

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088142.D
 Acq On : 18 Jun 2016 19:06
 Operator : UM/SJ
 Sample : H3580-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P8-B3(0-5)C

Quant Time: Jun 20 05:40:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

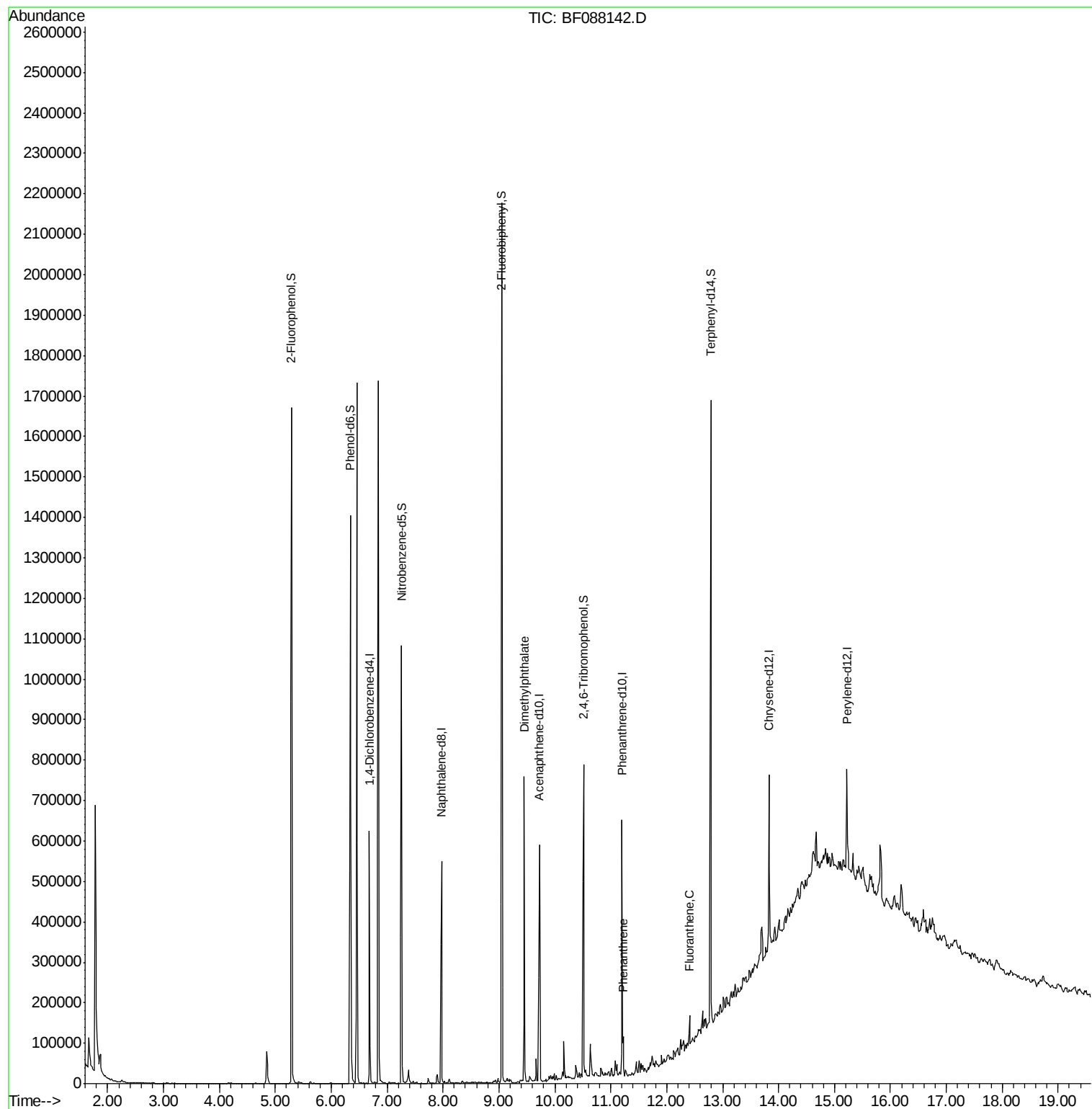
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92065	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	324036	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	127537	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	212254	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	161217	20.00	ng	-0.02
86) Perylene-d12	15.22	264	126425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	598643	111.16	ng	0.01
7) Phenol-d6	6.34	99	666227	102.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	364540	65.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	115215	85.56	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	669358	82.27	ng	-0.02
78) Terphenyl-d14	12.79	244	554743	78.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	301943	32.68	ng	99
70) Phenanthrene	11.22	178	32965	2.96	ng	97
74) Fluoranthene	12.41	202	29745	2.53	ng	96

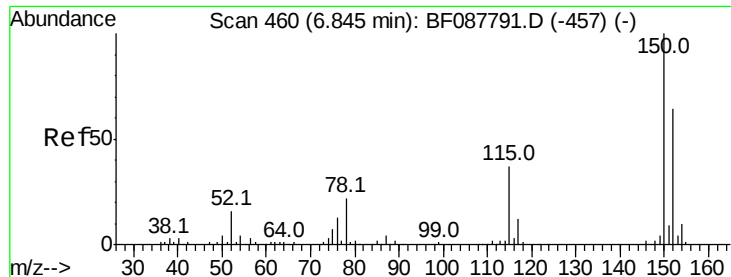
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

Instrument :

BNA_F

ClientSampleId :

