

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087350.D
 Acq On : 24 May 2016 22:01
 Operator : UM/SJ
 Sample : H3236-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHUBEMILEPOST-1-10

Quant Time: May 25 01:10:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

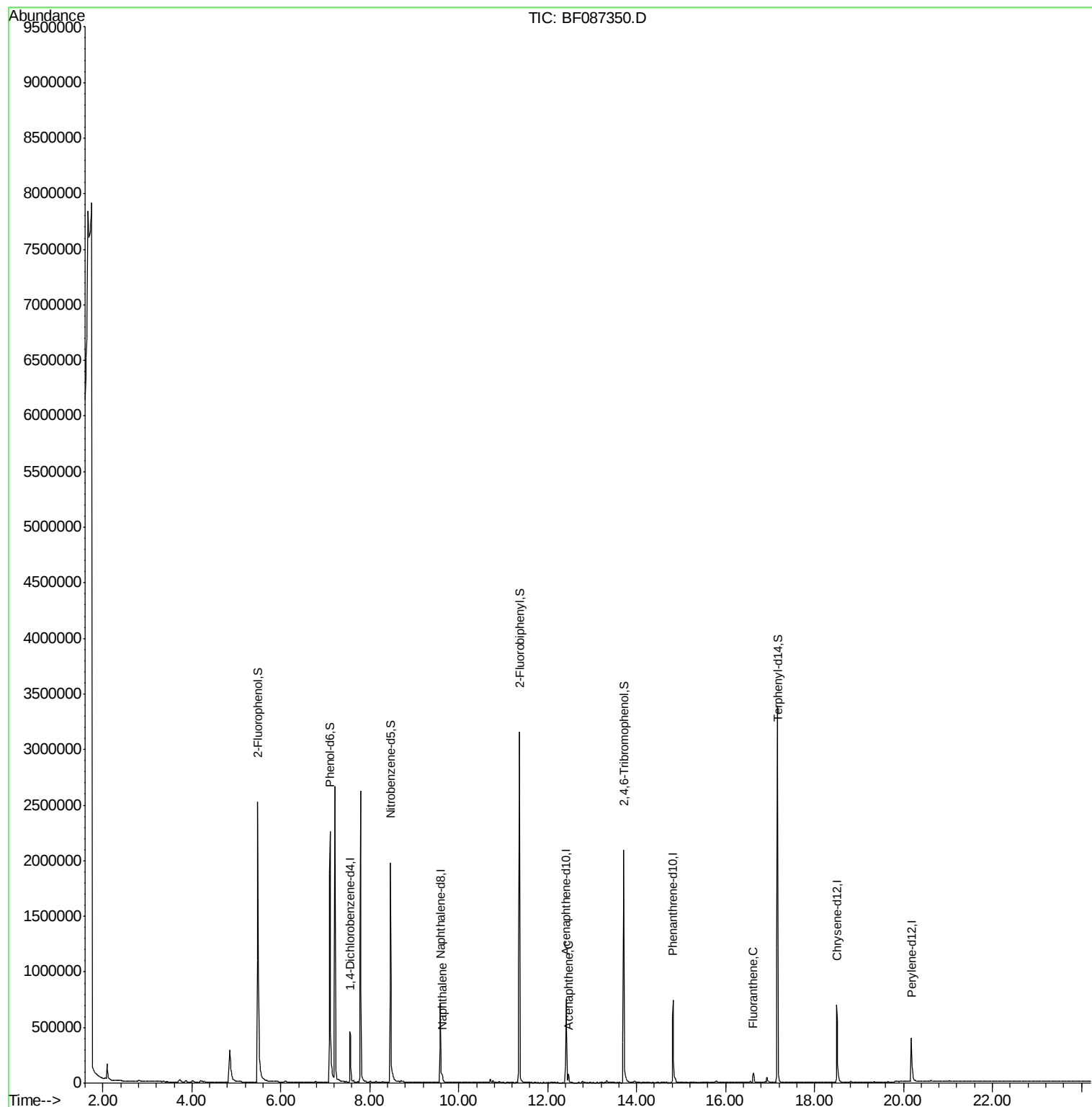
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	109524	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	445861	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	215155	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	441711	20.00	ng	0.00
75) Chrysene-d12	18.50	240	377828	20.00	ng	-0.01
86) Perylene-d12	20.18	264	265498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	949638	152.36	ng	0.02
7) Phenol-d6	7.11	99	1196793	142.10	ng	0.00
23) Nitrobenzene-d5	8.47	82	910906	102.97	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	346522	167.60	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1583379	103.75	ng	-0.01
78) Terphenyl-d14	17.18	244	1668042	93.86	ng	0.00
Target Compounds						
31) Naphthalene	9.62	128	48687	2.18	ng	97
51) Acenaphthene	12.47	154	30596	2.27	ng	98
74) Fluoranthene	16.63	202	59813	2.44	ng	93

