

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083104.D
 Acq On : 21 Nov 2015 5:00
 Operator : UM/IZ
 Sample : G4486-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Nov 21 06:11:01 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

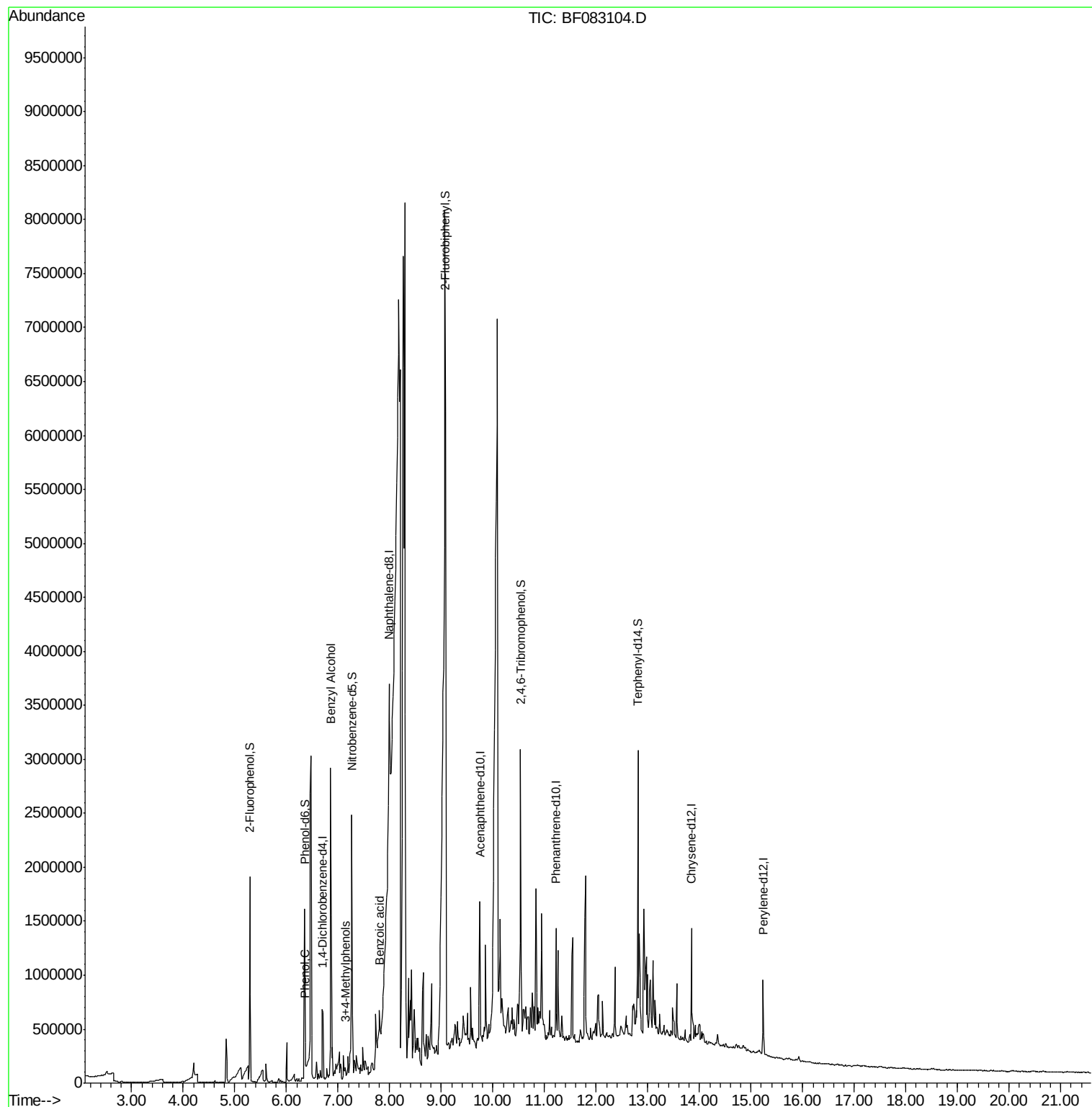
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	143065	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	459063	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	247239	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	379175	20.00	ng	0.00
75) Chrysene-d12	13.85	240	366517	20.00	ng	-0.01
86) Perylene-d12	15.23	264	293084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	553995	60.14	ng	0.00
7) Phenol-d6	6.35	99	498611	41.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	855241	85.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	275656	105.01	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1291280	70.34	ng	-0.01
78) Terphenyl-d14	12.81	244	754983	48.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.36	94	28544	2.02	ng	86
15) Benzyl Alcohol	6.85	79	62185	6.23	ng	88
20) 3+4-Methylphenols	7.14	107	29107	2.60	ng	88
32) Benzoic acid	7.80	122	285896	64.30	ng	93

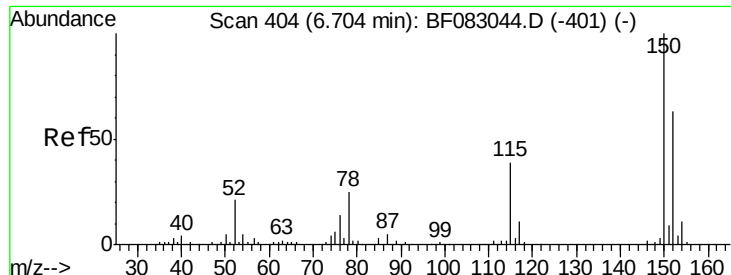
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

Instrument :

BNA_F

ClientSampleId :

