

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088265.D
 Acq On : 22 Jun 2016 22:43
 Operator : UM/SJ
 Sample : H3660-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-6)

Quant Time: Jun 23 04:12:18 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

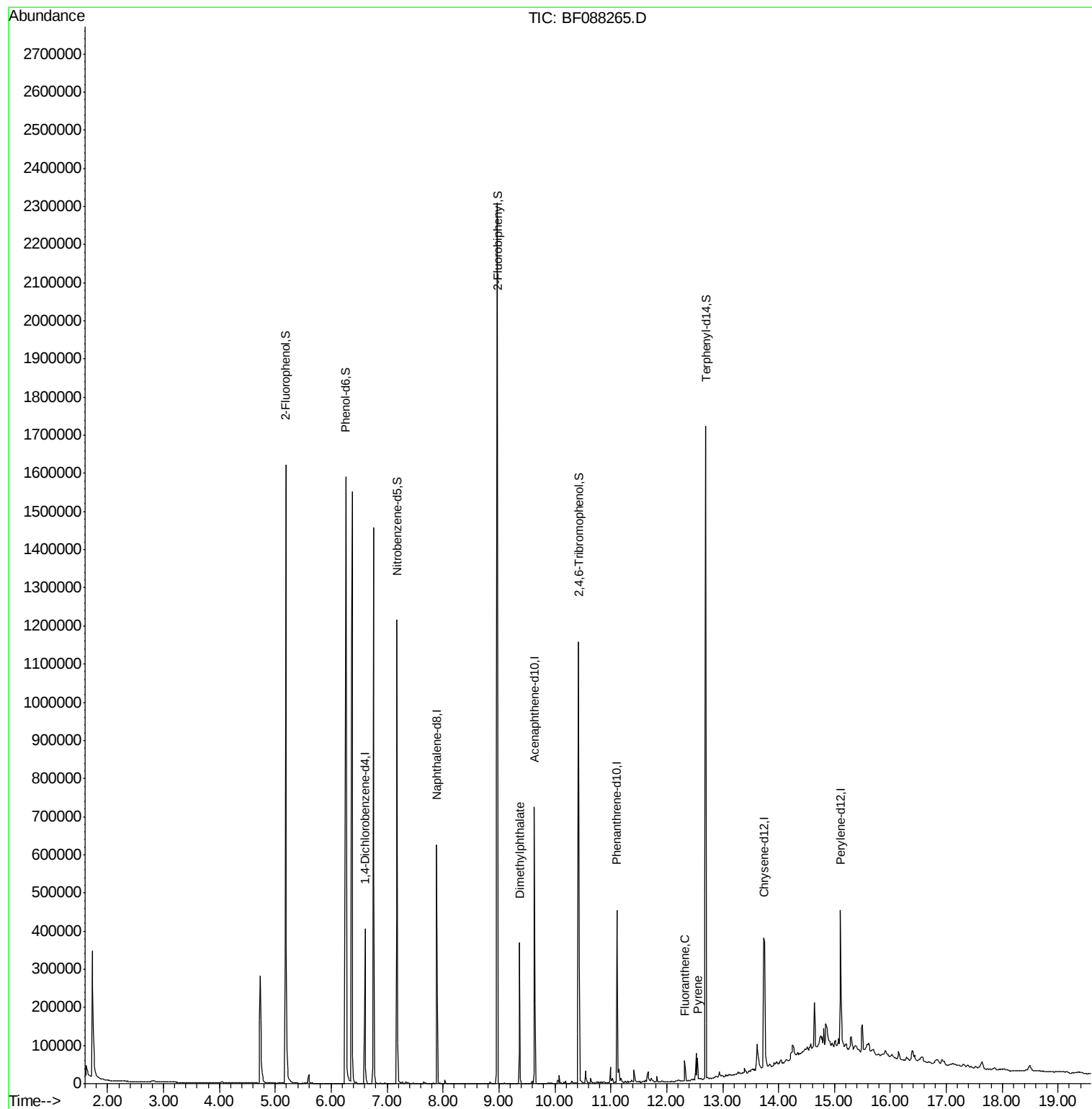
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	77243	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	318872	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	144392	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	235505	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	158390	20.00	ng	0.00
86) Perylene-d12	15.11	264	152506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	531237	117.57	ng	0.01
7) Phenol-d6	6.26	99	674101	123.10	ng	0.00
23) Nitrobenzene-d5	7.18	82	441184	80.79	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	139609	91.57	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	767374	83.38	ng	0.00
78) Terphenyl-d14	12.70	244	518048	74.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.37	163	161428	15.43	ng	99
74) Fluoranthene	12.32	202	27050	2.07	ng	94
77) Pyrene	12.55	202	24522	2.09	ng	99

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

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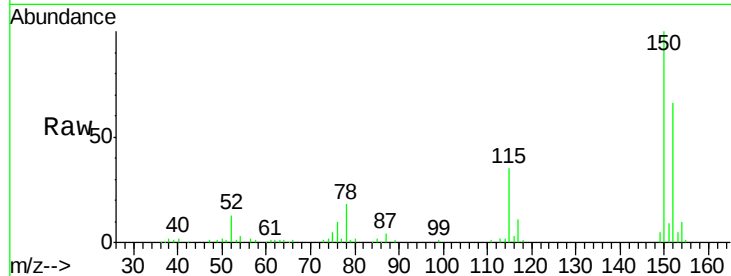


