

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083090.D
 Acq On : 20 Nov 2015 20:01
 Operator : UM/IZ
 Sample : G4452-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:35:33 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

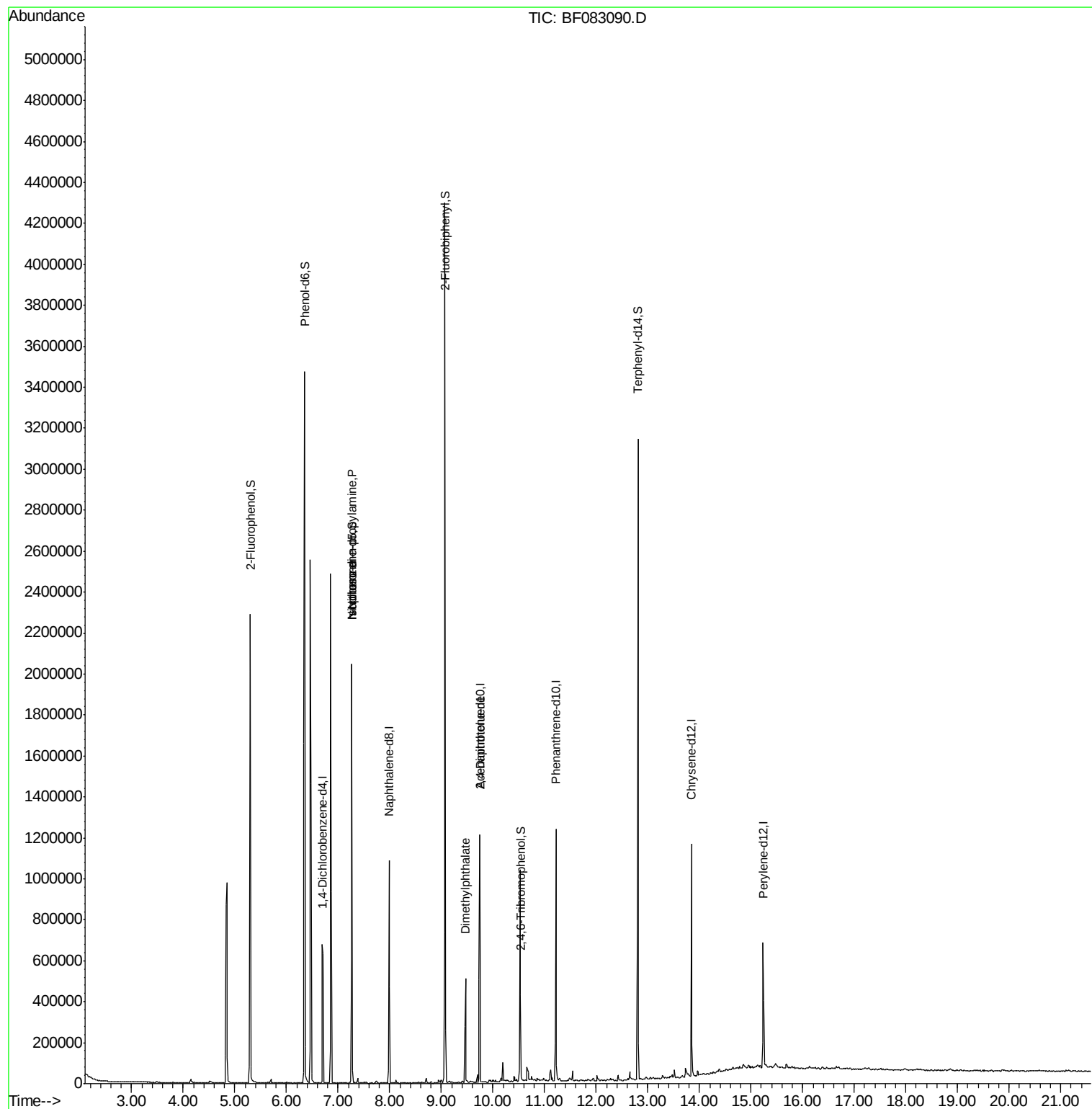
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	148648	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	540411	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	264975	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	414088	20.00	ng	0.00
75) Chrysene-d12	13.85	240	369796	20.00	ng	-0.01
86) Perylene-d12	15.23	264	289647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	884433	92.41	ng	0.01
7) Phenol-d6	6.35	99	1170273	92.84	ng	0.00
23) Nitrobenzene-d5	7.26	82	676442	57.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	122550	43.56	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1199328	60.96	ng	-0.01
78) Terphenyl-d14	12.81	244	922748	58.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	89851	9.75	ng	# 76
25) Isophorone	7.26	82	523533	23.51	ng	# 69
49) Dimethylphthalate	9.47	163	252435	11.58	ng	97
56) 2,4-Dinitrotoluene	9.74	165	33298	5.29	ng	# 19

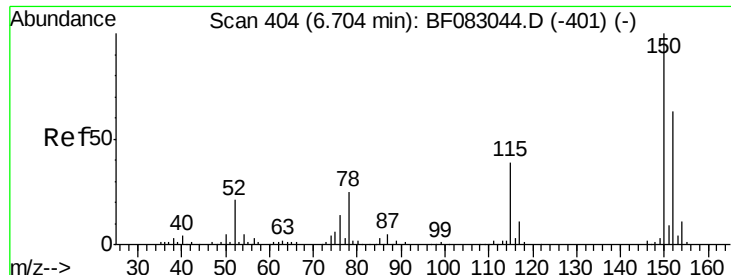
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Instrument :

BNA_F

ClientSampleId :

