

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093920.D
 Acq On : 24 Mar 2017 21:36
 Operator : SJ/MA
 Sample : I2381-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSEGRADEAGGREGATE-

Quant Time: Mar 25 00:44:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

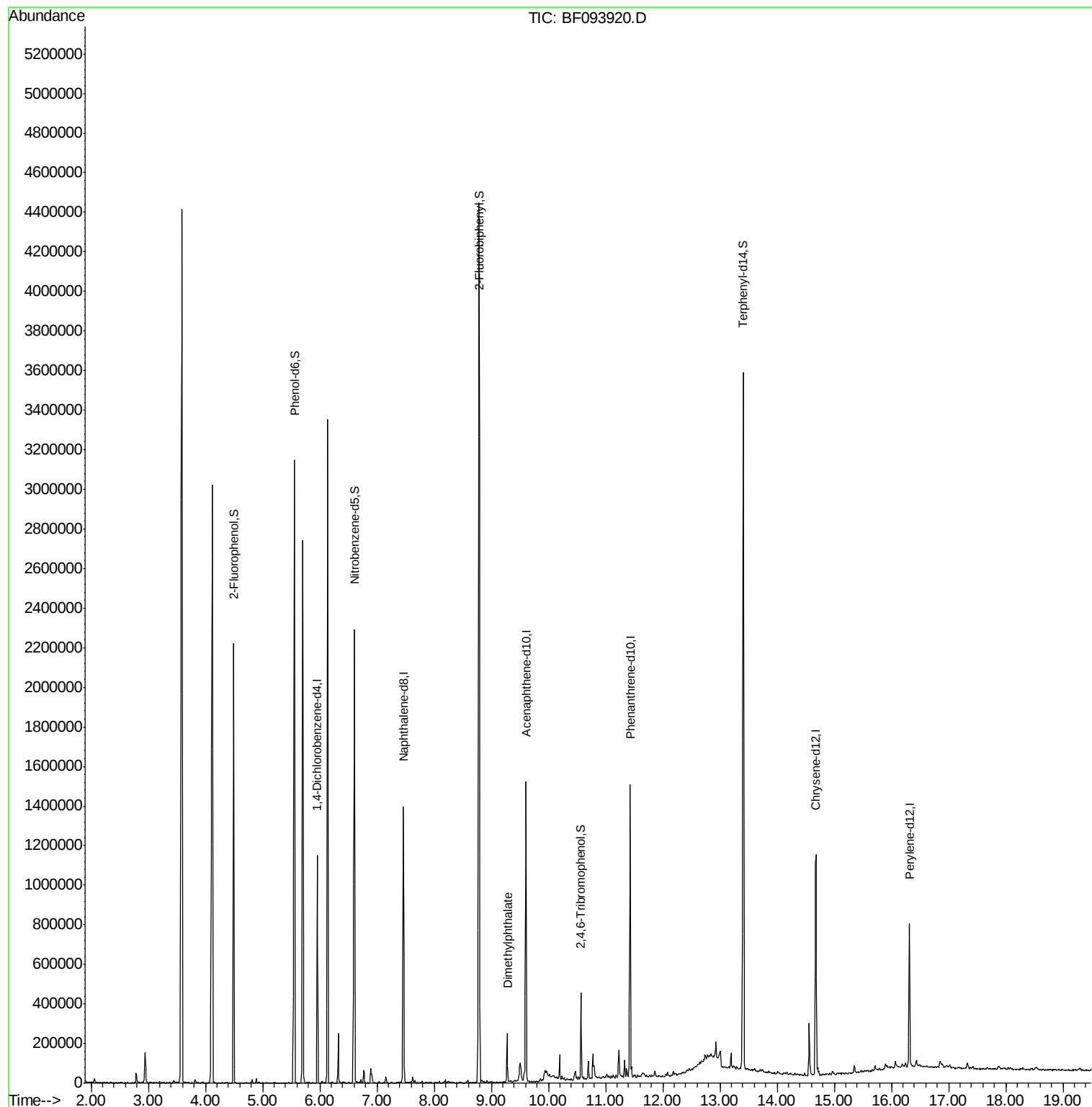
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	174055	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	718437	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	337069	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	574707	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	446519	20.00	ng	-0.04
86) Perylene-d12	16.32	264	309681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	605156	58.72	ng	-0.01
7) Phenol-d6	5.56	99	1337854	104.94	ng	-0.01
23) Nitrobenzene-d5	6.60	82	965132	76.66	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	41747	15.67	ng	-0.04
44) 2-Fluorobiphenyl	8.79	172	1723633	78.00	ng	-0.04
78) Terphenyl-d14	13.41	244	1402876	70.42	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.28	163	113311	4.73	ng	Qvalue 98