#1

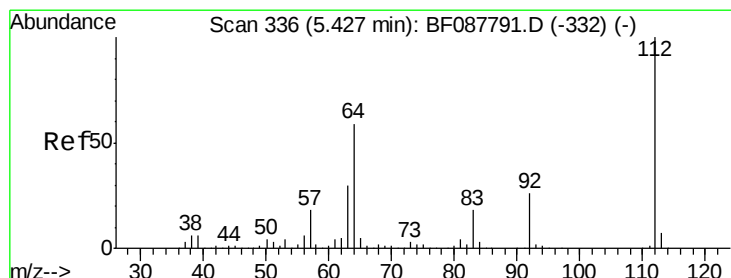
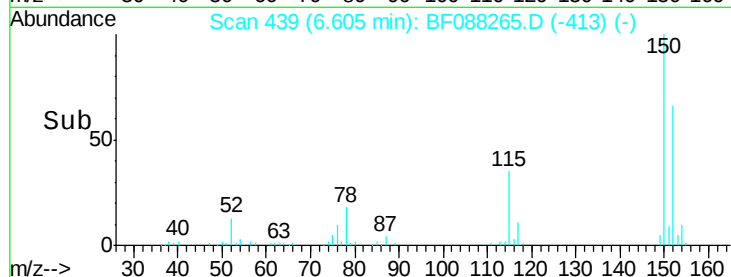
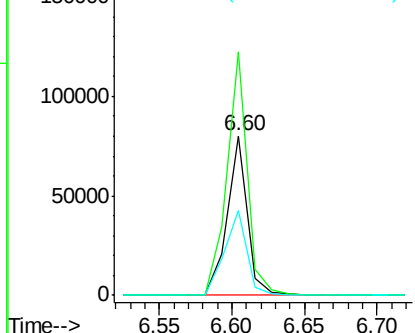
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :
SB-2(0-6)

Tot Ion:152 Resp: 77243
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 53.1 39.6 59.4



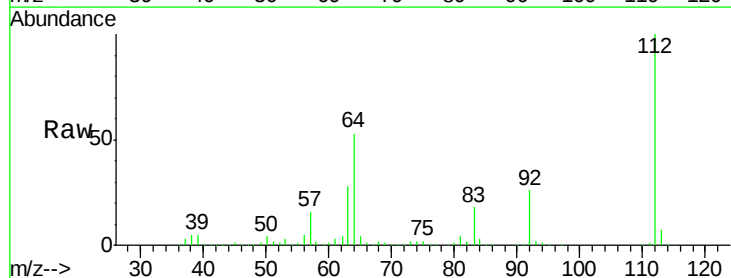
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



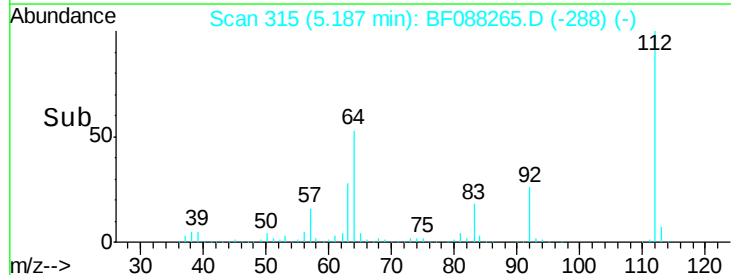
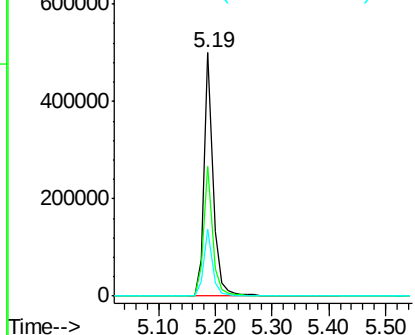
#5

2-Fluorophenol
Concen: 117.57 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:112 Resp: 531237
Ion Ratio Lower Upper
112 100
64 53.4 42.2 63.2
63 27.7 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: 123.10 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088265.D

Acq: 22 Jun 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-2(0-6)

