

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088662.D
 Acq On : 3 Jul 2016 22:21
 Operator : UM/SJ
 Sample : H3817-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-2A-2-8FT

Quant Time: Jul 04 06:38:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

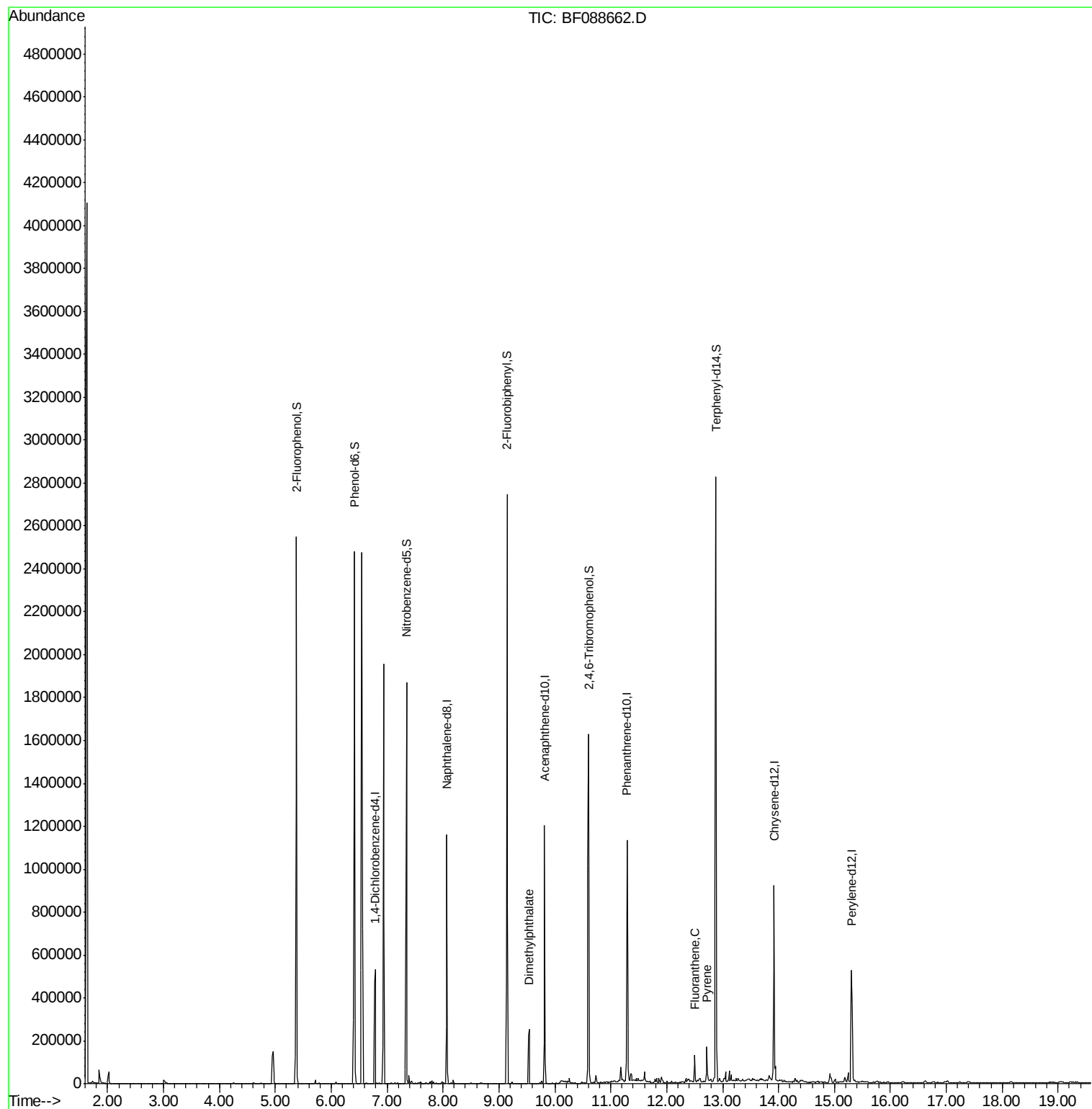
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115409	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	483652	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	213806	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	383586	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	328992	20.00	ng	-0.03
86) Perylene-d12	15.30	264	252463	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	786321	102.11	ng	-0.02
7) Phenol-d6	6.42	99	1114153	111.97	ng	-0.02
23) Nitrobenzene-d5	7.35	82	685947	74.32	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	232758	117.23	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	923114	68.20	ng	-0.03
78) Terphenyl-d14	12.88	244	819310	55.47	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	155755	10.23	ng	97
74) Fluoranthene	12.50	202	63657	2.99	ng	93
77) Pyrene	12.72	202	62128	2.23	ng	98

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

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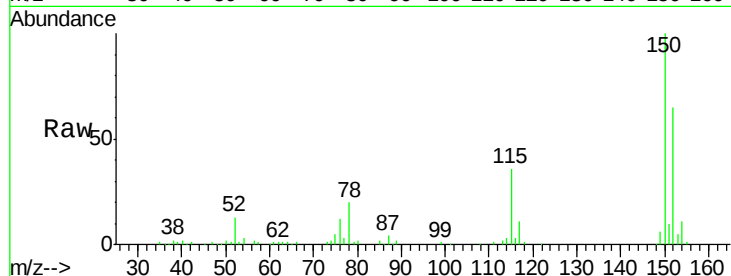


