

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083075.D
 Acq On : 20 Nov 2015 11:52
 Operator : UM/IZ
 Sample : G4438-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WMT

Quant Time: Nov 20 15:23:47 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

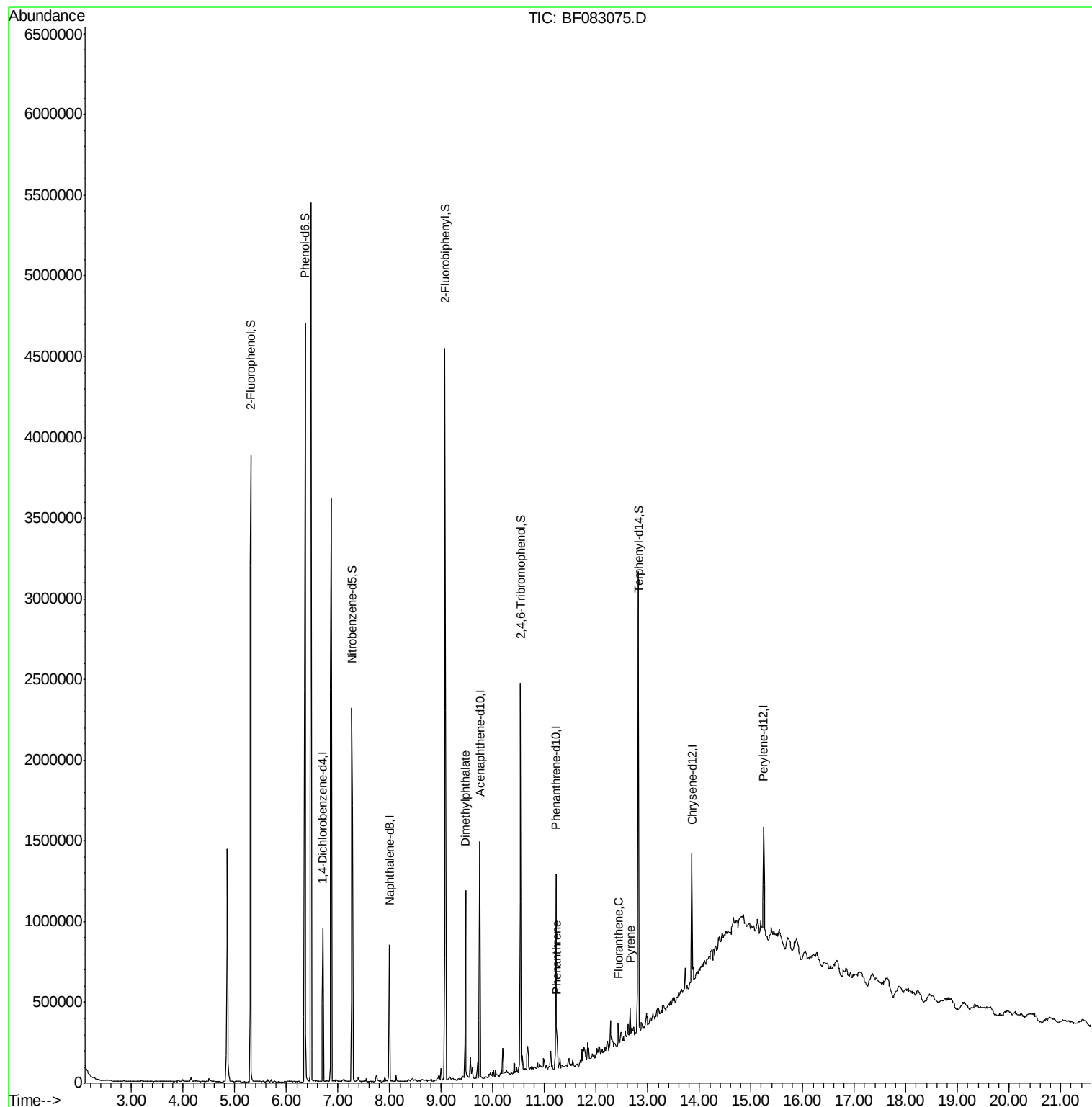
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162656	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	565969	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	284687	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	419811	20.00	ng	0.00
75) Chrysene-d12	13.86	240	365485	20.00	ng	0.00
86) Perylene-d12	15.24	264	302323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1427653	136.32	ng	0.02
7) Phenol-d6	6.36	99	1717470	124.52	ng	0.01
23) Nitrobenzene-d5	7.26	82	1109749	89.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	283875	93.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1740407	82.34	ng	-0.01
78) Terphenyl-d14	12.82	244	1312301	84.76	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	419453	17.90	ng	Qvalue 100
70) Phenanthrene	11.24	178	65966	2.60	ng	98
74) Fluoranthene	12.43	202	56176	2.13	ng	96
77) Pyrene	12.66	202	88509	3.44	ng	94

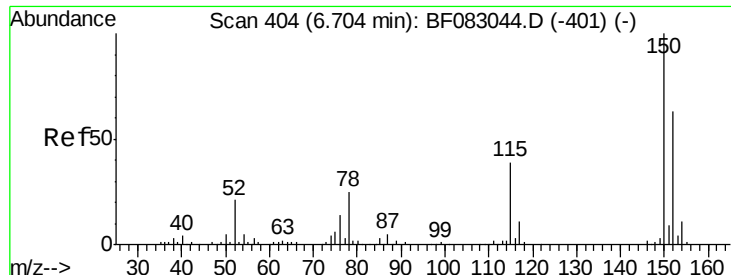
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