P8-B3(0-5)C

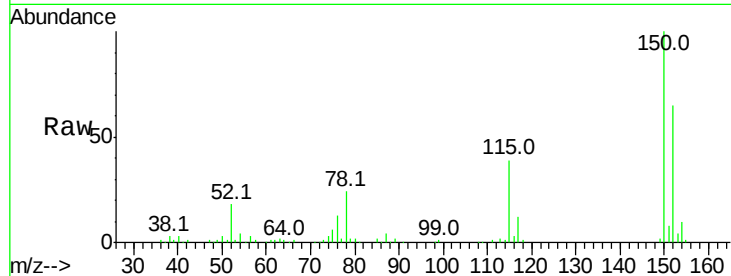
Tot Ion:152 Resp: 92065

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

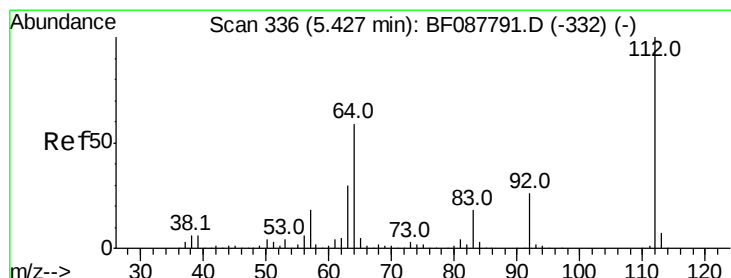
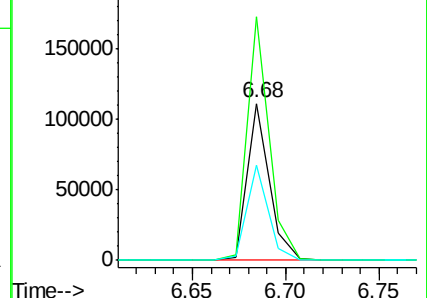
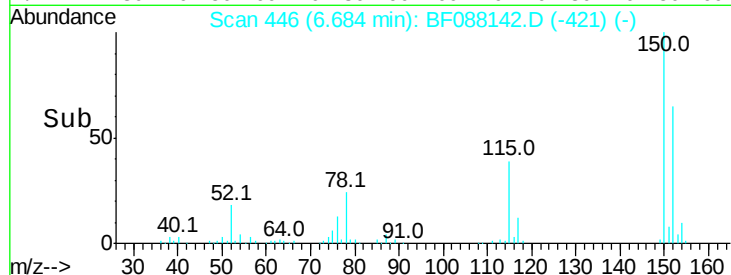
115 60.6 39.6 59.4#



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: 111.16 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

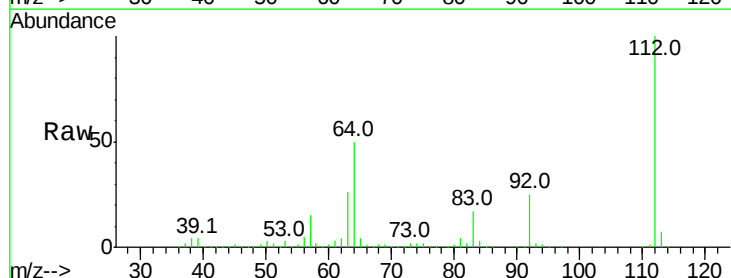
Tgt Ion:112 Resp: 598643

Ion Ratio Lower Upper

112 100

64 49.9 42.2 63.2

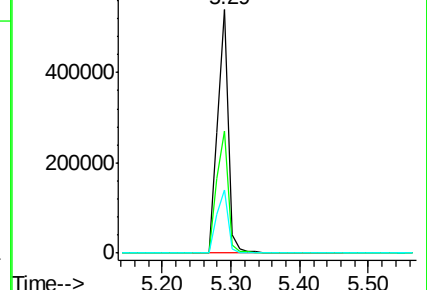
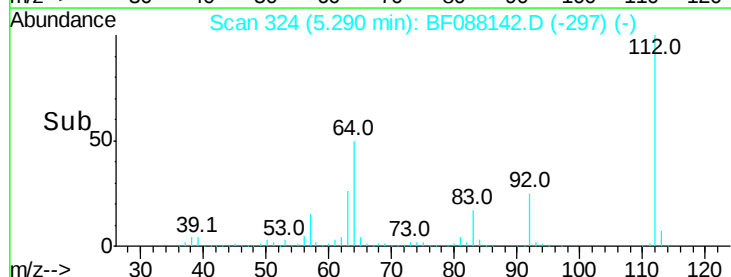
63 26.0 21.8 32.8

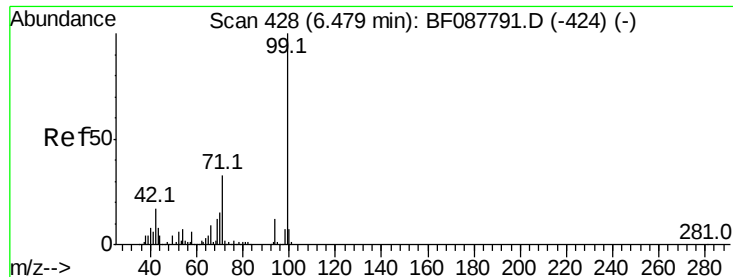


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.08 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

Instrument :

BNA_F

ClientSampleId :

