

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083087.D
 Acq On : 20 Nov 2015 17:51
 Operator : UM/IZ
 Sample : G4426-05DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5DL

Quant Time: Nov 20 23:41:56 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

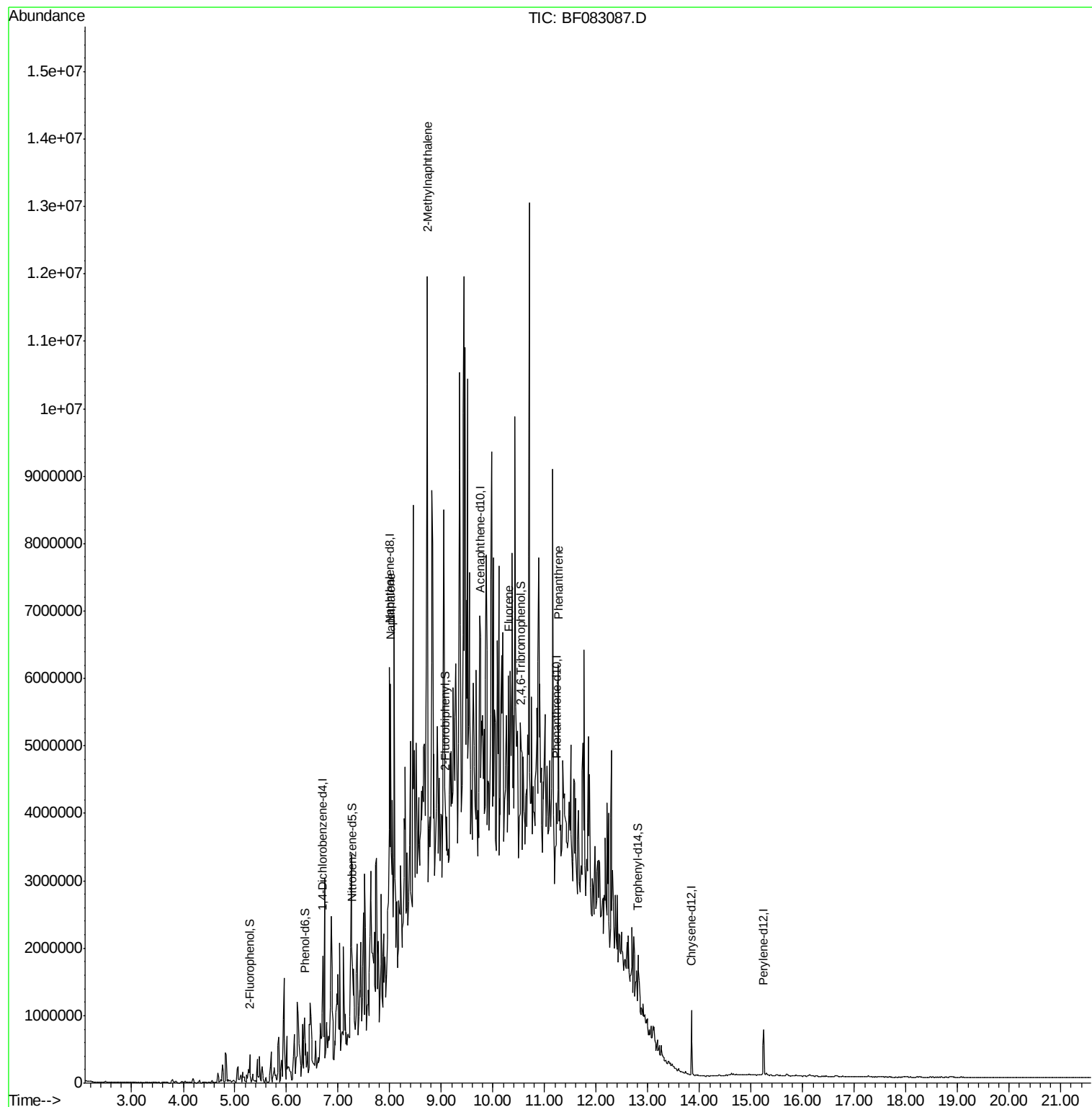
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	152904	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	496569	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	255749	20.00	ng	0.01
63) Phenanthrene-d10	11.23	188	356548	20.00	ng	0.01
75) Chrysene-d12	13.85	240	397973	20.00	ng	-0.01
86) Perylene-d12	15.24	264	329536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	122269	12.42	ng	0.00
7) Phenol-d6	6.35	99	204447	15.77	ng	0.00
23) Nitrobenzene-d5	7.26	82	181125	16.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	13395	4.93	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	228661	12.04	ng	0.00
78) Terphenyl-d14	12.81	244	183266	10.87	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	1682000	65.01	ng	Qvalue 97
37) 2-Methylnaphthalene	8.73	142	3291831	191.10	ng	97
57) Fluorene	10.30	166	418752	21.81	ng	# 86
70) Phenanthrene	11.26	178	1238963	57.60	ng	# 95

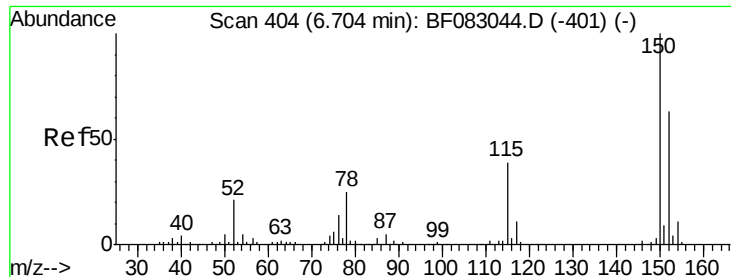
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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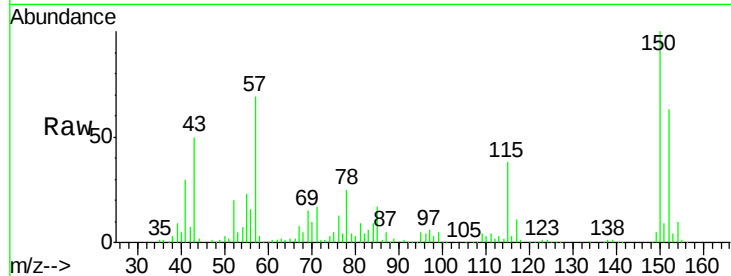