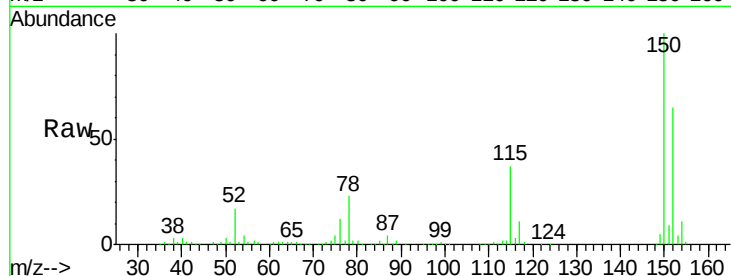
Tot Ion:152 Resp: 162656

Ion Ratio Lower Upper

152 100

150 154.5 126.4 189.6

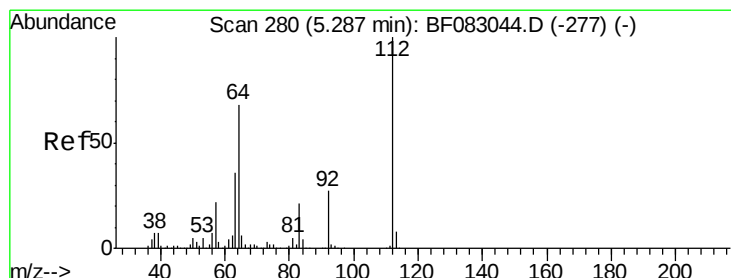
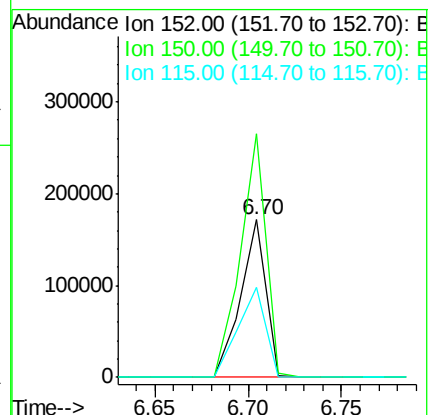
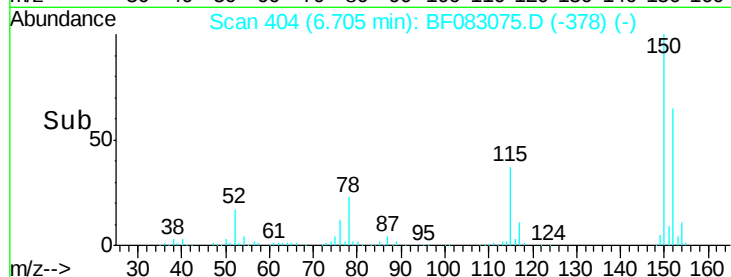
115 57.2 49.0 73.6



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: 136.32 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

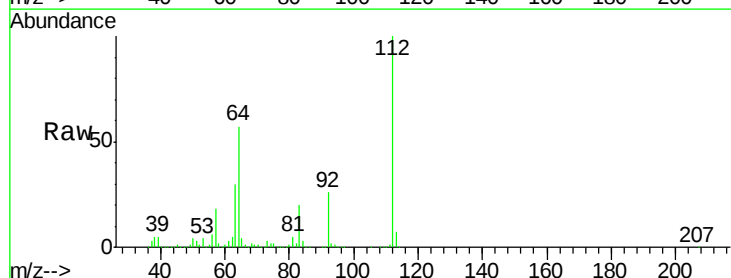
Tgt Ion:112 Resp: 1427653

Ion Ratio Lower Upper

112 100

64 57.2 54.8 82.2

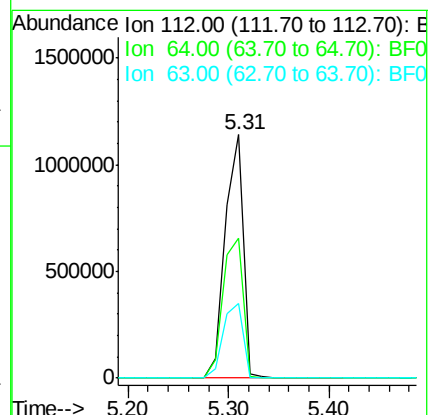
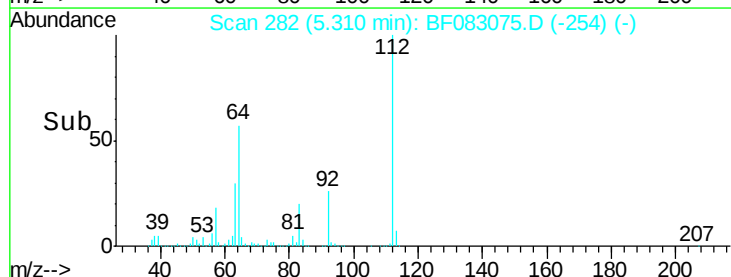
63 30.5 29.0 43.4

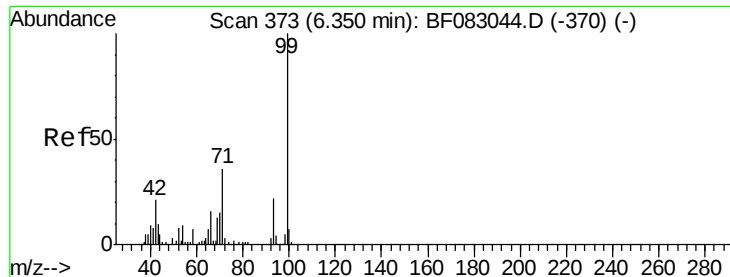


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.52 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