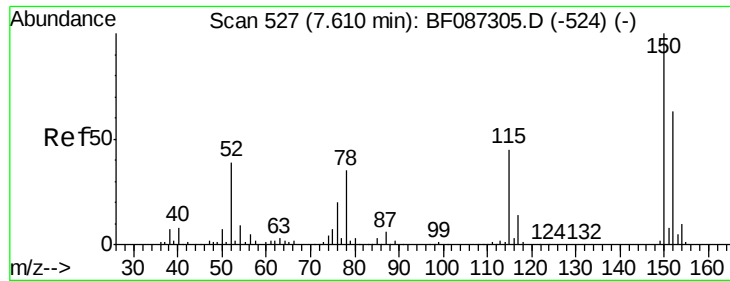
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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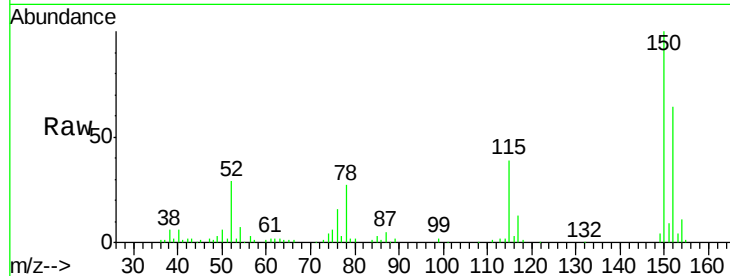


#1

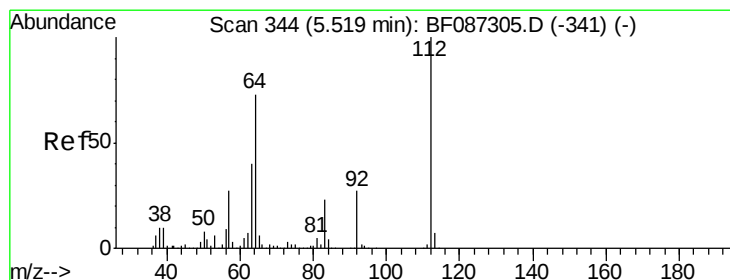
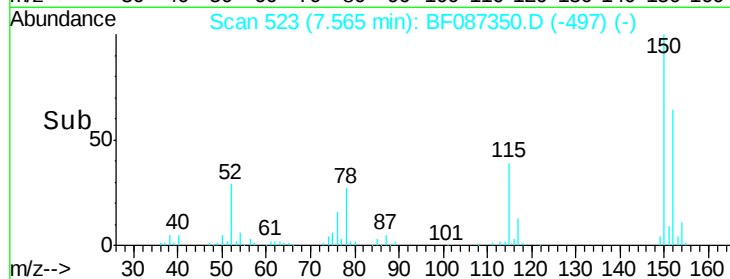
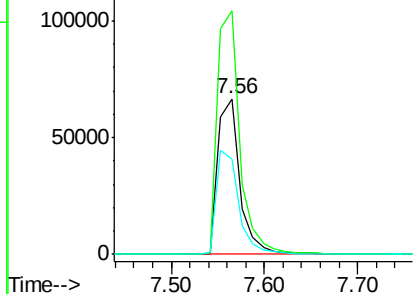
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHUBEMILEPOST-1-10

Tot Ion:152 Resp: 109524
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 61.4 51.5 77.3



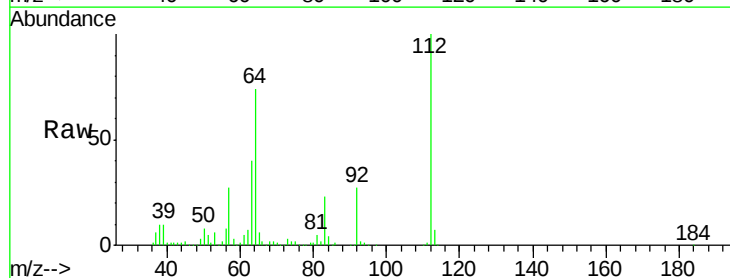
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



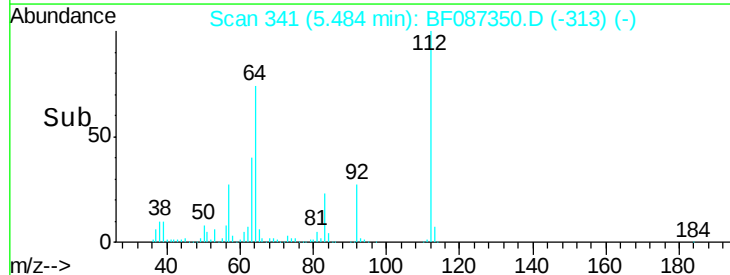
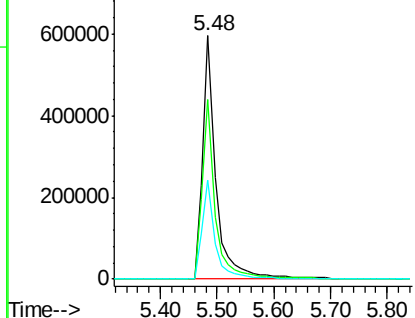
#5

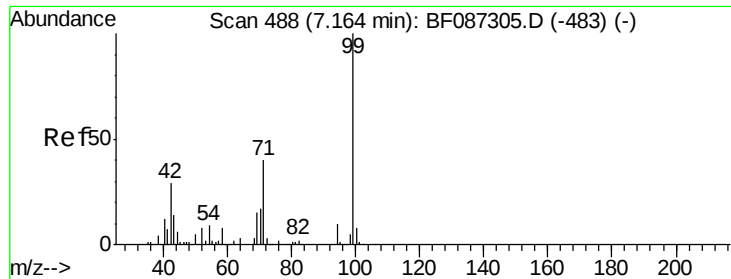
2-Fluorophenol
Concen: 152.36 ng
RT: 5.48 min Scan# 341
Delta R.T. 0.02 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:112 Resp: 949638
Ion Ratio Lower Upper
112 100
64 73.6 52.1 78.1
63 40.4 25.7 38.5#



