

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083098.D
 Acq On : 21 Nov 2015 2:05
 Operator : UM/IZ
 Sample : G4506-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 04:13:51 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

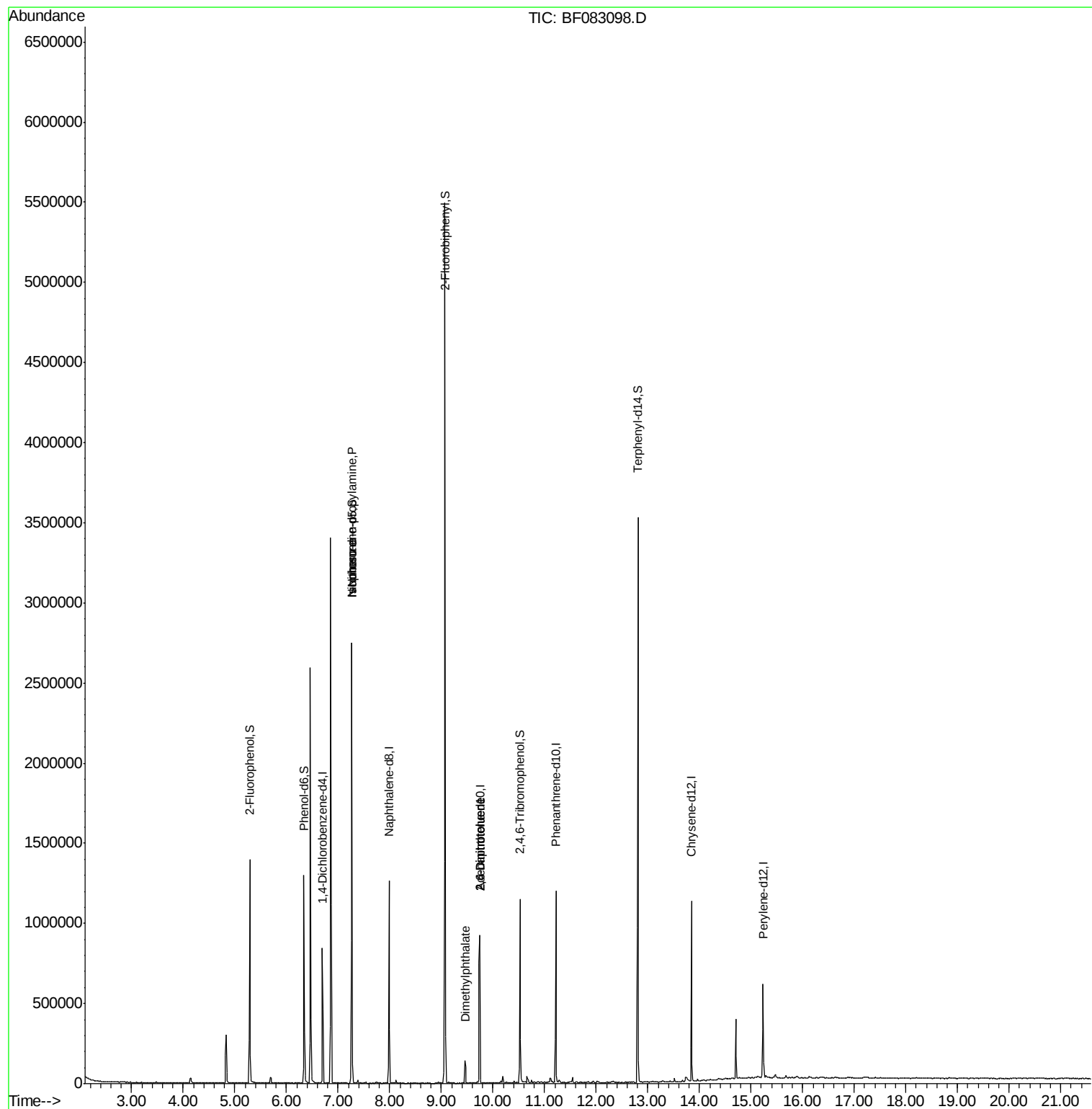
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	147384	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	558159	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	252456	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	433566	20.00	ng	0.00
75) Chrysene-d12	13.85	240	375621	20.00	ng	-0.01
86) Perylene-d12	15.23	264	271333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	372140	39.22	ng	0.00
7) Phenol-d6	6.34	99	309532	24.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	932300	76.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	117524	43.85	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1601073	85.41	ng	-0.01
78) Terphenyl-d14	12.81	244	1047116	65.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	125339	13.72	ng	# 75
25) Isophorone	7.26	82	703358	30.59	ng	# 69
49) Dimethylphthalate	9.47	163	77190	3.72	ng	97
50) 2,6-Dinitrotoluene	9.74	165	32447	7.24	ng	# 28
56) 2,4-Dinitrotoluene	9.74	165	32447	5.41	ng	# 20

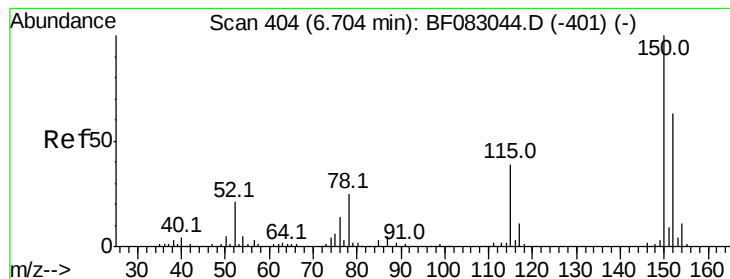
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083098.D

Acq: 21 Nov 2015 2:05

Instrument :

BNA_F

ClientSampled :

