

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087748.D
 Acq On : 6 Jun 2016 13:14
 Operator : UM/SJ
 Sample : H3346-01DL 250X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ADL

Quant Time: Jun 06 17:09:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

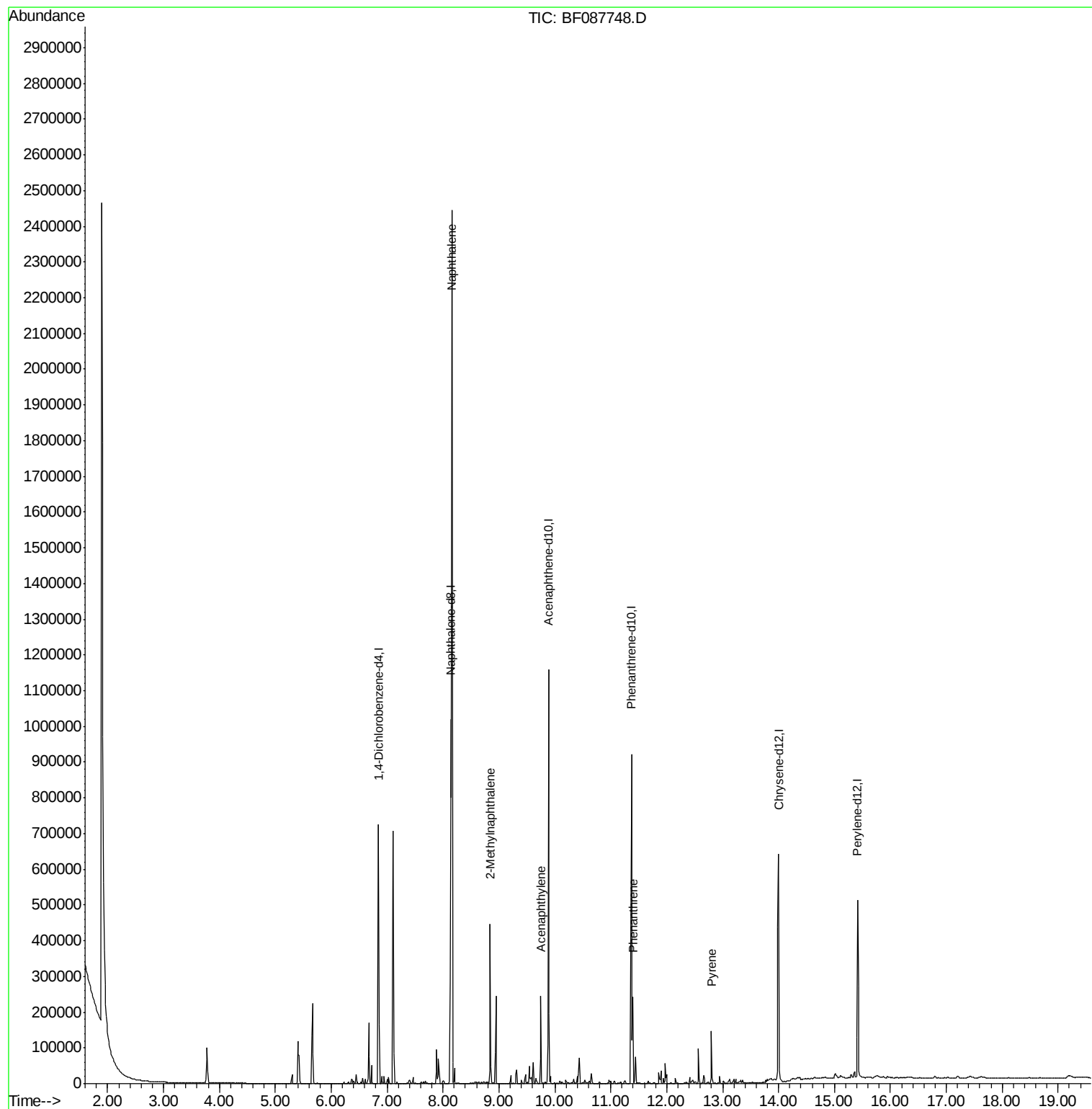
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	108529	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	467106	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	214544	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	397550	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	260356	20.00	ng	-0.02
86) Perylene-d12	15.42	264	225025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1752	0.26	ng	-0.02
7) Phenol-d6	6.47	99	1968	0.23	ng	-0.02
23) Nitrobenzene-d5	7.40	82	3627	0.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	1645	0.76	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	9184	0.80	ng	-0.02
78) Terphenyl-d14	12.95	244	7931	0.74	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.16	128	1111678	48.95	ng	99
37) 2-Methylnaphthalene	8.84	142	114691	7.65	ng	98
48) Acenaphthylene	9.75	152	104463	4.83	ng	98
70) Phenanthrene	11.39	178	107001	4.96	ng	97
77) Pyrene	12.80	202	55341	2.99	ng	97