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: 142.10 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087350.D

Acq: 24 May 2016 22:01

Instrument :

BNA_F

ClientSampleId :

SOUTHTUBEMILEPOST-1-10

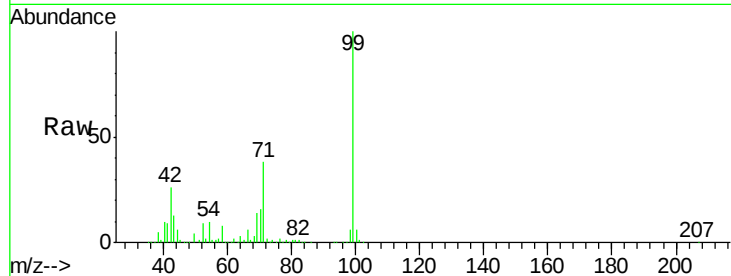
Tot Ion: 99 Resp: 1196793

Ion Ratio Lower Upper

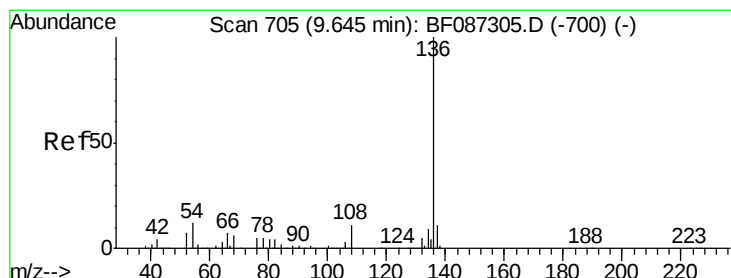
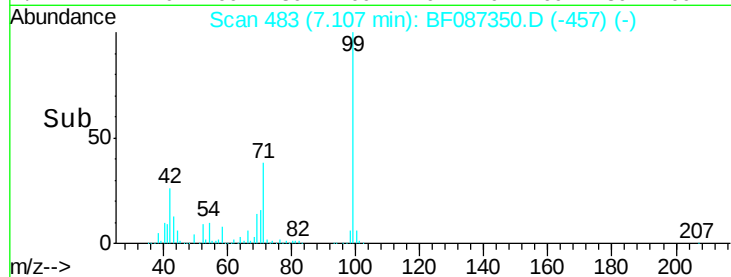
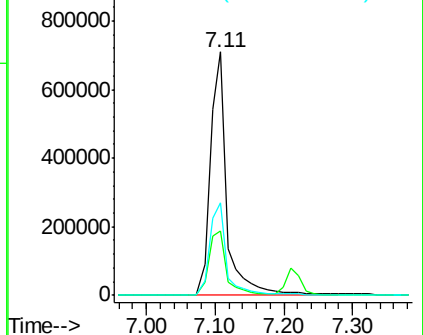
99 100

42 26.3 13.6 20.4#

71 38.1 24.6 36.8#



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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087350.D

Acq: 24 May 2016 22:01

Tgt Ion: 136 Resp: 445861

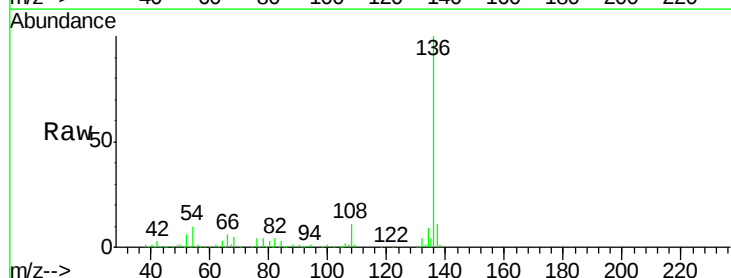
Ion Ratio Lower Upper

136 100

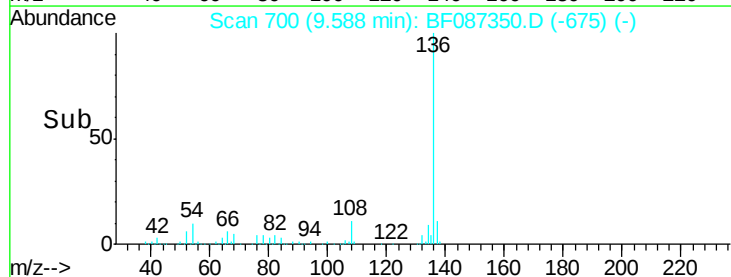
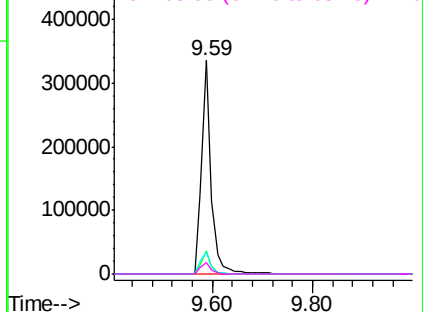
137 10.9 8.8 13.2