#1

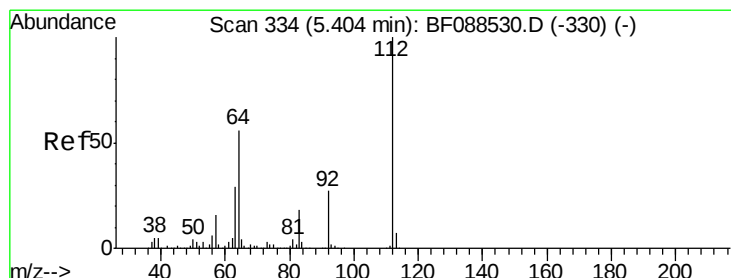
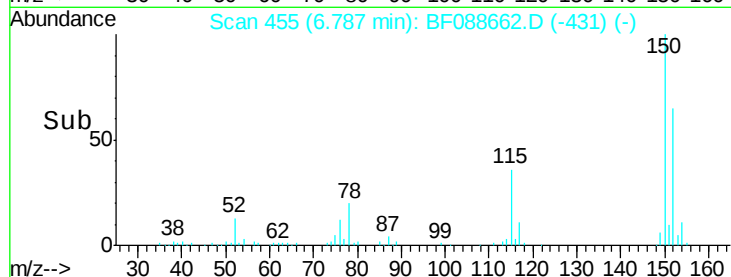
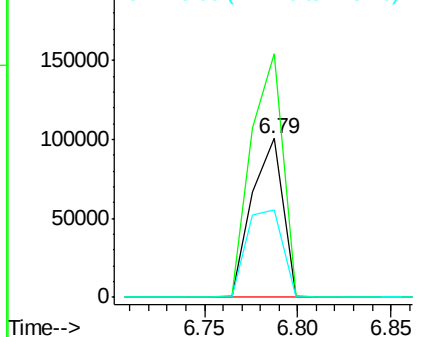
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Instrument :
BNA_F
ClientSampleId :
BS-2A-2-8FT

Tot Ion:152 Resp: 115409
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 55.2 39.6 59.4



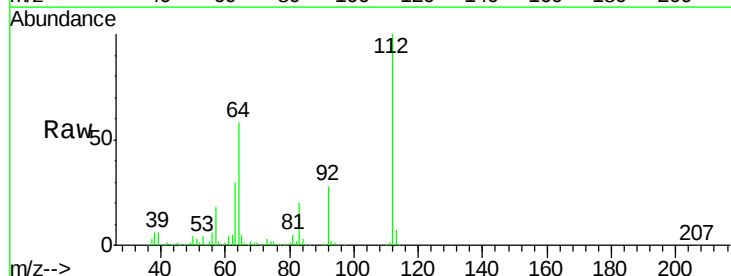
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



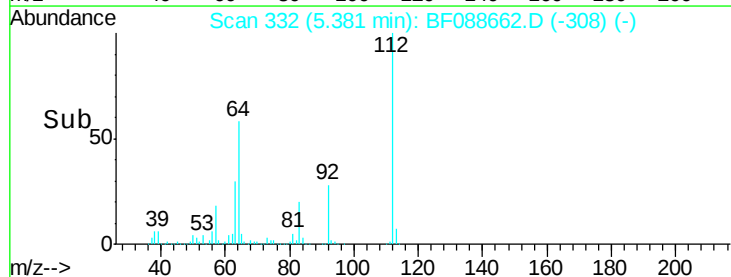
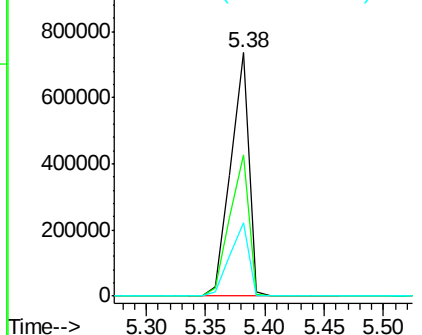
#5

2-Fluorophenol
Concen: 102.11 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Tgt Ion:112 Resp: 786321
Ion Ratio Lower Upper
112 100
64 58.2 42.2 63.2
63 30.4 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: 111.97 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088662.D

Acq: 3 Jul 2016 22:21

Instrument :

BNA_F

ClientSampleId :

