

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083164.D
 Acq On : 22 Nov 2015 17:45
 Operator : UM/IZ
 Sample : G4485-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Nov 23 03:39:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

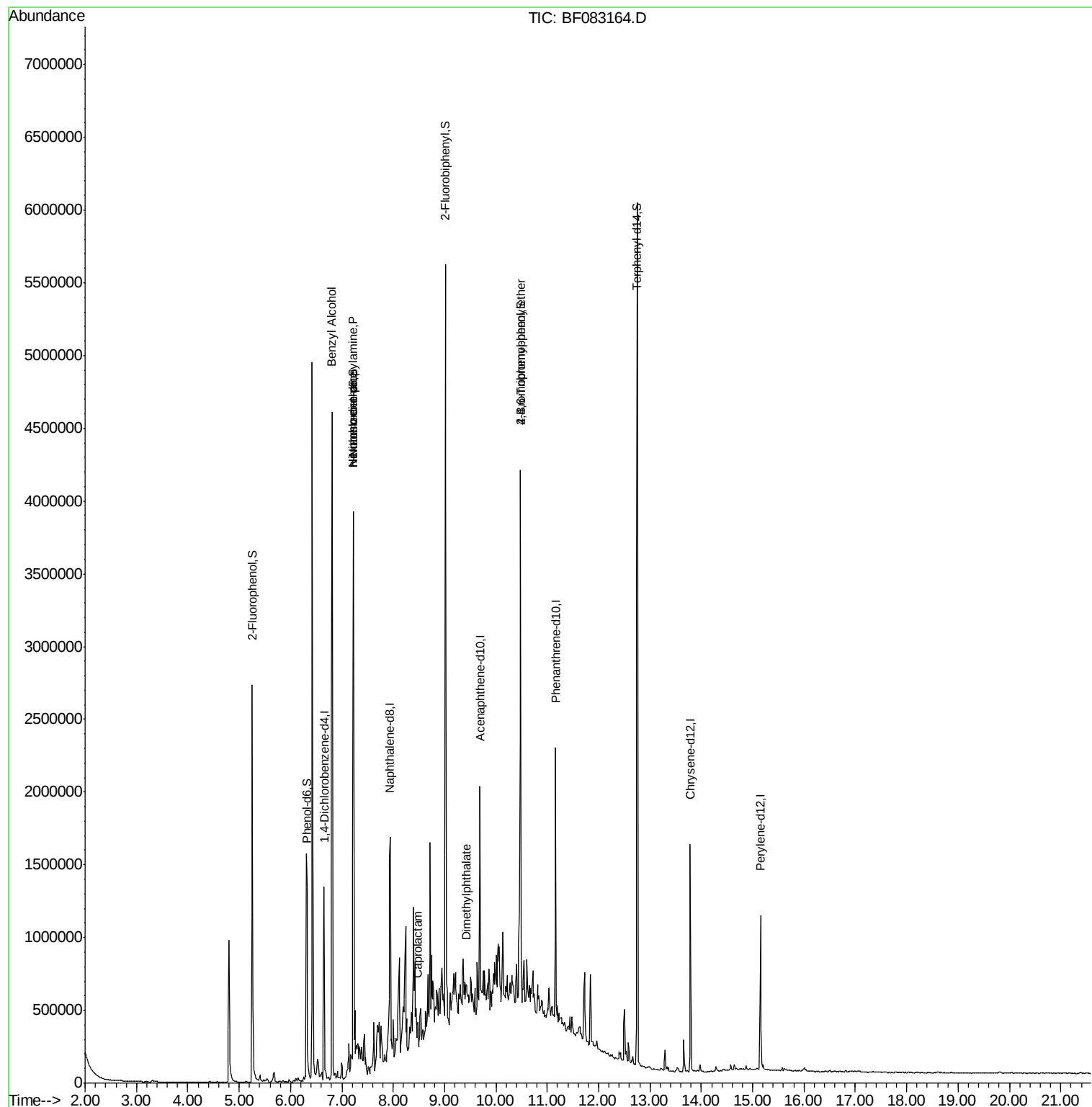
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	205118	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	754945	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	377237	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	708761	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	573048	20.00	ng	-0.02
86) Perylene-d12	15.15	264	484080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	923656	68.08	ng	-0.02
7) Phenol-d6	6.32	99	816801	46.53	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1480469	89.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	468727	121.45	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2292459	84.74	ng	-0.01
78) Terphenyl-d14	12.75	244	2149101	88.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	1320	Below Cal	#	4
15) Benzyl Alcohol	6.81	79	30057	2.05 ng	#	48
18) Hexachloroethane	7.22	117	18899	3.17 ng	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	216988	17.76 ng	#	76
35) Caprolactam	8.48	113	11949	3.15 ng	#	49
49) Dimethylphthalate	9.42	163	61403	2.11 ng	#	87
66) 4-Bromophenyl-phenylether	10.48	248	33529	4.26 ng	#	1

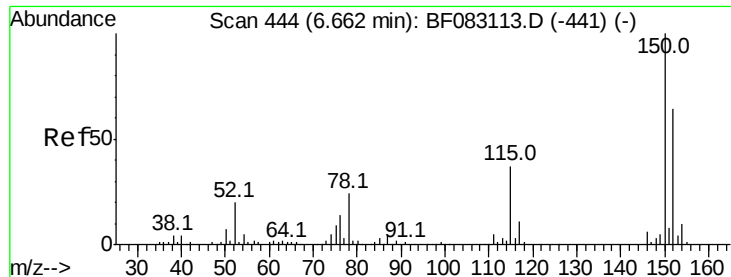
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