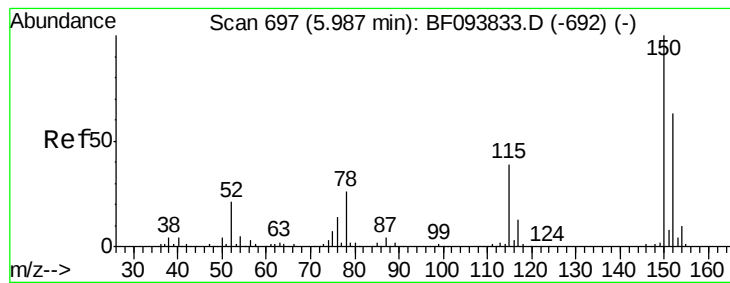
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093920.D
Acq On : 24 Mar 2017 21:36
Operator : SJ/MA
Sample : I2381-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSEGRADEAGGREGATE-

Quant Time: Mar 25 00:44:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

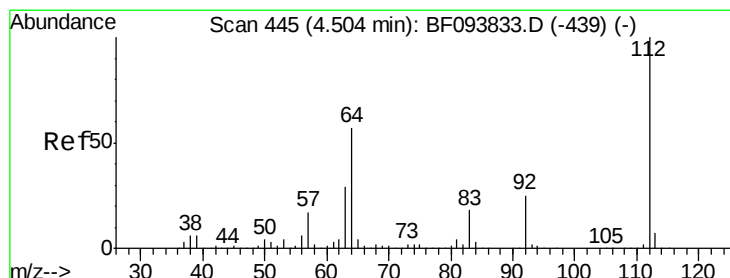
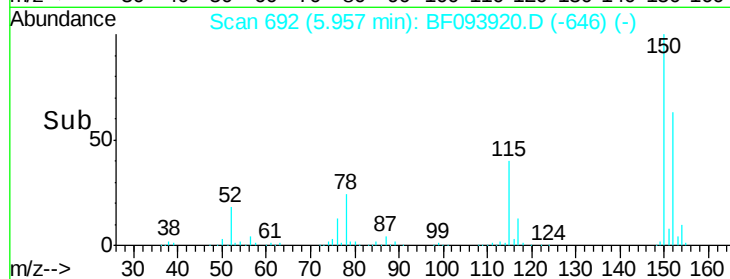
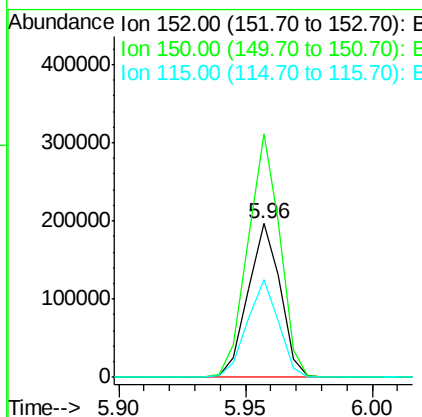
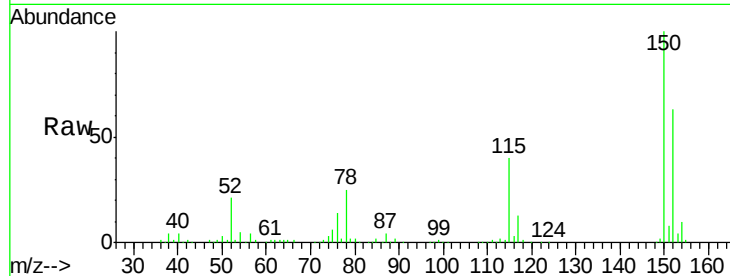




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.96 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