MW-20

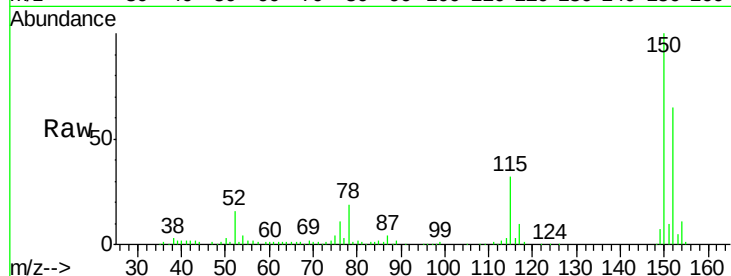
Tot Ion:152 Resp: 143065

Ion Ratio Lower Upper

152 100

150 153.9 126.4 189.6

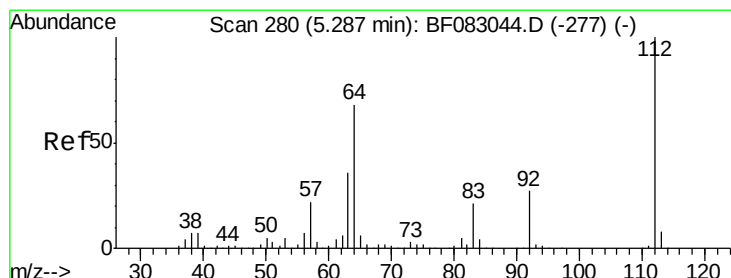
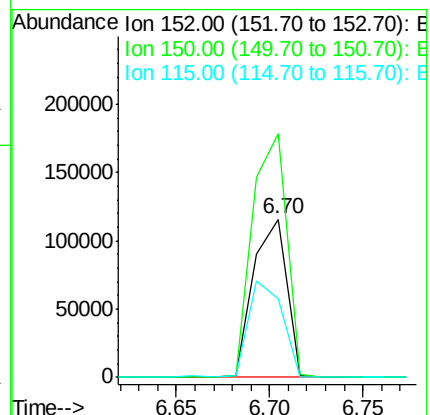
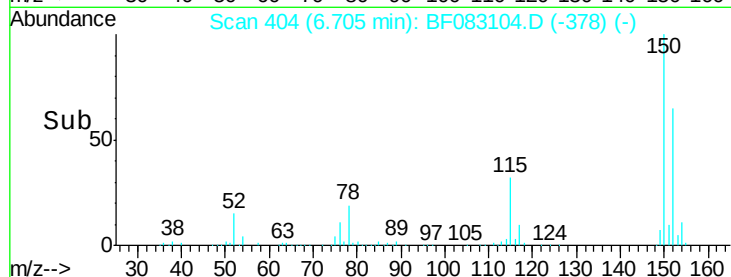
115 49.9 49.0 73.6



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: 60.14 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

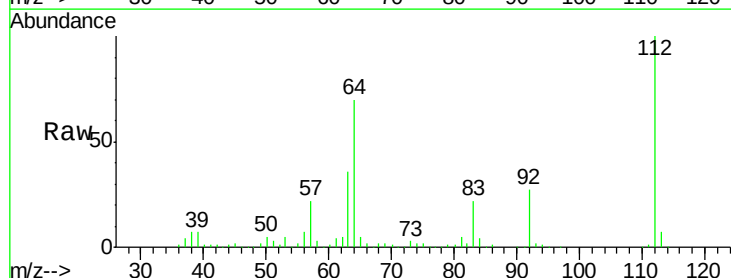
Tgt Ion:112 Resp: 553995

Ion Ratio Lower Upper

112 100

64 70.4 54.8 82.2

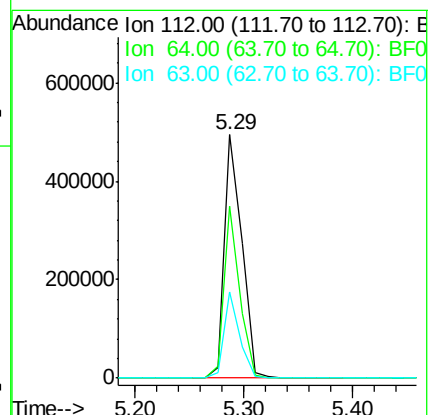
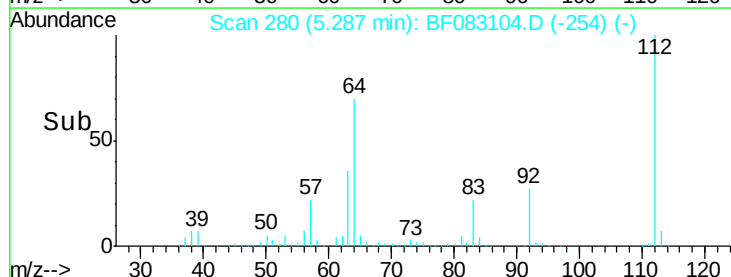
63 35.6 29.0 43.4

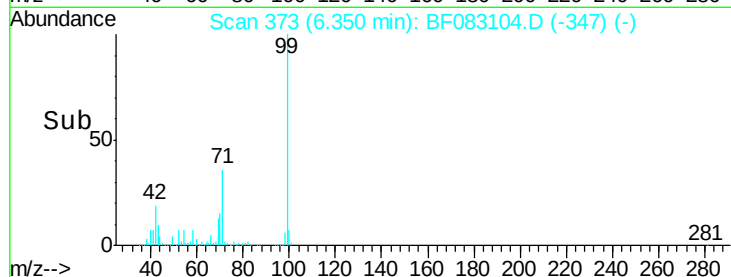
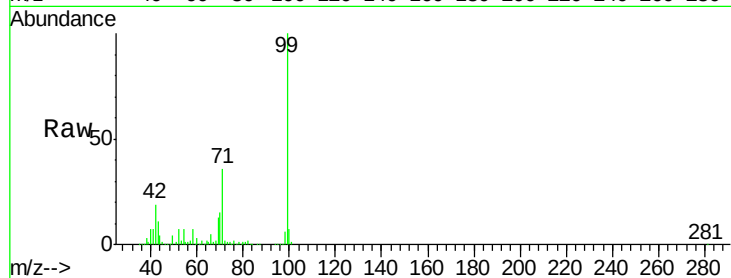
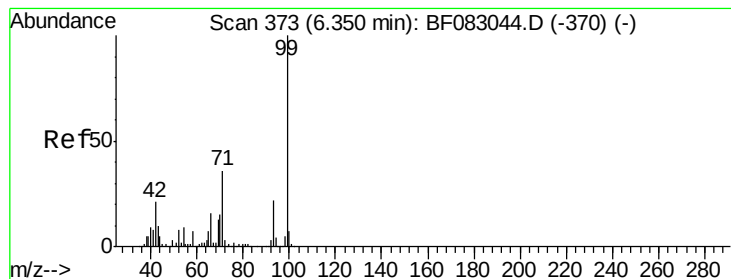


