

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088119.D
 Acq On : 18 Jun 2016 4:34
 Operator : UM/SJ
 Sample : H3542-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Jun 18 05:24:27 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

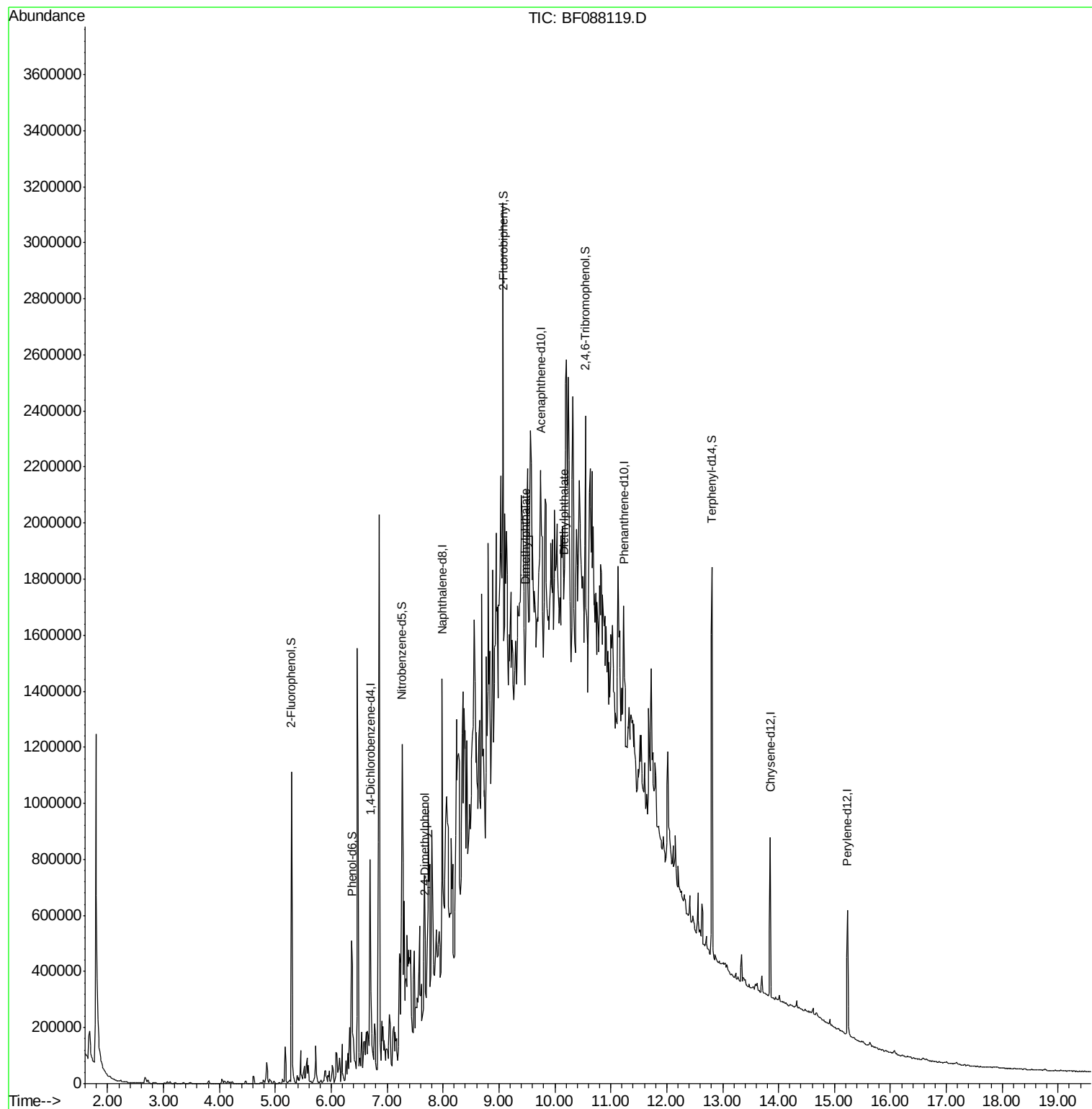
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100197	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	384621	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	234199	20.00	ng	0.01
63) Phenanthrene-d10	11.23	188	251562	20.00	ng	0.02
75) Chrysene-d12	13.85	240	220984	20.00	ng	0.00
86) Perylene-d12	15.23	264	210925	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	377139	64.35	ng	0.01
7) Phenol-d6	6.36	99	325525	45.83	ng	0.01
23) Nitrobenzene-d5	7.27	82	529956	80.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	165305	66.85	ng	0.02
44) 2-Fluorobiphenyl	9.07	172	770550	49.36	ng	0.00
78) Terphenyl-d14	12.81	244	651485	67.09	ng	0.01
Target Compounds						
27) 2,4-Dimethylphenol	7.68	122	41191	6.55	ng	97
49) Dimethylphthalate	9.47	163	88373	5.21	ng	# 69
59) Diethylphthalate	10.16	149	125338	7.30	ng	# 79

