

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083071.D
 Acq On : 20 Nov 2015 9:15
 Operator : UM/IZ
 Sample : G4455-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 20 09:44:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

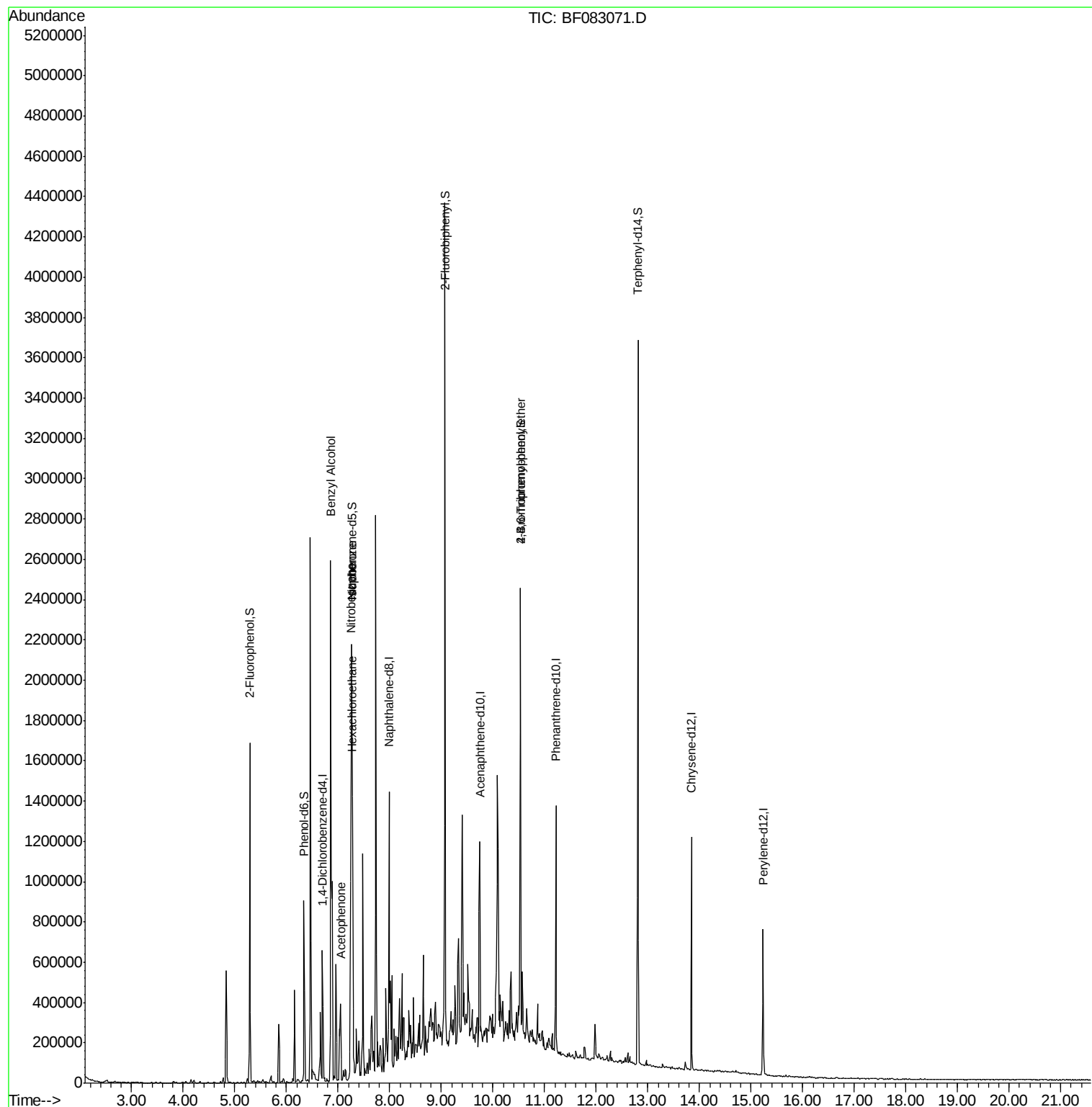
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110232	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	418431	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	218701	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	426028	20.00	ng	0.00
75) Chrysene-d12	13.85	240	394690	20.00	ng	-0.01
86) Perylene-d12	15.23	264	326161	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	421531	59.39	ng	0.00
7) Phenol-d6	6.34	99	346163	37.03	ng	-0.01
23) Nitrobenzene-d5	7.26	82	726327	79.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	311927	134.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1231944	75.87	ng	-0.01
78) Terphenyl-d14	12.81	244	1125820	67.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.24	77	1926	Below Cal		Qvalue 98
15) Benzyl Alcohol	6.85	79	16865	2.19 ng	#	57
18) Hexachloroethane	7.28	117	430817	130.61 ng	#	5
22) Acetophenone	7.05	105	109166	9.31 ng	#	68
24) Nitrobenzene	7.25	77	73452	7.97 ng	#	27
25) Isophorone	7.26	82	562373	32.62 ng	#	69
66) 4-Bromophenyl-phenylether	10.53	248	22366	4.53 ng	#	1

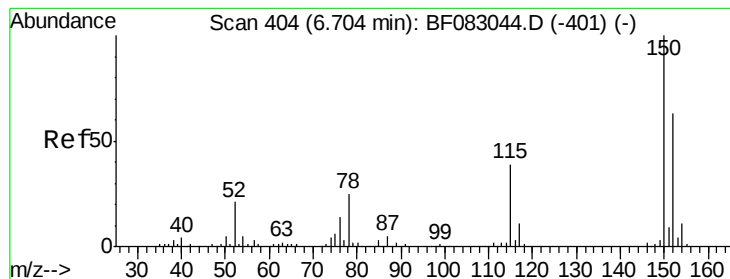
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampleId :