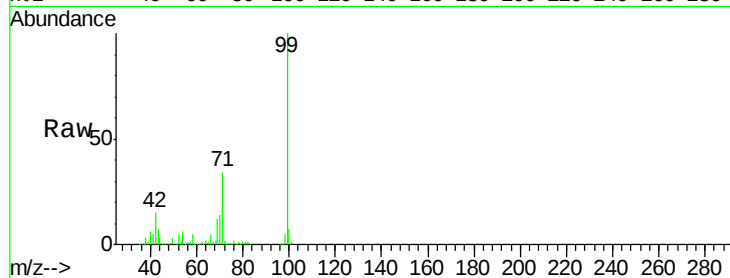
Tot Ion: 99 Resp: 674101

Ion Ratio Lower Upper

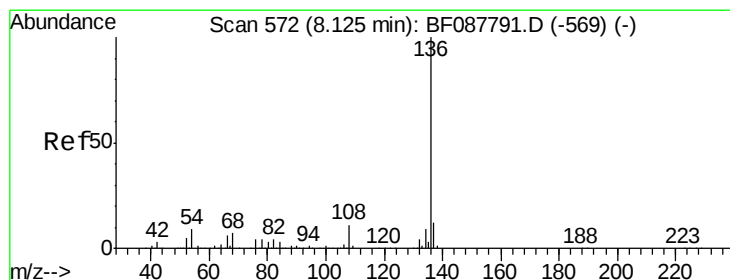
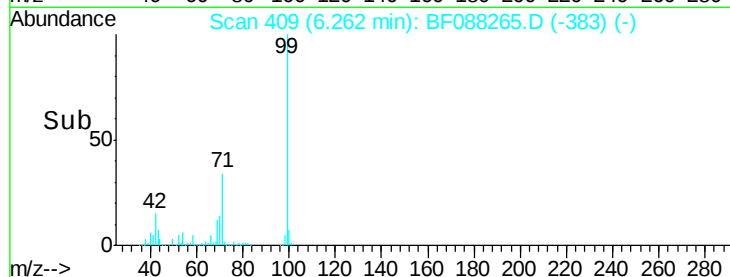
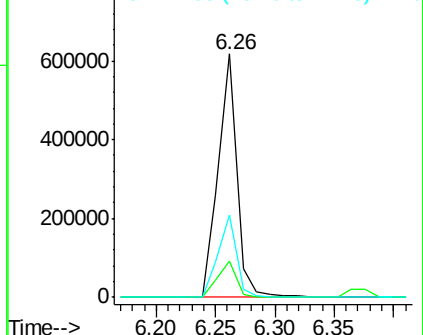
99 100

42 14.9 12.2 18.2

71 33.6 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: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088265.D

Acq: 22 Jun 2016 22:43

Tgt Ion: 136 Resp: 318872

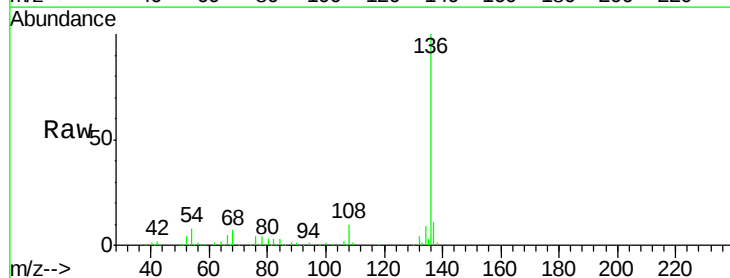
Ion Ratio Lower Upper

136 100

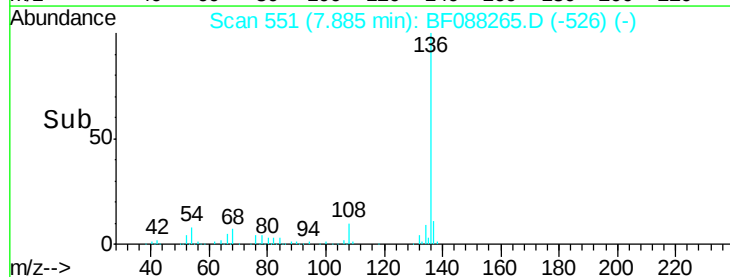
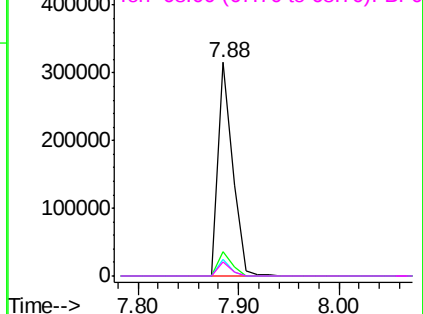
137 11.1 9.1 13.7

54 7.8 6.6 10.0

68 6.6 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

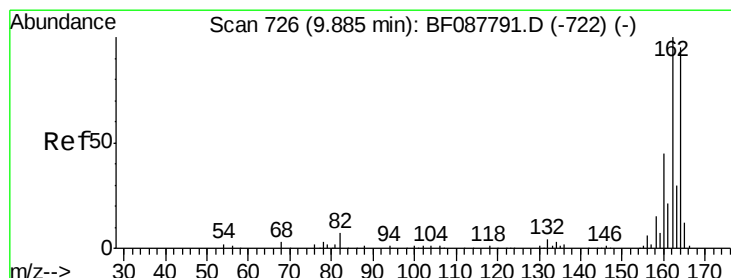
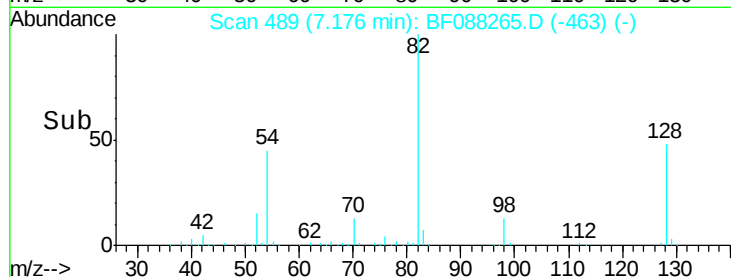
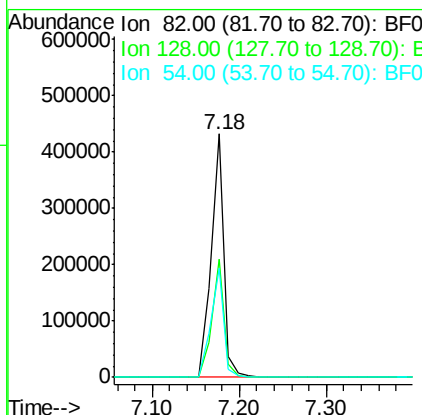
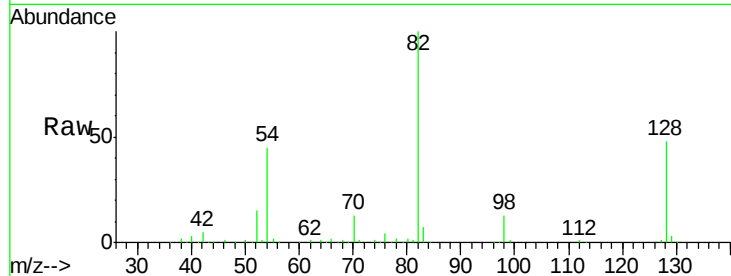