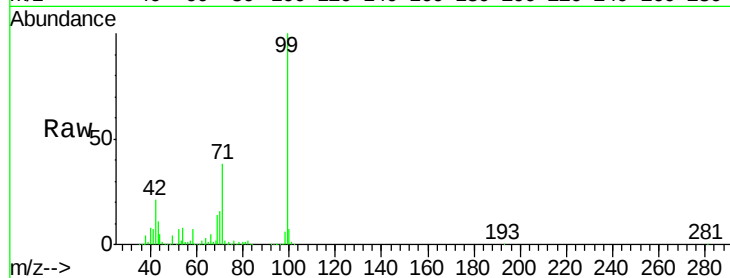
Tot Ion: 99 Resp: 1717470

Ion Ratio Lower Upper

99 100

42 20.7 16.6 25.0

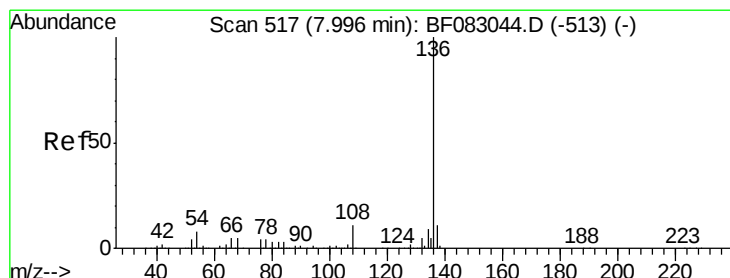
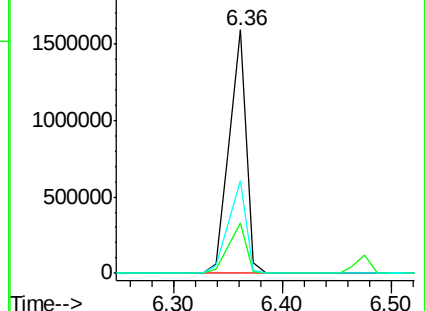
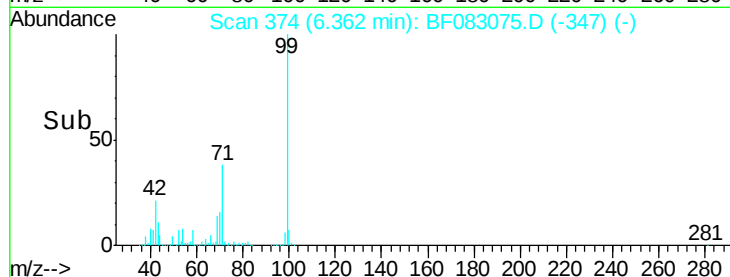
71 38.3 29.2 43.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Tgt Ion: 136 Resp: 565969

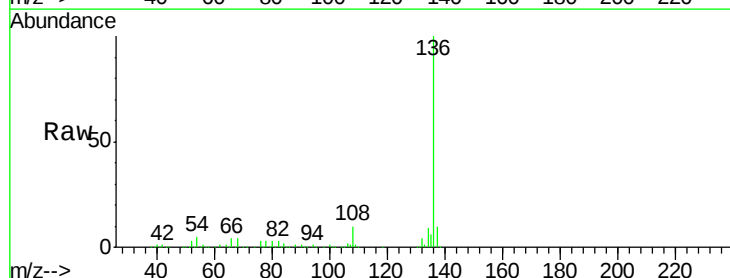
Ion Ratio Lower Upper

136 100

137 10.1 8.6 12.8

54 5.1 6.2 9.2#

68 3.7 4.2 6.2#

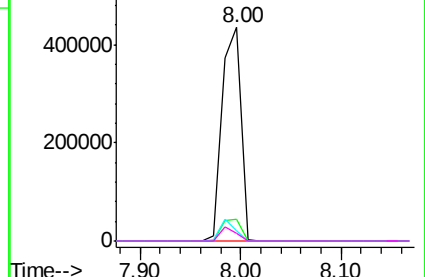
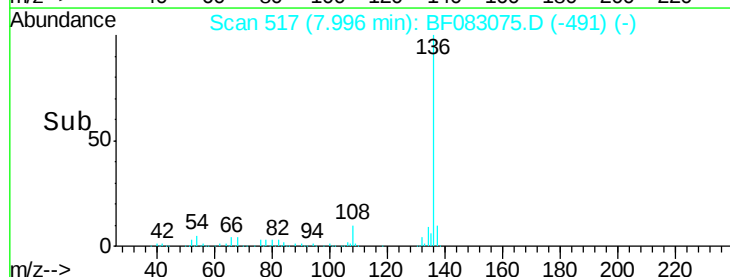


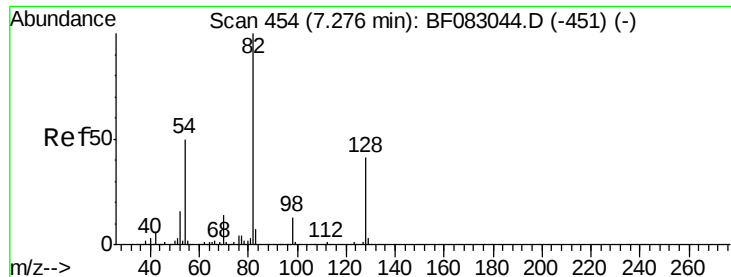
Abundance Ion 136.00 (135.70 to 136.70): E

