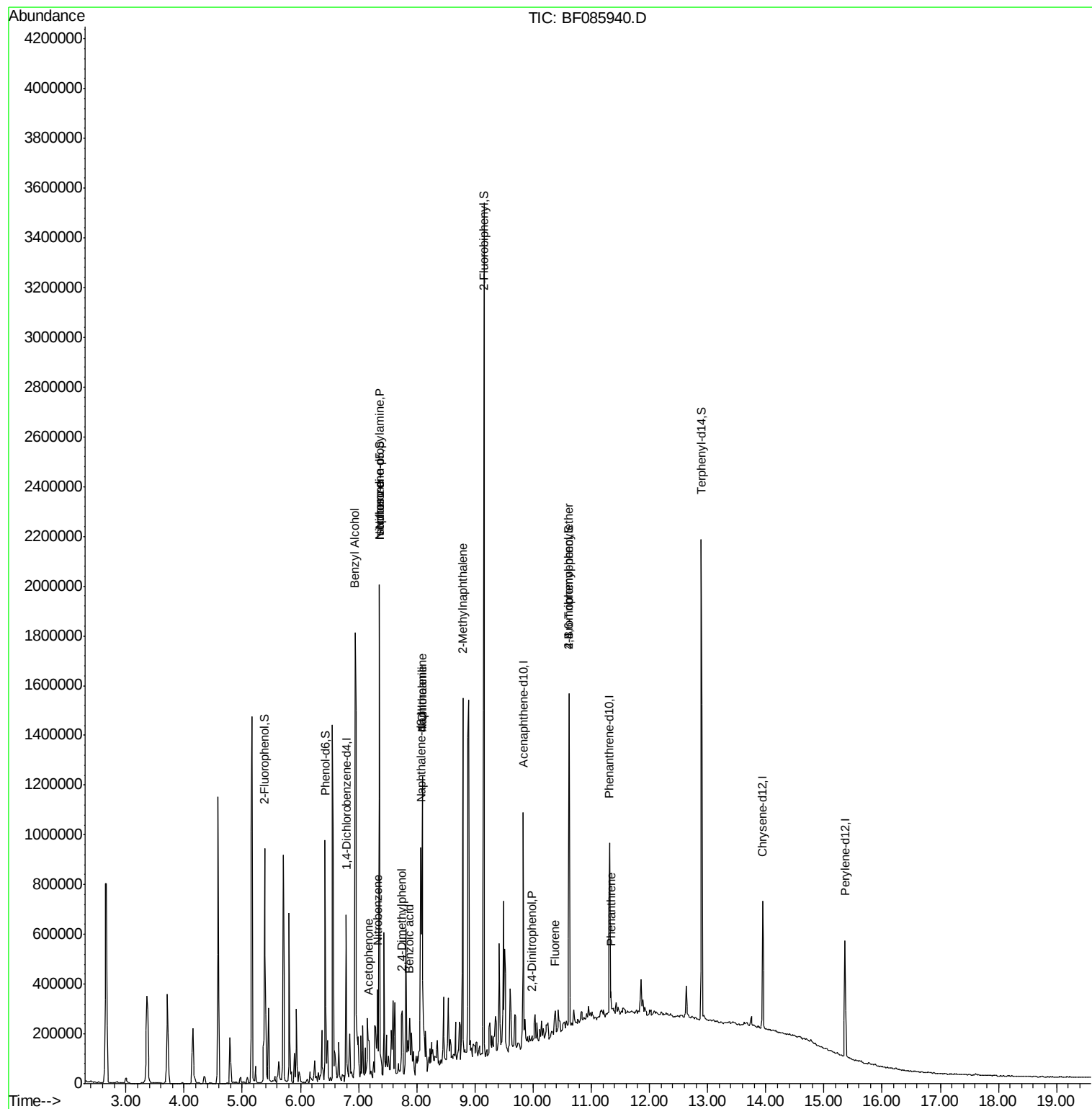
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106746	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	411990	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192814	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	314175	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	200869	20.00	ng	-0.02
86) Perylene-d12	15.36	264	201178	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	300510	46.88	ng	-0.01
7) Phenol-d6	6.42	99	366247	44.94	ng	-0.02
23) Nitrobenzene-d5	7.36	82	729918	99.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	161531	88.17	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1154315	100.02	ng	-0.01
78) Terphenyl-d14	12.89	244	810373	82.97	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.94	79	11541	2.12	ng	# 51
19) n-Nitroso-di-n-propylamine	7.36	70	99416	20.37	ng	# 76
22) Acetophenone	7.18	105	20323	2.12	ng	# 58
24) Nitrobenzene	7.33	77	16816	2.23	ng	# 21
25) Isophorone	7.36	82	714230	50.68	ng	# 68
27) 2,4-Dimethylphenol	7.74	122	41813	6.34	ng	98
31) Naphthalene	8.09	128	455472	21.94	ng	99
32) Benzoic acid	7.88	122	33303	7.60	ng	# 14
33) 4-Chloroaniline	8.09	127	70091	8.27	ng	# 34
37) 2-Methylnaphthalene	8.79	142	398788	30.42	ng	99
53) 2,4-Dinitrophenol	9.98	184	282	6.20	ng	# 1
57) Fluorene	10.38	166	31380	2.45	ng	# 97
66) 4-Bromophenyl-phenylether	10.62	248	11584	3.60	ng	# 1
70) Phenanthrene	11.34	178	33213	2.06	ng	95

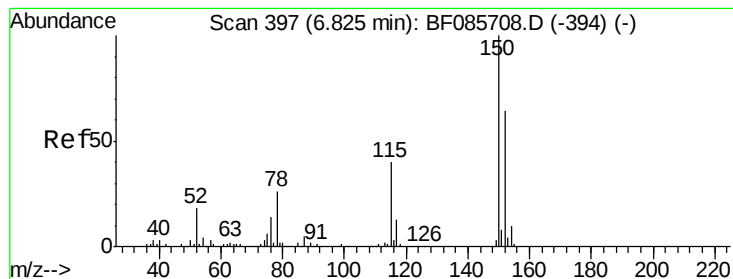
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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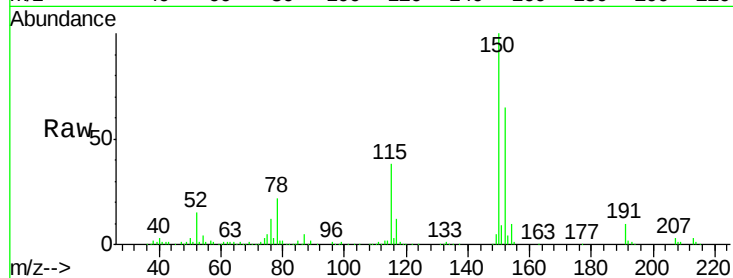




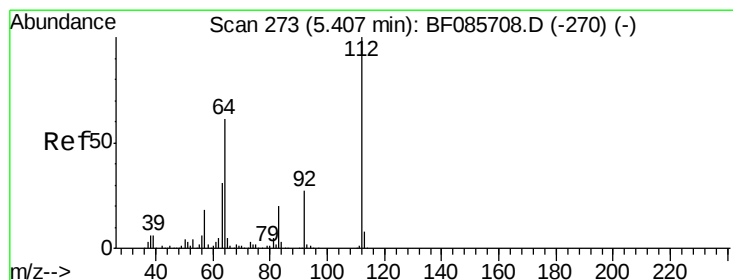
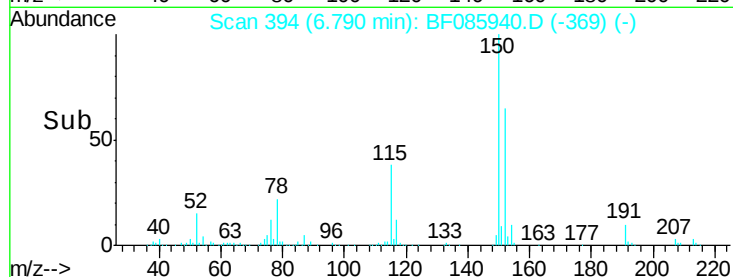
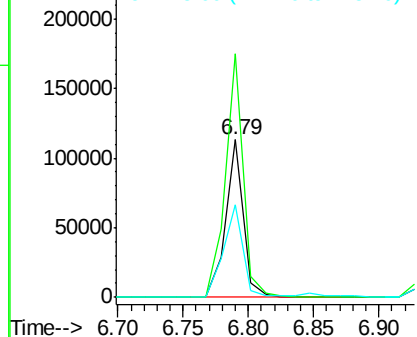
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:152 Resp: 106746
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 58.6 47.0 70.6

