

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083100.D
 Acq On : 21 Nov 2015 3:03
 Operator : UM/IZ
 Sample : G4349-02RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 04:14:20 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

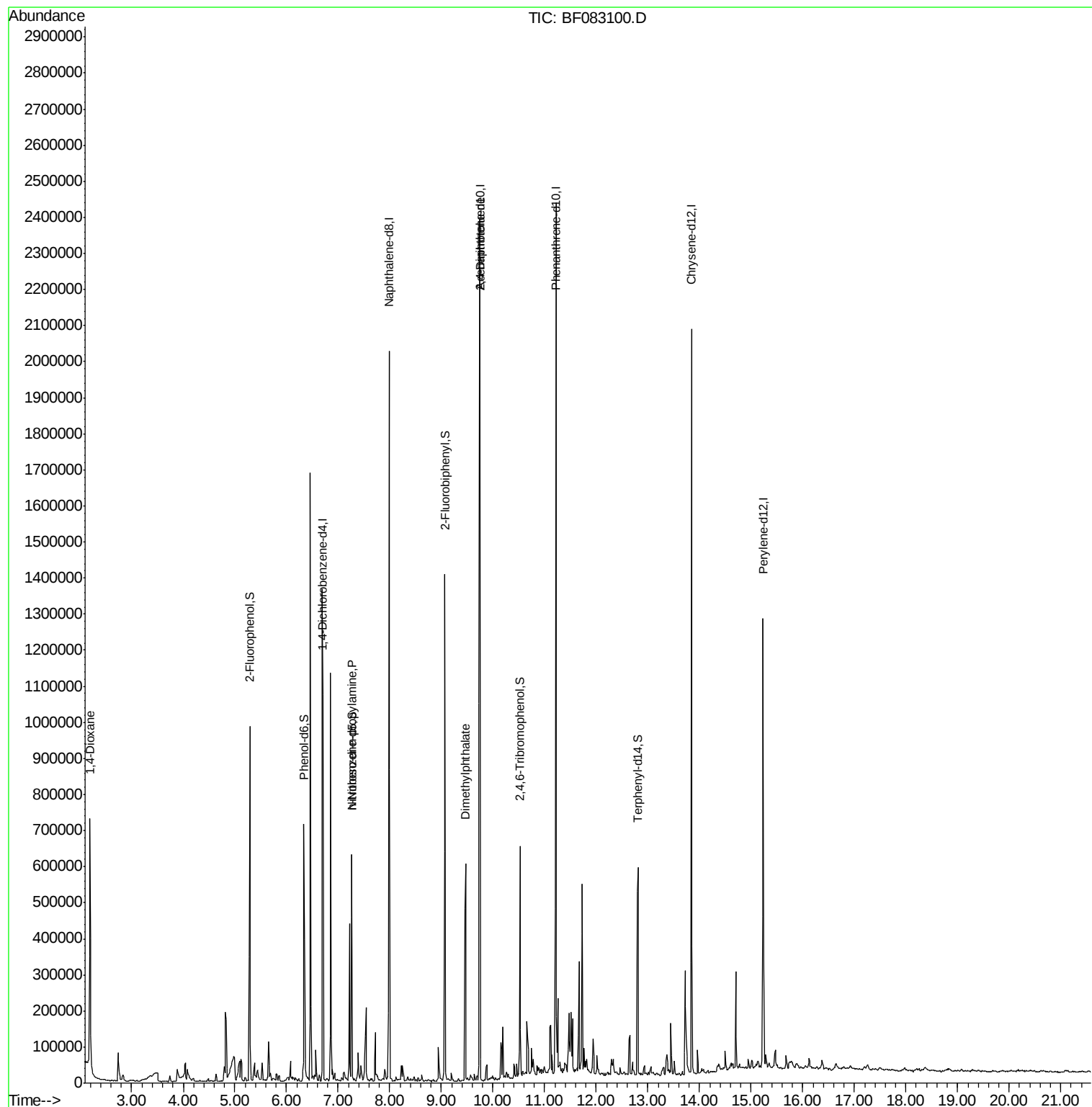
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	274347	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	998697	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	531205	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	824891	20.00	ng	0.00
75) Chrysene-d12	13.85	240	689346	20.00	ng	-0.01
86) Perylene-d12	15.23	264	527576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	286996	16.25	ng	0.00
7) Phenol-d6	6.34	99	278515	11.97	ng	-0.01
23) Nitrobenzene-d5	7.26	82	274115	12.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	64574	11.45	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	454051	11.51	ng	-0.01
78) Terphenyl-d14	12.81	244	256105	8.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.19	88	45744	5.71	ng	# 1
9) Benzaldehyde	6.24	77	1485	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.26	70	35207	2.07	ng	# 70
49) Dimethylphthalate	9.47	163	346265	7.92	ng	# 97
56) 2,4-Dinitrotoluene	9.74	165	70033	5.55	ng	# 19

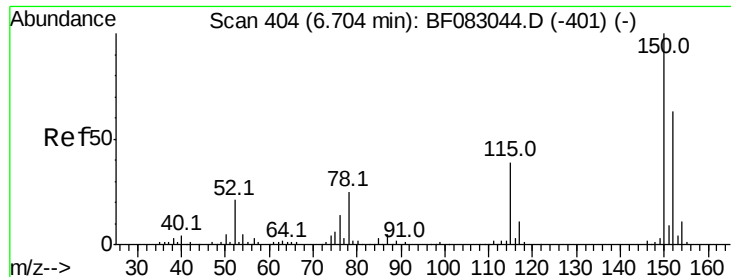
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083100.D

Acq: 21 Nov 2015 3:03

Instrument :

BNA_F

ClientSampleId :