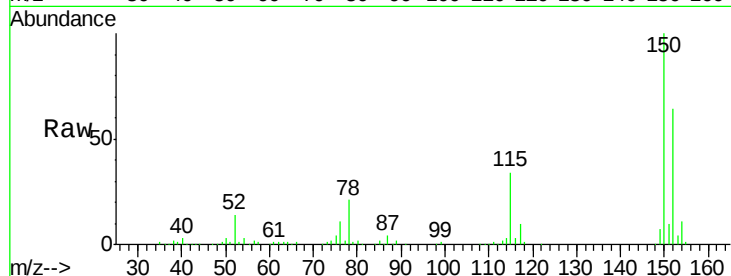
Tot Ion:152 Resp: 148648

Ion Ratio Lower Upper

152 100

150 155.3 126.4 189.6

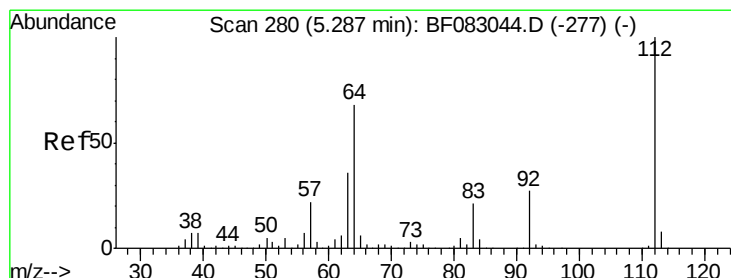
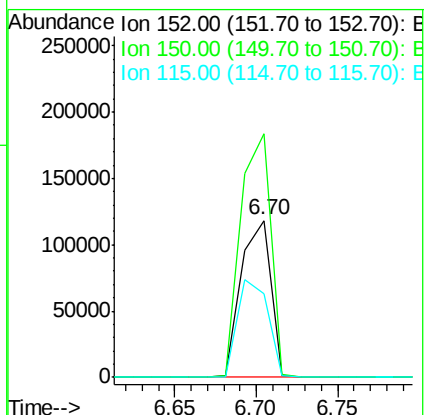
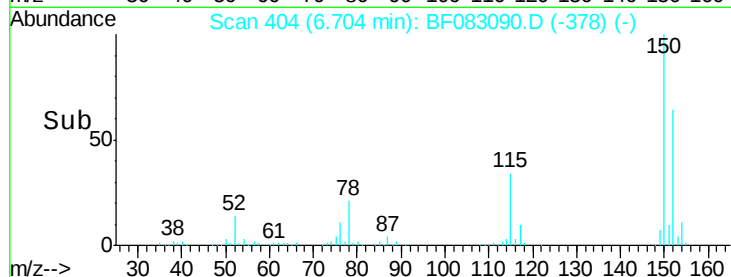
115 53.4 49.0 73.6



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: 92.41 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

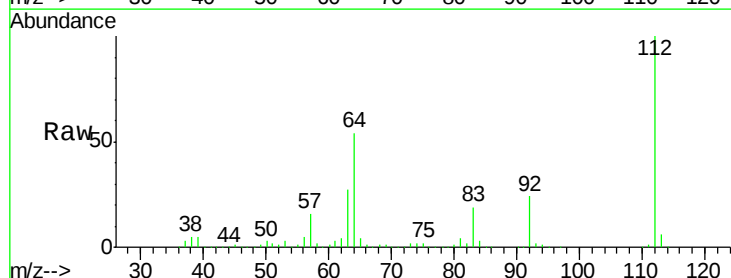
Tgt Ion:112 Resp: 884433

Ion Ratio Lower Upper

112 100

64 53.8 54.8 82.2#

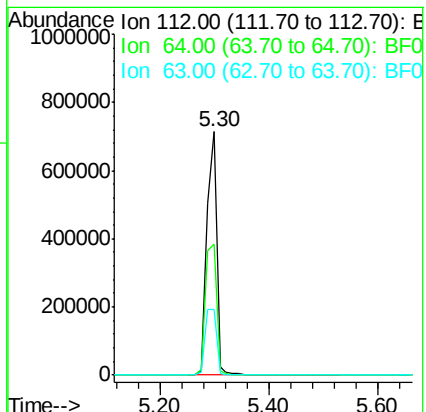
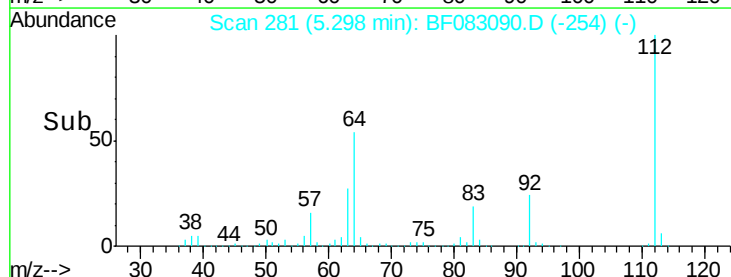
63 27.2 29.0 43.4#

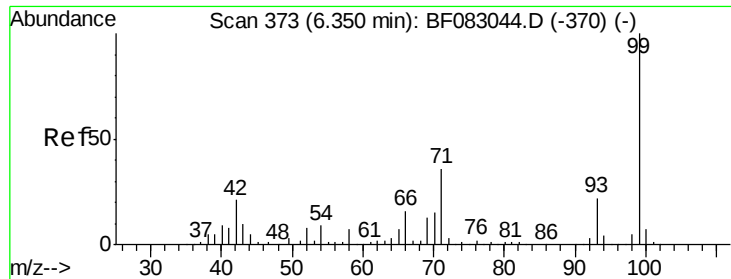


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.84 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Instrument :

BNA_F

ClientSampleId :