#23
Nitrobenzene-d5
Concen: 80.79 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

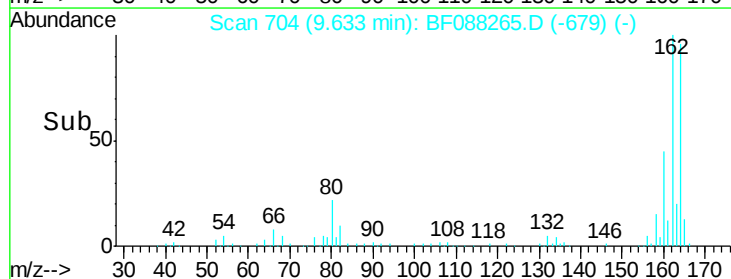
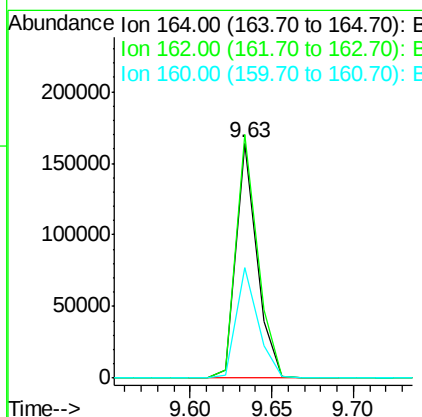
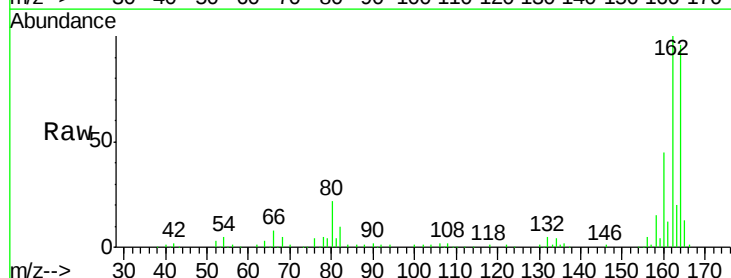
Instrument :
BNA_F
ClientSampleId :
SB-2(0-6)

Tot Ion: 82 Resp: 441184
Ion Ratio Lower Upper
82 100
128 48.5 35.9 53.9
54 45.0 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:164 Resp: 144392
Ion Ratio Lower Upper
164 100
162 103.6 85.4 128.2
160 46.9 39.5 59.3

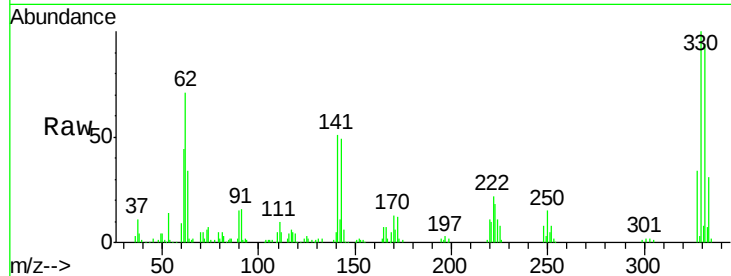




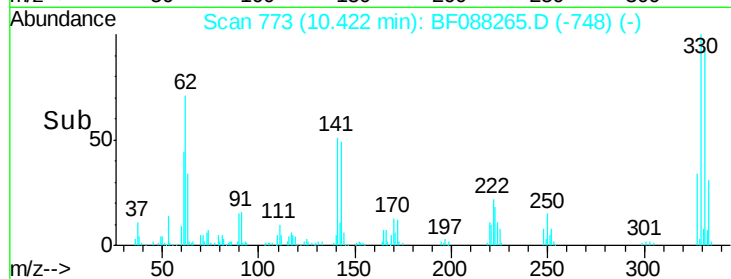
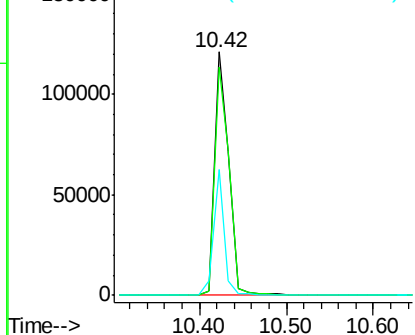
#41
 2,4,6-Tribromophenol
 Concen: 91.57 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088265.D
 Acq: 22 Jun 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-6)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.7	0.0	0.0#