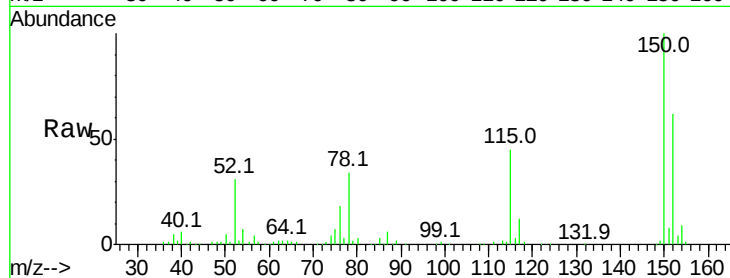
Tot Ion:152 Resp: 147384

Ion Ratio Lower Upper

152 100

150 162.0 126.4 189.6

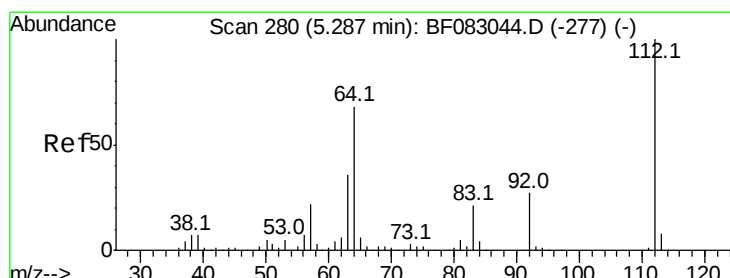
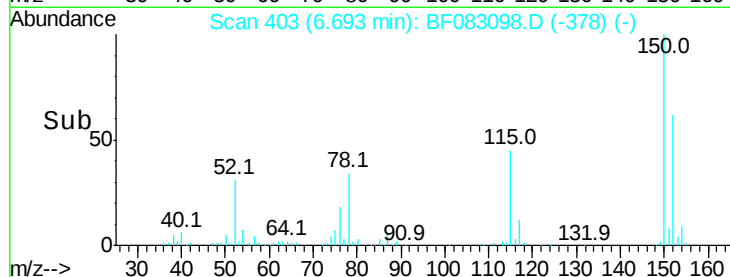
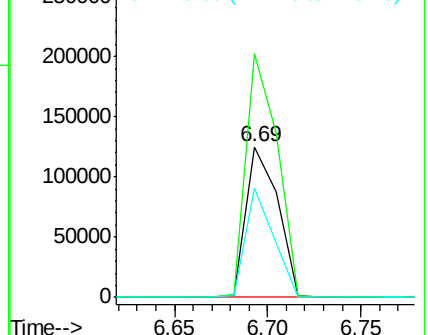
115 73.0 49.0 73.6



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: 39.22 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

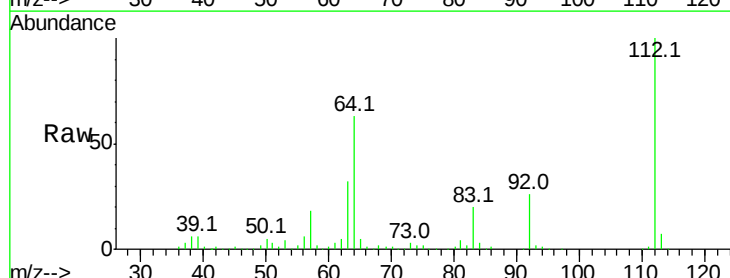
Tgt Ion:112 Resp: 372140

Ion Ratio Lower Upper

112 100

64 62.7 54.8 82.2

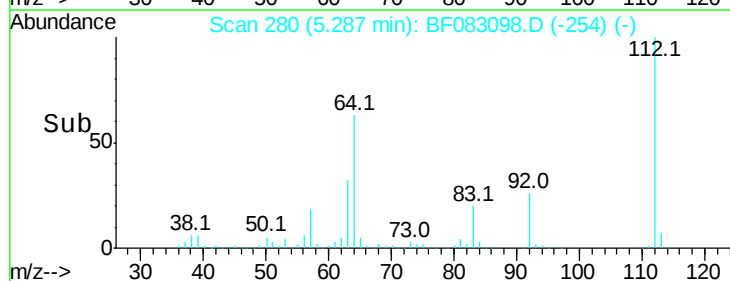
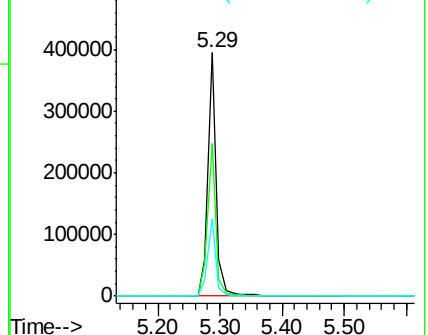
63 31.9 29.0 43.4

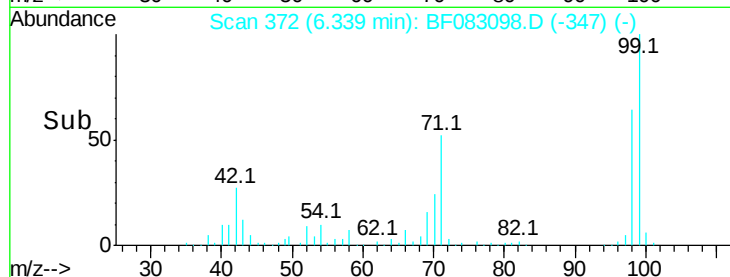
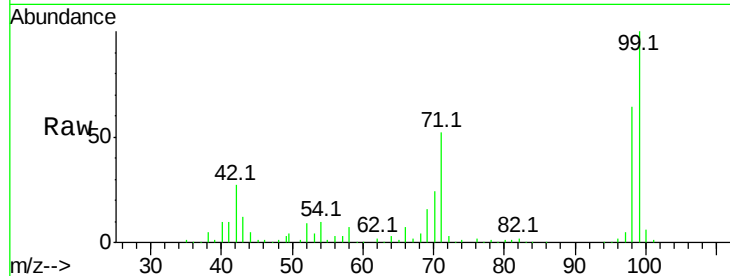
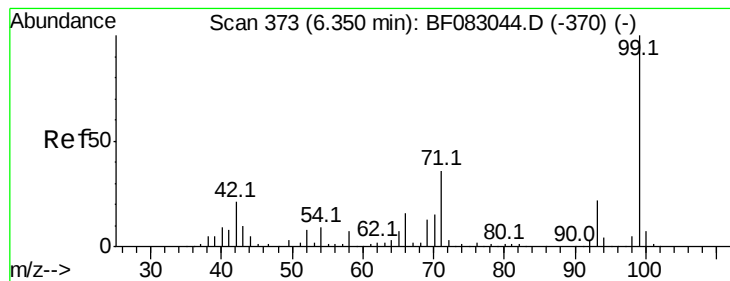


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.77 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

Instrument :

BNA_F

ClientSampleId :