#1

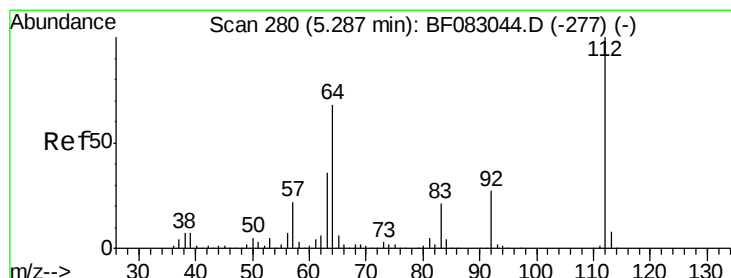
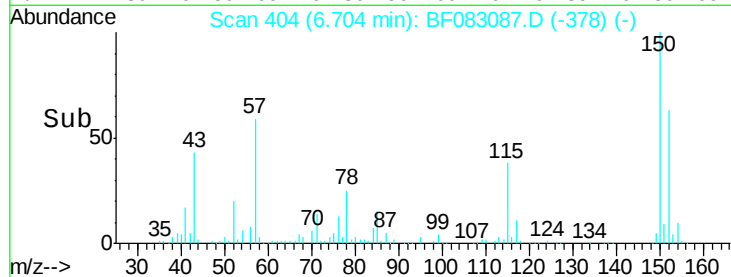
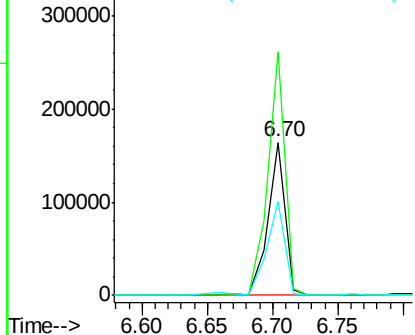
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Instrument :
BNA_F
ClientSampleId :
SB-5DL

Tot Ion:152 Resp: 152904
Ion Ratio Lower Upper
152 100
150 159.1 126.4 189.6
115 61.1 49.0 73.6



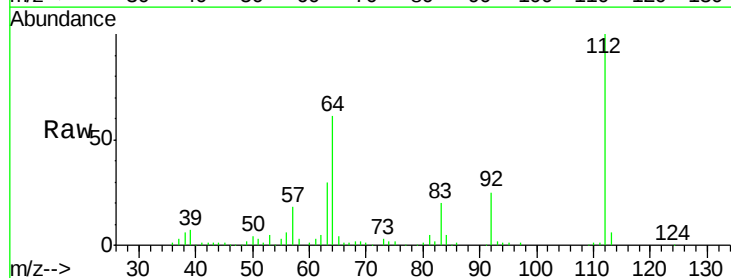
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



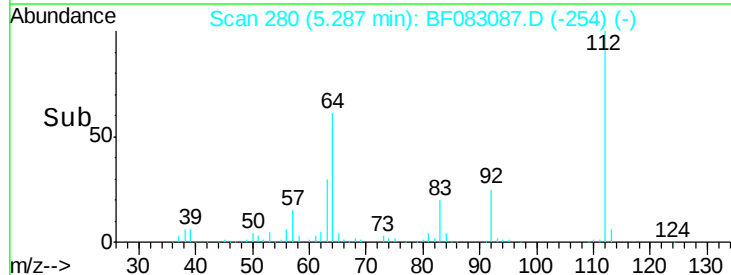
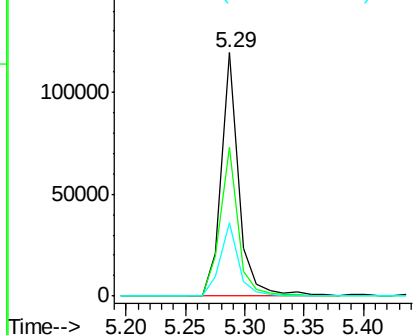
#5

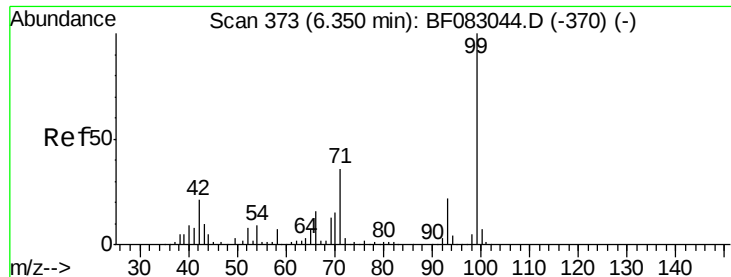
2-Fluorophenol
Concen: 12.42 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:112 Resp: 122269
Ion Ratio Lower Upper
112 100
64 60.9 54.8 82.2
63 30.4 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: 15.77 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

Instrument :

BNA_F

ClientSampleId :

