

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088406.D
 Acq On : 26 Jun 2016 7:29
 Operator : UM/SJ
 Sample : H3602-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

Quant Time: Jun 26 08:28:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

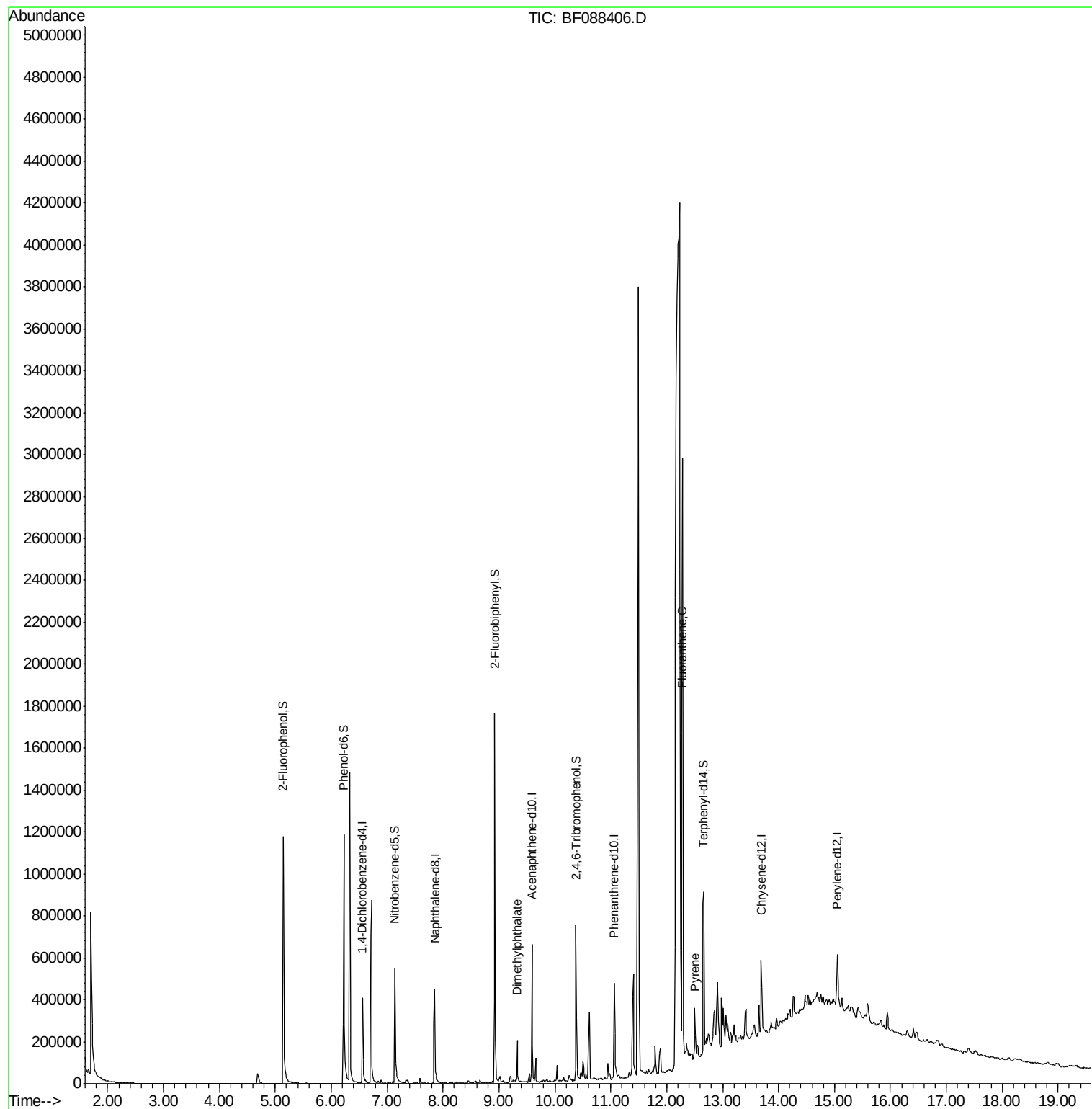
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	80668m	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	312750	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	132679	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	213081	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	163452	20.00	ng	-0.06
86) Perylene-d12	15.05	264	119515	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	461651	97.83	ng	-0.03
7) Phenol-d6	6.23	99	570024	99.68	ng	-0.03
23) Nitrobenzene-d5	7.13	82	341215	63.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	107548	76.77	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	598332	69.86	ng	-0.05
78) Terphenyl-d14	12.66	244	394424	54.91	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	82336	8.57	ng	99
74) Fluoranthene	12.27	202	25876	2.19	ng	# 1
77) Pyrene	12.51	202	40169	3.31	ng	96

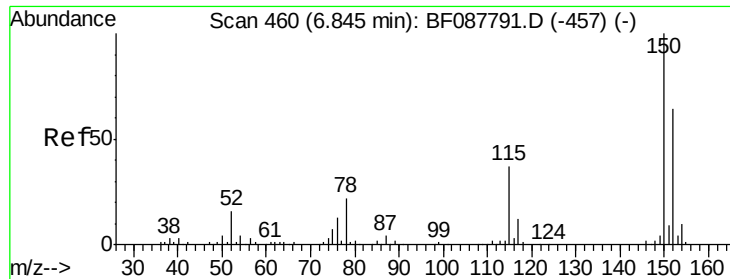
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088406.D
Acq On : 26 Jun 2016 7:29
Operator : UM/SJ
Sample : H3602-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Quant Time: Jun 26 08:28:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

Instrument :