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.10 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

Instrument :

BNA_F

ClientSampleId :

MW-20

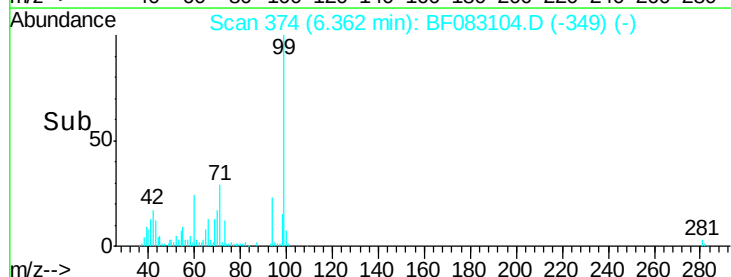
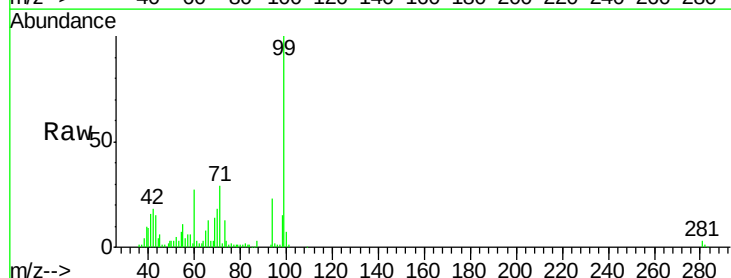
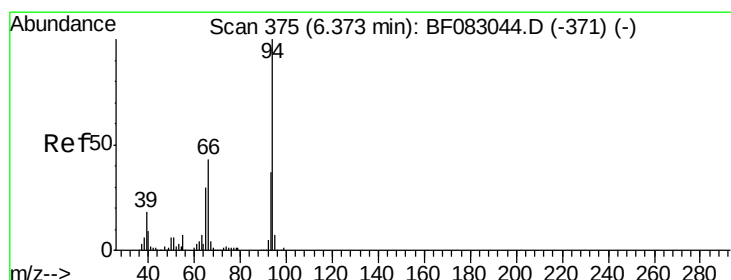
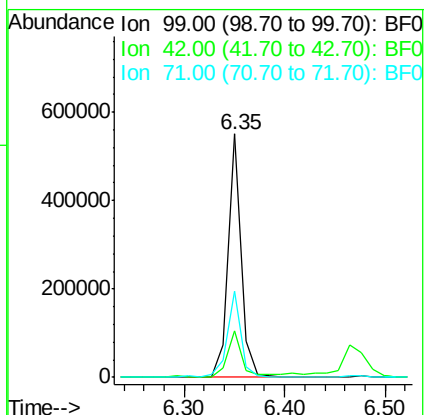
Tot Ion: 99 Resp: 498611