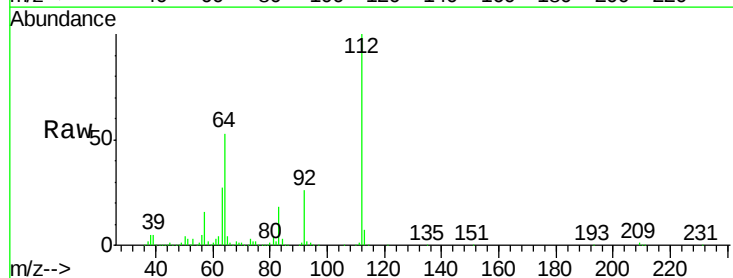


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

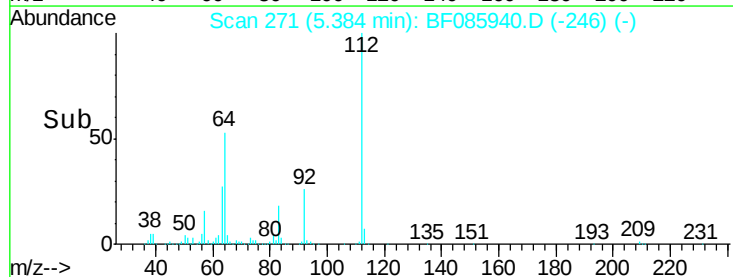
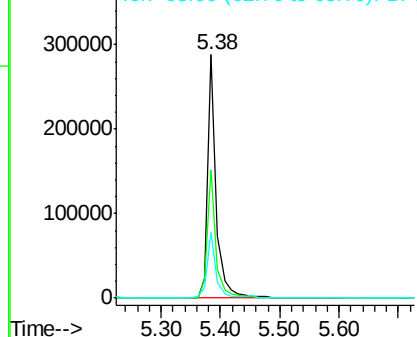


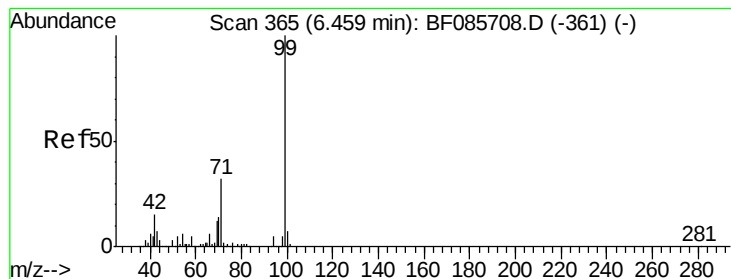
#5
 2-Fluorophenol
 Concen: 46.88 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Tgt Ion:112 Resp: 300510
 Ion Ratio Lower Upper
 112 100
 64 52.7 39.9 59.9
 63 27.1 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: 44.94 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

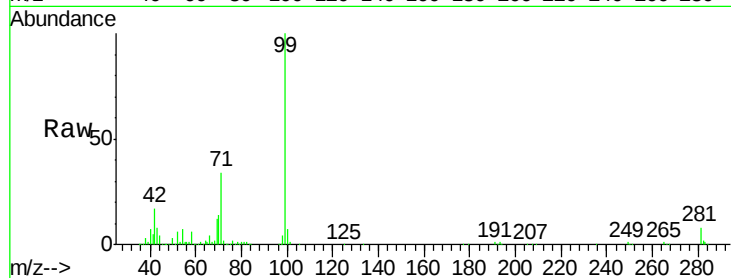
Tgt Ion: 99 Resp: 366247

Ion Ratio Lower Upper

99 100

42 16.7 11.1 16.7

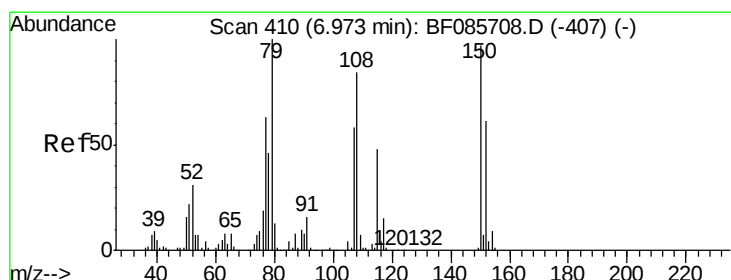
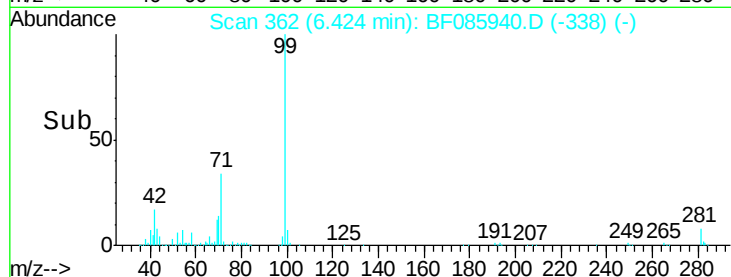
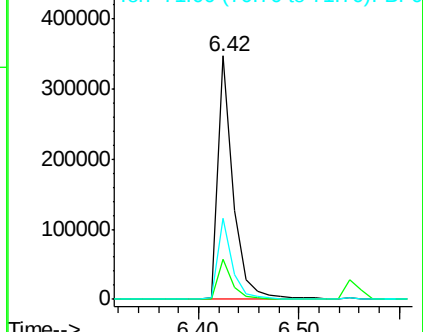
71 33.5 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

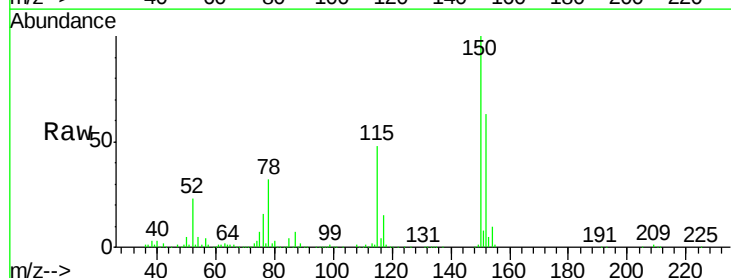
Tgt Ion: 79 Resp: 11541

Ion Ratio Lower Upper

79 100

108 30.8 61.8 92.6#

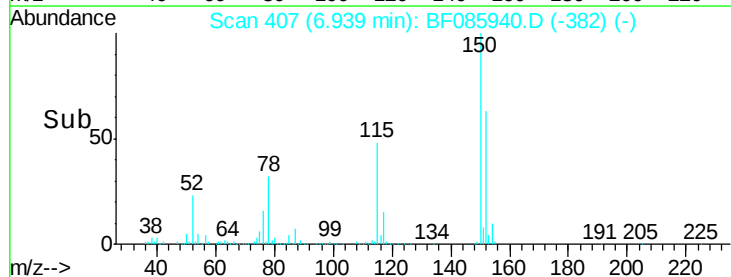
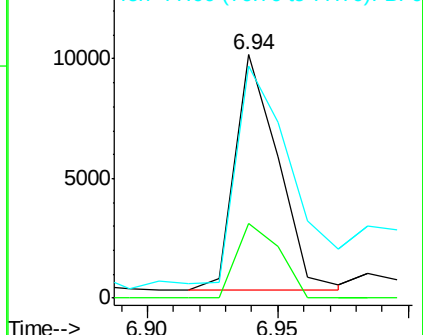
77 95.2 49.6 74.4#

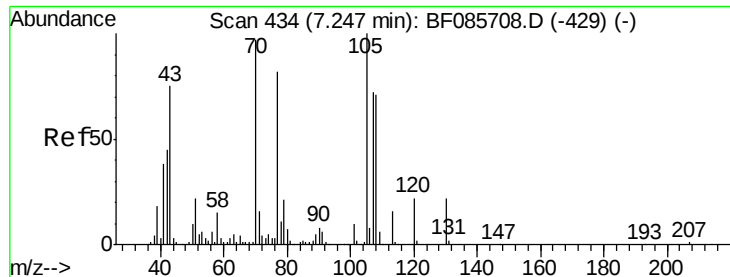


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.37 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

Tgt Ion: 70 Resp: 99416

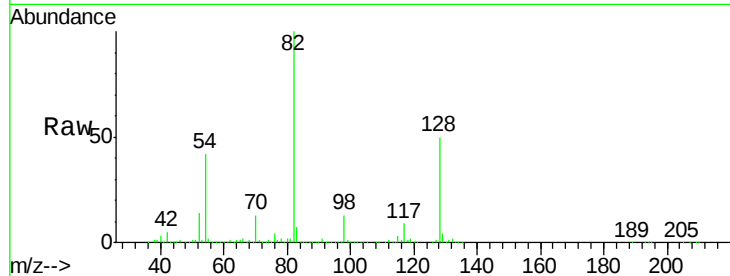
Ion Ratio Lower Upper

70 100

42 37.1 37.1 55.7

101 0.4 8.6 12.8#

130 3.2 19.6 29.4#

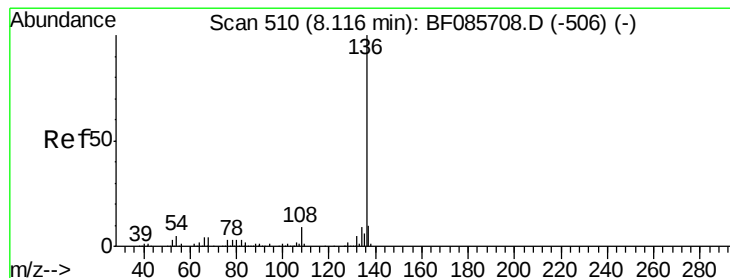
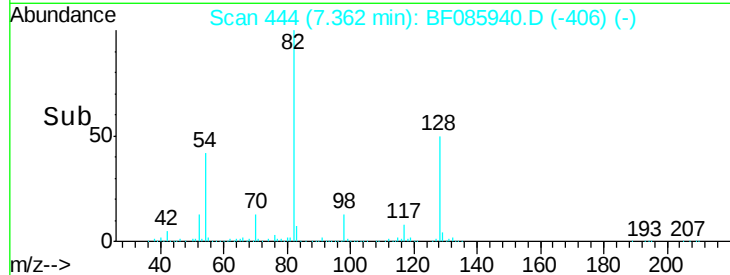
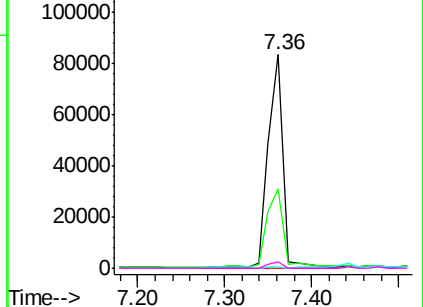


