

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077843.D
 Acq On : 19 Mar 2015 21:11
 Operator : TP/IZ
 Sample : G1573-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Mar 20 00:17:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 00:59:44 2015
 Response via : Initial Calibration

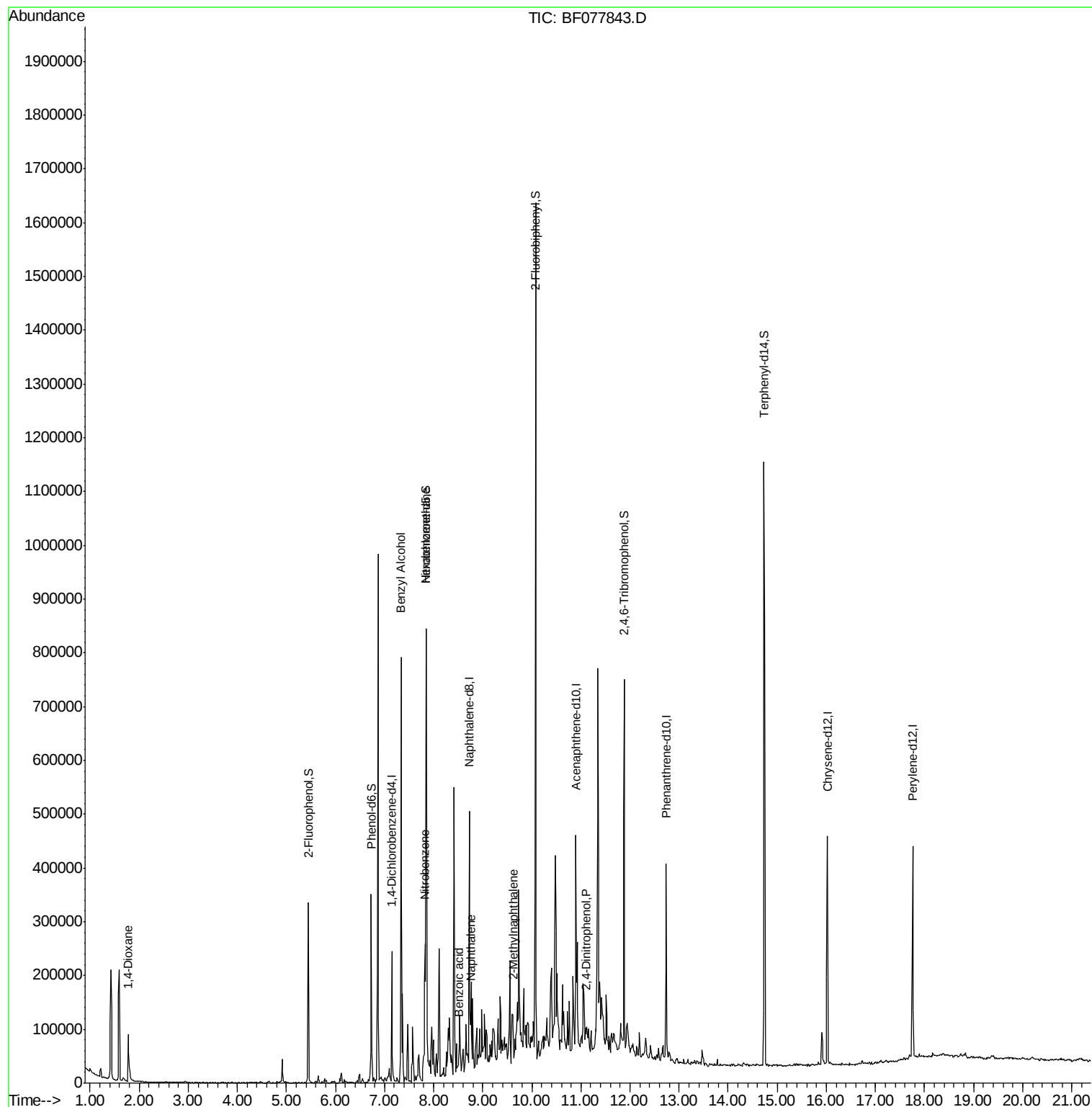
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	37865	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	151621	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79302	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	153350	20.00	ng	0.00
75) Chrysene-d12	16.02	240	164977	20.00	ng	-0.01
86) Perylene-d12	17.76	264	172522	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	150888	69.56	ng	0.01
7) Phenol-d6	6.73	99	122655	45.76	ng	0.00
23) Nitrobenzene-d5	7.85	82	227473	98.34	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	99700	131.40	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	477877	88.56	ng	0.00
78) Terphenyl-d14	14.73	244	505775	74.89	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.78	88	3452	3.50	ng	# 100
15) Benzyl Alcohol	7.33	79	4748	2.27	ng	# 46
18) Hexachloroethane	7.85	117	70484	72.02	ng	# 3
24) Nitrobenzene	7.82	77	14292	5.74	ng	# 24
31) Naphthalene	8.75	128	24305	3.12	ng	# 78
32) Benzoic acid	8.51	122	253	3.28	ng	# 19
37) 2-Methylnaphthalene	9.62	142	23086	4.41	ng	# 99
53) 2,4-Dinitrophenol	11.10	184	700	9.46	ng	# 58

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

MW-19

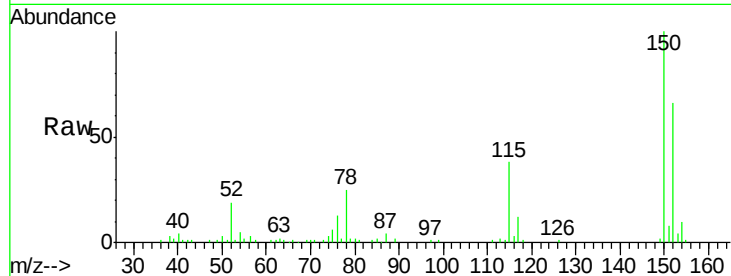
Tgt Ion:152 Resp: 37865

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

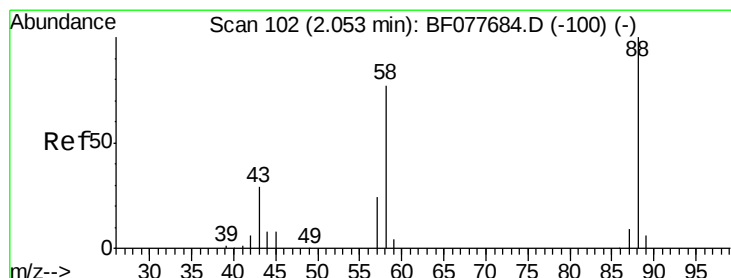
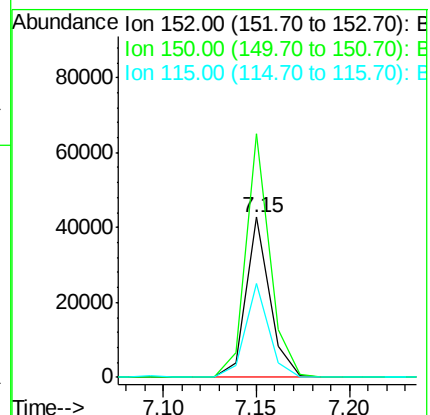
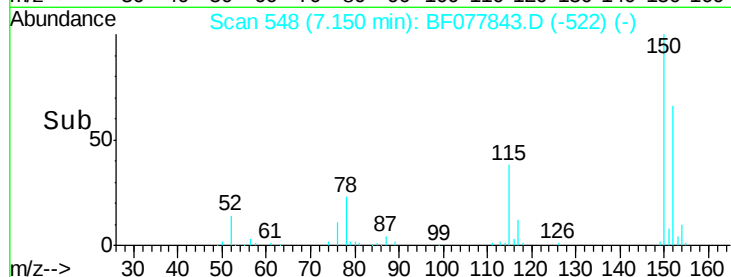
115 58.6 43.0 64.4