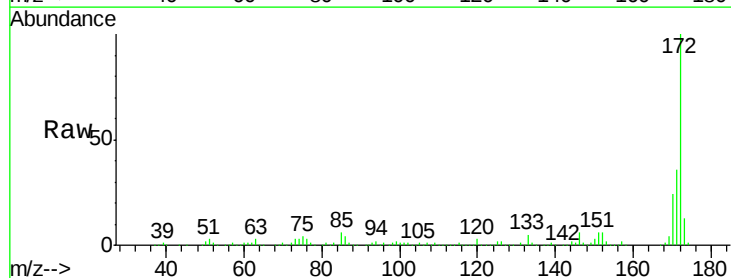


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

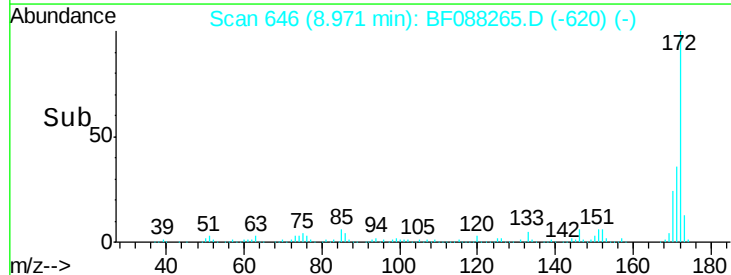
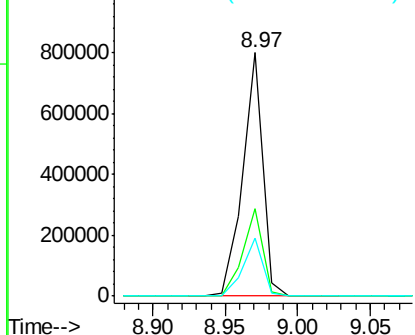


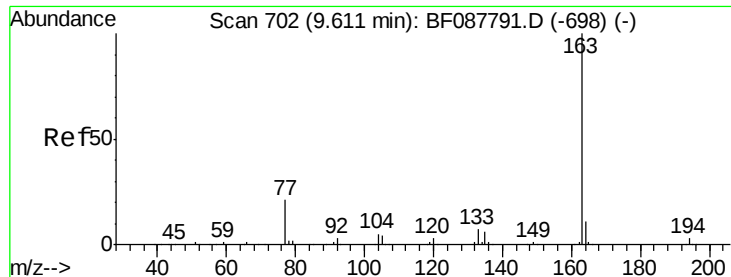
#44
 2-Fluorobiphenyl
 Concen: 83.38 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088265.D
 Acq: 22 Jun 2016 22:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	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





#49

Dimethylphthalate

Concen: 15.43 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088265.D

Acq: 22 Jun 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-2(0-6)

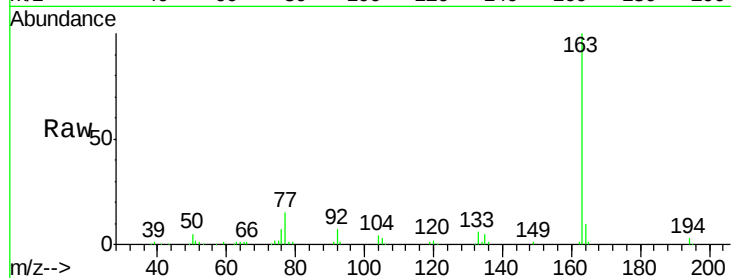
Tot Ion:163 Resp: 161428

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

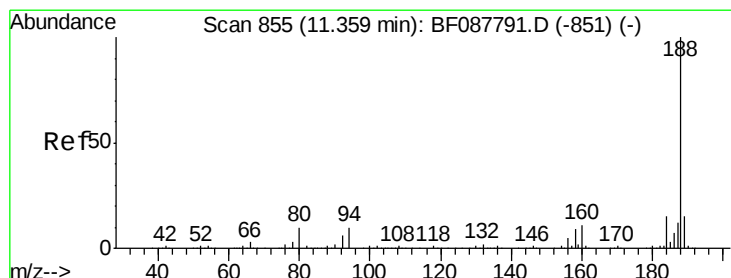
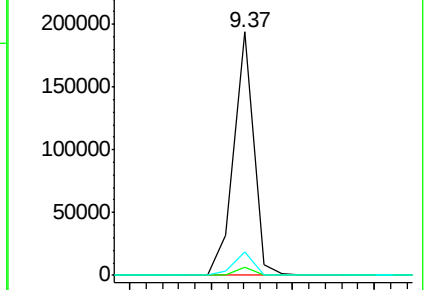
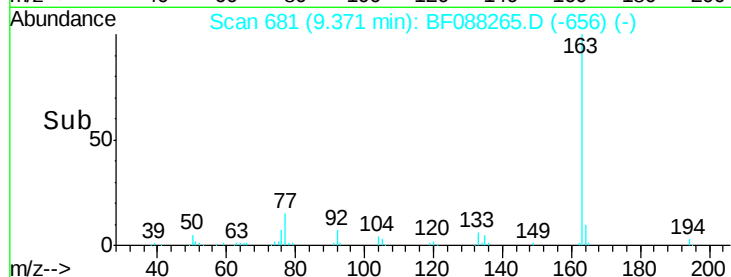
164 9.8 8.3 12.5