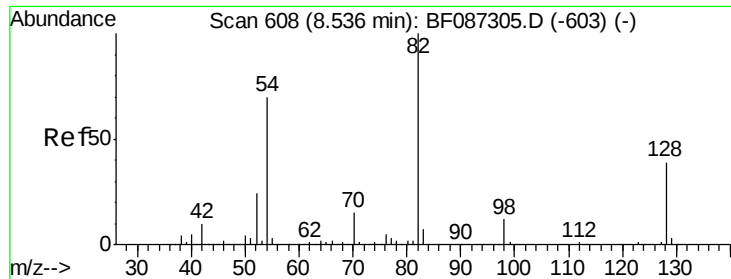
54 10.4 5.0 7.4#

68 5.4 4.4 6.6



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

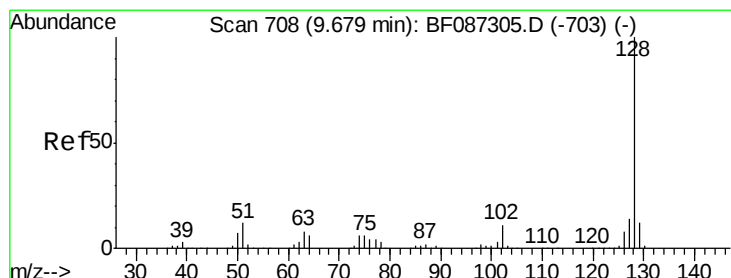
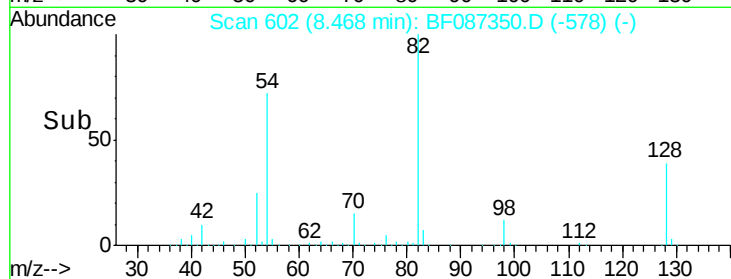
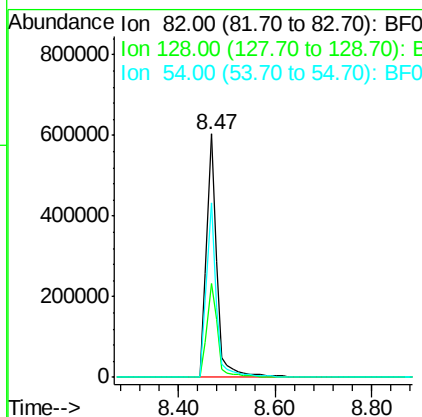
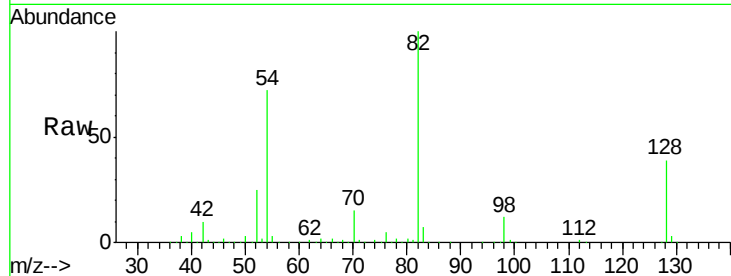




#23
 Nitrobenzene-d5
 Concen: 102.97 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087350.D
 Acq: 24 May 2016 22:01

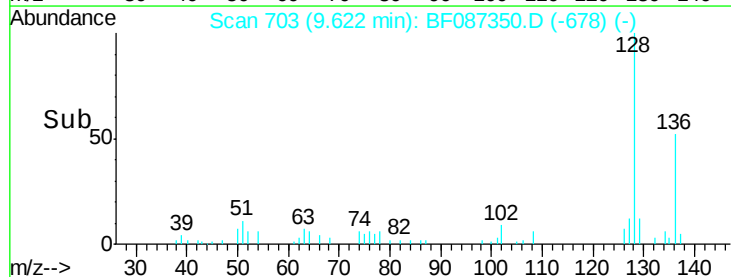
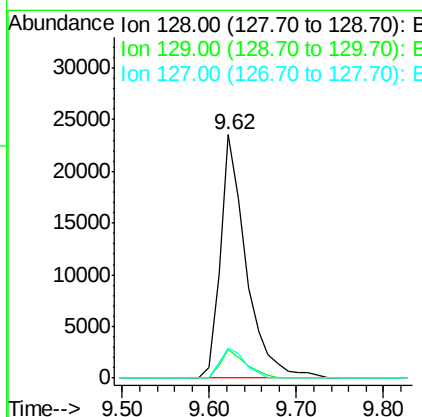
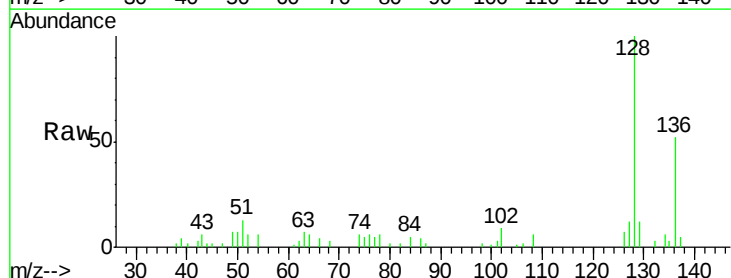
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHUBEMILEPOST-1-10

Tot Ion: 82 Resp: 910906
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 71.9 38.1 57.1#



#31
 Naphthalene
 Concen: 2.18 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087350.D
 Acq: 24 May 2016 22:01