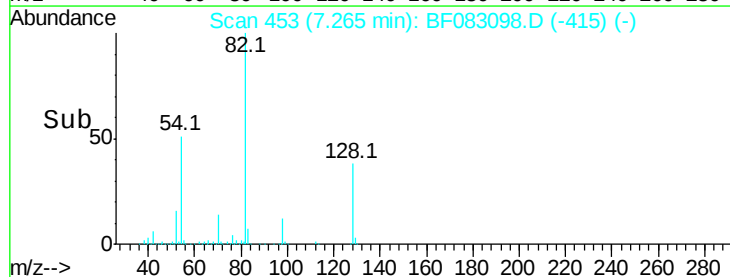
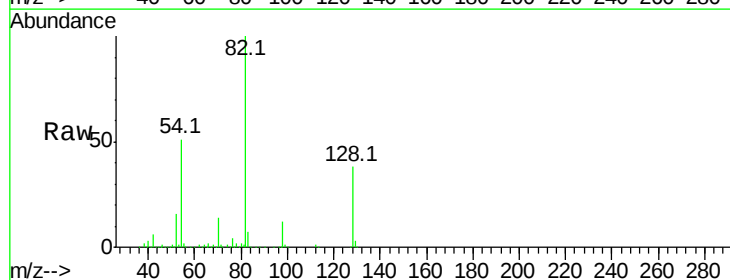
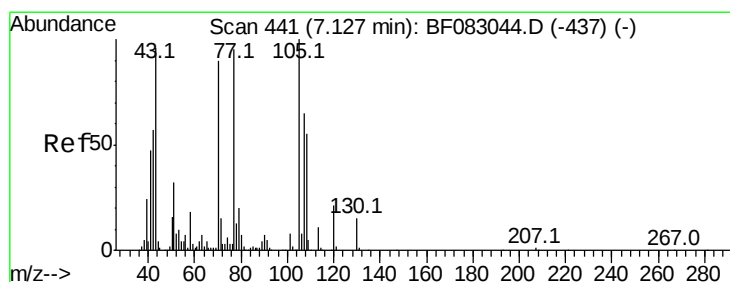
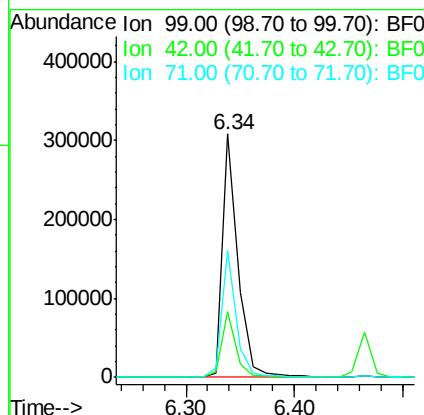
Tot Ion: 99 Resp: 309532

Ion Ratio Lower Upper

99 100

42 26.9 16.6 25.0#

71 52.1 29.2 43.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.72 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

Tgt Ion: 70 Resp: 125339

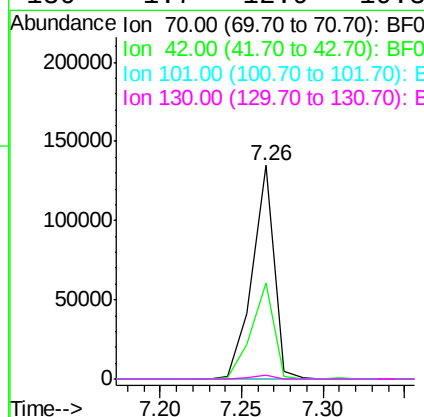
Ion Ratio Lower Upper

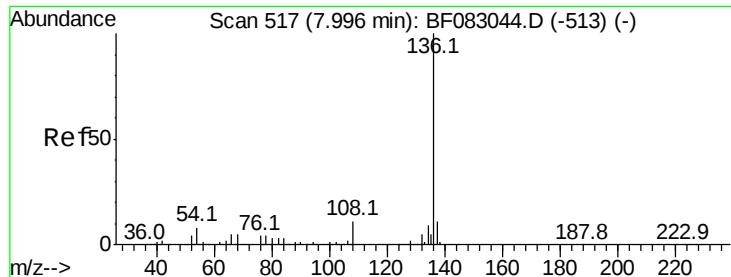
70 100

42 45.2 50.2 75.2#

101 0.0 6.8 10.2#

130 1.7 12.9 19.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 558159

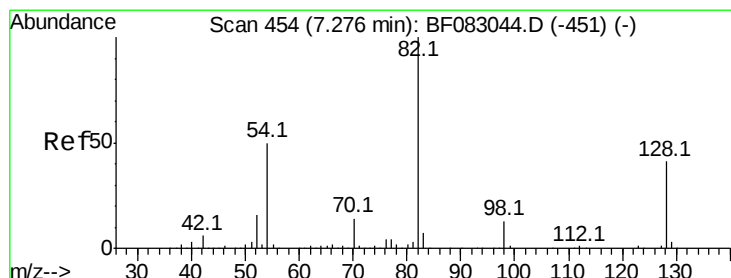
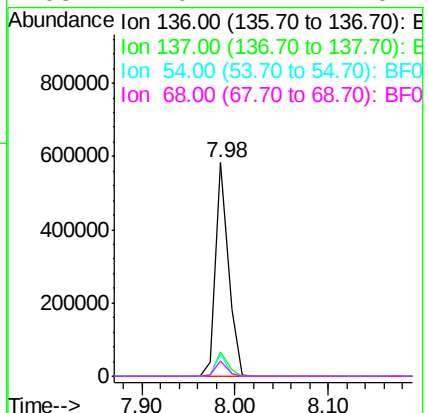
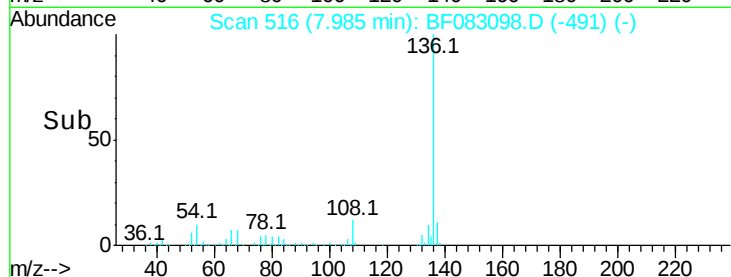
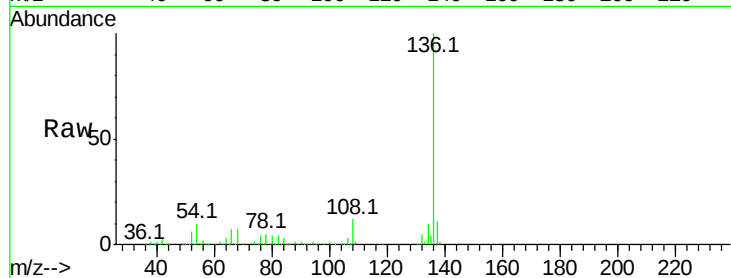
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 10.3 6.2 9.2#