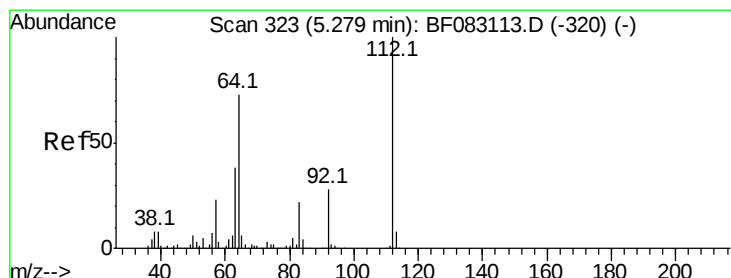
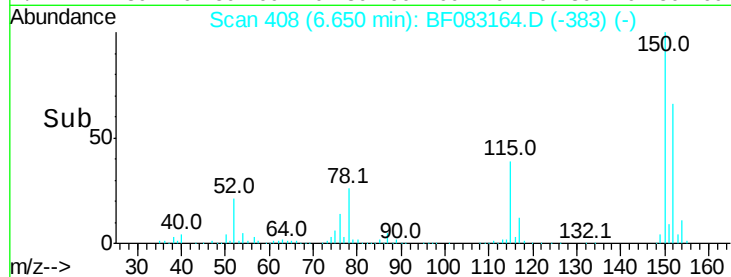
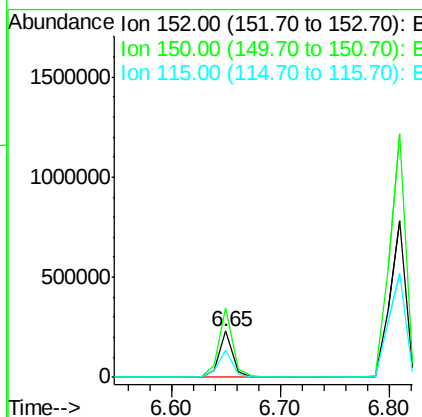
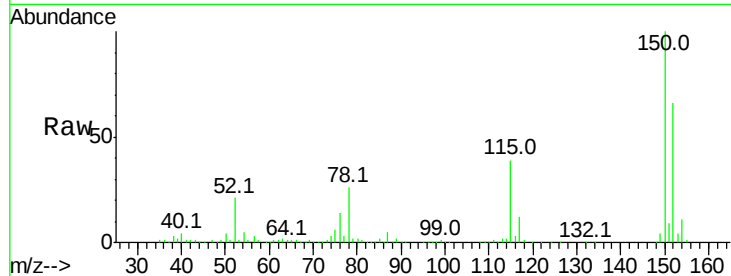


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF083164.D
 Acq: 22 Nov 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

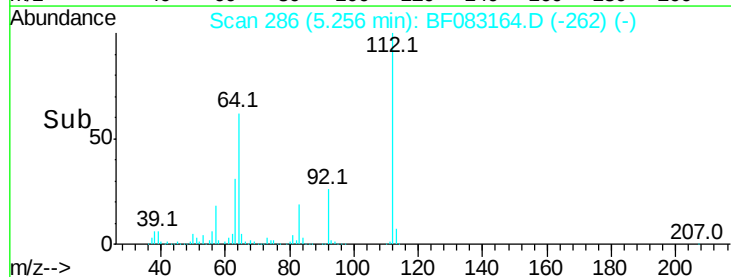
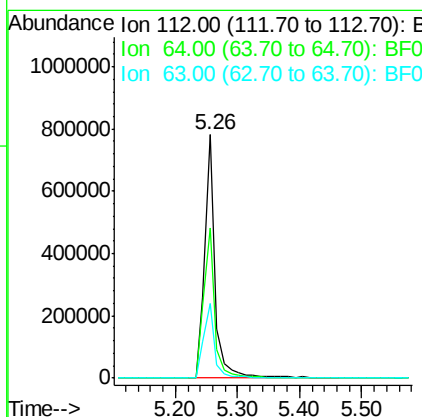
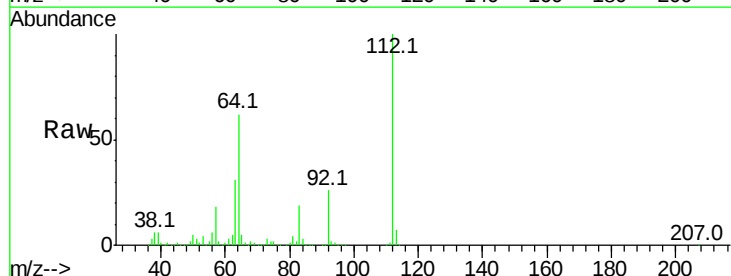
Tot Ion:152 Resp: 205118
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.8 188.8
 115 58.9 46.9 70.3

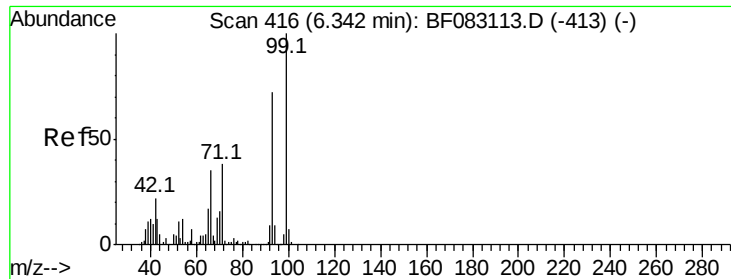


#5

2-Fluorophenol
 Concen: 68.08 ng
 RT: 5.26 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF083164.D
 Acq: 22 Nov 2015 17:45

Tgt Ion:112 Resp: 923656
 Ion Ratio Lower Upper
 112 100
 64 61.8 58.4 87.6
 63 30.8 30.0 45.0





#7

Phenol-d6

Concen: 46.53 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

Instrument :

BNA_F

ClientSampleId :

MW-36

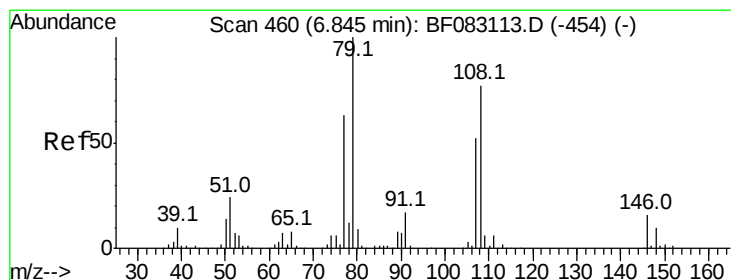
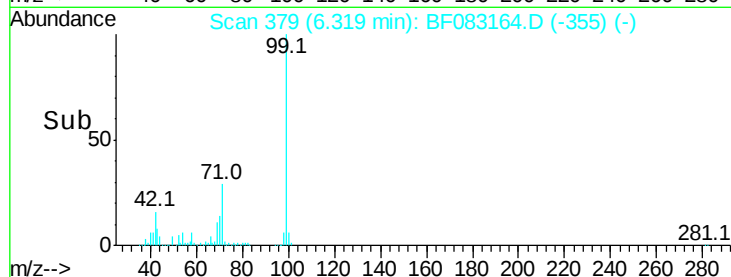
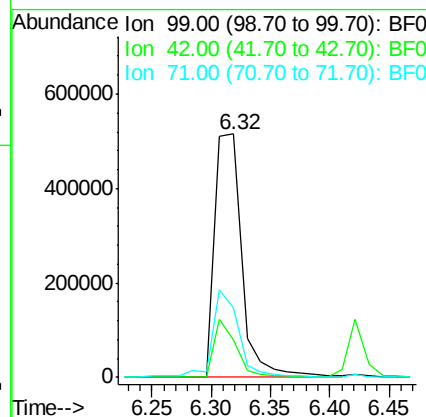
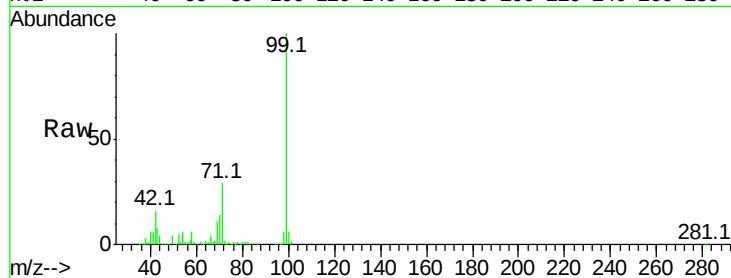
Tot Ion: 99 Resp: 816801