Ion Ratio Lower Upper

99 100

42 19.3 16.6 25.0

71 35.6 29.2 43.8



#10

Phenol

Concen: 2.02 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

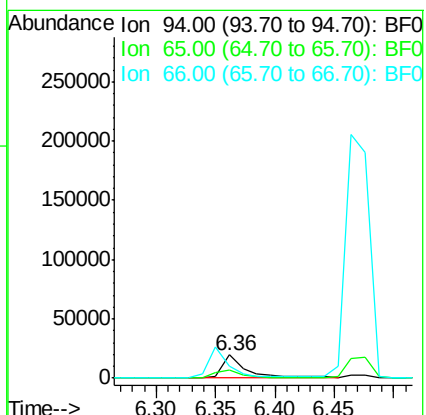
Tgt Ion: 94 Resp: 28544

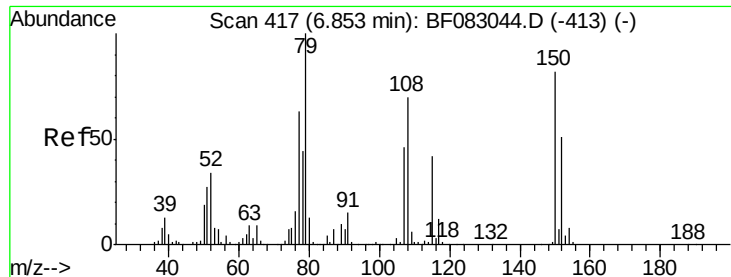
Ion Ratio Lower Upper

94 100

65 35.1 10.1 50.1

66 54.8 23.2 63.2

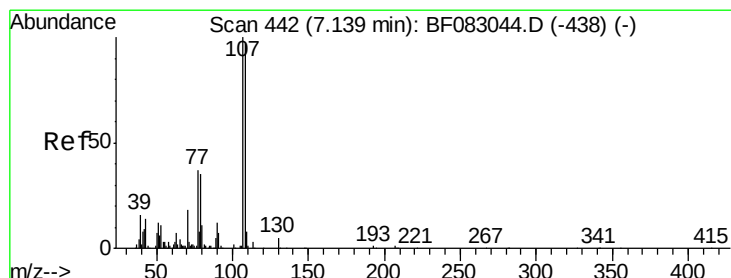
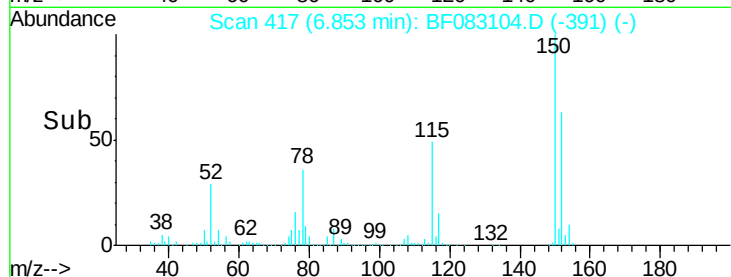
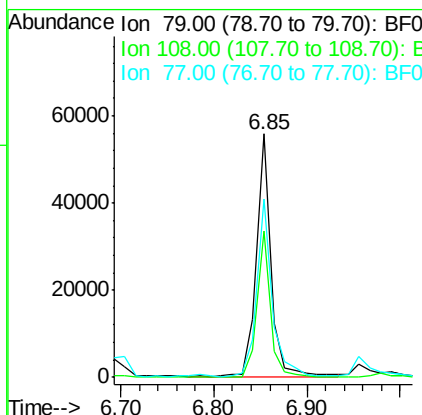
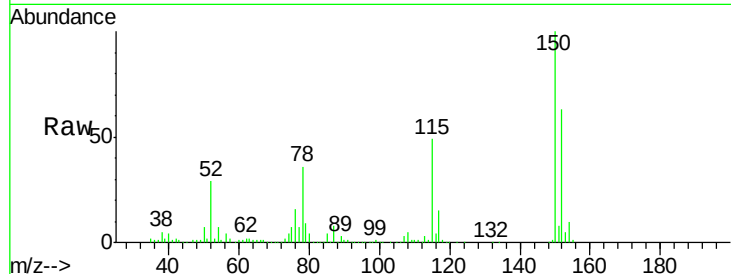




#15
Benzyl Alcohol
Concen: 6.23 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF083104.D
Acq: 21 Nov 2015 5:00

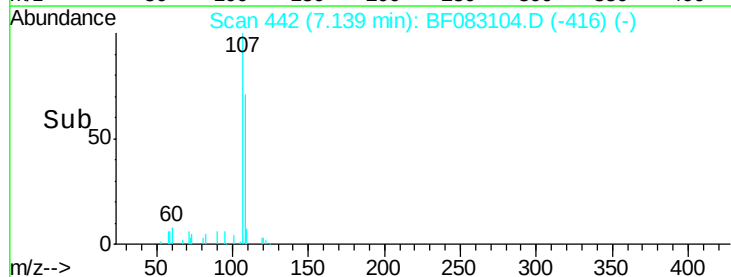
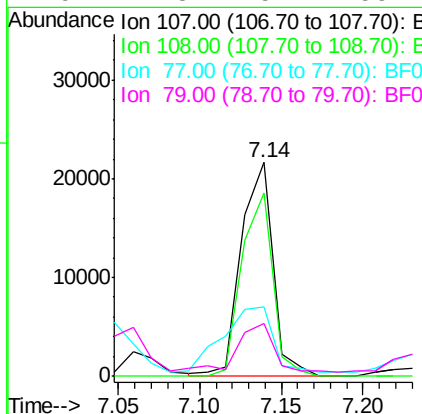
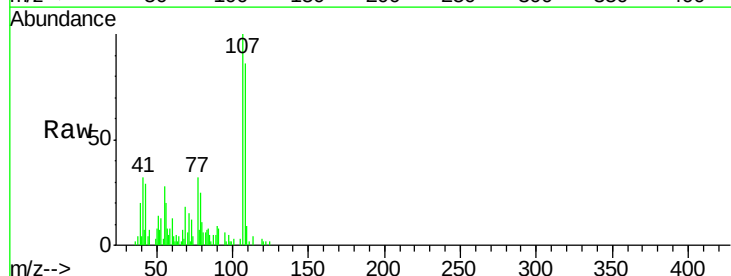
Instrument :
BNA_F
ClientSampleId :
MW-20

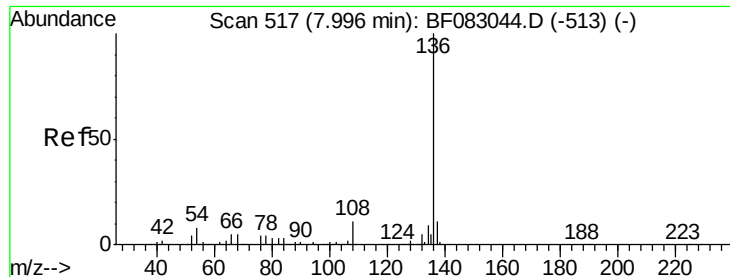
Tot Ion	Ratio	Lower	Upper
79	100		
108	60.2	55.7	83.5
77	73.1	50.7	76.1



#20
3+4-Methylphenols
Concen: 2.60 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083104.D
Acq: 21 Nov 2015 5:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	77.4	117.4
77	32.1	16.7	56.7
79	24.8	15.2	55.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

Instrument :

BNA_F

ClientSampleId :

MW-20

Tot Ion:136 Resp: 459063

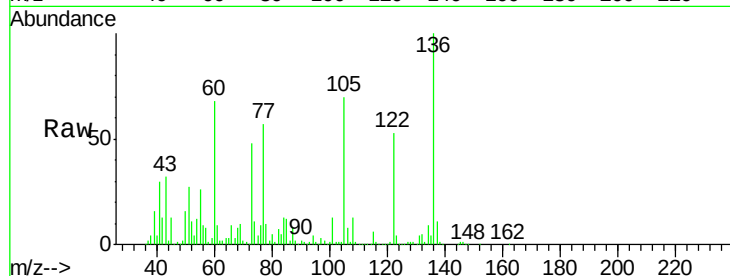
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 12.3 6.2 9.2#