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Tgt Ion:136 Resp: 411990

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 7.4 11.0

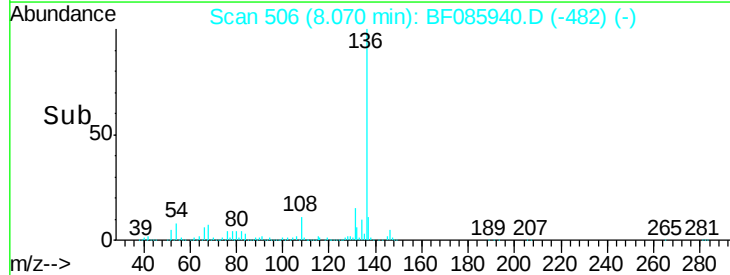
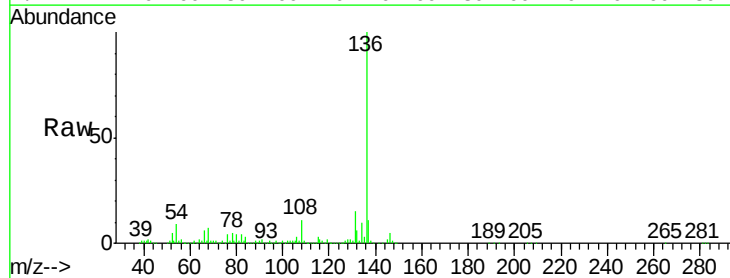
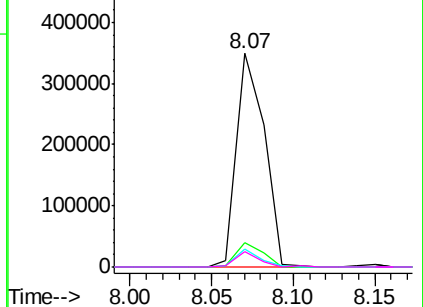
68 7.2 5.8 8.8

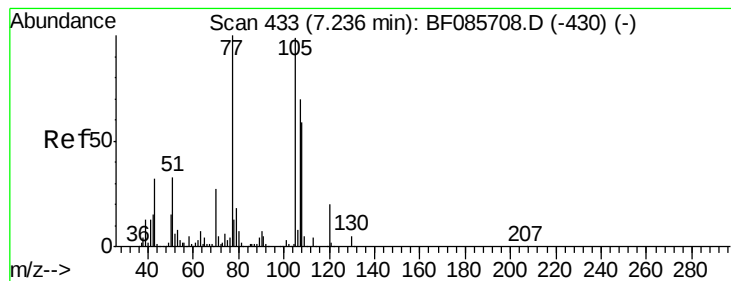
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 2.12 ng

RT: 7.18 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

Tgt Ion: 105 Resp: 20323

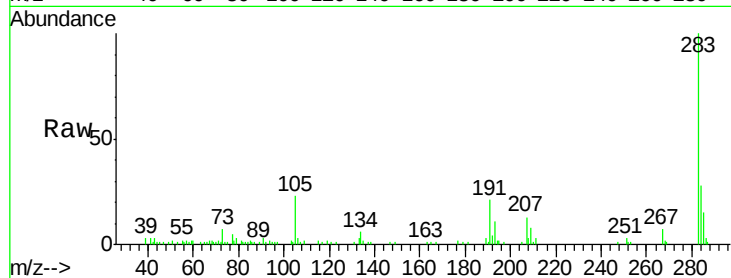
Ion Ratio Lower Upper

105 100

71 7.6 3.6 5.4#

51 6.7 25.4 38.0#

120 0.0 16.9 25.3#

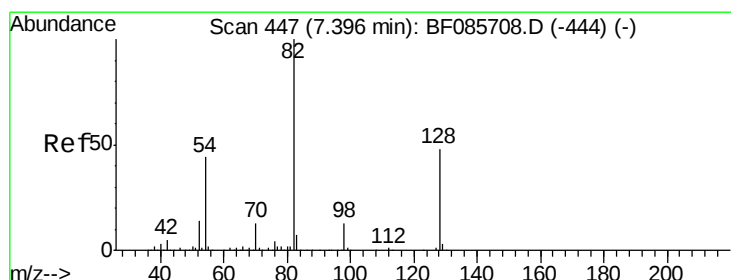
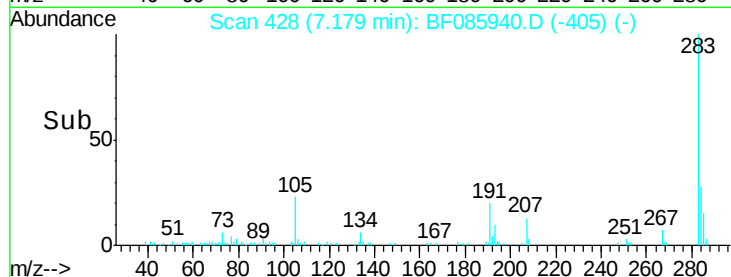
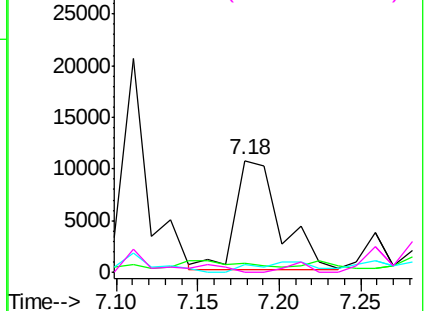


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 99.77 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

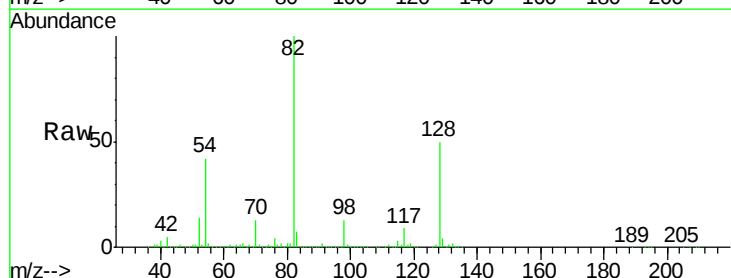
Tgt Ion: 82 Resp: 729918

Ion Ratio Lower Upper

82 100

128 50.4 41.8 62.8

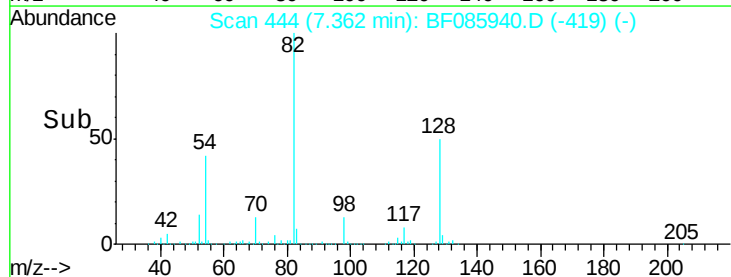
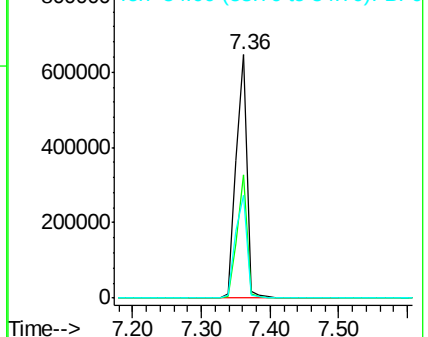
54 42.5 33.4 50.0