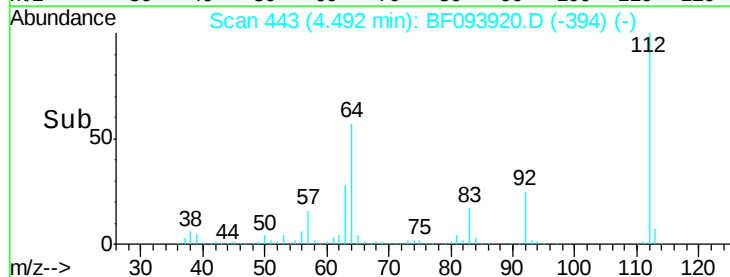
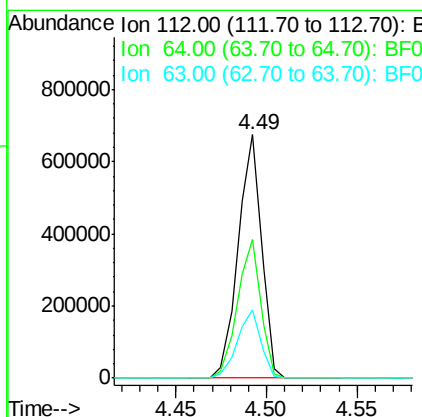
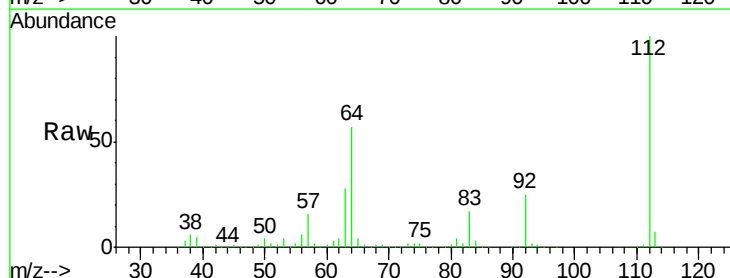
Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSEGRADEAGGREGATE-

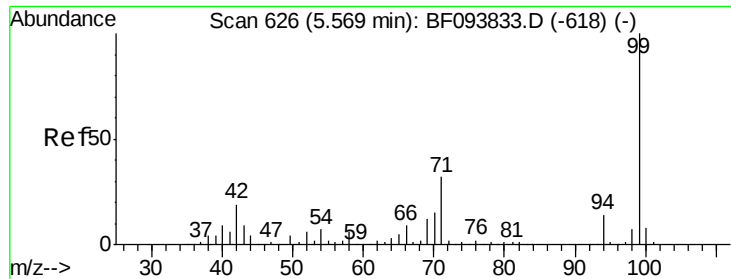
Tot Ion:152 Resp: 174055
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 63.6 52.2 78.2



#5
 2-Fluorophenol
 Concen: 58.72 ng
 RT: 4.49 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

Tgt Ion:112 Resp: 605156
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.0 69.0
 63 27.9 23.4 35.0





#7

Phenol-d6

Concen: 104.94 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093920.D

Acq: 24 Mar 2017 21:36

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSEGRADEAGGREGATE-

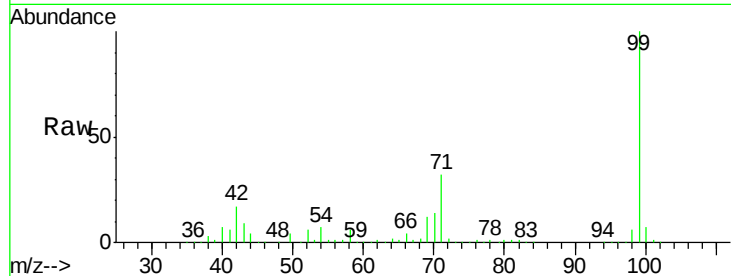
Tot Ion: 99 Resp: 1337854

Ion Ratio Lower Upper

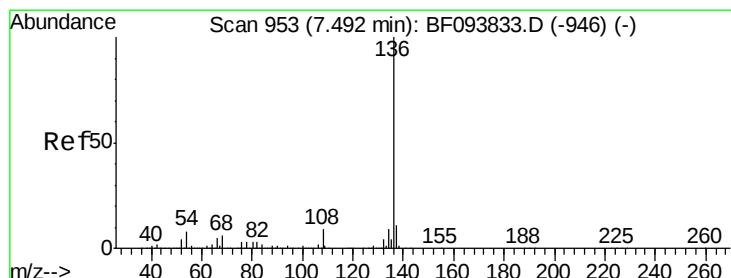
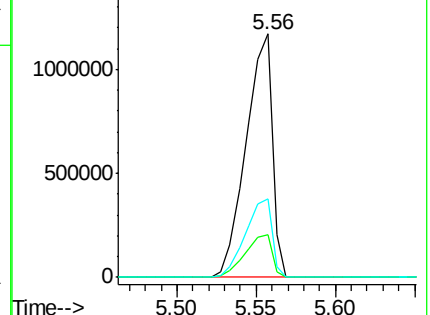
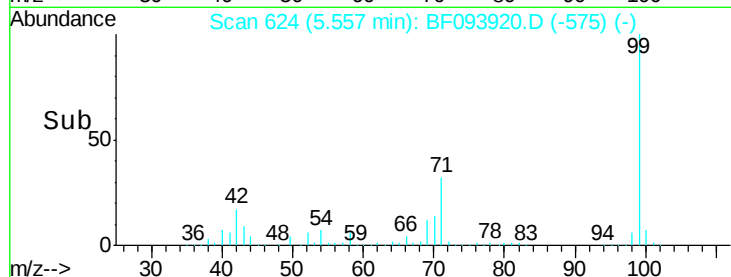
99 100