Ion Ratio Lower Upper

99 100

42 15.6 17.7 26.5#

71 28.6 30.2 45.4#



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

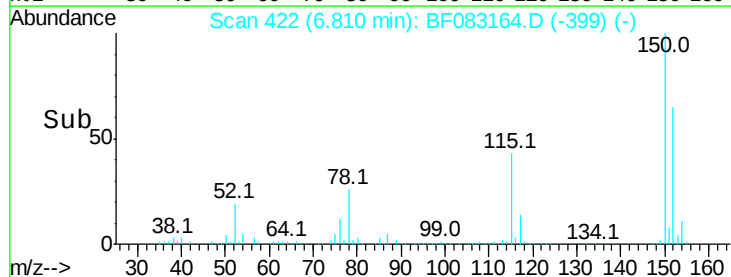
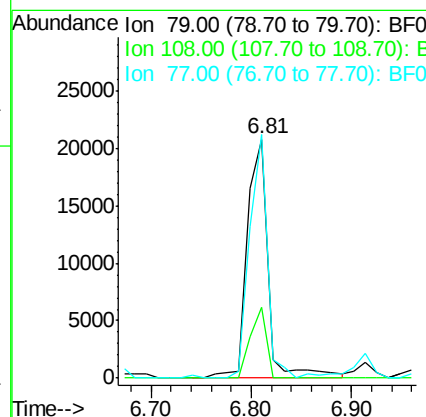
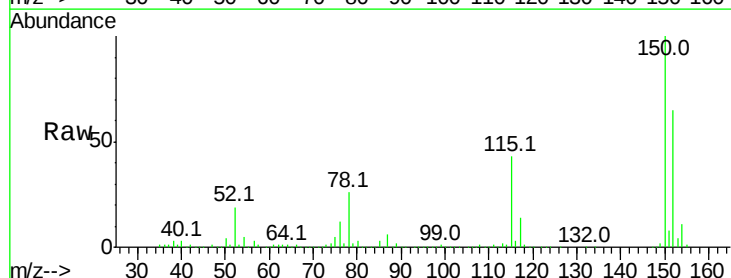
Tgt Ion: 79 Resp: 30057

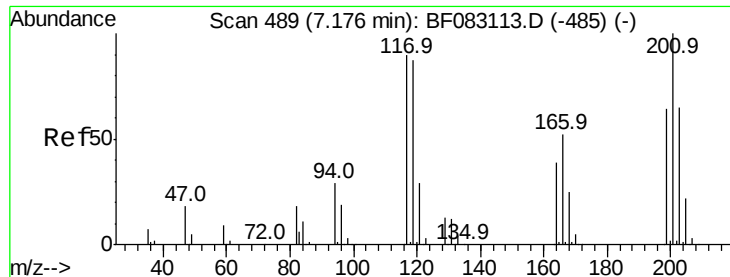
Ion Ratio Lower Upper

79 100

108 29.7 61.4 92.2#

77 101.9 50.5 75.7#

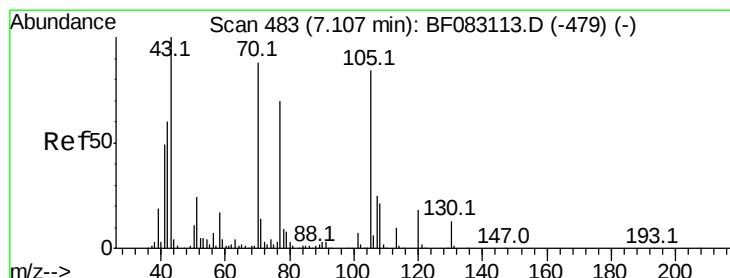
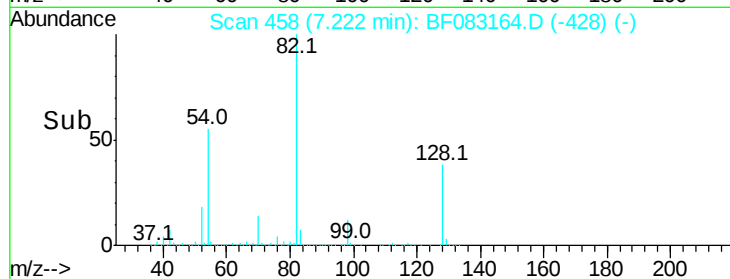
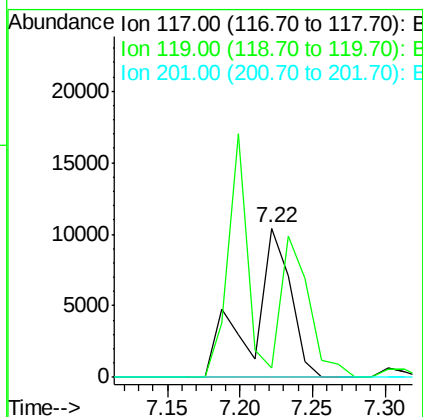
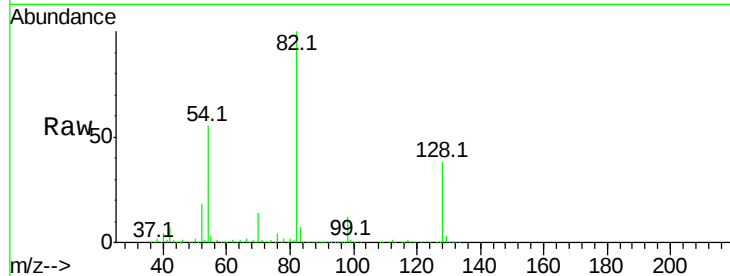




#18
Hexachloroethane
Concen: 3.17 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF083164.D
Acq: 22 Nov 2015 17:45