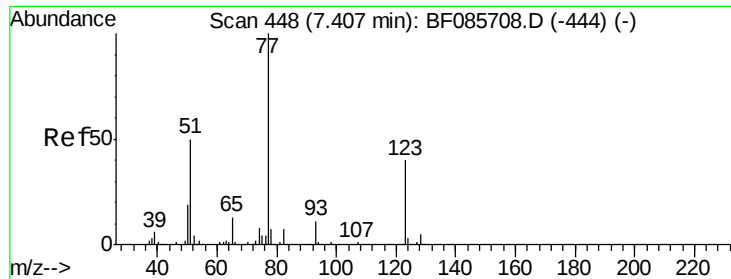


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.23 ng

RT: 7.33 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

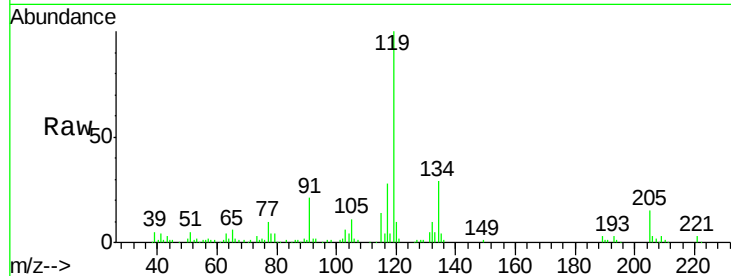
Tgt Ion: 77 Resp: 16816

Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

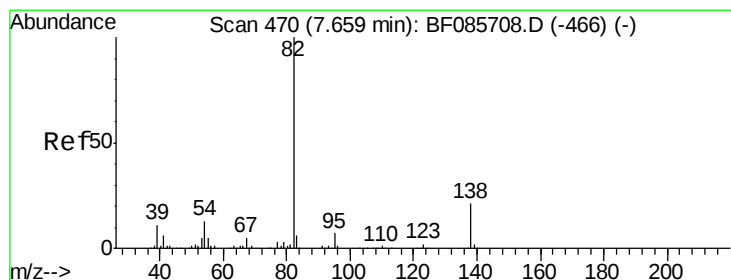
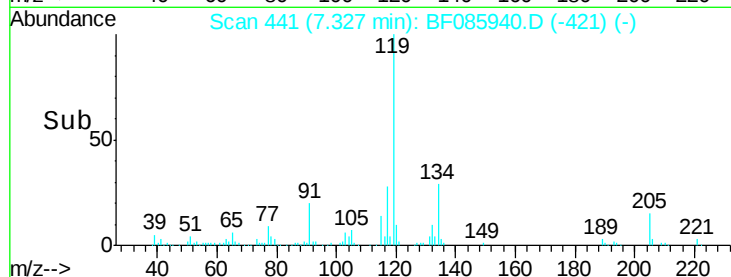
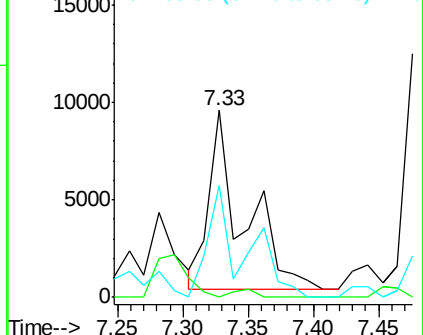
65 59.8 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 50.68 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

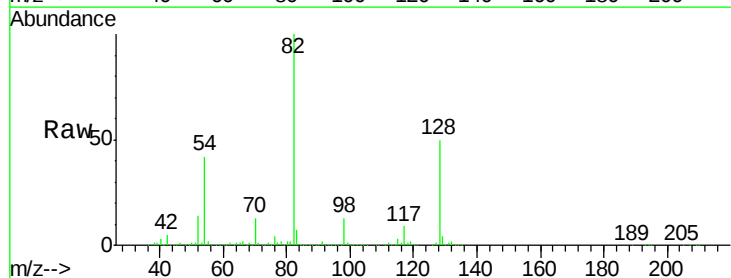
Tgt Ion: 82 Resp: 714230

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

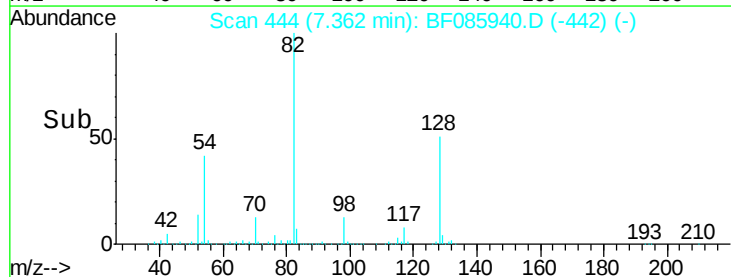
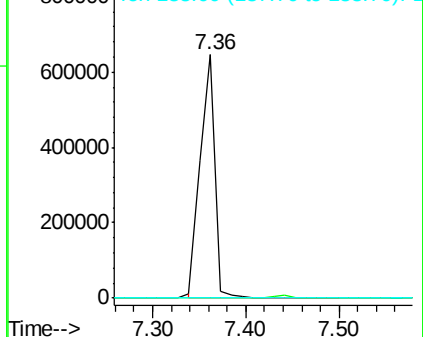
138 0.0 12.9 19.3#

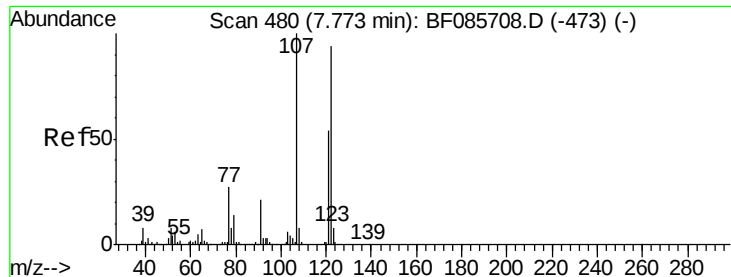


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 6.34 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085940.D

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MW-9

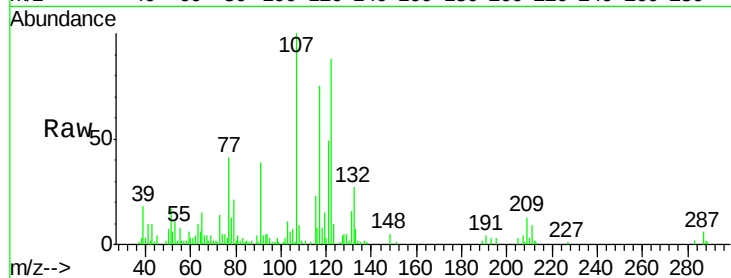
Tgt Ion:122 Resp: 41813

Ion Ratio Lower Upper

122 100

107 113.9 93.0 139.6

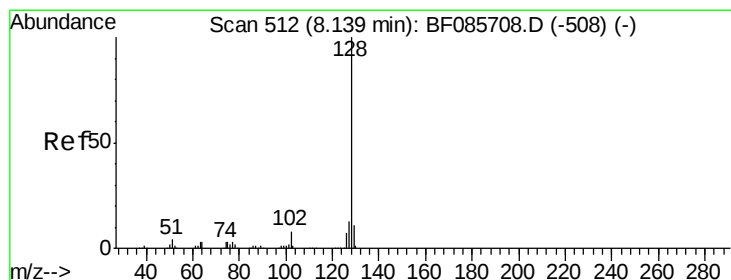
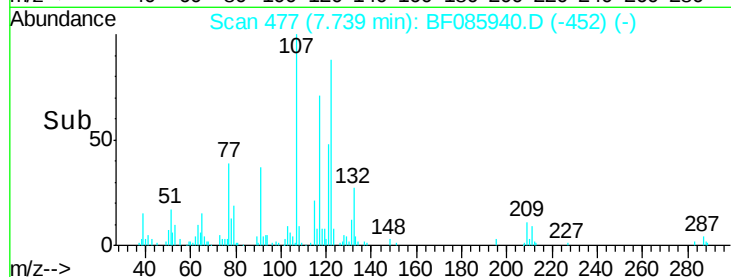
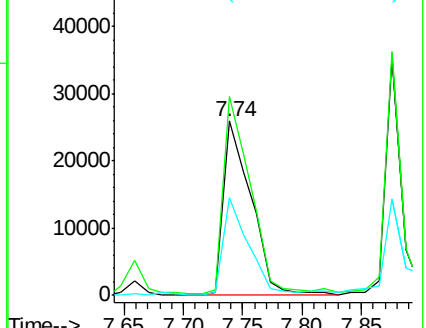
121 56.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 21.94 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

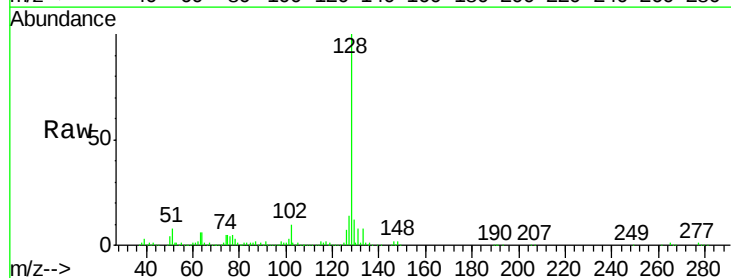
Tgt Ion:128 Resp: 455472

Ion Ratio Lower Upper

128 100

129 12.4 9.4 14.0

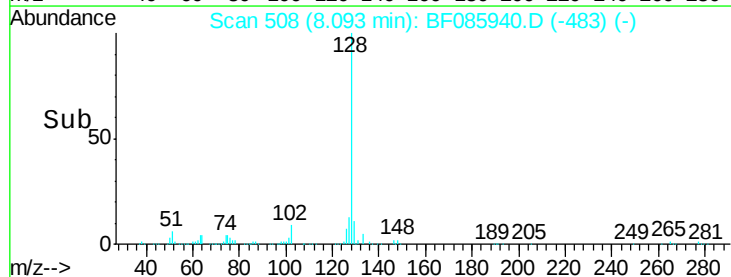
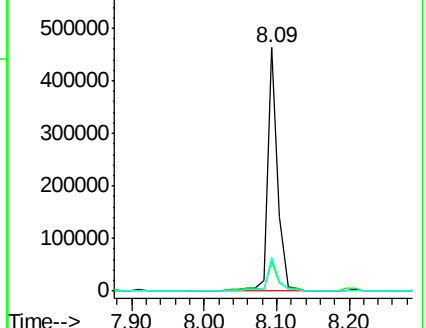
127 13.6 11.0 16.6