BNA_F

ClientSampleId :

Q8-B1(0-5)C

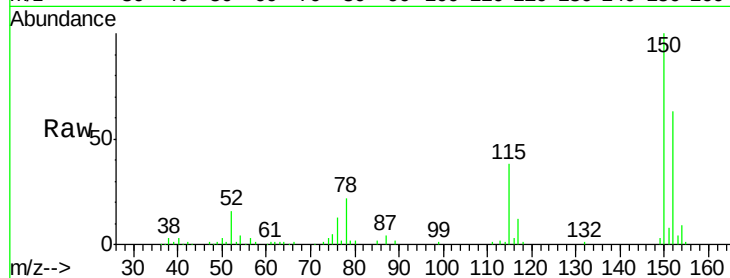
Tot Ion:152 Resp: 80668

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

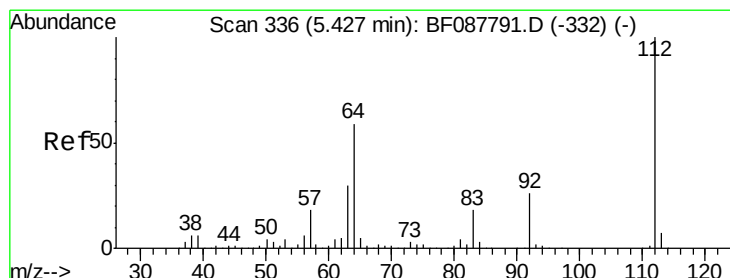
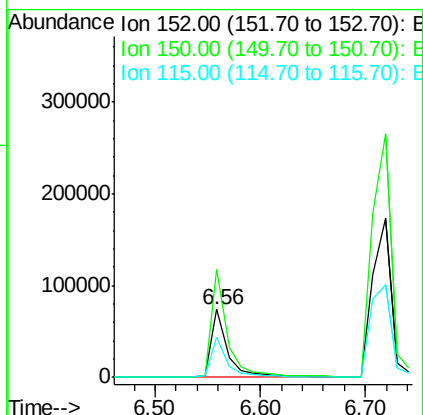
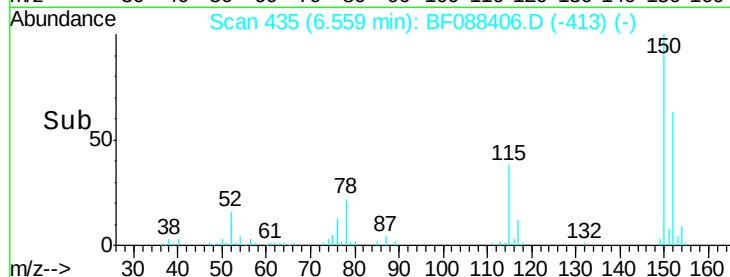
115 59.6 39.6 59.4#



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: 97.83 ng/mL

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

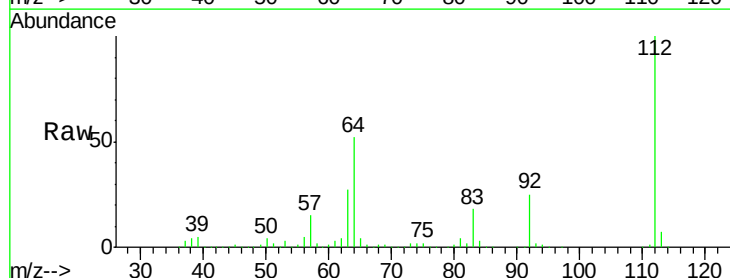
Tgt Ion:112 Resp: 461651

Ion Ratio Lower Upper

112 100

64 51.6 42.2 63.2

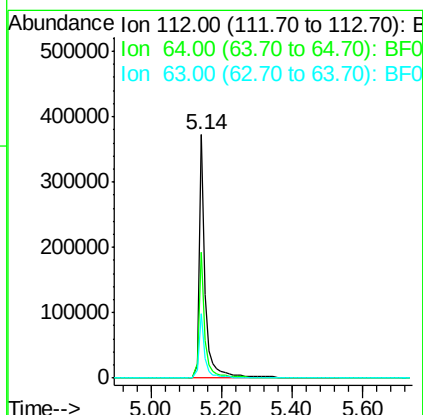
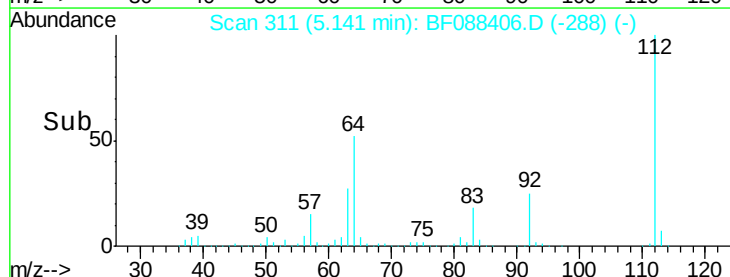
63 26.7 21.8 32.8

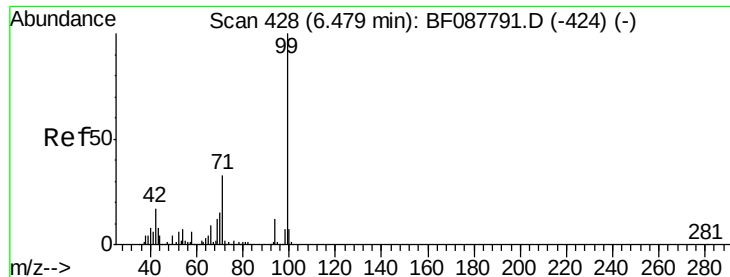


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.68 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