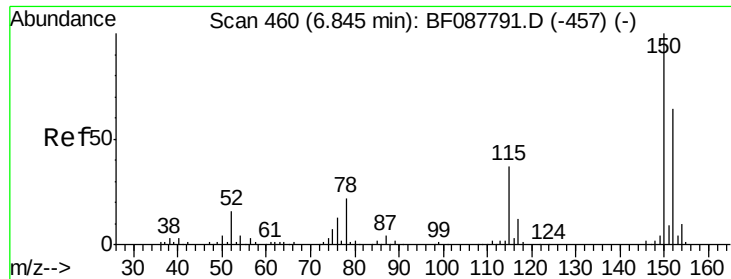
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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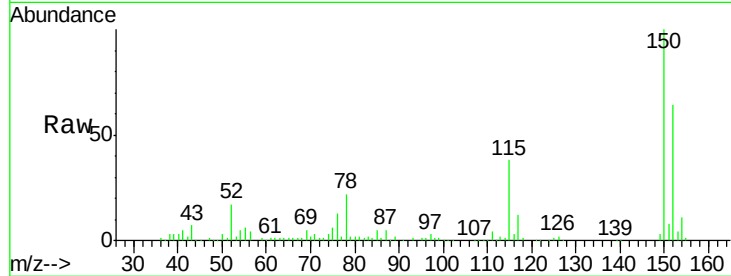


#1

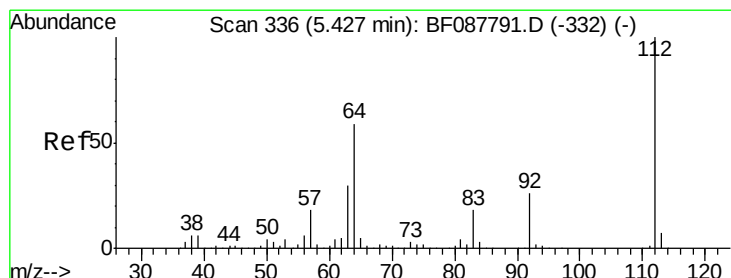
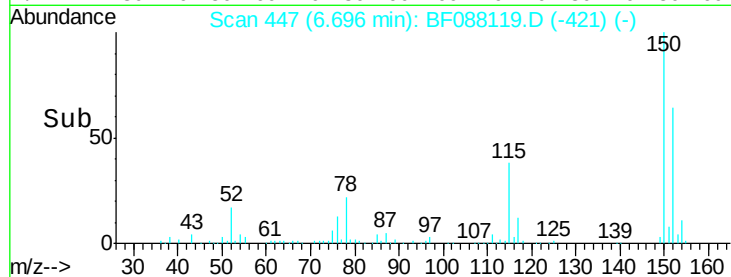
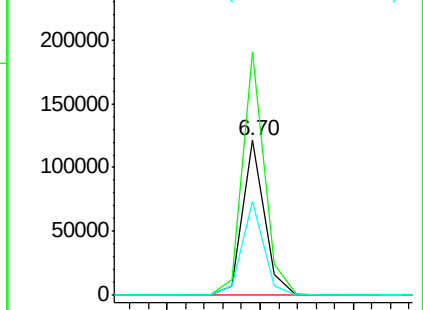
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	60.3	39.6	59.4



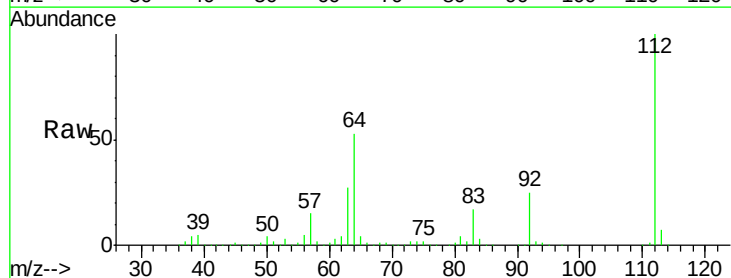
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



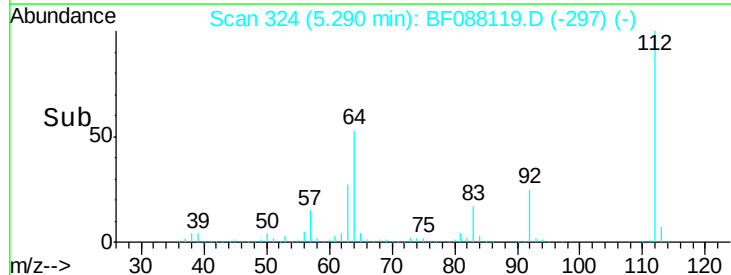
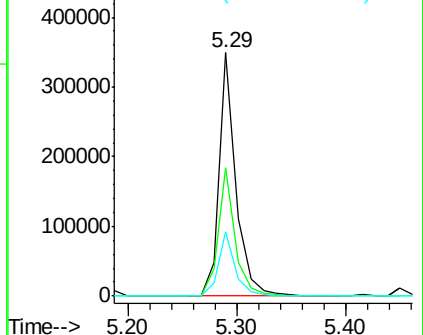
#5

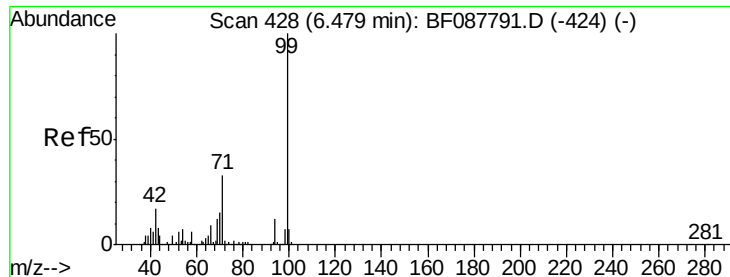
2-Fluorophenol
Concen: 64.35 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.2	63.2
63	26.7	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: 45.83 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088119.D