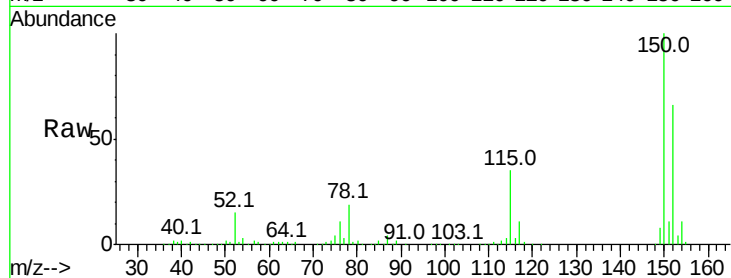
Tot Ion:152 Resp: 274347

Ion Ratio Lower Upper

152 100

150 150.9 126.4 189.6

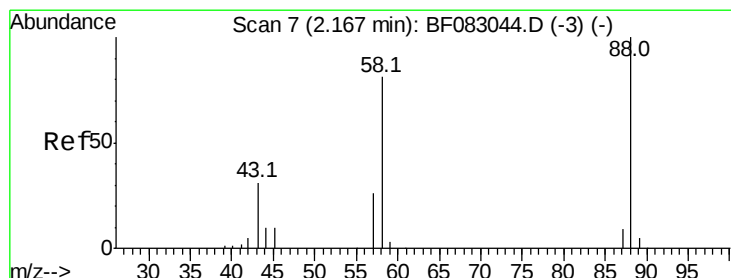
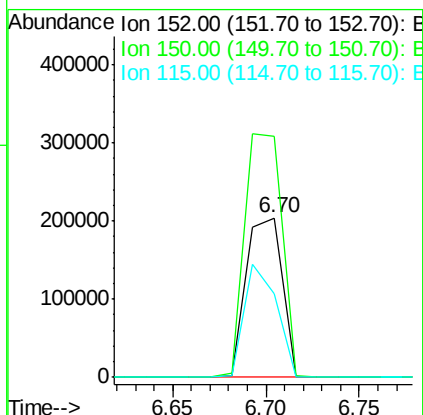
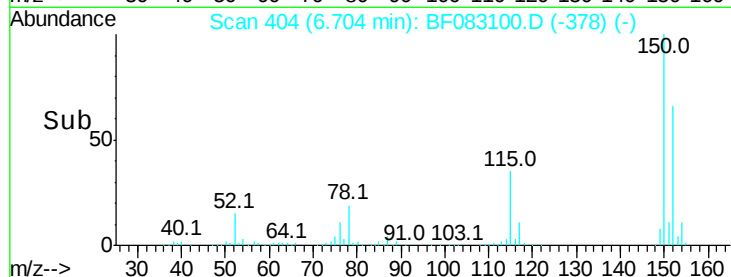
115 52.3 49.0 73.6



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



#2

1,4-Dioxane

Concen: 5.71 ng

RT: 2.19 min Scan# 9

Delta R.T. 0.02 min

Lab File: BF083100.D

Acq: 21 Nov 2015 3:03

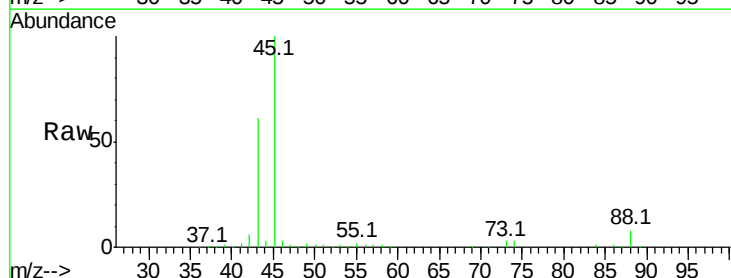
Tgt Ion: 88 Resp: 45744

Ion Ratio Lower Upper

88 100

58 10.9 64.8 97.2#

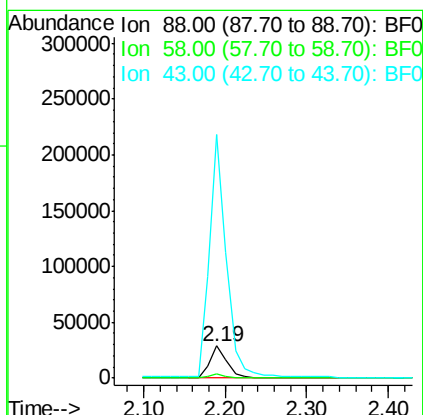
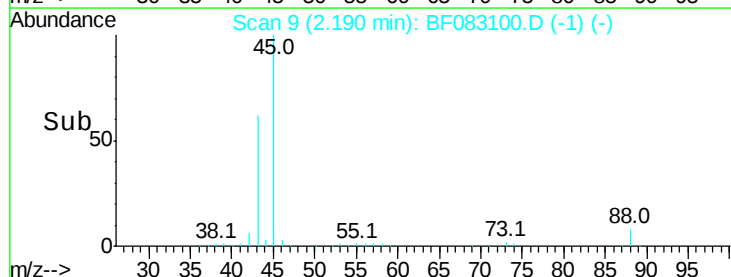
43 704.0 26.2 39.4#

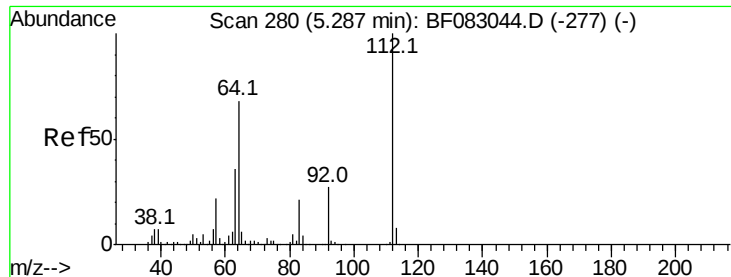


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 16.25 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083100.D

Acq: 21 Nov 2015 3:03

Instrument :

BNA_F

ClientSampleId :