BS-2A-2-8FT

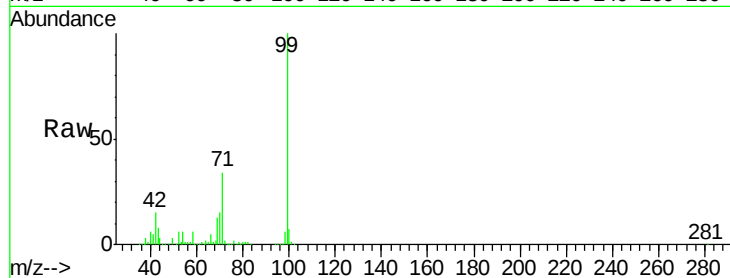
Tot Ion: 99 Resp: 1114153

Ion Ratio Lower Upper

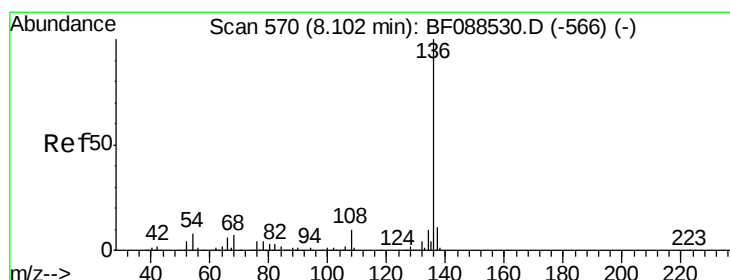
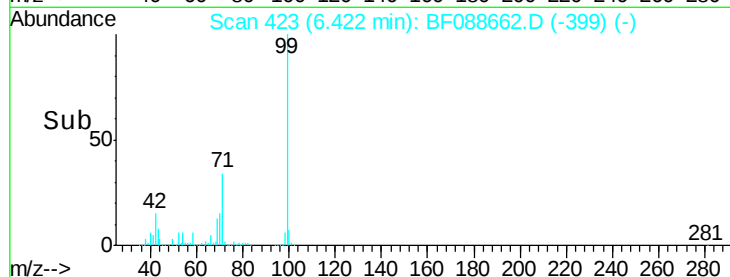
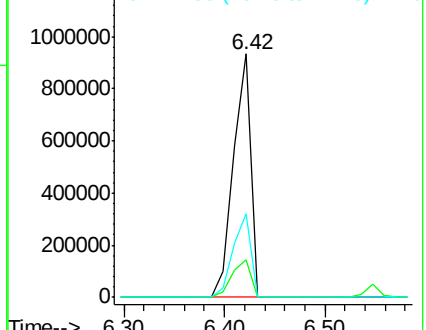
99 100

42 15.3 12.2 18.2

71 34.1 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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088662.D

Acq: 3 Jul 2016 22:21

Tgt Ion: 136 Resp: 483652

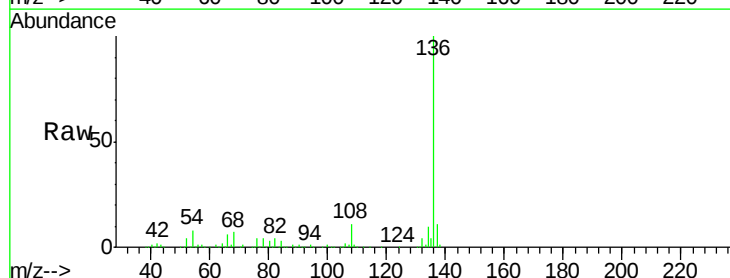
Ion Ratio Lower Upper

136 100

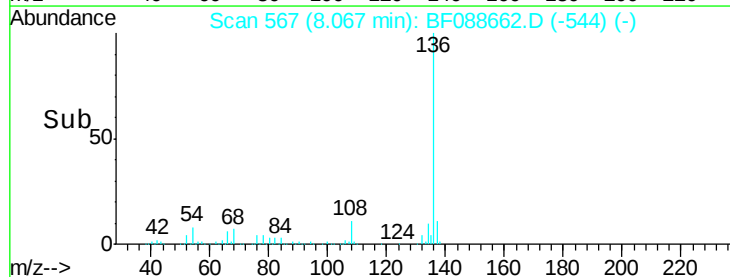
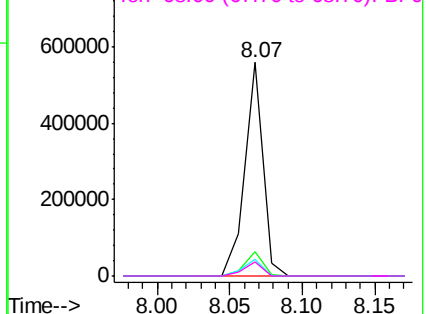
137 11.2 9.1 13.7

54 7.8 6.6 10.0

68 6.7 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

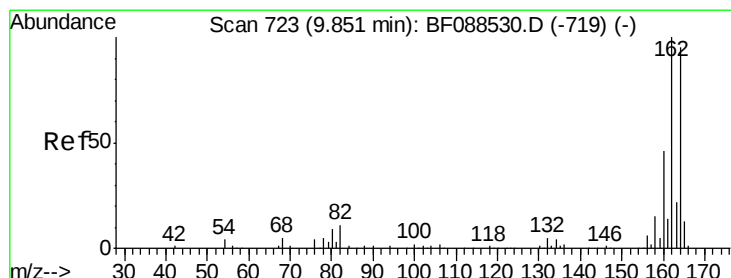
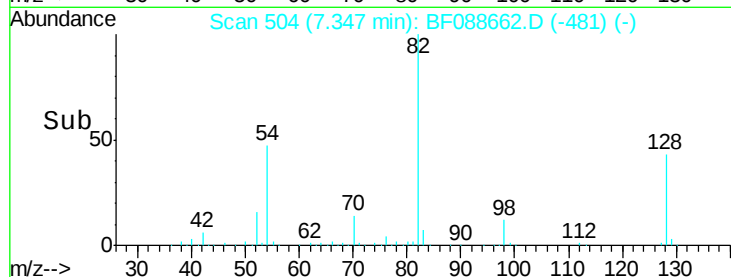
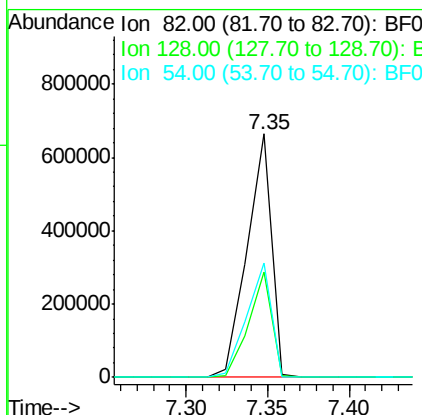
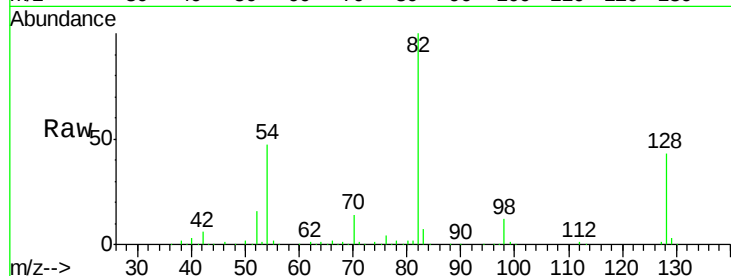