Instrument :

BNA_F

ClientSampleId :

Q8-B1(0-5)C

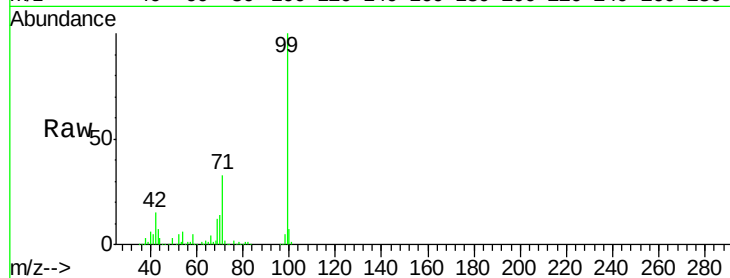
Tot Ion: 99 Resp: 570024

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

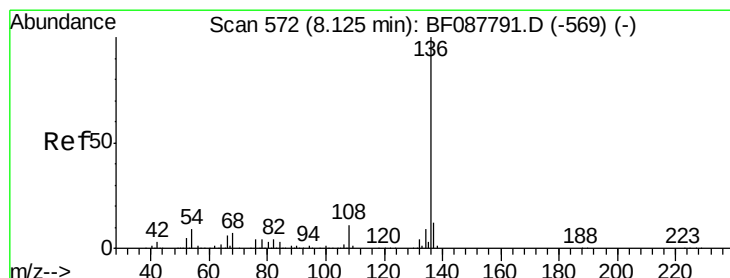
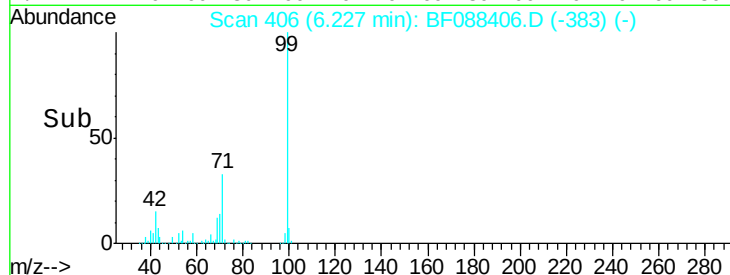
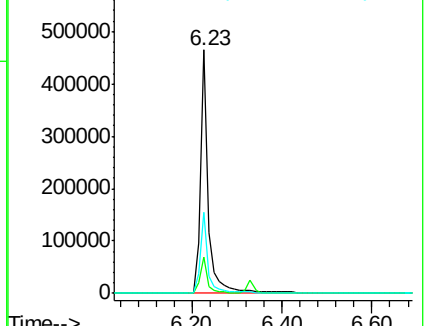
71 33.4 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

Tgt Ion: 136 Resp: 312750

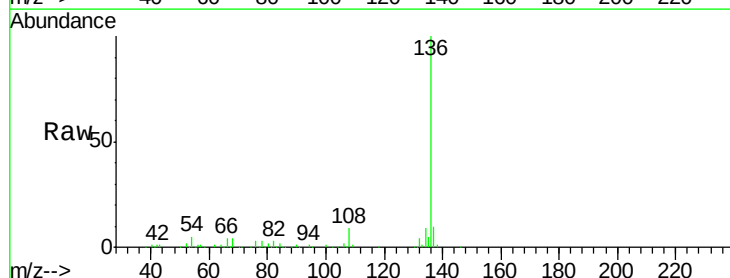
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.8 6.6 10.0#

68 4.3 5.1 7.7#

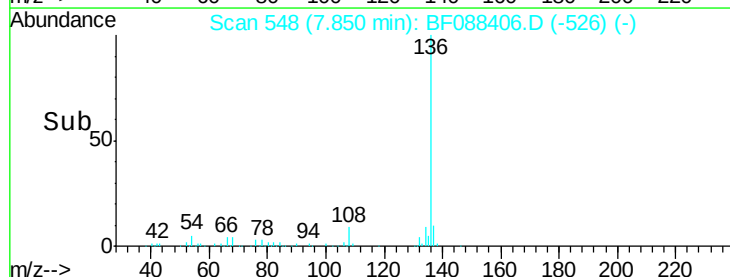
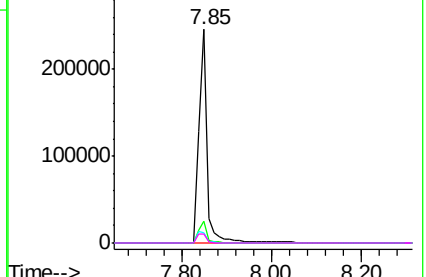


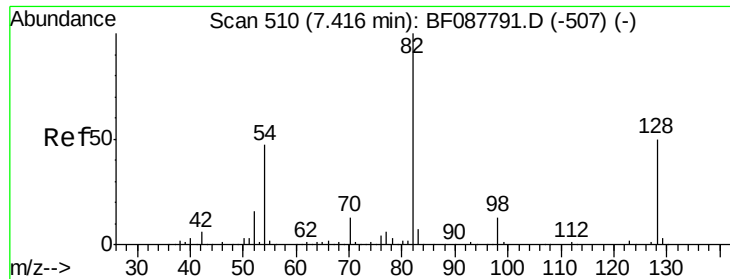
Abundance Ion 136.00 (135.70 to 136.70): E