42 17.4 13.5 20.3

71 32.3 24.5 36.7



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: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093920.D

Acq: 24 Mar 2017 21:36

Tgt Ion: 136 Resp: 718437

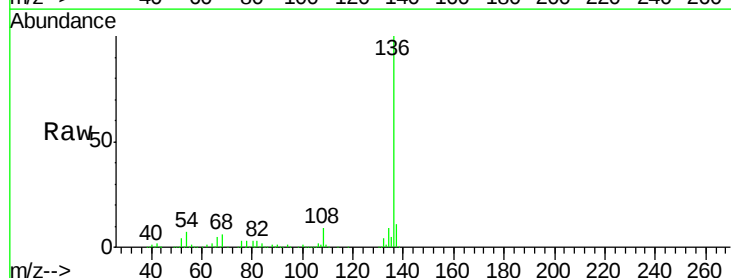
Ion Ratio Lower Upper

136 100

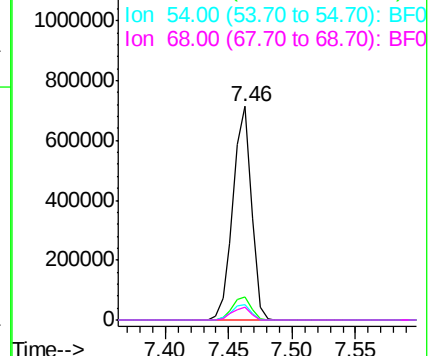
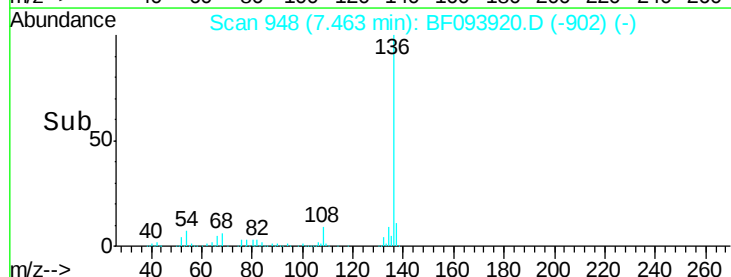
137 10.8 8.5 12.7