#23
 Nitrobenzene-d5
 Concen: 74.32 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088662.D
 Acq: 3 Jul 2016 22:21

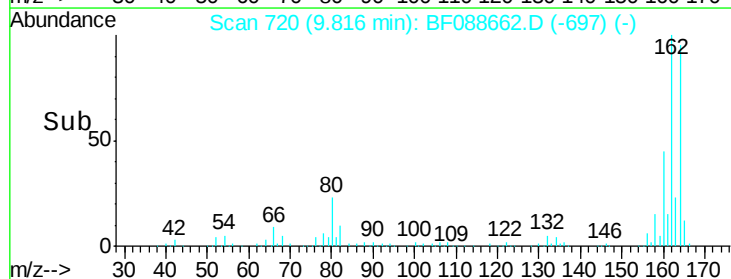
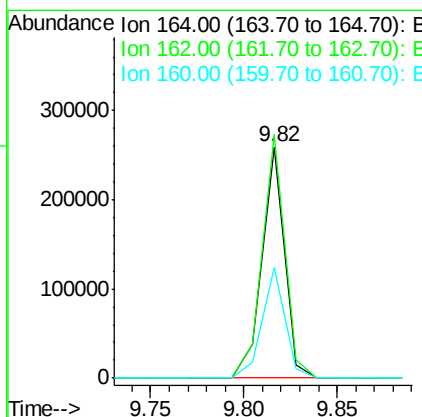
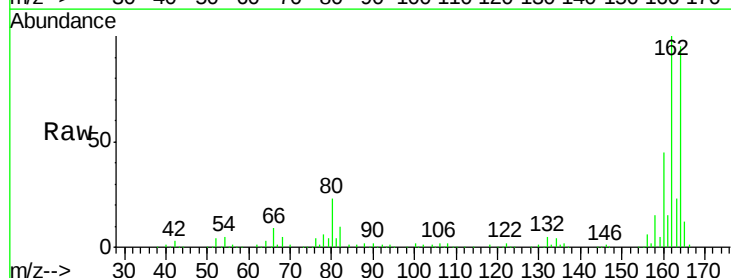
Instrument :
 BNA_F
 ClientSampleId :
 BS-2A-2-8FT

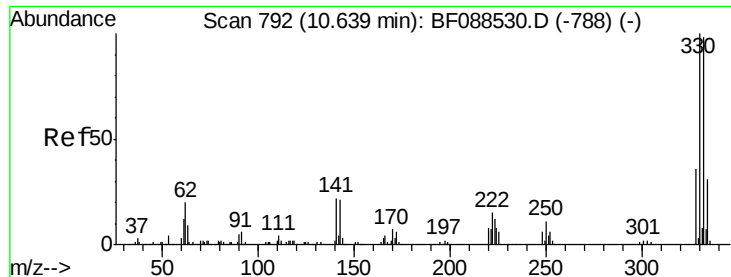
Tot Ion	82	Resp	685947
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.9	53.9
54	46.9	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088662.D
 Acq: 3 Jul 2016 22:21

Tgt Ion	164	Resp	213806
Ion Ratio	Lower	Upper	
164	100		
162	105.5	85.4	128.2
160	47.8	39.5	59.3