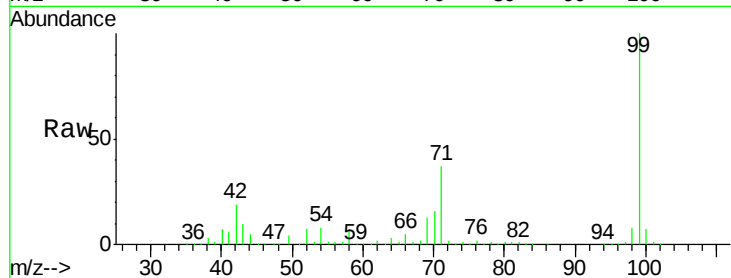
Tot Ion: 99 Resp: 1170273

Ion Ratio Lower Upper

99 100

42 19.1 16.6 25.0

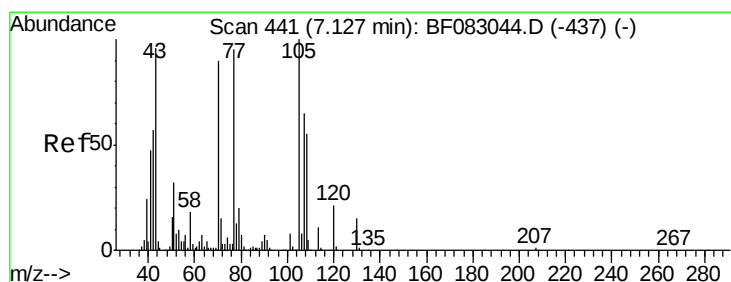
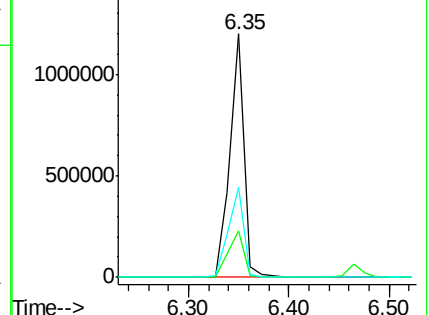
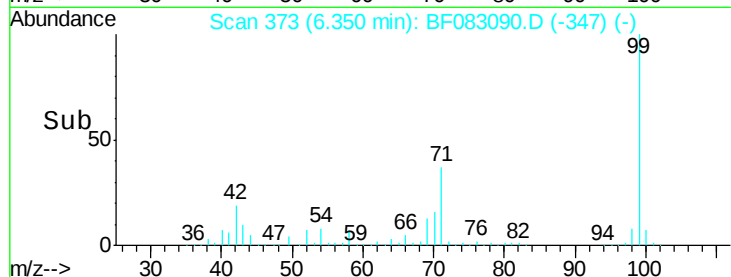
71 37.2 29.2 43.8



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: 9.75 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Tgt Ion: 70 Resp: 89851

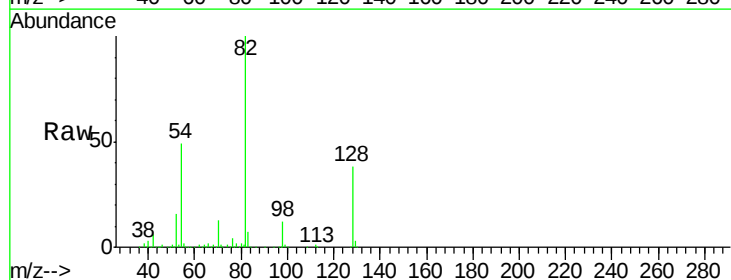
Ion Ratio Lower Upper

70 100

42 46.1 50.2 75.2#

101 0.0 6.8 10.2#

130 1.9 12.9 19.3#

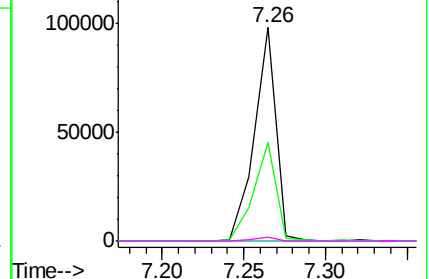
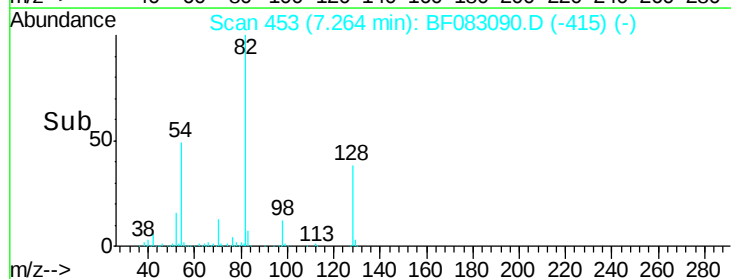


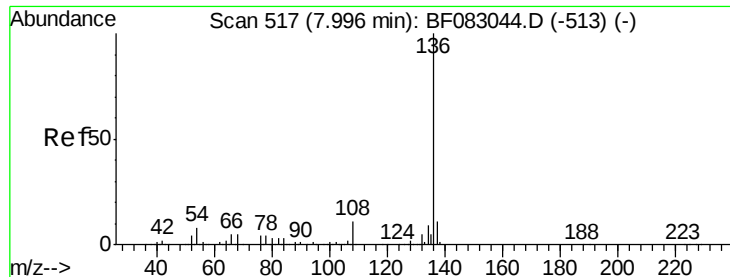
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