MW-1

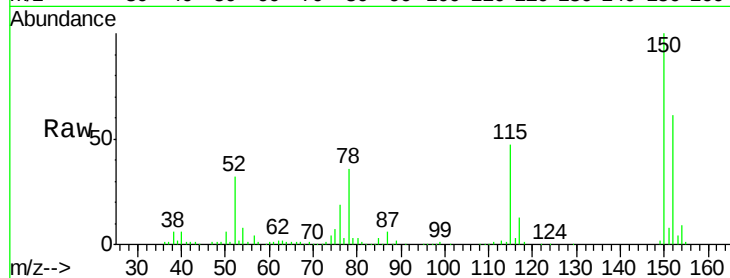
Tgt Ion:152 Resp: 110232

Ion Ratio Lower Upper

152 100

150 163.7 126.4 189.6

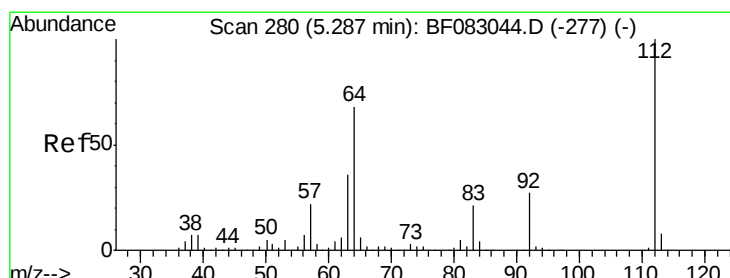
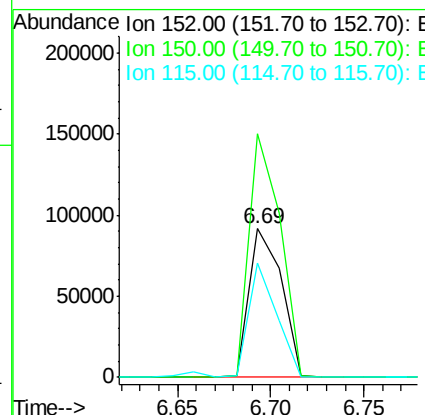
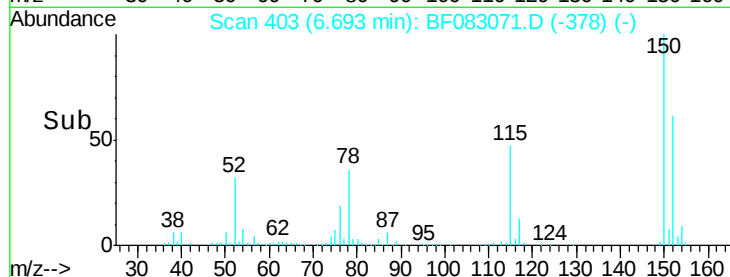
115 76.9 49.0 73.6#



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: 59.39 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

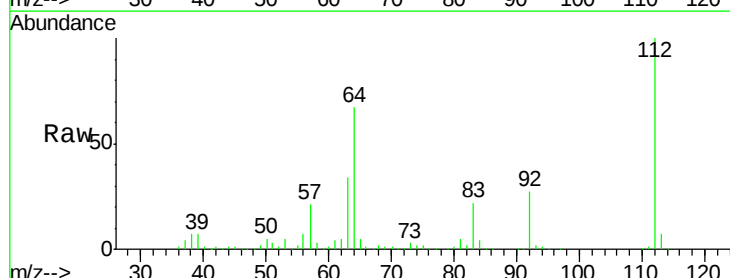
Tgt Ion:112 Resp: 421531

Ion Ratio Lower Upper

112 100

64 66.5 54.8 82.2

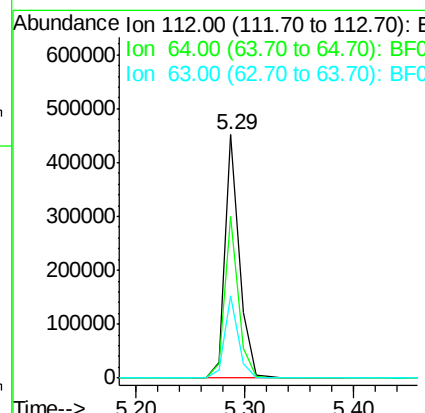
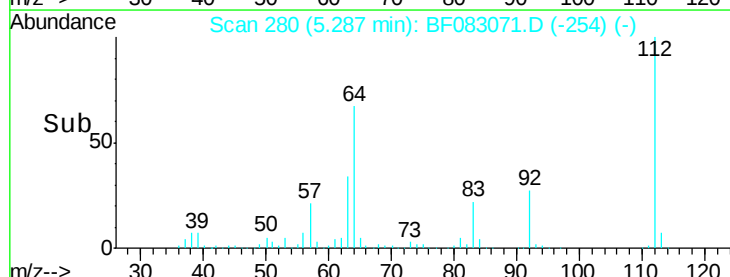
63 33.8 29.0 43.4

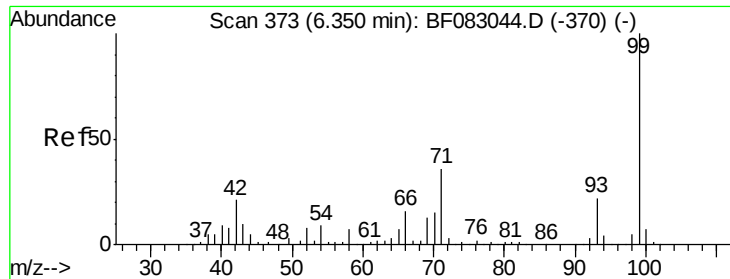


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.03 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampleId :

MW-1

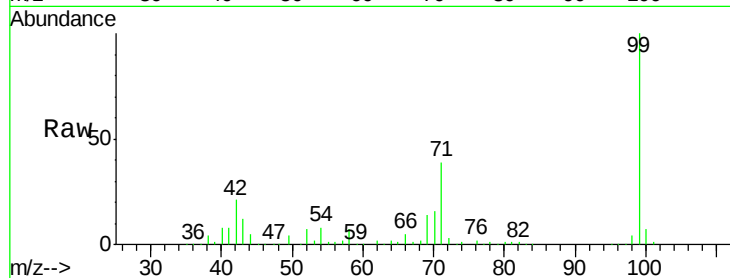
Tgt Ion: 99 Resp: 346163

Ion Ratio Lower Upper

99 100

42 21.5 16.6 25.0

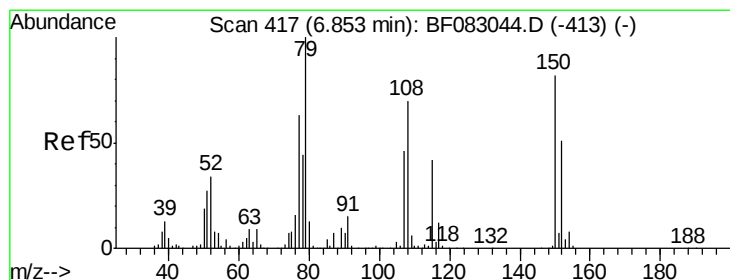
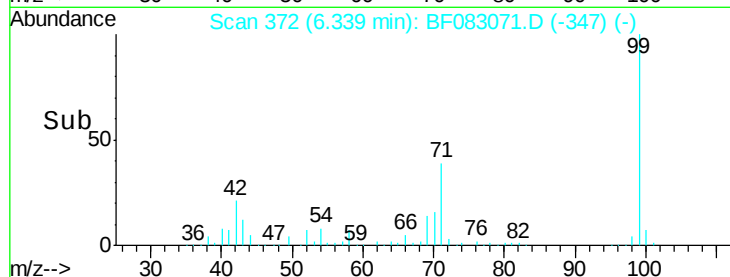
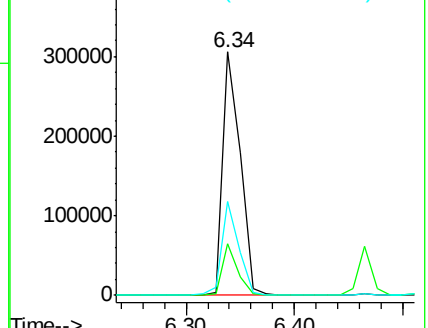
71 38.6 29.2 43.8