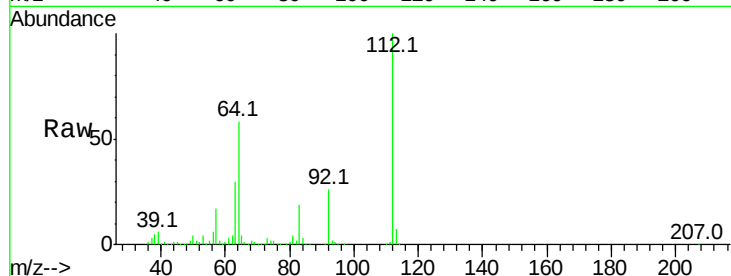
Tot Ion:112 Resp: 286996

Ion Ratio Lower Upper

112 100

64 58.4 54.8 82.2

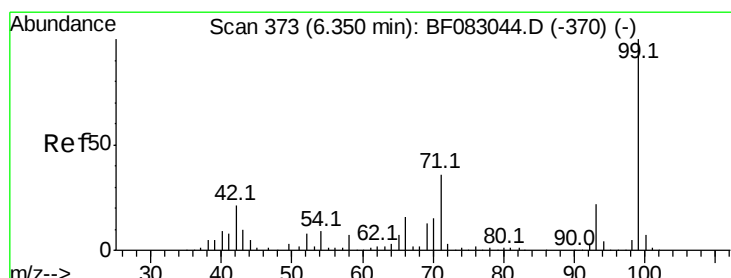
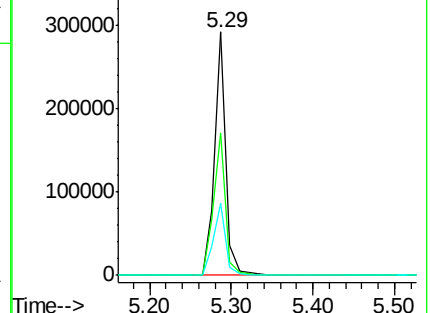
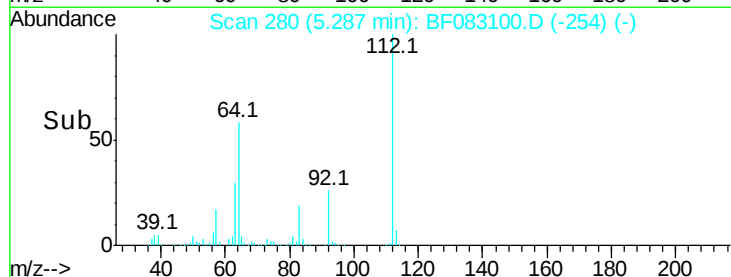
63 29.8 29.0 43.4



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: 11.97 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083100.D

Acq: 21 Nov 2015 3:03

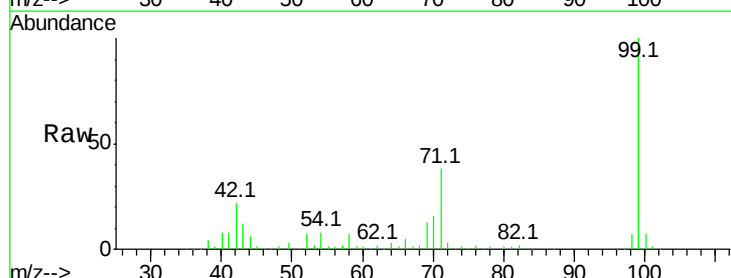
Tgt Ion: 99 Resp: 278515

Ion Ratio Lower Upper

99 100

42 22.3 16.6 25.0

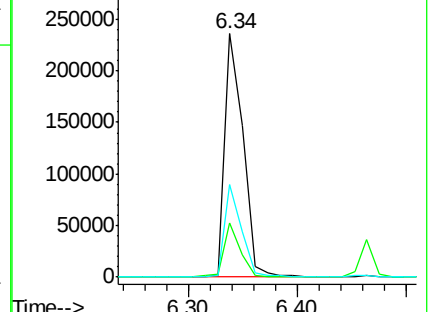
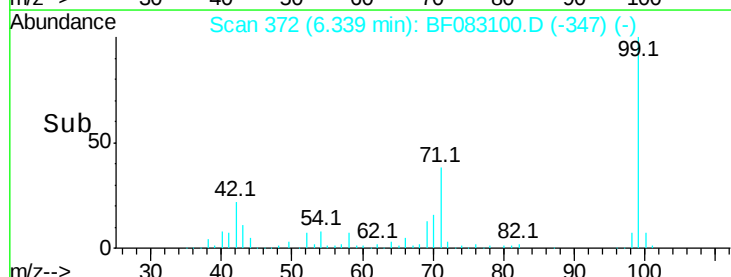
71 38.0 29.2 43.8