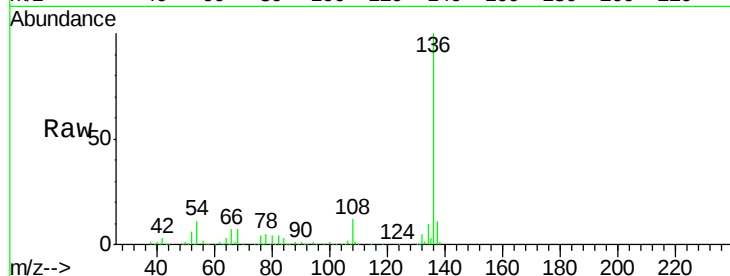




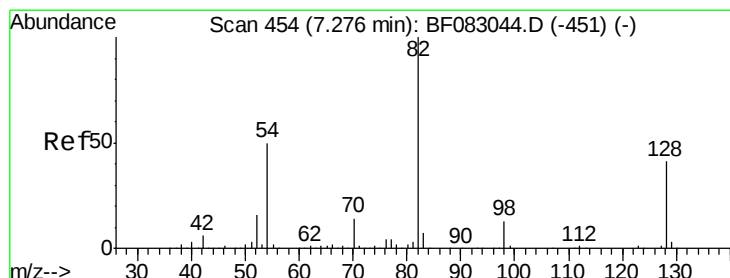
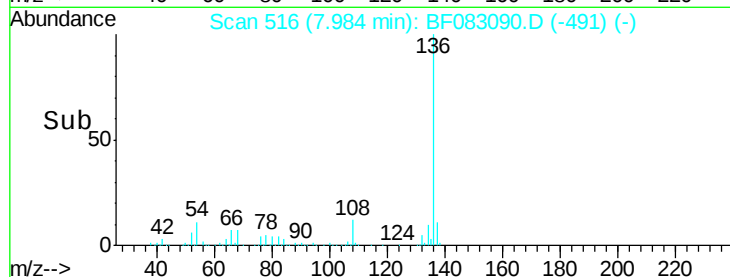
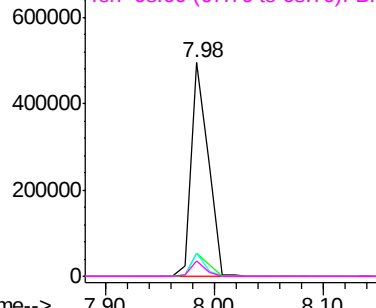
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	540411
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	11.0	6.2	9.2#
68	7.1	4.2	6.2#

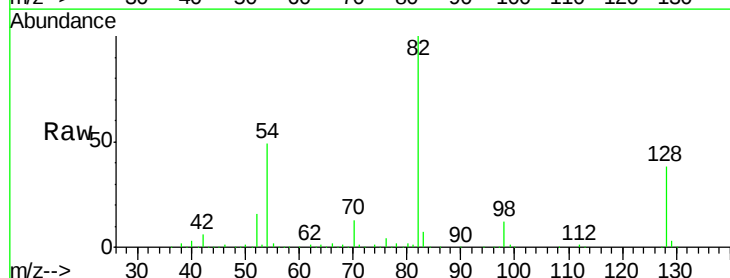


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

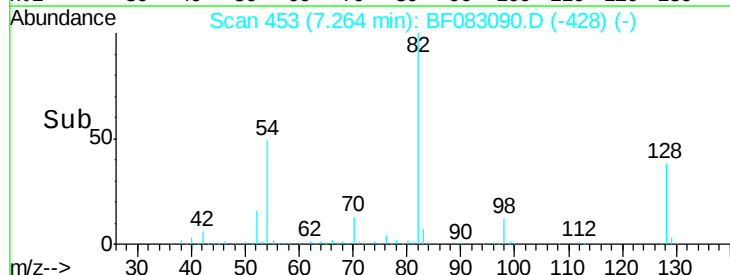
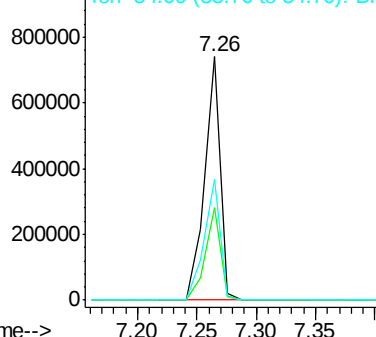


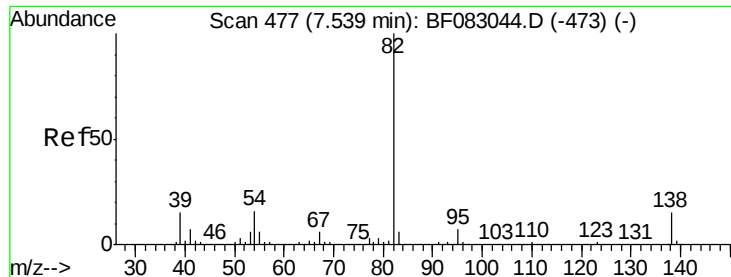
#23
Nitrobenzene-d5
Concen: 57.30 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Tgt Ion:	82	Resp:	676442
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.1	49.7
54	49.3	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: 23.51 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.27 min

Lab File: BF083090.D

Acq: 20 Nov 2015 20:01

Instrument :

BNA_F

ClientSampled :