P8-B3(0-5)C

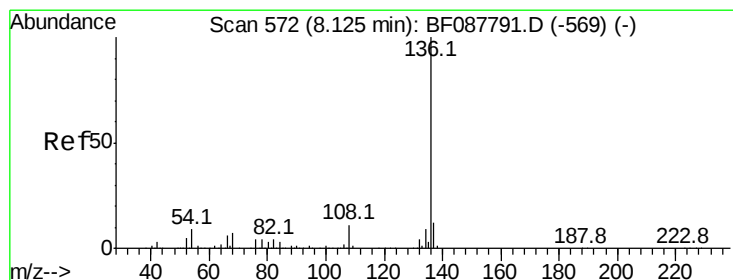
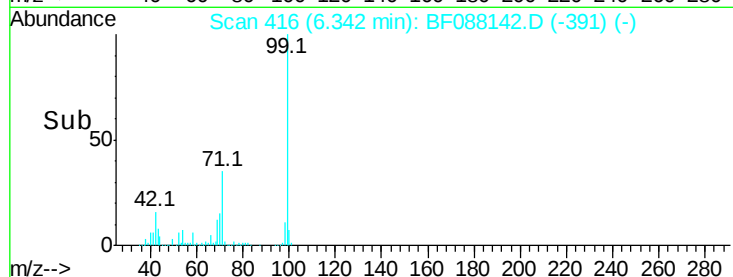
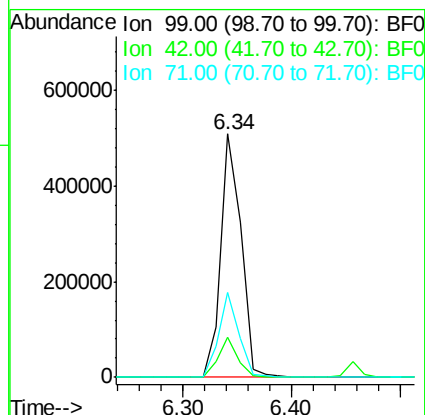
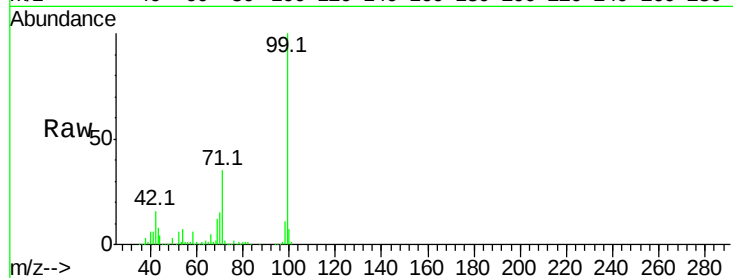
Tot Ion: 99 Resp: 666227

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 34.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

Tgt Ion: 136 Resp: 324036

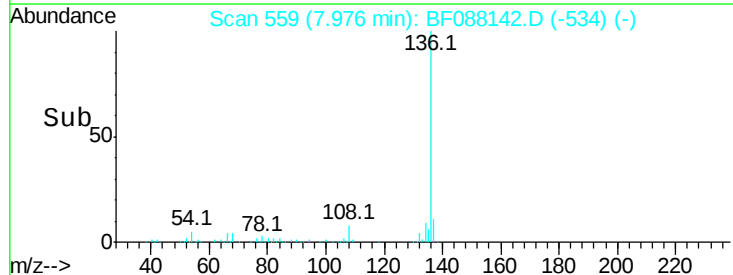
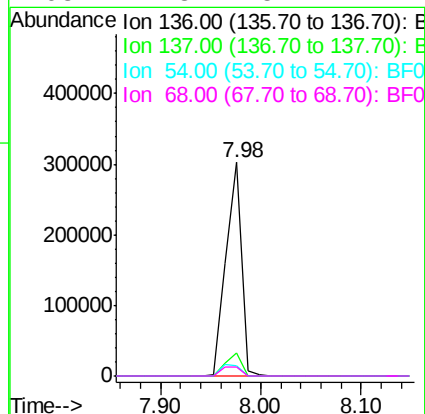
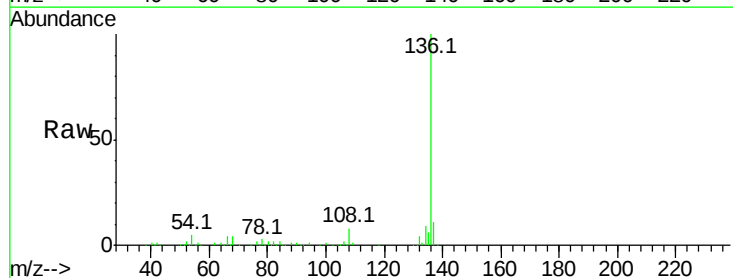
Ion Ratio Lower Upper