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: 3.50 ng

RT: 1.78 min Scan# 78

Delta R.T. -0.25 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

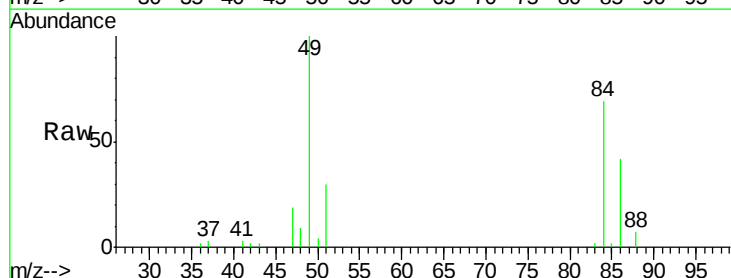
Tgt Ion: 88 Resp: 3452

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

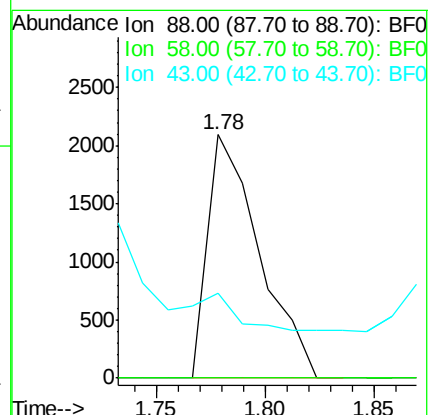
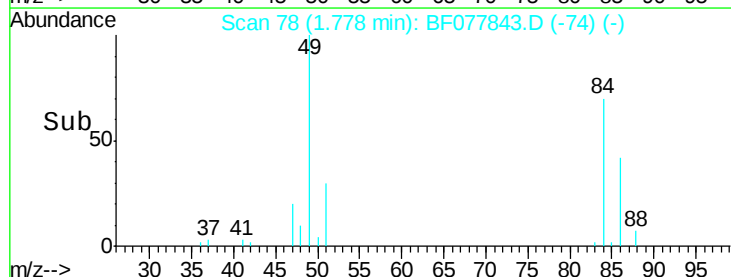
43 0.0 0.0 0.0

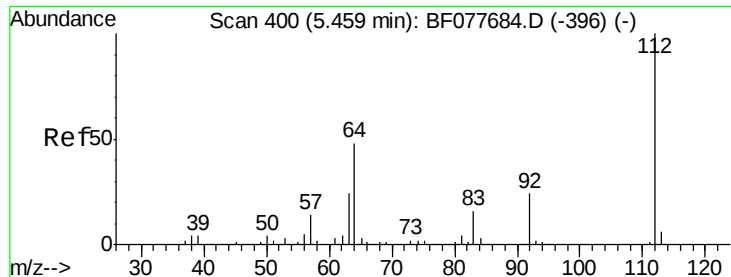


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 69.56 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

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ClientSampleId :

MW-19

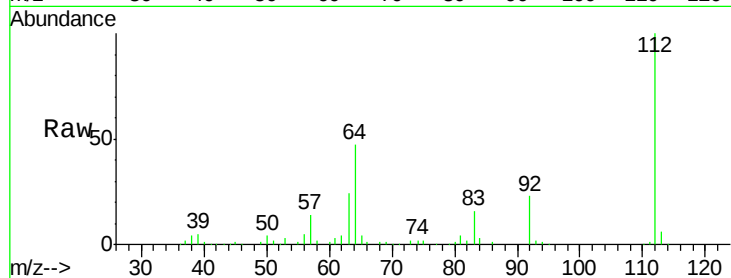
Tgt Ion: 112 Resp: 150888

Ion Ratio Lower Upper

112 100

64 47.4 38.6 57.8

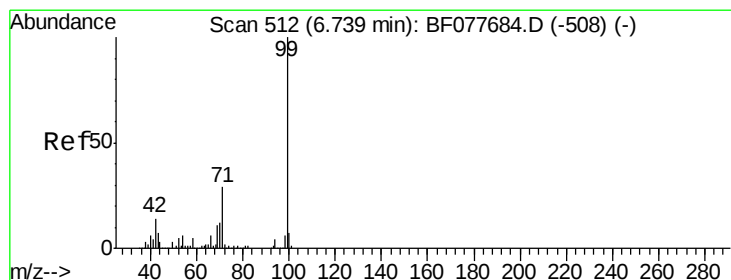
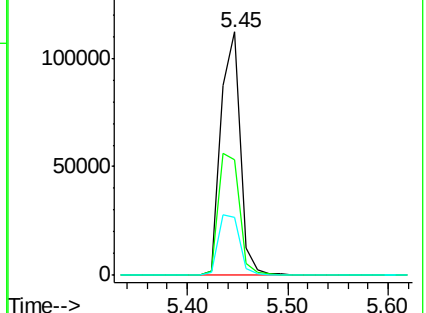
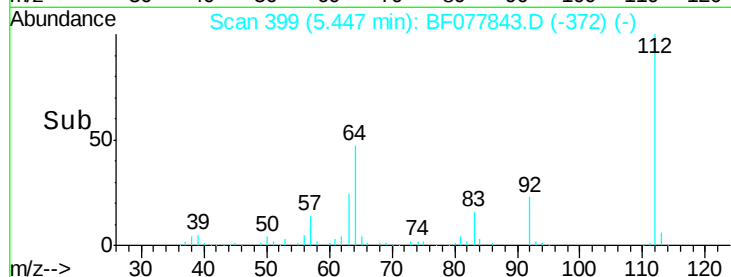
63 23.9 19.3 28.9



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: 45.76 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