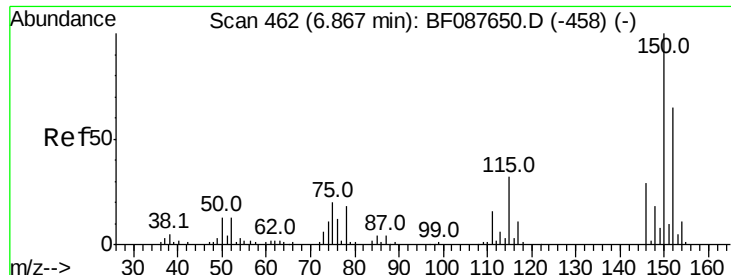
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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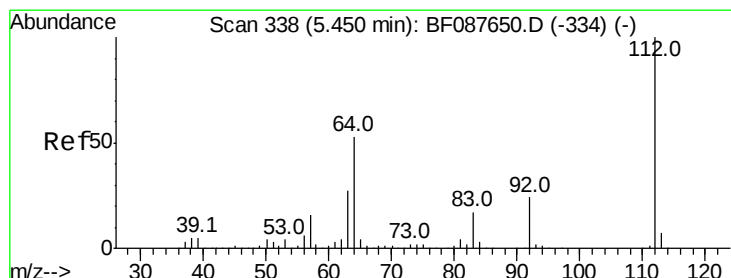
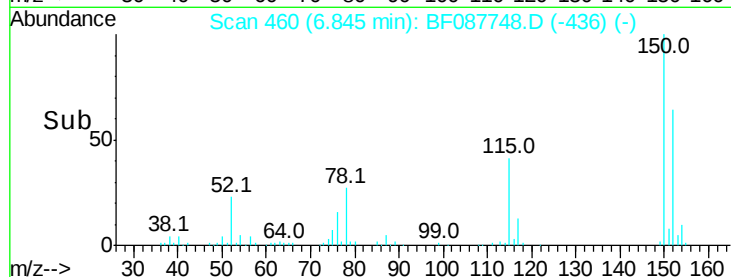
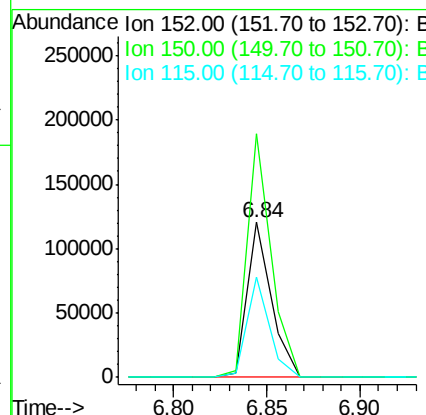
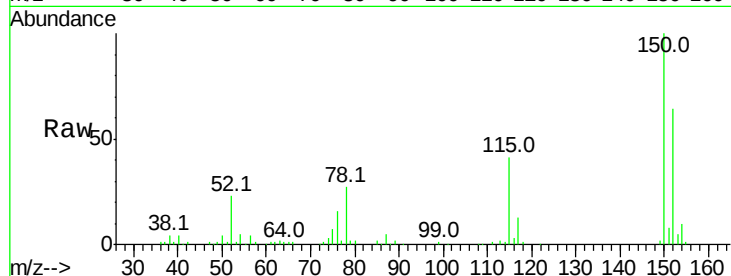


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087748.D
Acq: 6 Jun 2016 13:14

Instrument :
BNA_F
ClientSampleId :
WC-201605ADL

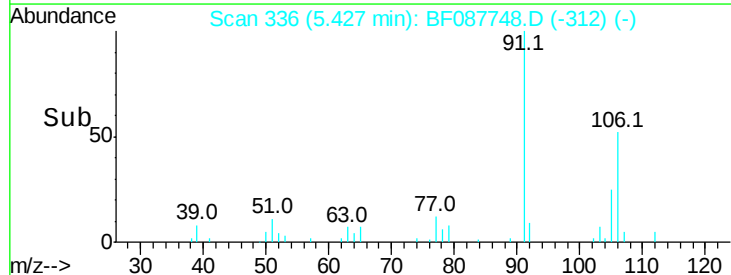
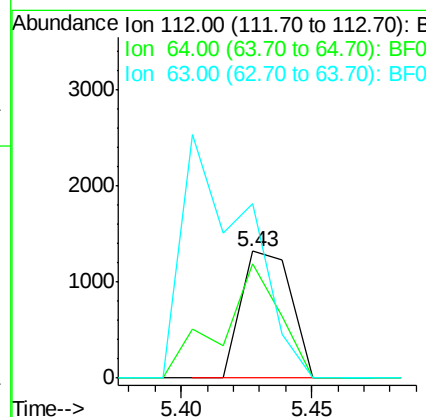
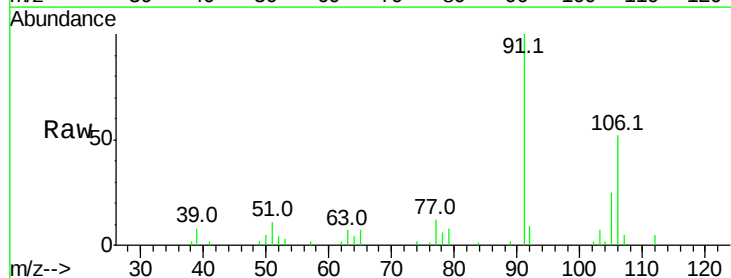
Tot Ion:152 Resp: 108529
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 64.7 39.6 59.4#

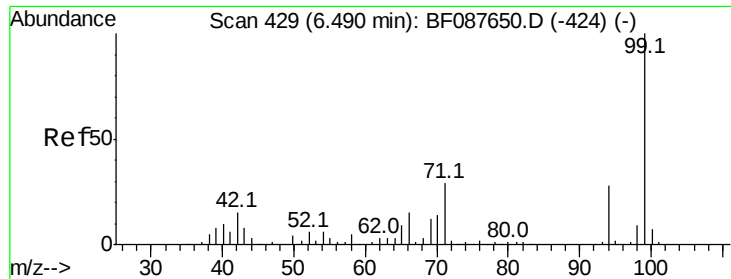


#5

2-Fluorophenol
Concen: 0.26 ng
RT: 5.43 min Scan# 336
Delta R.T. -0.02 min
Lab File: BF087748.D
Acq: 6 Jun 2016 13:14

Tgt Ion:112 Resp: 1752
Ion Ratio Lower Upper
112 100
64 89.8 42.2 63.2#
63 138.1 21.8 32.8#





#7

Phenol-d6

Concen: 0.23 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087748.D

Acq: 6 Jun 2016 13:14

Instrument :

BNA_F

ClientSampleId :