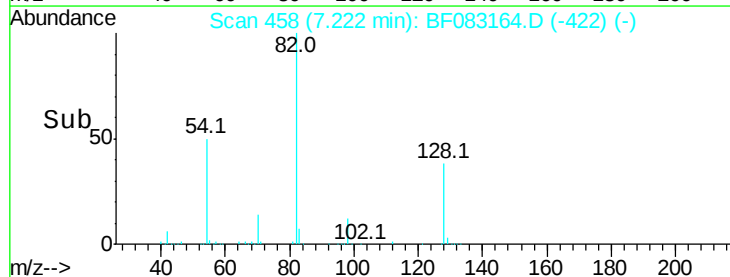
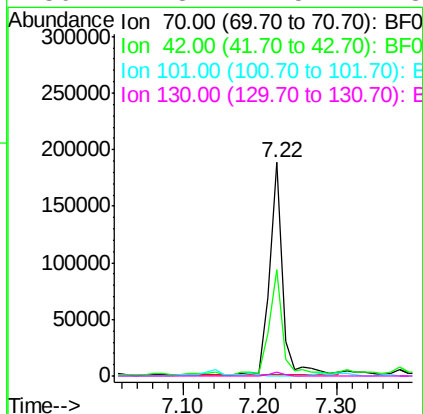
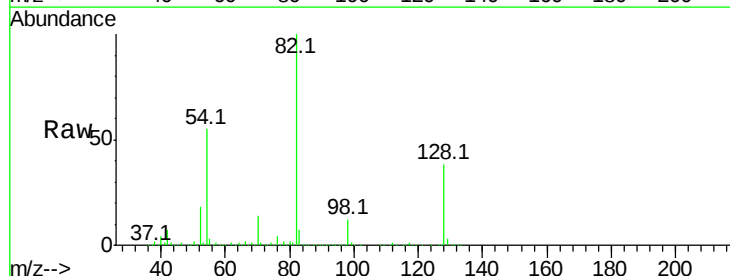
Instrument :
BNA_F
ClientSampleId :
MW-36

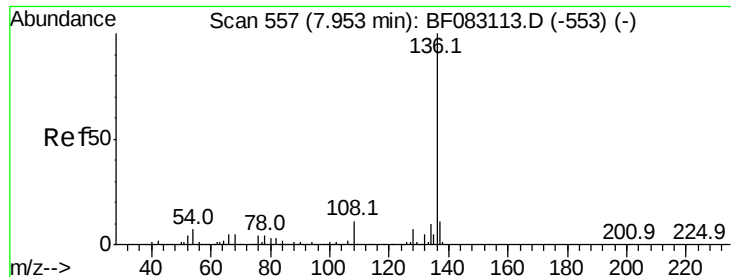
Tot Ion:117 Resp: 18899
Ion Ratio Lower Upper
117 100
119 6.1 76.8 115.2#
201 0.0 88.6 133.0#



#19
n-Nitroso-di-n-propylamine
Concen: 17.76 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083164.D
Acq: 22 Nov 2015 17:45

Tgt Ion: 70 Resp: 216988
Ion Ratio Lower Upper
70 100
42 49.7 54.5 81.7#
101 0.0 6.6 9.8#
130 1.8 11.5 17.3#

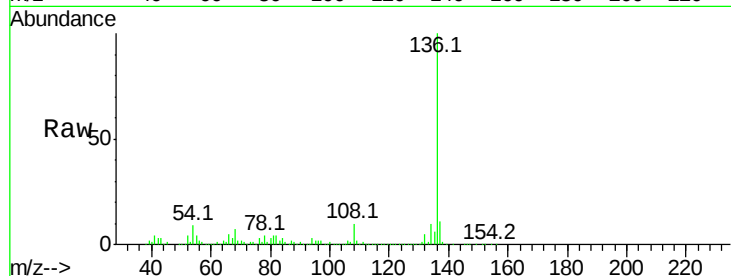




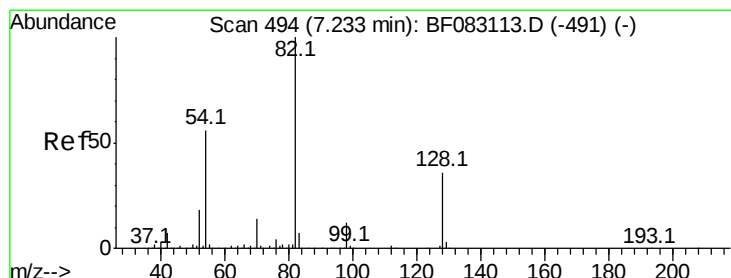
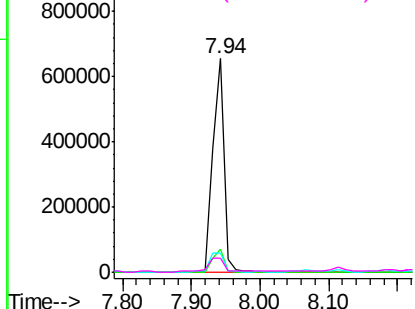
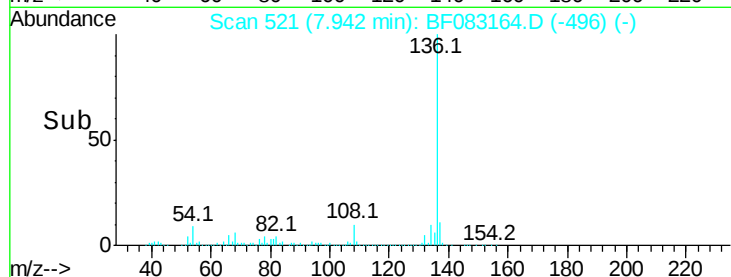
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083164.D
Acq: 22 Nov 2015 17:45

Instrument :
BNA_F
ClientSampled :
MW-36

Tot Ion:	136	Resp:	754945
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.9	5.8	8.6#
68	6.7	3.8	5.8#

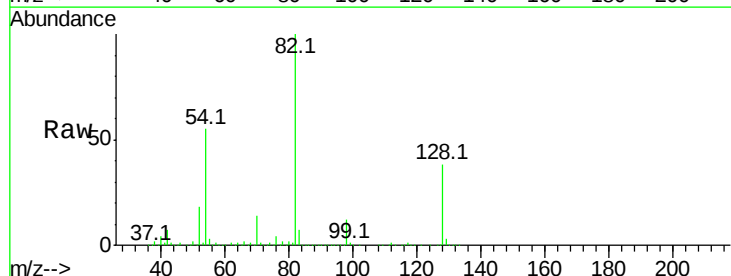


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

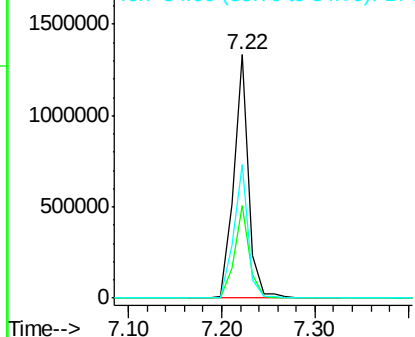
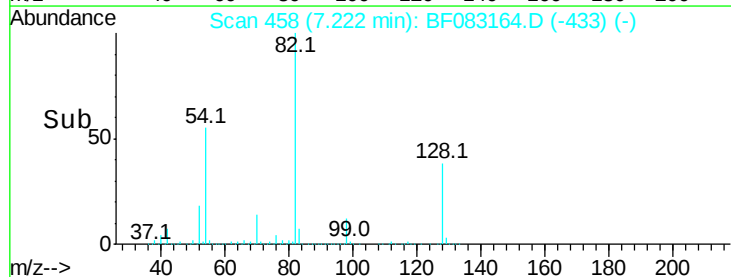