Acq: 18 Jun 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-01

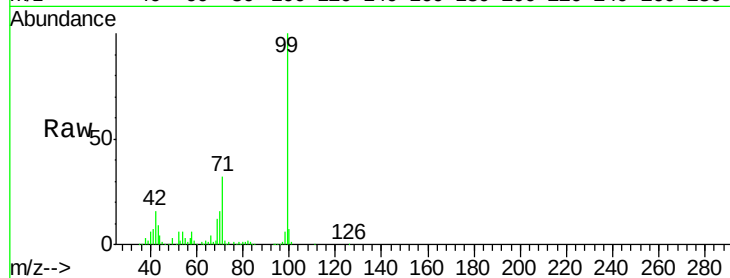
Tot Ion: 99 Resp: 325525

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 32.3 23.4 35.0



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

250000

200000

150000

100000

50000

0

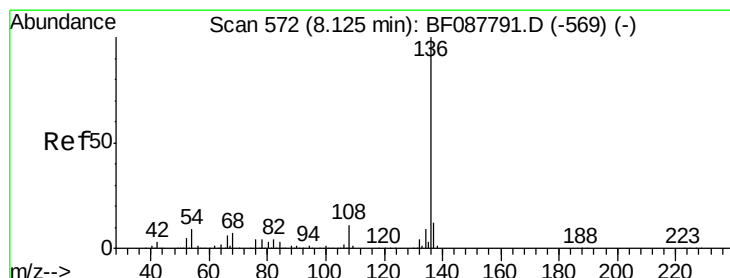
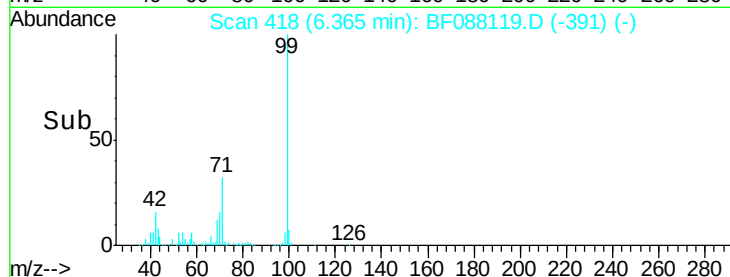
6.30

6.36

6.40

6.50

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF088119.D

Acq: 18 Jun 2016 4:34

Tgt Ion: 136 Resp: 384621

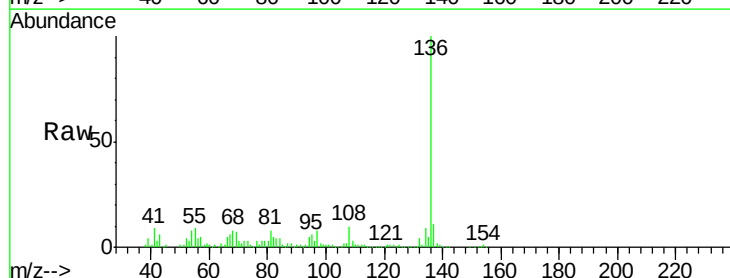
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.1 6.6 10.0