WC-201605ADL

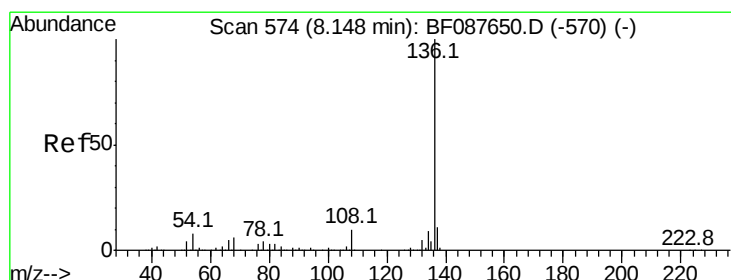
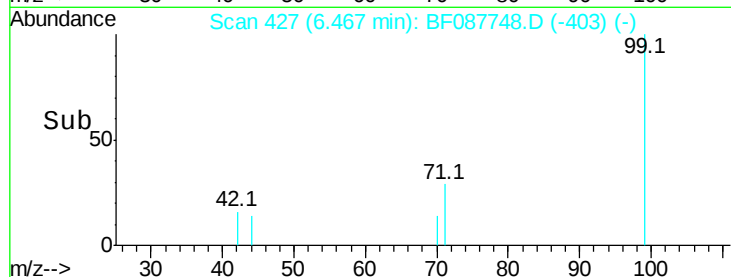
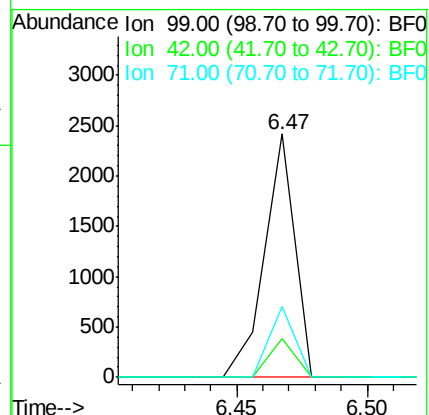
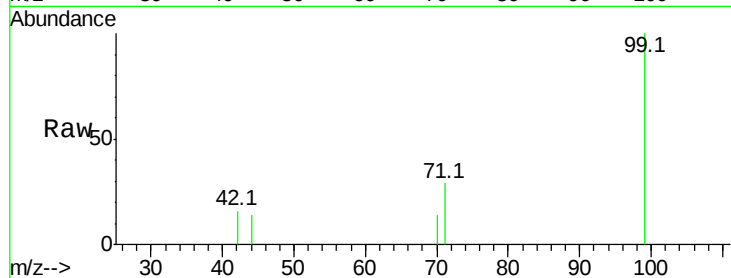
Tot Ion: 99 Resp: 1968

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 28.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087748.D

Acq: 6 Jun 2016 13:14

Tgt Ion: 136 Resp: 467106

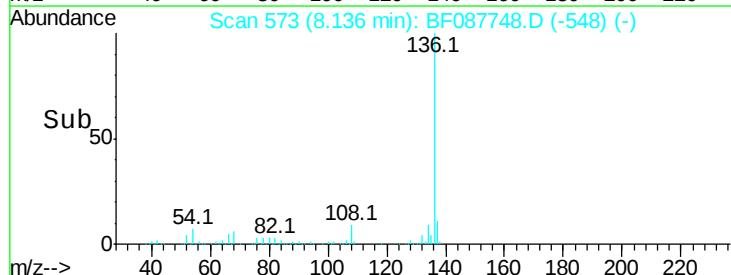
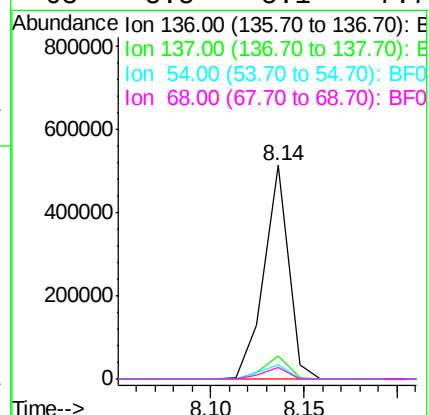
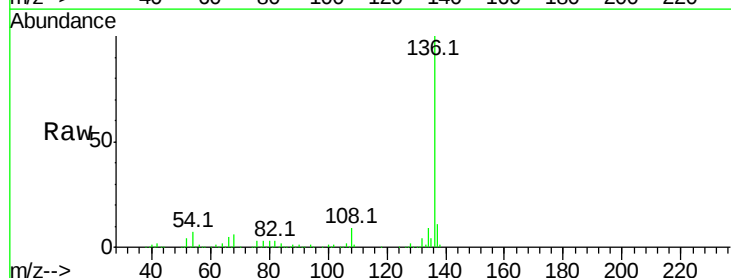
Ion Ratio Lower Upper