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: 2.19 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

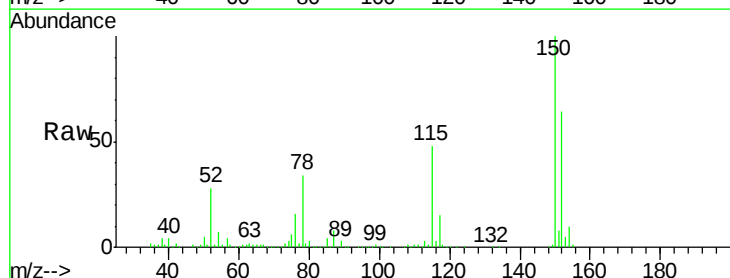
Tgt Ion: 79 Resp: 16865

Ion Ratio Lower Upper

79 100

108 26.6 55.7 83.5#

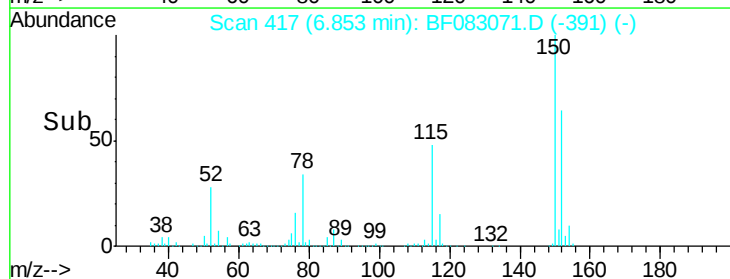
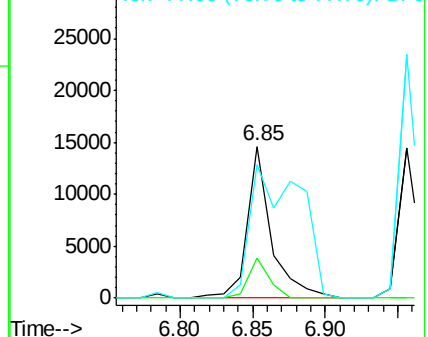
77 88.5 50.7 76.1#

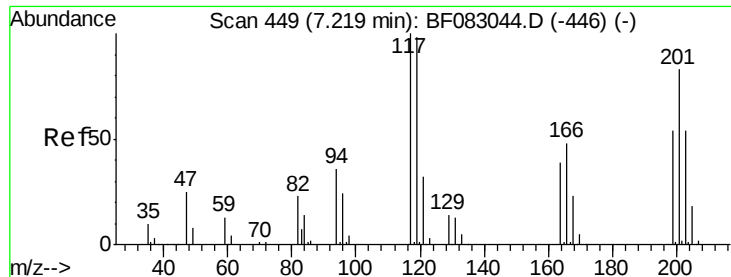


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

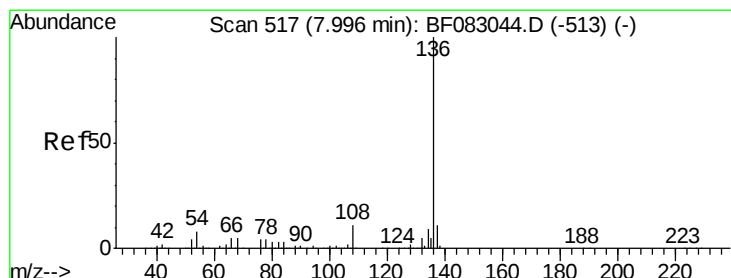
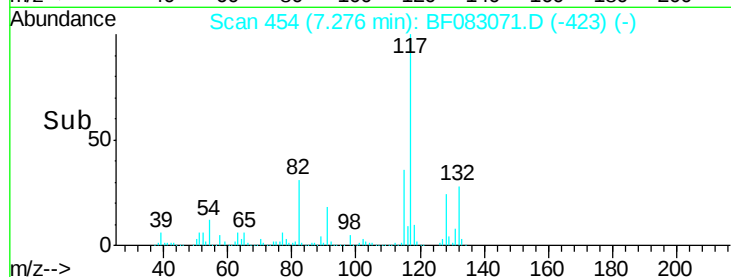
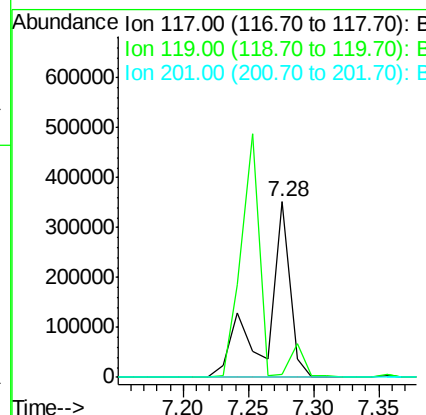
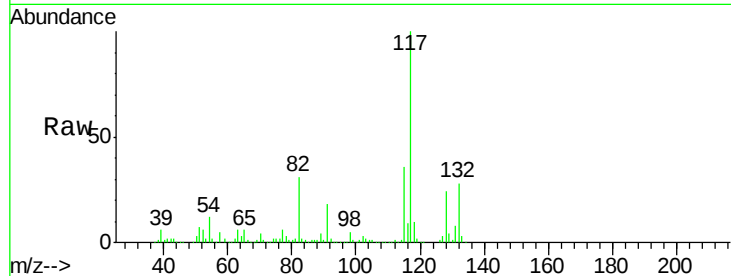




#18
Hexachloroethane
Concen: 130.61 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.06 min
Lab File: BF083071.D
Acq: 20 Nov 2015 9:15