68 7.0 4.2 6.2#



#23

Nitrobenzene-d5

Concen: 76.47 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

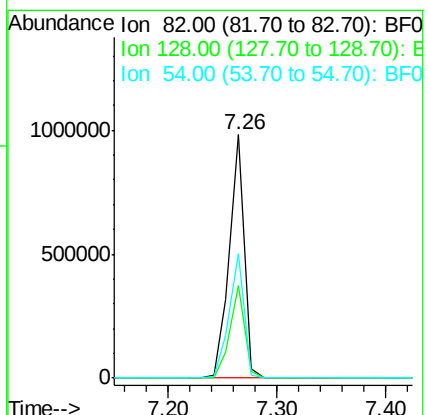
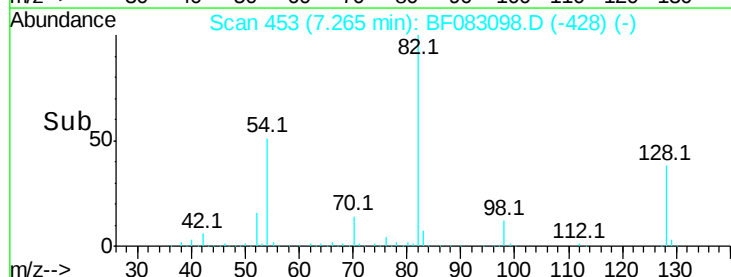
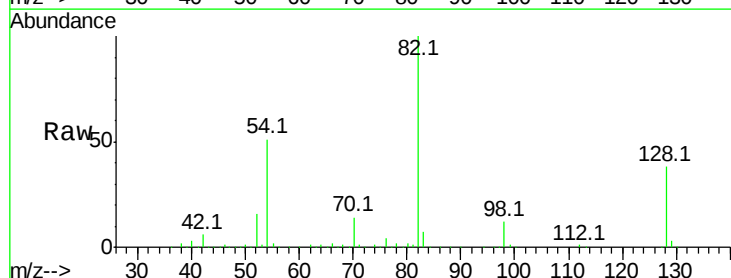
Tgt Ion: 82 Resp: 932300

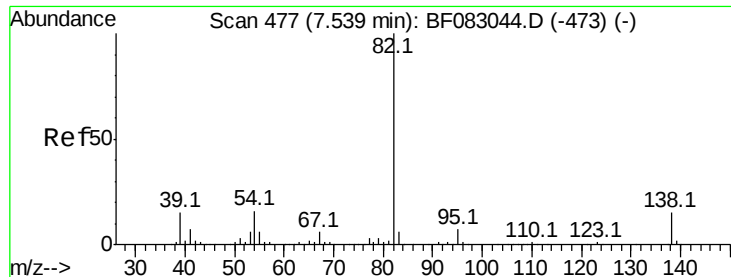
Ion Ratio Lower Upper

82 100

128 38.0 33.1 49.7

54 51.3 39.8 59.6

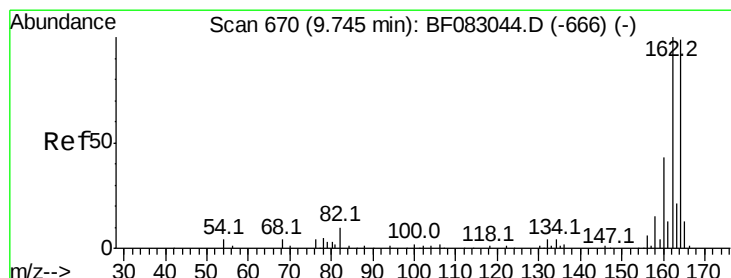
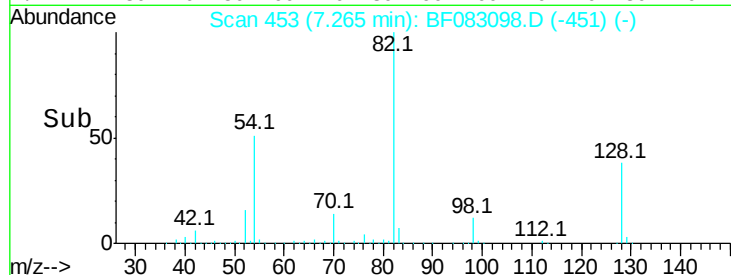
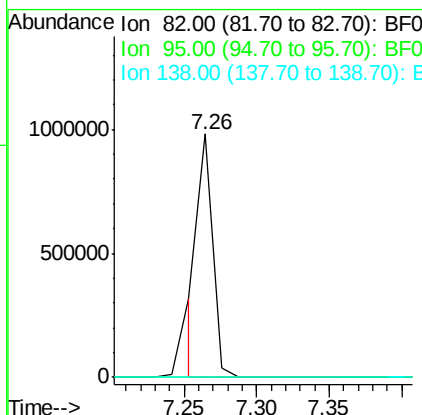
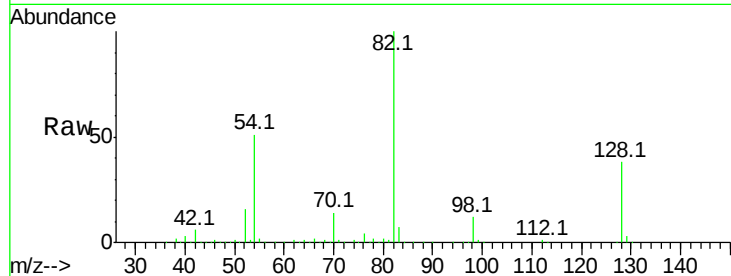




#25
Isophorone
Concen: 30.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083098.D
Acq: 21 Nov 2015 2:05