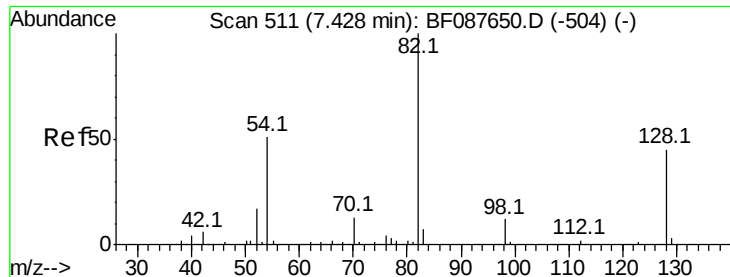
136 100

137 10.9 9.1 13.7

54 6.8 6.6 10.0

68 5.5 5.1 7.7

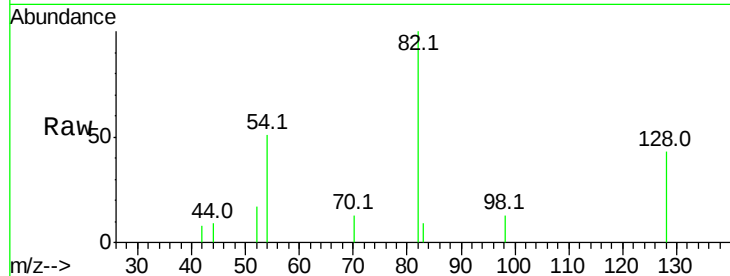




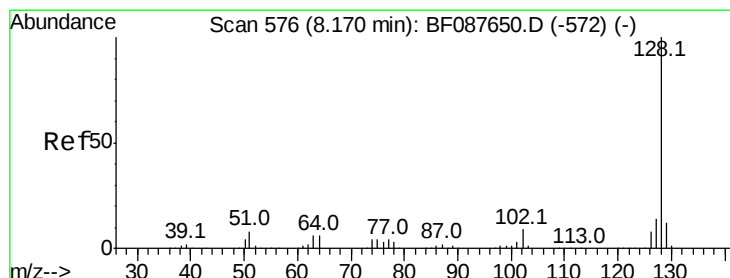
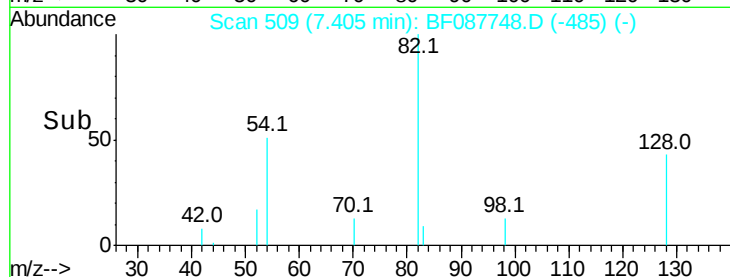
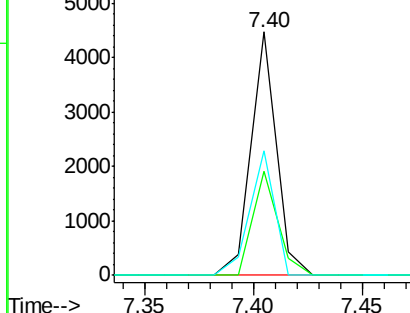
#23
 Nitrobenzene-d5
 Concen: 0.45 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF087748.D
 Acq: 6 Jun 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ADL

Tot Ion	82	Resp	3627
Ion Ratio	Lower	Upper	
82	100		
128	42.6	35.9	53.9
54	50.9	40.9	61.3

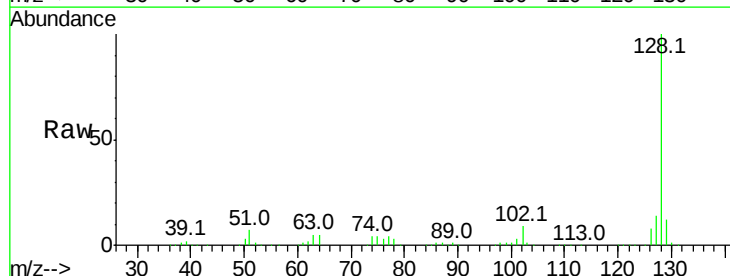


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

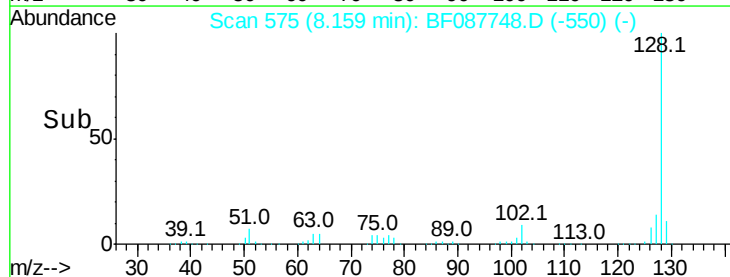
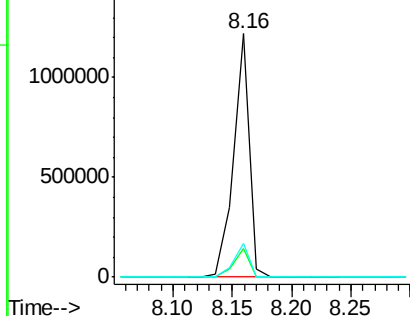


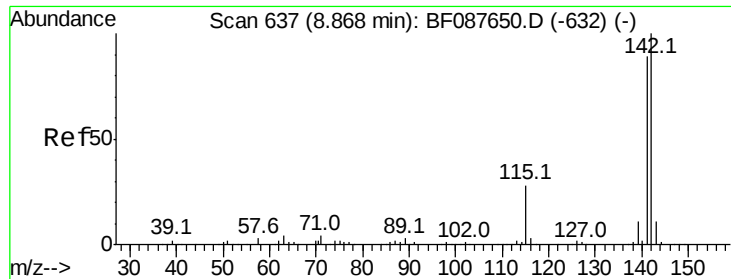
#31
 Naphthalene
 Concen: 48.95 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF087748.D
 Acq: 6 Jun 2016 13:14

Tgt Ion	128	Resp	1111678
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.8	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

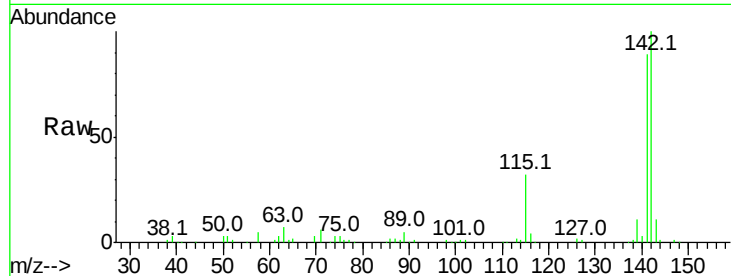




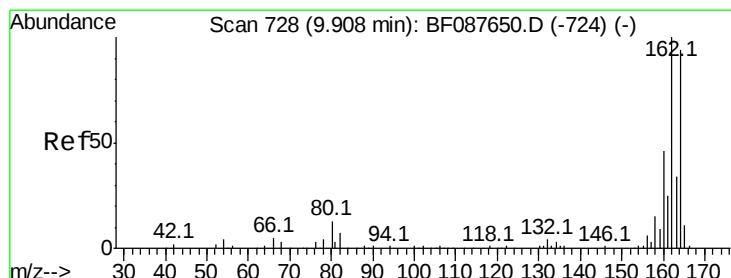
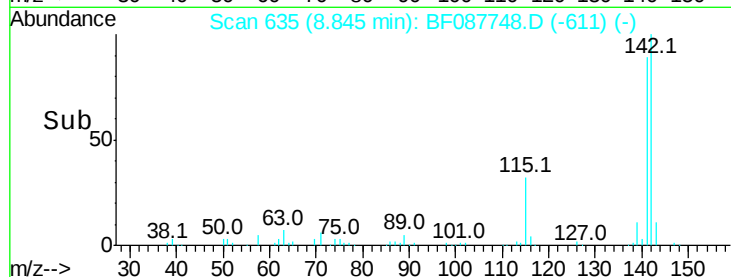
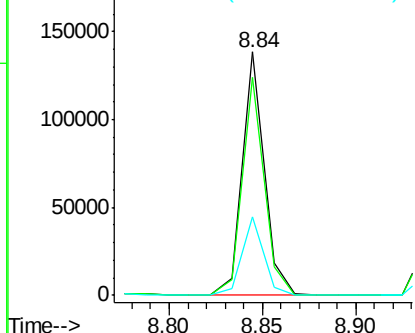
#37
 2-Methylnaphthalene
 Concen: 7.65 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF087748.D
 Acq: 6 Jun 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ADL