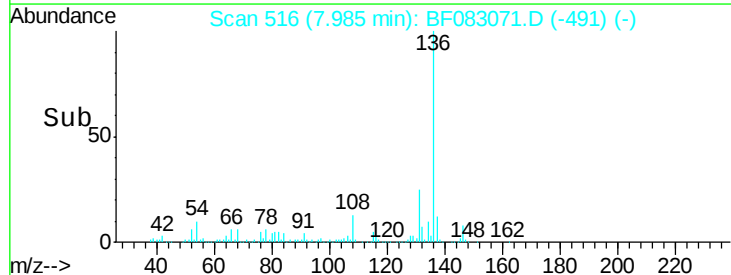
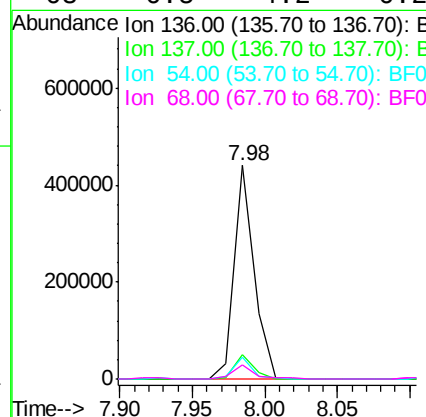
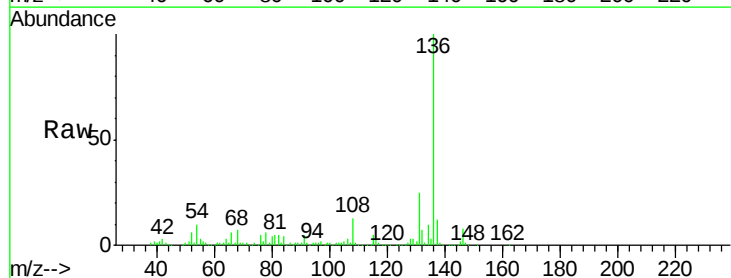
Instrument :
BNA_F
ClientSampleId :
MW-1

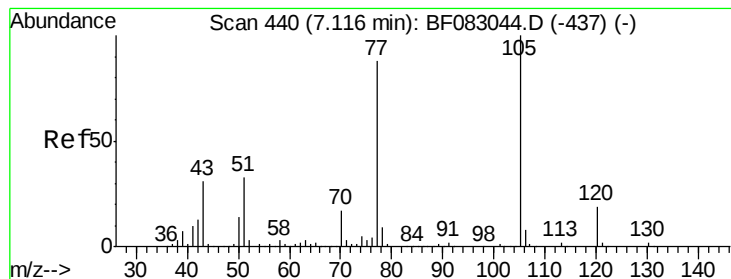
Tgt Ion:117 Resp: 430817
Ion Ratio Lower Upper
117 100
119 2.0 78.3 117.5#
201 0.0 66.5 99.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083071.D
Acq: 20 Nov 2015 9:15

Tgt Ion:136 Resp: 418431
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 10.1 6.2 9.2#
68 6.5 4.2 6.2#





#22

Acetophenone

Concen: 9.31 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.07 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampled :

MW-1

Tgt Ion: 105 Resp: 109166

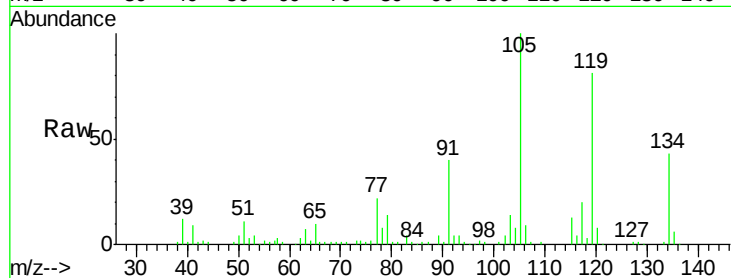
Ion Ratio Lower Upper

105 100

71 0.5 2.3 3.5#

51 10.6 26.1 39.1#

120 7.9 15.3 22.9#

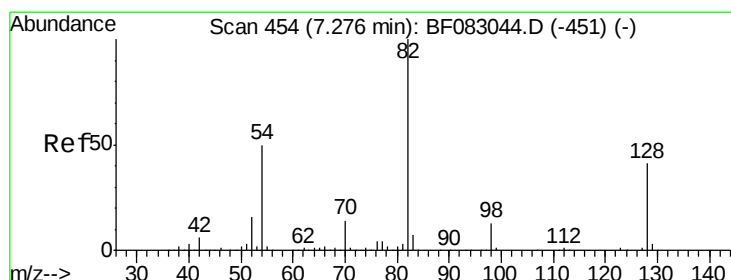
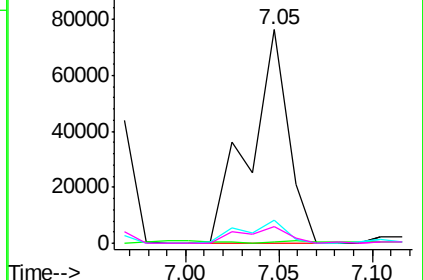
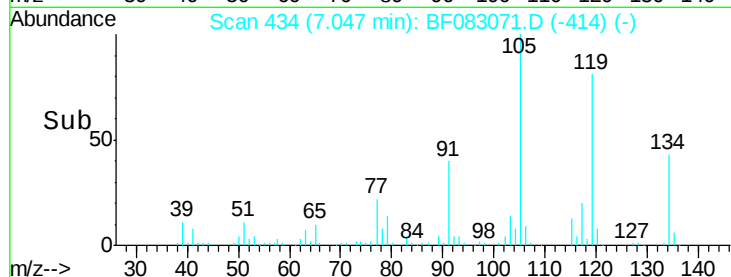


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.47 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