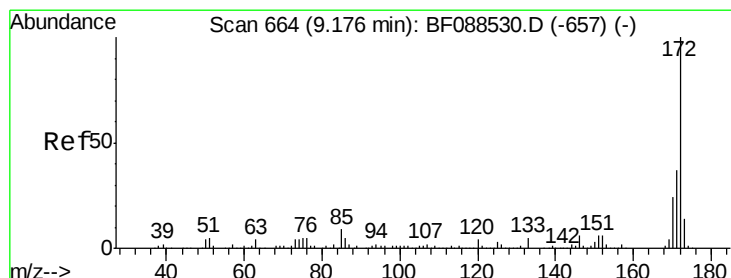
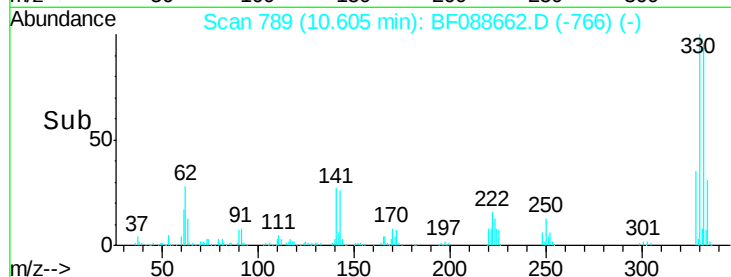
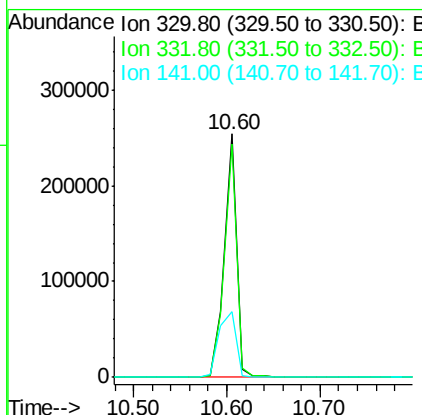
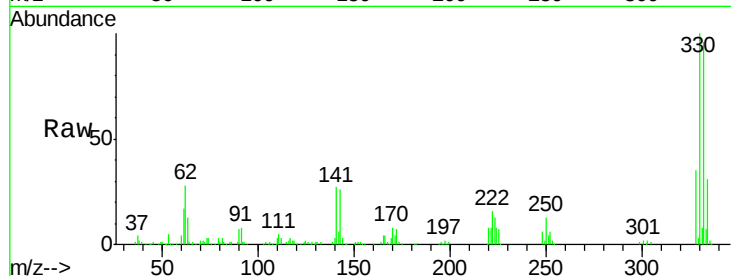




#41
 2,4,6-Tribromophenol
 Concen: 117.23 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088662.D
 Acq: 3 Jul 2016 22:21

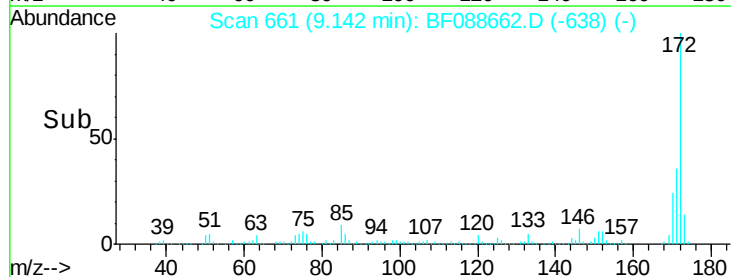
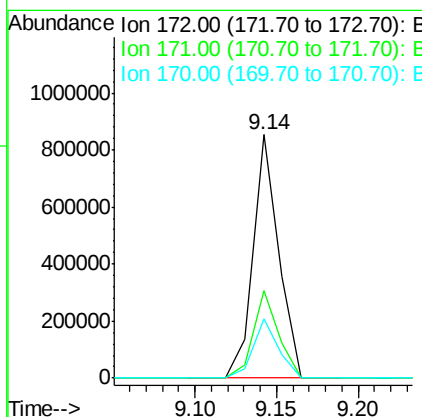
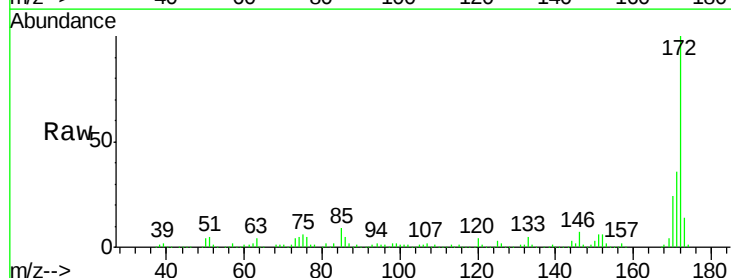
Instrument :
 BNA_F
 ClientSampleId :
 BS-2A-2-8FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 68.20 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088662.D
 Acq: 3 Jul 2016 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8