Tot Ion:142 Resp: 114691
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 32.5 22.6 33.8

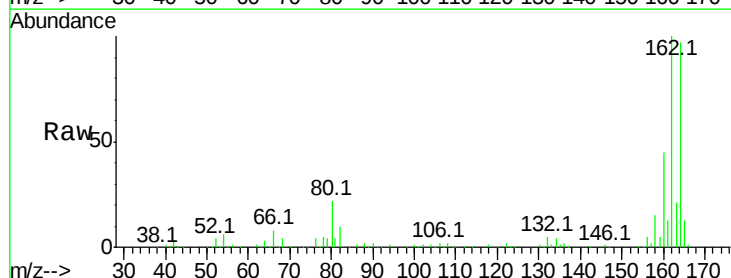


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

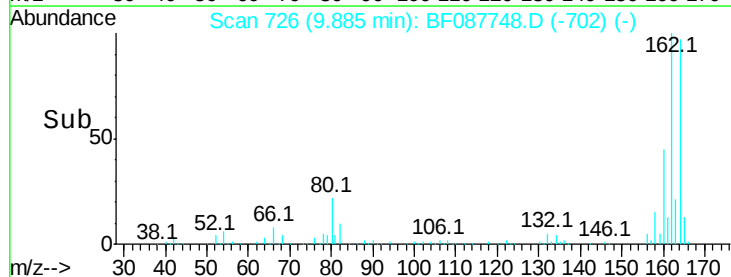
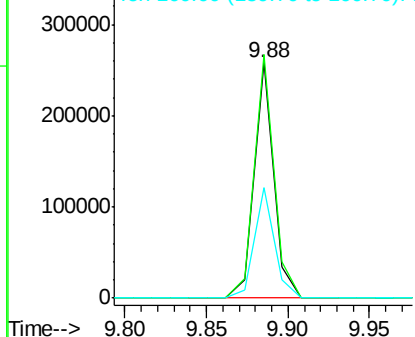


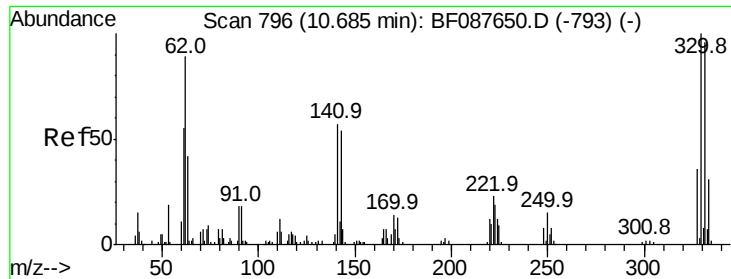
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087748.D
 Acq: 6 Jun 2016 13:14

Tgt Ion:164 Resp: 214544
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 47.0 39.5 59.3



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

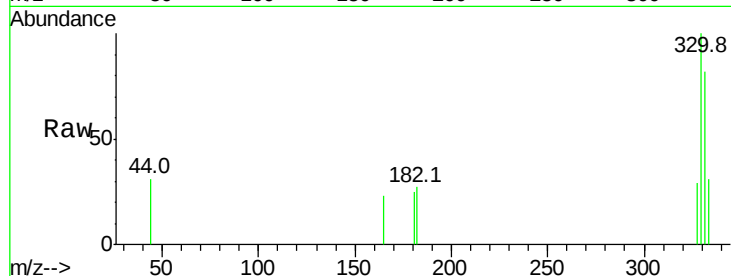




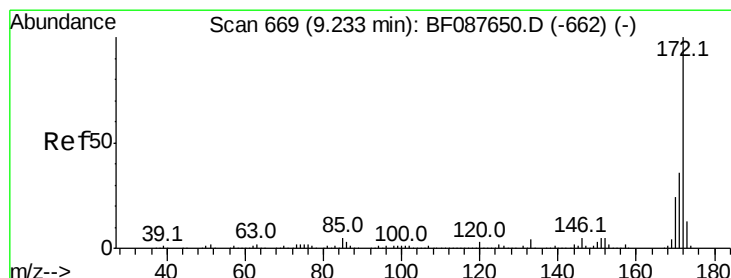
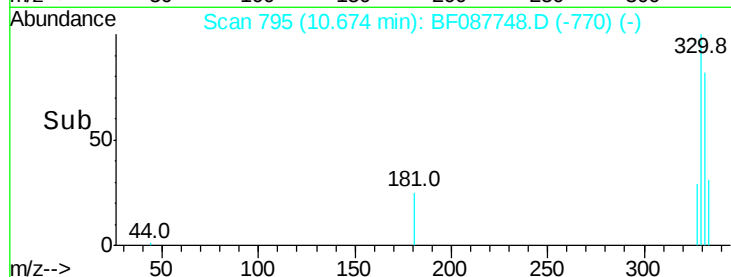
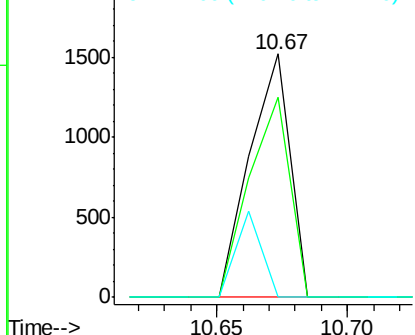
#41
 2,4,6-Tribromophenol
 Concen: 0.76 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087748.D
 Acq: 6 Jun 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605ADL

Tot Ion:330 Resp: 1645
 Ion Ratio Lower Upper
 330 100
 332 83.2 0.0 0.0#
 141 22.4 0.0 0.0#