68 8.4 4.2 6.2#

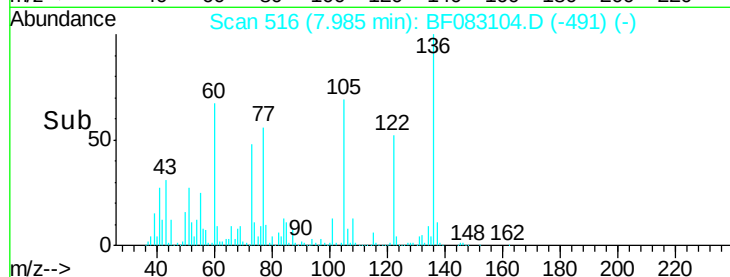


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

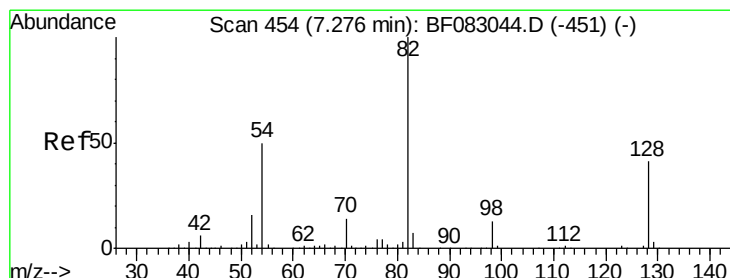
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 85.29 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

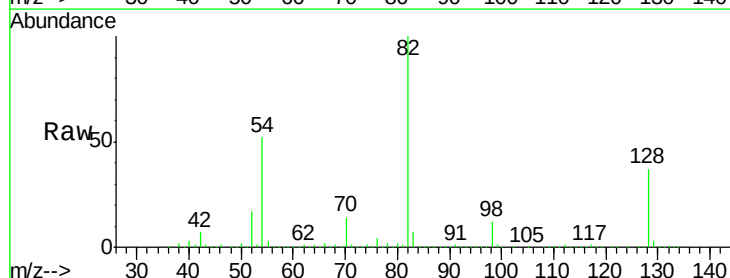
Tgt Ion: 82 Resp: 855241

Ion Ratio Lower Upper

82 100

128 36.6 33.1 49.7

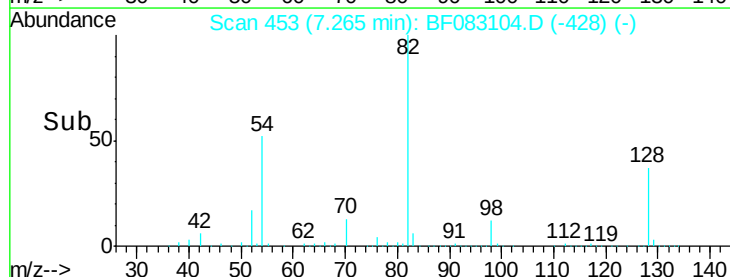
54 52.2 39.8 59.6



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



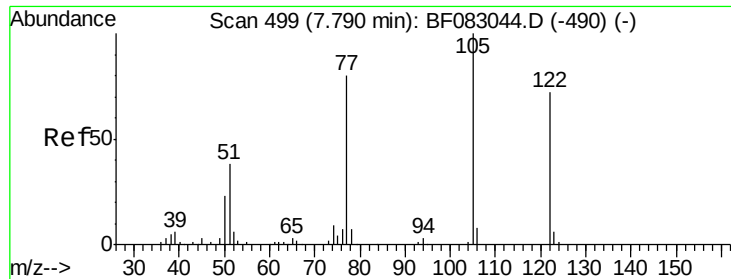
Abundance

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

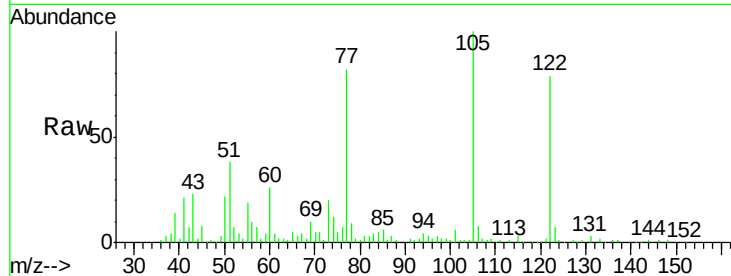
Time-->



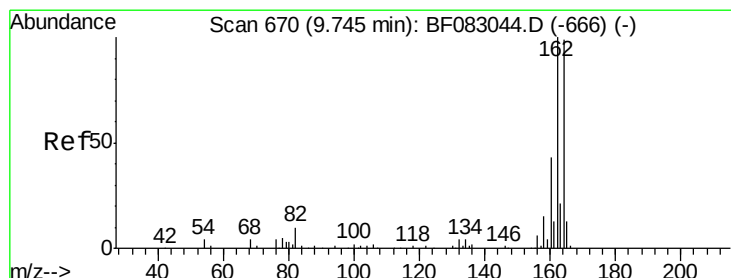
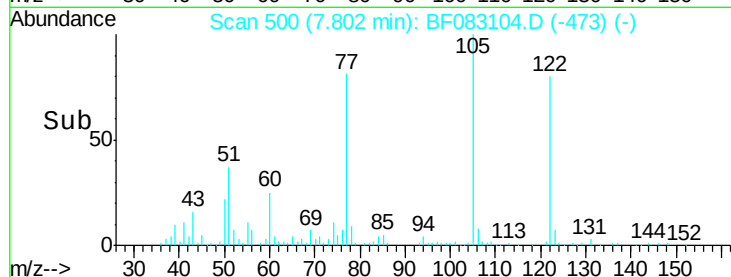
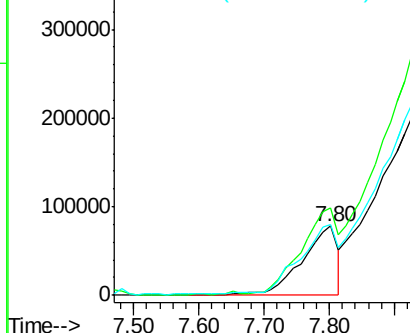
#32
Benzoic acid
Concen: 64.30 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF083104.D
Acq: 21 Nov 2015 5:00