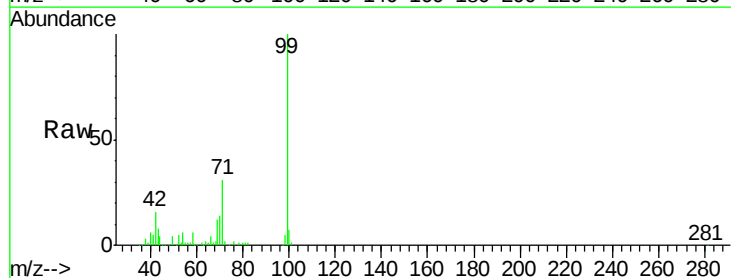
Tgt Ion: 99 Resp: 122655

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

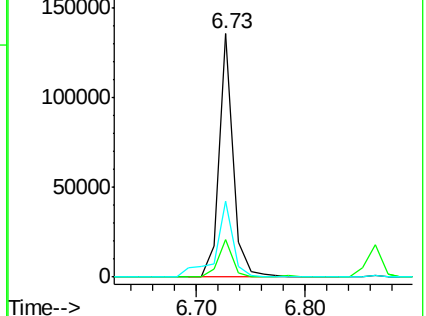
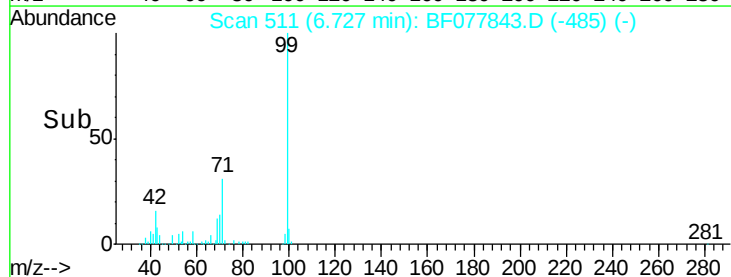
71 31.1 23.4 35.2

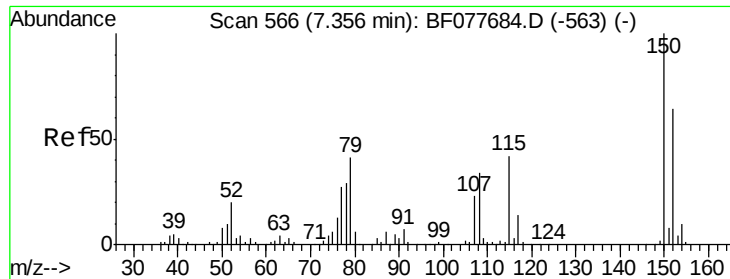


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 7.33 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

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MW-19

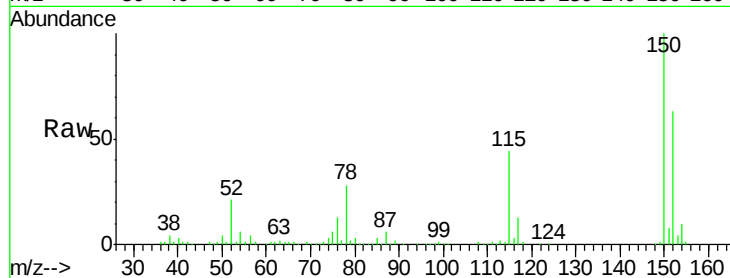
Tgt Ion: 79 Resp: 4748

Ion Ratio Lower Upper

79 100

108 28.1 65.0 97.4#

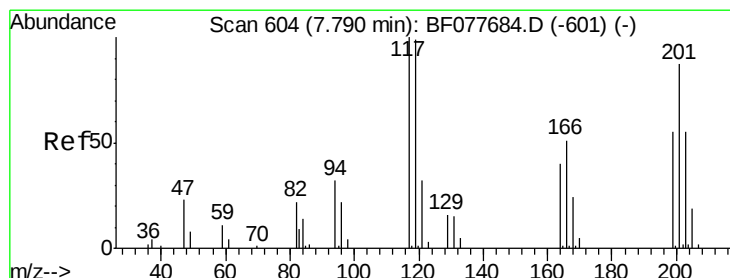
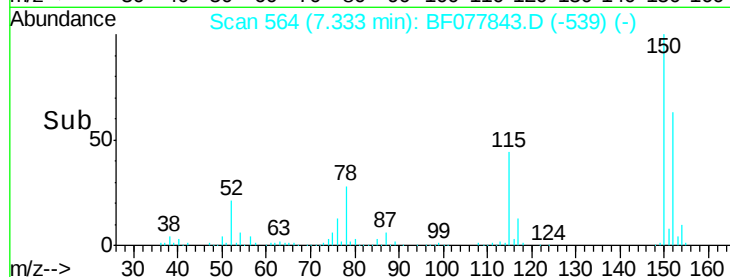
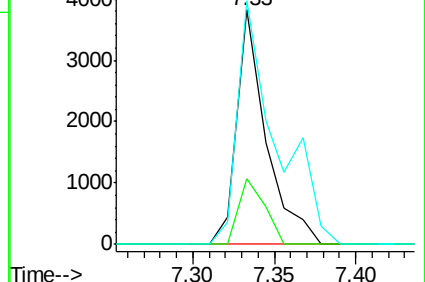
77 103.9 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 72.02 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.08 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

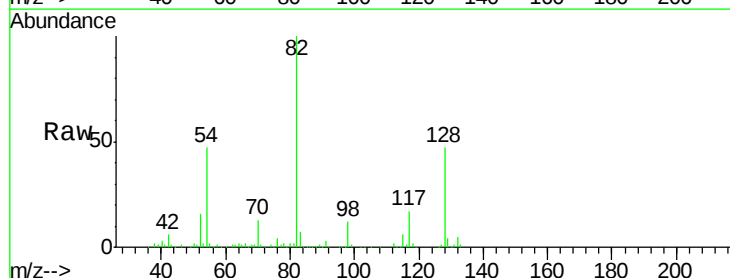
Tgt Ion: 117 Resp: 70484

Ion Ratio Lower Upper

117 100

119 0.9 79.2 118.8#

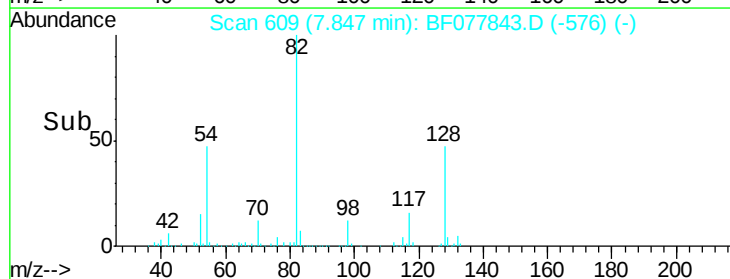
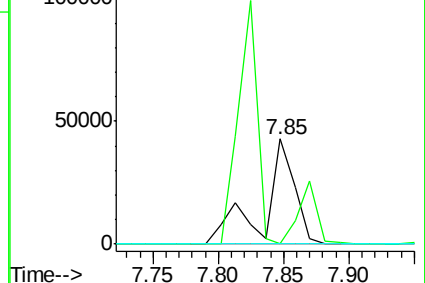
201 0.0 69.8 104.6#

