

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083097.D
 Acq On : 21 Nov 2015 1:35
 Operator : UM/IZ
 Sample : G4488-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 04:13:38 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

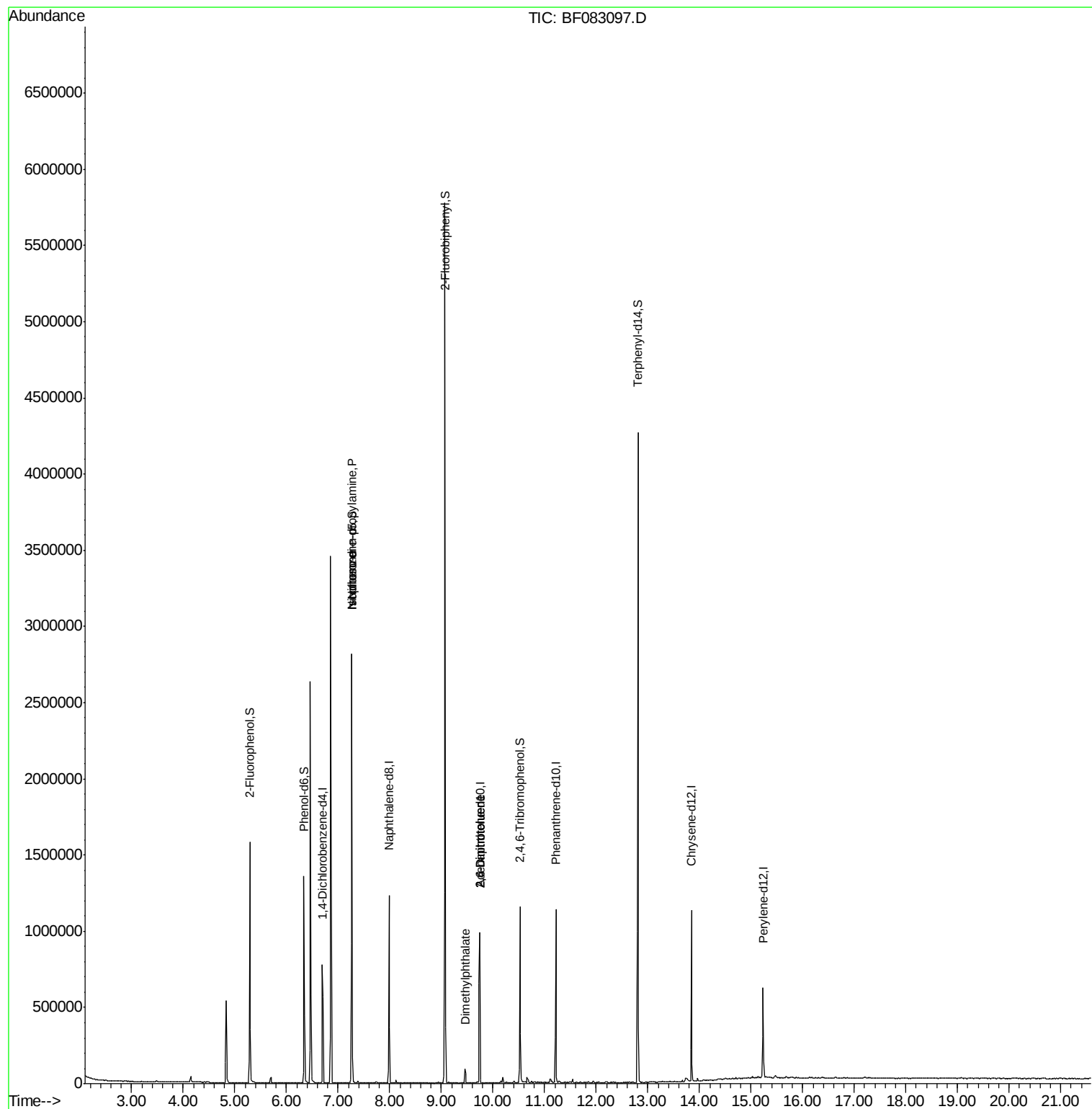
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151717	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	556096	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	252413	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	414946	20.00	ng	0.00
75) Chrysene-d12	13.85	240	373443	20.00	ng	-0.01
86) Perylene-d12	15.23	264	268096	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	417572	42.75	ng	0.00
7) Phenol-d6	6.34	99	345289	26.84	ng	-0.01
23) Nitrobenzene-d5	7.26	82	959313	78.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	123734	46.17	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1636758	87.33	ng	-0.01
78) Terphenyl-d14	12.81	244	1254882	79.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	129699	13.80	ng	# 76
25) Isophorone	7.26	82	724325	31.61	ng	# 69
49) Dimethylphthalate	9.46	163	48906	2.35	ng	# 97
50) 2,6-Dinitrotoluene	9.74	165	31292	6.99	ng	# 28
56) 2,4-Dinitrotoluene	9.74	165	31292	5.22	ng	# 20

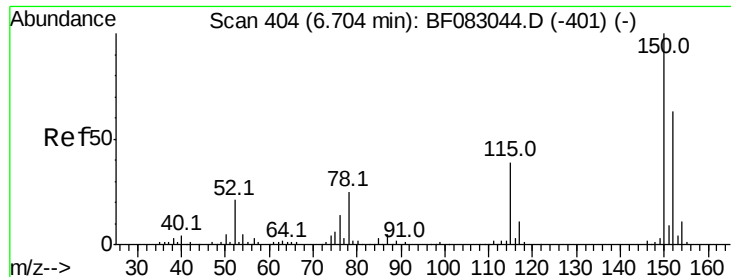
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083097.D