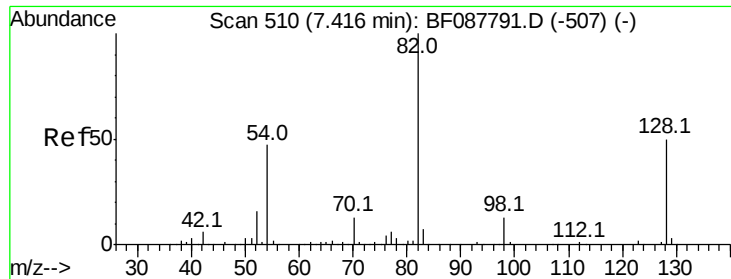
136 100

137 10.6 9.1 13.7

54 4.8 6.6 10.0#

68 4.3 5.1 7.7#

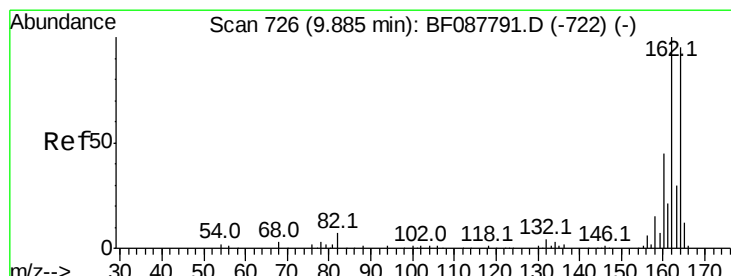
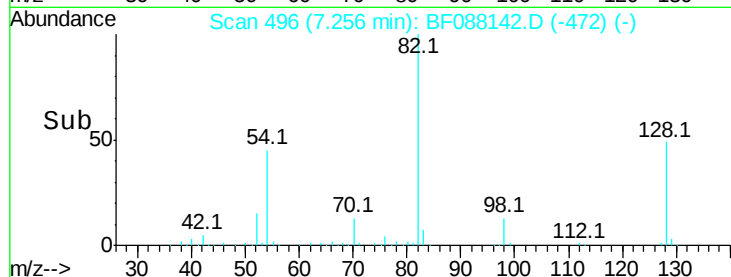
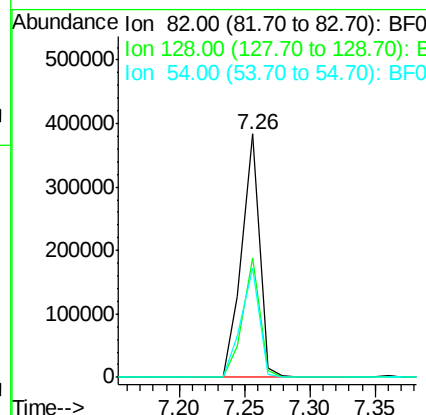
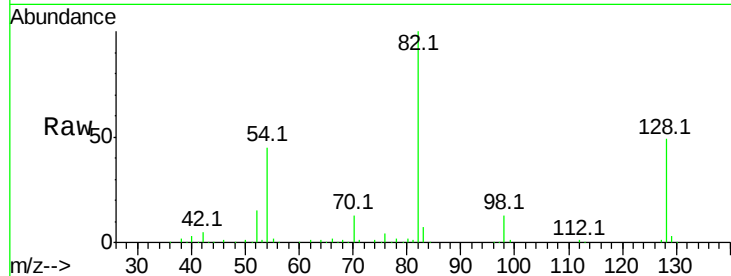




#23
 Nitrobenzene-d5
 Concen: 65.69 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088142.D
 Acq: 18 Jun 2016 19:06

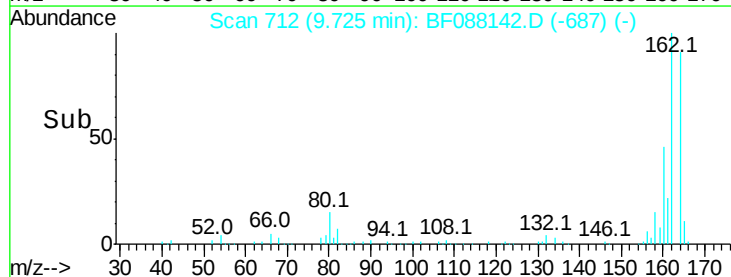
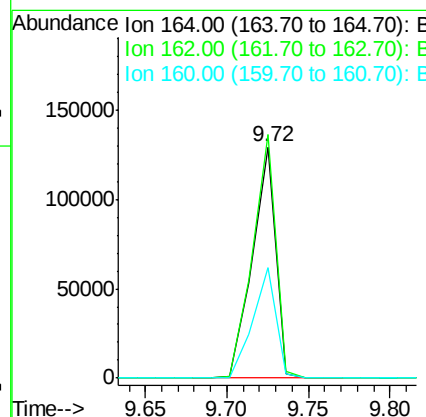
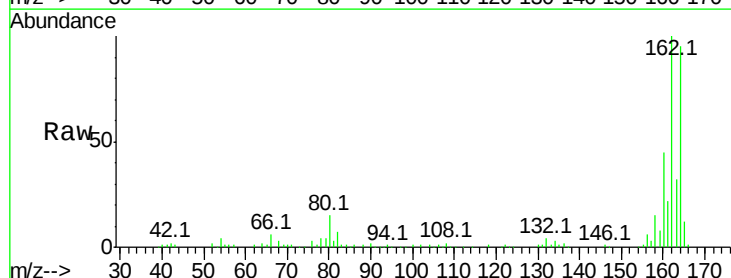
Instrument :
 BNA_F
 ClientSampleId :
 P8-B3(0-5)C

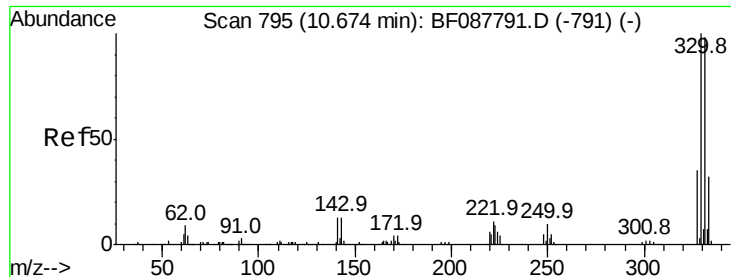
Tot Ion	82	Resp	364540
Ion Ratio	Lower	Upper	
82	100		
128	49.0	35.9	53.9
54	45.1	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088142.D
 Acq: 18 Jun 2016 19:06

Tgt Ion	164	Resp	127537
Ion Ratio	Lower	Upper	
164	100		
162	105.5	85.4	128.2
160	47.9	39.5	59.3