68 7.6 5.1 7.7



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

600000

500000

400000

300000

200000

100000

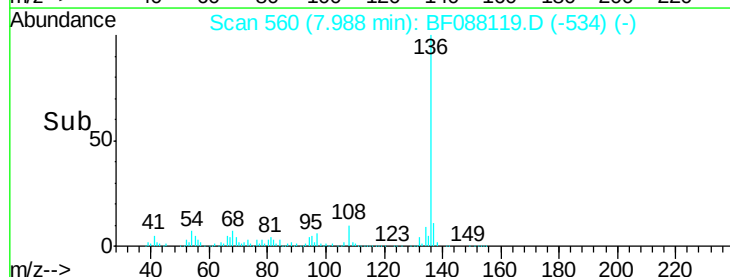
0

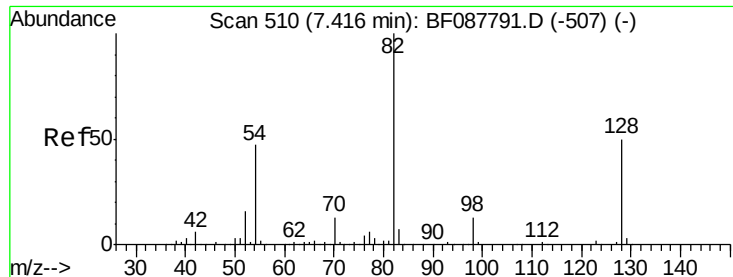
7.95

7.99

8.05

Time-->

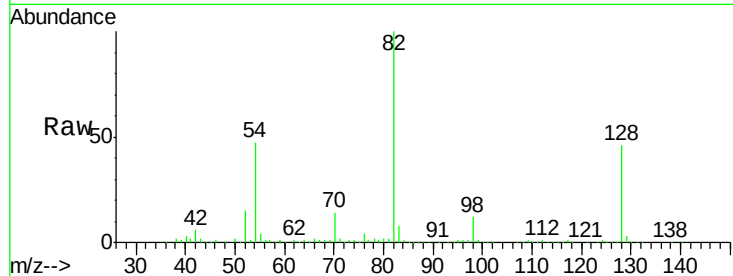




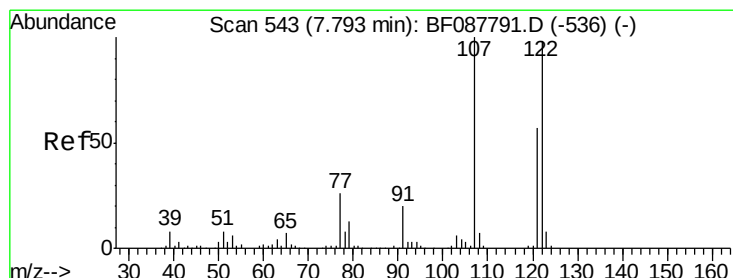
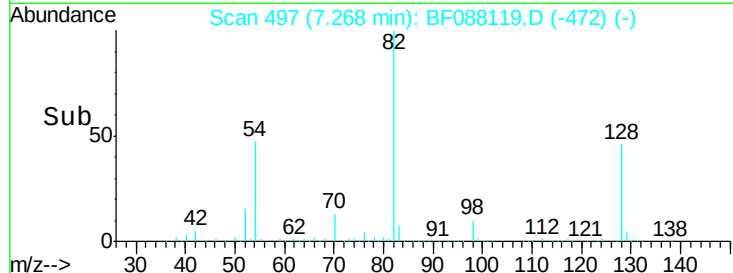
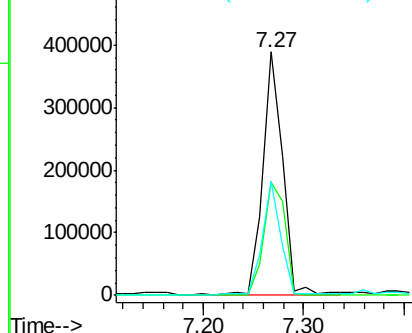
#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088119.D
 Acq: 18 Jun 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion	82	Resp	529956
Ion Ratio	100	Lower	Upper
128	46.2	35.9	53.9
54	47.0	40.9	61.3

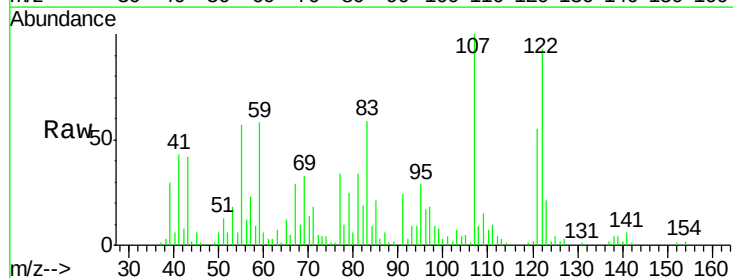


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

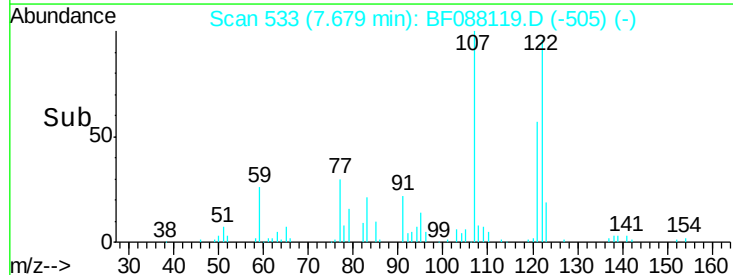
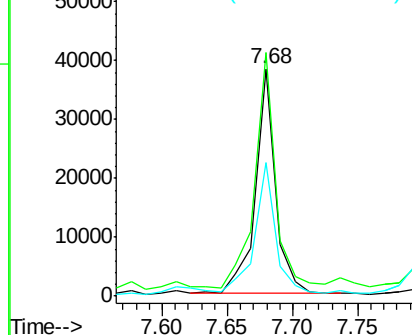


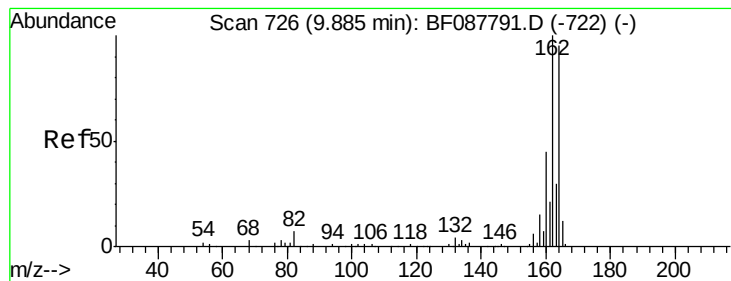
#27
 2,4-Dimethylphenol
 Concen: 6.55 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: BF088119.D
 Acq: 18 Jun 2016 4:34

Tgt Ion	122	Resp	41191
Ion Ratio	100	Lower	Upper
107	107.0	82.4	123.6
121	58.9	46.3	69.5



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF088119.D

Acq: 18 Jun 2016 4:34

Instrument :

BNA_F

ClientSampleId :