SB-5DL

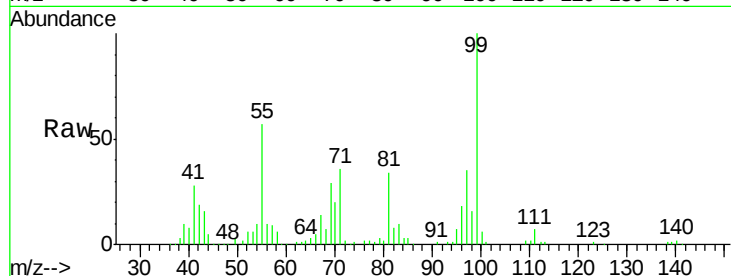
Tot Ion: 99 Resp: 204447

Ion Ratio Lower Upper

99 100

42 19.1 16.6 25.0

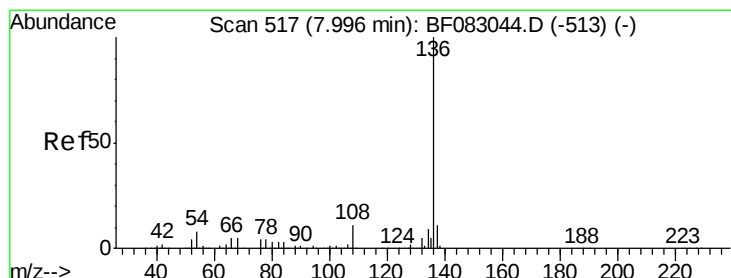
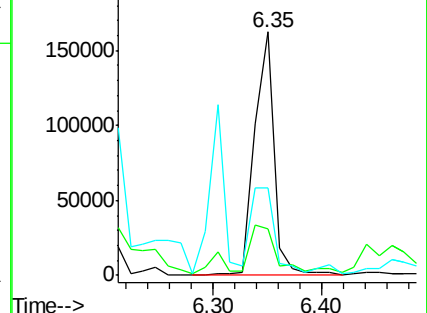
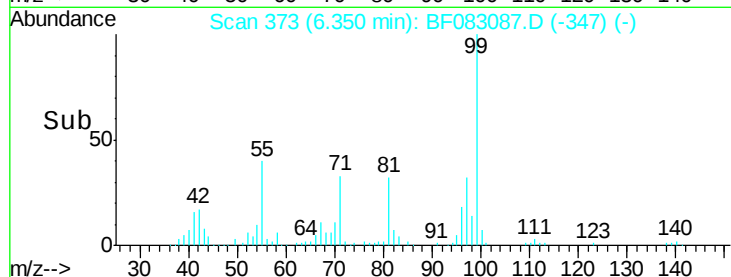
71 36.0 29.2 43.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

Tgt Ion: 136 Resp: 496569

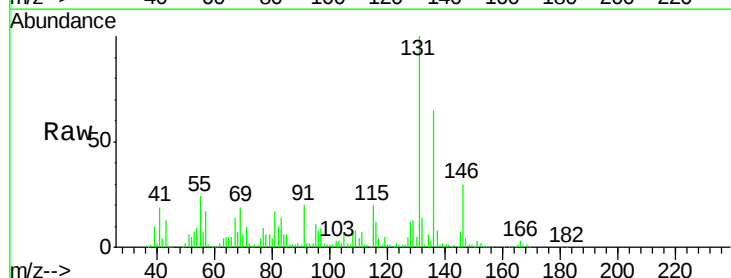
Ion Ratio Lower Upper

136 100

137 12.4 8.6 12.8

54 13.5 6.2 9.2#

68 11.5 4.2 6.2#

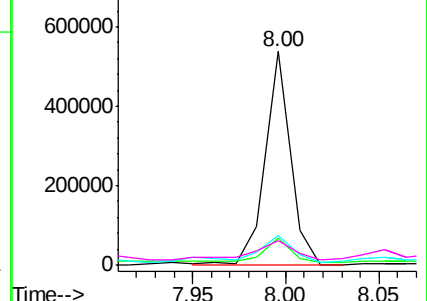
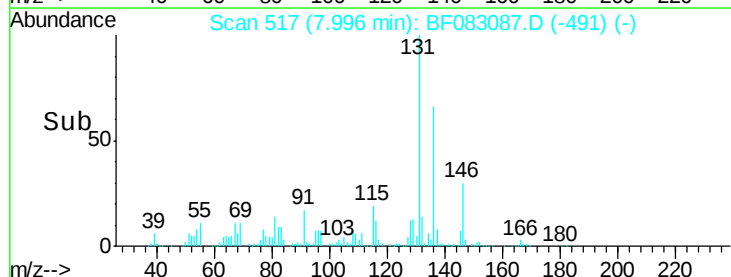


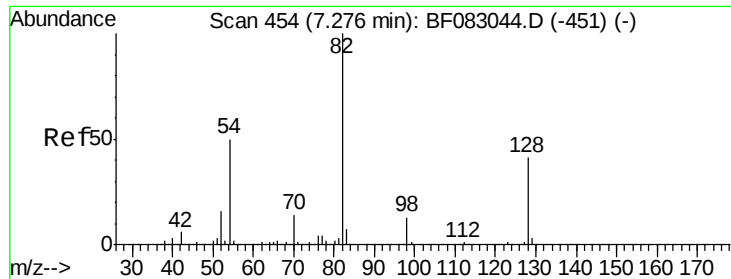
Abundance Ion 136.00 (135.70 to 136.70): E

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

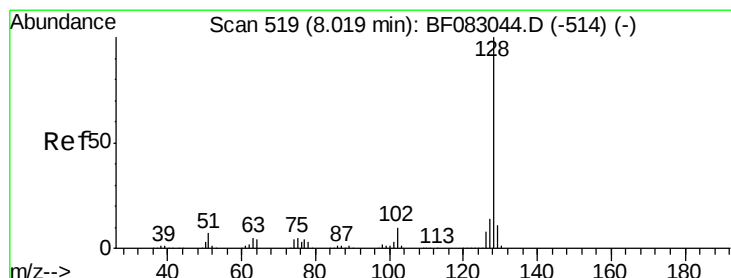
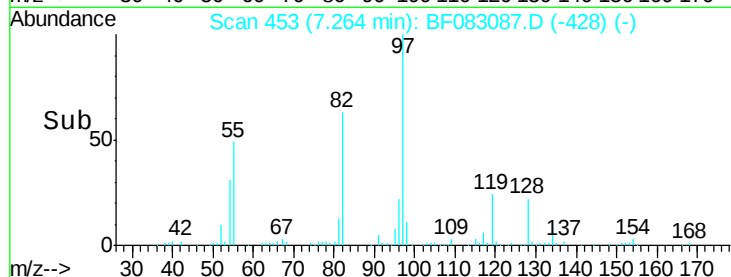
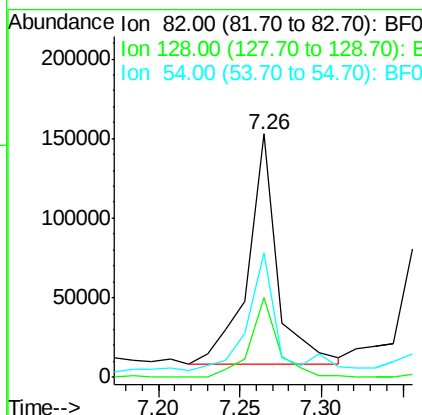
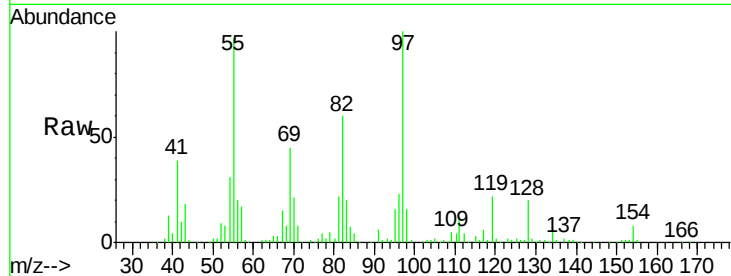