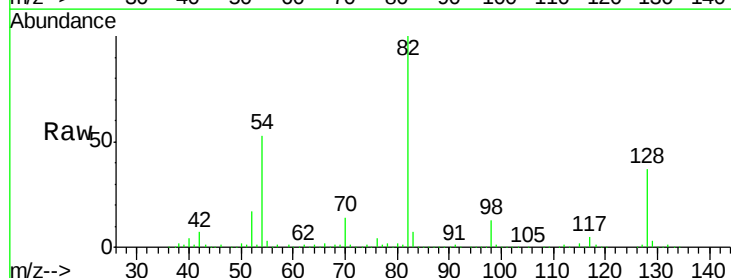
Tgt Ion: 82 Resp: 726327

Ion Ratio Lower Upper

82 100

128 37.5 33.1 49.7

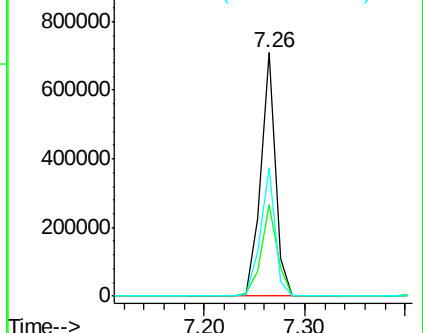
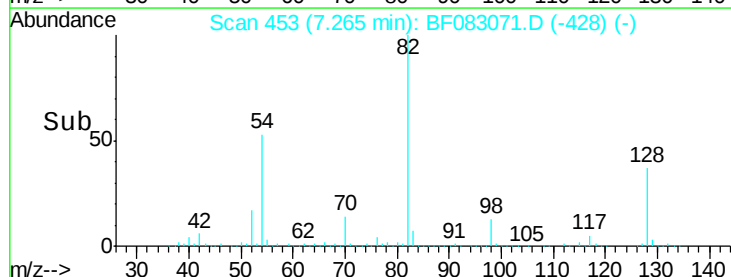
54 52.7 39.8 59.6

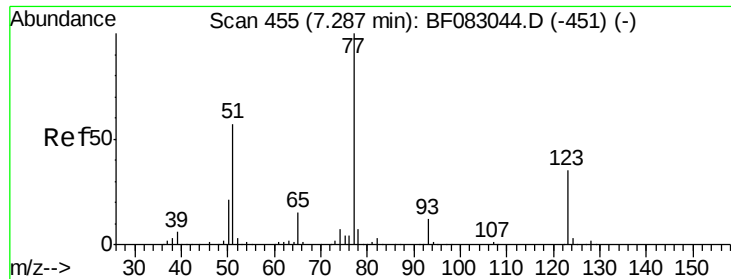


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

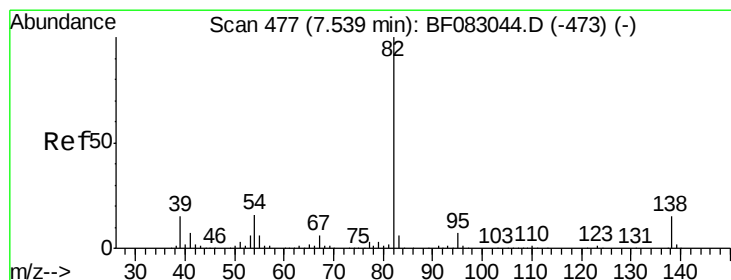
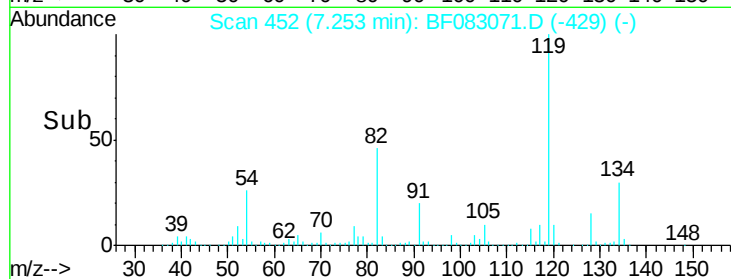
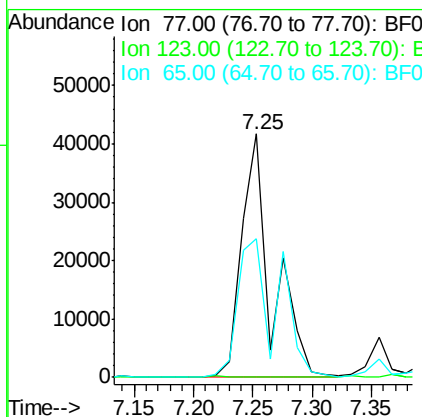
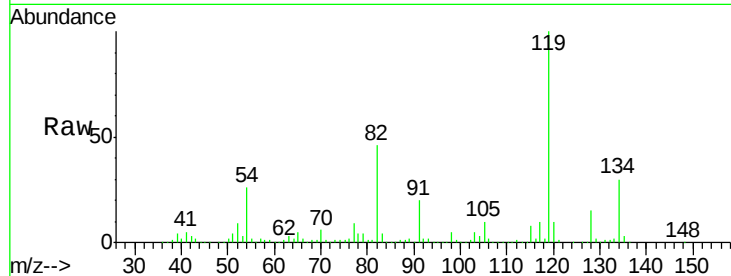




#24
 Nitrobenzene
 Concen: 7.97 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

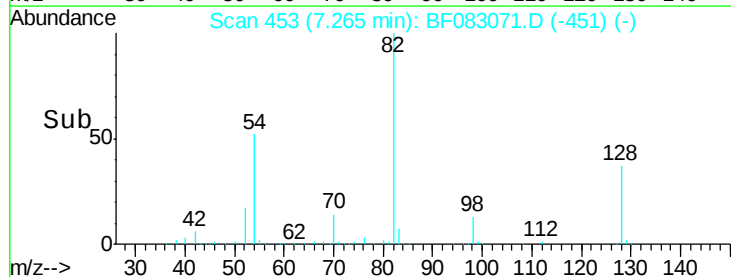
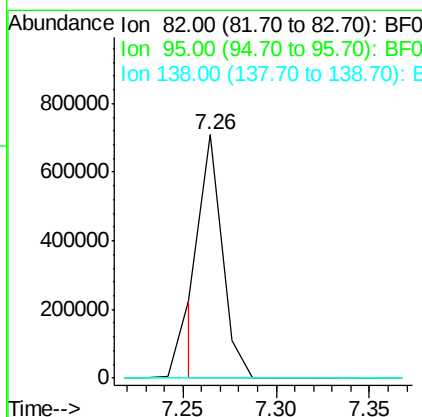
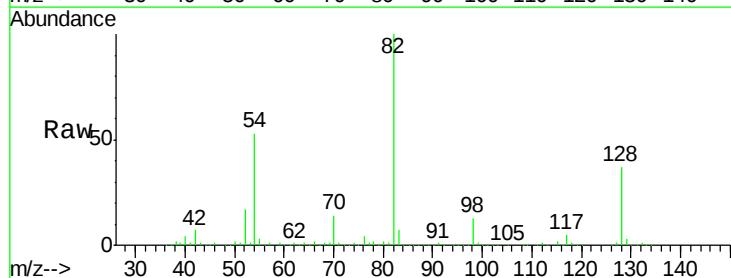
Instrument :
 BNA_F
 ClientSampleID :
 MW-1