MW-01

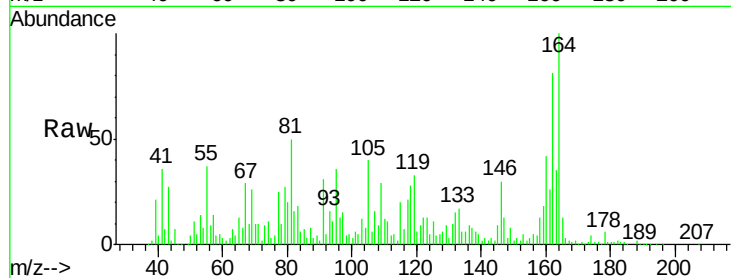
Tot Ion:164 Resp: 234199

Ion Ratio Lower Upper

164 100

162 81.3 85.4 128.2#

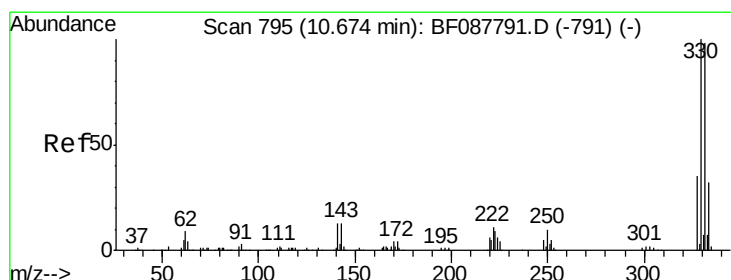
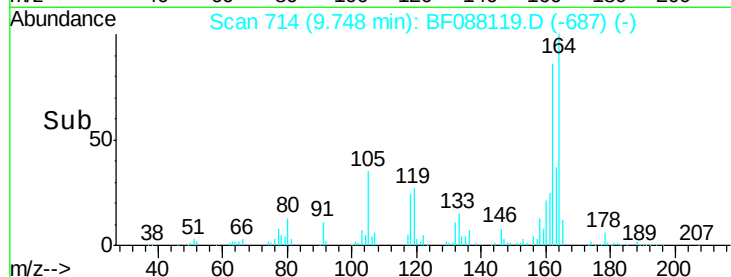
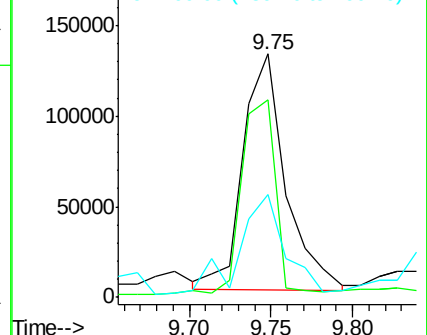
160 42.2 39.5 59.3



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: 66.85 ng

RT: 10.55 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF088119.D

Acq: 18 Jun 2016 4:34

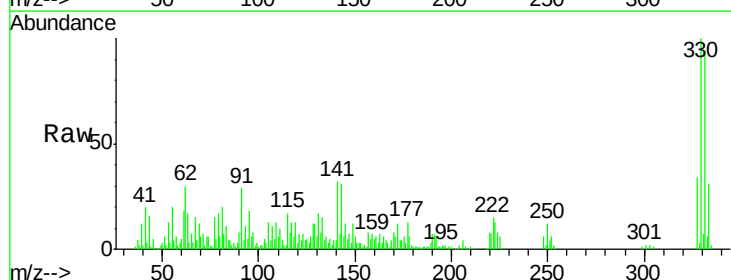
Tgt Ion:330 Resp: 165305

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

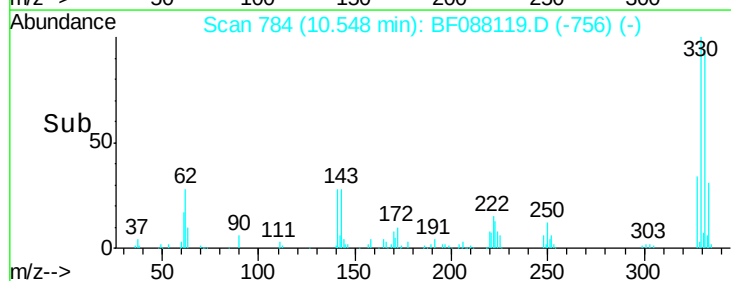
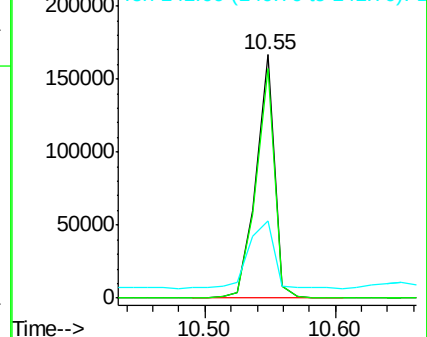
141 39.8 0.0 0.0#