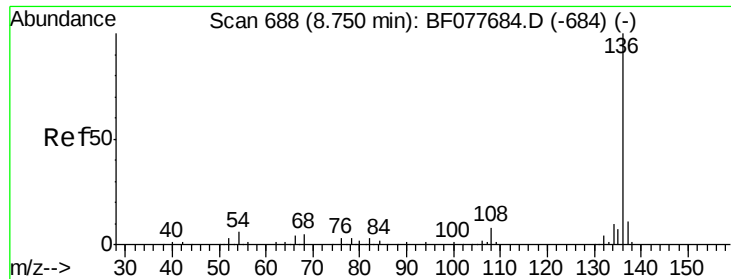


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

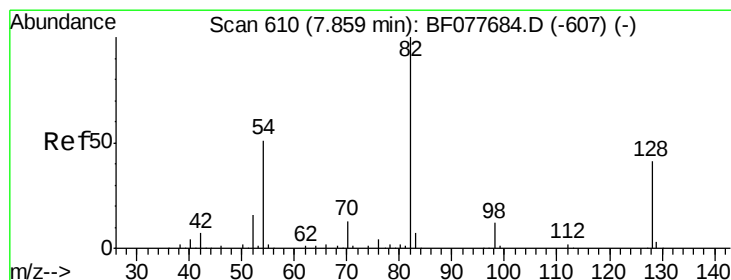
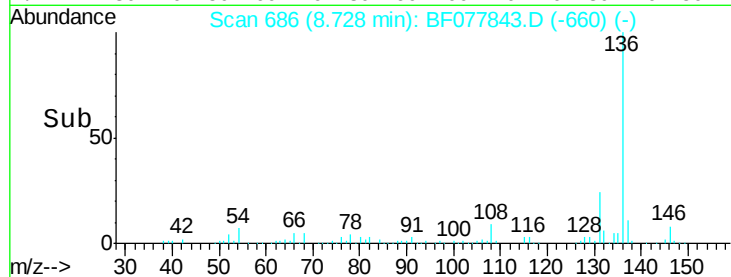
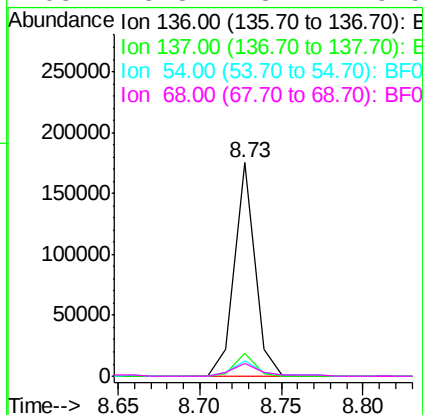
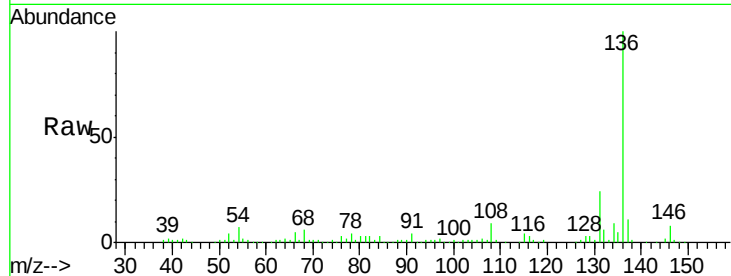




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077843.D
Acq: 19 Mar 2015 21:11

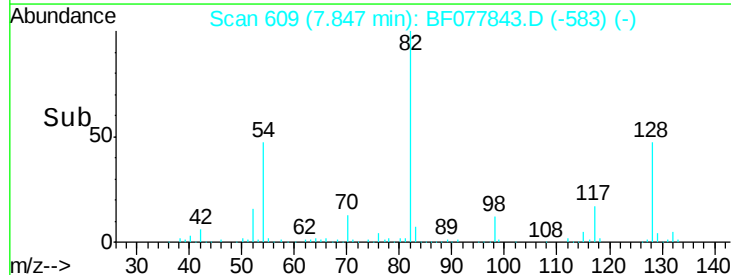
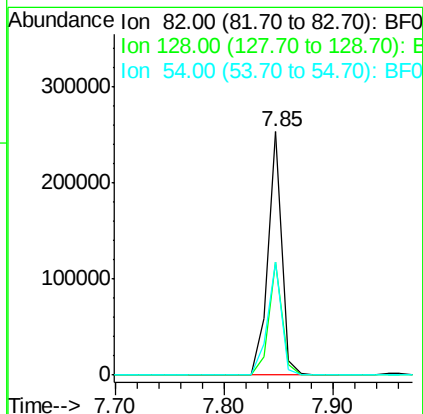
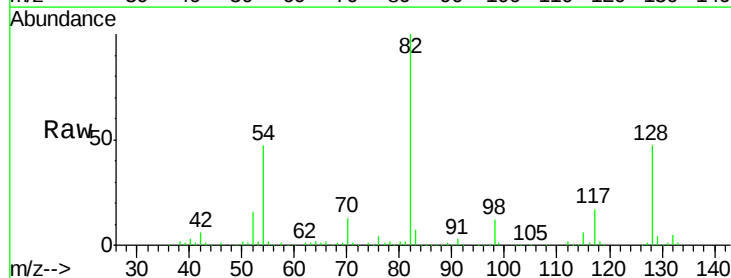
Instrument :
BNA_F
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MW-19

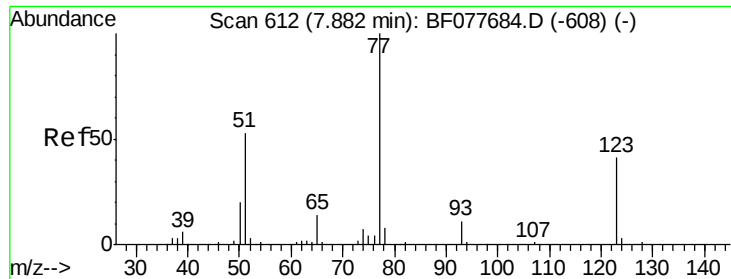
Tgt Ion:	136	Resp:	151621
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	4.6	6.8#
68	5.8	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 98.34 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077843.D
Acq: 19 Mar 2015 21:11

Tgt Ion:	82	Resp:	227473
Ion	Ratio	Lower	Upper
82	100		
128	46.6	32.8	49.2
54	46.6	40.6	60.8