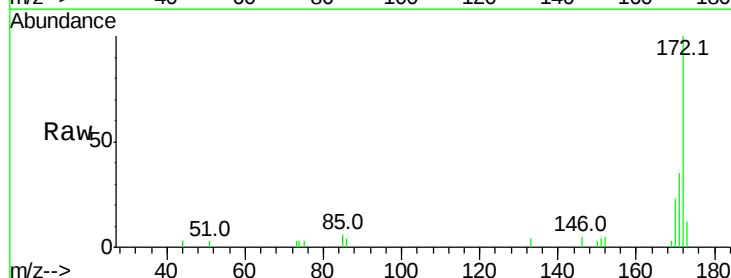


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

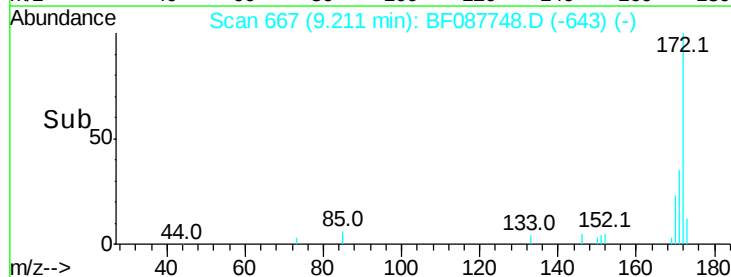
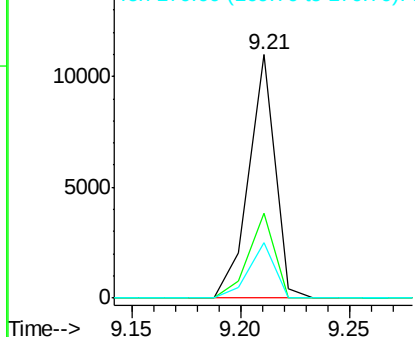


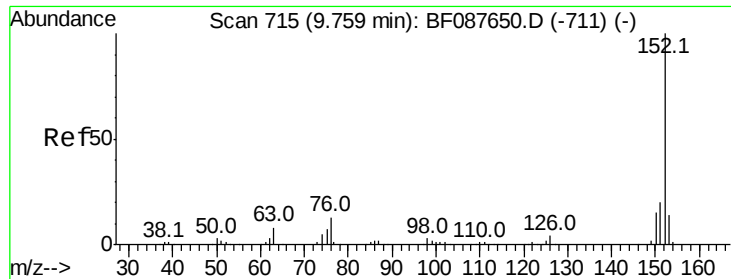
#44
 2-Fluorobiphenyl
 Concen: 0.80 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087748.D
 Acq: 6 Jun 2016 13:14

Tgt Ion:172 Resp: 9184
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 22.9 19.2 28.8



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





#48

Acenaphthylene

Concen: 4.83 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF087748.D

Acq: 6 Jun 2016 13:14

Instrument :

BNA_F

ClientSampleId :

WC-201605ADL

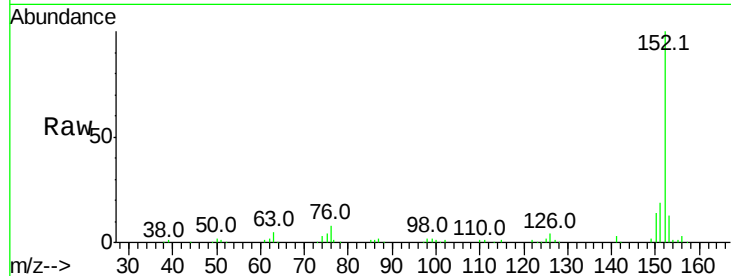
Tot Ion:152 Resp: 104463

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4

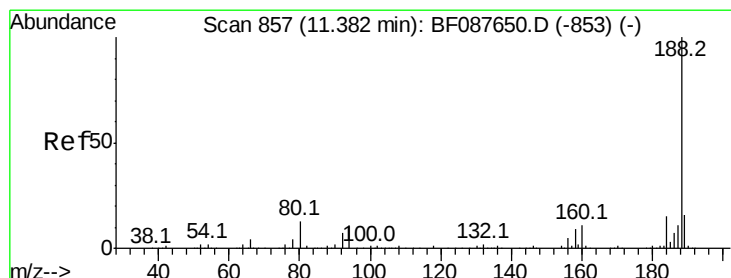
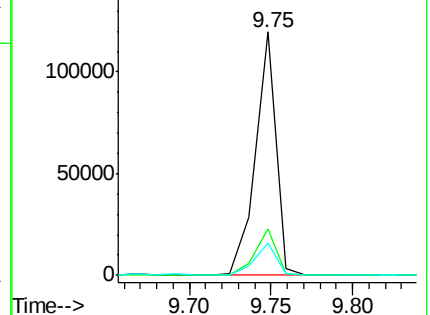
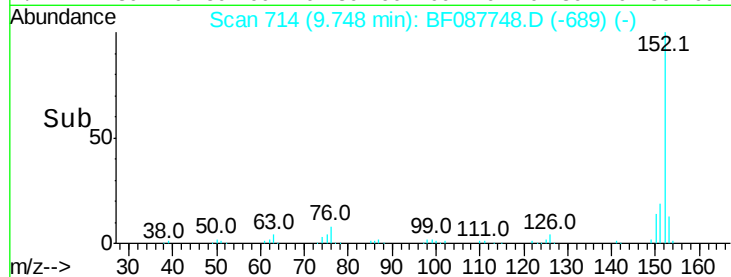
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087748.D

Acq: 6 Jun 2016 13:14

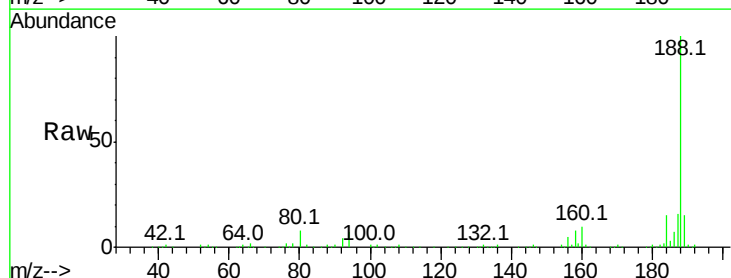
Tgt Ion:188 Resp: 397550

Ion Ratio Lower Upper

188 100

94 7.3 9.0 13.6#

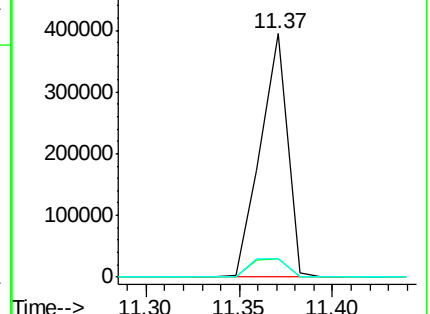
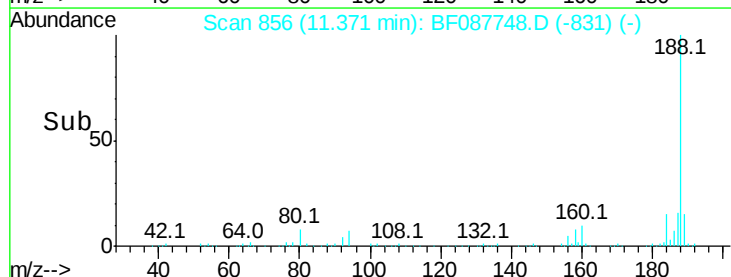
80 7.6 10.0 15.0#