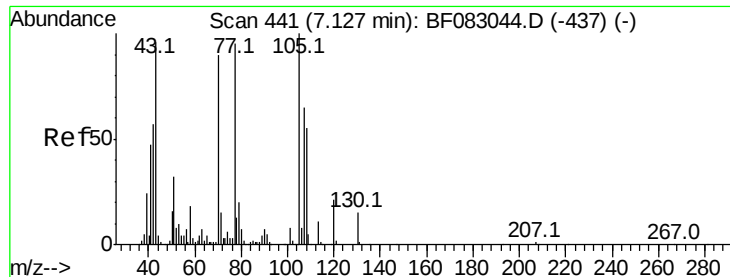


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

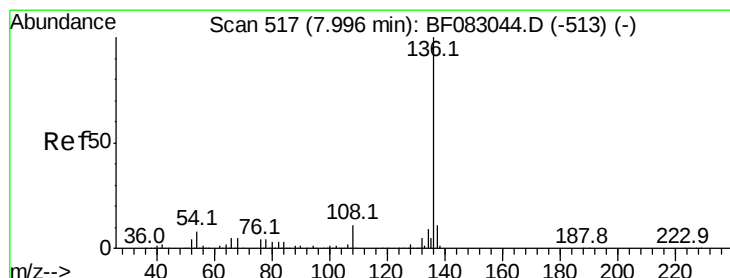
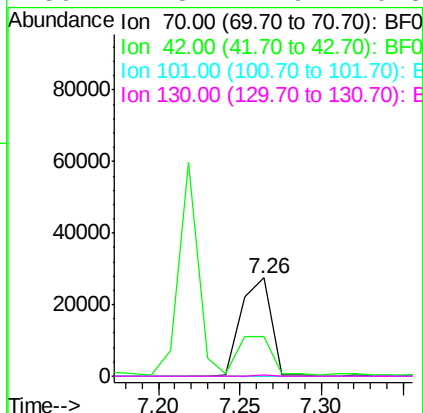
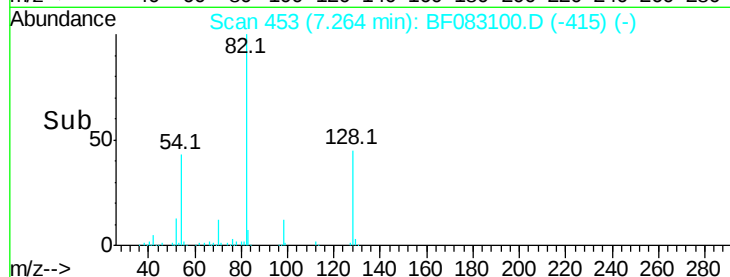
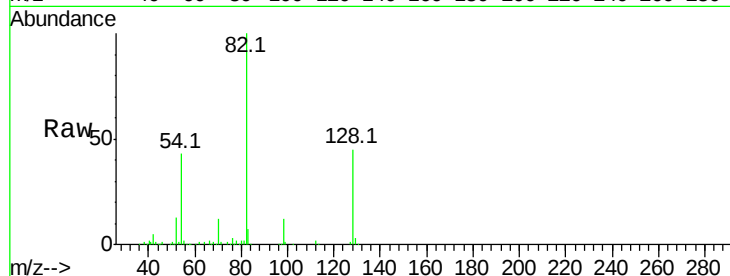




#19
n-Nitroso-di-n-propylamine
Concen: 2.07 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083100.D
Acq: 21 Nov 2015 3:03

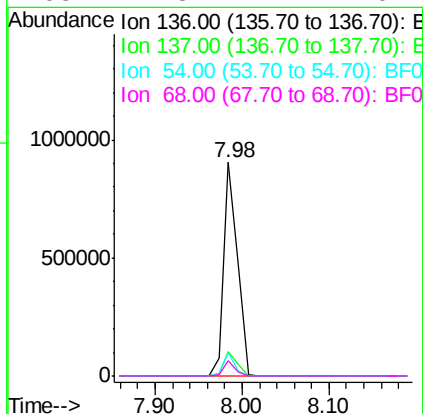
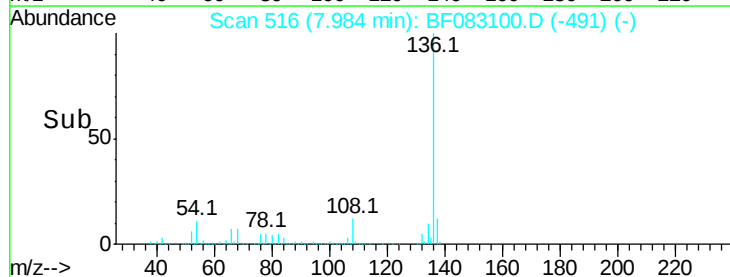
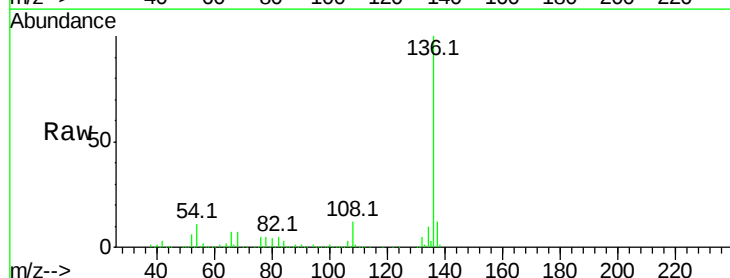
Instrument :
BNA_F
ClientSampleId :

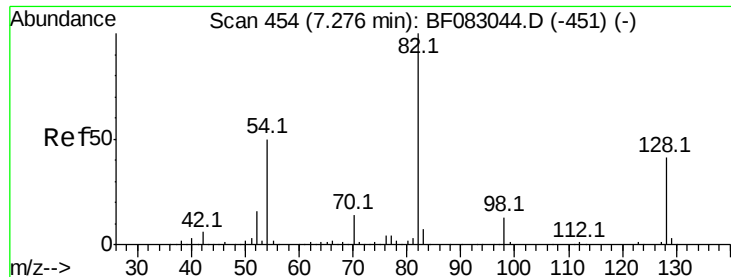
Tot Ion: 70 Resp: 35207
Ion Ratio Lower Upper
70 100
42 39.7 50.2 75.2#
101 0.0 6.8 10.2#
130 1.8 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083100.D
Acq: 21 Nov 2015 3:03

Tgt Ion: 136 Resp: 998697
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.8 6.2 9.2#
68 7.3 4.2 6.2#