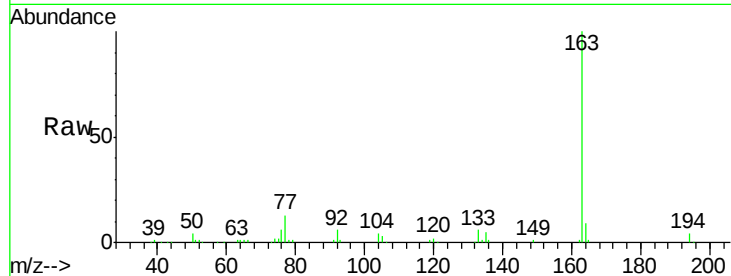




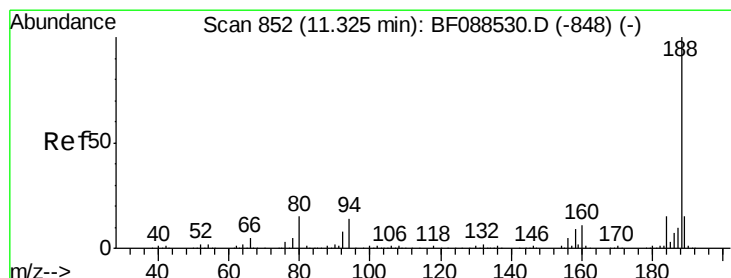
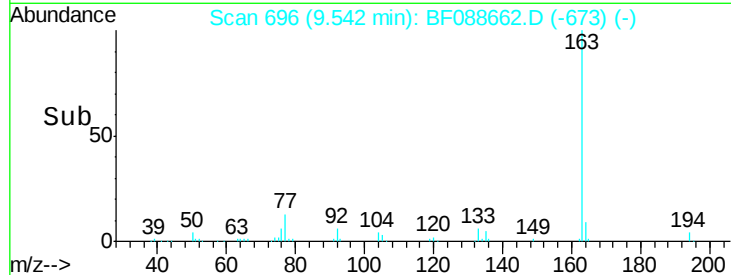
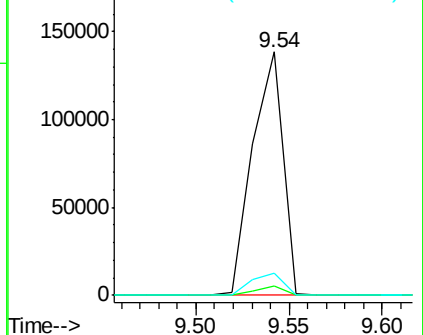
#49
Dimethylphthalate
Concen: 10.23 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Instrument :
BNA_F
ClientSampleId :
BS-2A-2-8FT

Tot Ion:163 Resp: 155755
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.2 8.3 12.5

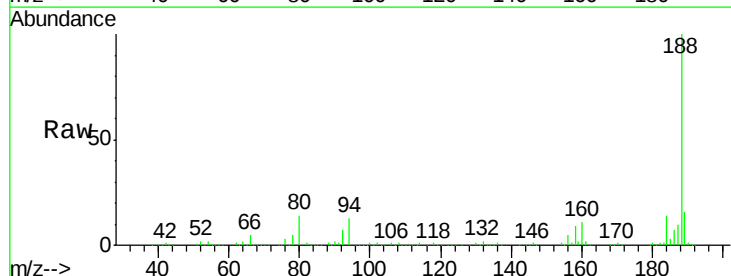


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

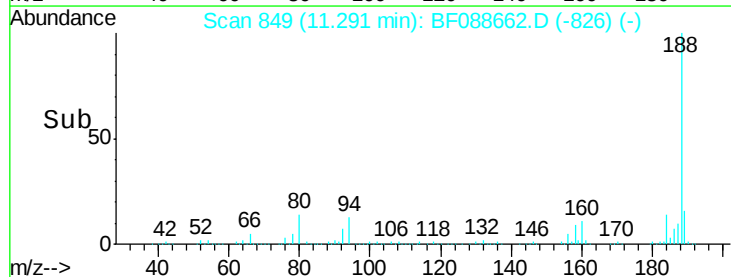
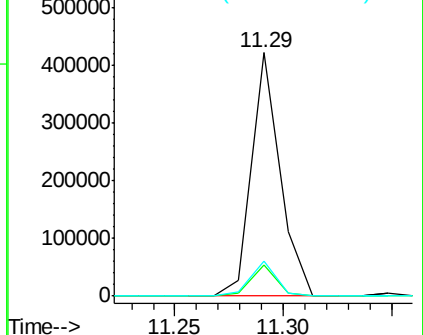


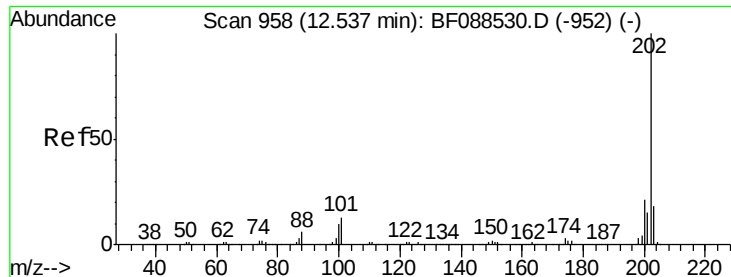
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Tgt Ion:188 Resp: 383586
Ion Ratio Lower Upper
188 100
94 12.6 9.0 13.6
80 14.4 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