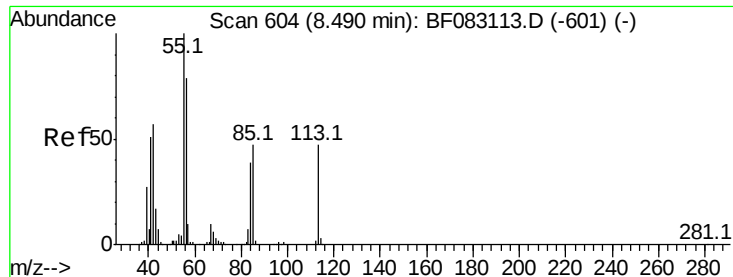
#23
Nitrobenzene-d5
Concen: 89.61 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083164.D
Acq: 22 Nov 2015 17:45

Tgt Ion:	82	Resp:	1480469
Ion	Ratio	Lower	Upper
82	100		
128	37.8	28.5	42.7
54	54.7	44.6	67.0



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





#35

Caprolactam

Concen: 3.15 ng

RT: 8.48 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

Instrument :

BNA_F

ClientSampleId :

MW-36

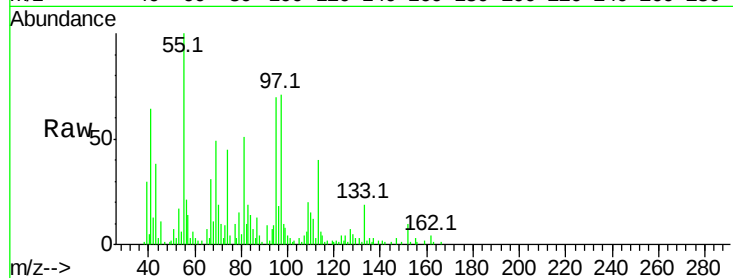
Tot Ion:113 Resp: 11949

Ion Ratio Lower Upper

113 100

55 248.0 192.6 232.6#

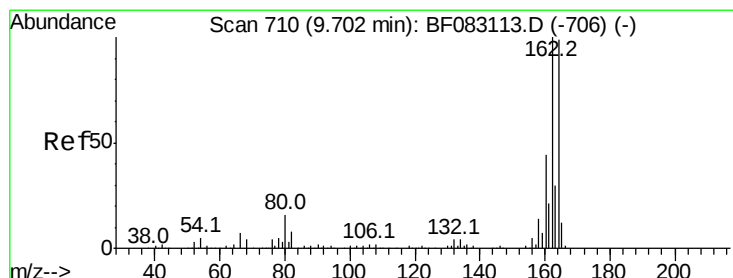
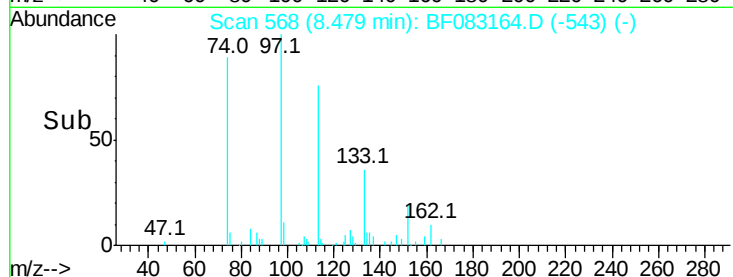
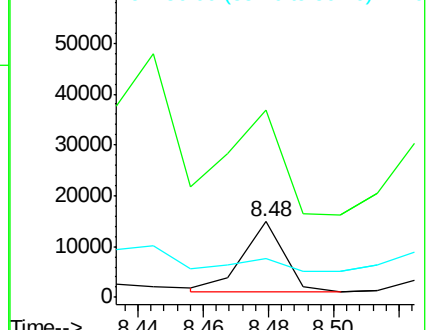
56 51.2 148.6 188.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

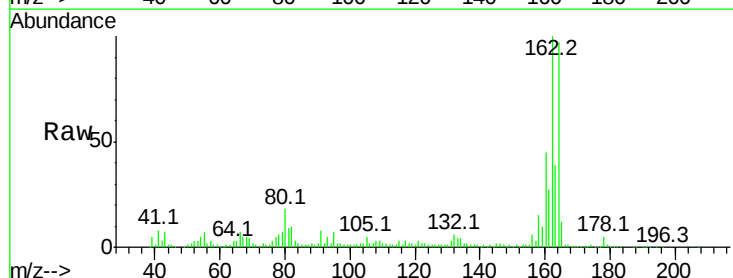
Tgt Ion:164 Resp: 377237

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

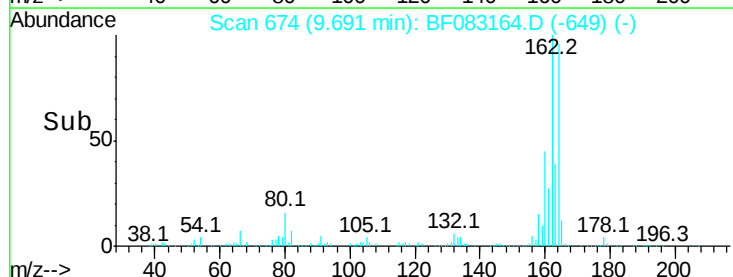
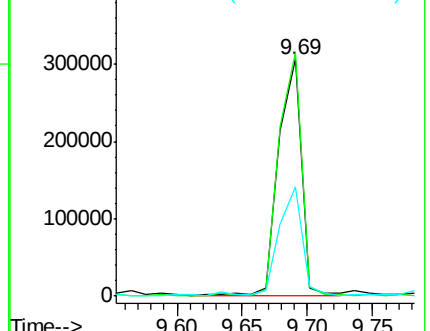
160 46.3 35.6 53.4