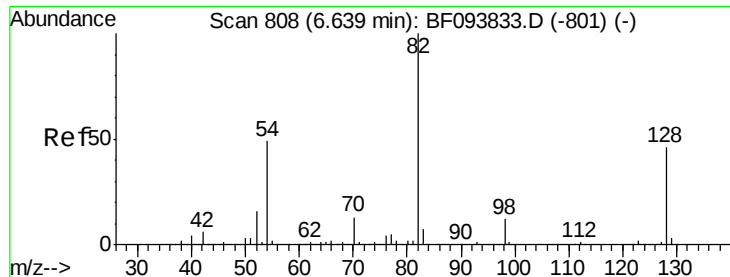
54 7.5 4.9 7.3#

68 5.9 4.1 6.1



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

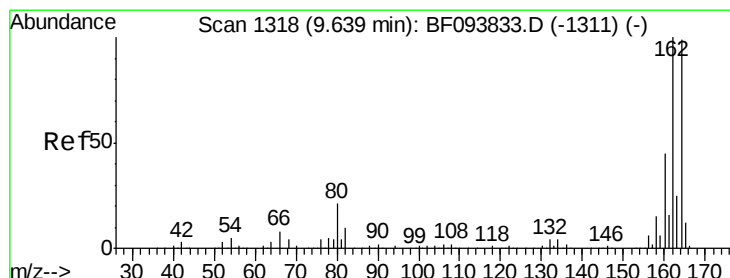
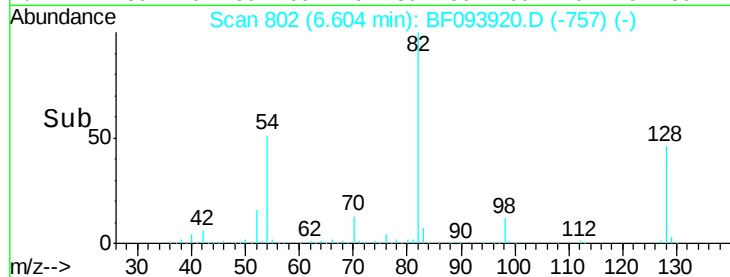
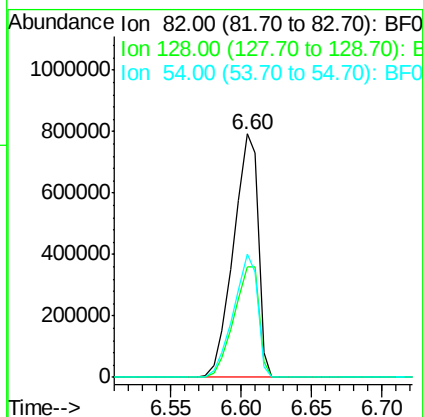
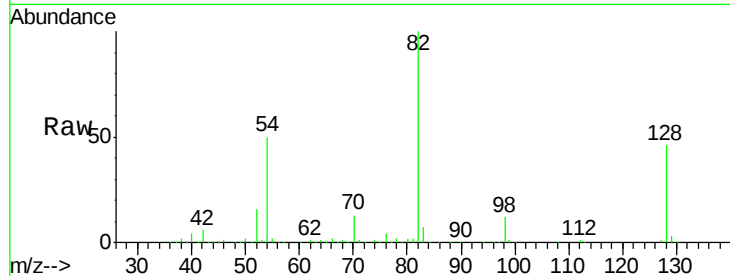




#23
 Nitrobenzene-d5
 Concen: 76.66 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.04 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

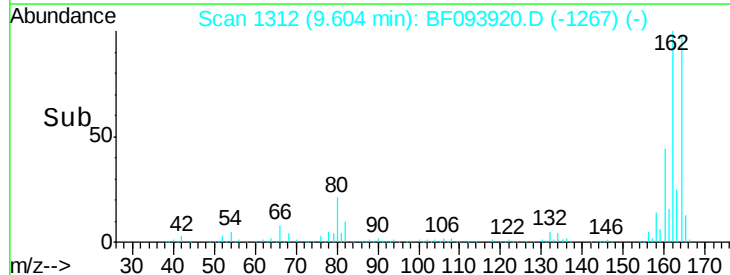
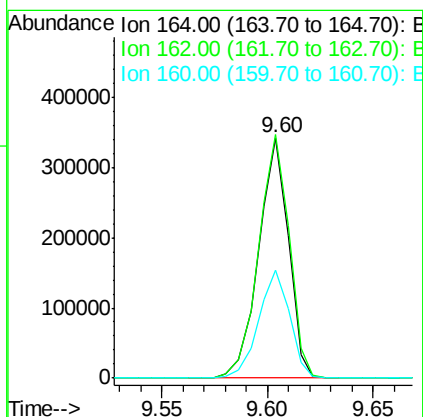
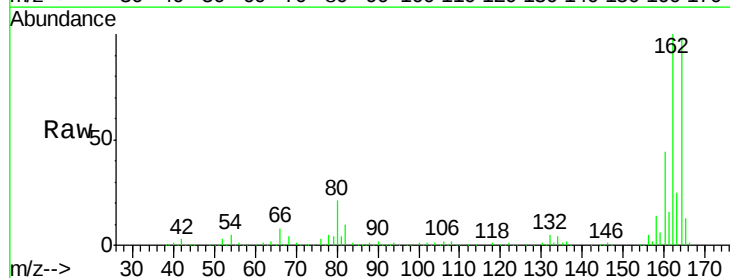
Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSEGRADEAGGREGATE-

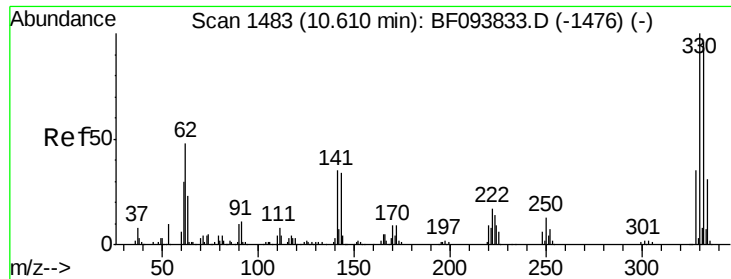
Tot Ion: 82 Resp: 965132
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 50.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

Tgt Ion:164 Resp: 337069
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 44.9 36.2 54.2