Tgt Ion: 128 Resp: 48687
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.6 13.0
 127 12.1 10.8 16.2

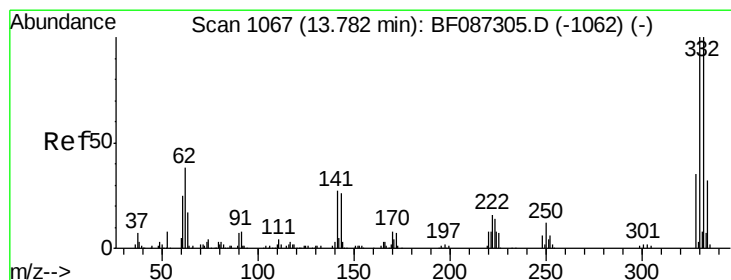
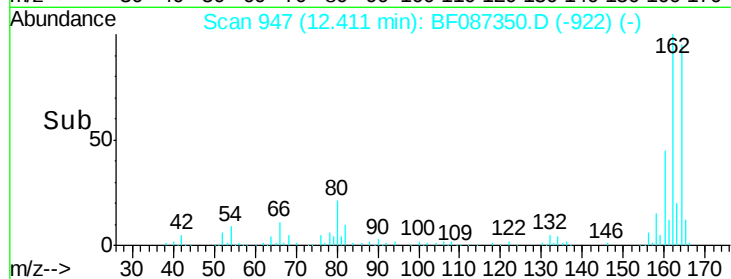
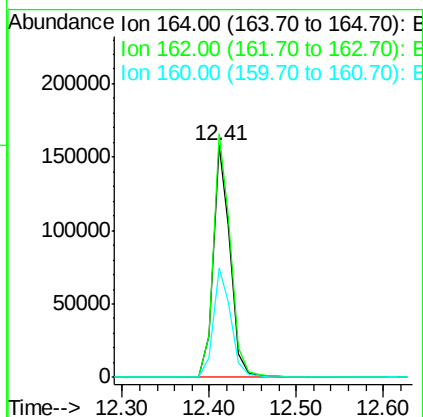
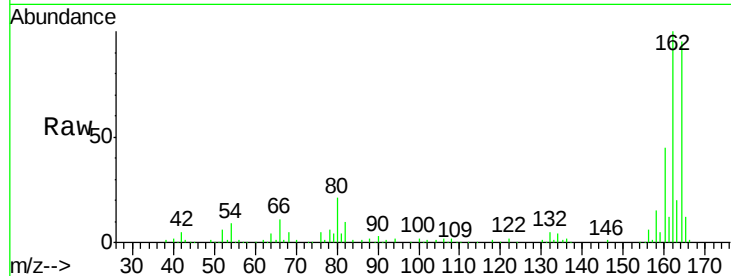




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087350.D
 Acq: 24 May 2016 22:01

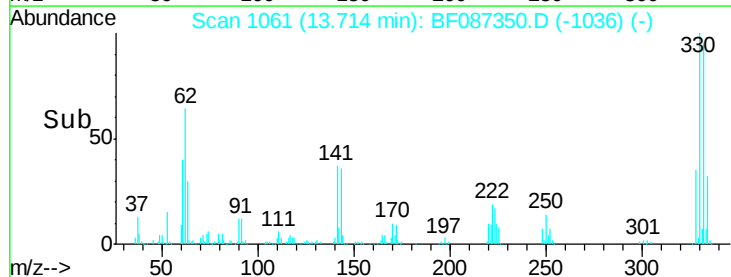
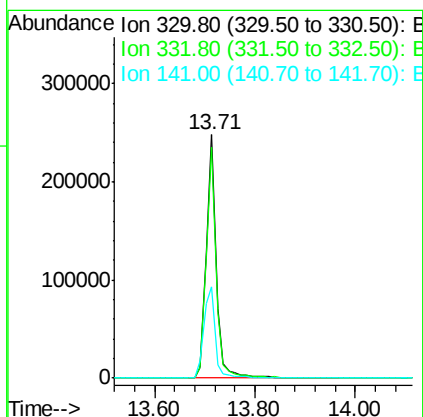
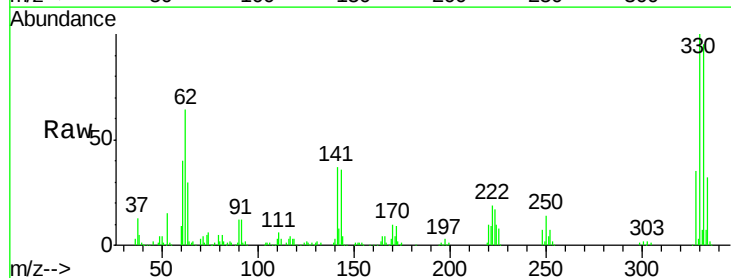
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHUBEMILEPOST-1-10

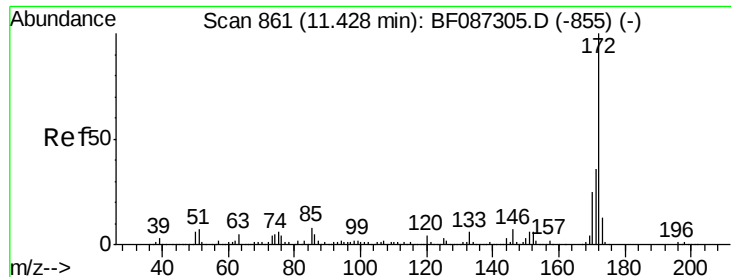
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.8	124.2
160	47.1	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 167.60 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087350.D
 Acq: 24 May 2016 22:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	43.1	31.2	46.8