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



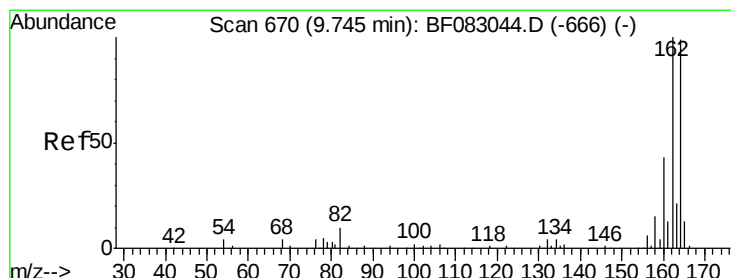
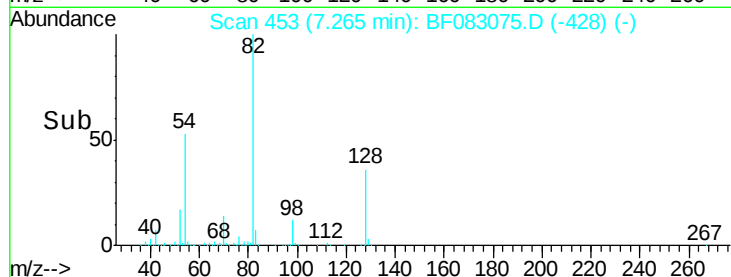
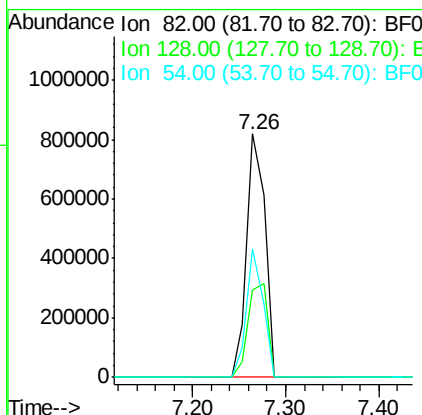
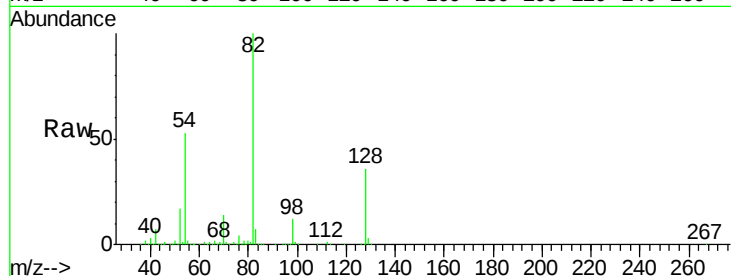


#23
 Nitrobenzene-d5
 Concen: 89.77 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083075.D
 Acq: 20 Nov 2015 11:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-WMT

Tot Ion: 82 Resp: 1109749

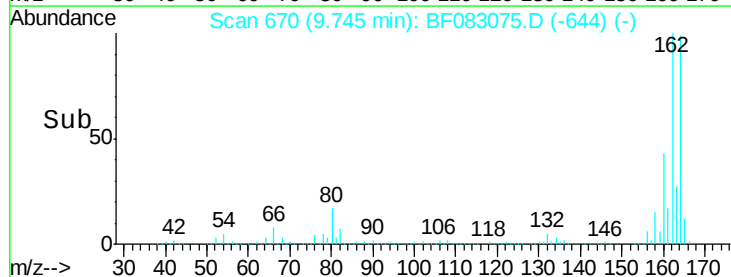
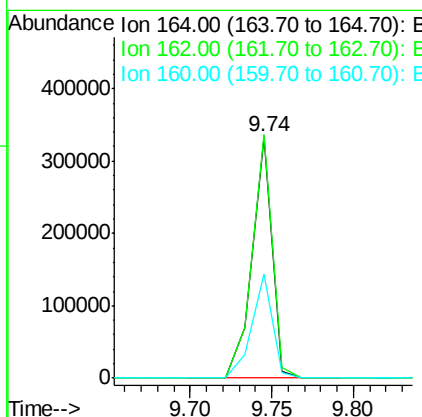
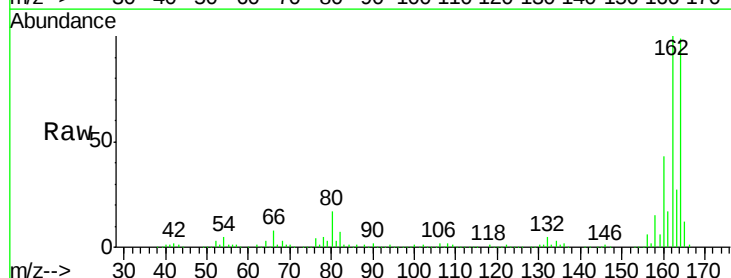
Ion	Ratio	Lower	Upper
82	100		
128	35.7	33.1	49.7
54	52.9	39.8	59.6

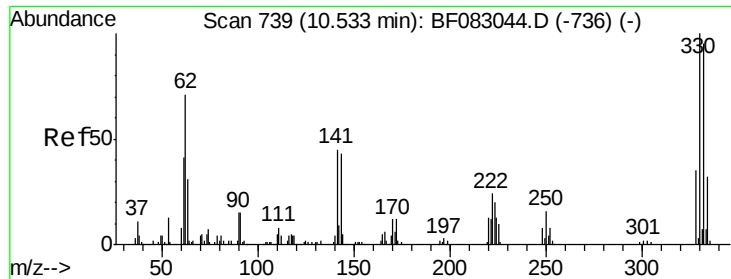


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083075.D
 Acq: 20 Nov 2015 11:52