Acq: 21 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

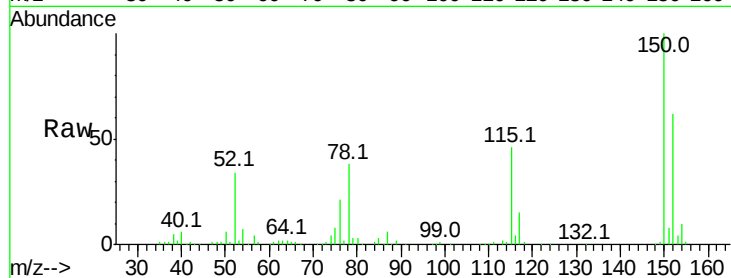
Tot Ion:152 Resp: 151717

Ion Ratio Lower Upper

152 100

150 161.3 126.4 189.6

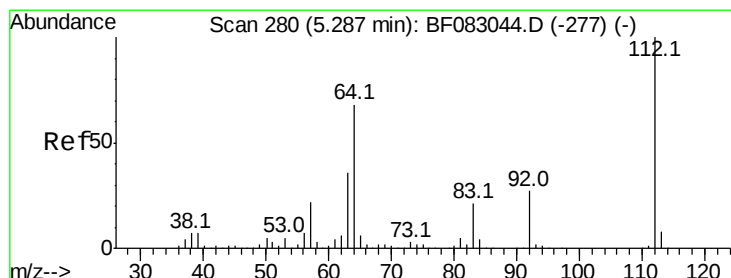
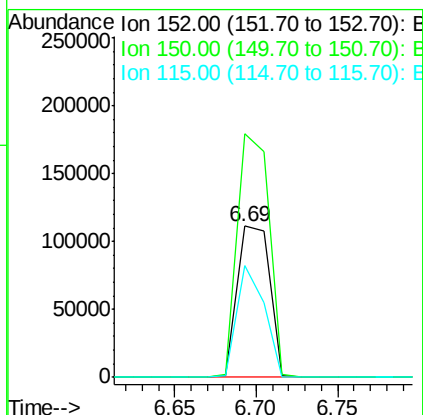
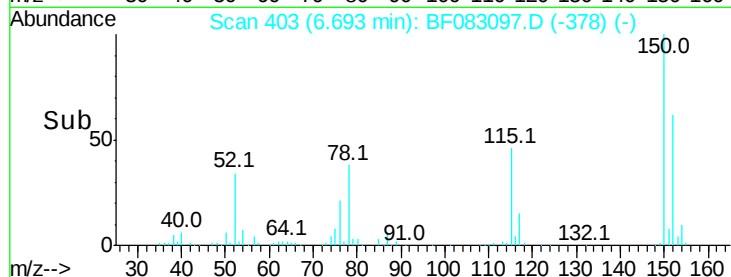
115 73.7 49.0 73.6#



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: 42.75 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

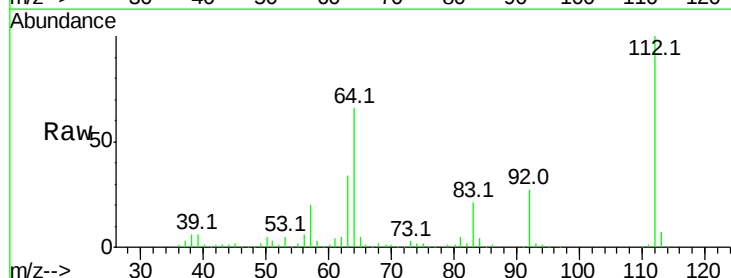
Tgt Ion:112 Resp: 417572

Ion Ratio Lower Upper

112 100

64 66.4 54.8 82.2

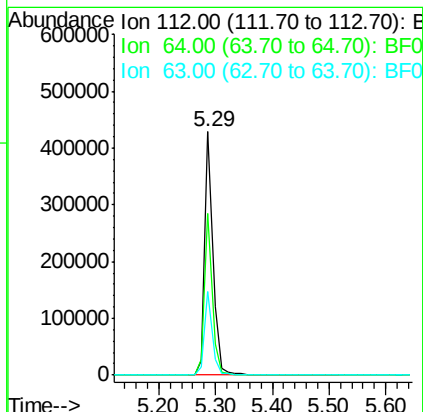
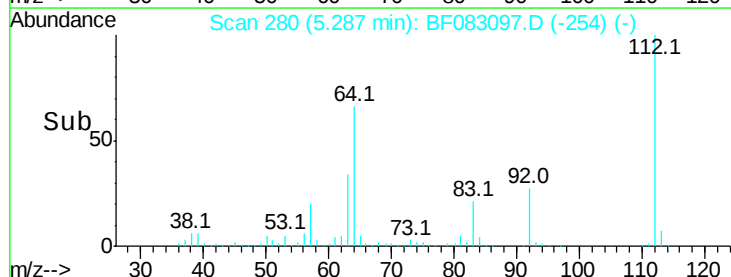
63 34.1 29.0 43.4

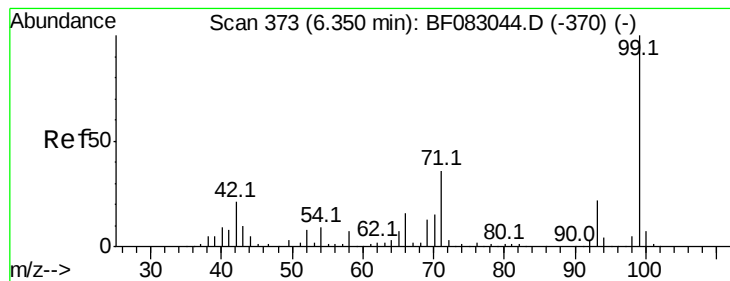


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.84 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