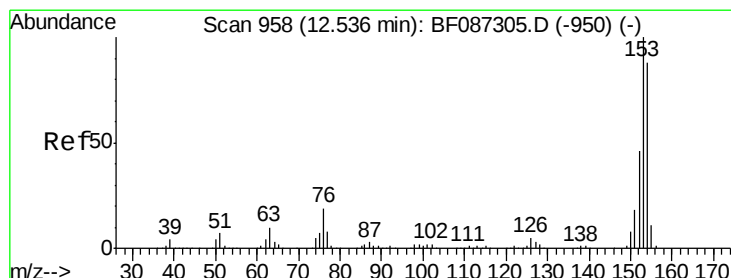
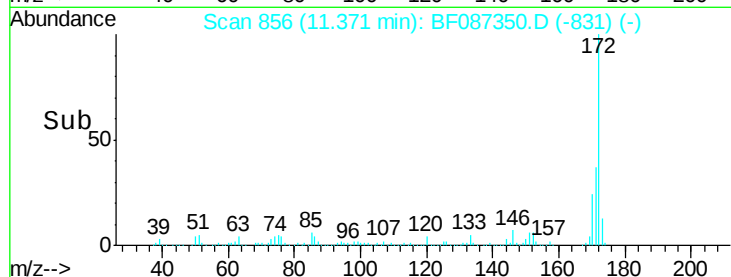
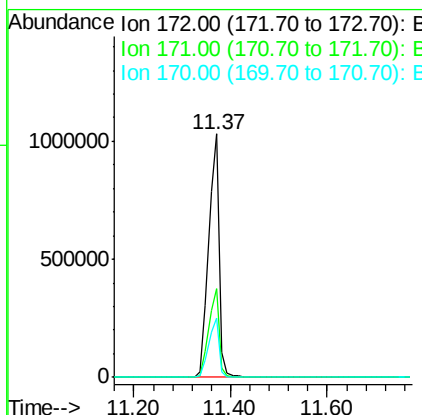
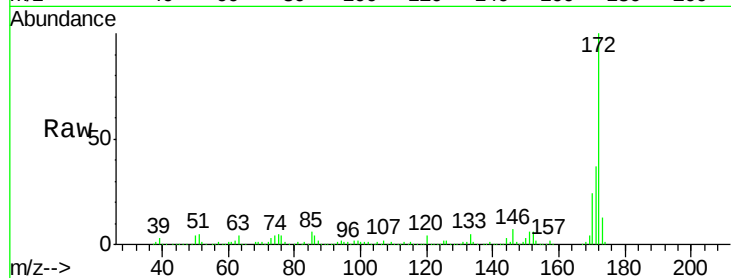




#44
2-Fluorobiphenyl
Concen: 103.75 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

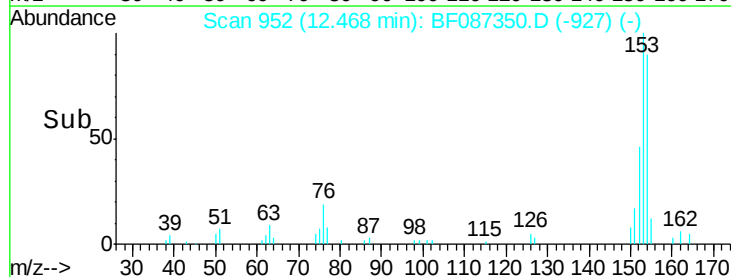
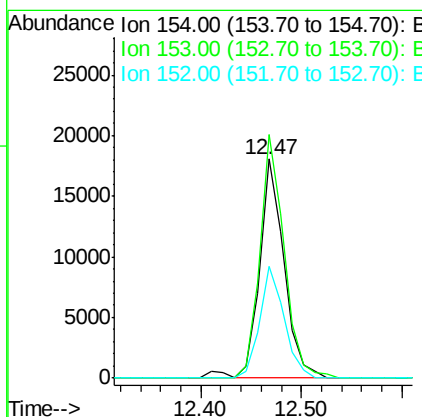
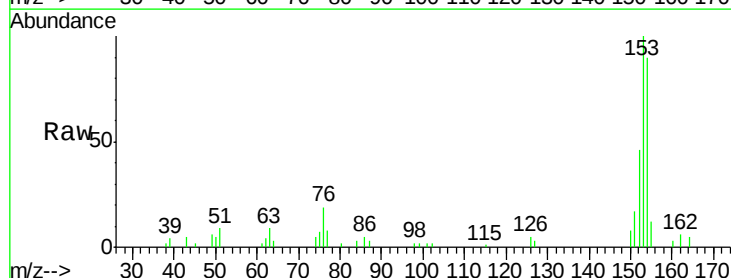
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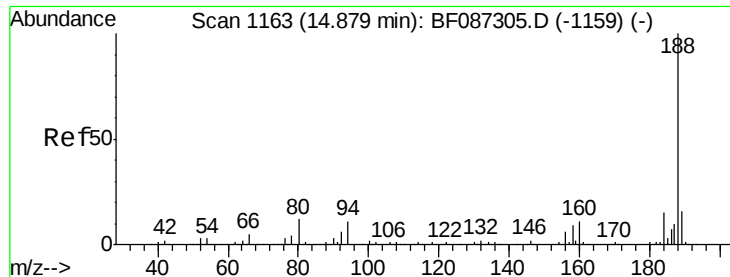
Tot Ion:172 Resp: 1583379
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.4 19.8 29.8