Tgt Ion:164 Resp: 284687

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	43.3	35.0	52.4

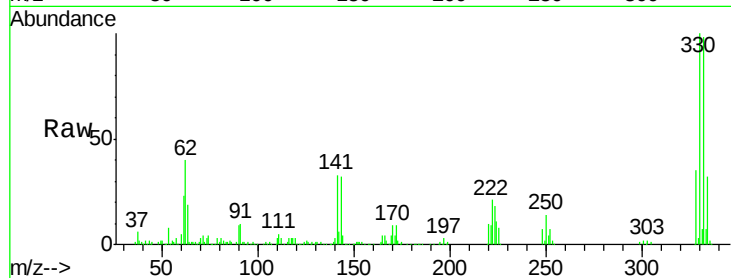




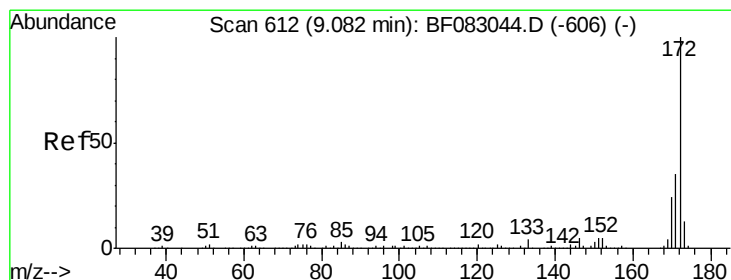
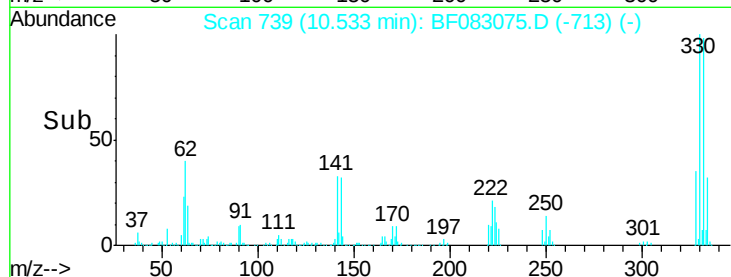
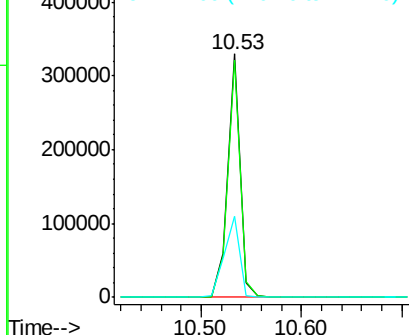
#41
 2,4,6-Tribromophenol
 Concen: 93.92 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083075.D
 Acq: 20 Nov 2015 11:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-WMT

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	41.3	34.6	52.0

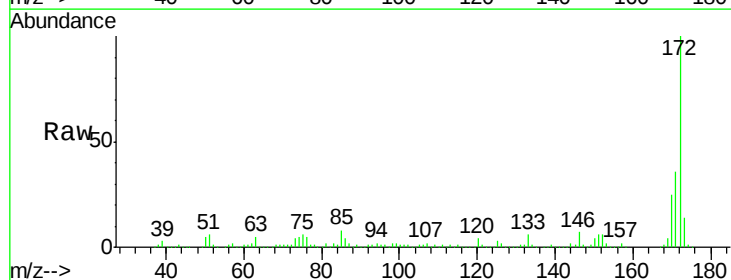


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

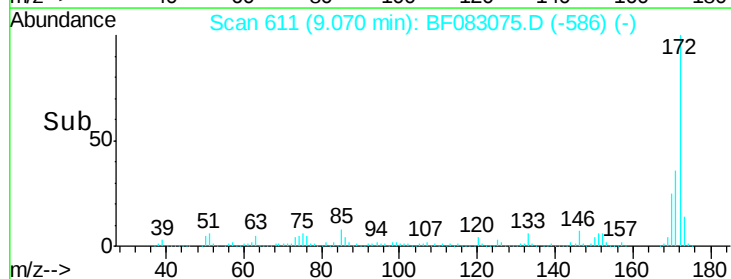
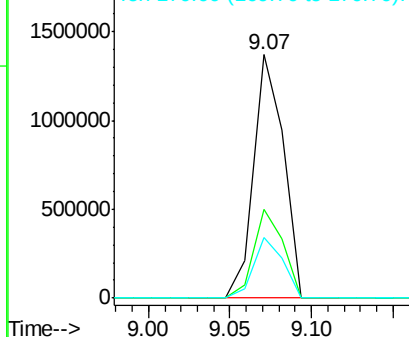


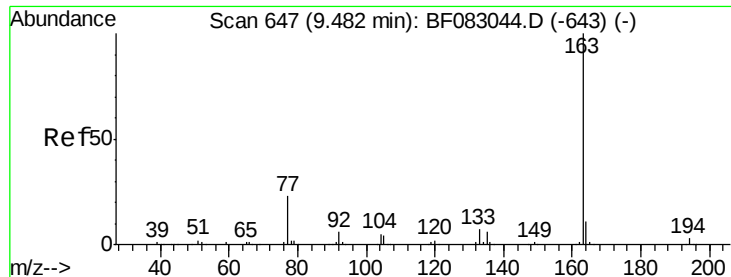
#44
 2-Fluorobiphenyl
 Concen: 82.34 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083075.D
 Acq: 20 Nov 2015 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	24.8	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

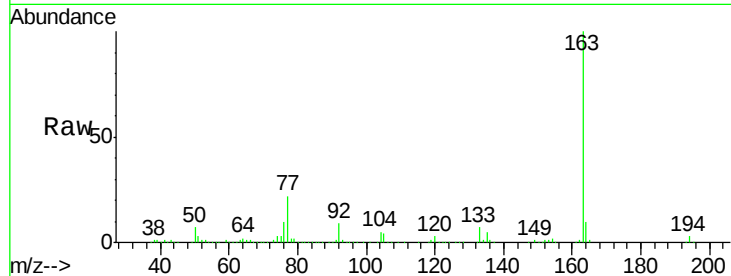




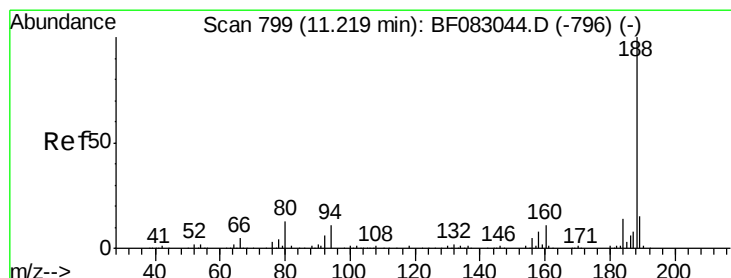
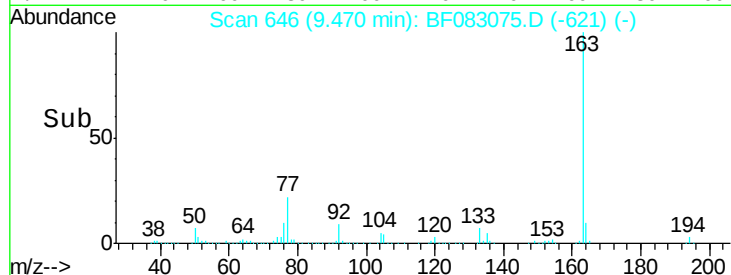
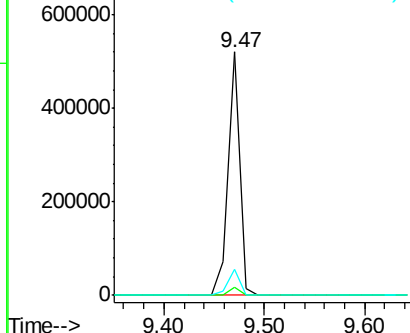
#49
Dimethylphthalate
Concen: 17.90 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Instrument :
BNA_F
ClientSampleId :
WC-WMT