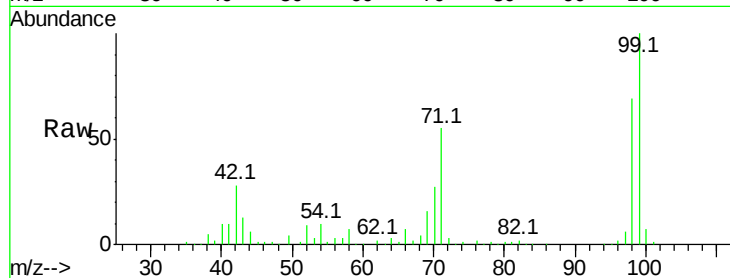
Tot Ion: 99 Resp: 345289

Ion Ratio Lower Upper

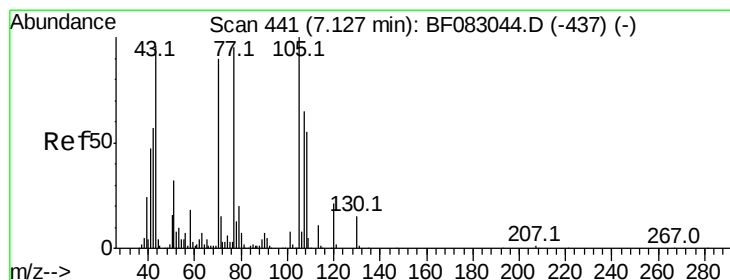
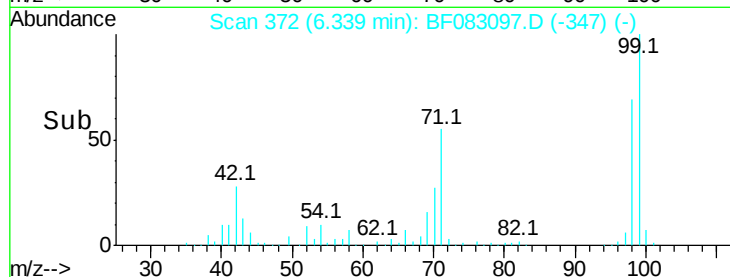
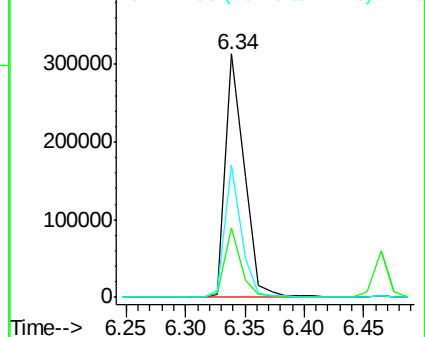
99 100

42 28.4 16.6 25.0#

71 54.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.80 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

Tgt Ion: 70 Resp: 129699

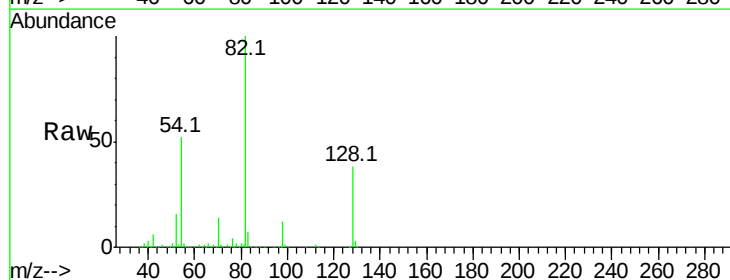
Ion Ratio Lower Upper

70 100

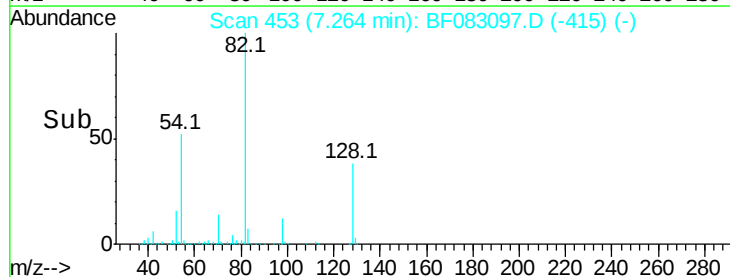
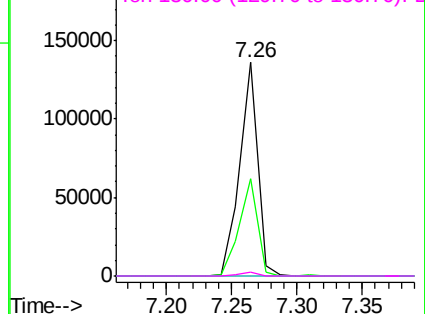
42 45.6 50.2 75.2#

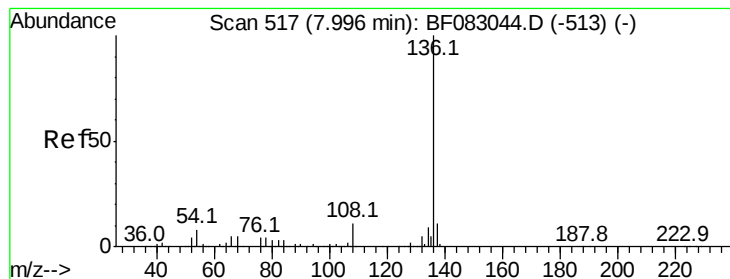
101 0.0 6.8 10.2#

130 1.9 12.9 19.3#



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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 556096

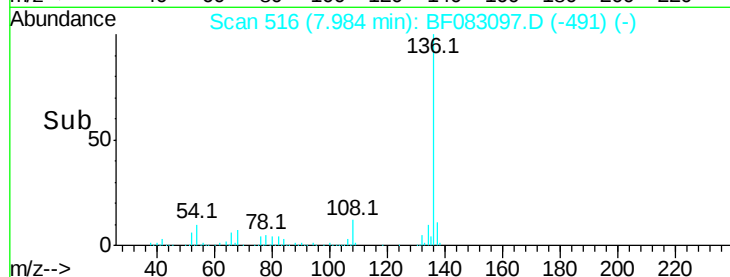
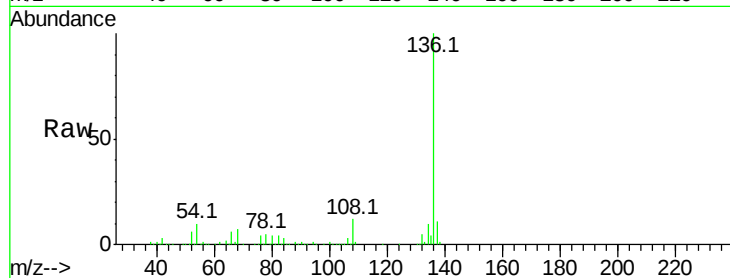
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 10.2 6.2 9.2#