#51
Acenaphthene
Concen: 2.27 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:154 Resp: 30596
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.6
152 50.9 43.4 65.0

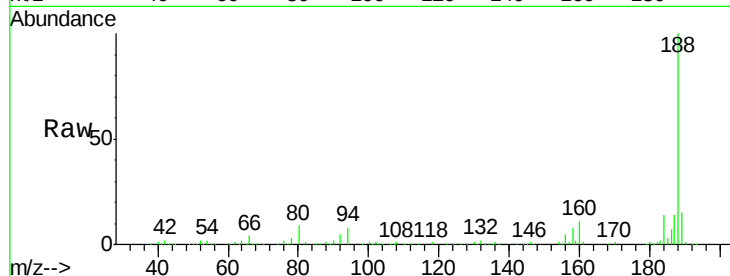




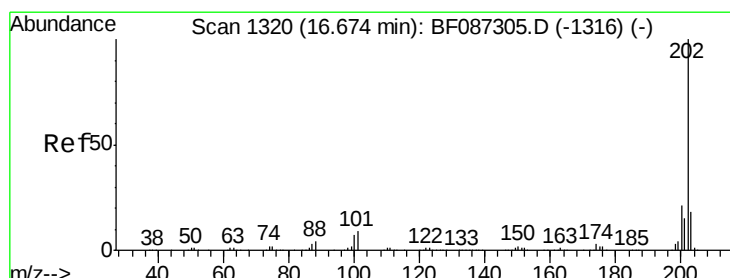
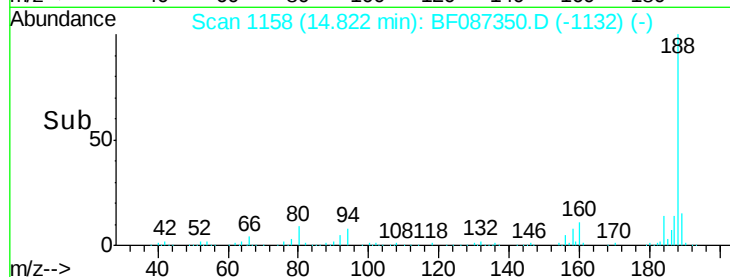
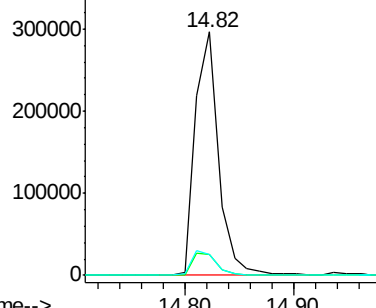
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Instrument :
BNA_F
ClientSampleId :
SOUTHTUBEMILEPOST-1-10

Tot Ion:188 Resp: 441711
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.8 7.1 10.7

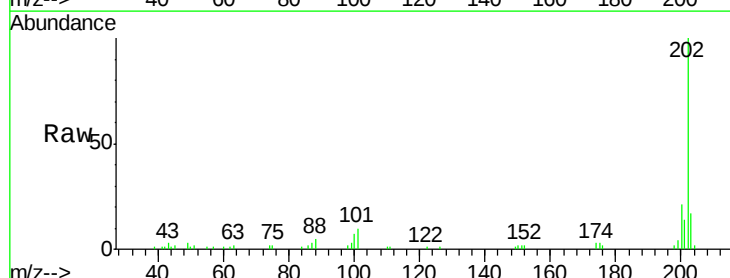


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

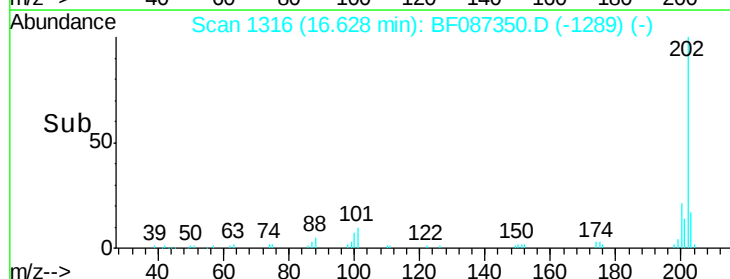
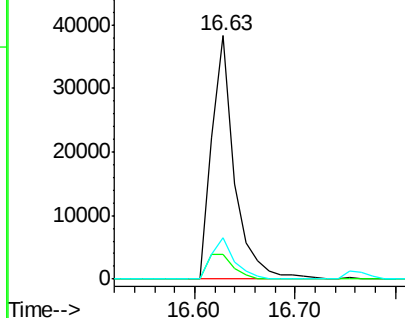


#74
Fluoranthene
Concen: 2.44 ng
RT: 16.63 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF087350.D
Acq: 24 May 2016 22:01

Tgt Ion:202 Resp: 59813
Ion Ratio Lower Upper
202 100
101 10.0 0.0 35.4
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: 18.50 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF087350.D

Acq: 24 May 2016 22:01

Instrument :

BNA_F

ClientSampleId :