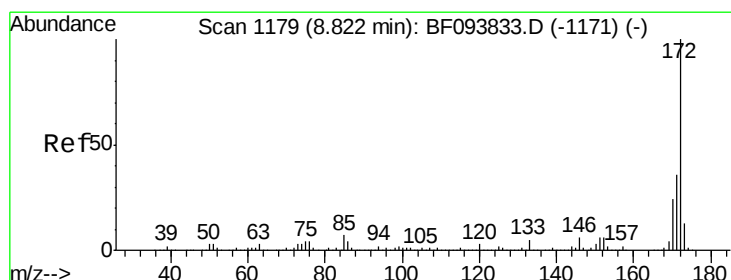
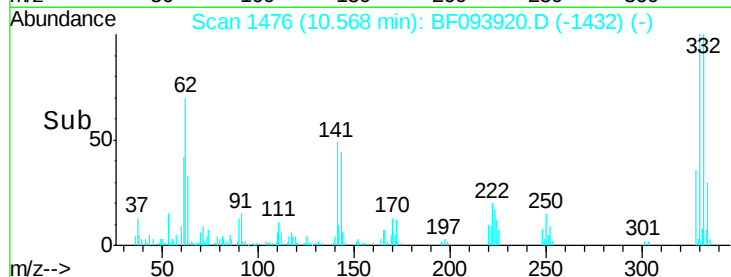
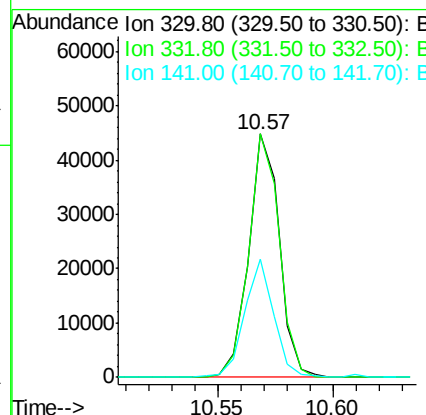
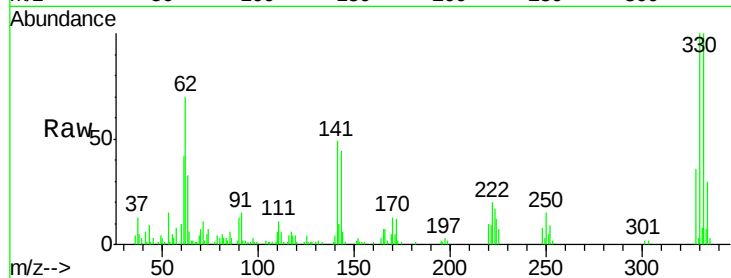




#41
 2,4,6-Tribromophenol
 Concen: 15.67 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.04 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

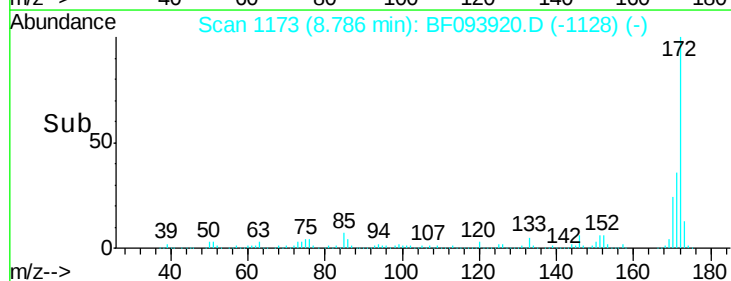
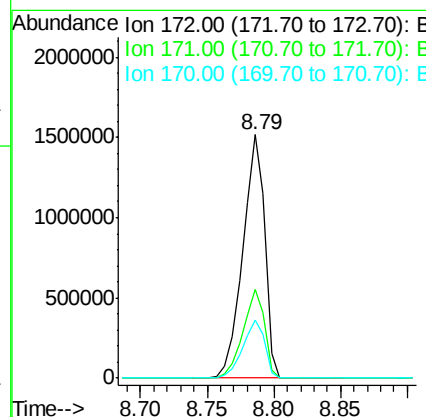
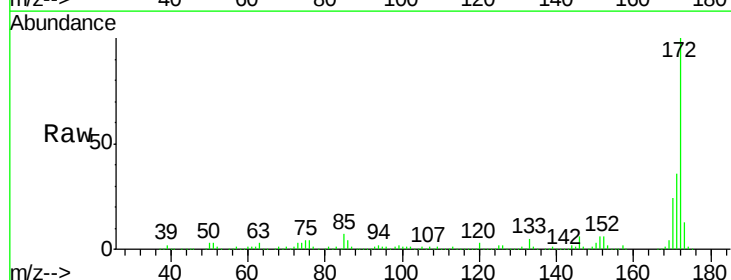
Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSEGRADEAGGREGATE-

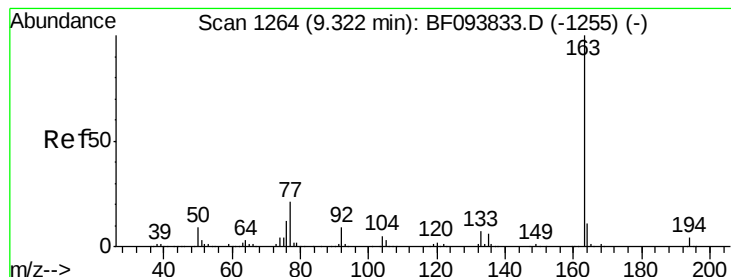
Tot Ion:330 Resp: 41747
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 115.0
 141 46.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 78.00 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

Tgt Ion:172 Resp: 1723633
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 4.73 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF093920.D

Acq: 24 Mar 2017 21:36

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSEGRADEAGGREGATE-

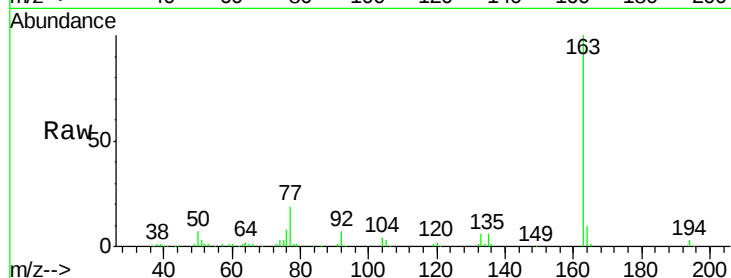
Tot Ion:163 Resp: 113311

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

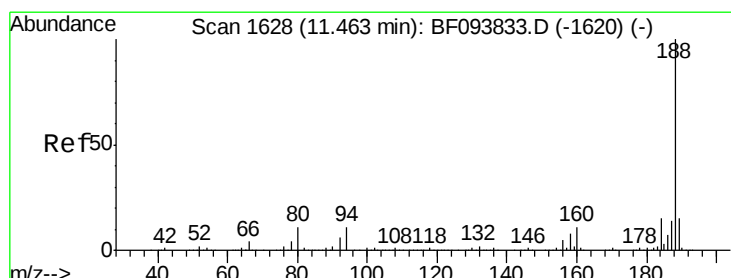
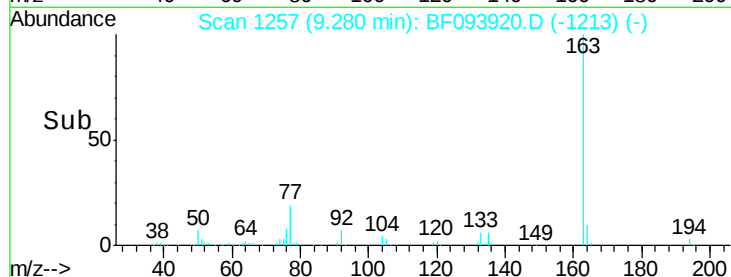
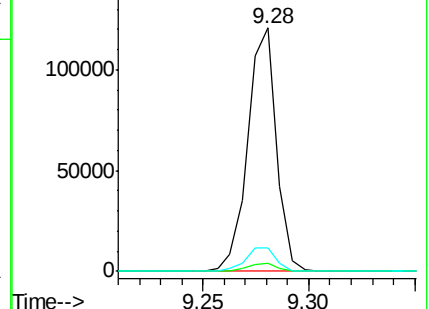
164 9.7 8.4 12.6