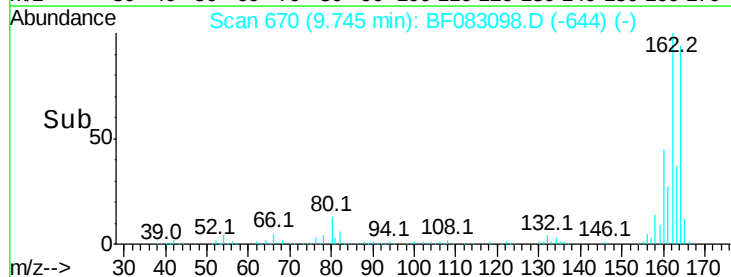
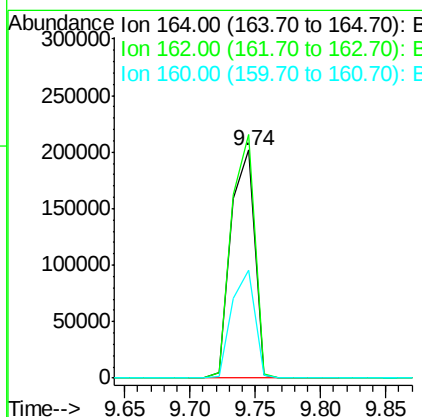
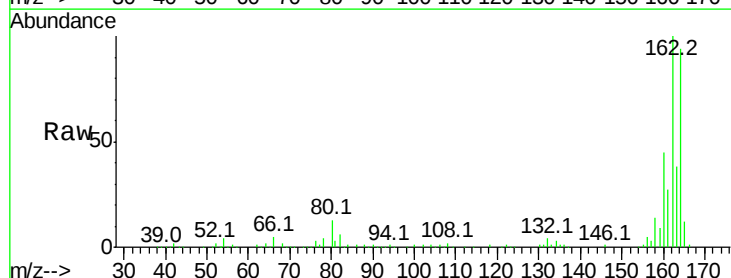
Instrument :
BNA_F
ClientSampleId :

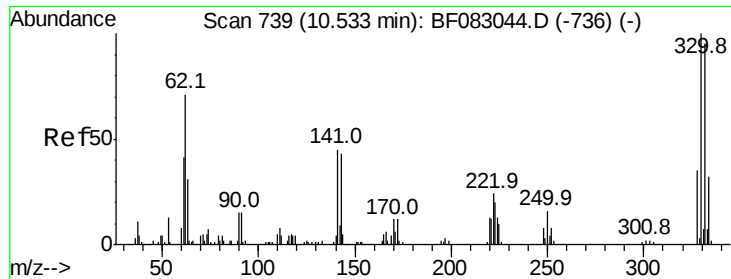
Tot Ion: 82 Resp: 703358
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 12.2 18.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083098.D
Acq: 21 Nov 2015 2:05

Tgt Ion:164 Resp: 252456
Ion Ratio Lower Upper
164 100
162 106.8 80.5 120.7
160 47.6 35.0 52.4

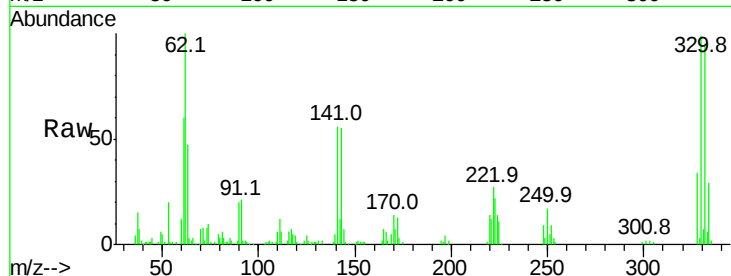




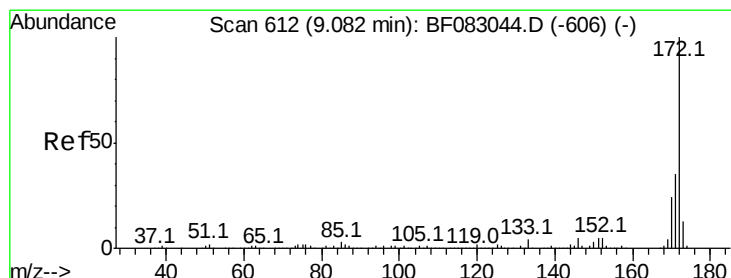
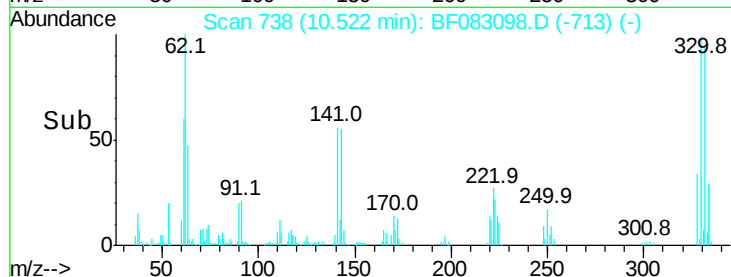
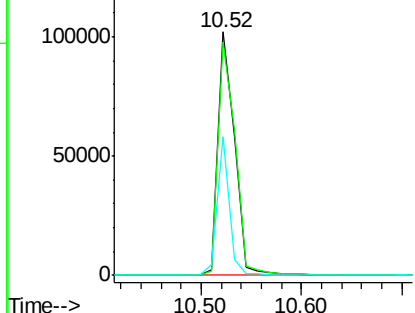
#41
 2,4,6-Tribromophenol
 Concen: 43.85 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083098.D
 Acq: 21 Nov 2015 2:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 117524
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.6 116.4
 141 41.5 34.6 52.0