SOUTHTUBEMILEPOST-1-10

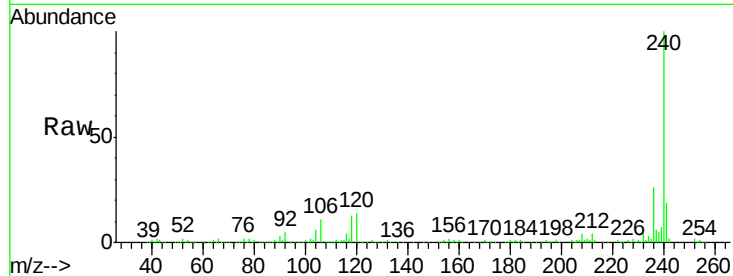
Tot Ion:240 Resp: 377828

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

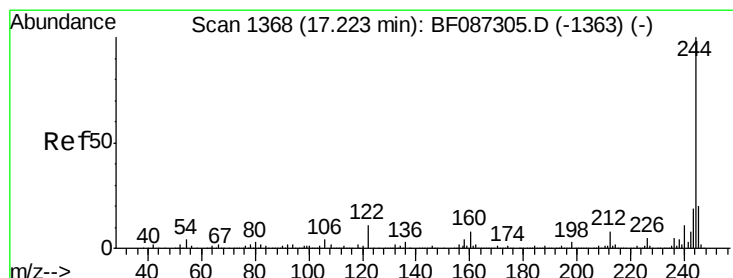
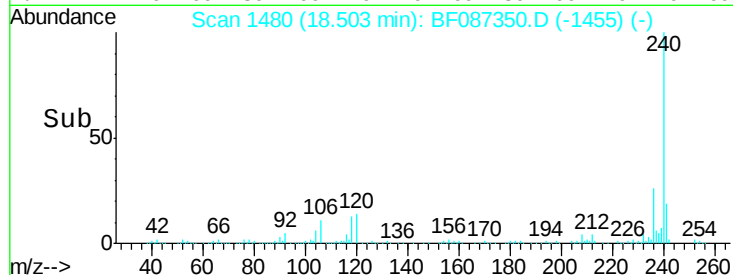
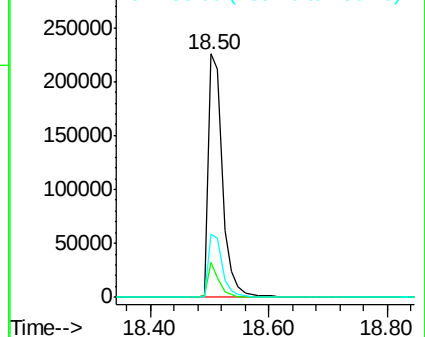
236 25.9 21.2 31.8



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: 93.86 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF087350.D

Acq: 24 May 2016 22:01

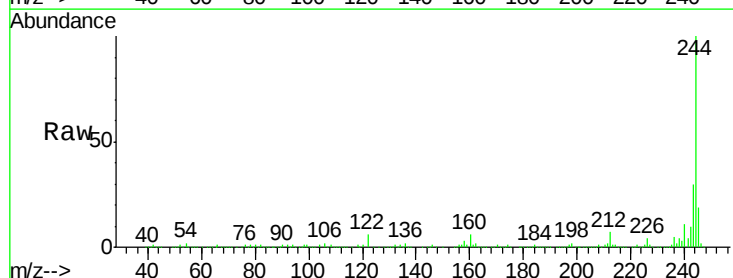
Tgt Ion:244 Resp: 1668042

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

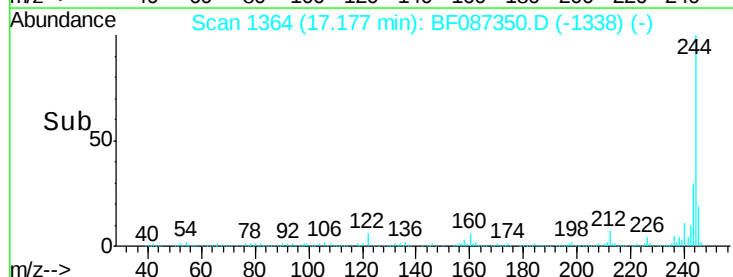
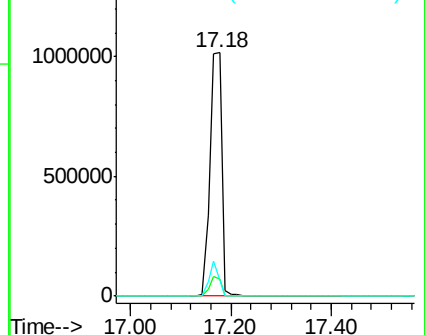
122 6.3 12.0 18.0#

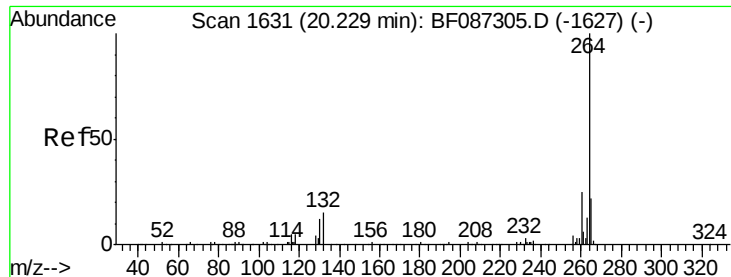


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.18 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF087350.D
 Acq: 24 May 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHTUBEMILEPOST-1-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.3	25.9