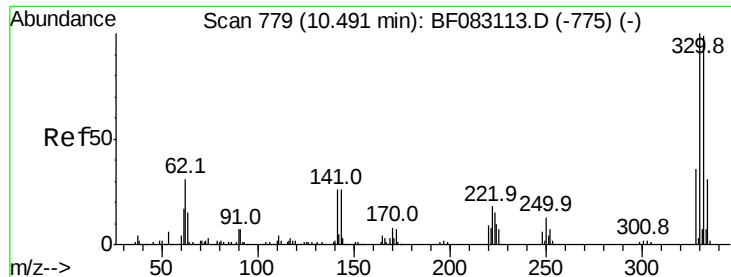


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

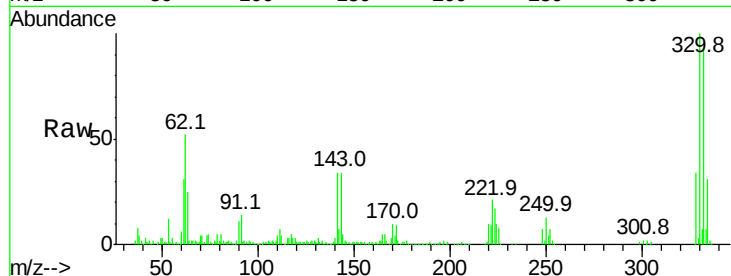




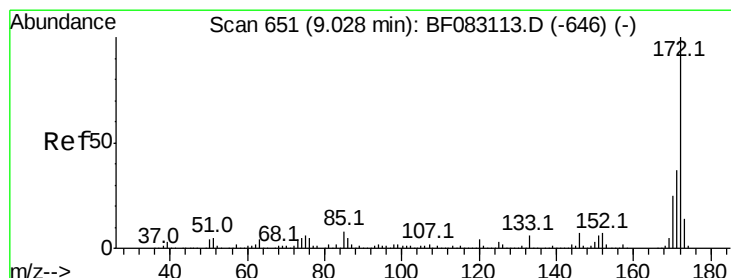
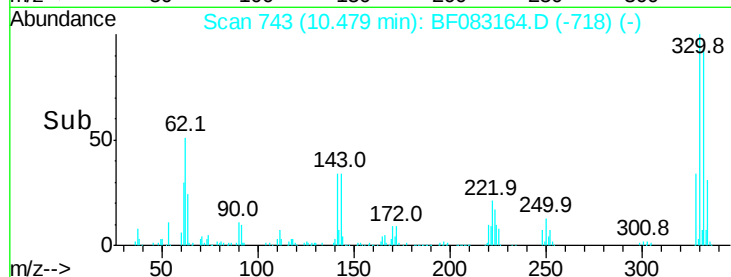
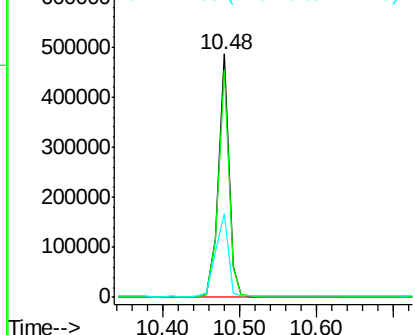
#41
 2,4,6-Tribromophenol
 Concen: 121.45 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083164.D
 Acq: 22 Nov 2015 17:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tot Ion:330 Resp: 468727
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.7 116.5
 141 40.4 29.7 44.5

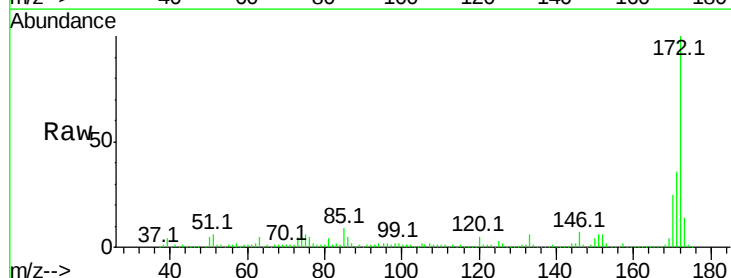


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

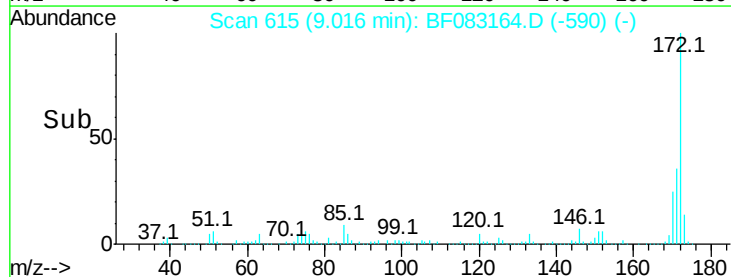
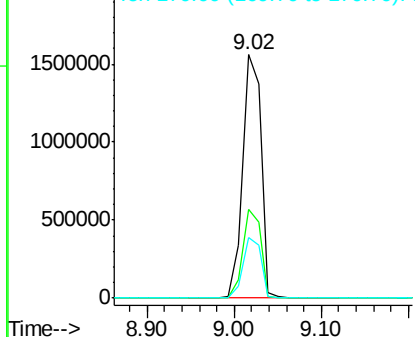


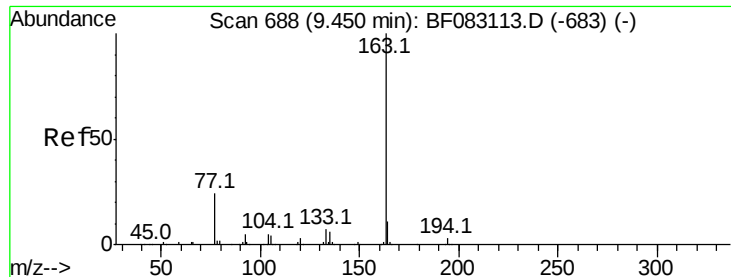
#44
 2-Fluorobiphenyl
 Concen: 84.74 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083164.D
 Acq: 22 Nov 2015 17:45

Tgt Ion:172 Resp: 2292459
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.8 19.9 29.9