68 6.8 4.2 6.2#

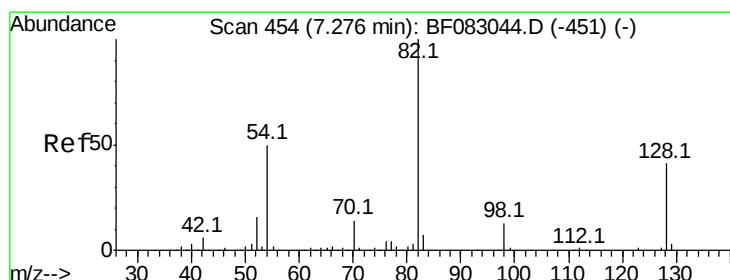
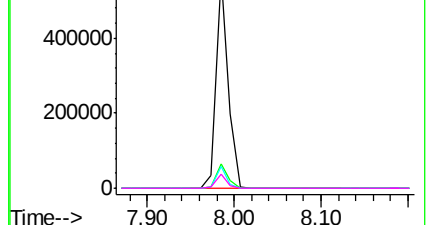


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.98 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

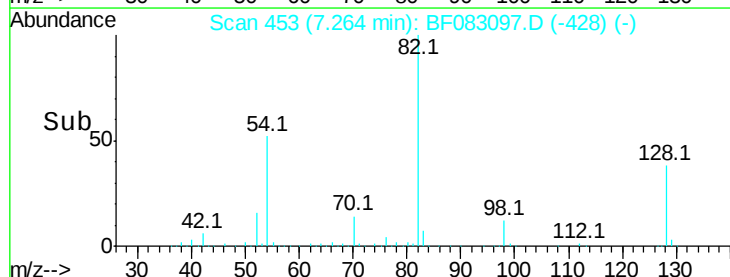
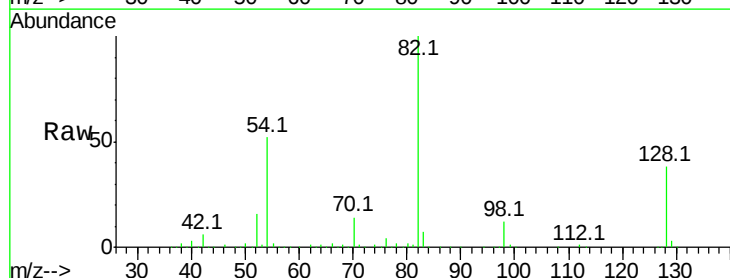
Tgt Ion: 82 Resp: 959313

Ion Ratio Lower Upper

82 100

128 37.8 33.1 49.7

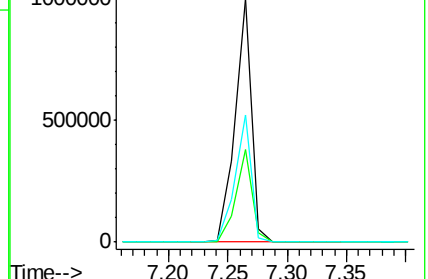
54 52.4 39.8 59.6

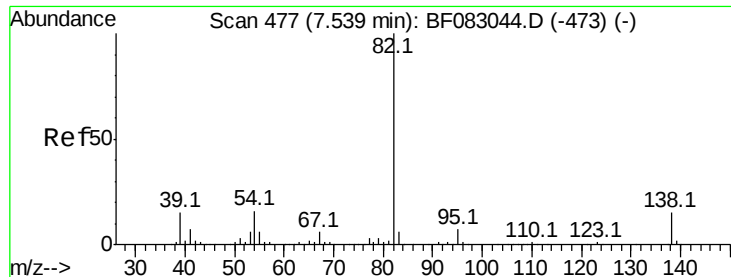


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.61 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.27 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

Instrument :

BNA_F

ClientSampled :

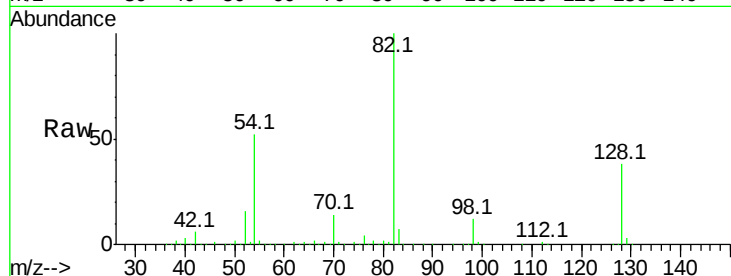
Tot Ion: 82 Resp: 724325

Ion Ratio Lower Upper

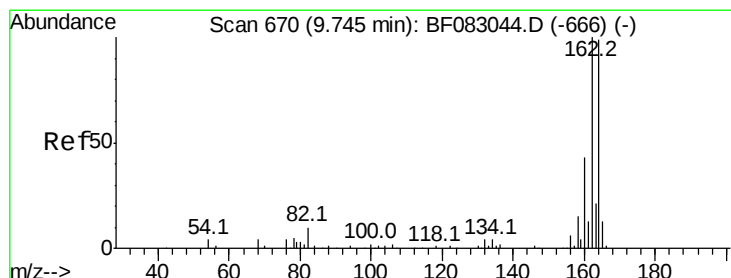
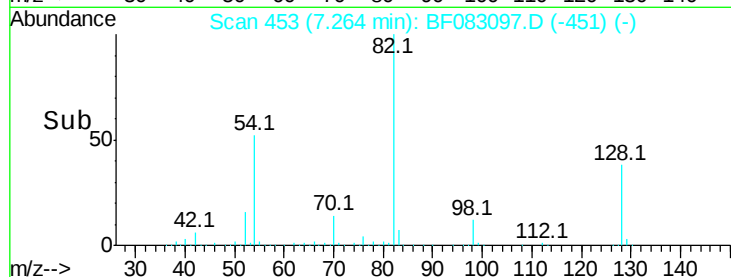
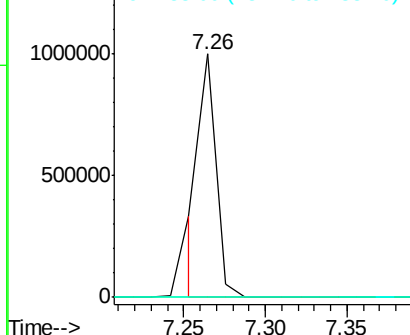
82 100