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

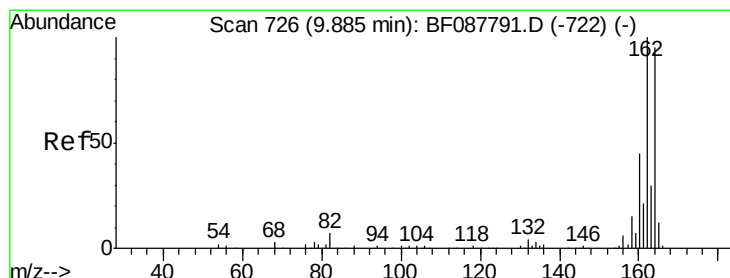
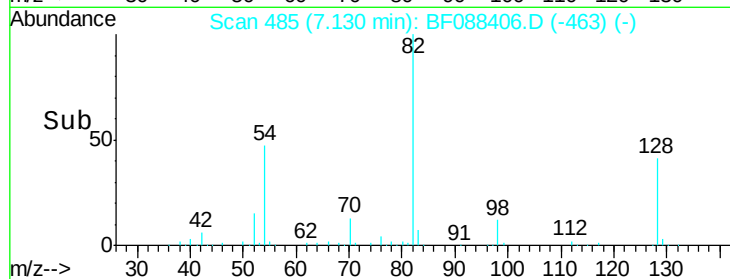
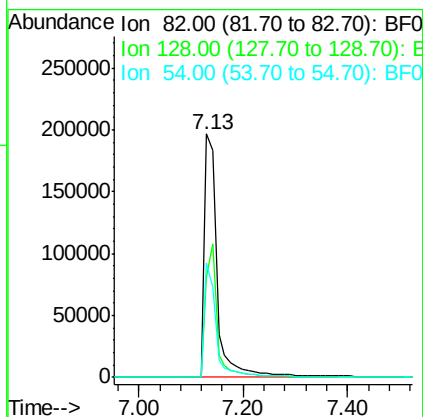
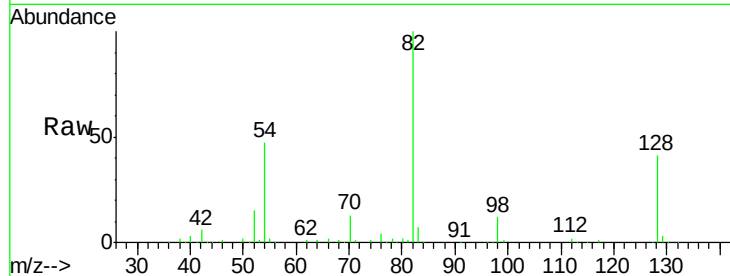




#23
 Nitrobenzene-d5
 Concen: 63.71 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088406.D
 Acq: 26 Jun 2016 7:29

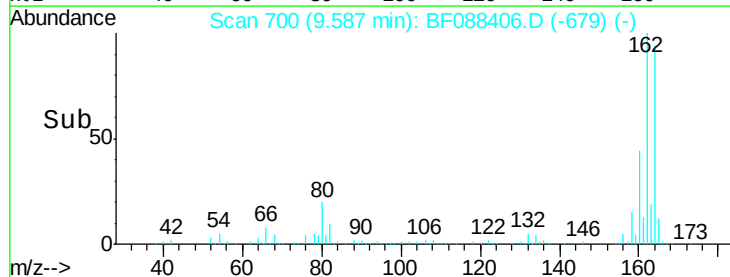
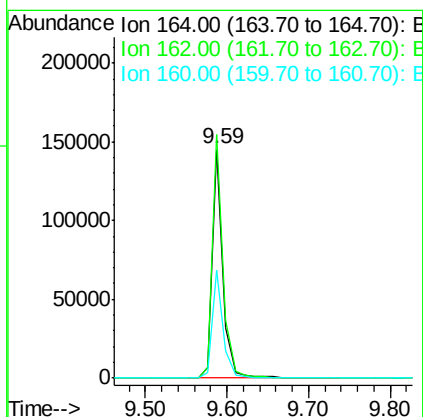
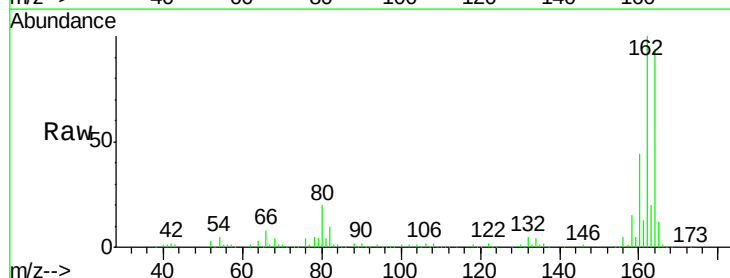
Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

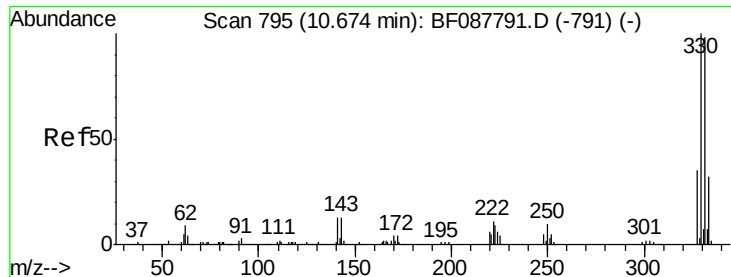
Tot Ion	82	Resp	341215
Ion Ratio	100	Lower	Upper
128	41.3	35.9	53.9
54	47.2	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088406.D
 Acq: 26 Jun 2016 7:29

Tgt Ion	164	Resp	132679
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.5	85.4	128.2
160	47.2	39.5	59.3