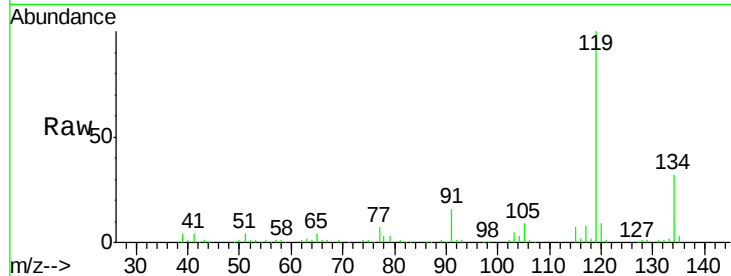




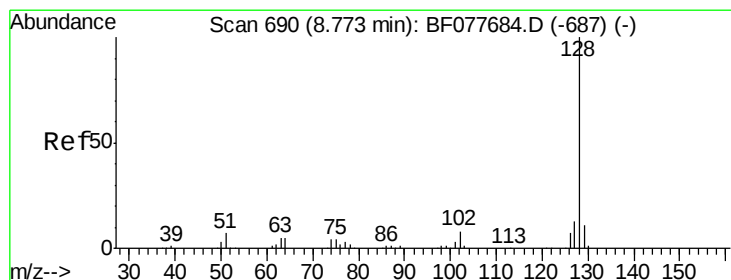
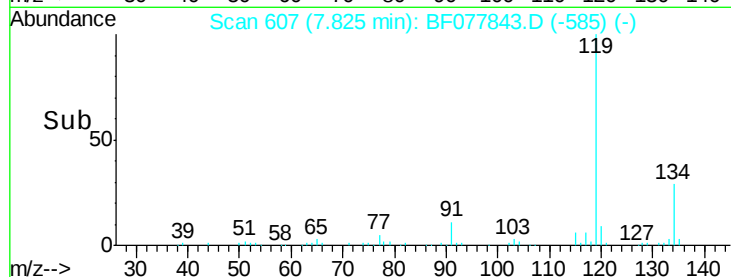
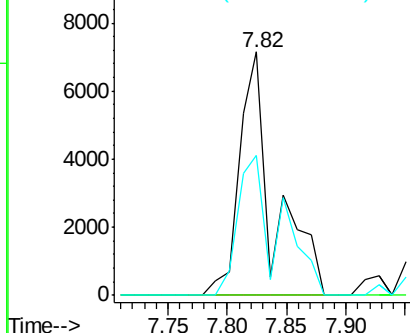
#24
 Nitrobenzene
 Concen: 5.74 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion: 77 Resp: 14292
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 57.4 10.9 16.3#

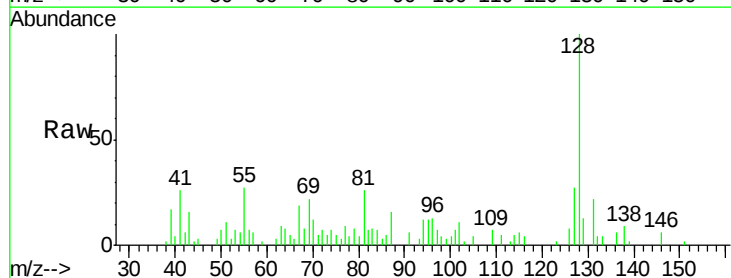


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF0

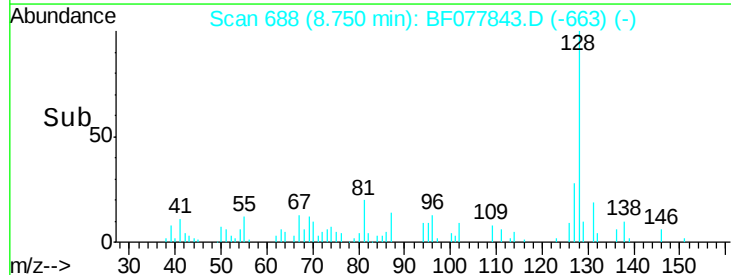
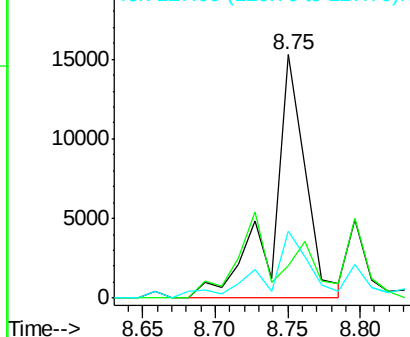


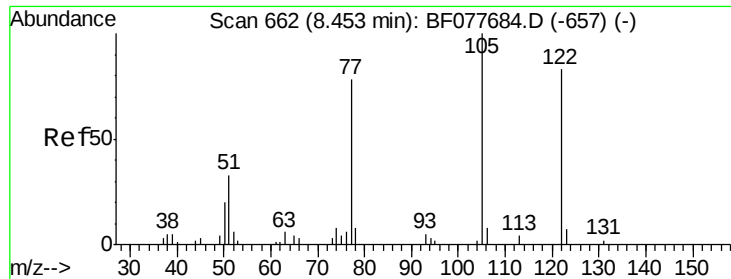
#31
 Naphthalene
 Concen: 3.12 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Tgt Ion: 128 Resp: 24305
 Ion Ratio Lower Upper
 128 100
 129 13.4 8.9 13.3#
 127 27.5 10.4 15.6#



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: 3.28 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.05 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

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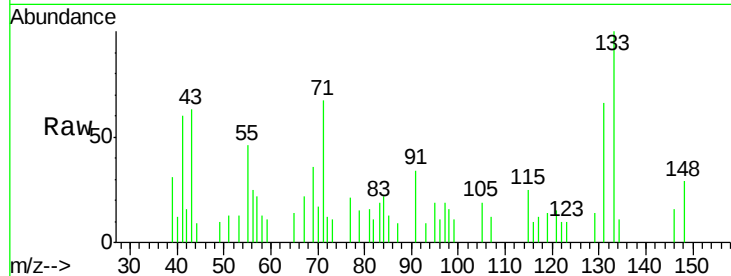
Tgt Ion:122 Resp: 253

Ion Ratio Lower Upper

122 100

105 181.8 99.9 139.9#

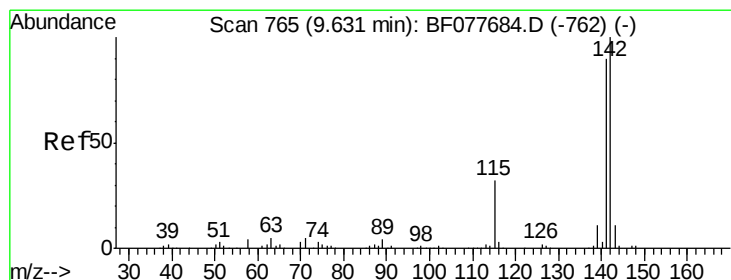
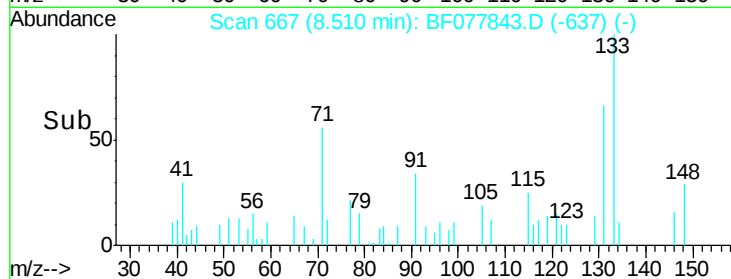
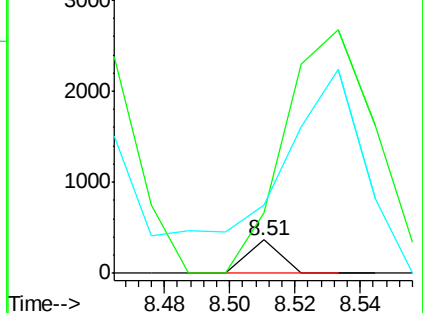
77 203.0 73.7 113.7#