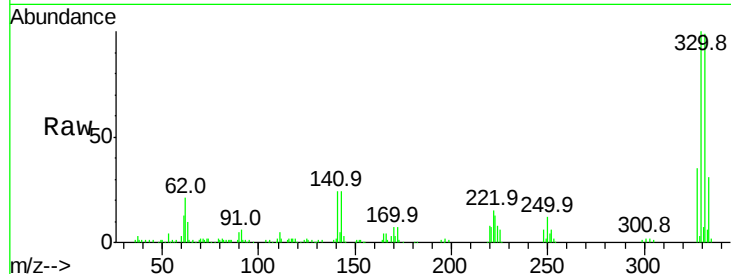




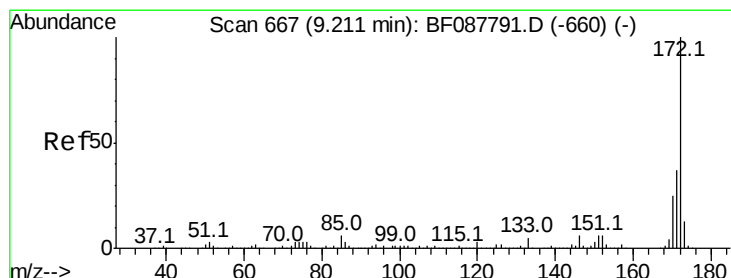
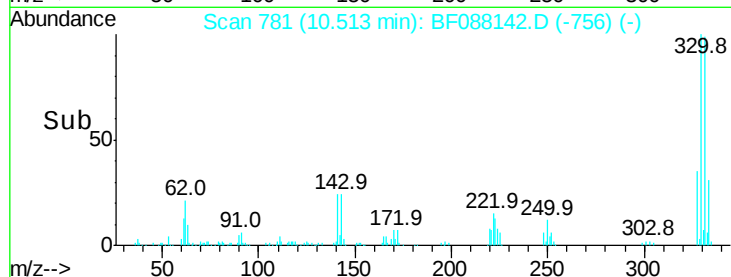
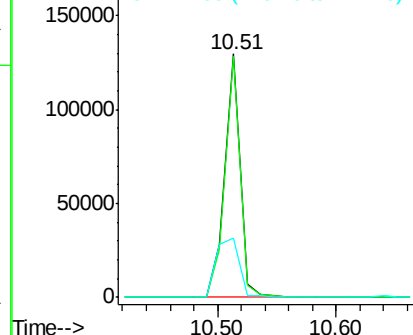
#41
 2,4,6-Tribromophenol
 Concen: 85.56 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088142.D
 Acq: 18 Jun 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 P8-B3(0-5)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	37.5	0.0	0.0#

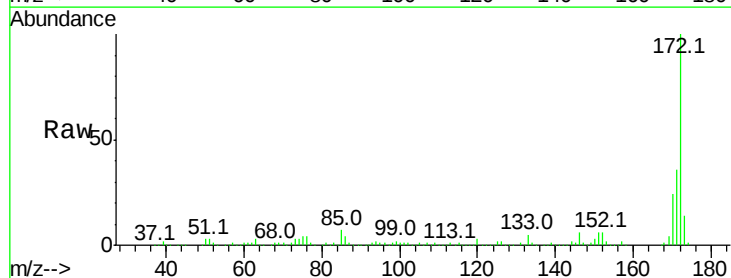


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

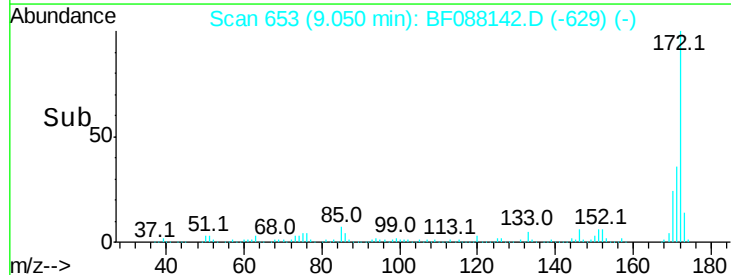
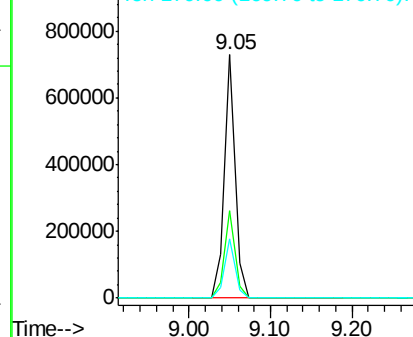


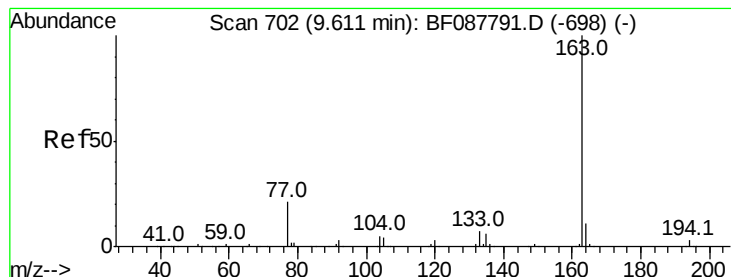
#44
 2-Fluorobiphenyl
 Concen: 82.27 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088142.D
 Acq: 18 Jun 2016 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	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





#49

Dimethylphthalate

Concen: 32.68 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

Instrument :

BNA_F

ClientSampleId :