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:122 Resp: 285896
Ion Ratio Lower Upper
122 100
105 125.9 115.0 155.0
77 103.0 89.0 129.0

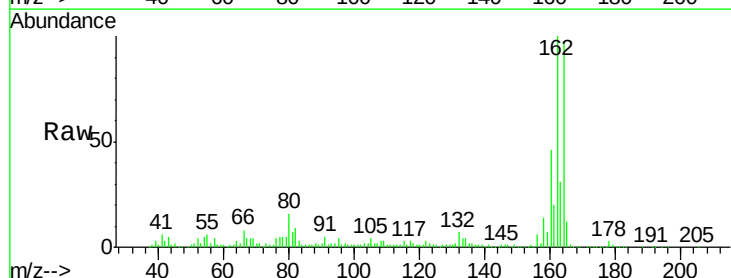


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

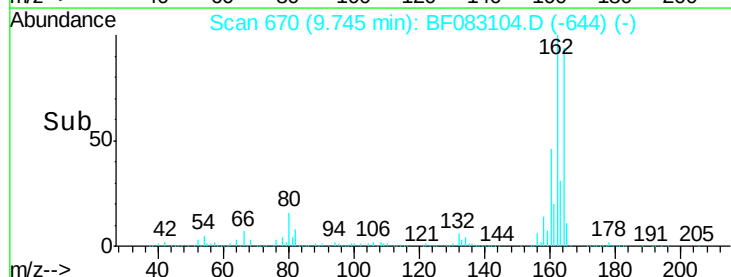
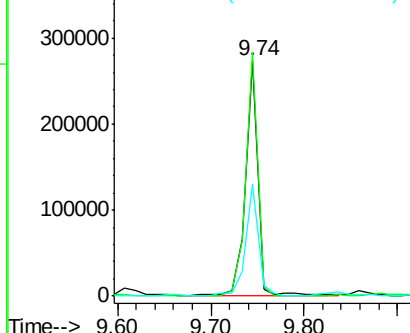


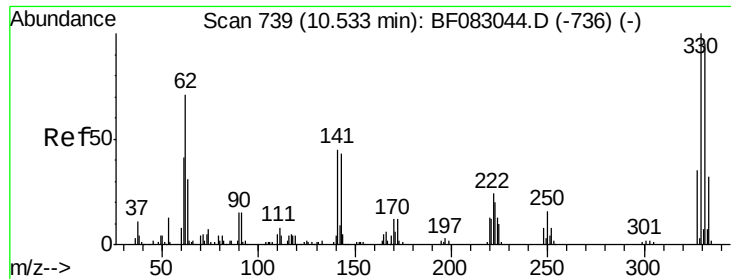
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083104.D
Acq: 21 Nov 2015 5:00

Tgt Ion:164 Resp: 247239
Ion Ratio Lower Upper
164 100
162 103.5 80.5 120.7
160 47.7 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

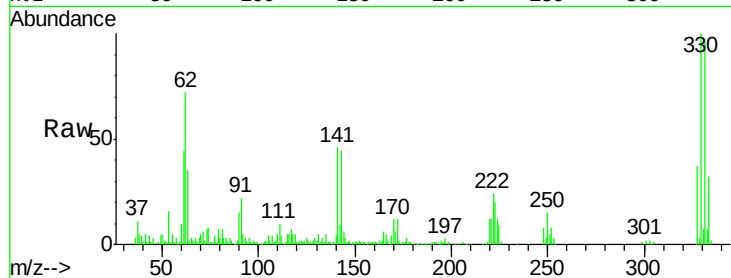




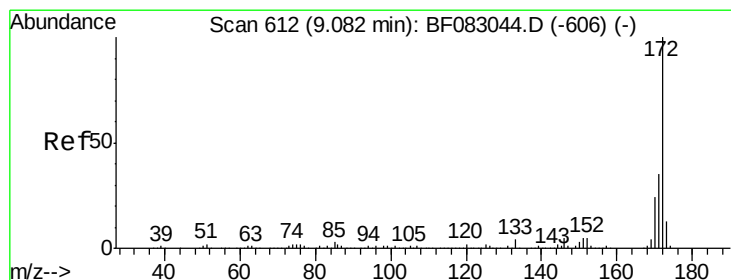
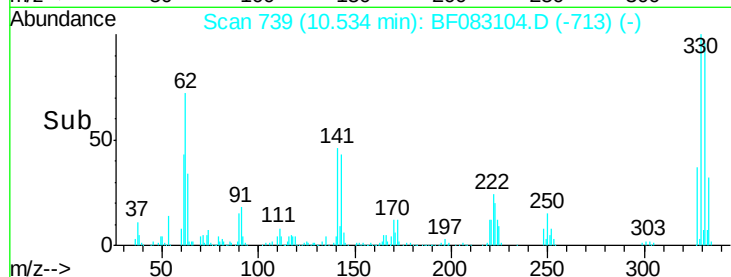
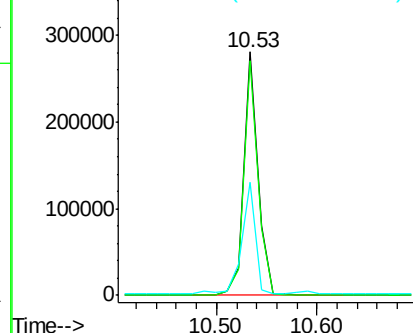
#41
 2,4,6-Tribromophenol
 Concen: 105.01 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083104.D
 Acq: 21 Nov 2015 5:00

Instrument :
 BNA_F
 ClientSampled :
 MW-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	45.3	34.6	52.0