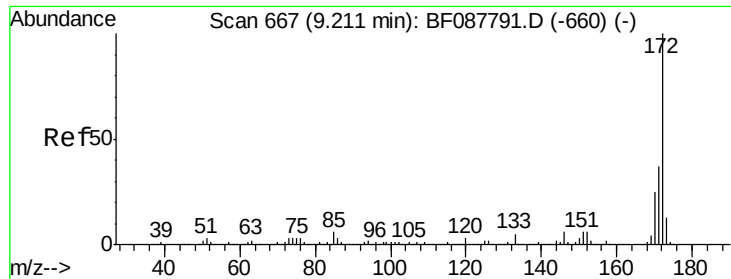


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

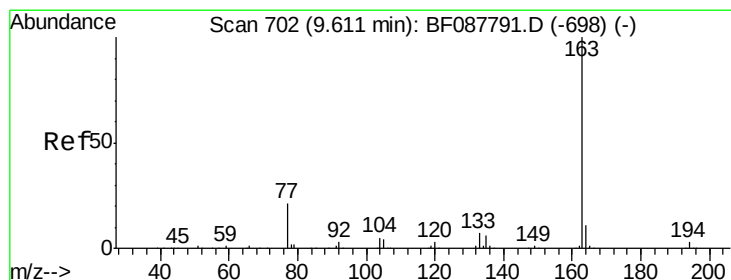
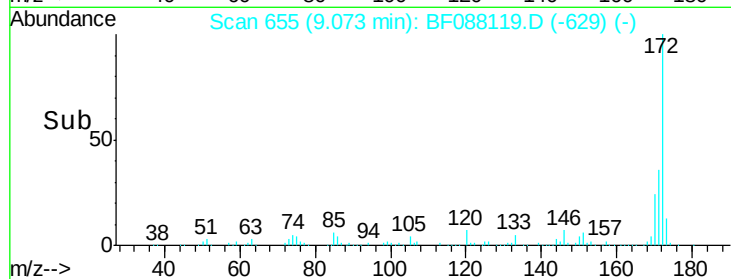
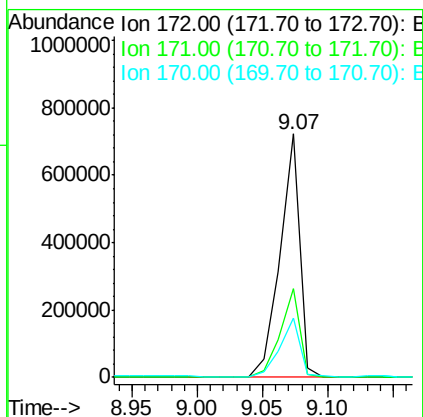
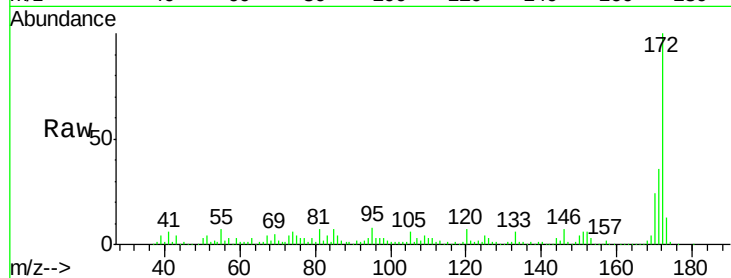




#44
2-Fluorobiphenyl
Concen: 49.36 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

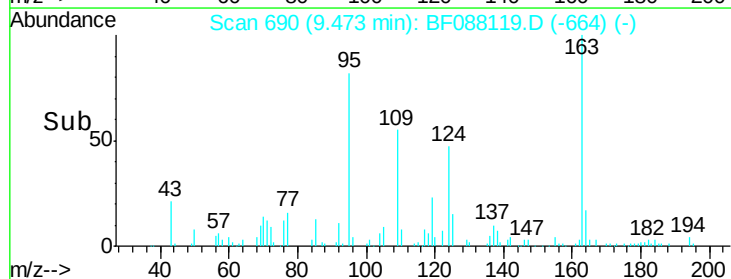
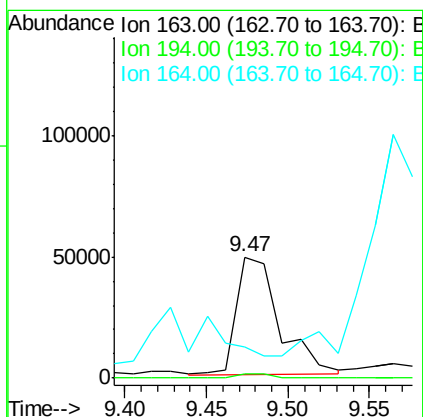
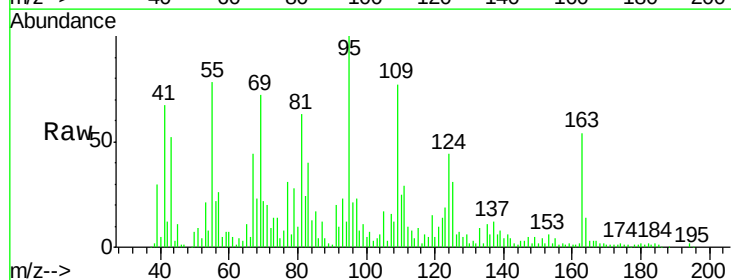
Instrument :
BNA_F
ClientSampled :
MW-01

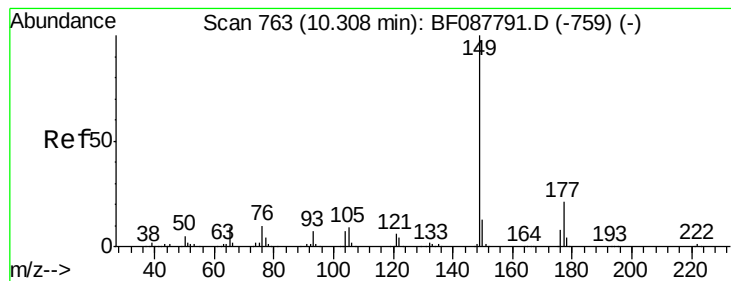
Tot Ion:172 Resp: 770550
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 19.2 28.8



#49
Dimethylphthalate
Concen: 5.21 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

Tgt Ion:163 Resp: 88373
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 25.8 8.3 12.5#





#59

Diethylphthalate

Concen: 7.30 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088119.D

Acq: 18 Jun 2016 4:34

Instrument :

BNA_F

ClientSampled :