Tot Ion:163 Resp: 419453
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.5 12.7

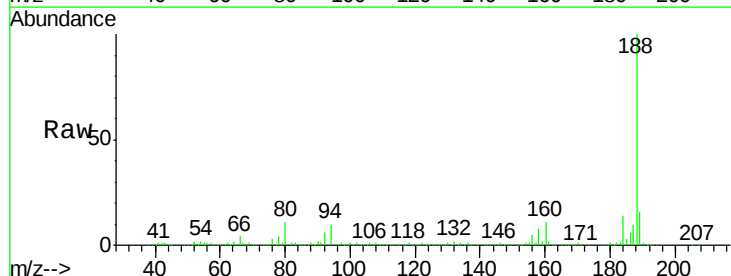


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

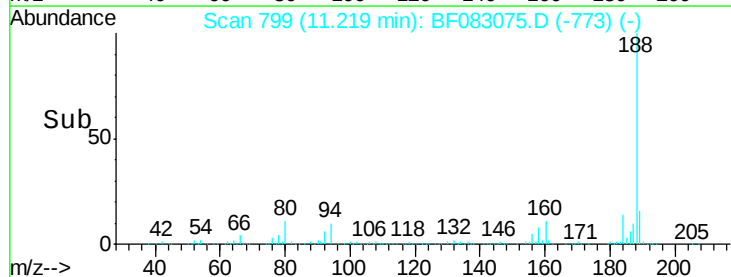
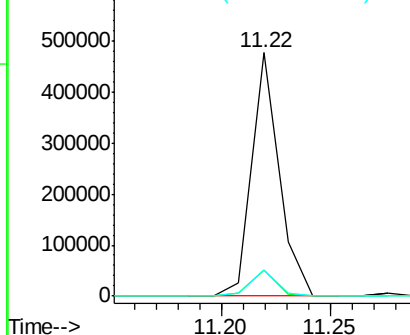


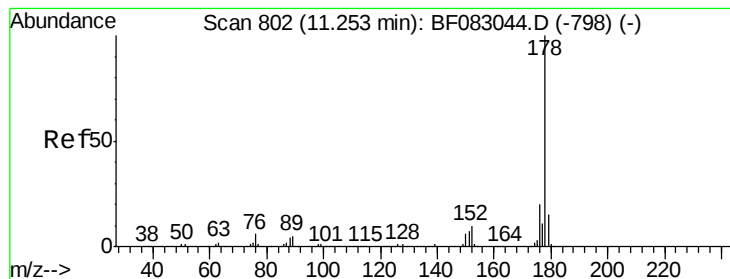
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Tgt Ion:188 Resp: 419811
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 10.9 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





#70

Phenanthrene

Concen: 2.60 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

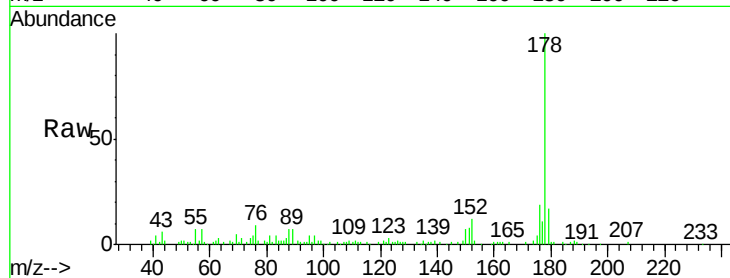
Tot Ion:178 Resp: 65966

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

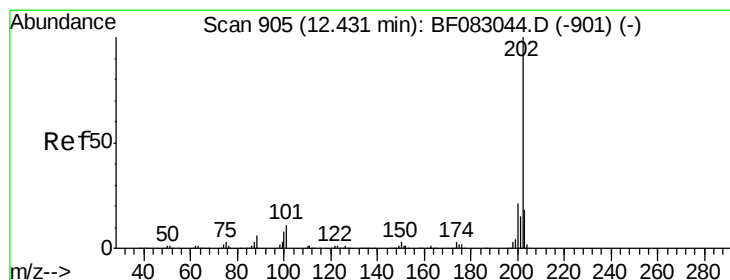
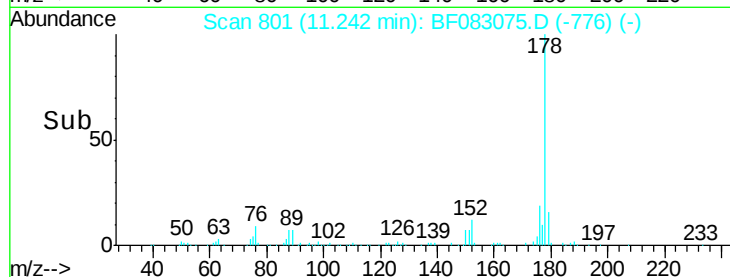
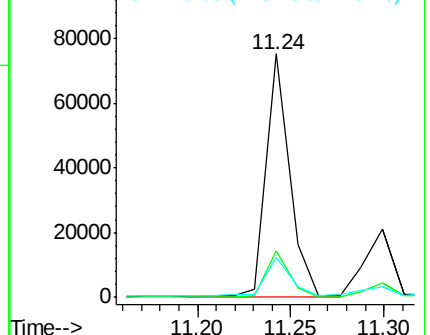
179 16.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.13 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