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

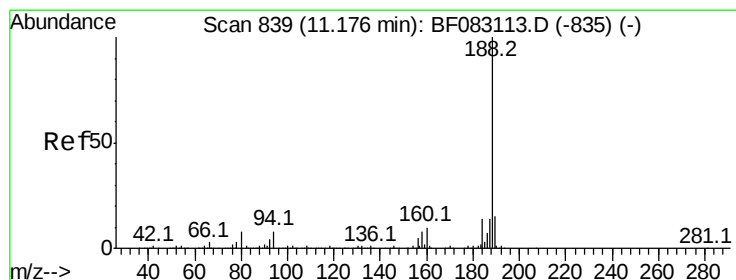
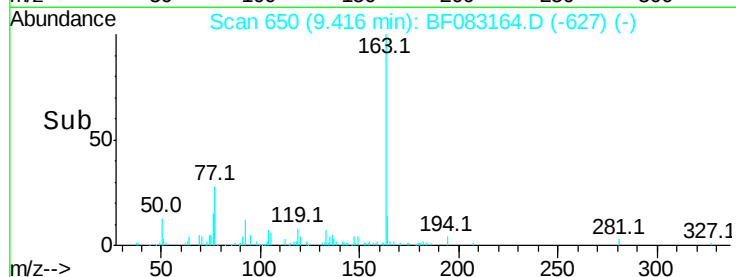
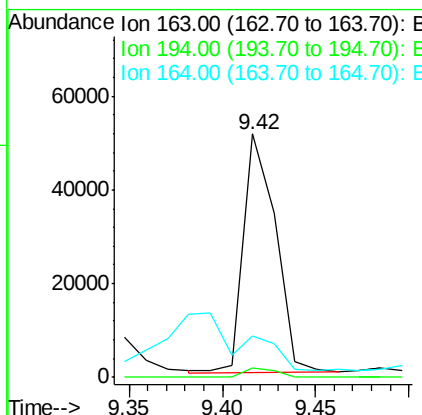
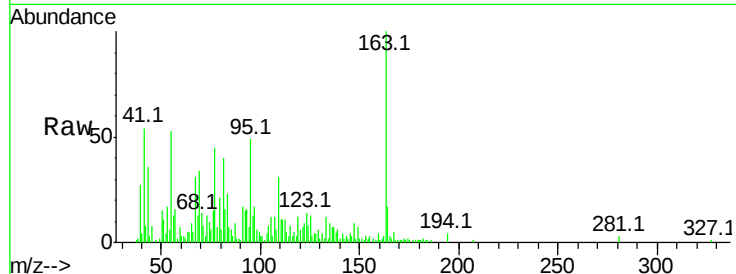




#49
Dimethylphthalate
Concen: 2.11 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083164.D
Acq: 22 Nov 2015 17:45

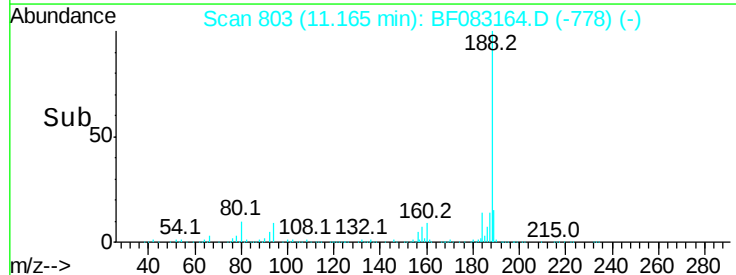
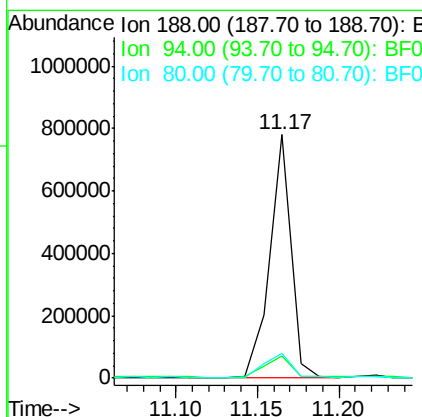
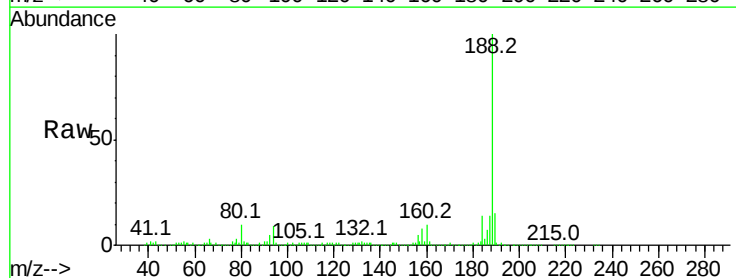
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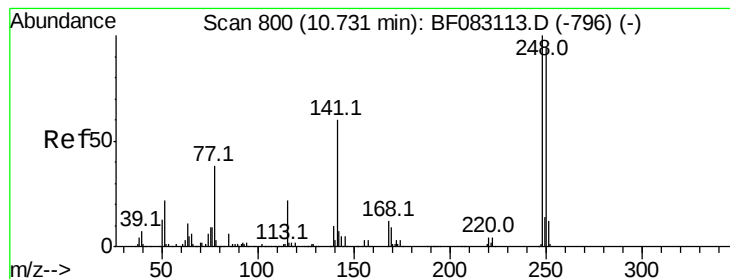
Tot Ion:163 Resp: 61403
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 16.8 8.6 12.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083164.D
Acq: 22 Nov 2015 17:45

Tgt Ion:188 Resp: 708761
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 10.3 6.7 10.1#





#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

Instrument :

BNA_F

ClientSampled :

MW-36

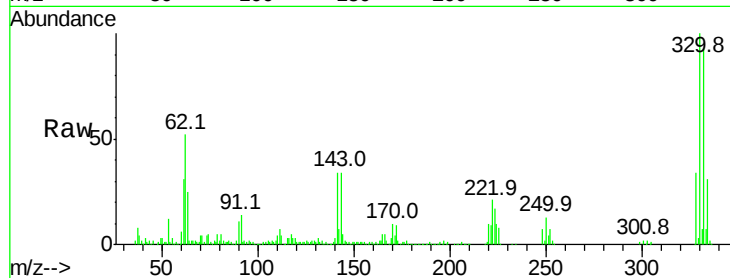
Tot Ion:248 Resp: 33529

Ion Ratio Lower Upper

248 100

250 193.1 75.4 113.2#

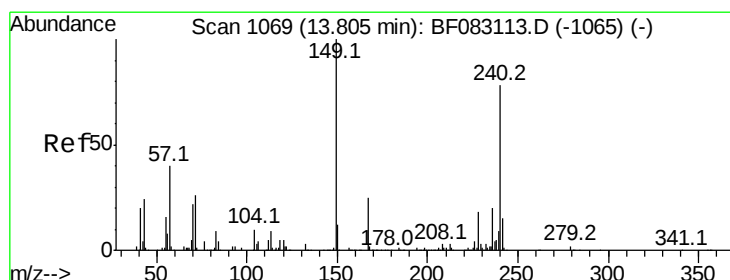
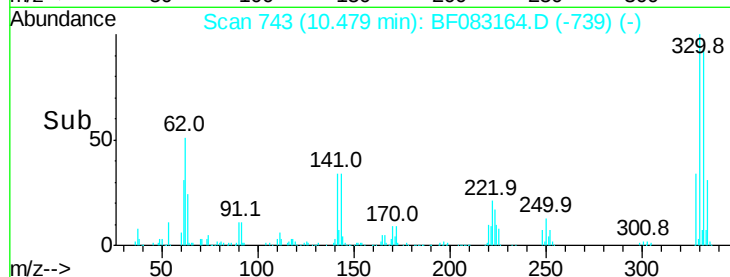
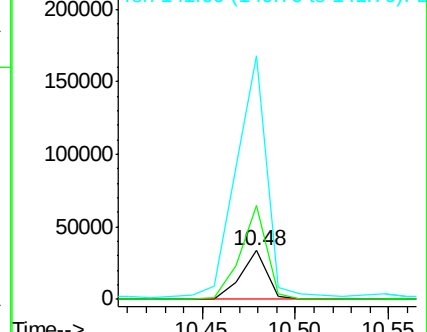
141 500.3 48.1 72.1#