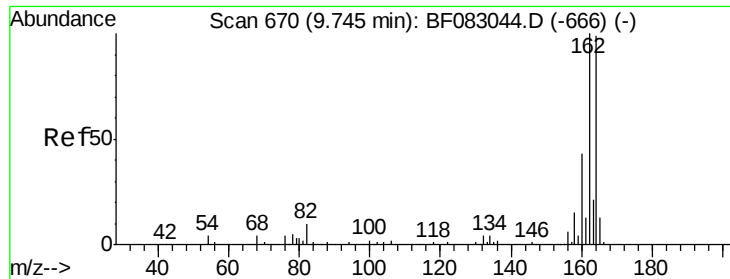
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.2	42.4#
65	56.9	11.8	17.8#



#25
 Isophorone
 Concen: 32.62 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.27 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	12.2	18.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampleId :

MW-1

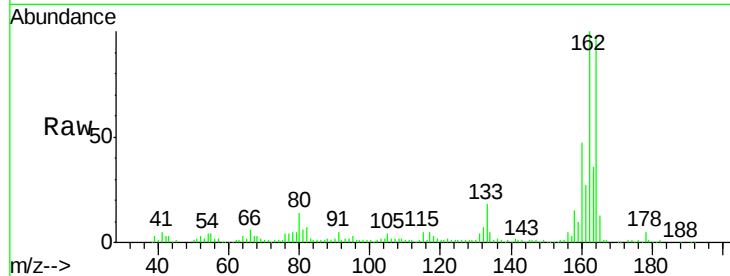
Tgt Ion:164 Resp: 218701

Ion Ratio Lower Upper

164 100

162 102.7 80.5 120.7

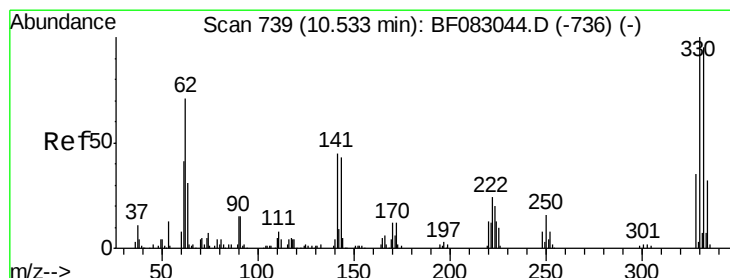
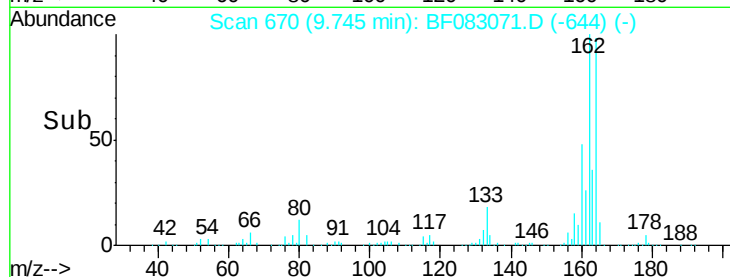
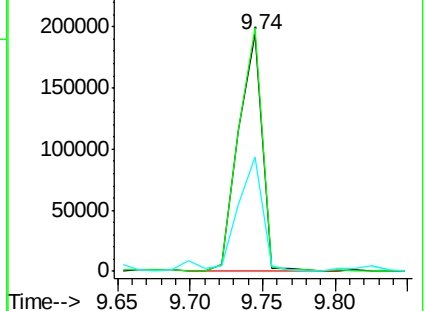
160 48.1 35.0 52.4



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: 134.33 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

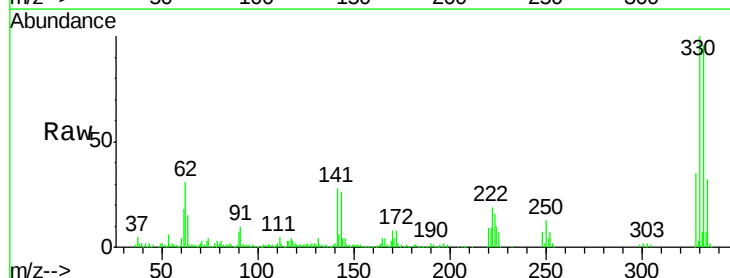
Tgt Ion:330 Resp: 311927

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

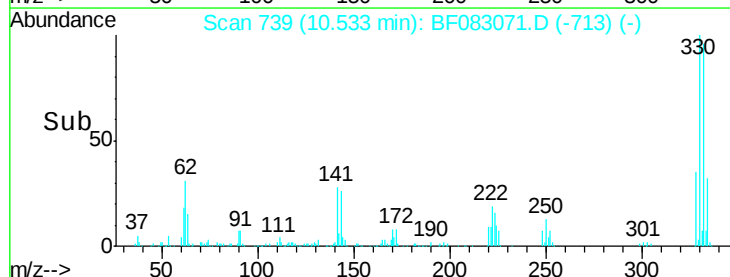
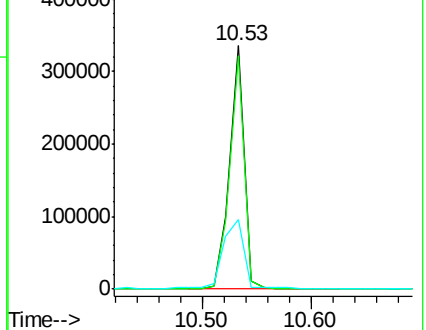
141 39.6 34.6 52.0