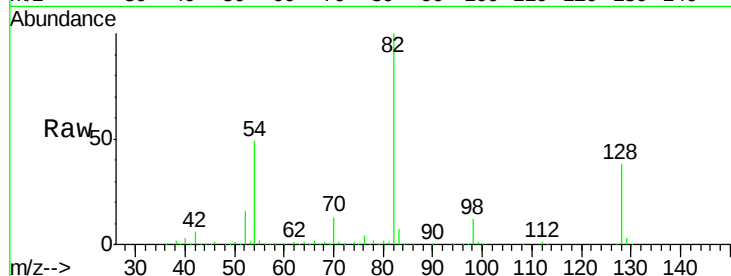
Tot Ion: 82 Resp: 523533

Ion Ratio Lower Upper

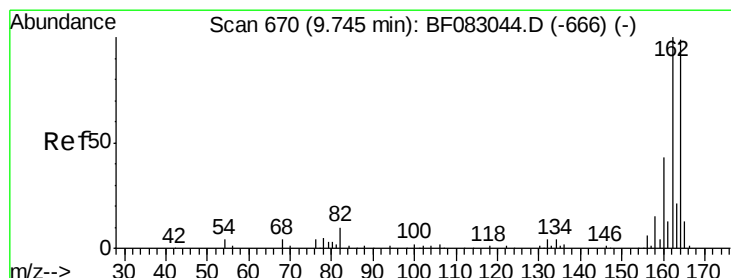
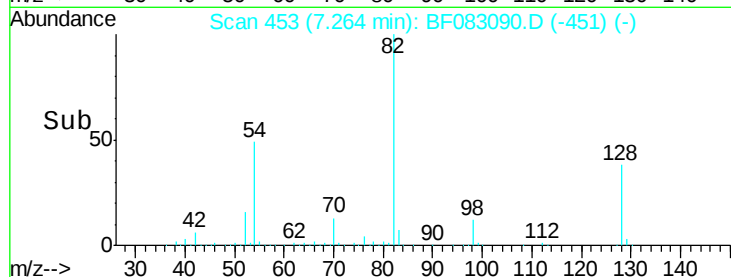
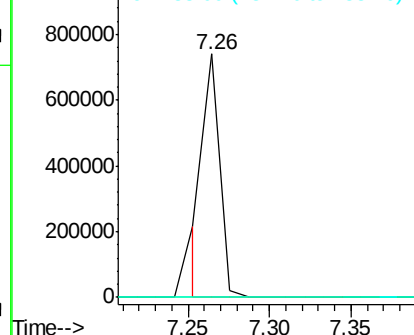
82 100

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: BF083090.D

Acq: 20 Nov 2015 20:01

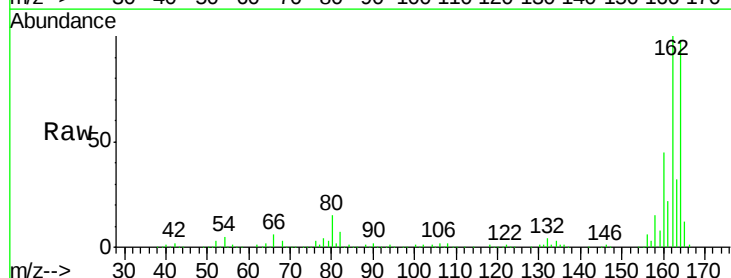
Tgt Ion:164 Resp: 264975

Ion Ratio Lower Upper

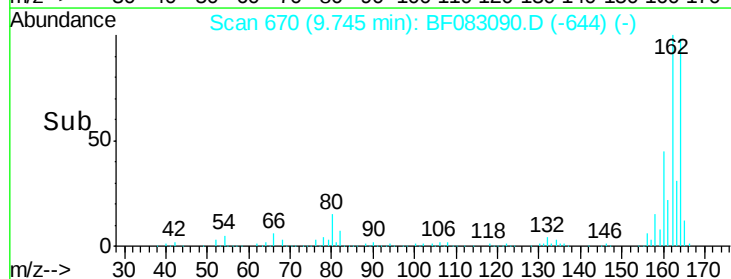
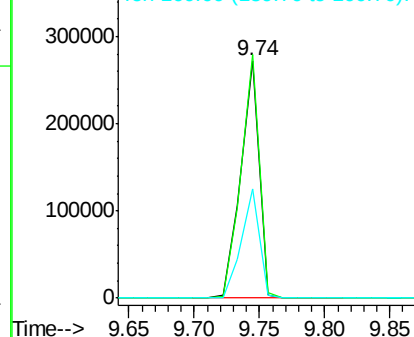
164 100

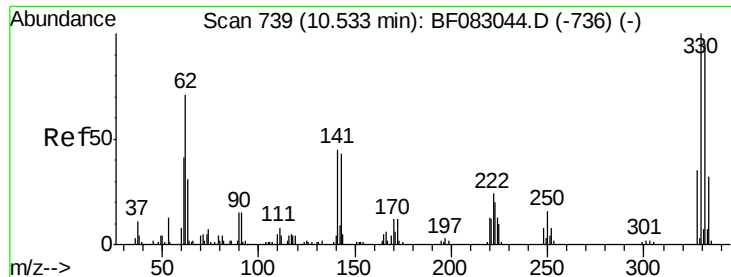
162 102.4 80.5 120.7

160 45.9 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

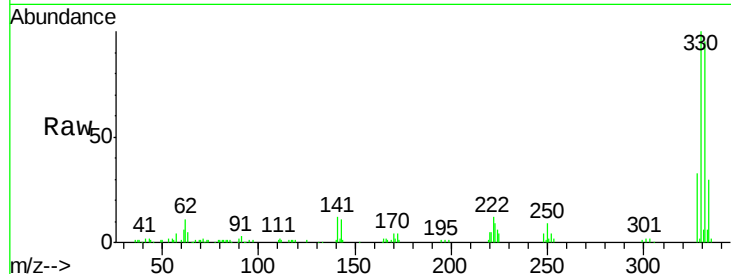




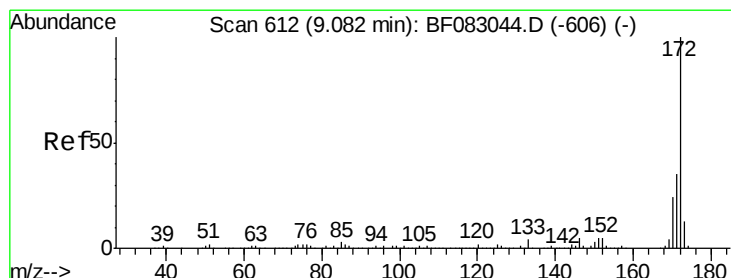
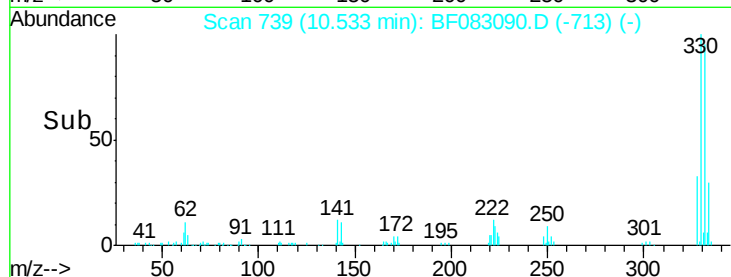
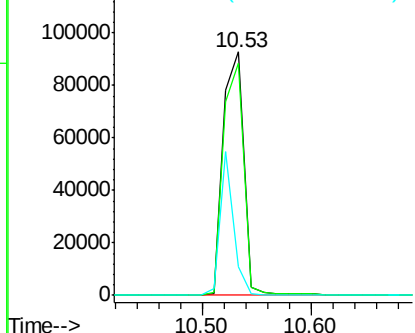
#41
 2,4,6-Tribromophenol
 Concen: 43.56 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	39.1	34.6	52.0