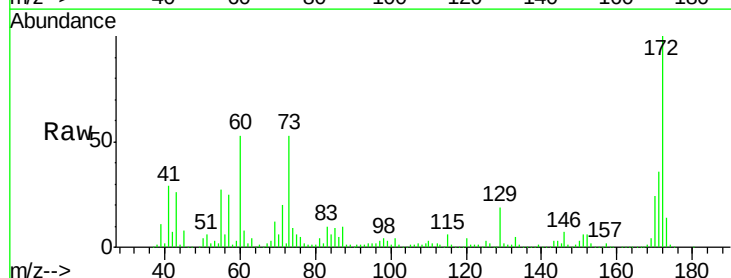


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

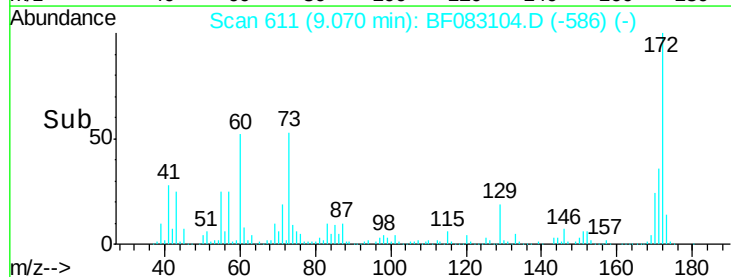
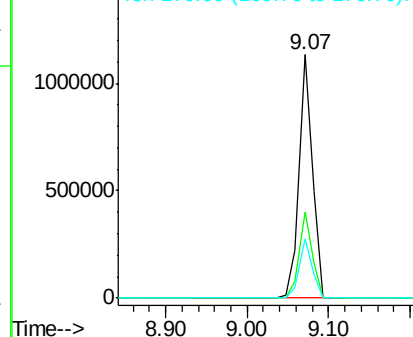


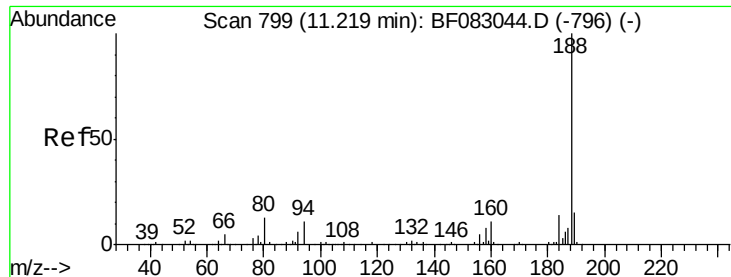
#44
 2-Fluorobiphenyl
 Concen: 70.34 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083104.D
 Acq: 21 Nov 2015 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	24.5	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

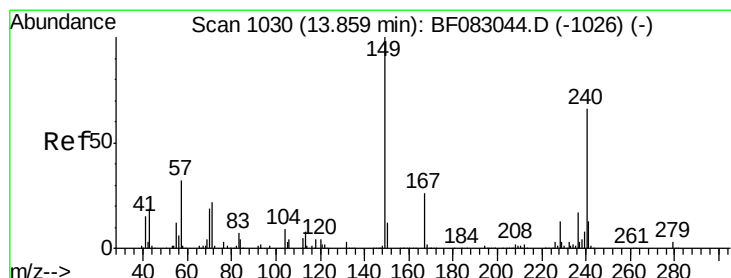
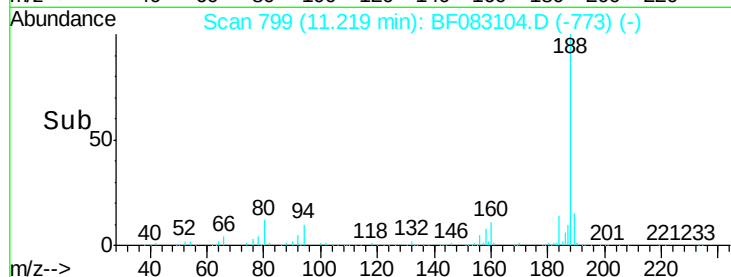
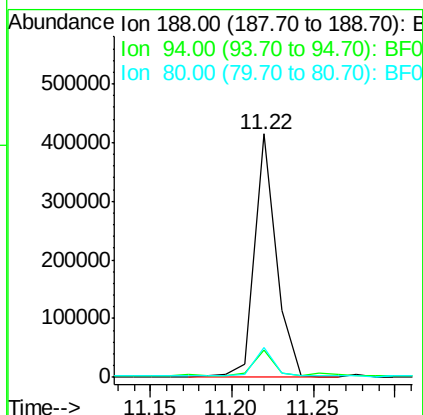
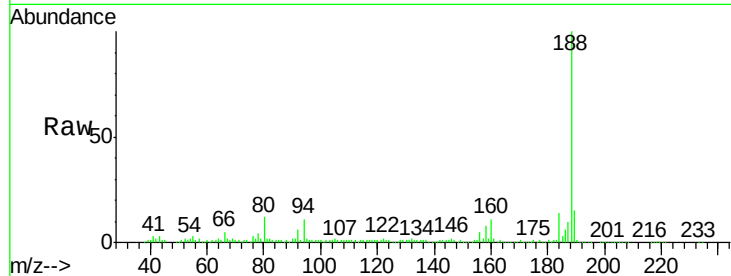




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083104.D
Acq: 21 Nov 2015 5:00