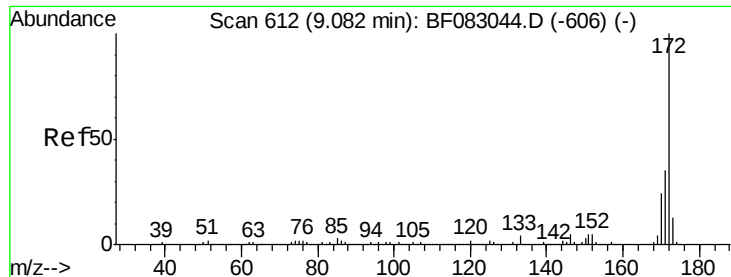


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

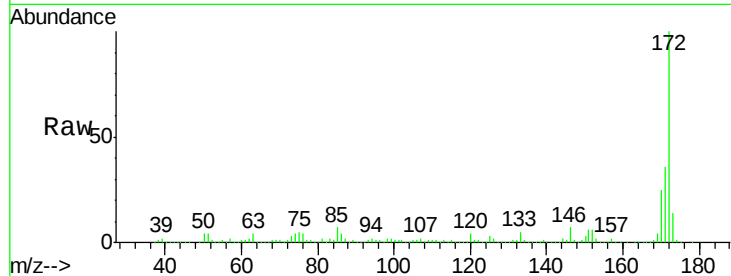




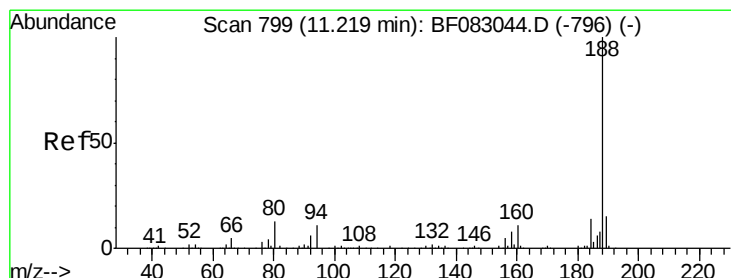
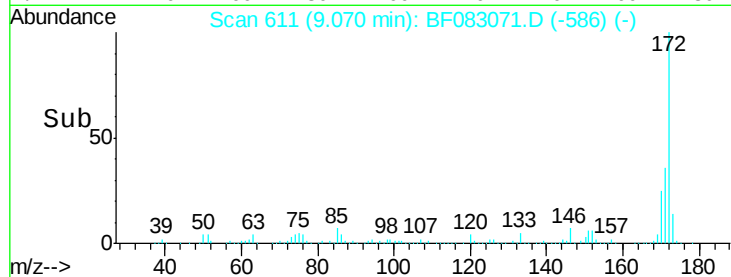
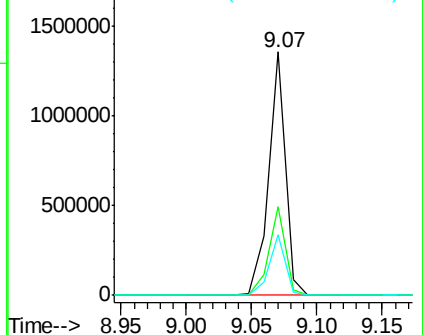
#44
2-Fluorobiphenyl
Concen: 75.87 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083071.D
Acq: 20 Nov 2015 9:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 1231944
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.4
170 24.7 19.4 29.0

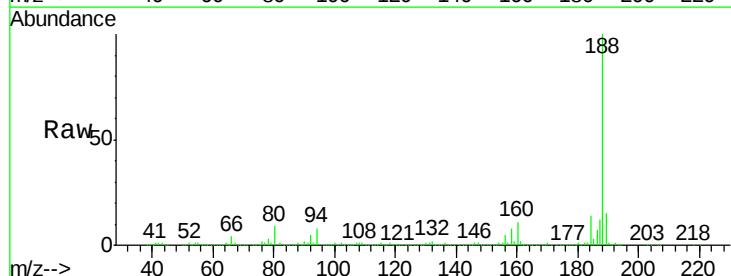


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

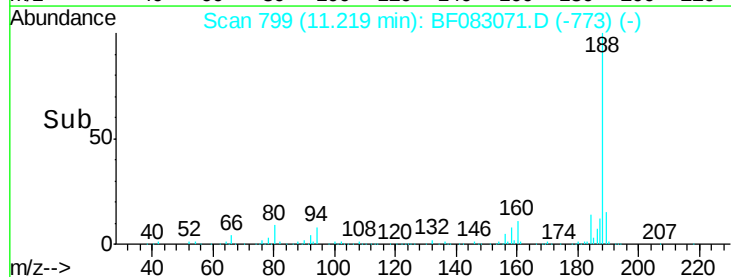
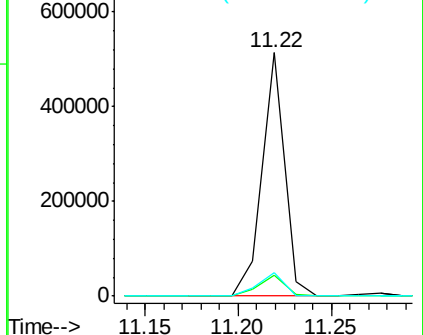


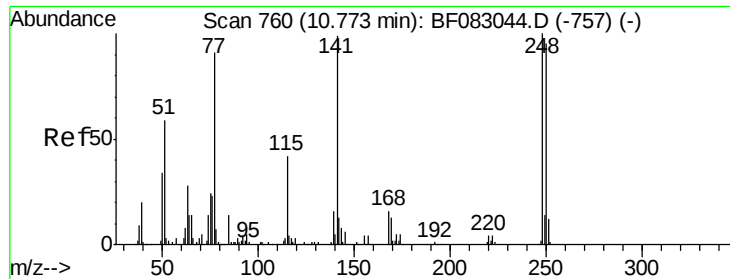
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083071.D
Acq: 20 Nov 2015 9:15

Tgt Ion:188 Resp: 426028
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 9.4 10.2 15.4#