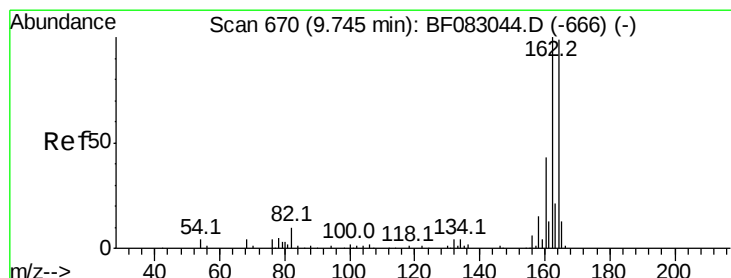
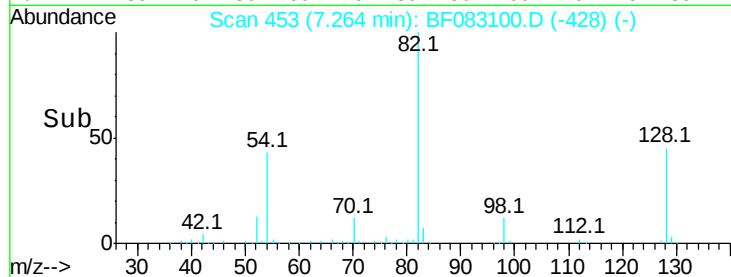
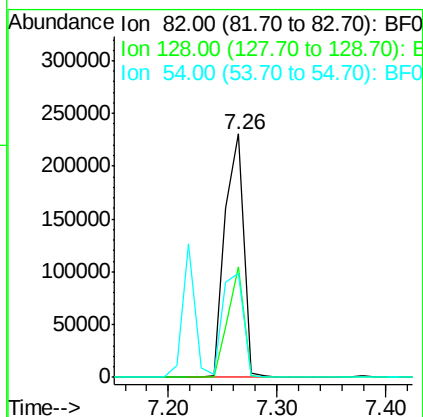
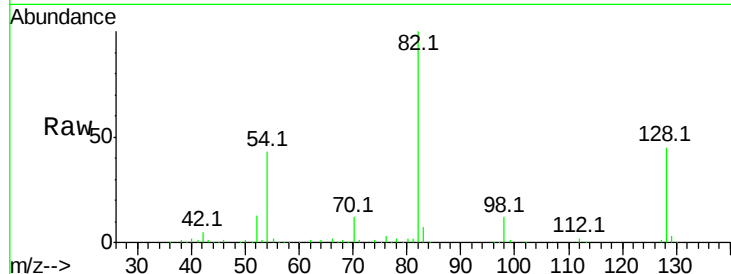




#23
 Nitrobenzene-d5
 Concen: 12.57 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083100.D
 Acq: 21 Nov 2015 3:03

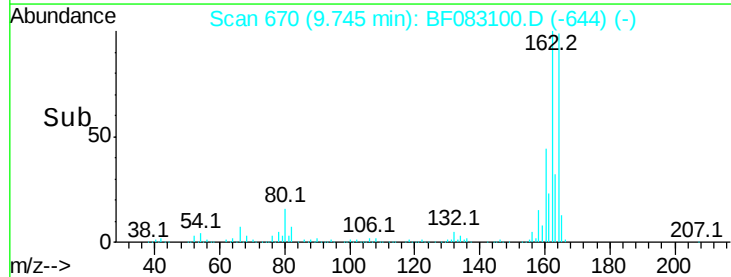
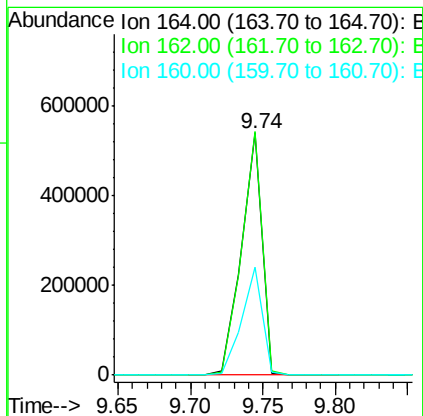
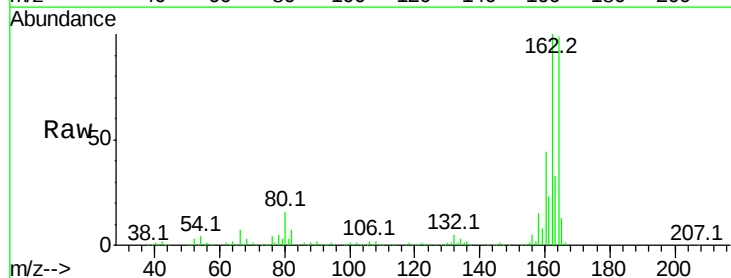
Instrument :
 BNA_F
 ClientSampleId :

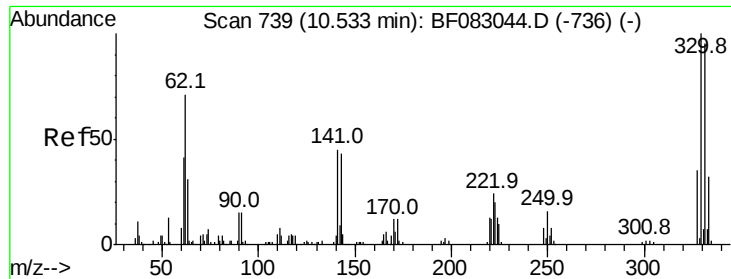
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.1	49.7
54	42.9	39.8	59.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083100.D
 Acq: 21 Nov 2015 3:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.5	120.7
160	44.6	35.0	52.4