95 0.0 5.7 8.5#

138 0.0 12.2 18.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

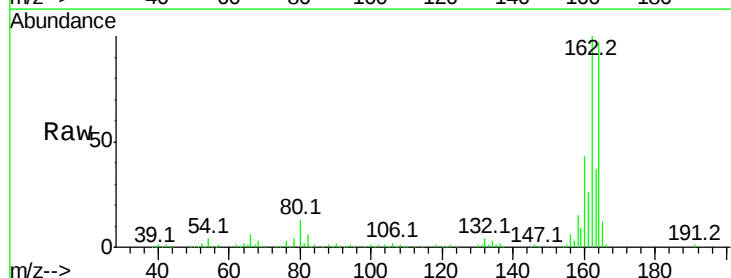
Tgt Ion:164 Resp: 252413

Ion Ratio Lower Upper

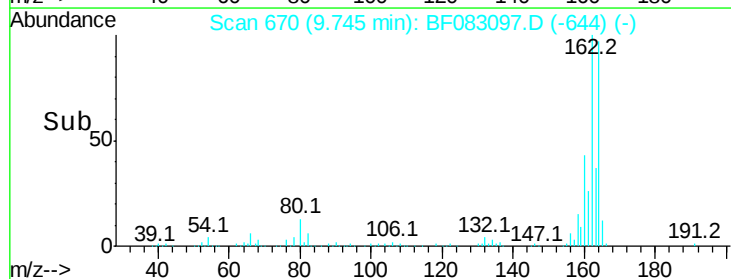
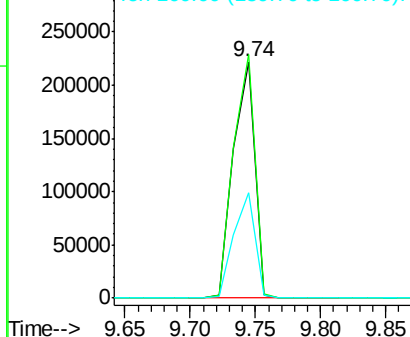
164 100

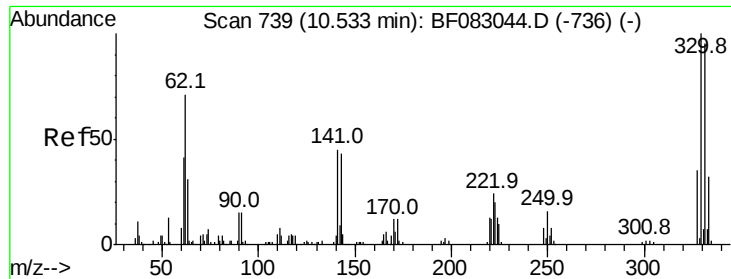
162 103.2 80.5 120.7

160 44.7 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

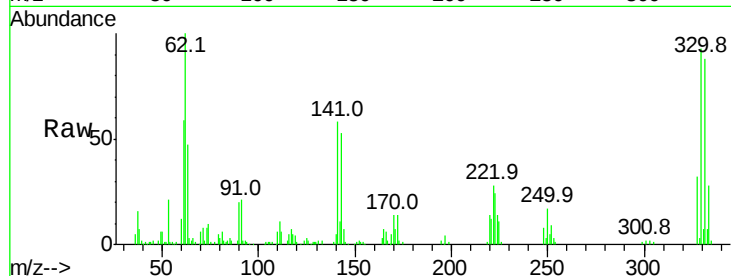




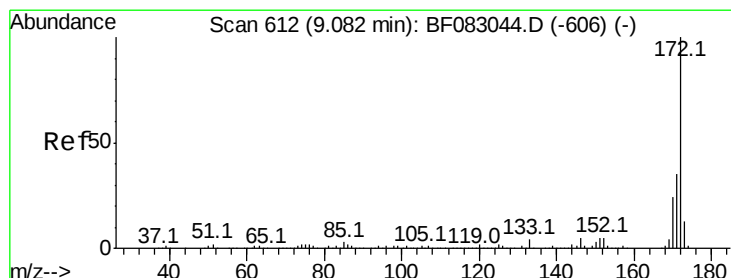
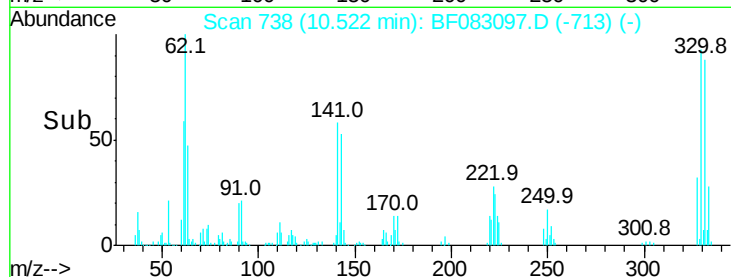
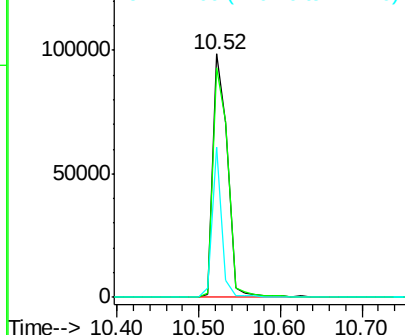
#41
 2,4,6-Tribromophenol
 Concen: 46.17 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083097.D
 Acq: 21 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 123734
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.6 116.4
 141 41.4 34.6 52.0

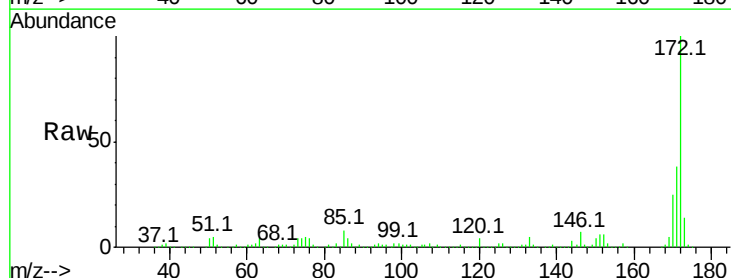


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

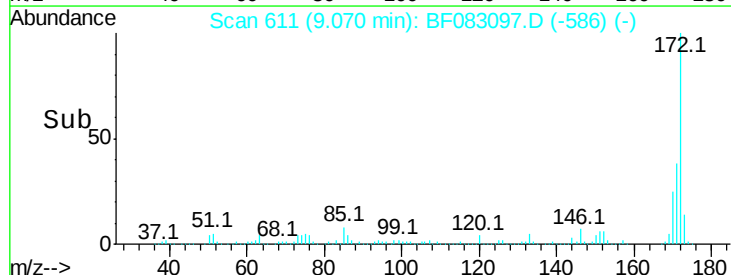
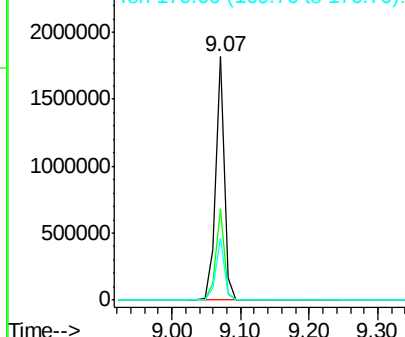