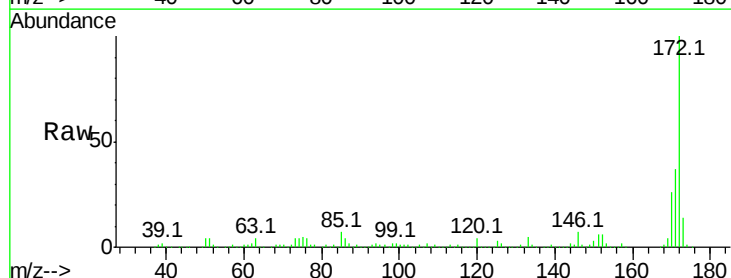


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

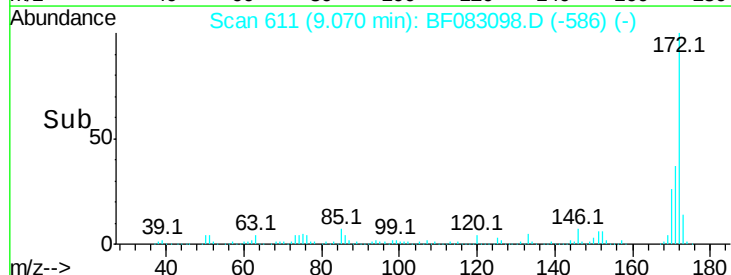
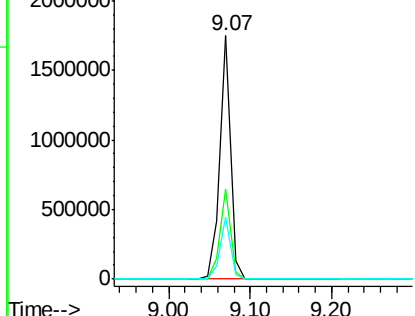


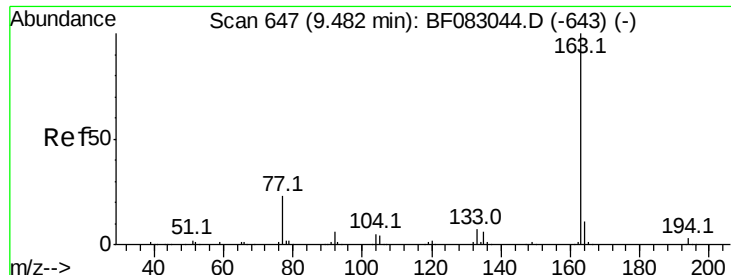
#44
 2-Fluorobiphenyl
 Concen: 85.41 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083098.D
 Acq: 21 Nov 2015 2:05

Tgt Ion:172 Resp: 1601073
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.2 42.4
 170 25.5 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

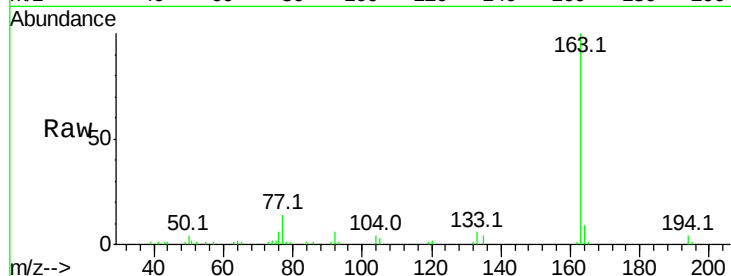




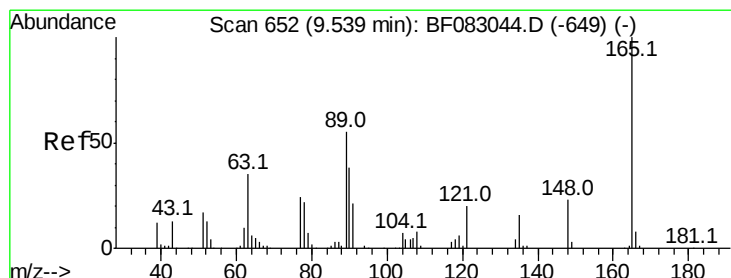
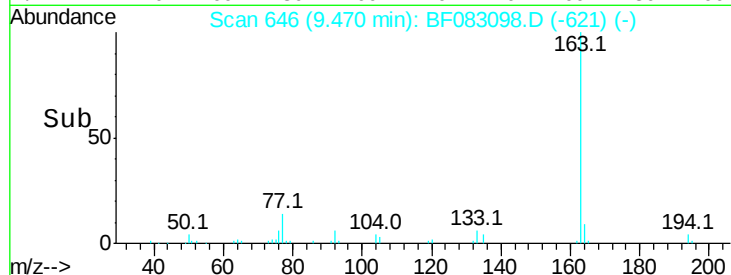
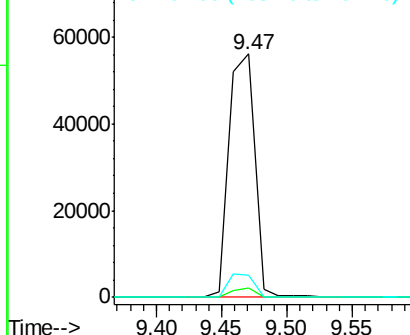
#49
Dimethylphthalate
Concen: 3.72 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083098.D
Acq: 21 Nov 2015 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 77190
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.2 8.5 12.7

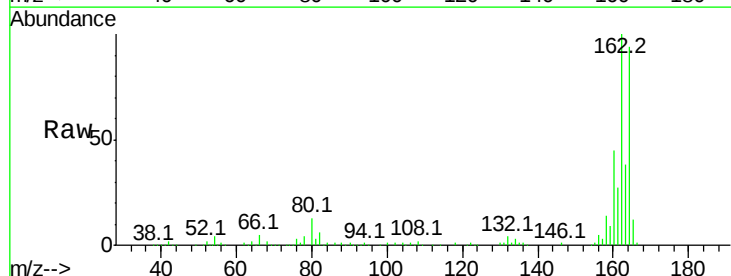


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

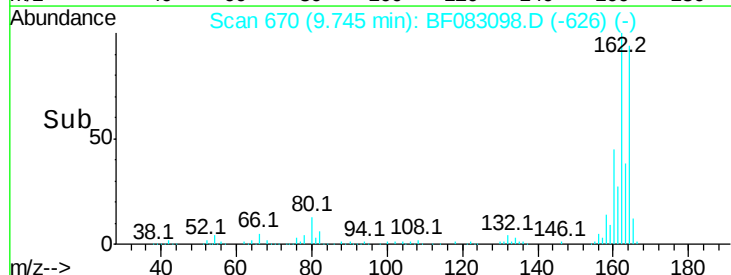
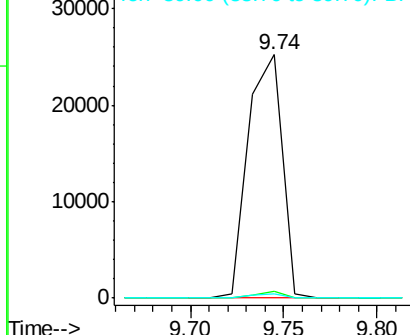