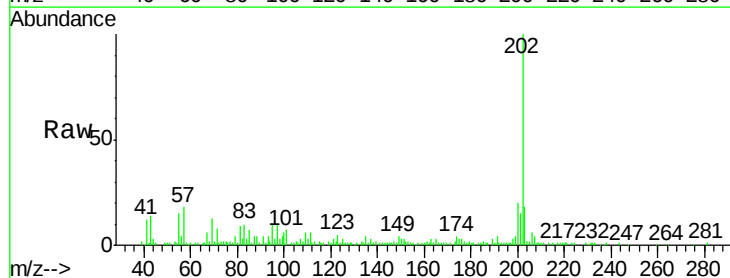
Tgt Ion:202 Resp: 56176

Ion Ratio Lower Upper

202 100

101 7.2 0.0 31.1

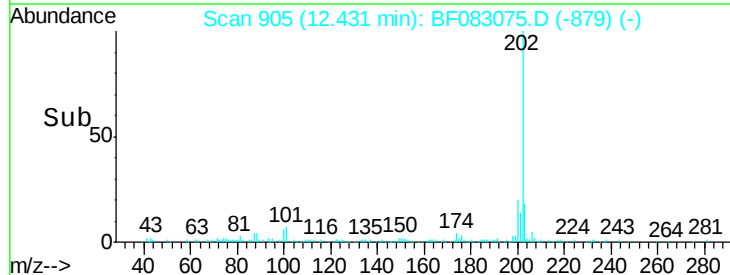
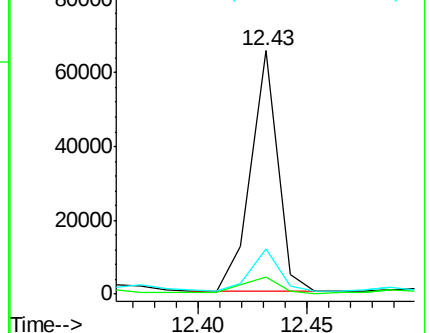
203 18.4 0.0 38.4

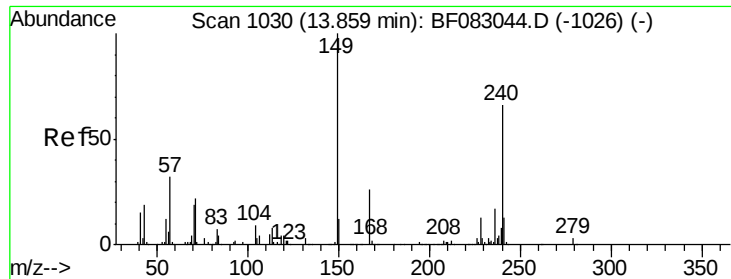


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

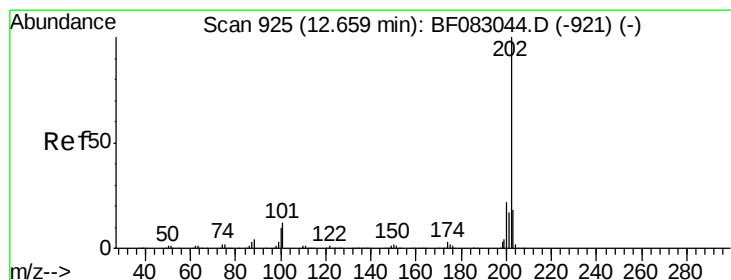
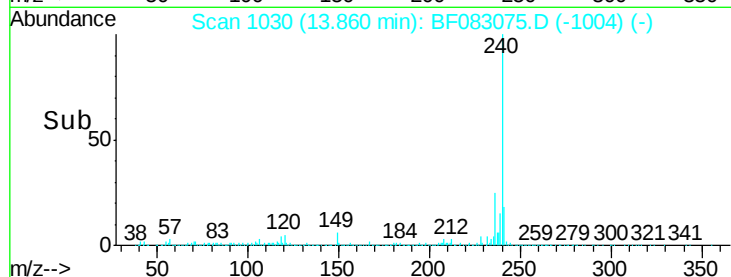
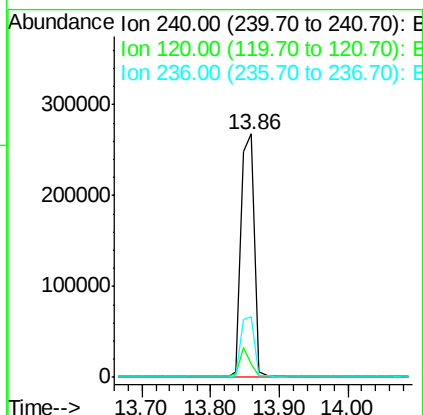
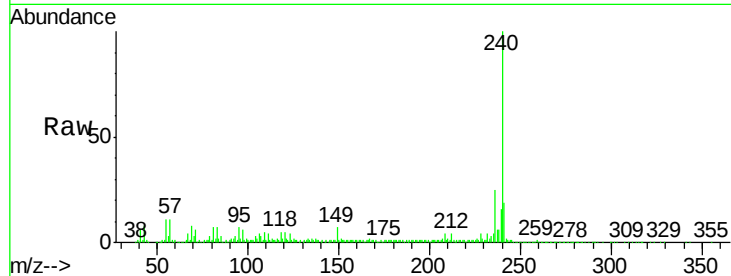