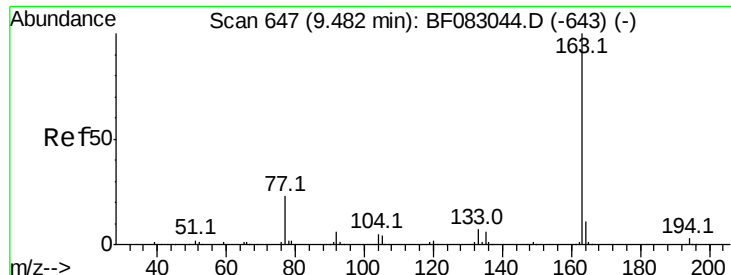
#44
 2-Fluorobiphenyl
 Concen: 87.33 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083097.D
 Acq: 21 Nov 2015 1:35

Tgt Ion:172 Resp: 1636758
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.2 42.4
 170 25.2 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

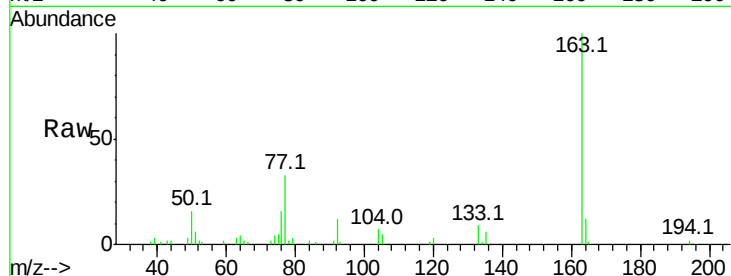




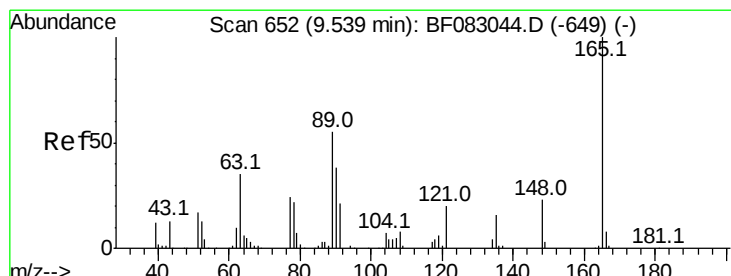
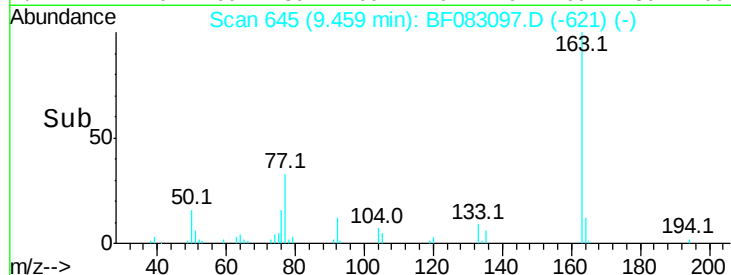
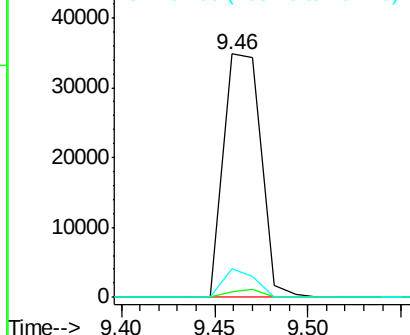
#49
Dimethylphthalate
Concen: 2.35 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF083097.D
Acq: 21 Nov 2015 1:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 48906
Ion Ratio Lower Upper
163 100
194 2.4 2.7 4.1#
164 11.5 8.5 12.7

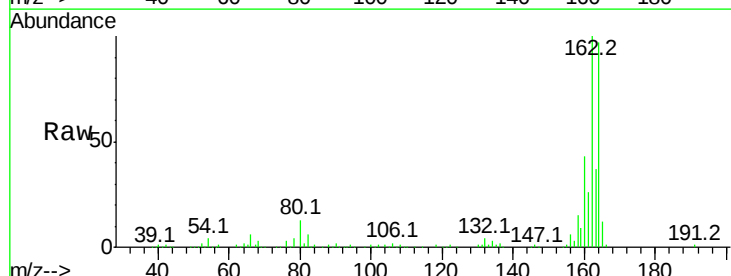


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

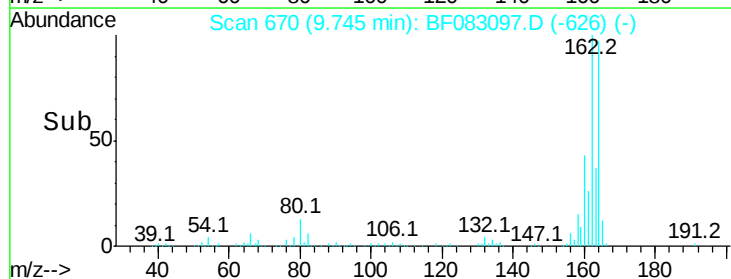
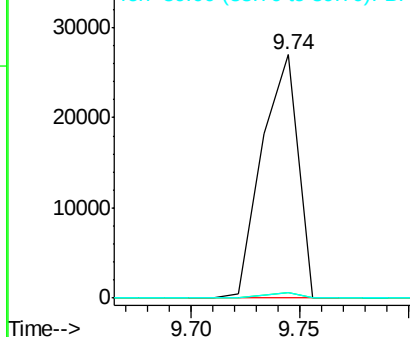