P8-B3(0-5)C

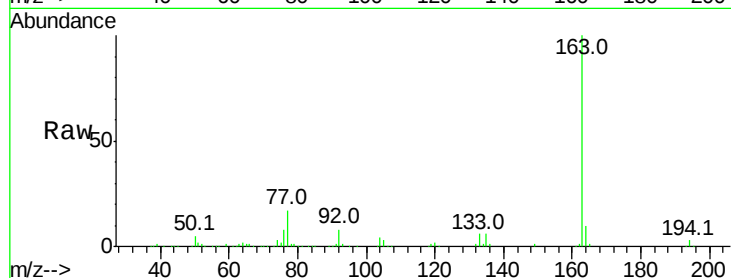
Tot Ion:163 Resp: 301943

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

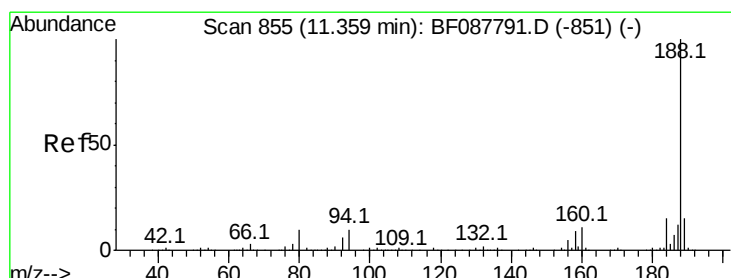
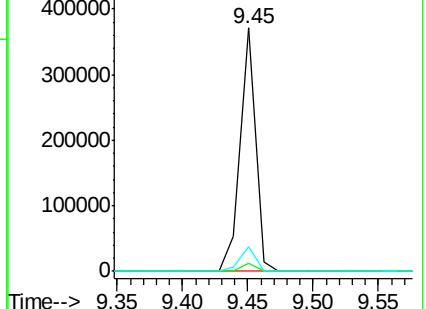
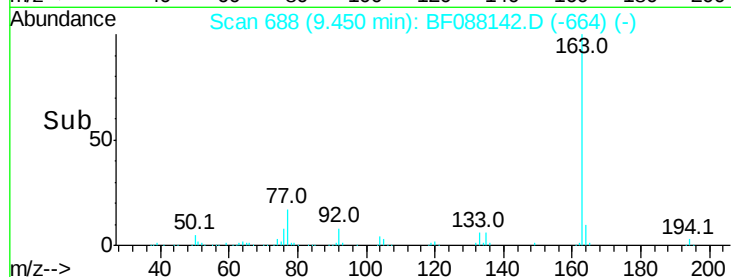
164 10.2 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

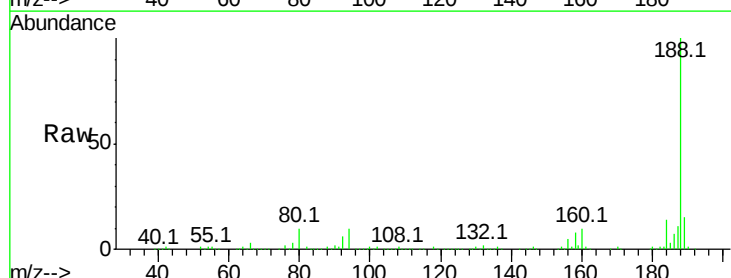
Tgt Ion:188 Resp: 212254

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.6

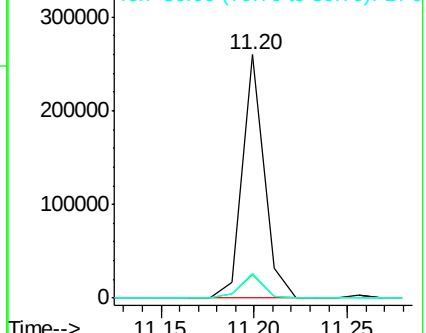
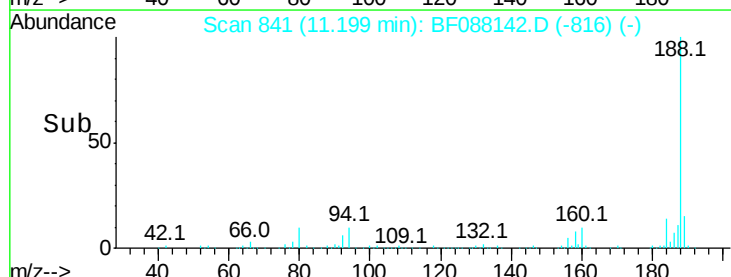
80 10.4 10.0 15.0