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



#37

2-Methylnaphthalene

Concen: 4.41 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

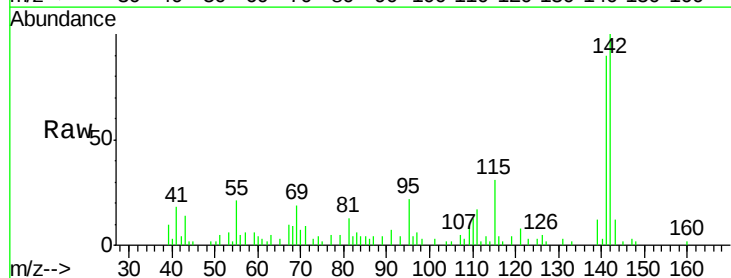
Tgt Ion:142 Resp: 23086

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9

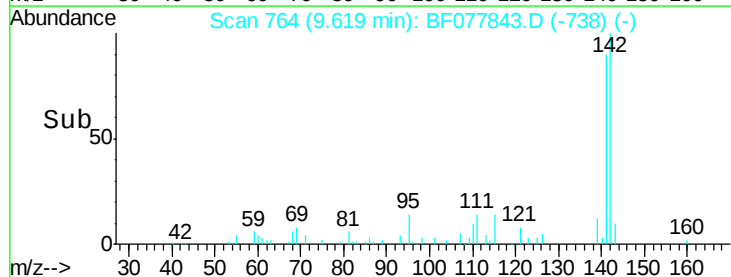
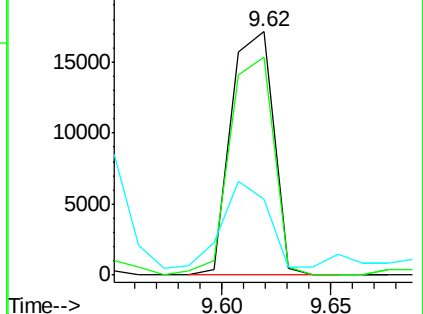
115 31.0 25.4 38.0

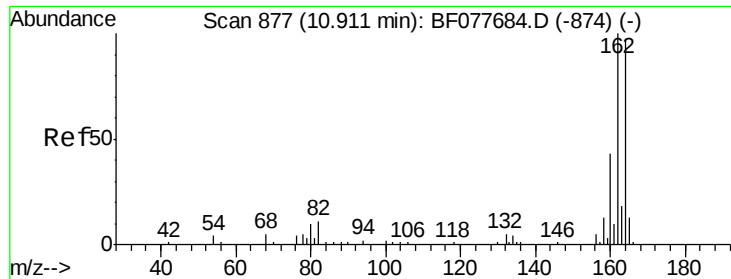


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

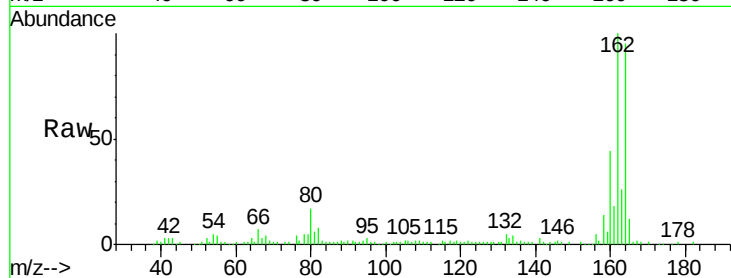




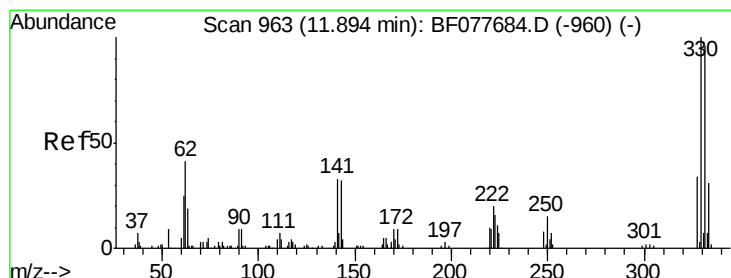
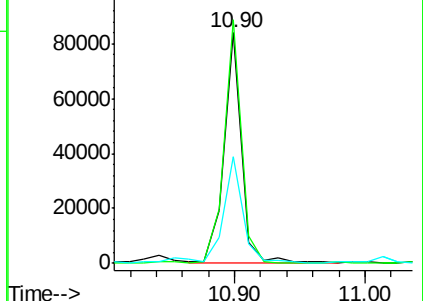
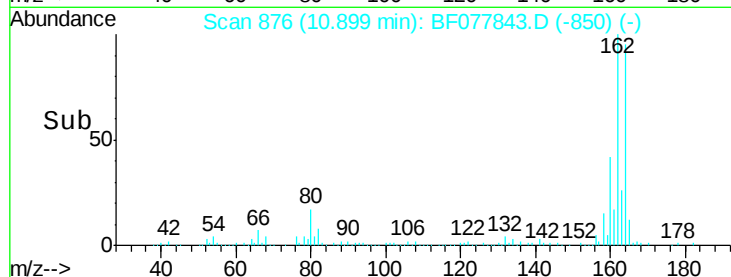
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:164 Resp: 79302
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.4 123.6
 160 46.0 35.8 53.6

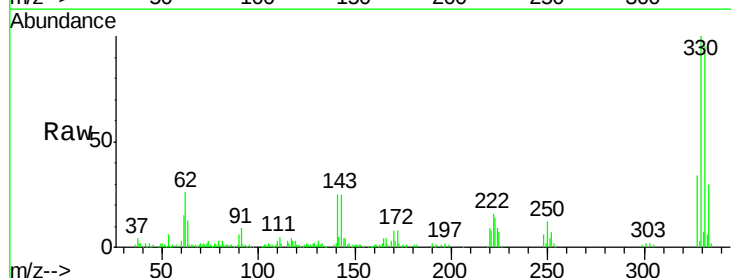


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

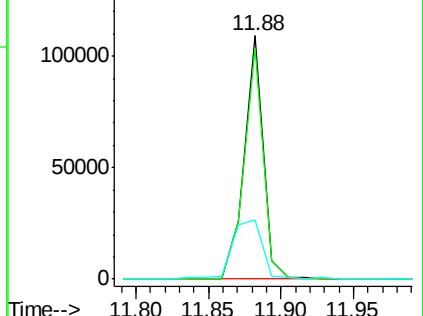
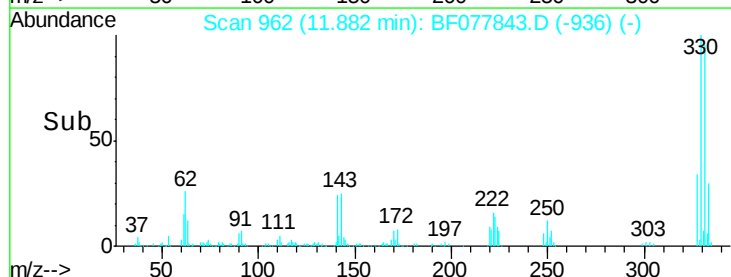