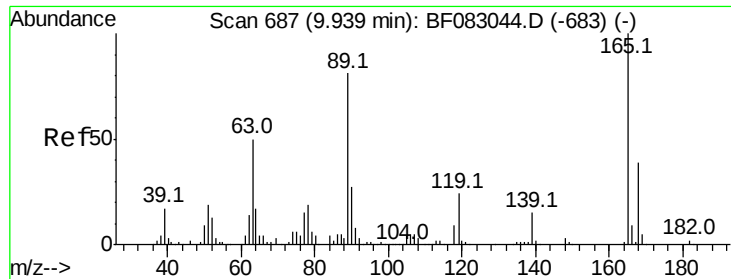
#50
2,6-Dinitrotoluene
Concen: 7.24 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.21 min
Lab File: BF083098.D
Acq: 21 Nov 2015 2:05

Tgt Ion:165 Resp: 32447
Ion Ratio Lower Upper
165 100
63 2.6 40.6 61.0#
89 1.6 44.5 66.7#



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

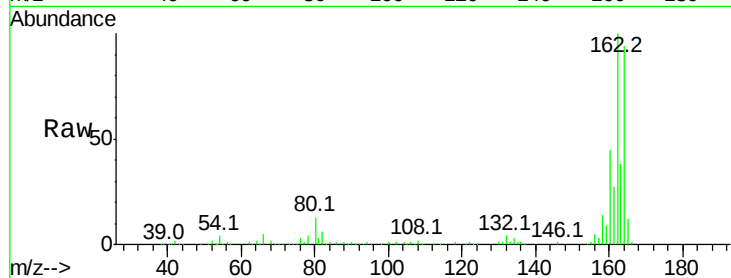




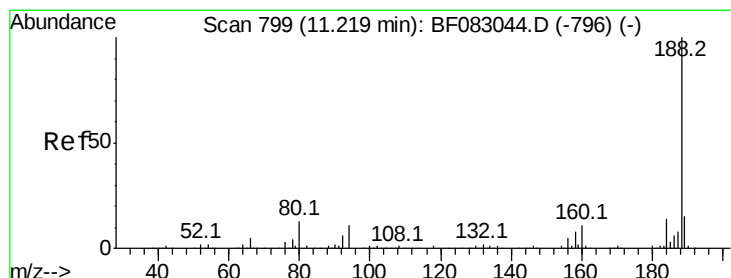
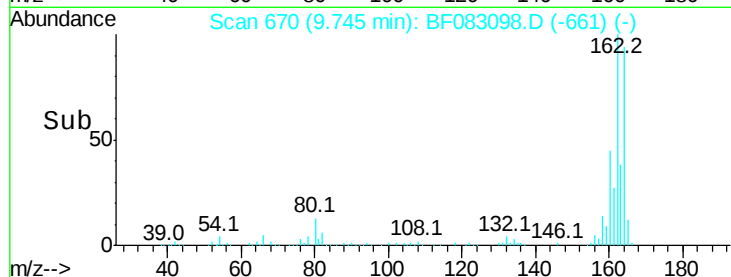
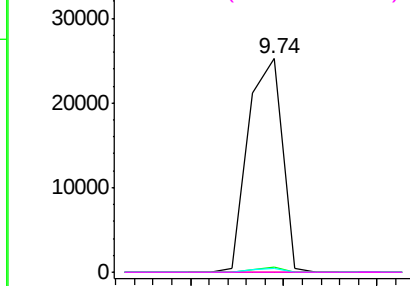
#56
 2,4-Dinitrotoluene
 Concen: 5.41 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.19 min
 Lab File: BF083098.D
 Acq: 21 Nov 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	32447
Ion Ratio	Lower	Upper
165 100		
63 2.6	40.6	61.0#
89 1.6	64.4	96.6#
182 0.0	1.6	2.4#

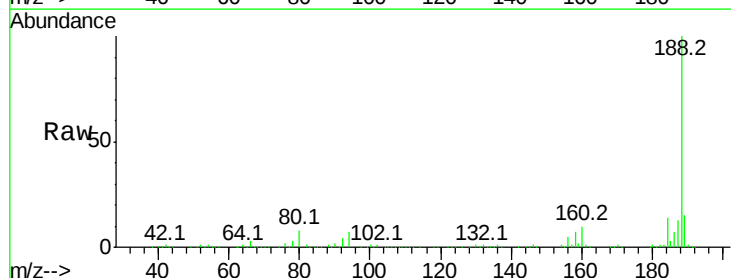


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

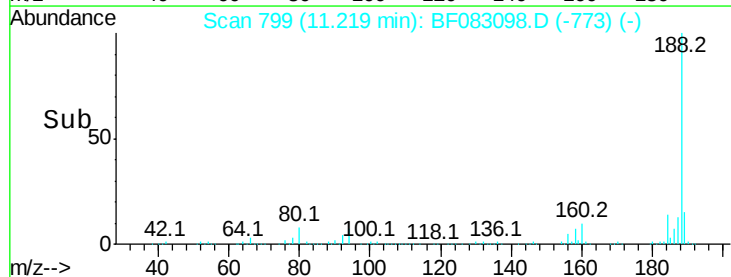
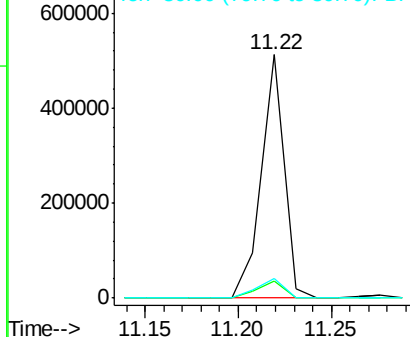


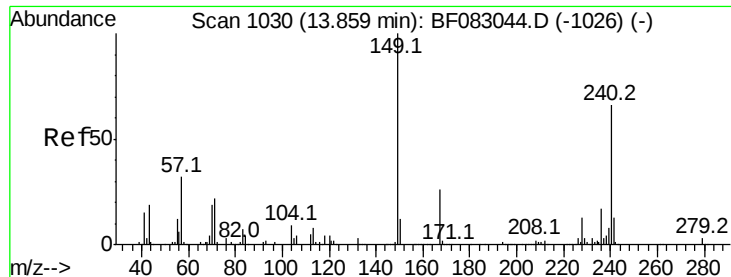
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083098.D
 Acq: 21 Nov 2015 2:05