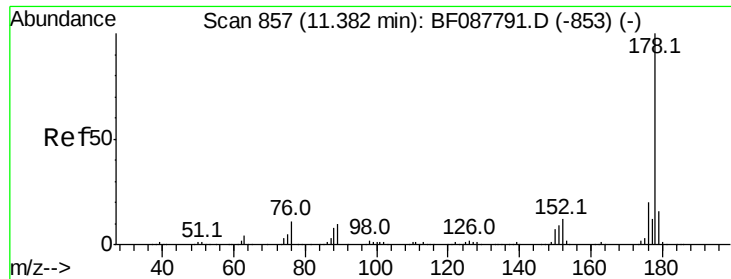


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

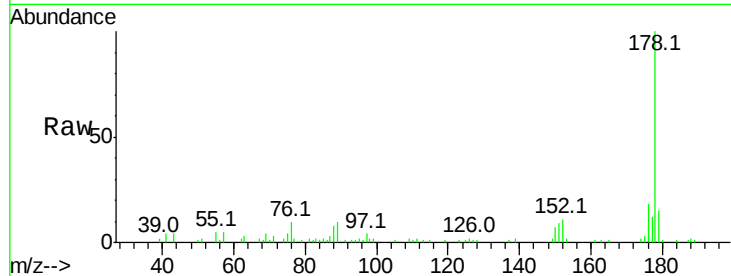




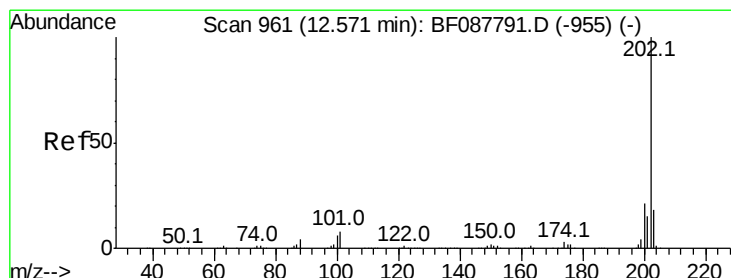
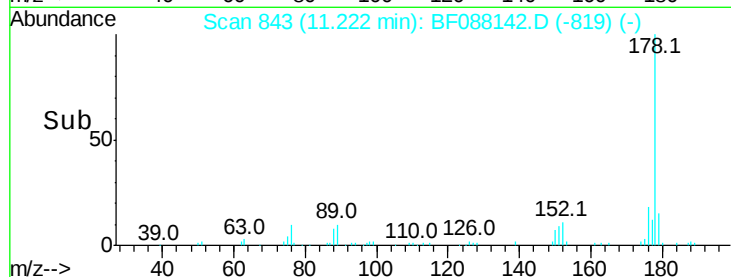
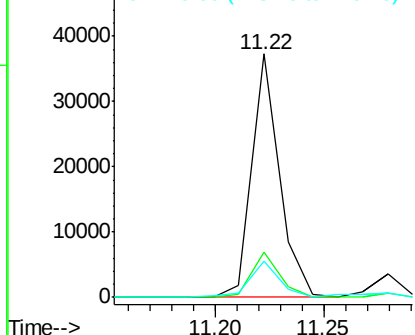
#70
Phenanthrene
Concen: 2.96 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088142.D
Acq: 18 Jun 2016 19:06

Instrument :
BNA_F
ClientSampleId :
P8-B3(0-5)C

Tot Ion:178 Resp: 32965
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.6
179 15.1 13.0 19.4

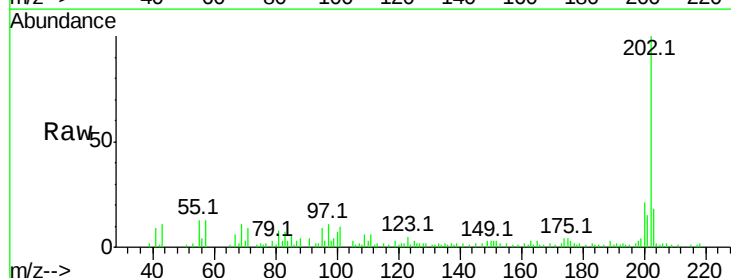


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

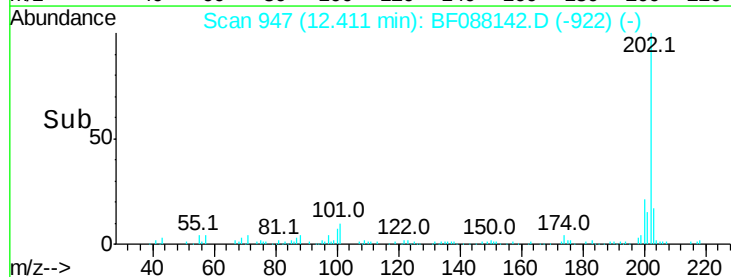
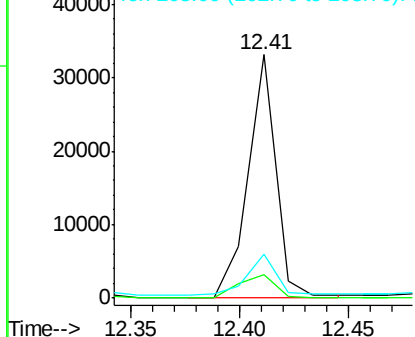


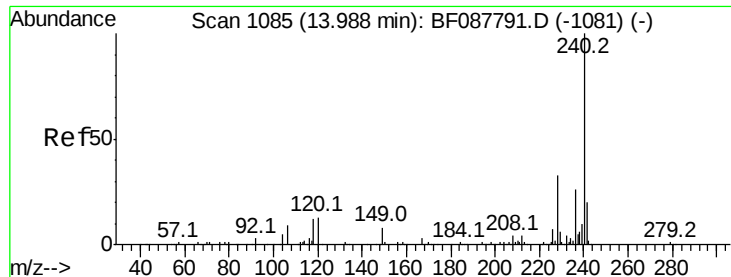
#74
Fluoranthene
Concen: 2.53 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088142.D
Acq: 18 Jun 2016 19:06

Tgt Ion:202 Resp: 29745
Ion Ratio Lower Upper
202 100
101 9.7 0.0 33.1
203 18.1 0.0 38.1



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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

Instrument :

BNA_F

ClientSampleId :