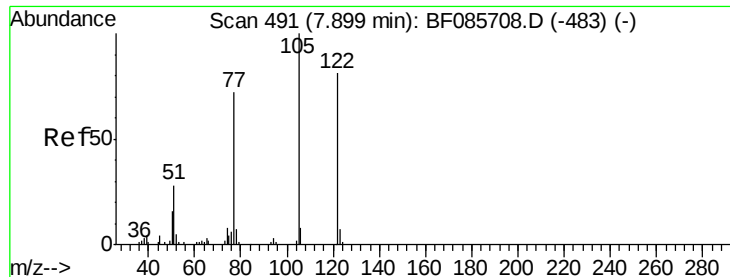


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.60 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

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MW-9

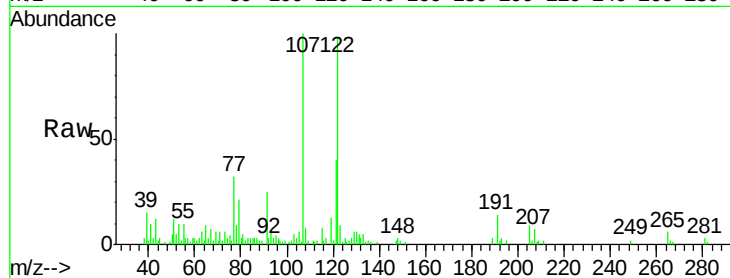
Tgt Ion:122 Resp: 33303

Ion Ratio Lower Upper

122 100

105 5.6 102.9 142.9#

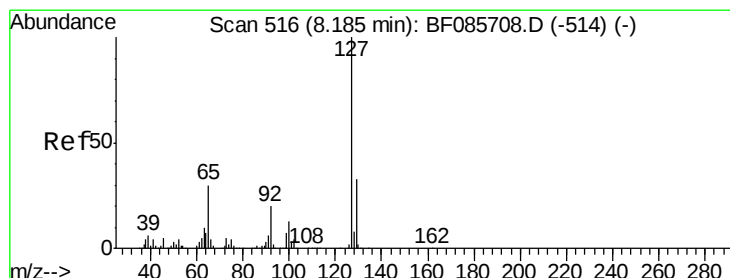
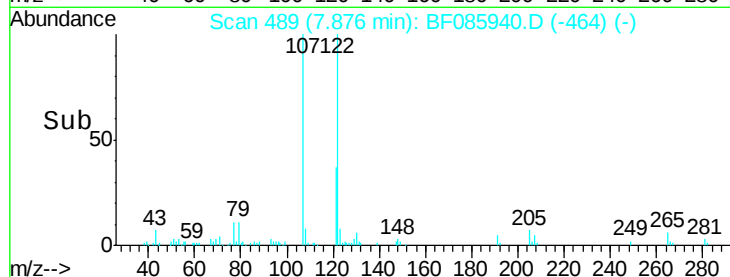
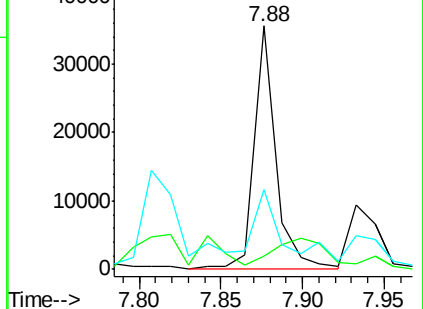
77 33.0 71.8 111.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 8.27 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Tgt Ion:127 Resp: 70091

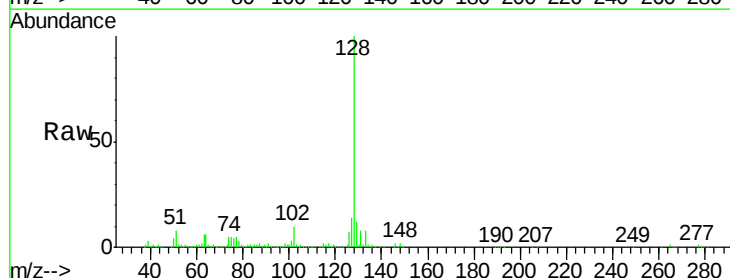
Ion Ratio Lower Upper

127 100

129 91.0 26.1 39.1#

65 6.4 19.5 29.3#

92 2.0 14.6 22.0#

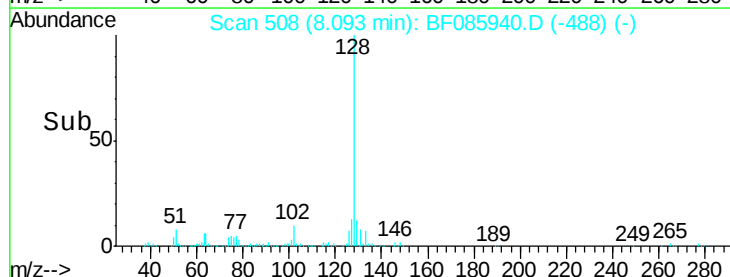
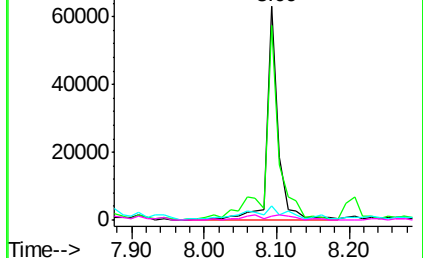


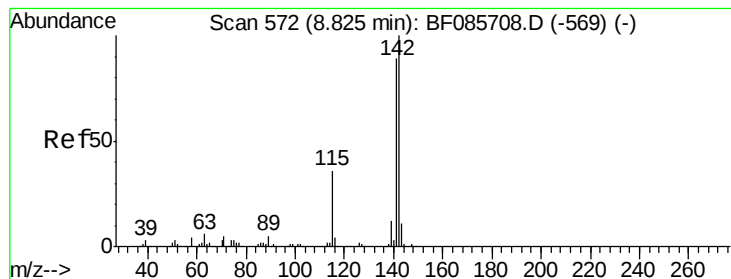
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 30.42 ng

RT: 8.79 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

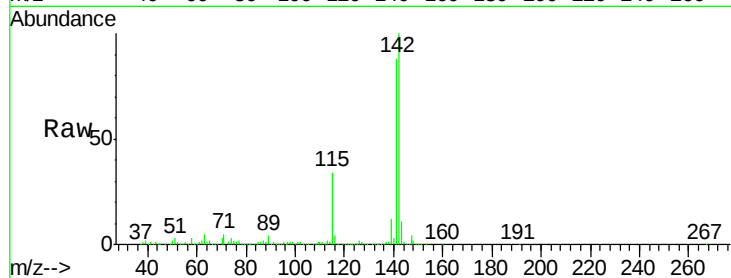
Tgt Ion:142 Resp: 398788

Ion Ratio Lower Upper

142 100

141 88.4 71.6 107.4

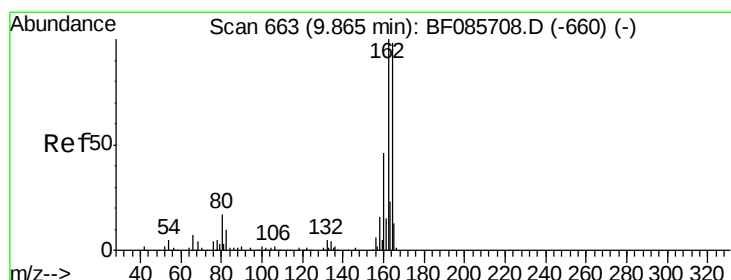
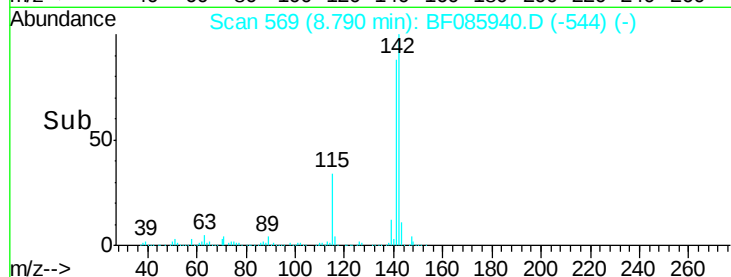
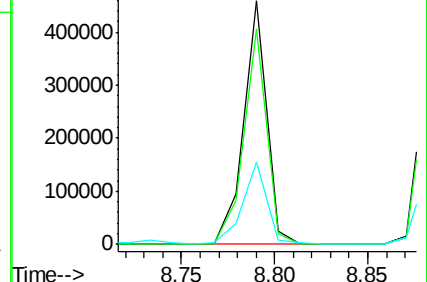
115 34.0 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