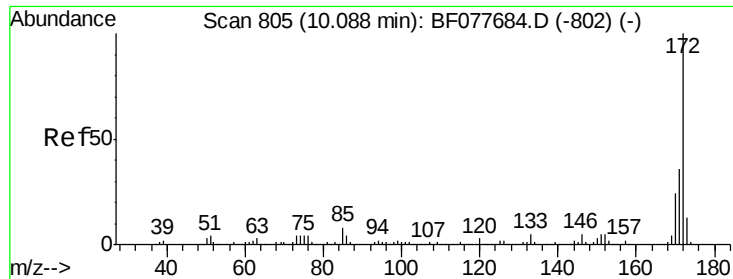
#41
 2,4,6-Tribromophenol
 Concen: 131.40 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Tgt Ion:330 Resp: 99700
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.2 0.0 0.0#



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

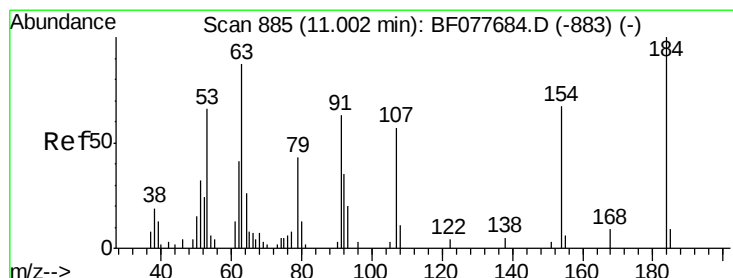
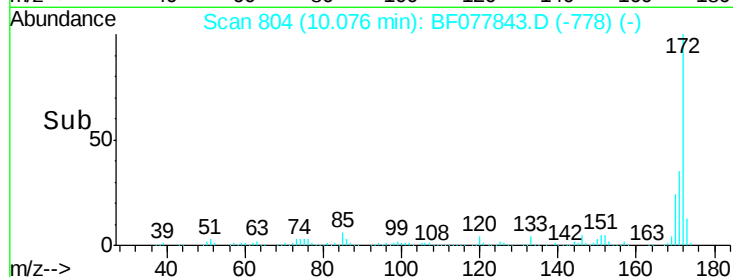
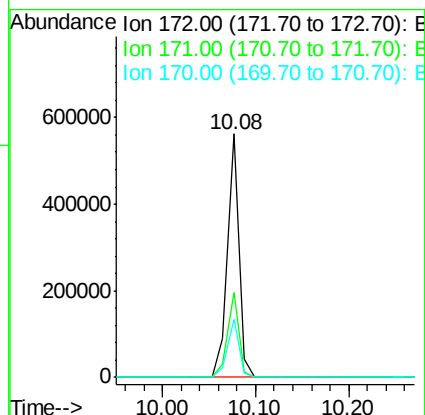
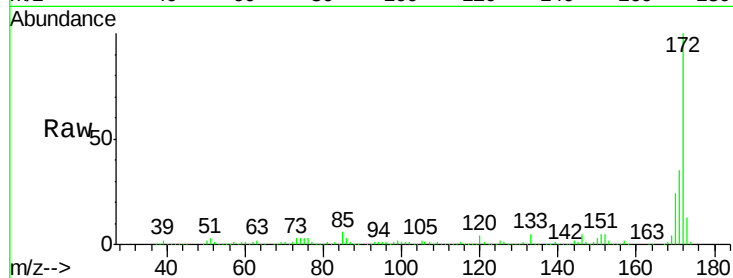




#44
 2-Fluorobiphenyl
 Concen: 88.56 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

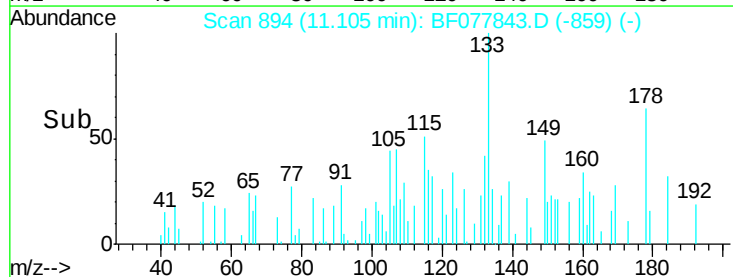
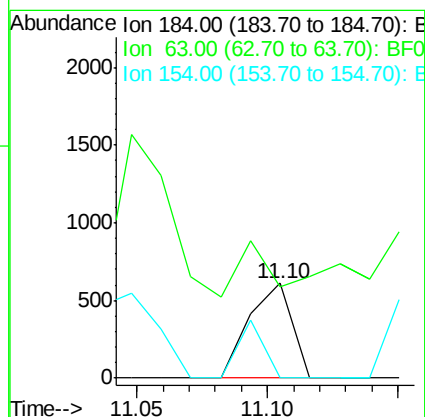
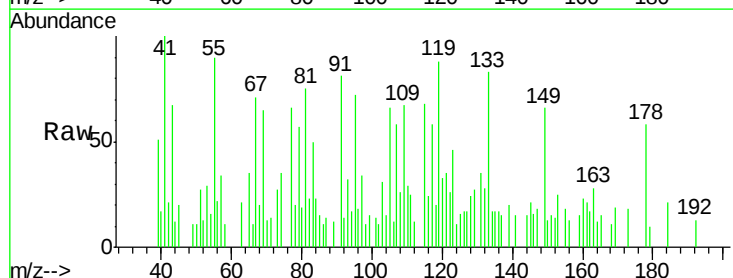
Instrument :
 BNA_F
 ClientSampleId :
 MW-19

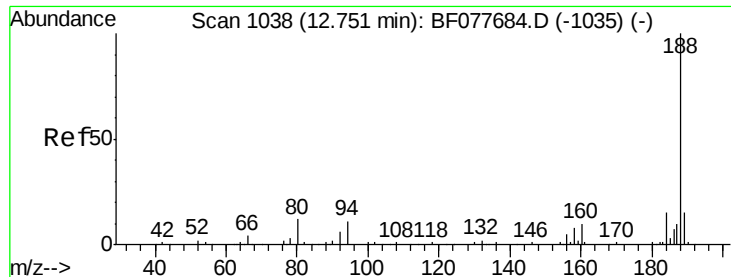
Tgt Ion:172 Resp: 477877
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.8 18.8 28.2



#53
 2,4-Dinitrophenol
 Concen: 9.46 ng
 RT: 11.10 min Scan# 894
 Delta R.T. 0.10 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Tgt Ion:184 Resp: 700
 Ion Ratio Lower Upper
 184 100
 63 96.6 69.2 103.8
 154 0.0 53.3 79.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