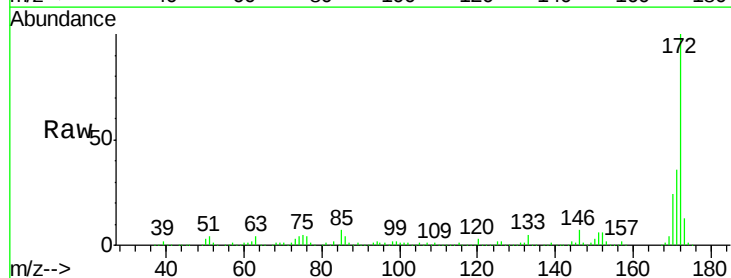


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

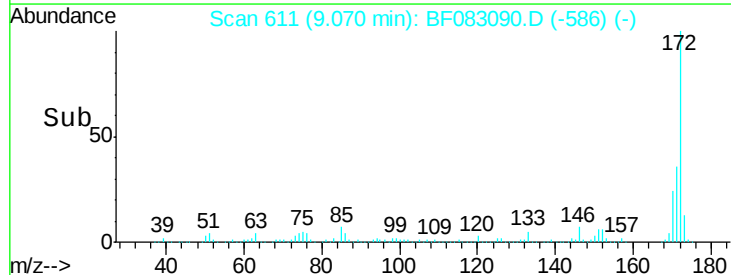
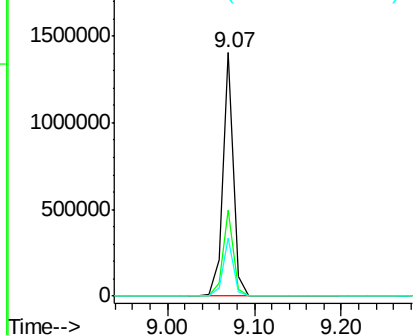


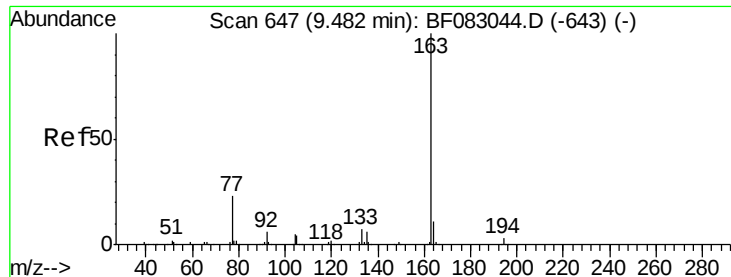
#44
 2-Fluorobiphenyl
 Concen: 60.96 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	24.0	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

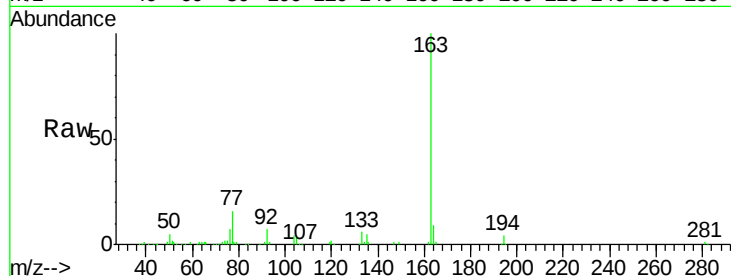




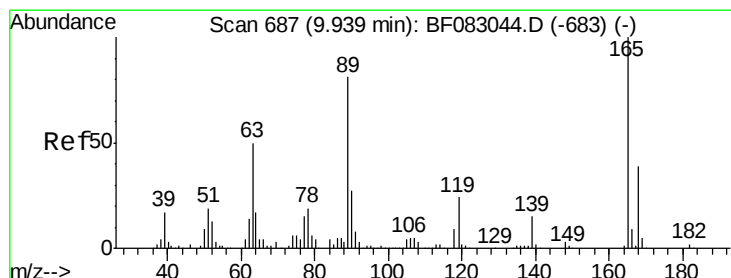
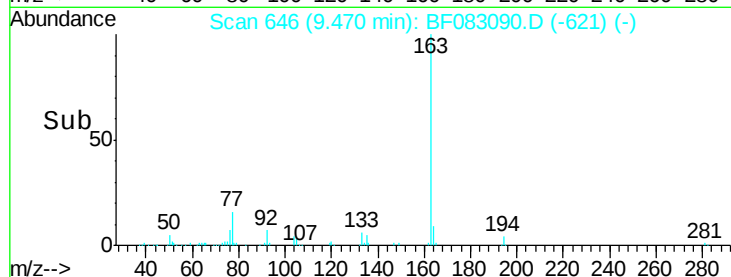
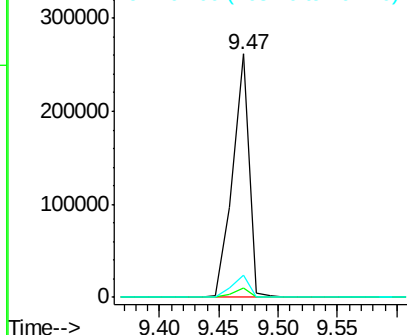
#49
Dimethylphthalate
Concen: 11.58 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 252435
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.3 8.5 12.7