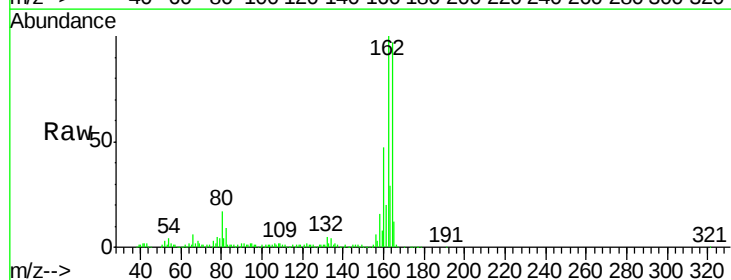
Tgt Ion:164 Resp: 192814

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

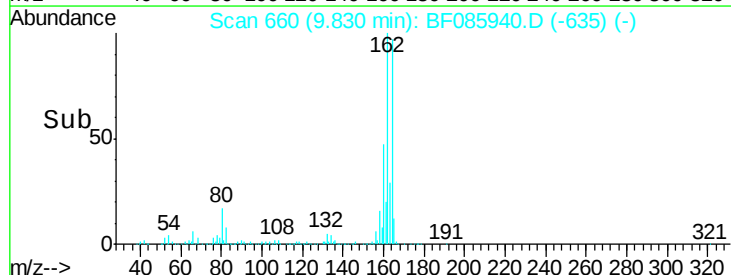
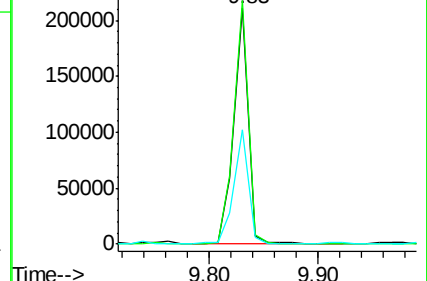
160 48.6 37.4 56.2

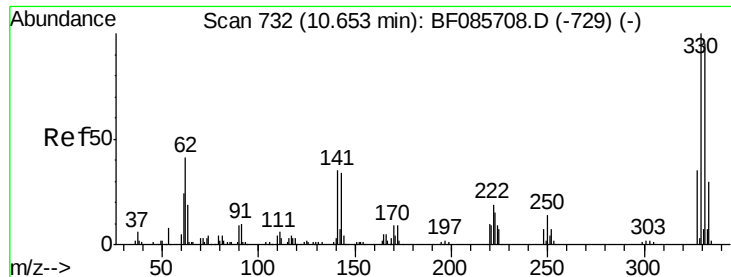


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

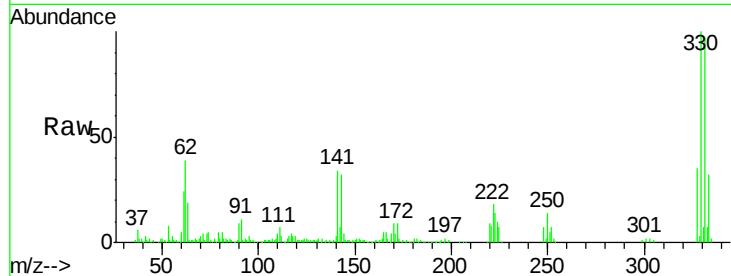




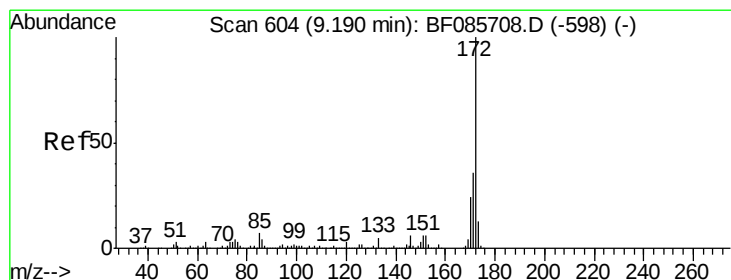
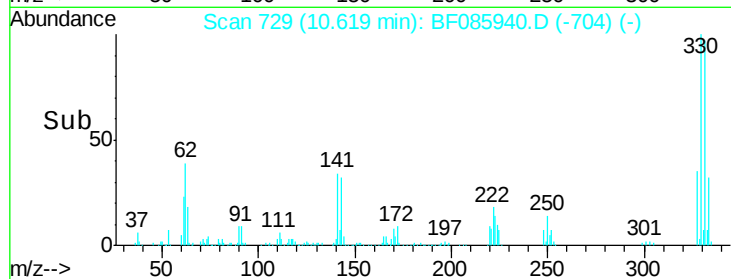
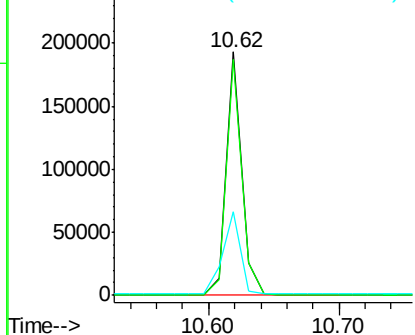
#41
 2,4,6-Tribromophenol
 Concen: 88.17 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:330 Resp: 161531
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 38.9 31.5 47.3

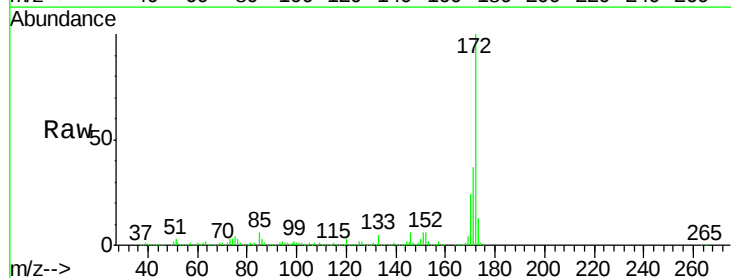


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

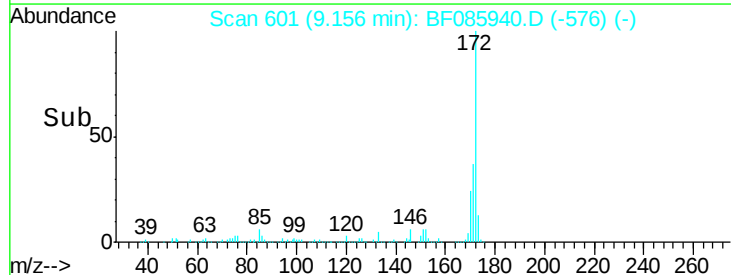
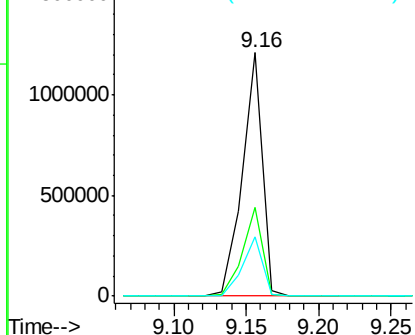


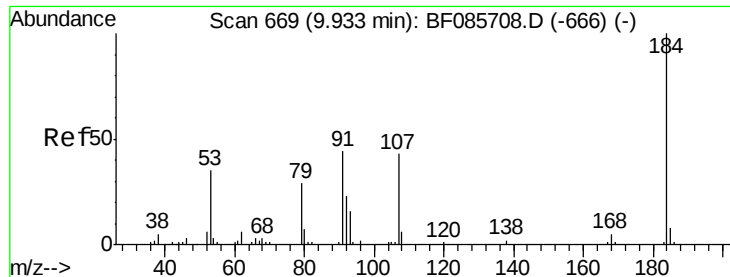
#44
 2-Fluorobiphenyl
 Concen: 100.02 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Tgt Ion:172 Resp: 1154315
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.4 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