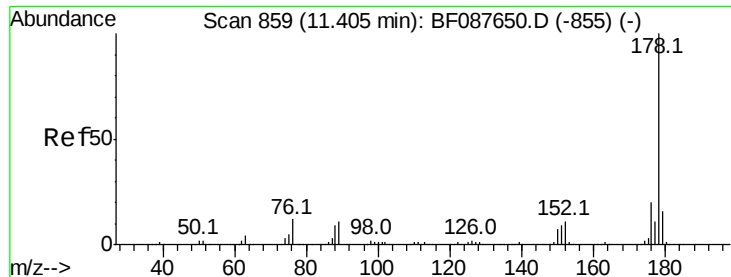


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.96 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF087748.D

Acq: 6 Jun 2016 13:14

Instrument :

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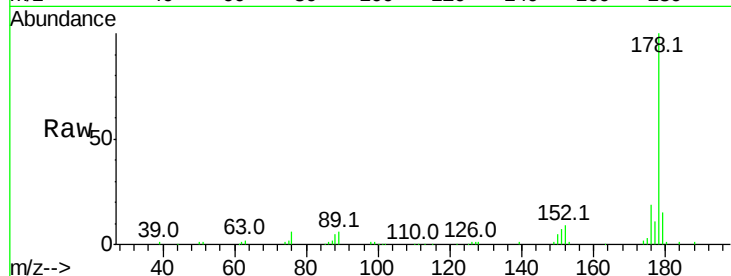
Tot Ion:178 Resp: 107001

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

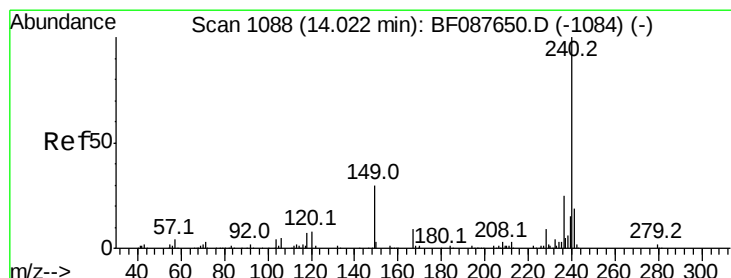
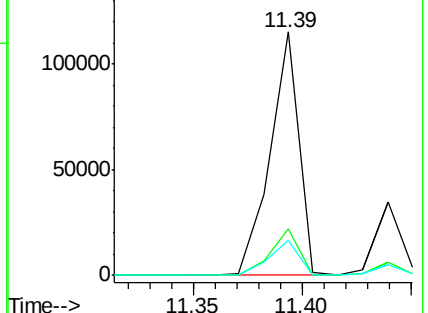
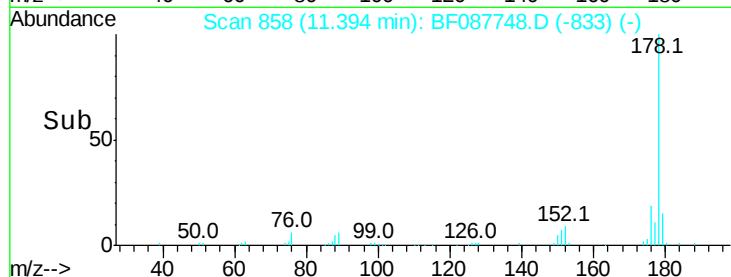
179 14.6 13.0 19.4



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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087748.D

Acq: 6 Jun 2016 13:14

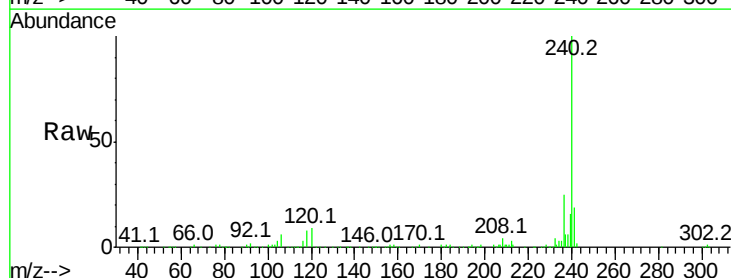
Tgt Ion:240 Resp: 260356

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

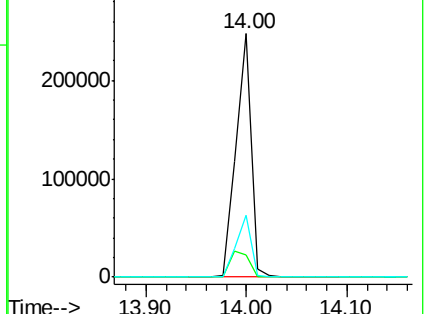
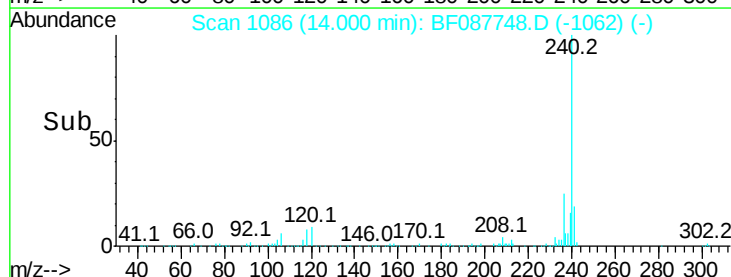
236 25.4 20.2 30.2