#23
 Nitrobenzene-d5
 Concen: 16.70 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083087.D
 Acq: 20 Nov 2015 17:51

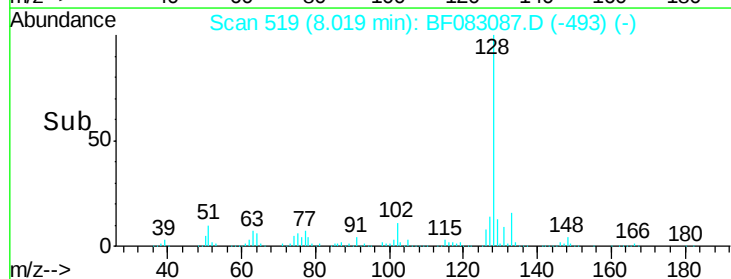
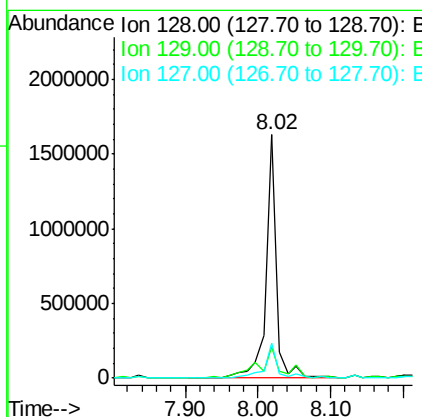
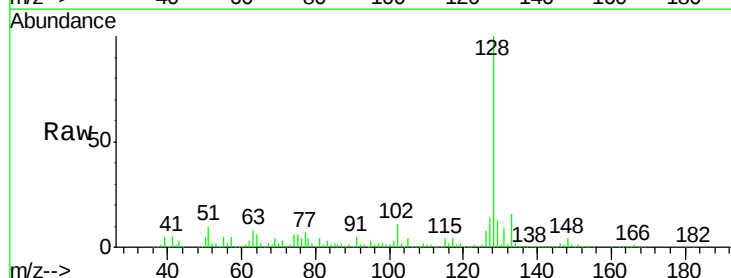
Instrument :
 BNA_F
 ClientSampled :
 SB-5DL

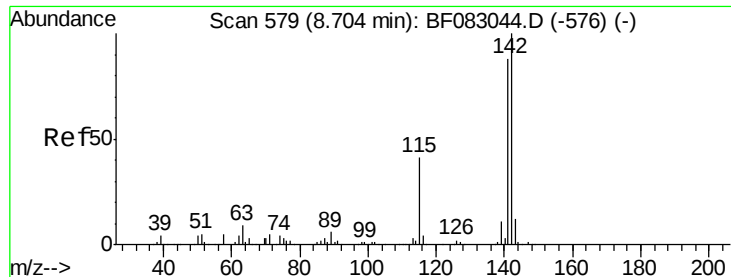
Tot Ion	82	Resp	181125
Ion Ratio	Lower	Upper	
82	100		
128	32.9	33.1	49.7#
54	51.4	39.8	59.6



#31
 Naphthalene
 Concen: 65.01 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF083087.D
 Acq: 20 Nov 2015 17:51

Tgt Ion	128	Resp	1682000
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.0	13.4
127	14.3	10.9	16.3

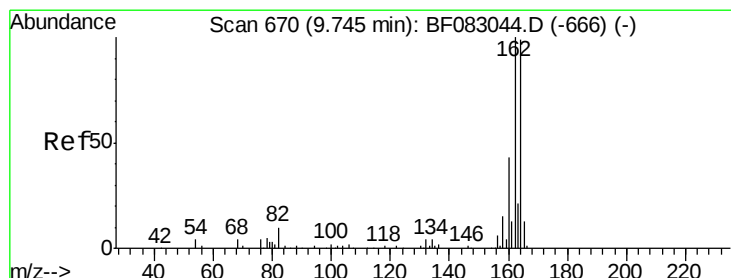
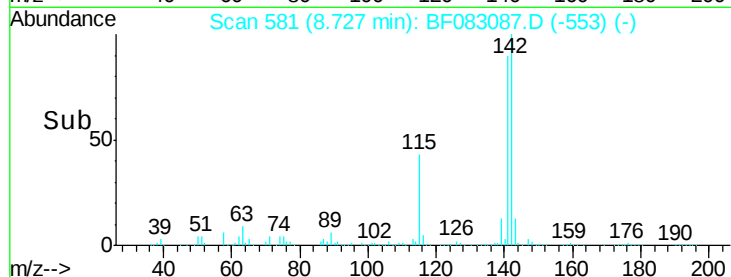
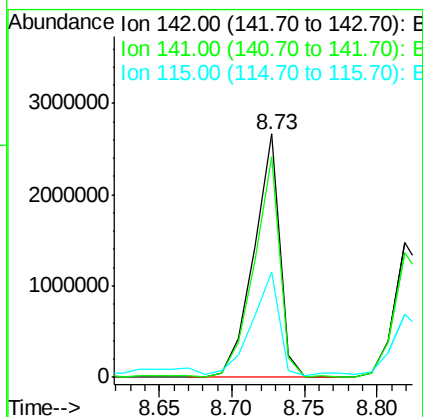
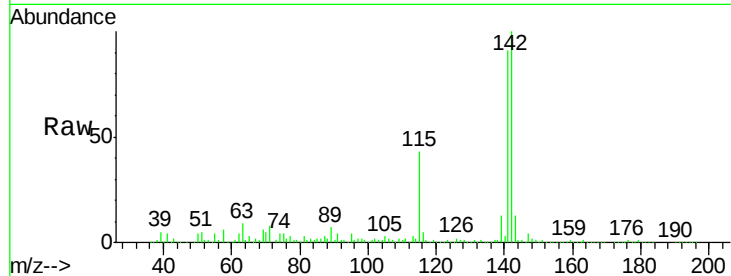