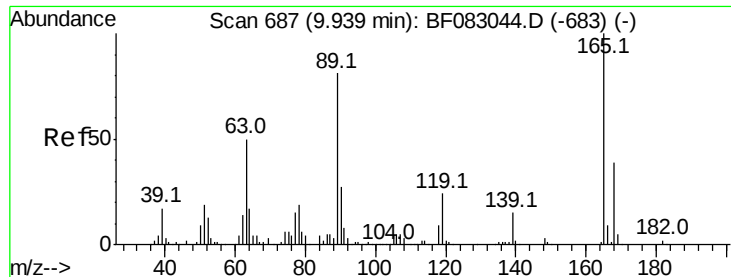
#50
2,6-Dinitrotoluene
Concen: 6.99 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.21 min
Lab File: BF083097.D
Acq: 21 Nov 2015 1:35

Tgt Ion:165 Resp: 31292
Ion Ratio Lower Upper
165 100
63 2.1 40.6 61.0#
89 2.5 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

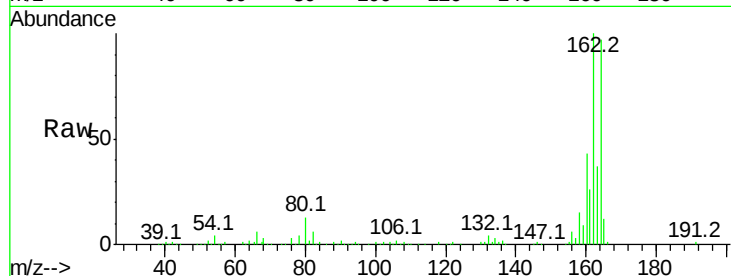




#56
 2,4-Dinitrotoluene
 Concen: 5.22 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.19 min
 Lab File: BF083097.D
 Acq: 21 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.6	61.0#
89	2.5	64.4	96.6#
182	0.0	1.6	2.4#

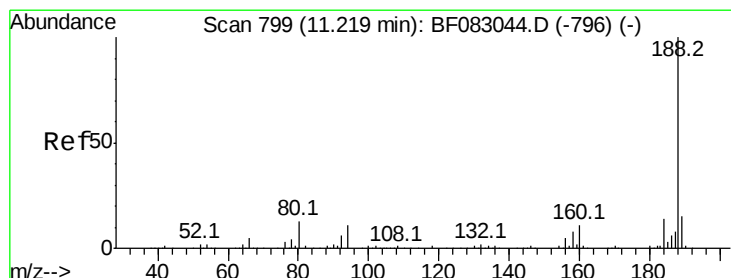
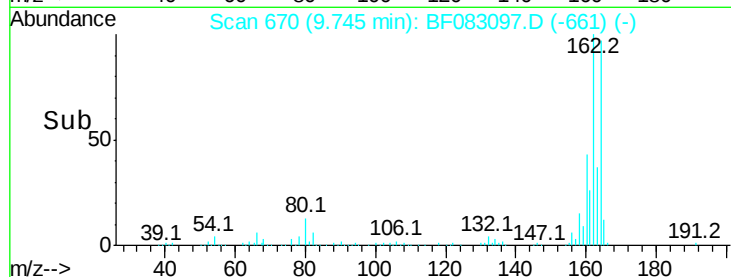
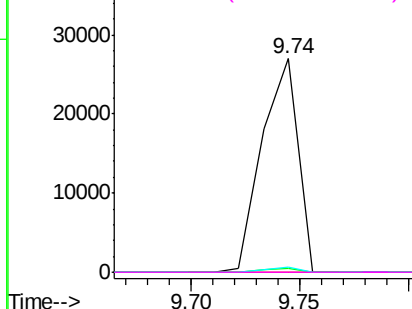


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

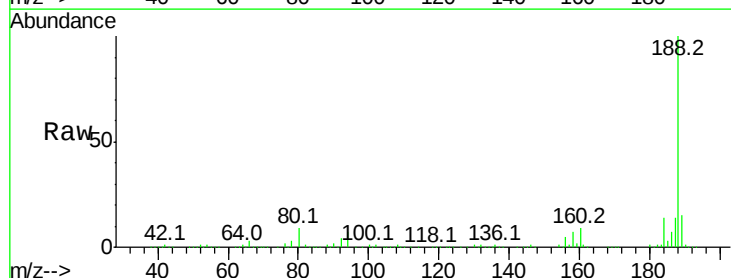
Ion 89.00 (88.70 to 89.70): BF0

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: BF083097.D
 Acq: 21 Nov 2015 1:35

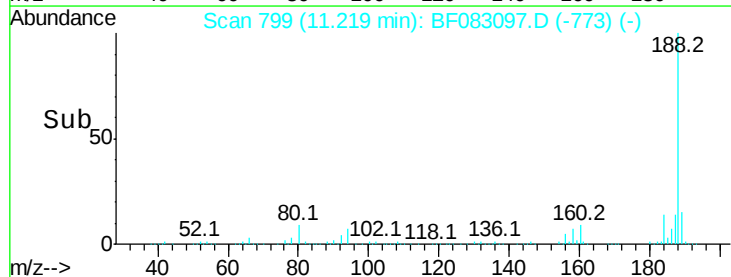
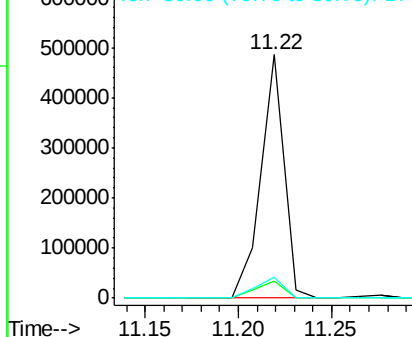
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	8.5	10.2	15.4#

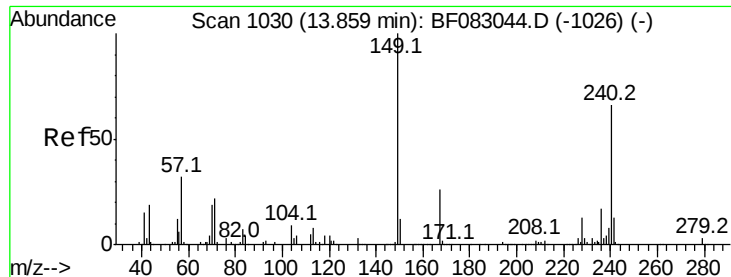


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083097.D

Acq: 21 Nov 2015 1:35

Instrument :