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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF088265.D

Acq: 22 Jun 2016 22:43

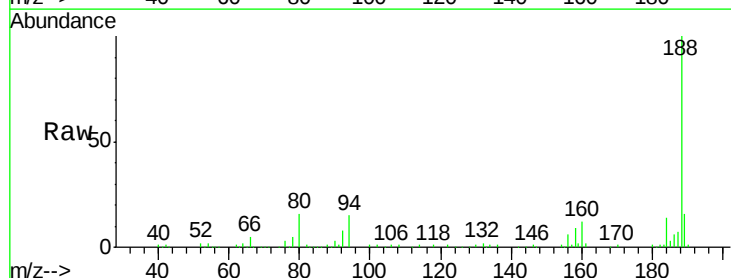
Tgt Ion:188 Resp: 235505

Ion Ratio Lower Upper

188 100

94 14.8 9.0 13.6#

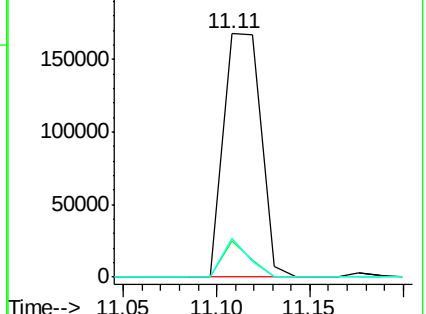
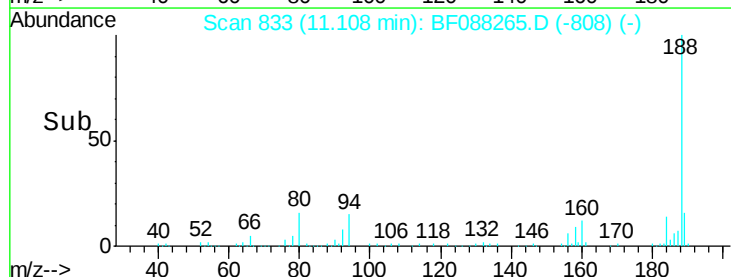
80 16.2 10.0 15.0#

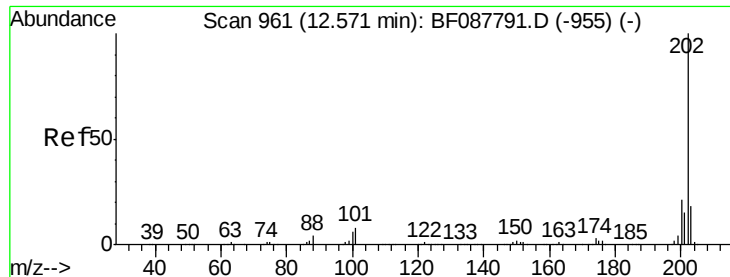


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

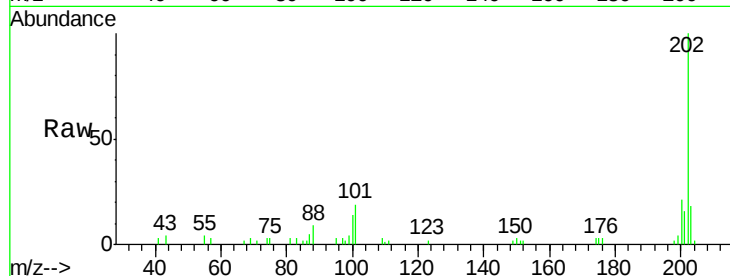




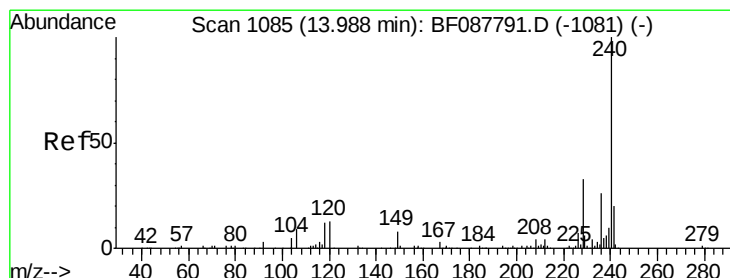
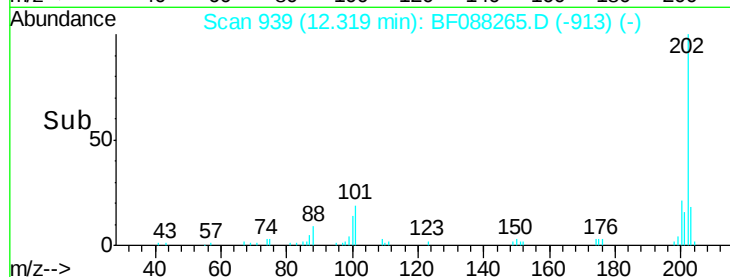
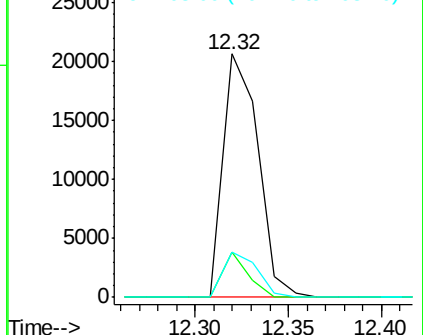
#74
Fluoranthene
Concen: 2.07 ng
RT: 12.32 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :
SB-2(0-6)