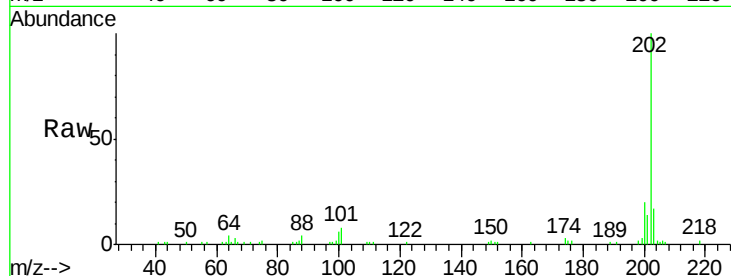




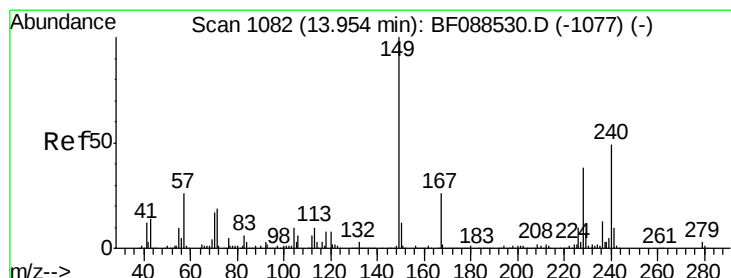
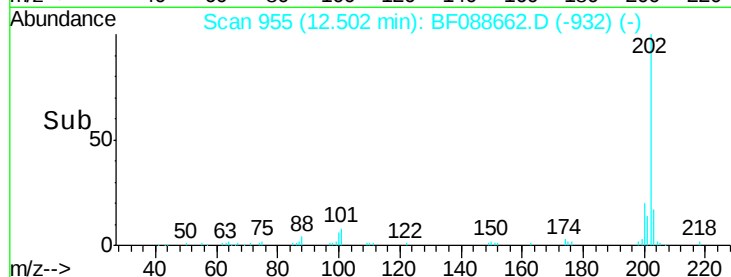
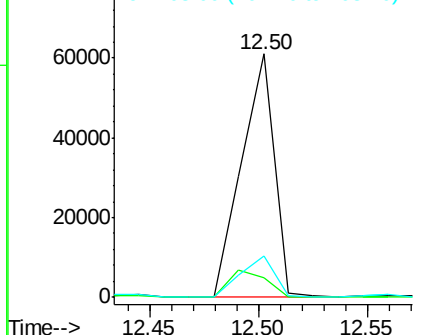
#74
Fluoranthene
Concen: 2.99 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Instrument :
BNA_F
ClientSampleId :
BS-2A-2-8FT

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	33.1
203	17.1	0.0	38.1

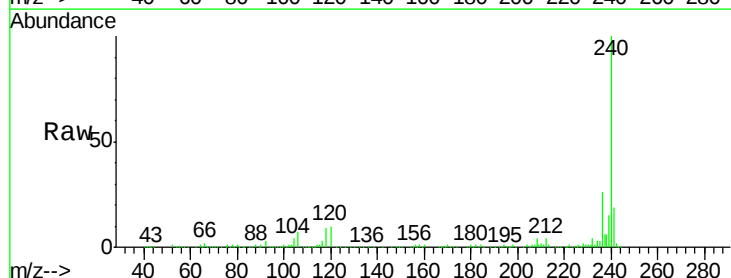


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

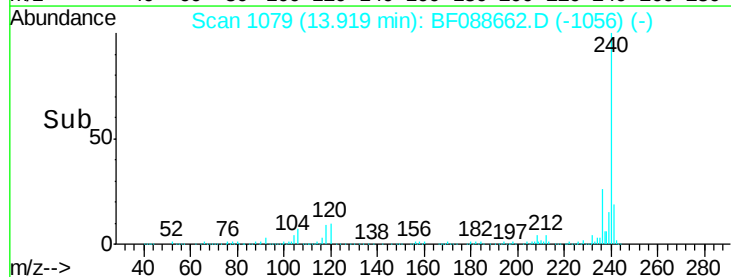
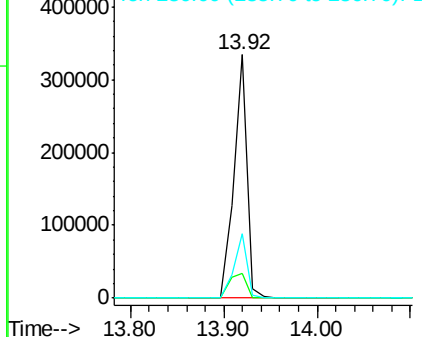


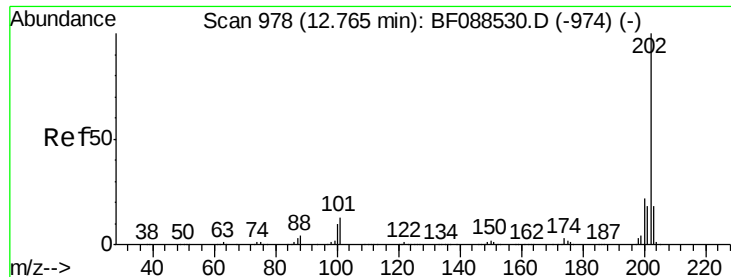
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	6.8	10.2
236	26.2	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: 2.23 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.05 min

Lab File: BF088662.D

Acq: 3 Jul 2016 22:21

Instrument :

BNA_F

ClientSampleId :