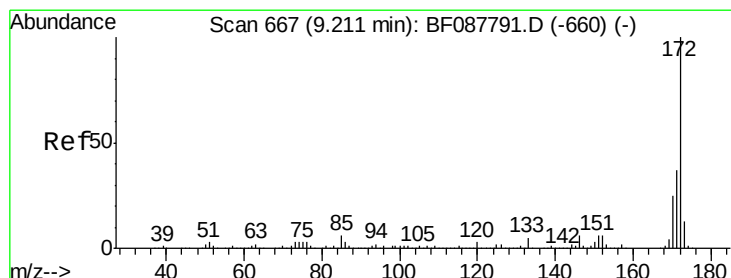
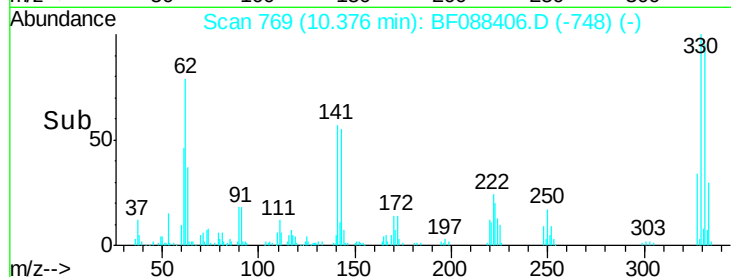
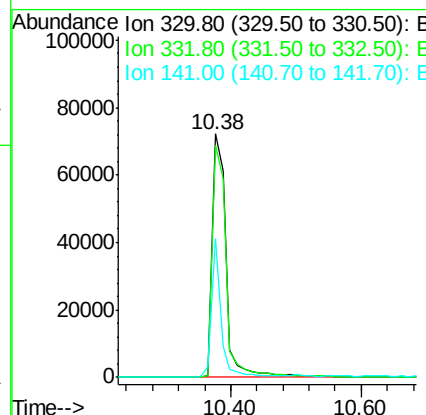
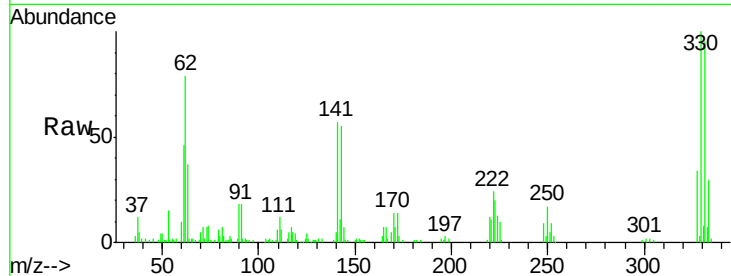




#41
 2,4,6-Tribromophenol
 Concen: 76.77 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088406.D
 Acq: 26 Jun 2016 7:29

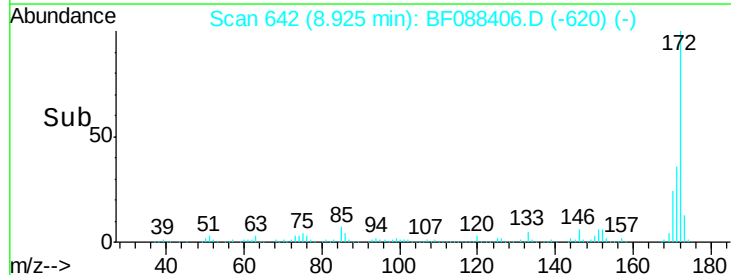
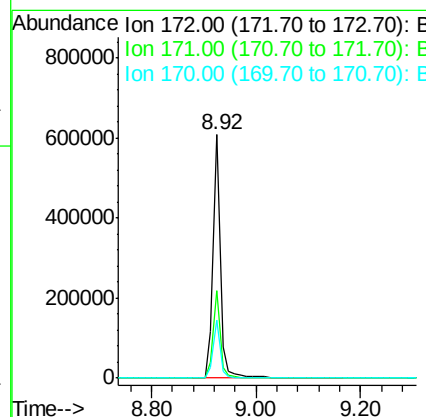
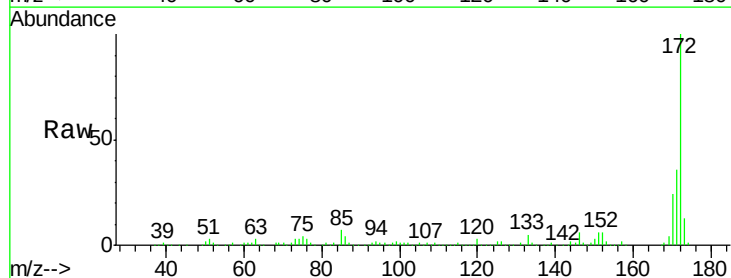
Instrument :
 BNA_F
 ClientSampleId :
 Q8-B1(0-5)C

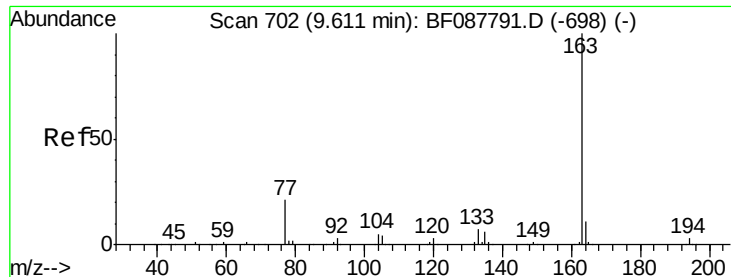
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	39.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 69.86 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088406.D
 Acq: 26 Jun 2016 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.2	28.8