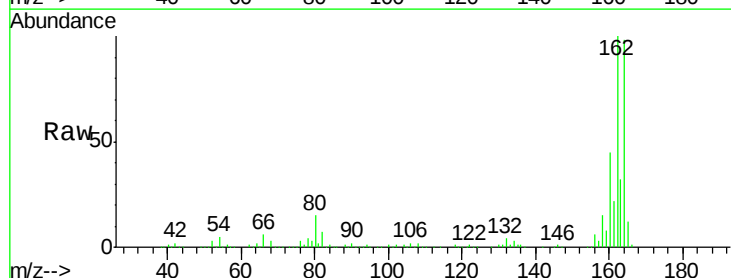


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

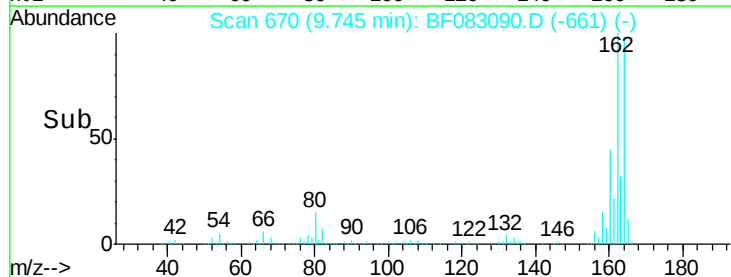
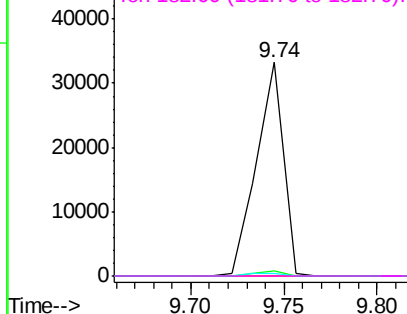


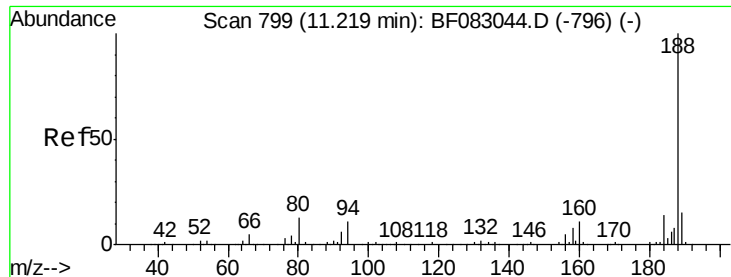
#56
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.19 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Tgt Ion:165 Resp: 33298
Ion Ratio Lower Upper
165 100
63 2.2 40.6 61.0#
89 1.5 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

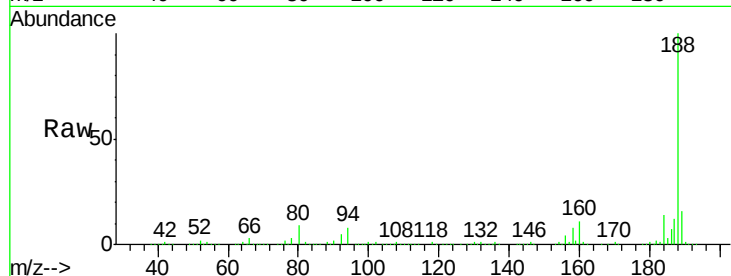




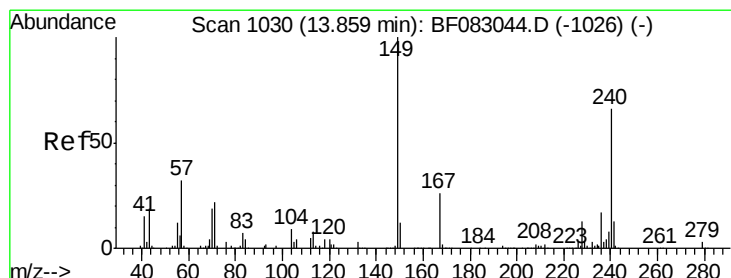
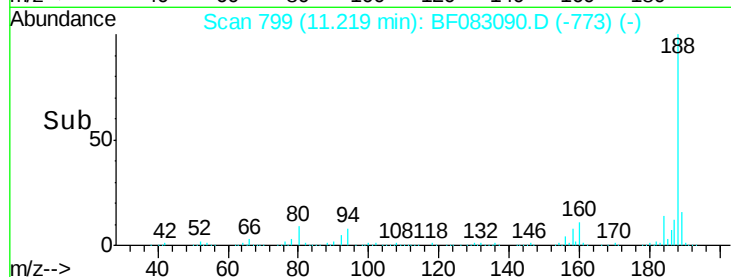
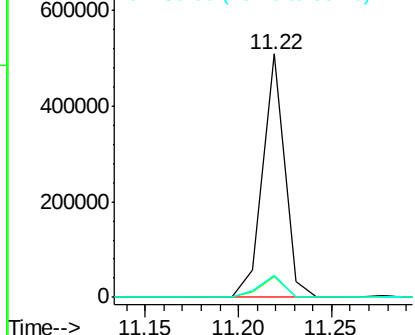
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 414088
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 9.4 10.2 15.4#