MW-19

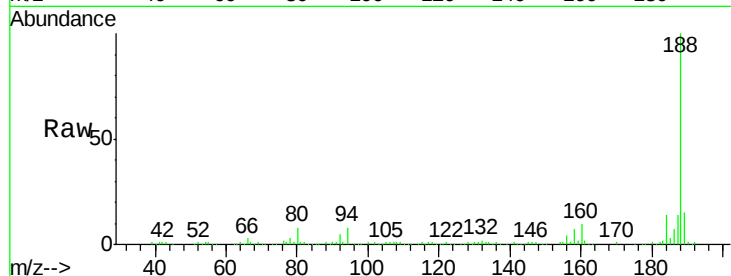
Tgt Ion:188 Resp: 153350

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

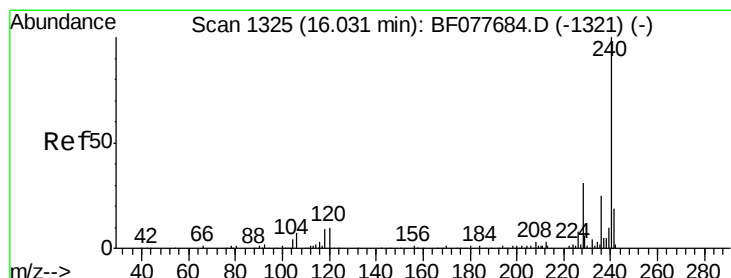
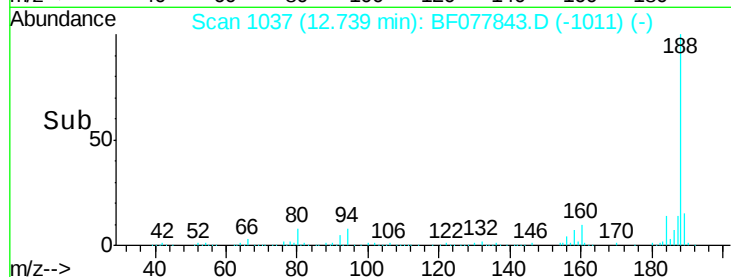
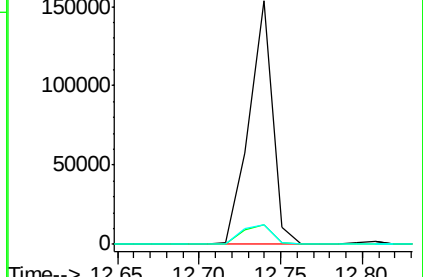
80 8.3 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077843.D

Acq: 19 Mar 2015 21:11

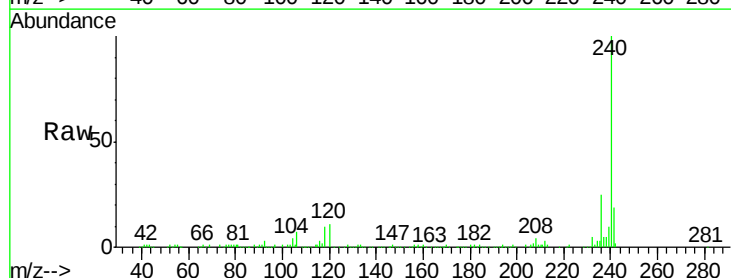
Tgt Ion:240 Resp: 164977

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

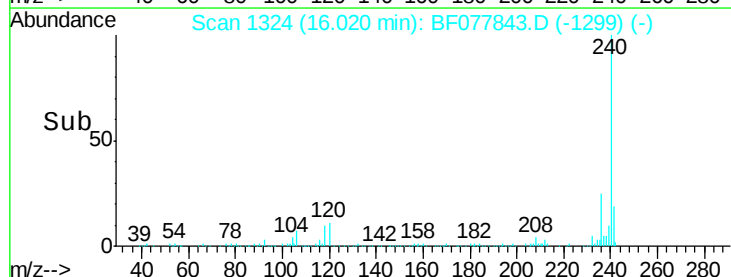
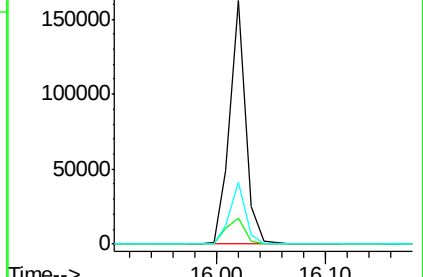
236 25.2 20.0 30.0

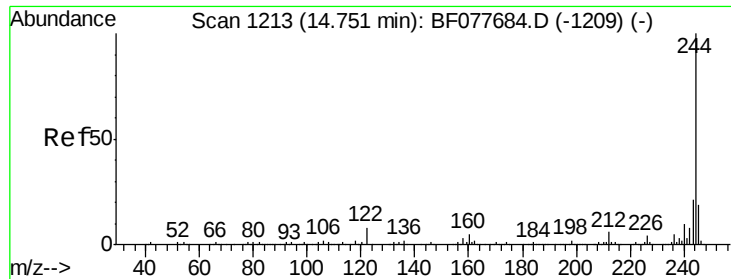


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

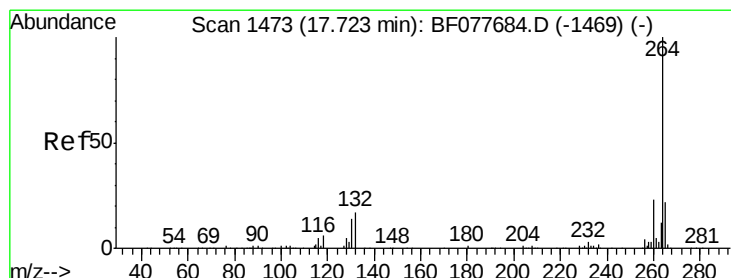
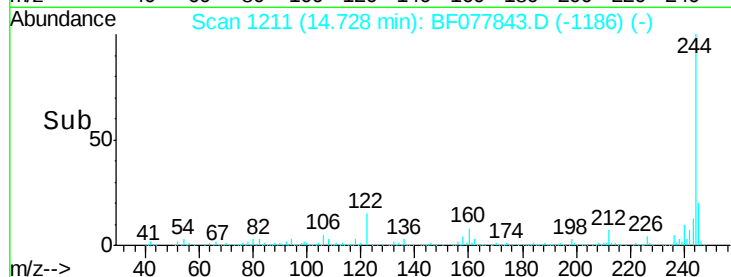
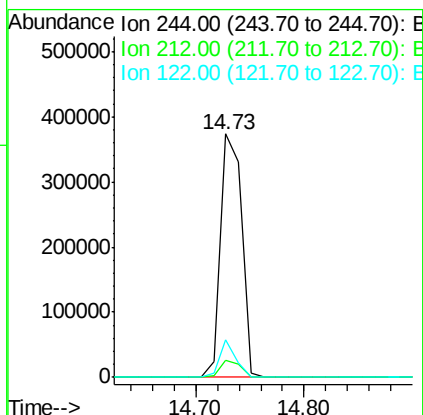
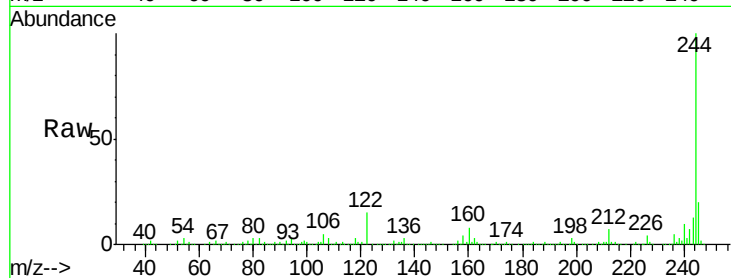




#78
 Terphenyl-d14
 Concen: 74.89 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion: 244 Resp: 505775
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 15.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BF077843.D
 Acq: 19 Mar 2015 21:11

Tgt Ion: 264 Resp: 172522
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.0 17.3 25.9