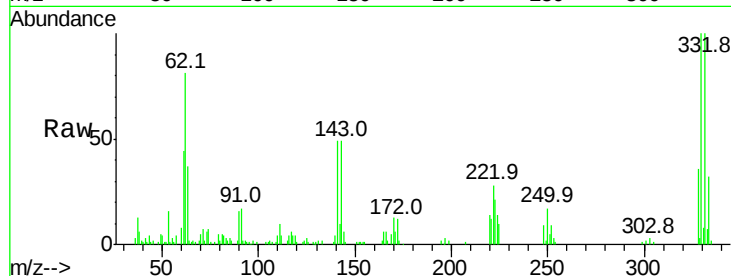




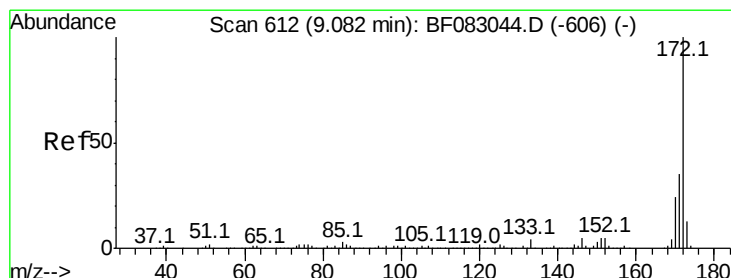
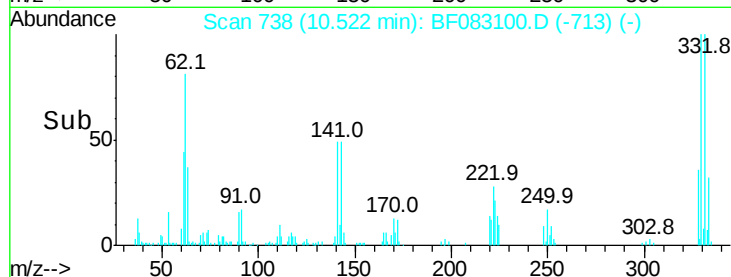
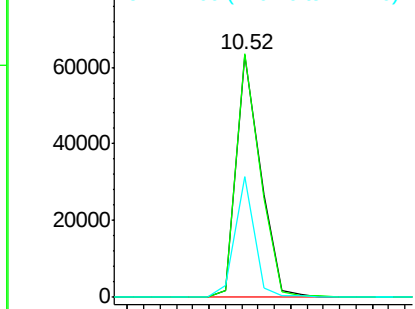
#41
 2,4,6-Tribromophenol
 Concen: 11.45 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083100.D
 Acq: 21 Nov 2015 3:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 64574
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.6 116.4
 141 40.5 34.6 52.0

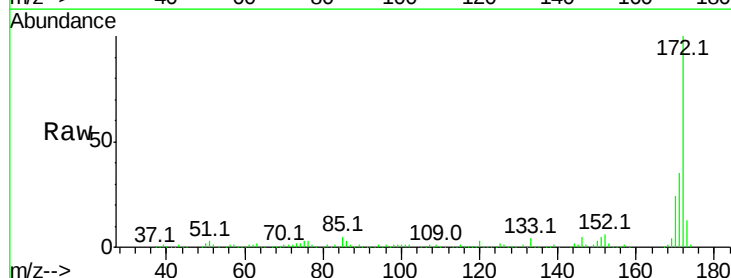


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

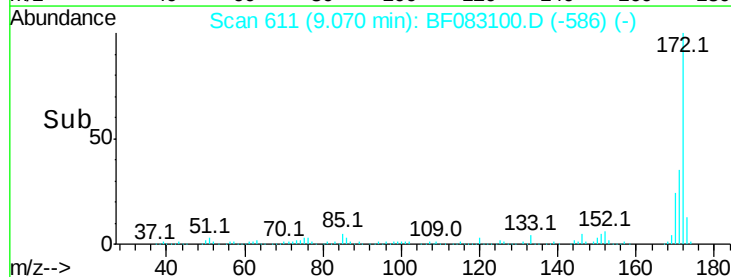
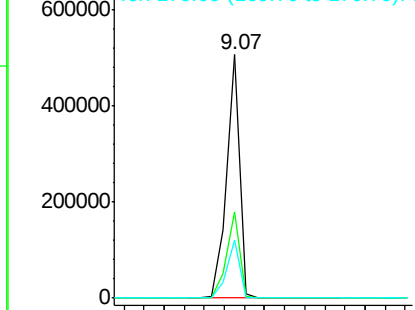


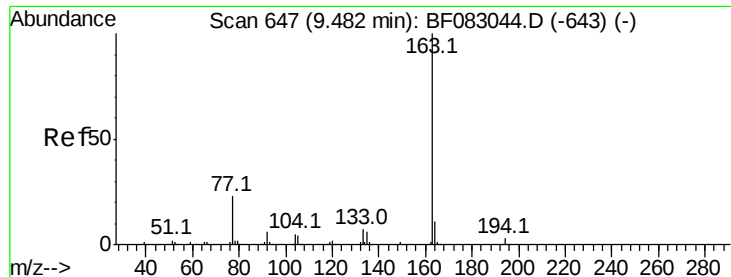
#44
 2-Fluorobiphenyl
 Concen: 11.51 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083100.D
 Acq: 21 Nov 2015 3:03

Tgt Ion:172 Resp: 454051
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.9 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: 7.92 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083100.D

Acq: 21 Nov 2015 3:03

Instrument :

BNA_F

ClientSampleId :

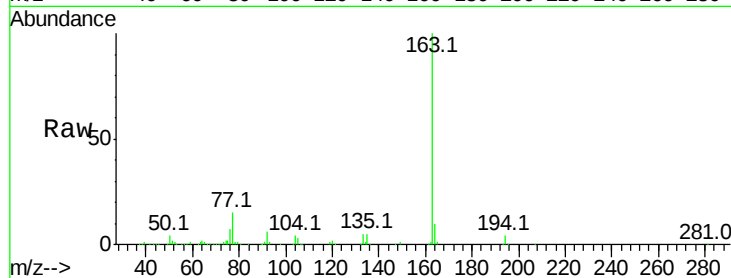
Tot Ion:163 Resp: 346265

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

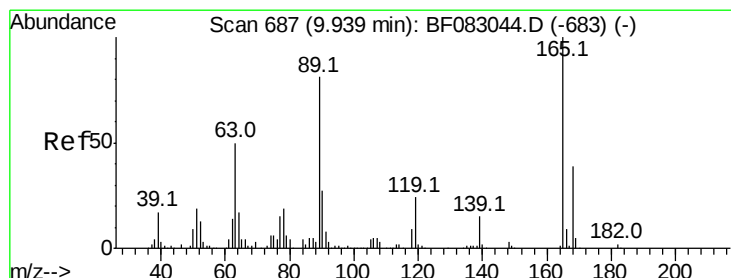
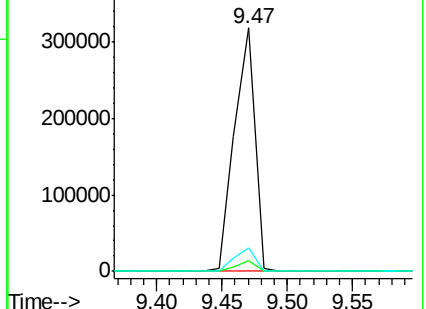
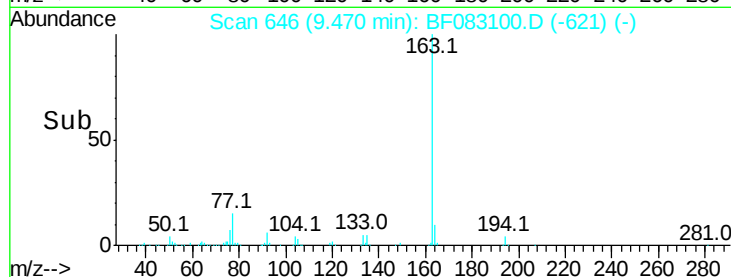
164 9.5 8.5 12.7