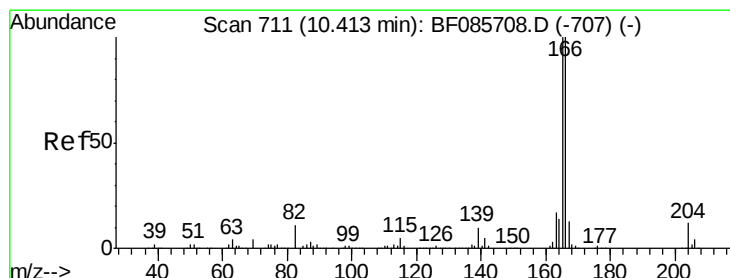
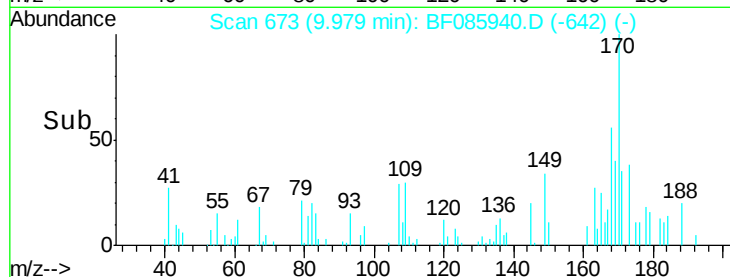
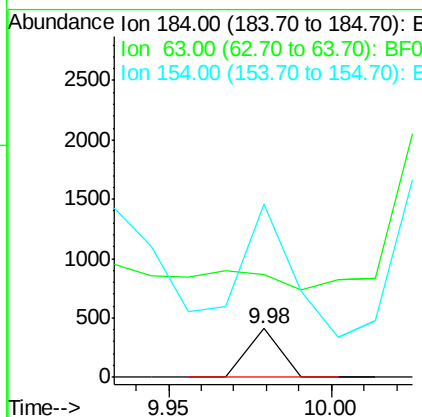
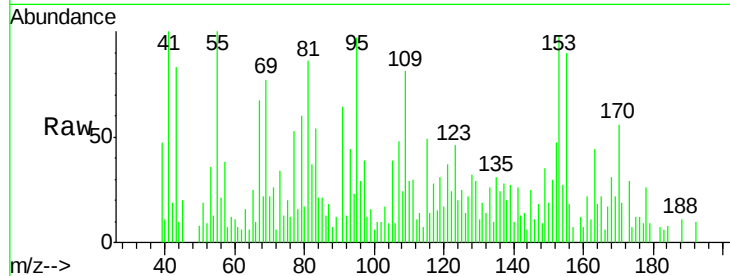




#53
2,4-Dinitrophenol
Concen: 6.20 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.06 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

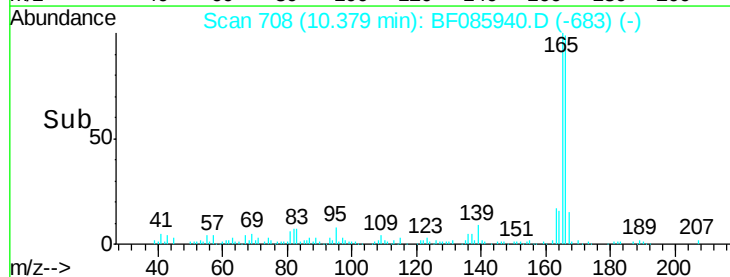
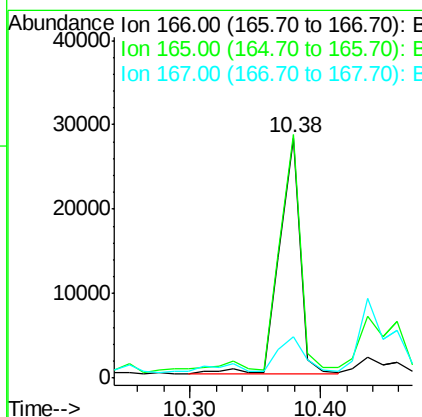
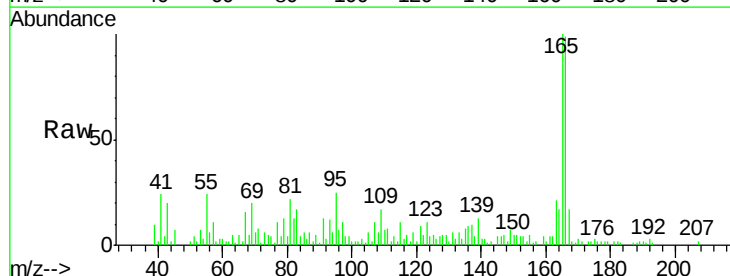
Instrument :
BNA_F
ClientSampleId :
MW-9

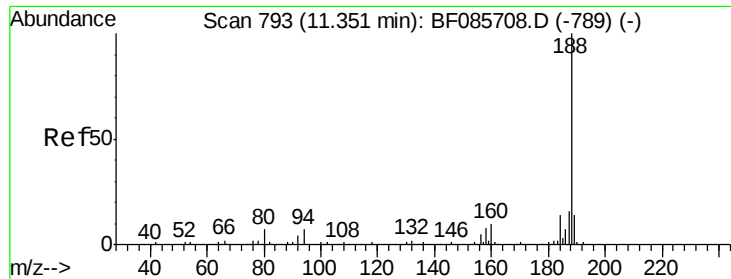
Tgt Ion:184 Resp: 282
Ion Ratio Lower Upper
184 100
63 210.9 69.5 104.3#
154 354.3 58.3 87.5#



#57
Fluorene
Concen: 2.45 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:166 Resp: 31380
Ion Ratio Lower Upper
166 100
165 101.5 79.4 119.0
167 17.3 11.0 16.4#

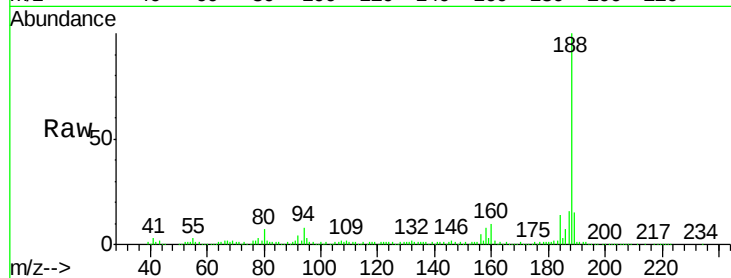




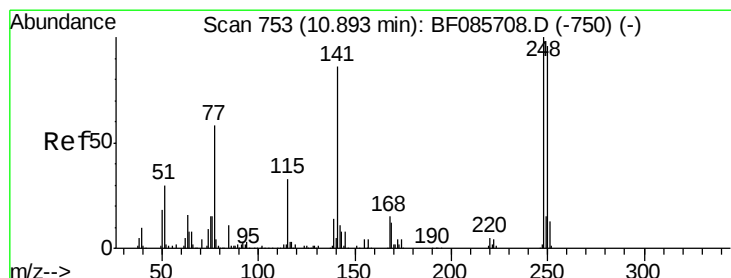
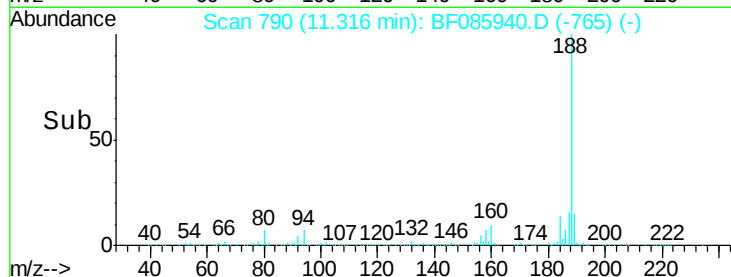
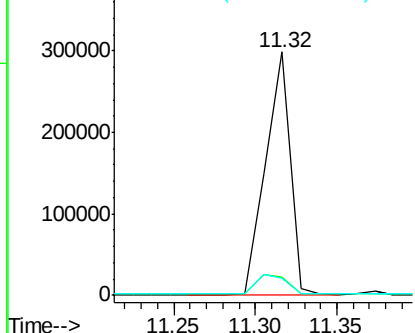
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 314175
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 7.1 5.5 8.3

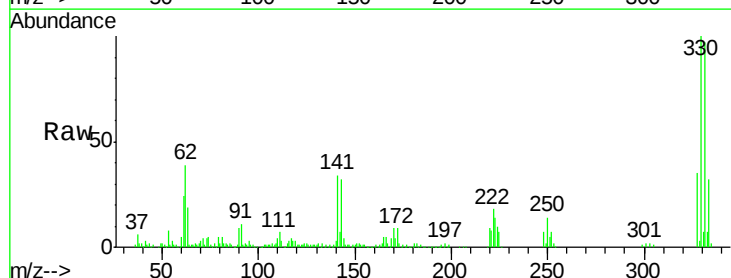


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

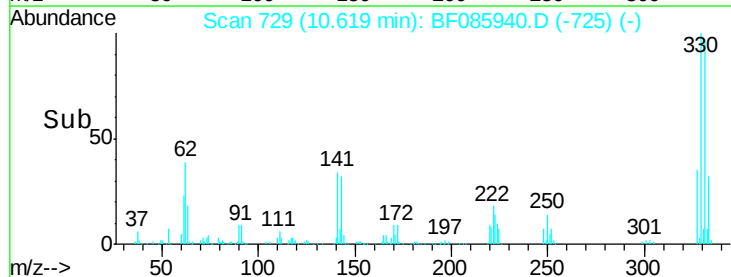
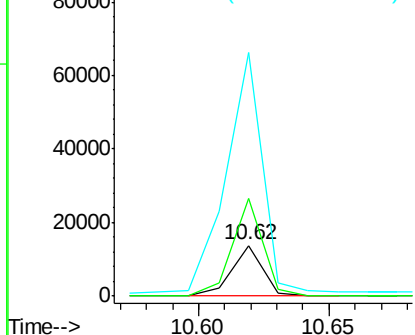