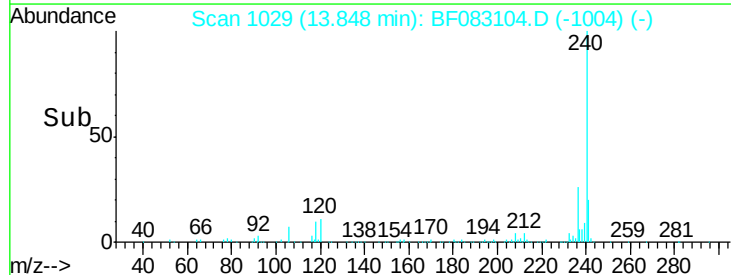
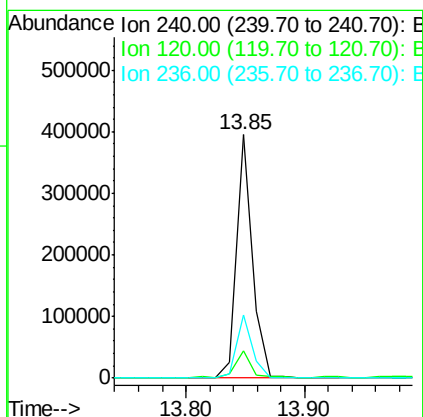
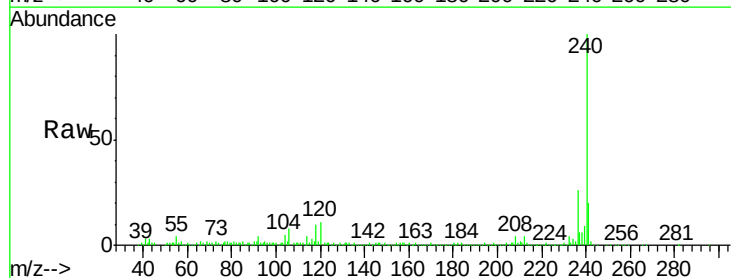
Instrument :
BNA_F
ClientSampled :
MW-20

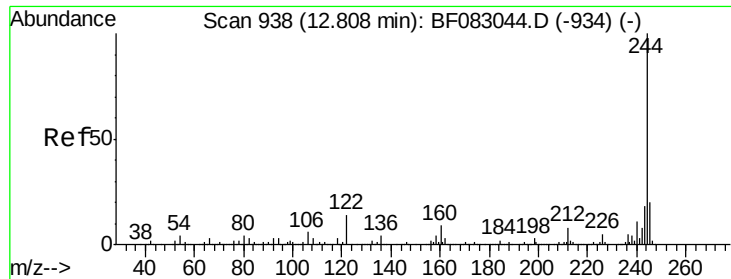
Tot Ion:188 Resp: 379175
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.4
80 12.2 10.2 15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083104.D
Acq: 21 Nov 2015 5:00

Tgt Ion:240 Resp: 366517
Ion Ratio Lower Upper
240 100
120 11.1 5.3 7.9#
236 25.9 20.4 30.6





#78

Terphenyl-d14

Concen: 48.63 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083104.D

Acq: 21 Nov 2015 5:00

Instrument :

BNA_F

ClientSampleId :

MW-20

Tot Ion:244 Resp: 754983

Ion Ratio Lower Upper

244 100

212 7.8

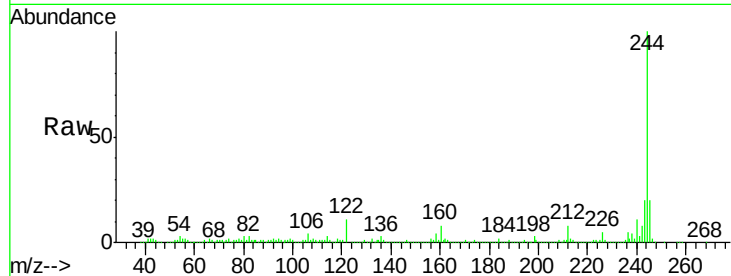
6.4

9.6

122 10.7

10.9

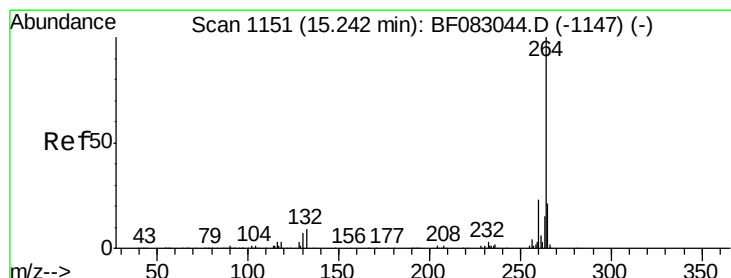
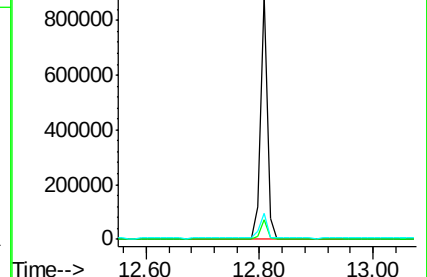
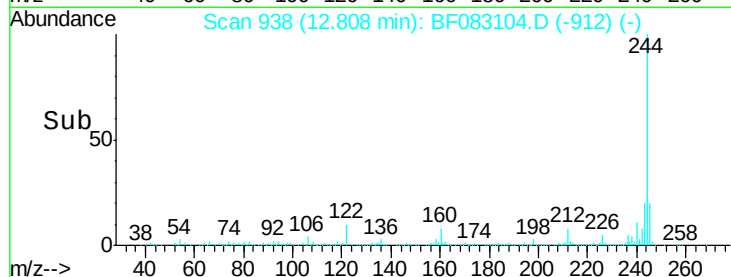
16.3#



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: BF083104.D

Acq: 21 Nov 2015 5:00

Tgt Ion:264 Resp: 293084

Ion Ratio Lower Upper

264 100

260 23.1

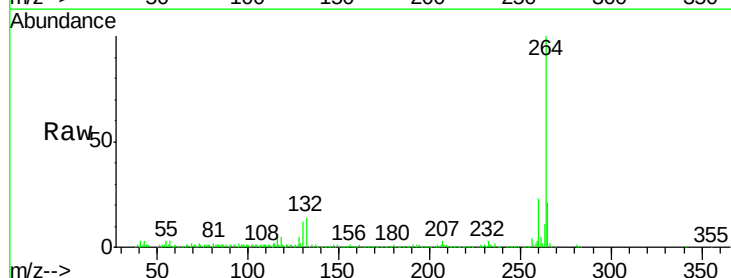
18.6

27.8

265 20.6

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