BS-2A-2-8FT

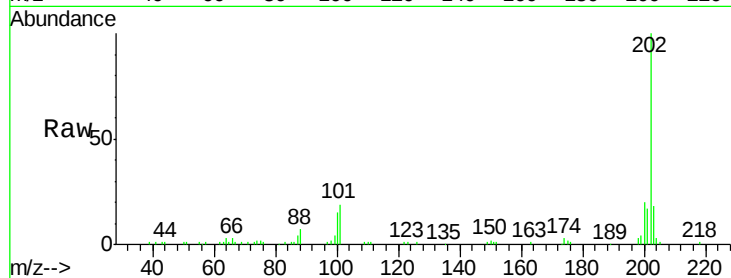
Tot Ion:202 Resp: 62128

Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

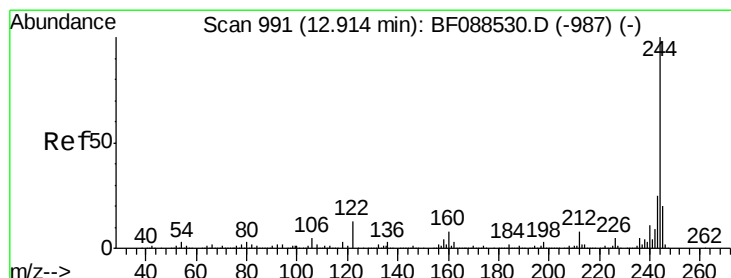
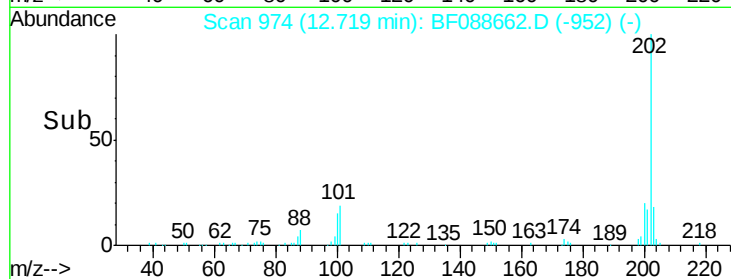
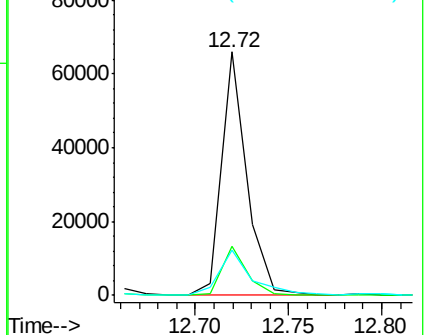
203 18.5 14.5 21.7



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: 55.47 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088662.D

Acq: 3 Jul 2016 22:21

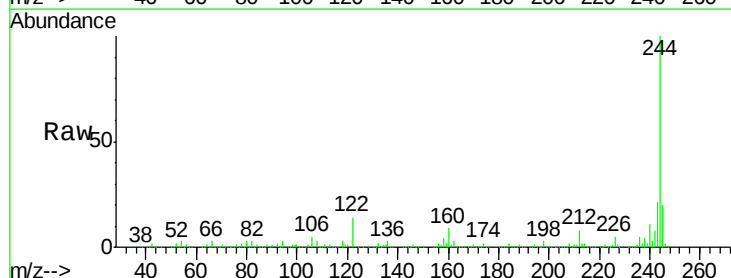
Tgt Ion:244 Resp: 819310

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

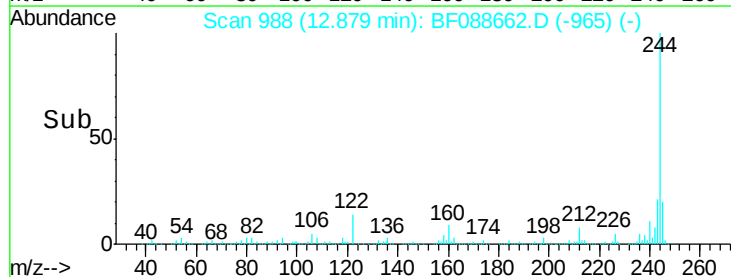
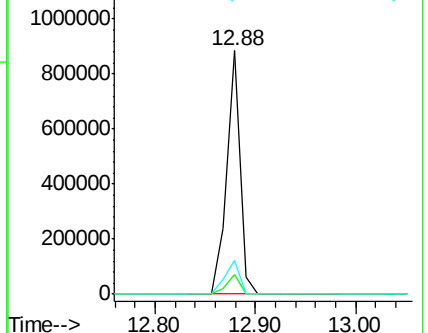
122 13.8 11.2 16.8

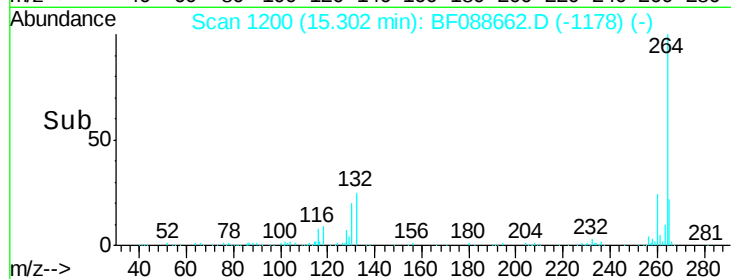
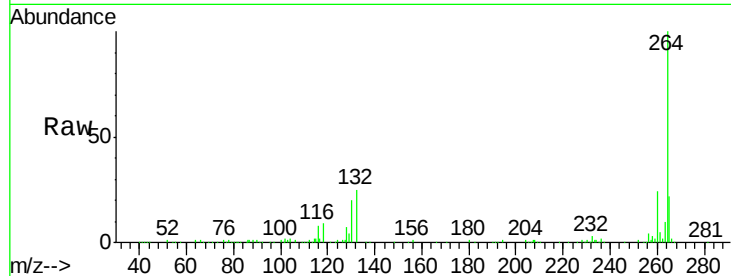
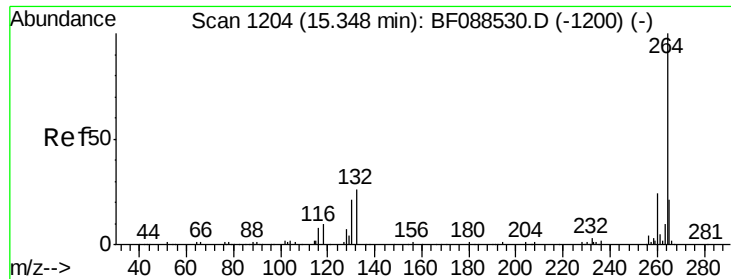


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF088662.D
Acq: 3 Jul 2016 22:21

Instrument :
BNA_F
ClientSampleId :
BS-2A-2-8FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	16.9	25.3