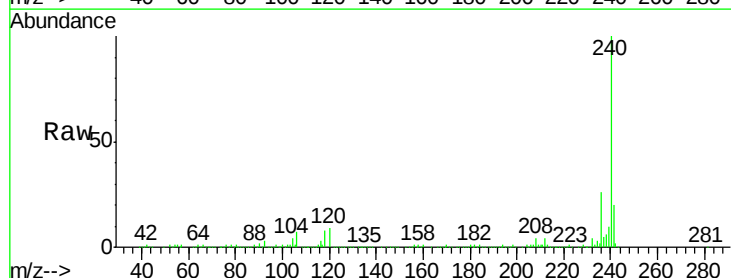


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

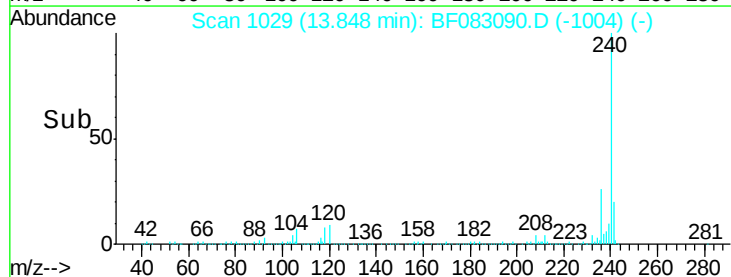
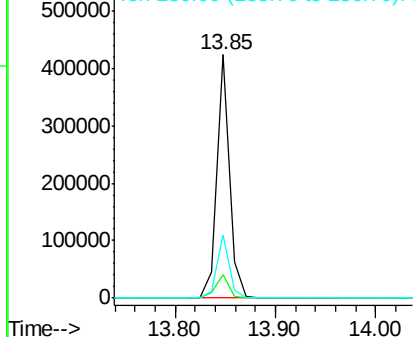


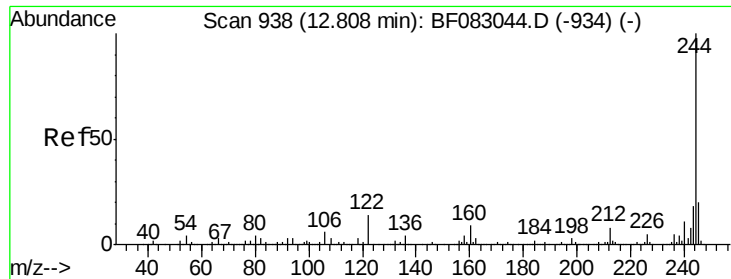
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083090.D
Acq: 20 Nov 2015 20:01

Tgt Ion:240 Resp: 369796
Ion Ratio Lower Upper
240 100
120 9.5 5.3 7.9#
236 26.0 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

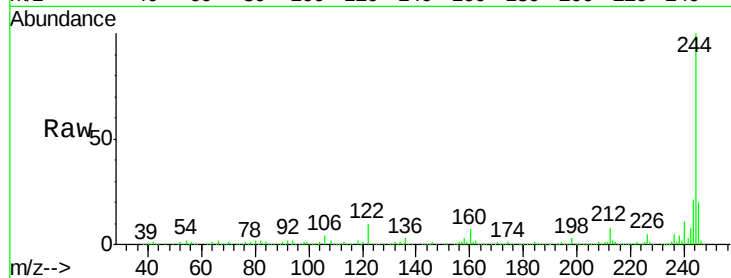




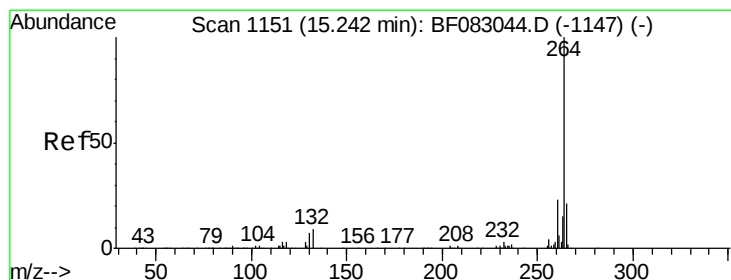
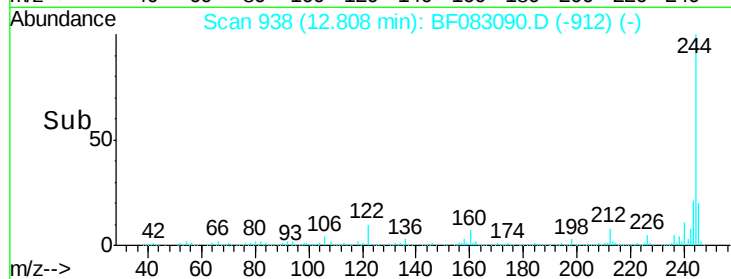
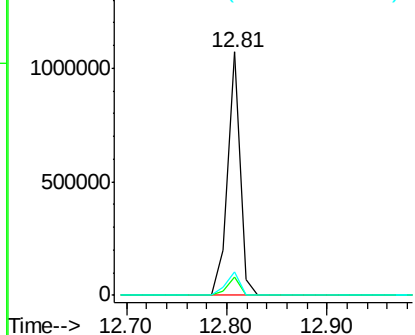
#78
 Terphenyl-d14
 Concen: 58.91 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 922748
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 9.8 10.9 16.3#

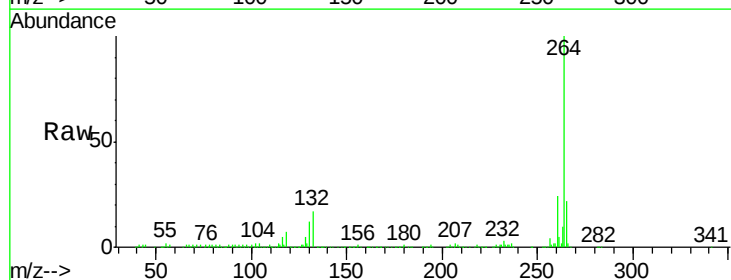


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083090.D
 Acq: 20 Nov 2015 20:01

Tgt Ion:264 Resp: 289647
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.0 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