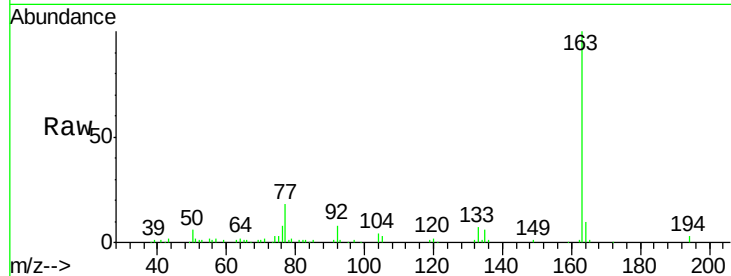




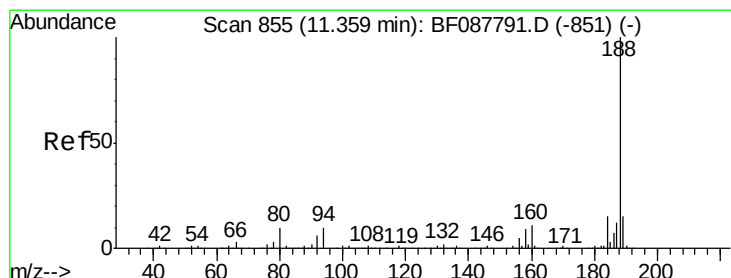
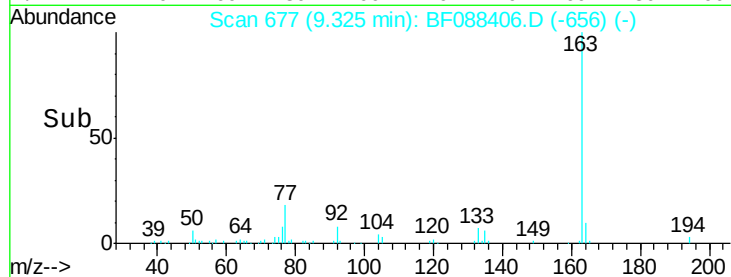
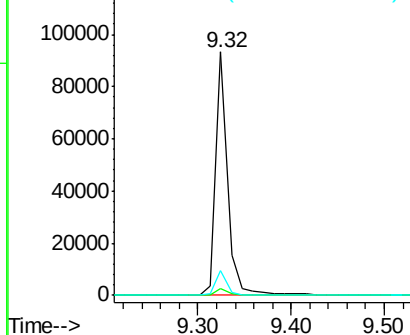
#49
Dimethylphthalate
Concen: 8.57 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tot Ion:163 Resp: 82336
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.1 8.3 12.5

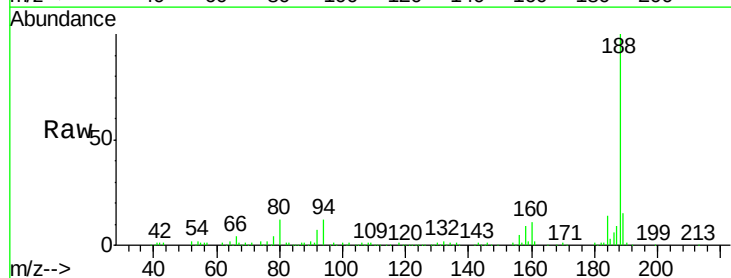


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

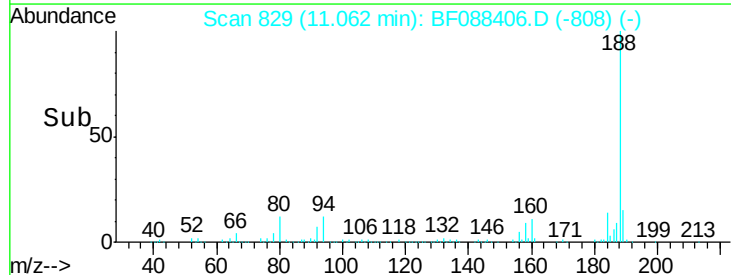
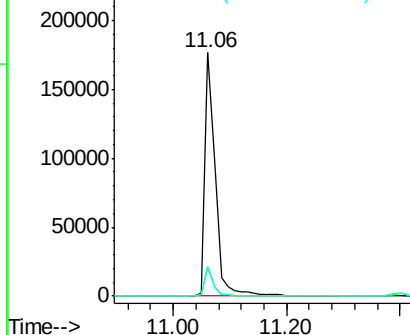


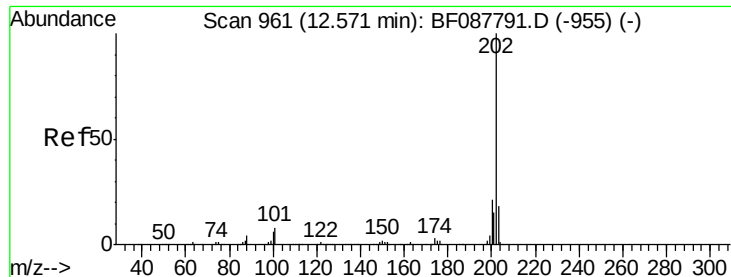
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Tgt Ion:188 Resp: 213081
Ion Ratio Lower Upper
188 100
94 11.9 9.0 13.6
80 12.4 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





#74

Fluoranthene

Concen: 2.19 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

Instrument :

BNA_F

ClientSampleId :