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



#56

2,4-Dinitrotoluene

Concen: 5.55 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.19 min

Lab File: BF083100.D

Acq: 21 Nov 2015 3:03

Tgt Ion:165 Resp: 70033

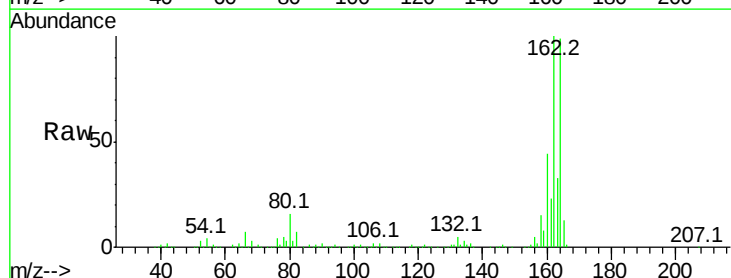
Ion Ratio Lower Upper

165 100

63 1.3 40.6 61.0#

89 1.7 64.4 96.6#

182 0.0 1.6 2.4#

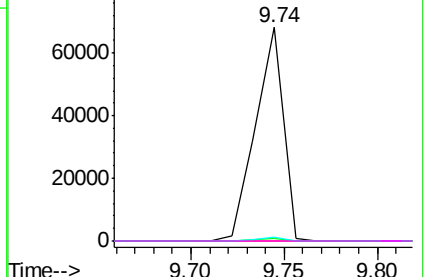
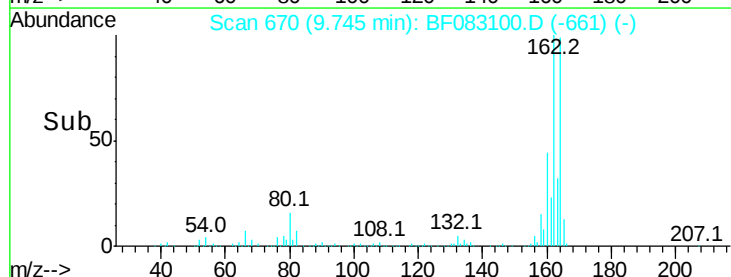


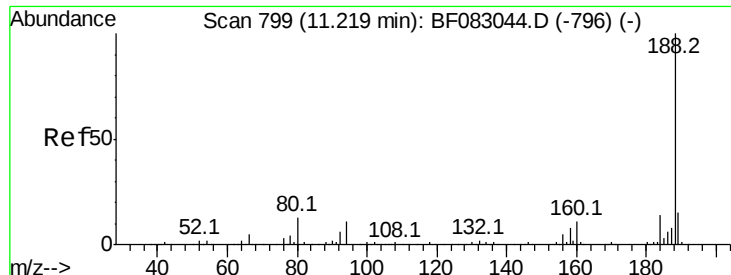
Abundance Ion 165.00 (164.70 to 165.70): E

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

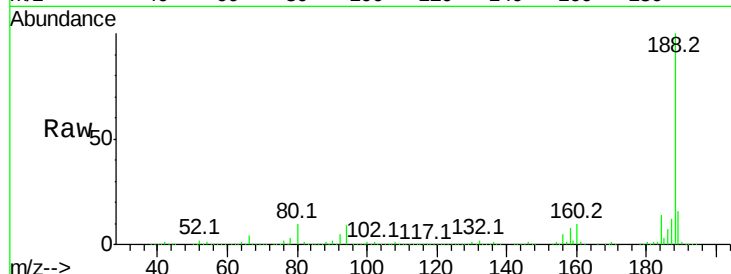




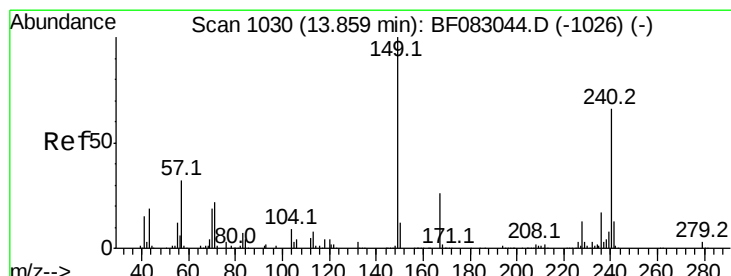
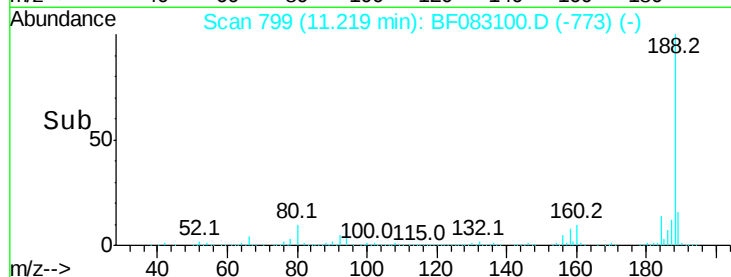
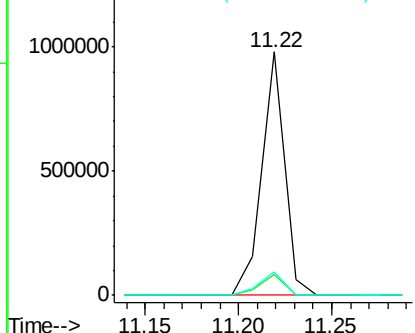
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083100.D
Acq: 21 Nov 2015 3:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 824891
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.8 10.2 15.4#