MW-01

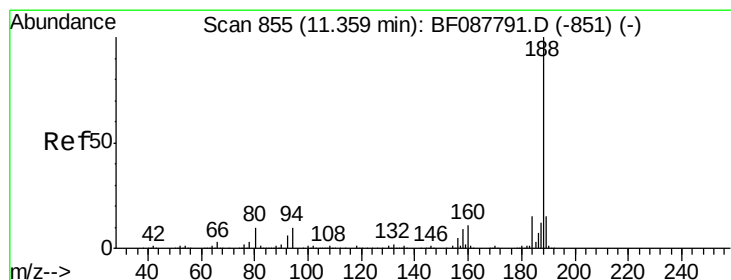
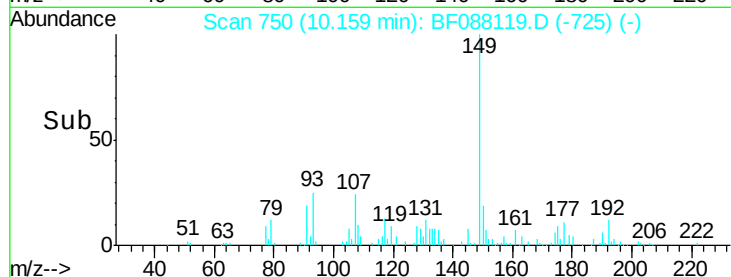
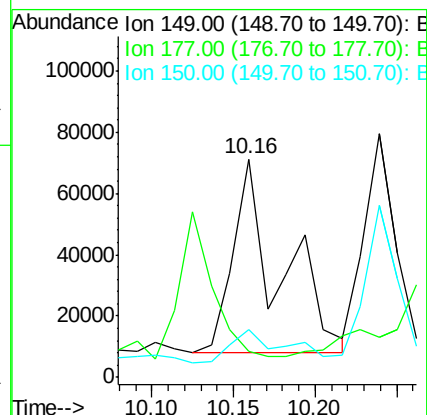
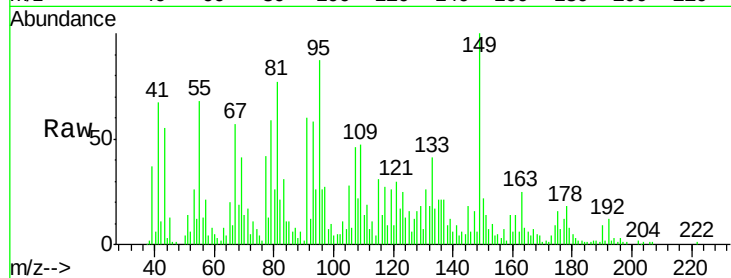
Tot Ion:149 Resp: 125338

Ion Ratio Lower Upper

149 100

177 12.1 16.9 25.3#

150 22.1 10.1 15.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF088119.D

Acq: 18 Jun 2016 4:34

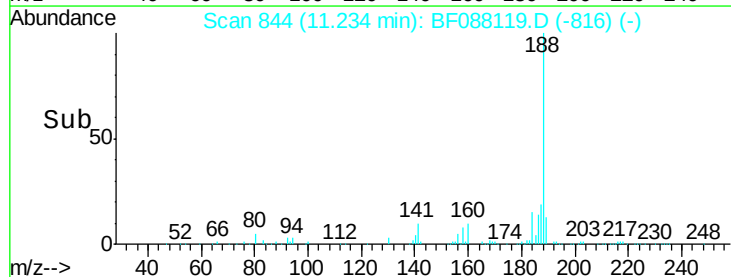
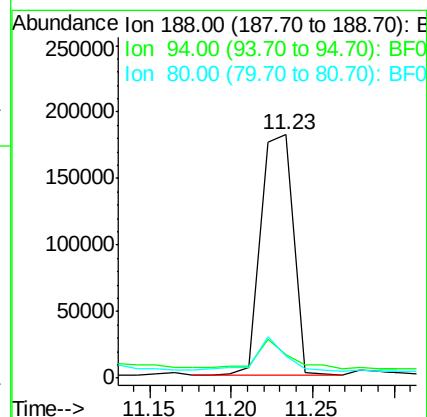
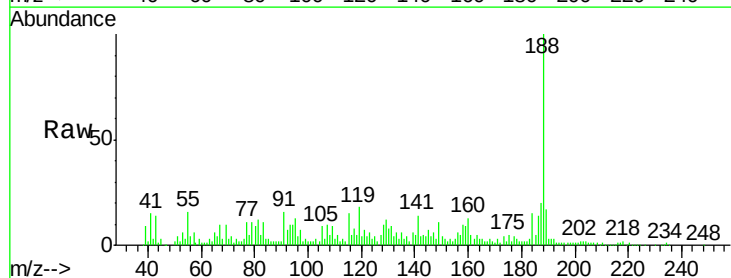
Tgt Ion:188 Resp: 251562

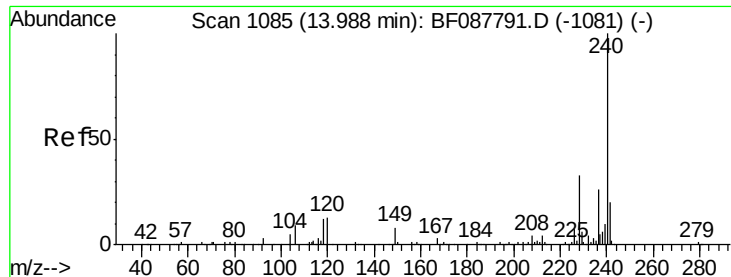
Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.6