Tot Ion:202 Resp: 27050
Ion Ratio Lower Upper
202 100
101 18.7 0.0 33.1
203 18.4 0.0 38.1

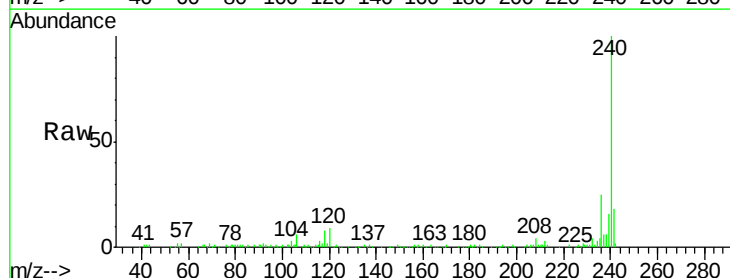


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

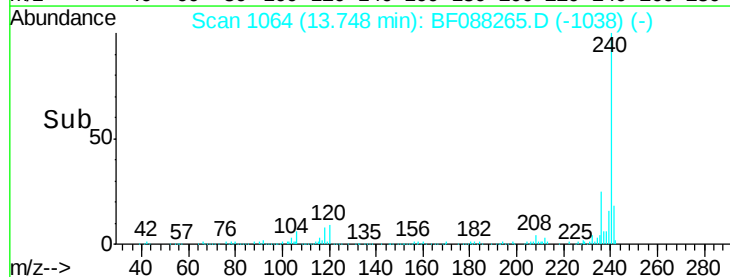
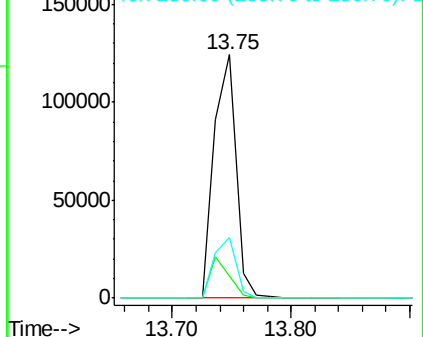


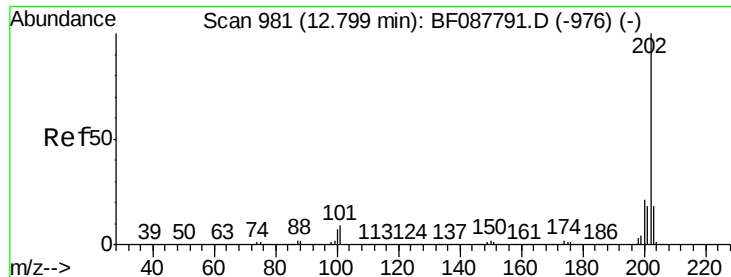
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Tgt Ion:240 Resp: 158390
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 24.8 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: 2.09 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF088265.D

Acq: 22 Jun 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-2(0-6)

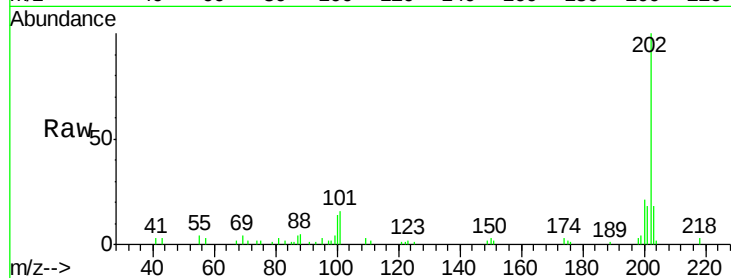
Tot Ion:202 Resp: 24522

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

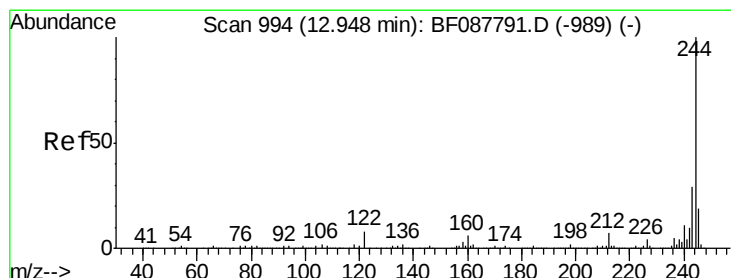
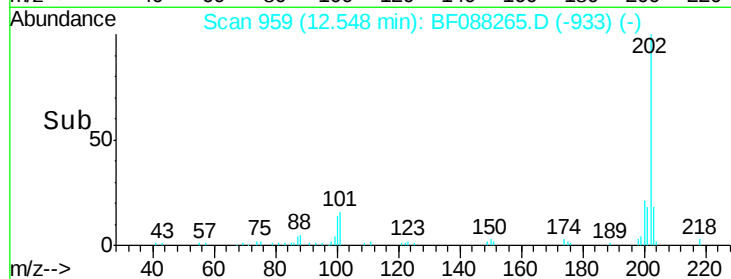
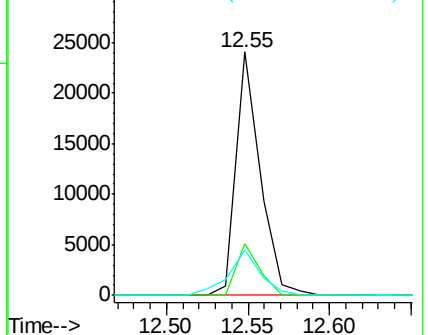
203 18.4 14.5 21.7