#37
2-Methylnaphthalene
Concen: 191.10 ng
RT: 8.73 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

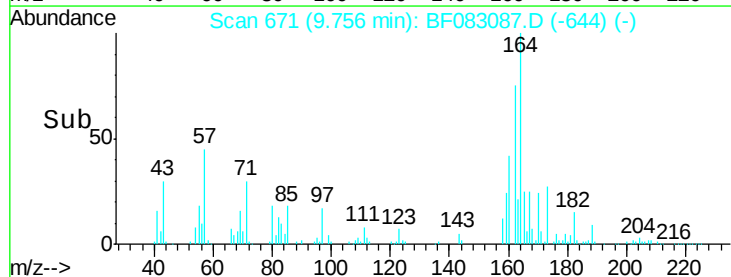
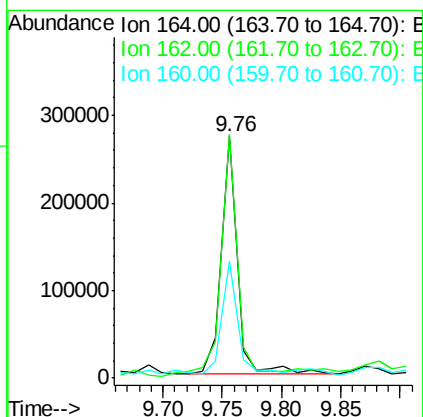
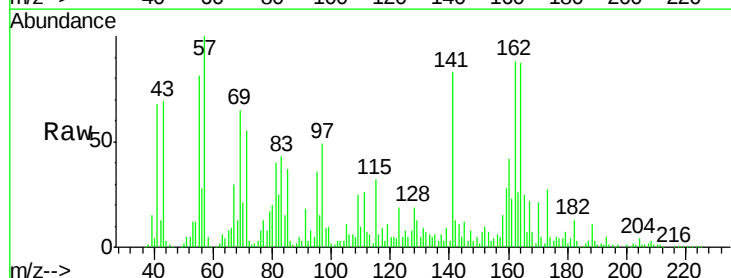
Instrument :
BNA_F
ClientSampleId :
SB-5DL

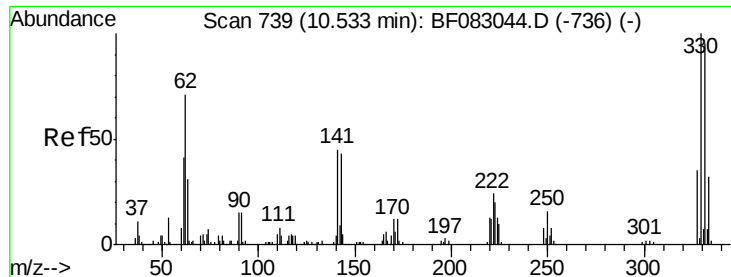
Tot Ion:142 Resp: 3291831
Ion Ratio Lower Upper
142 100
141 90.5 70.7 106.1
115 43.5 33.1 49.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF083087.D
Acq: 20 Nov 2015 17:51

Tgt Ion:164 Resp: 255749
Ion Ratio Lower Upper
164 100
162 100.6 80.5 120.7
160 48.2 35.0 52.4

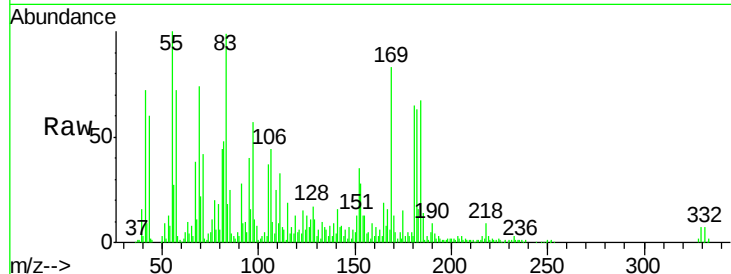




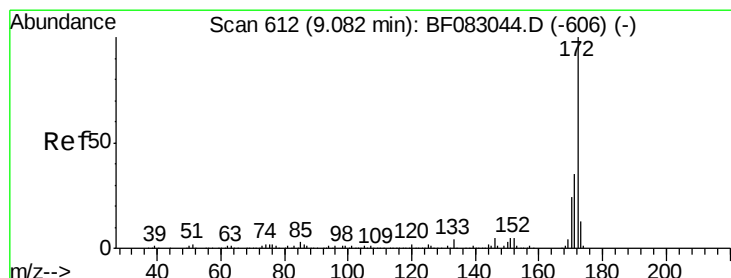
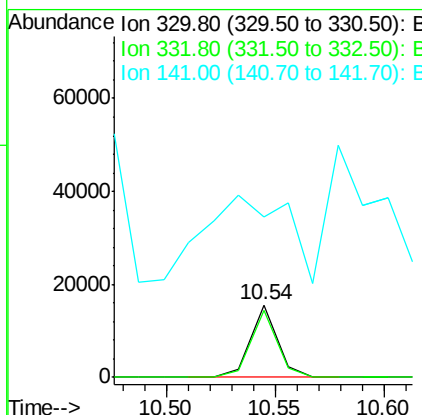
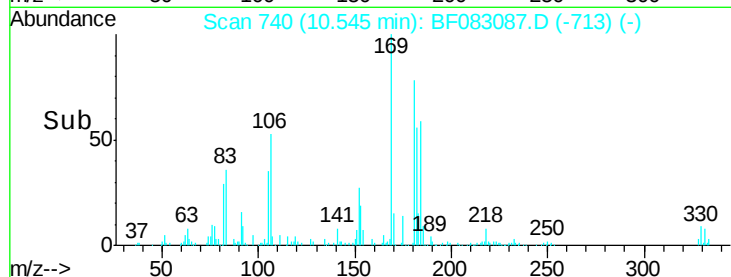
#41
 2,4,6-Tribromophenol
 Concen: 4.93 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF083087.D
 Acq: 20 Nov 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-5DL