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

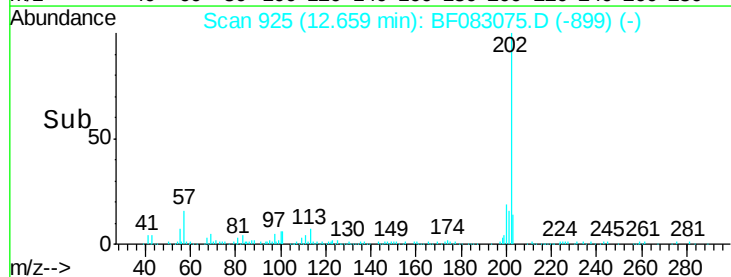
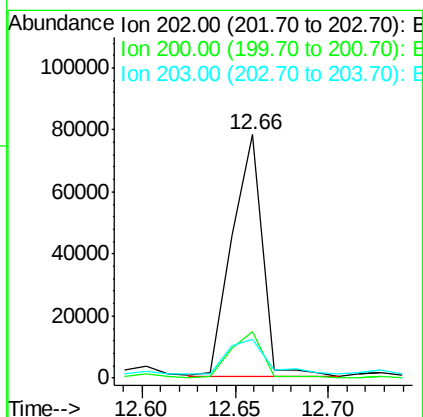
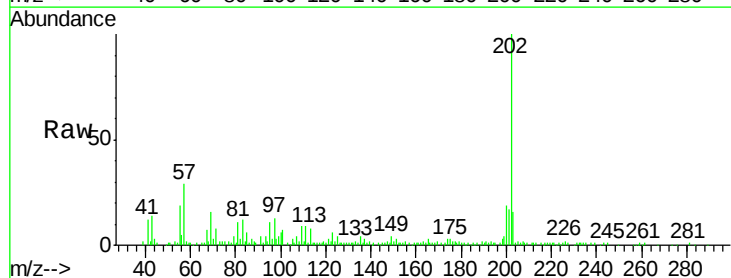
Instrument :
BNA_F
ClientSampleId :
WC-WMT

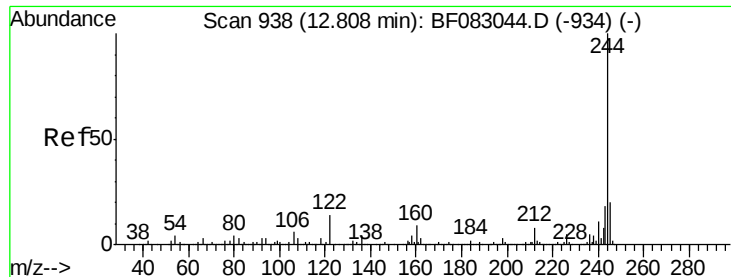
Tot Ion:240 Resp: 365485
Ion Ratio Lower Upper
240 100
120 5.3 5.3 7.9#
236 24.7 20.4 30.6



#77
Pyrene
Concen: 3.44 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Tgt Ion:202 Resp: 88509
Ion Ratio Lower Upper
202 100
200 19.0 17.6 26.4
203 15.9 14.6 22.0





#78

Terphenyl-d14

Concen: 84.76 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

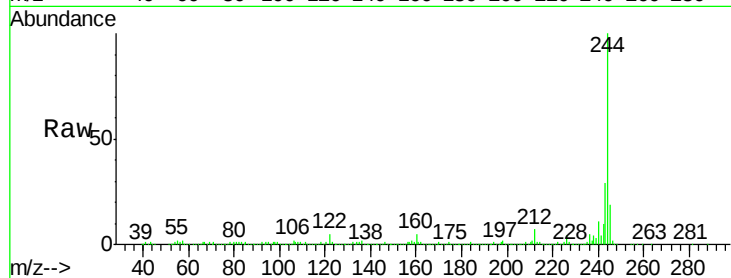
Tot Ion:244 Resp: 1312301

Ion Ratio Lower Upper

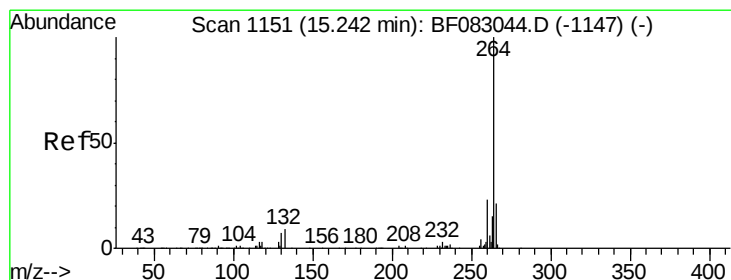
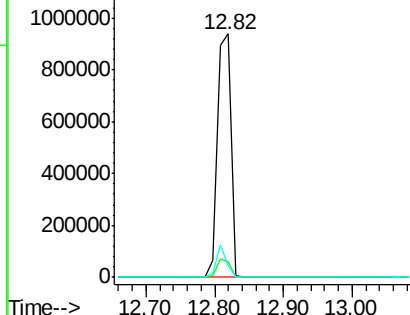
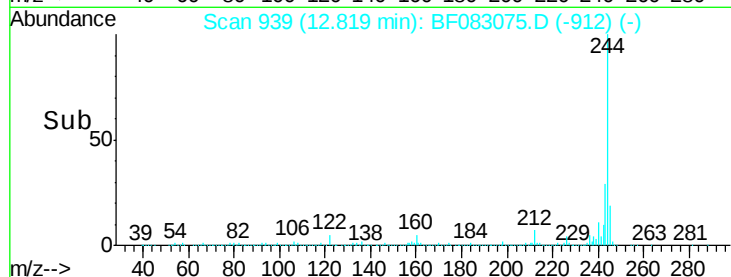
244 100

212 6.5 6.4 9.6

122 4.7 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: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

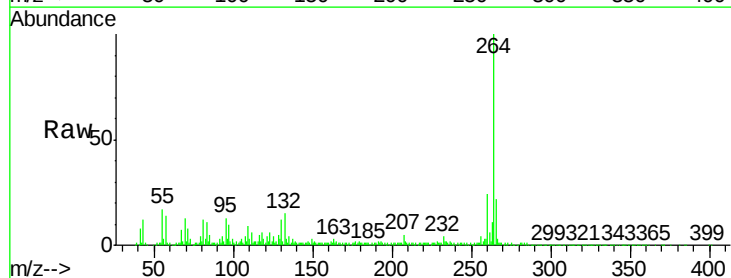
Tgt Ion:264 Resp: 302323

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.8 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