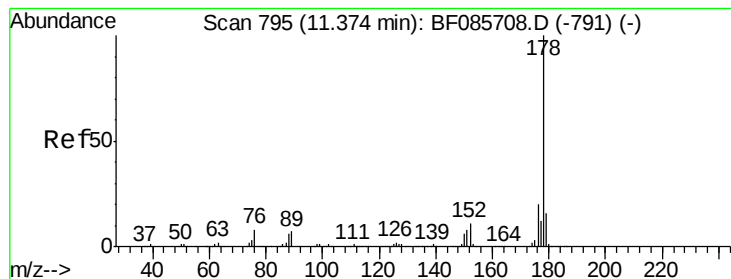
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Tgt Ion:248 Resp: 11584
Ion Ratio Lower Upper
248 100
250 192.5 77.4 116.0#
141 479.7 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





#70

Phenanthrene

Concen: 2.06 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

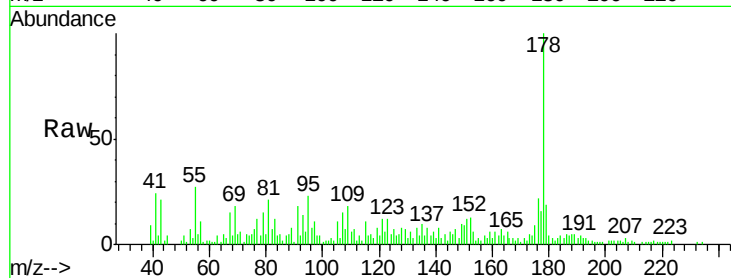
Tgt Ion:178 Resp: 33213

Ion Ratio Lower Upper

178 100

176 21.5 16.3 24.5

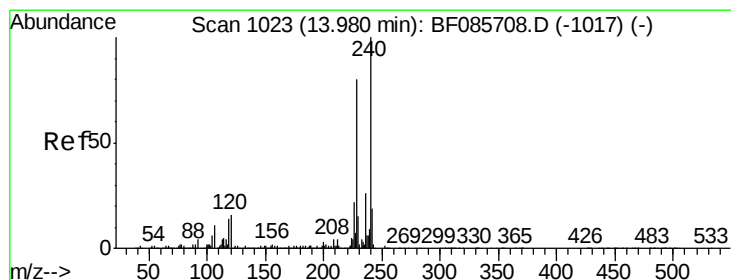
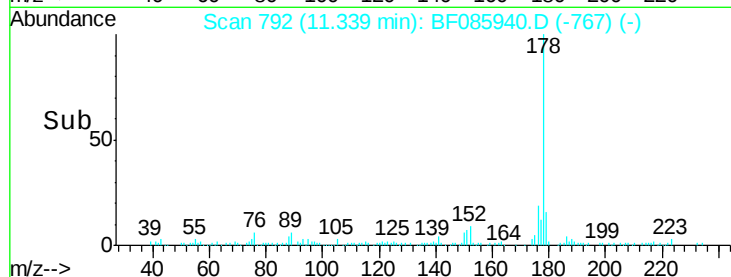
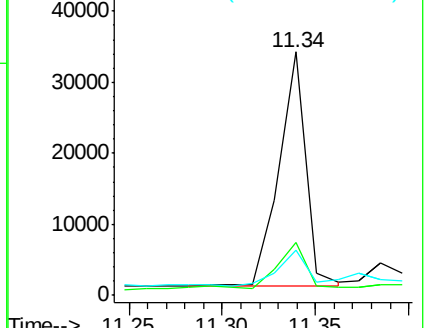
179 18.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

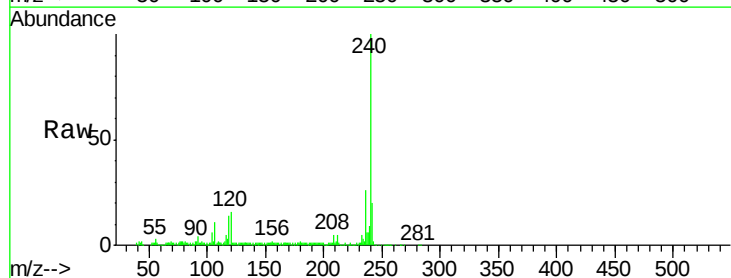
Tgt Ion:240 Resp: 200869

Ion Ratio Lower Upper

240 100

120 16.3 13.8 20.8

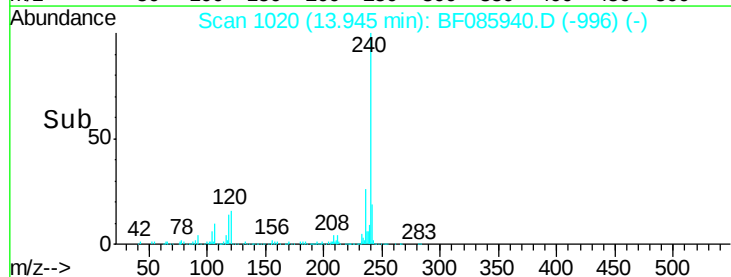
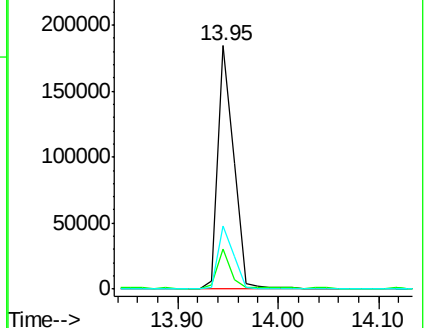
236 26.1 20.6 30.8

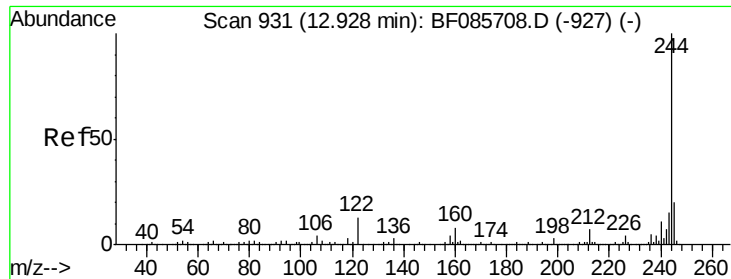


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

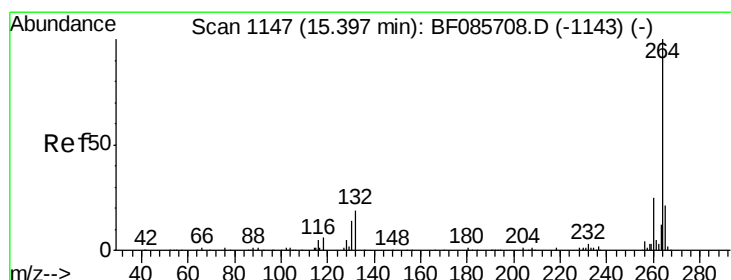
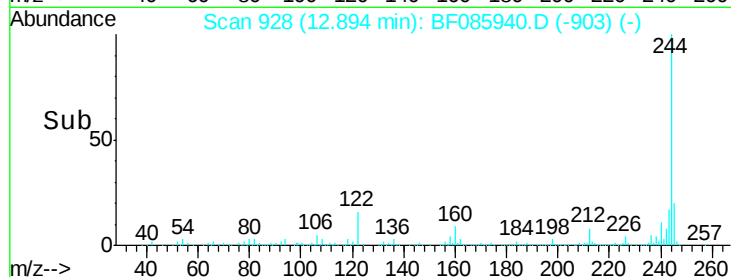
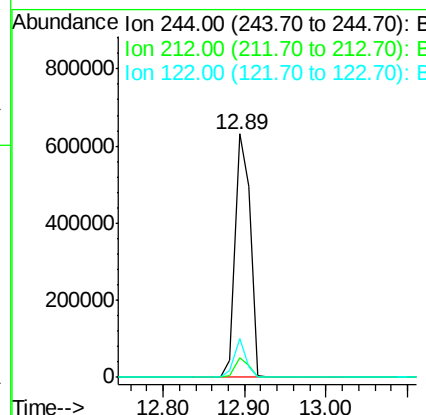
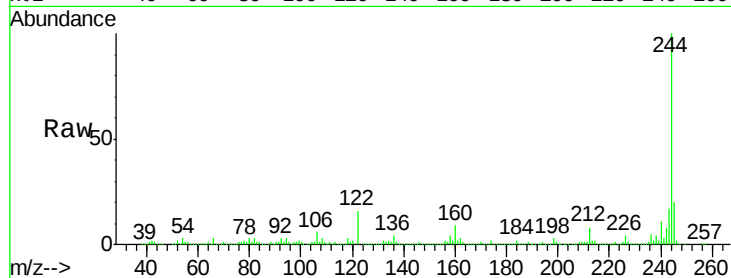




#78
 Terphenyl-d14
 Concen: 82.97 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:244 Resp: 810373
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 16.0 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: BF085940.D
 Acq: 31 Mar 2016 21:17

Tgt Ion:264 Resp: 201178
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.7 17.2 25.8