Tot Ion:330 Resp: 13395
 Ion Ratio Lower Upper
 330 100
 332 91.4 77.6 116.4
 141 371.0 34.6 52.0#

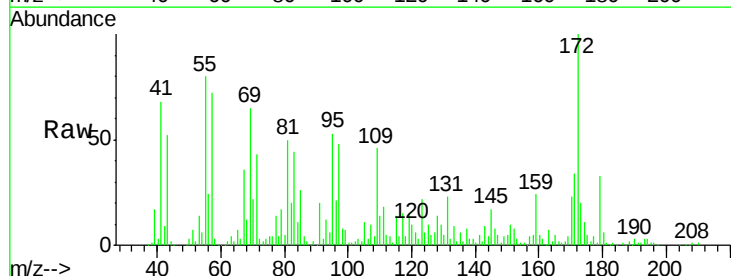


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

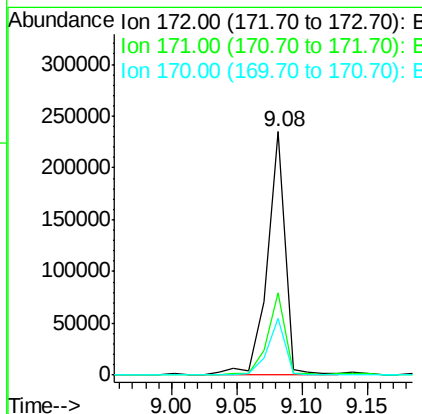
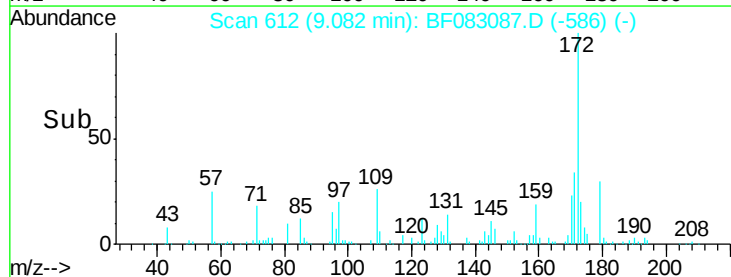


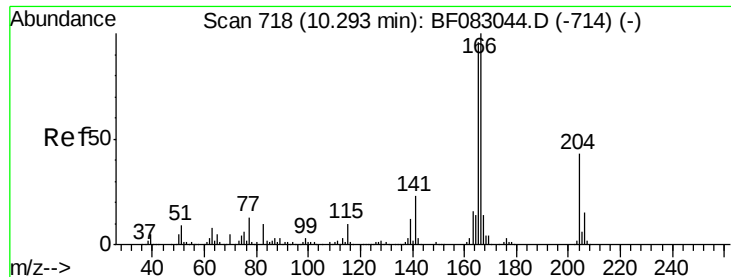
#44
 2-Fluorobiphenyl
 Concen: 12.04 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083087.D
 Acq: 20 Nov 2015 17:51

Tgt Ion:172 Resp: 228661
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.2 42.4
 170 23.3 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





#57

Fluorene

Concen: 21.81 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

Instrument :

BNA_F

ClientSampleId :

SB-5DL

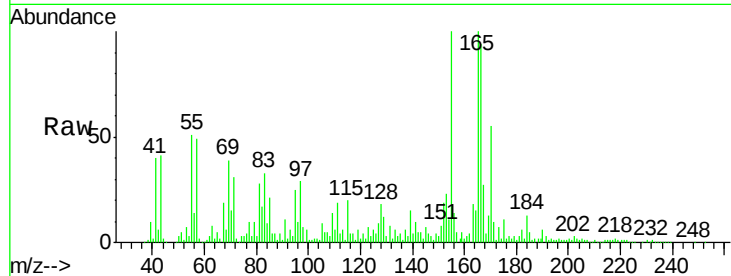
Tot Ion:166 Resp: 418752

Ion Ratio Lower Upper

166 100

165 106.9 77.1 115.7

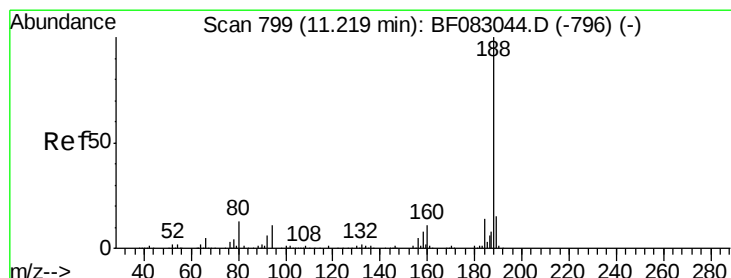
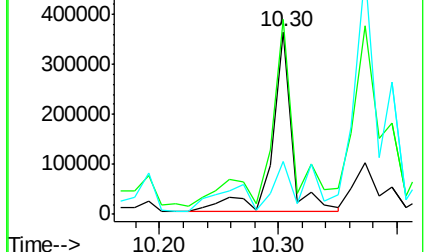
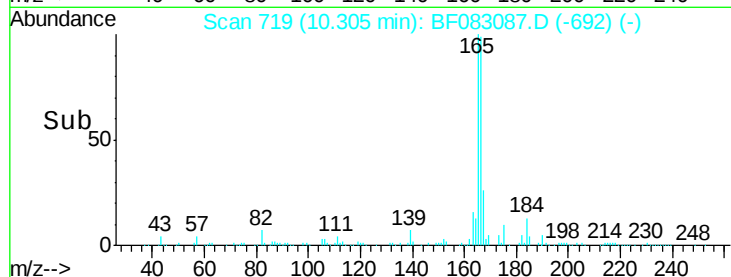
167 28.7 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