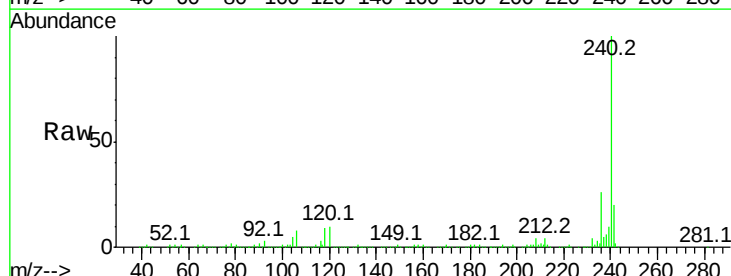


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

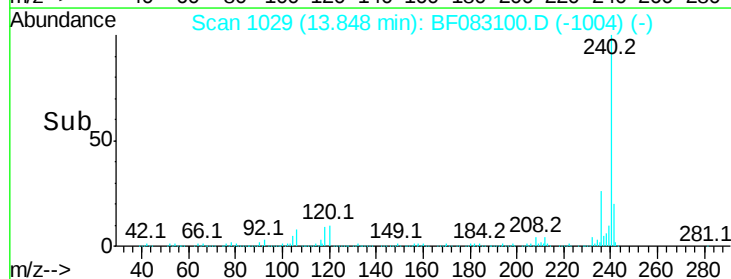
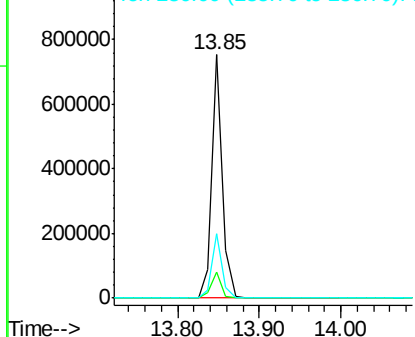


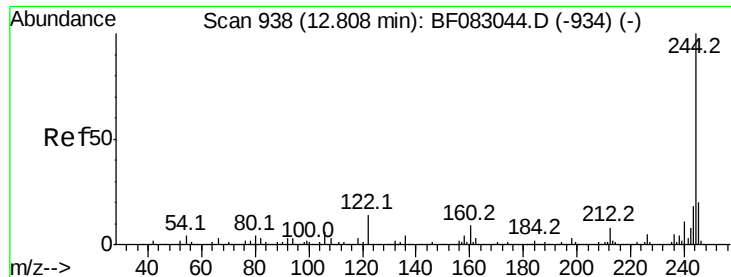
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083100.D
Acq: 21 Nov 2015 3:03

Tgt Ion:240 Resp: 689346
Ion Ratio Lower Upper
240 100
120 10.4 5.3 7.9#
236 26.4 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

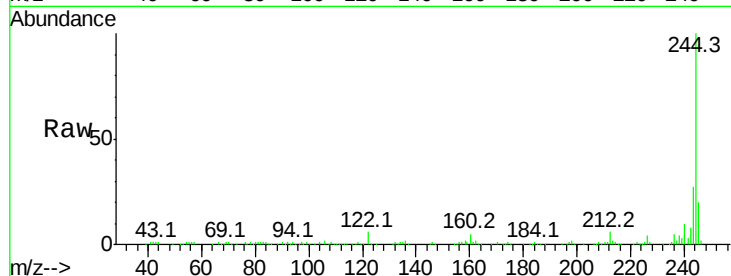




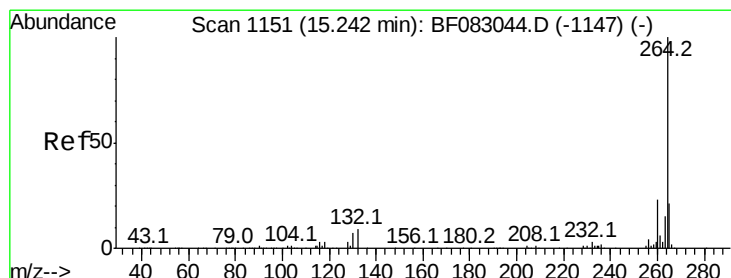
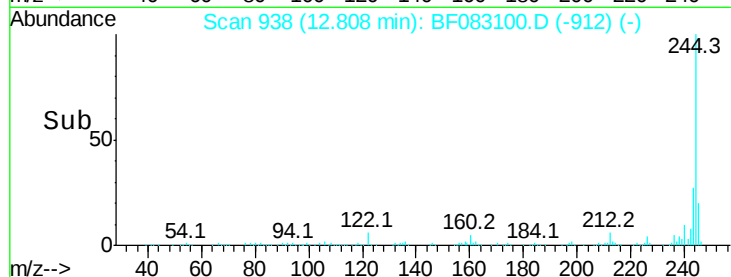
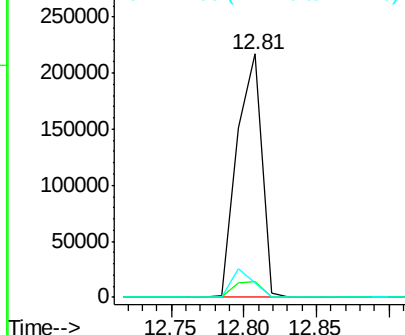
#78
 Terphenyl-d14
 Concen: 8.77 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083100.D
 Acq: 21 Nov 2015 3:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.4	9.6
122	6.1	10.9	16.3

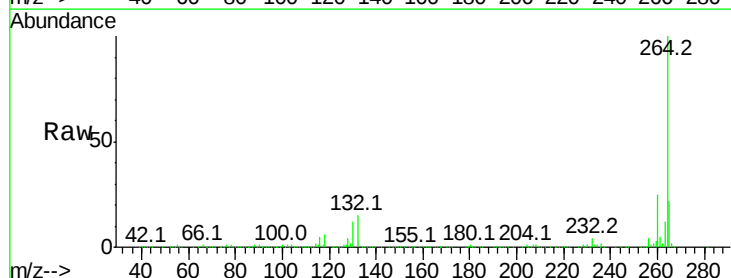


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083100.D
 Acq: 21 Nov 2015 3:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.3	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