80 9.3 10.0 15.0#

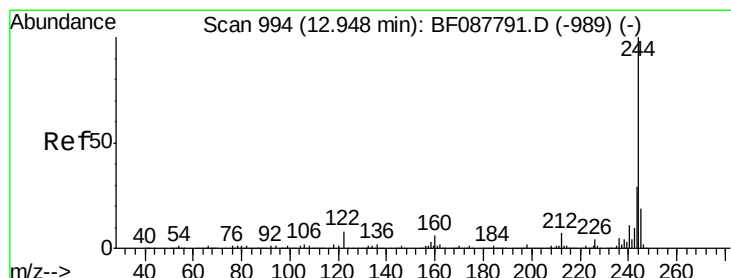
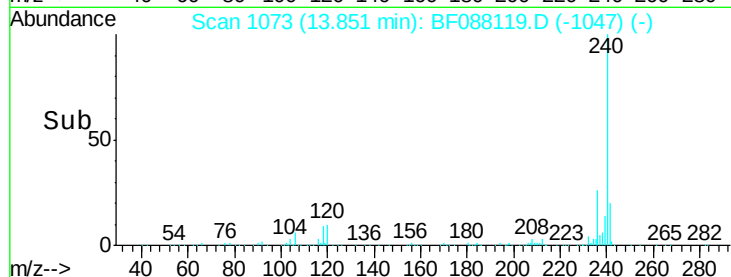
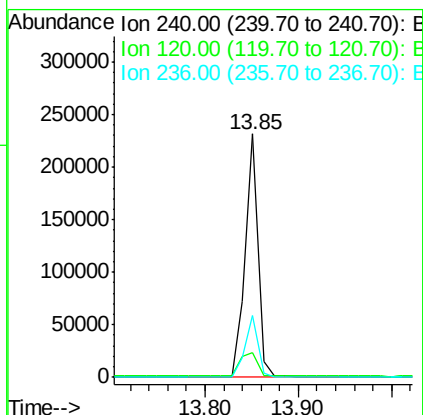
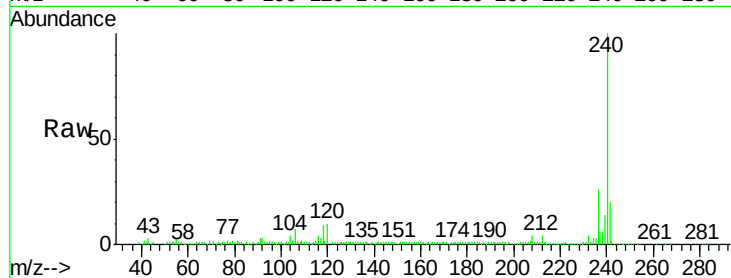




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

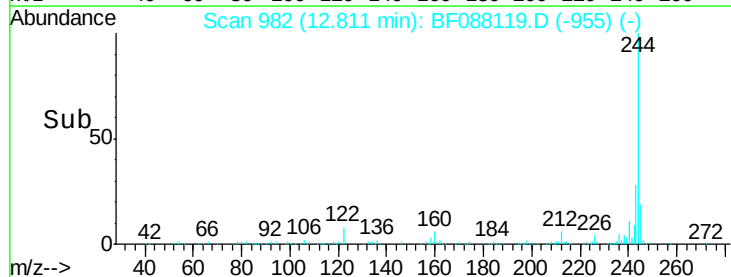
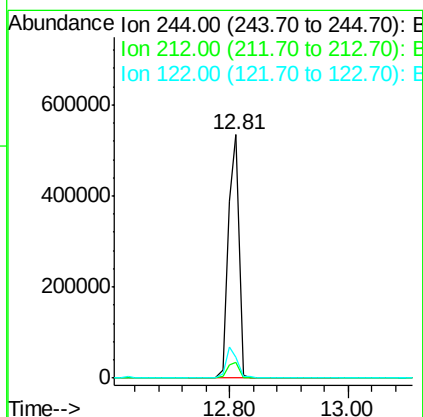
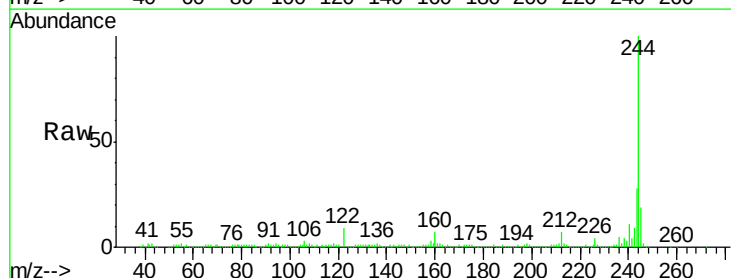
Instrument :
BNA_F
ClientSampleId :
MW-01

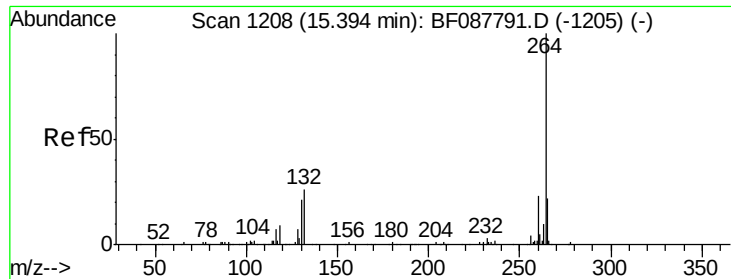
Tot Ion:240 Resp: 220984
Ion Ratio Lower Upper
240 100
120 10.3 6.8 10.2#
236 25.6 20.2 30.2



#78
Terphenyl-d14
Concen: 67.09 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

Tgt Ion:244 Resp: 651485
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.6 11.2 16.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF088119.D
Acq: 18 Jun 2016 4:34

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3