P8-B3(0-5)C

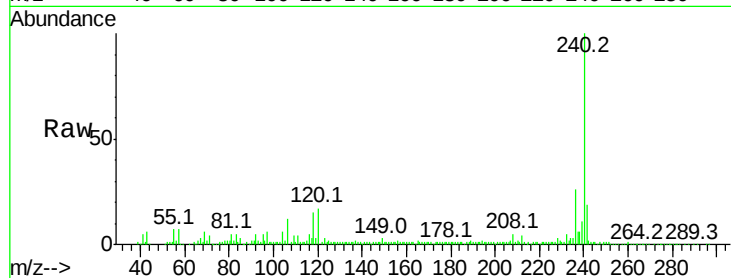
Tot Ion:240 Resp: 161217

Ion Ratio Lower Upper

240 100

120 16.7 6.8 10.2#

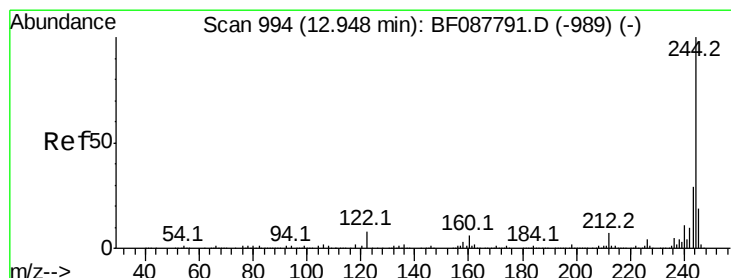
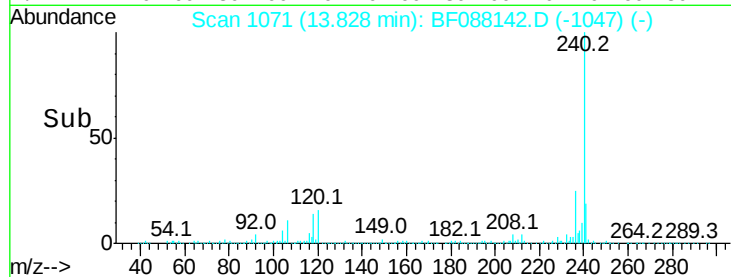
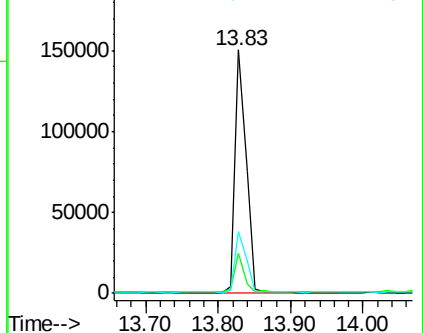
236 25.6 20.2 30.2



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



#78

Terphenyl-d14

Concen: 78.30 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088142.D

Acq: 18 Jun 2016 19:06

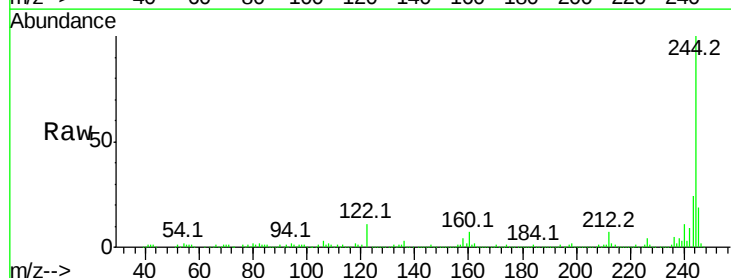
Tgt Ion:244 Resp: 554743

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

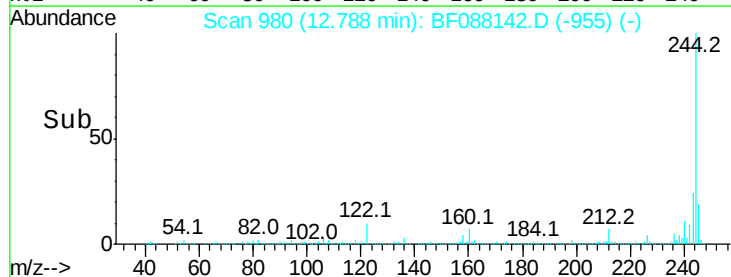
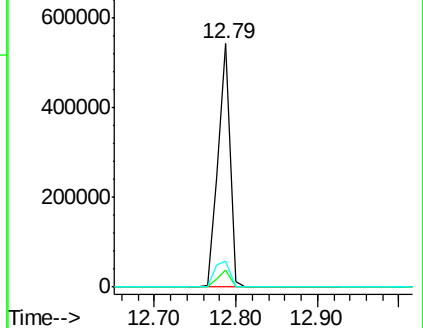
122 10.6 11.2 16.8#

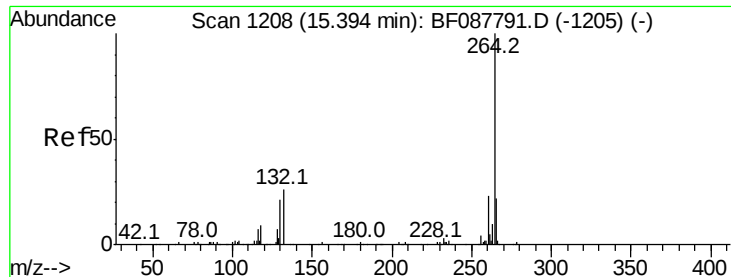


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF088142.D
Acq: 18 Jun 2016 19:06

Instrument :
BNA_F
ClientSampleId :
P8-B3(0-5)C

Tot Ion:	264	Resp:	126425
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.7	16.9	25.3