Tgt Ion:188	Resp:	433566
Ion Ratio	Lower	Upper
188 100		
94 7.2	9.0	13.4#
80 7.9	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

Instrument :

BNA_F

ClientSampled :

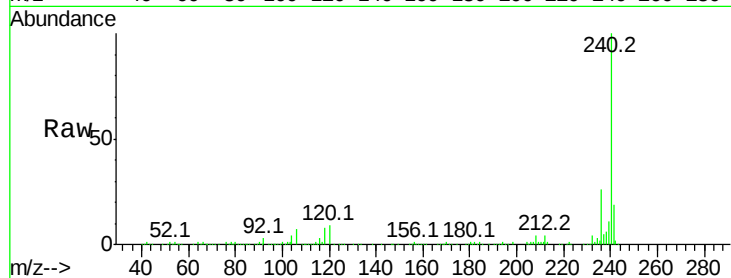
Tot Ion:240 Resp: 375621

Ion Ratio Lower Upper

240 100

120 8.8 5.3 7.9#

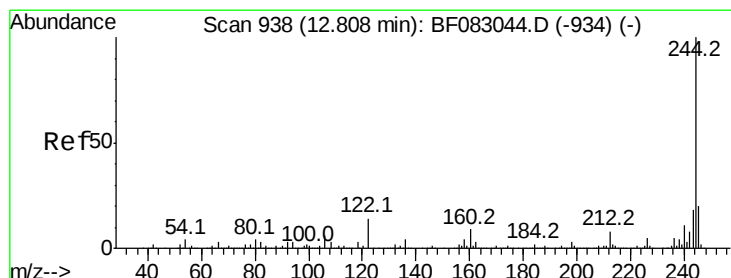
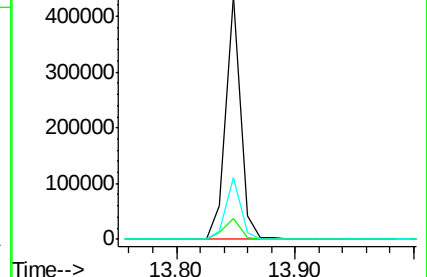
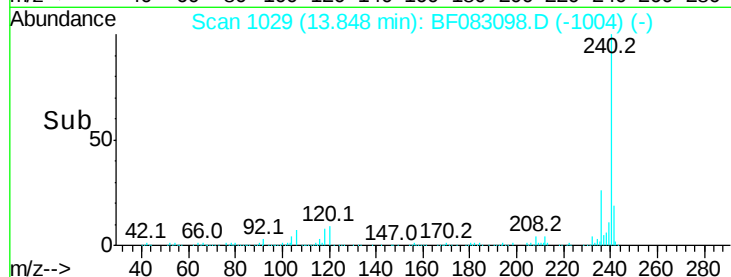
236 25.6 20.4 30.6



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: 65.81 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083098.D

Acq: 21 Nov 2015 2:05

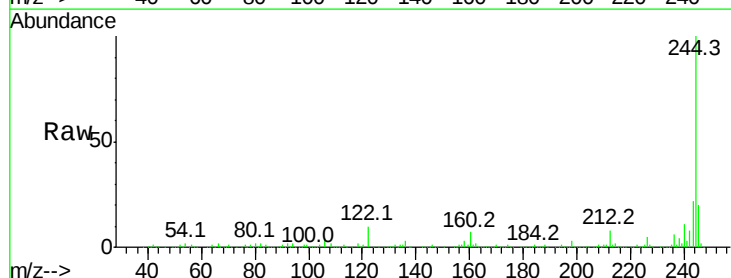
Tgt Ion:244 Resp: 1047116

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

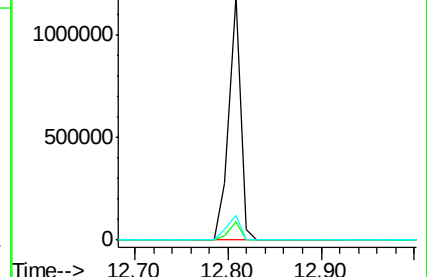
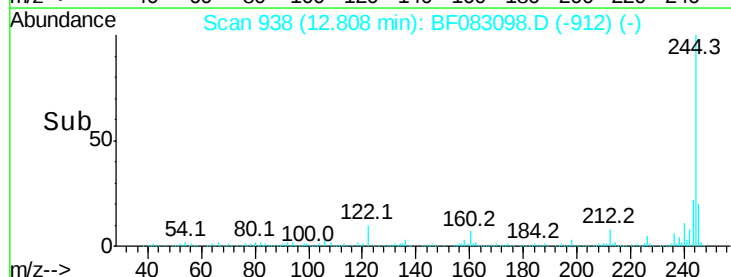
122 10.3 10.9 16.3#

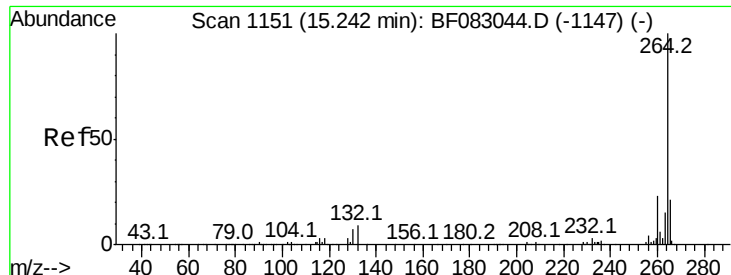


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

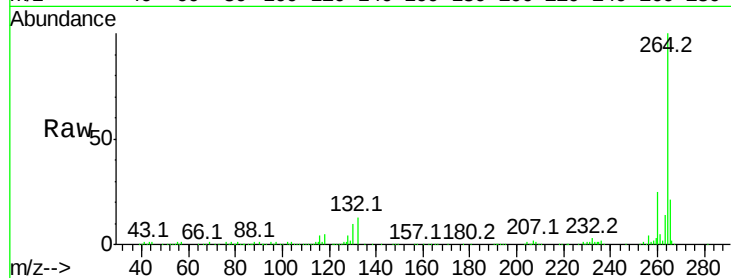




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083098.D
 Acq: 21 Nov 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.2	17.0	25.6



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