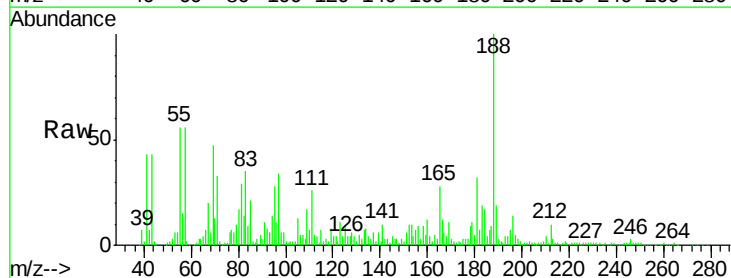
Tgt Ion:188 Resp: 356548

Ion Ratio Lower Upper

188 100

94 14.3 9.0 13.4#

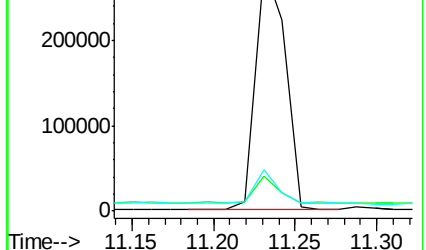
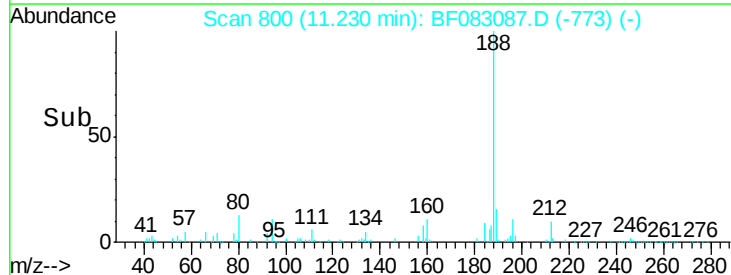
80 16.9 10.2 15.4#

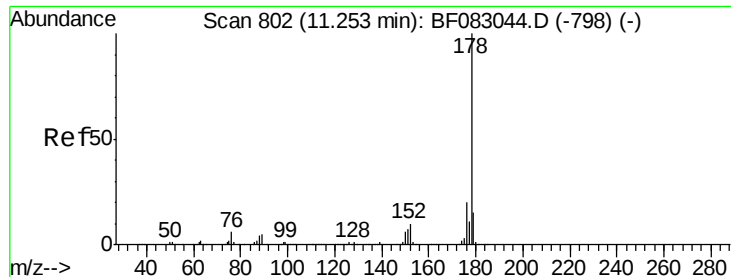


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 57.60 ng

RT: 11.26 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

Instrument :

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SB-5DL

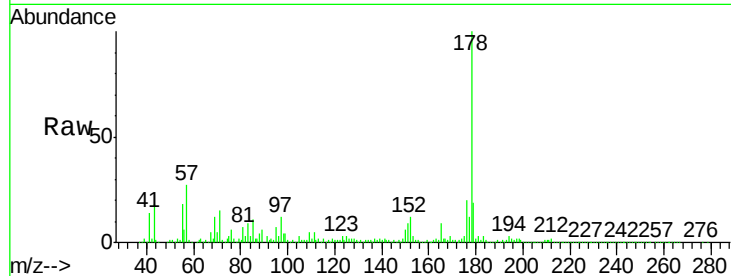
Tot Ion:178 Resp: 1238963

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

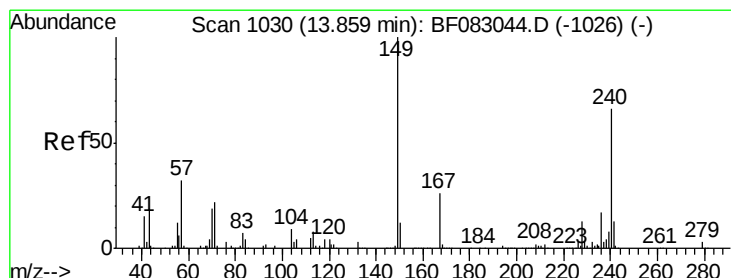
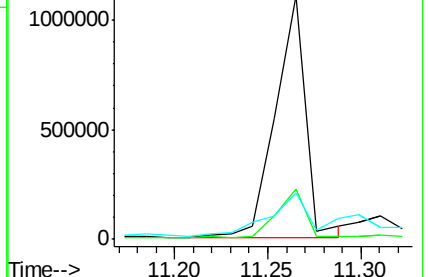
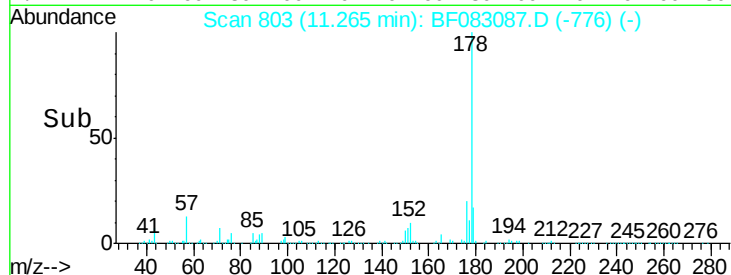
179 19.1 12.3 18.5#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