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

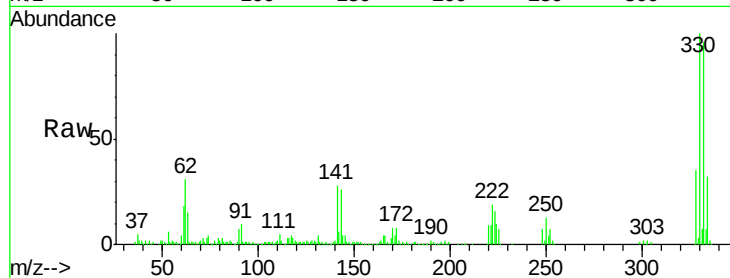




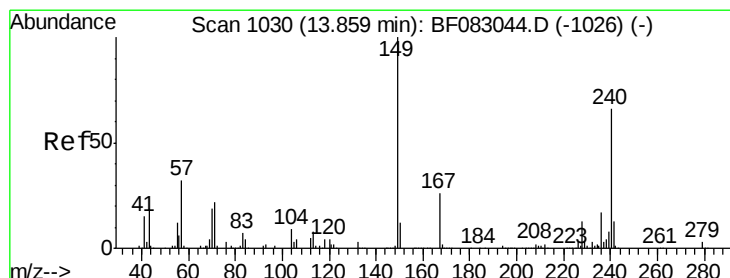
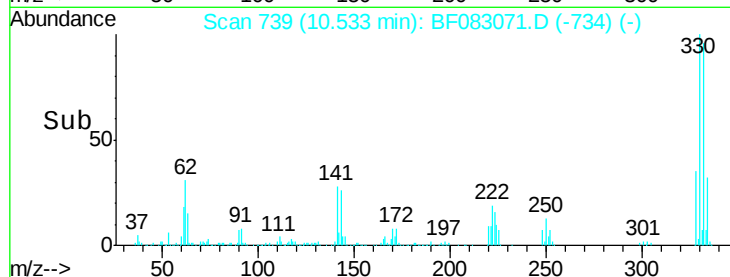
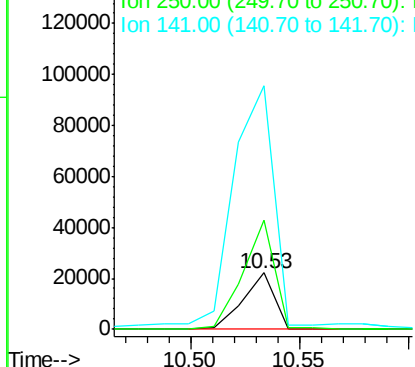
#66
 4-Bromophenyl-phenylether
 Concen: 4.53 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:248 Resp: 22366
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.1 114.1#
 141 429.5 79.2 118.8#

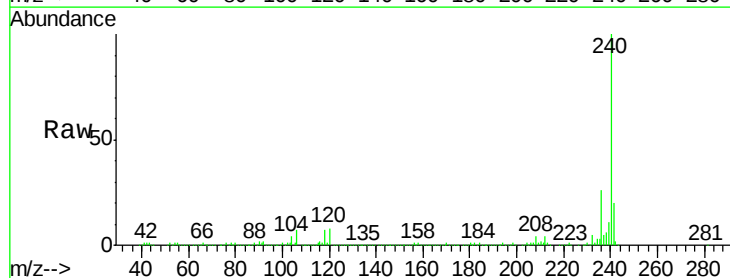


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

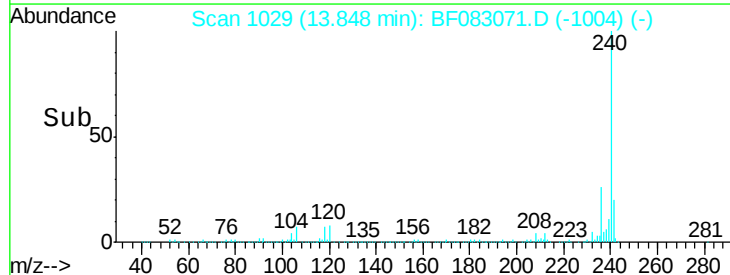
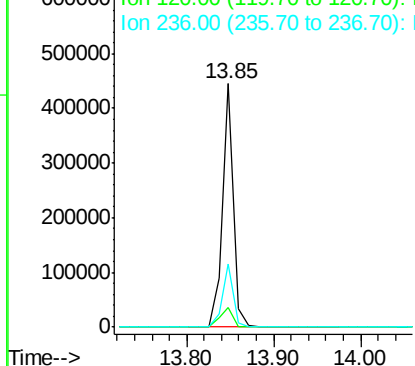


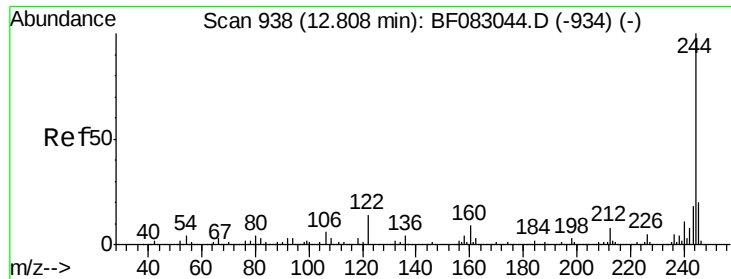
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Tgt Ion:240 Resp: 394690
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.3 7.9#
 236 25.9 20.4 30.6



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

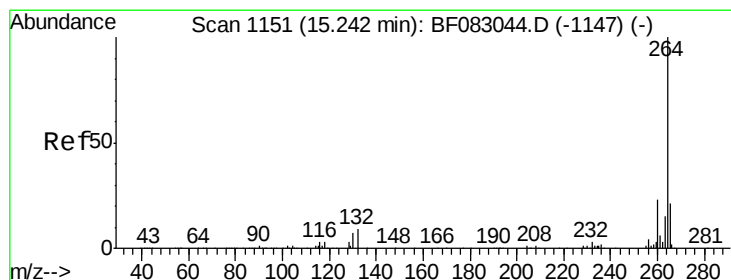
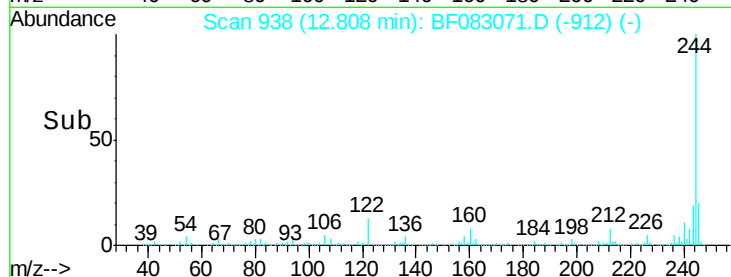
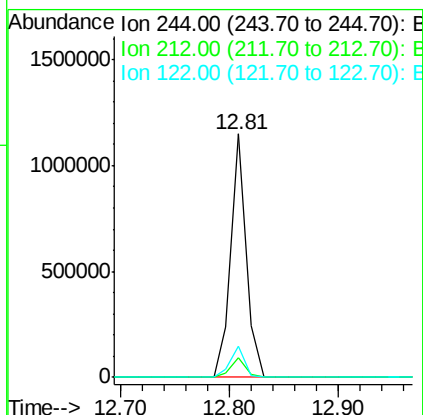
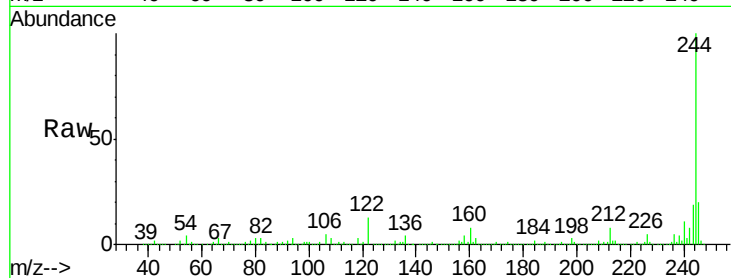




#78
 Terphenyl-d14
 Concen: 67.34 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1125820
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.6 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Tgt Ion:264 Resp: 326161
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.9 17.0 25.6