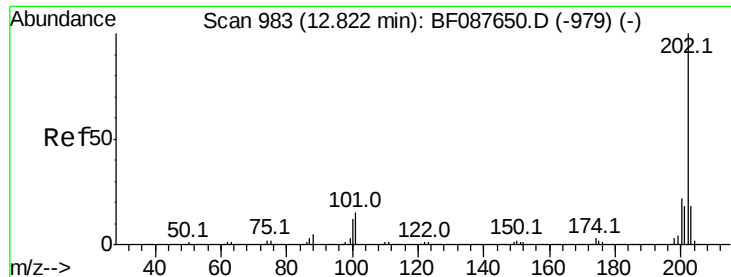


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

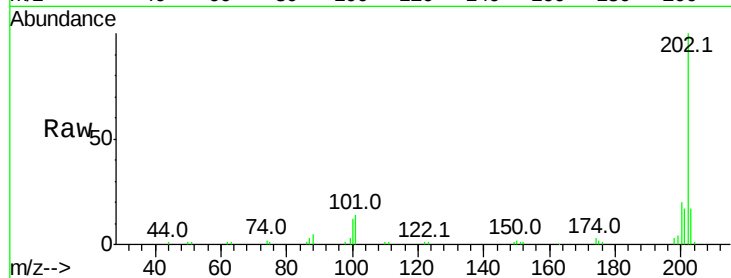




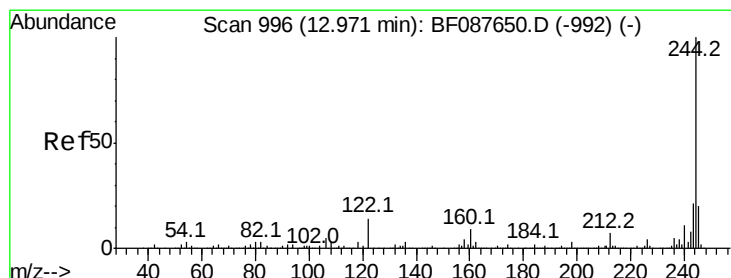
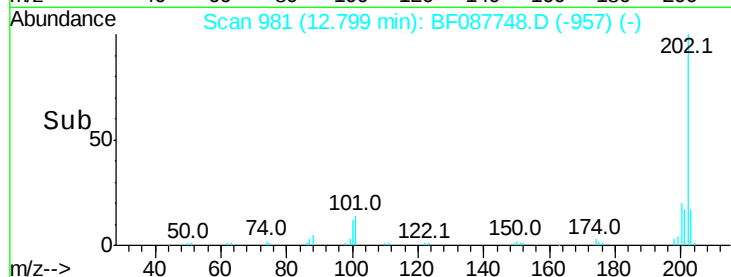
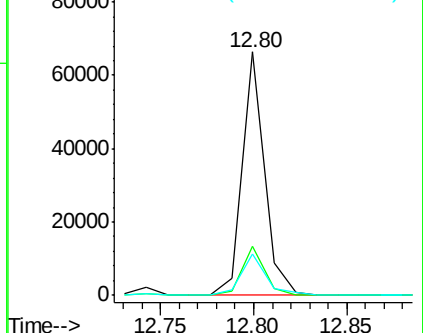
#77
Pvrene
Concen: 2.99 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF087748.D
Acq: 6 Jun 2016 13:14

Instrument :
BNA_F
ClientSampleId :
WC-201605ADL

Tot Ion:202 Resp: 55341
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 17.1 14.5 21.7

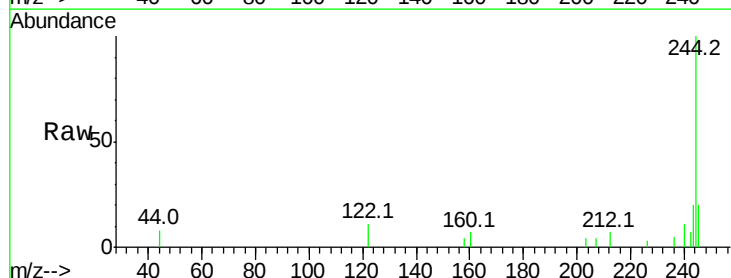


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

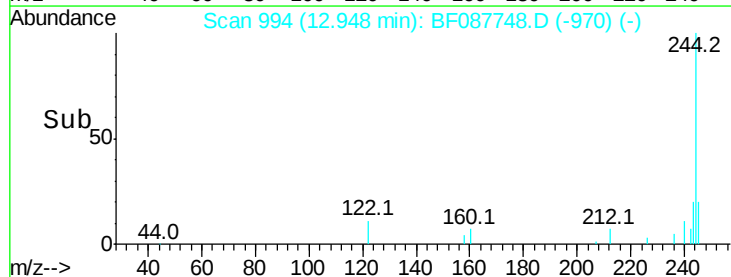
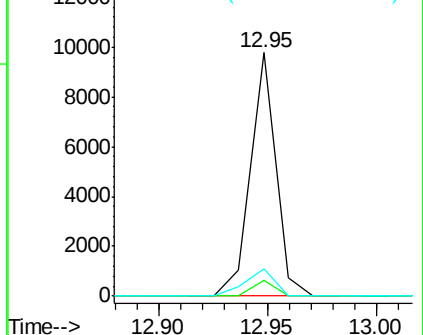


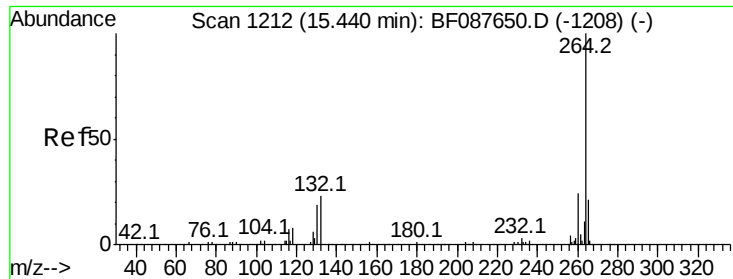
#78
Terphenyl-d14
Concen: 0.74 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087748.D
Acq: 6 Jun 2016 13:14

Tgt Ion:244 Resp: 7931
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 11.4 11.2 16.8



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
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087748.D
Acq: 6 Jun 2016 13:14

Instrument :
BNA_F
ClientSampleId :
WC-201605ADL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.1	16.9	25.3