BNA_F

ClientSampled :

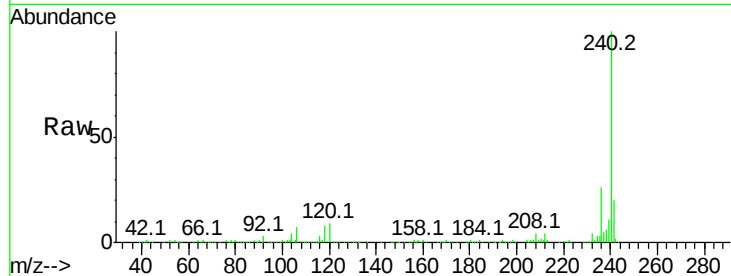
Tot Ion:240 Resp: 373443

Ion Ratio Lower Upper

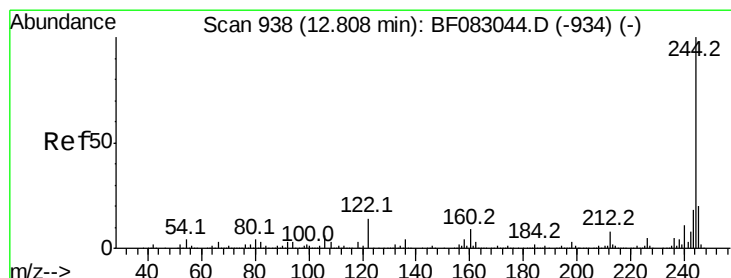
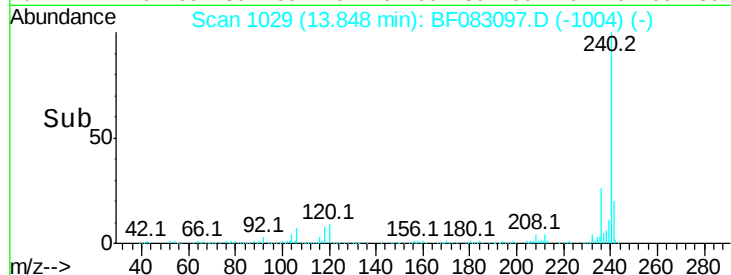
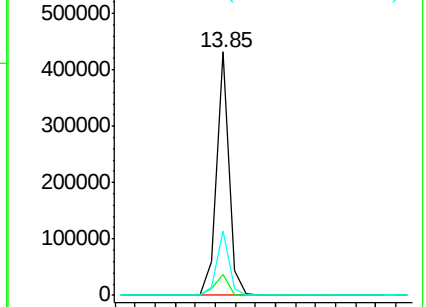
240 100

120 8.6 5.3 7.9#

236 26.2 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: 79.33 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083097.D

Acq: 21 Nov 2015 1:35

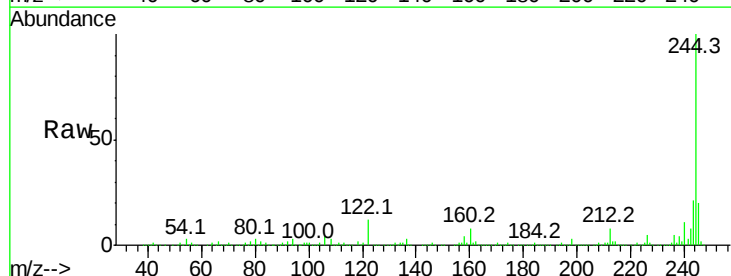
Tgt Ion:244 Resp: 1254882

Ion Ratio Lower Upper

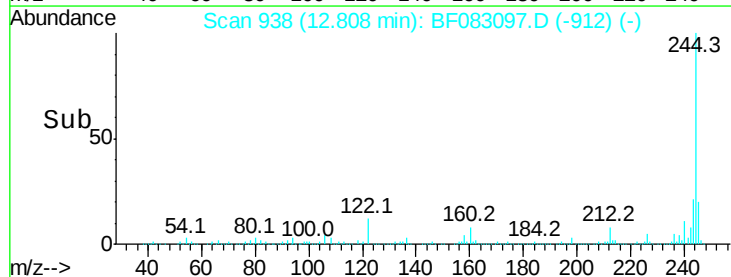
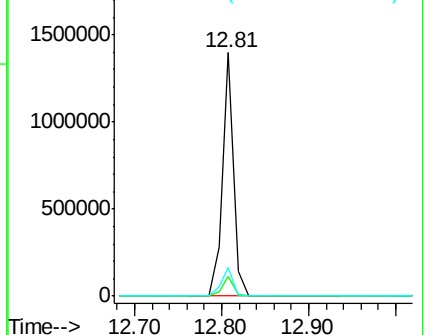
244 100

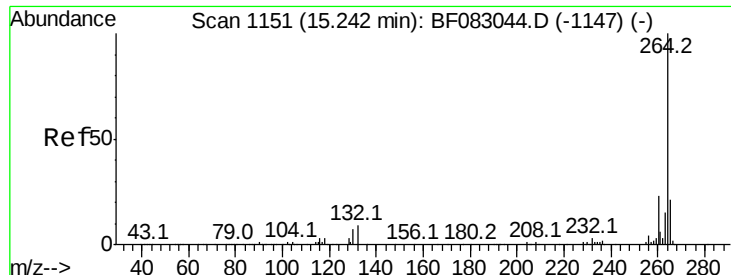
212 7.9 6.4 9.6

122 11.5 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

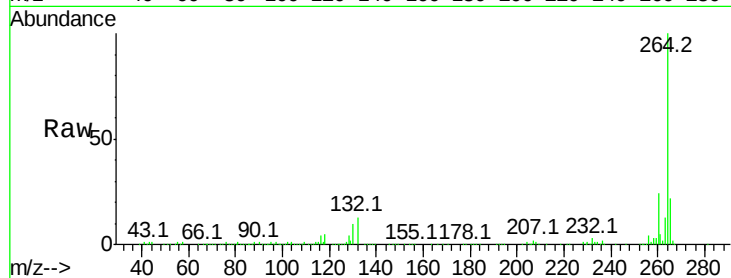




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083097.D
 Acq: 21 Nov 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.6	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