Q8-B1(0-5)C

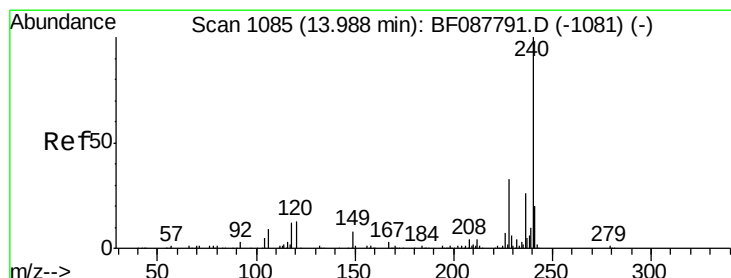
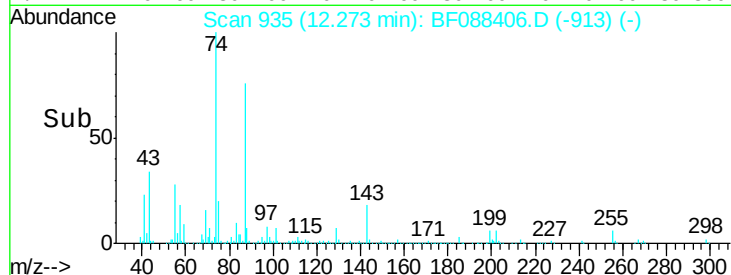
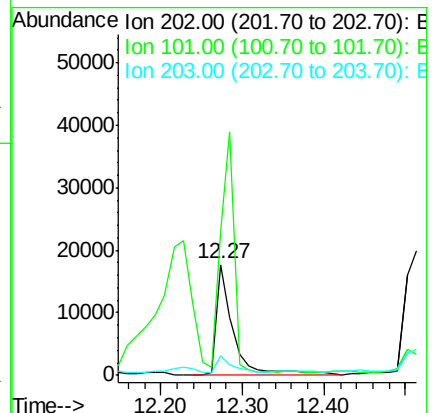
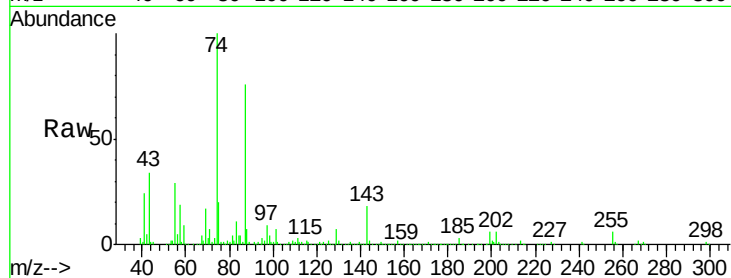
Tot Ion:202 Resp: 25876

Ion Ratio Lower Upper

202 100

101 129.4 0.0 33.1#

203 18.1 0.0 38.1



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

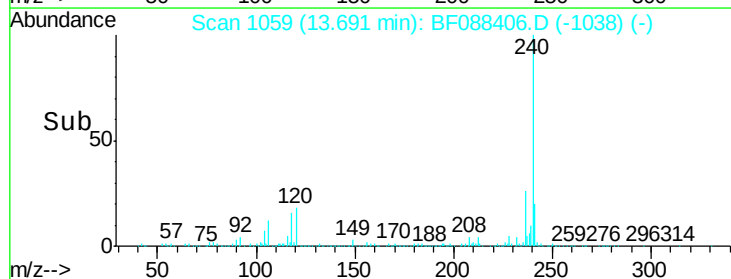
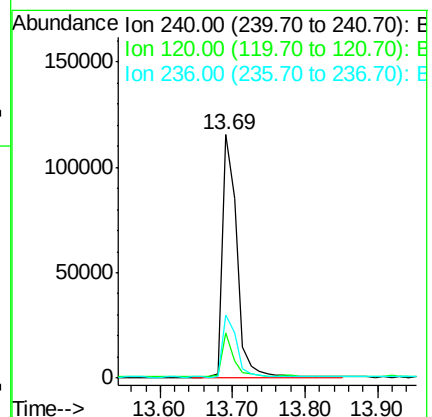
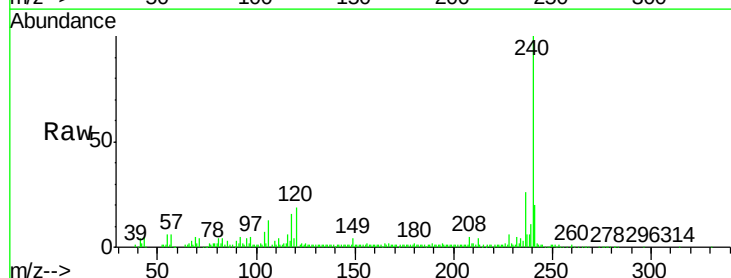
Tgt Ion:240 Resp: 163452

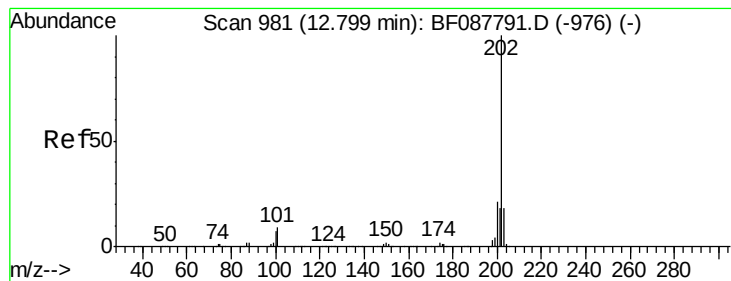
Ion Ratio Lower Upper

240 100

120 18.7 6.8 10.2#

236 26.1 20.2 30.2





#77

Pvrene

Concen: 3.31 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

Instrument :