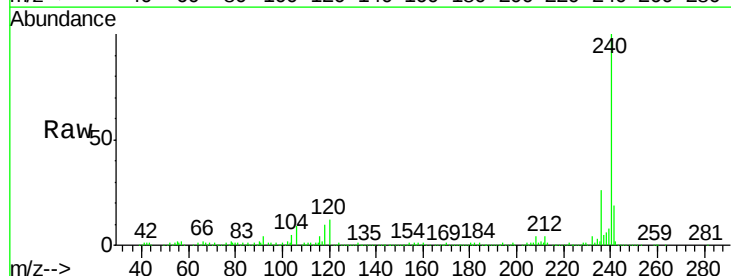
Tgt Ion:240 Resp: 397973

Ion Ratio Lower Upper

240 100

120 11.8 5.3 7.9#

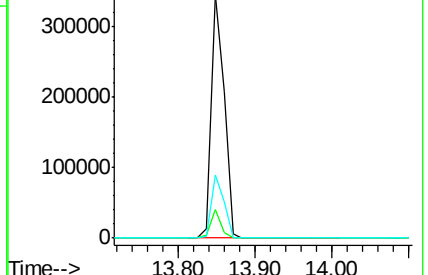
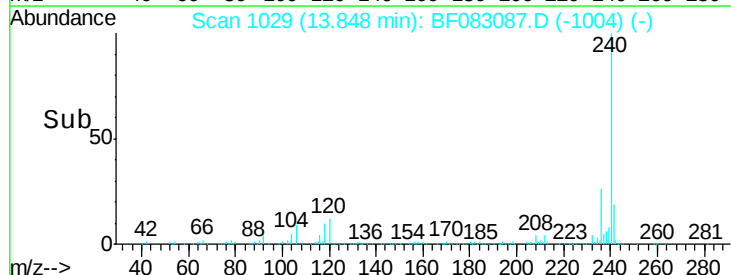
236 26.0 20.4 30.6

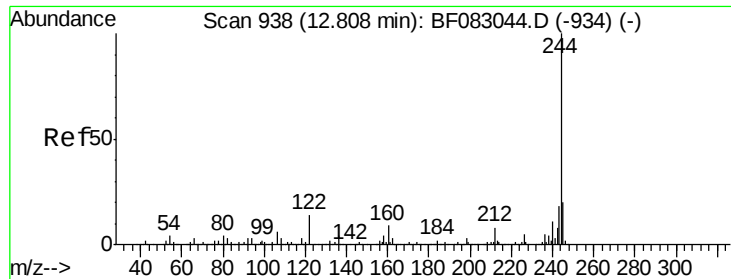


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.87 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

Instrument :

BNA_F

ClientSampleId :

SB-5DL

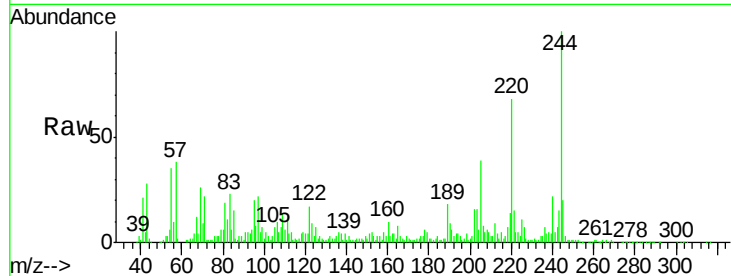
Tot Ion:244 Resp: 183266

Ion Ratio Lower Upper

244 100

212 9.1 6.4 9.6

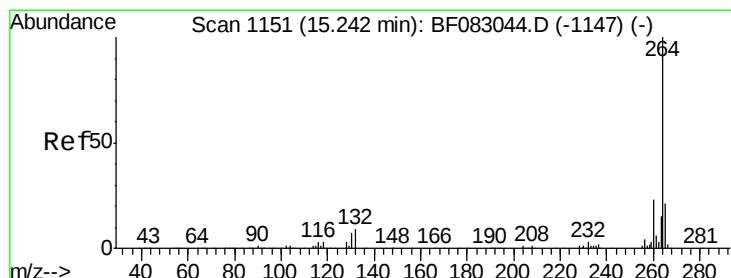
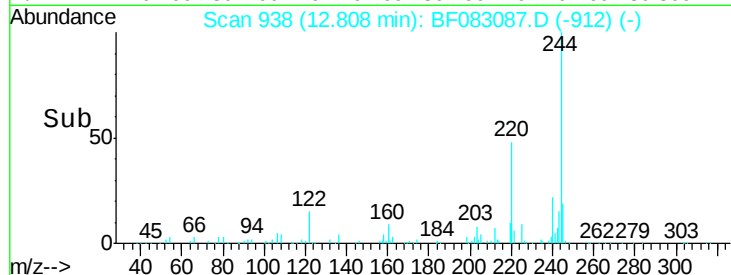
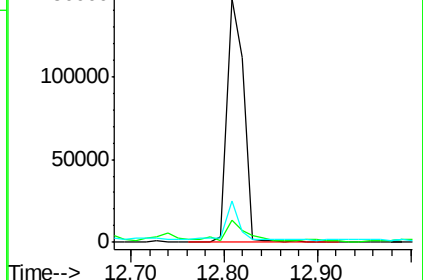
122 16.8 10.9 16.3#



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: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF083087.D

Acq: 20 Nov 2015 17:51

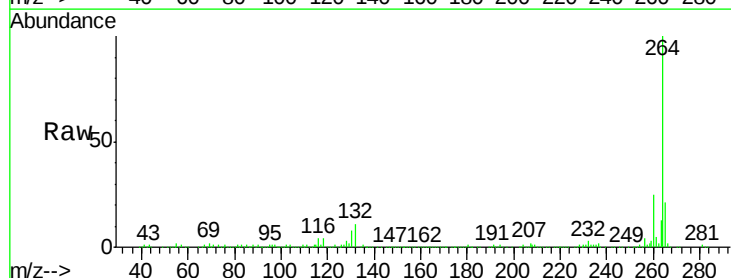
Tgt Ion:264 Resp: 329536

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 21.0 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