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: 74.43 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088265.D

Acq: 22 Jun 2016 22:43

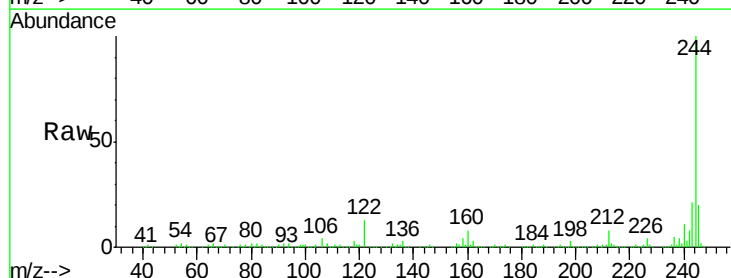
Tgt Ion:244 Resp: 518048

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

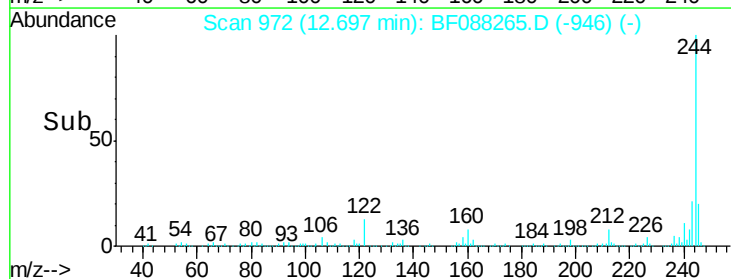
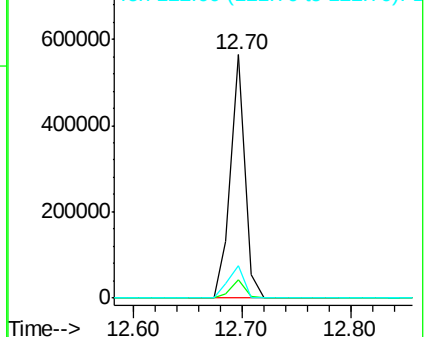
122 13.1 11.2 16.8

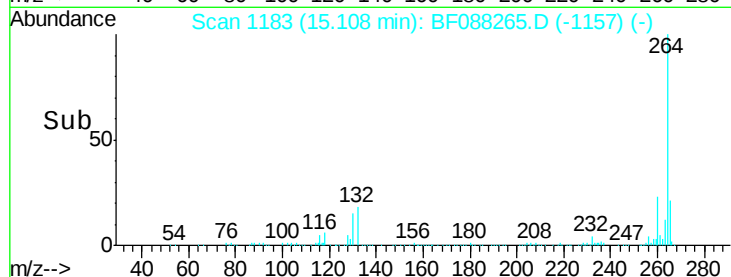
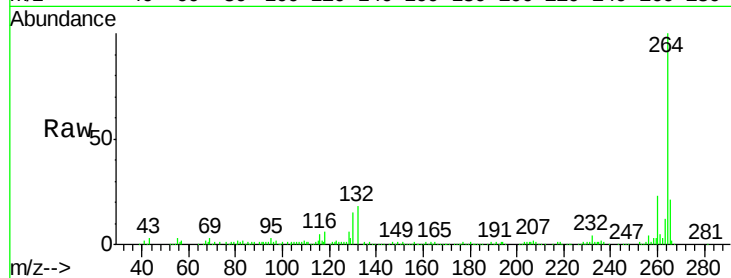
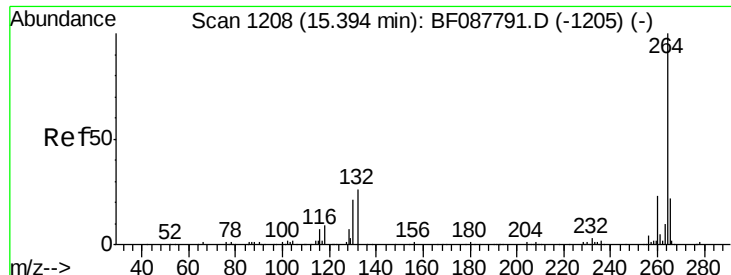


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088265.D
Acq: 22 Jun 2016 22:43

Instrument :
BNA_F
ClientSampleId :
SB-2(0-6)

Tot Ion:264	Resp:	152506
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.2 28.8
265	21.2	16.9 25.3