BNA_F

ClientSampled :

Q8-B1(0-5)C

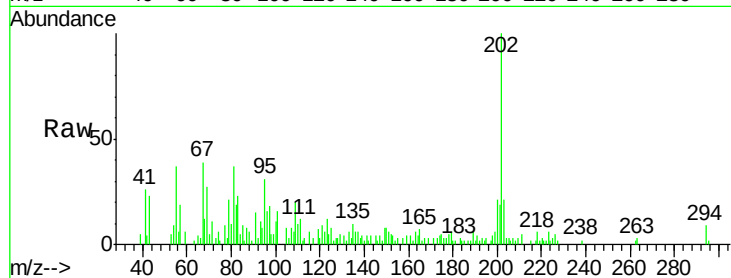
Tot Ion:202 Resp: 40169

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

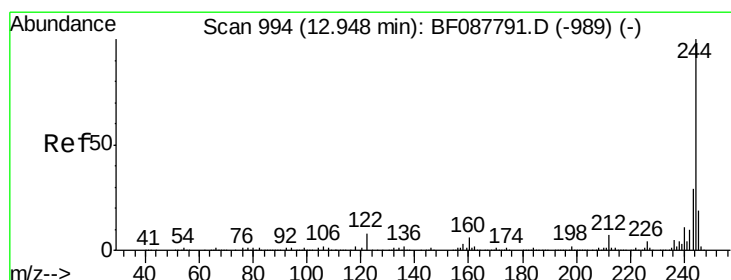
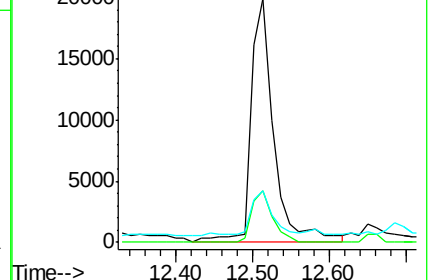
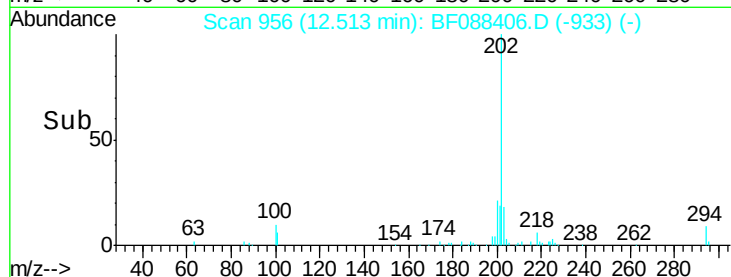
203 21.1 14.5 21.7



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: 54.91 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF088406.D

Acq: 26 Jun 2016 7:29

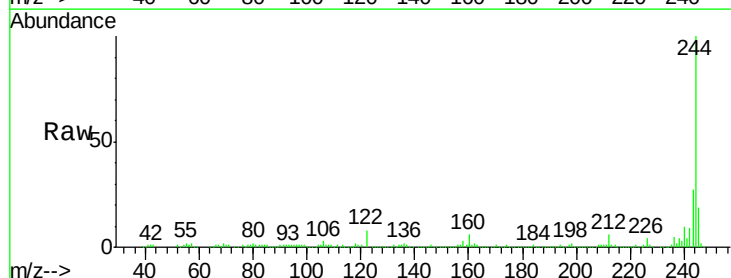
Tgt Ion:244 Resp: 394424

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

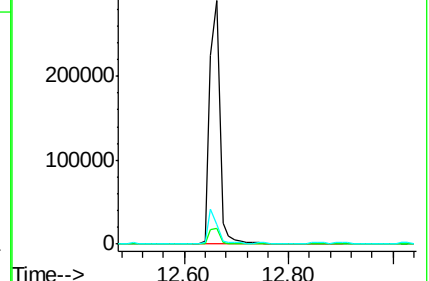
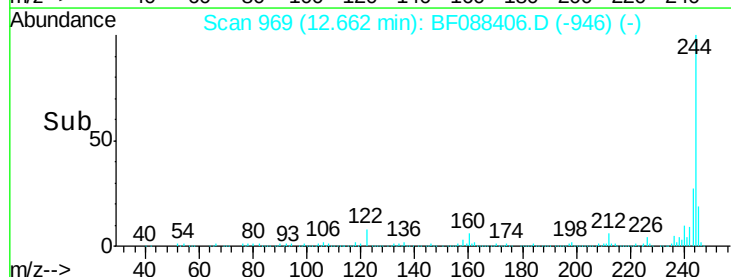
122 8.1 11.2 16.8#

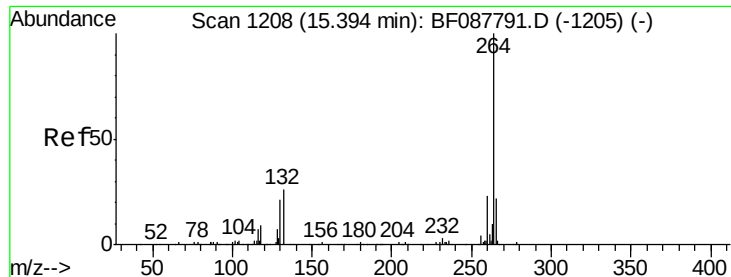


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088406.D
Acq: 26 Jun 2016 7:29

Instrument :
BNA_F
ClientSampleId :
Q8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	16.9	25.3