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

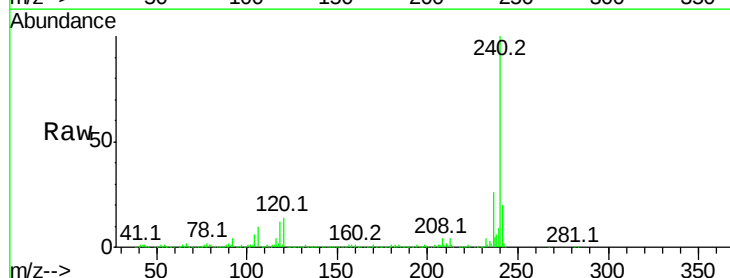
Tgt Ion:240 Resp: 573048

Ion Ratio Lower Upper

240 100

120 13.8 5.4 8.2#

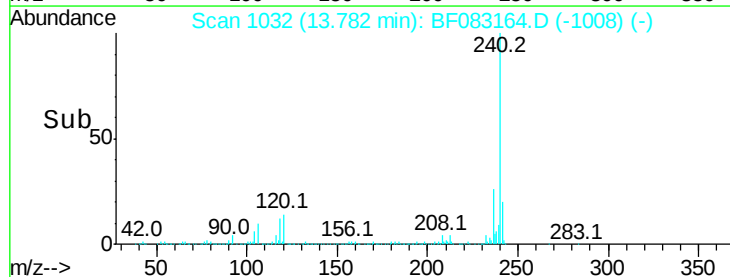
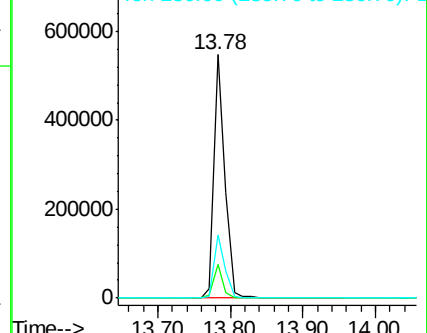
236 25.8 20.6 31.0

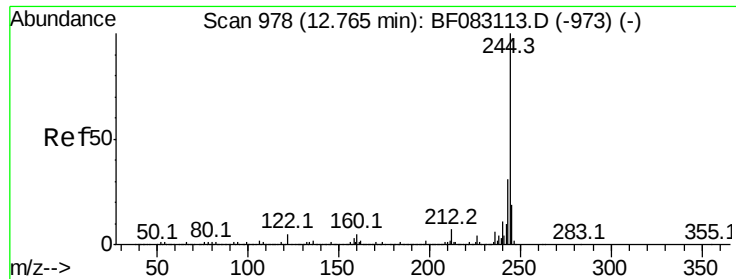


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.31 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

Instrument :

BNA_F

ClientSampled :

MW-36

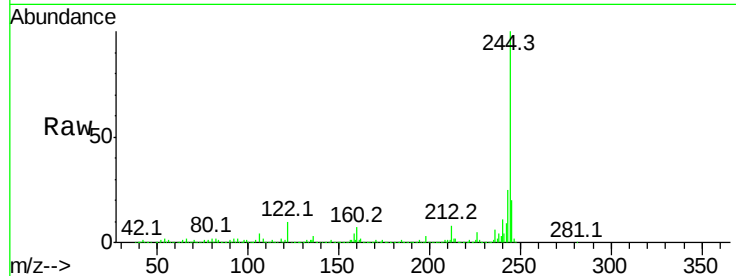
Tot Ion:244 Resp: 2149101

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

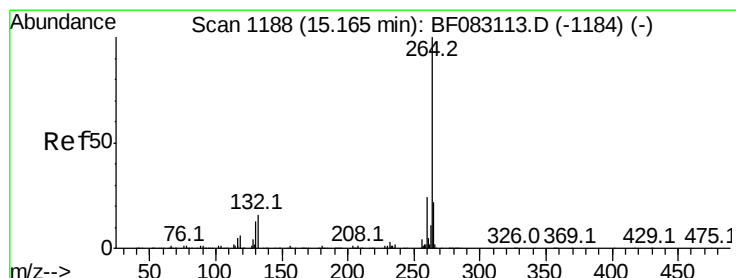
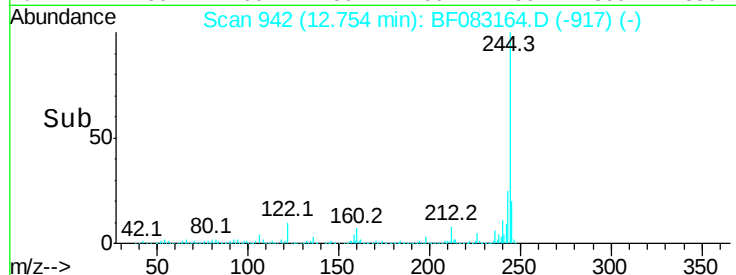
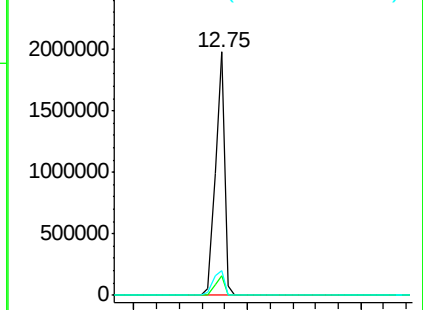
122 10.4 4.3 6.5#



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: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083164.D

Acq: 22 Nov 2015 17:45

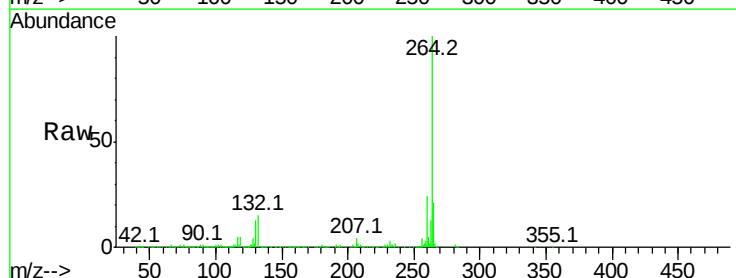
Tgt Ion:264 Resp: 484080

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.3 18.2 27.4



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