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: 11.43 min Scan# 1622

Delta R.T. -0.04 min

Lab File: BF093920.D

Acq: 24 Mar 2017 21:36

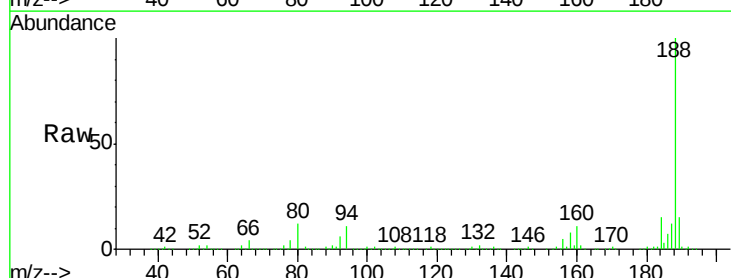
Tgt Ion:188 Resp: 574707

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

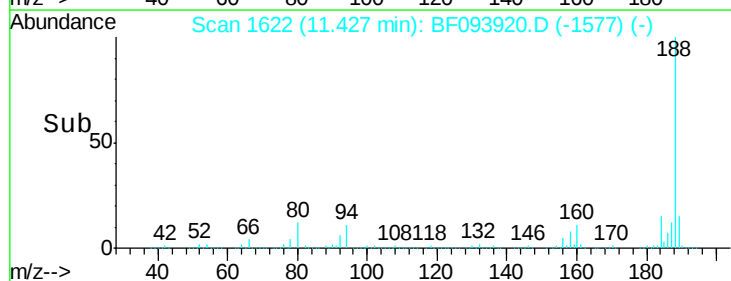
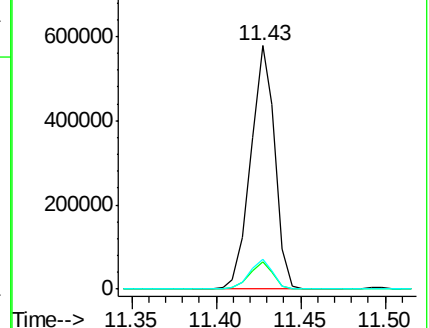
80 12.2 10.2 15.2

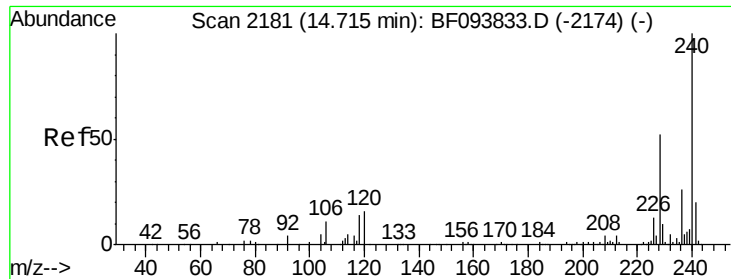


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

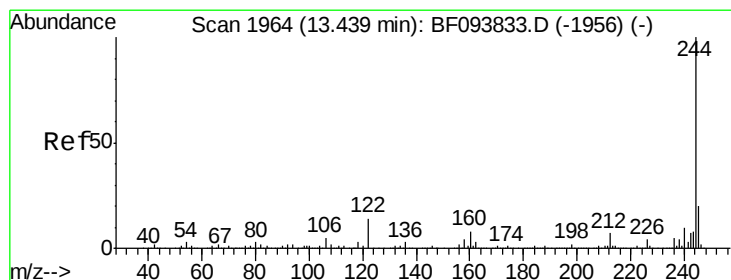
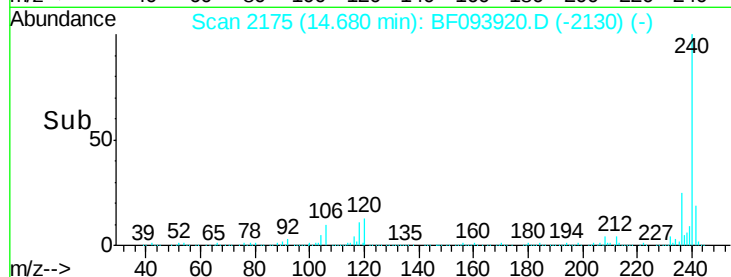
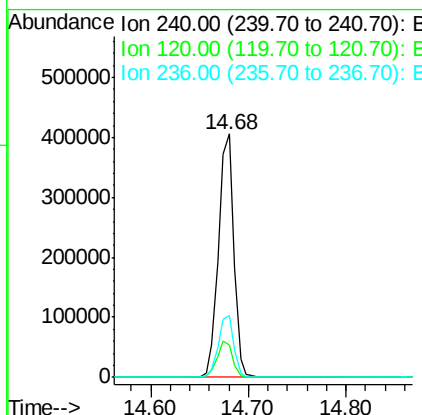
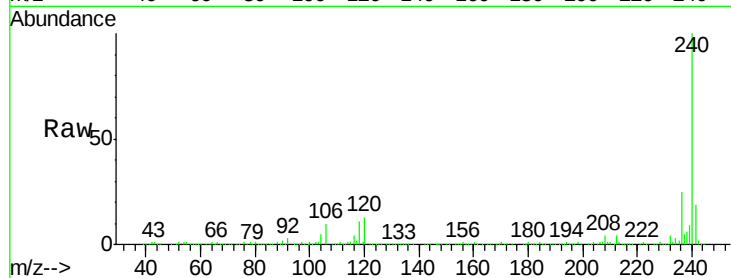




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF093920.D
Acq: 24 Mar 2017 21:36

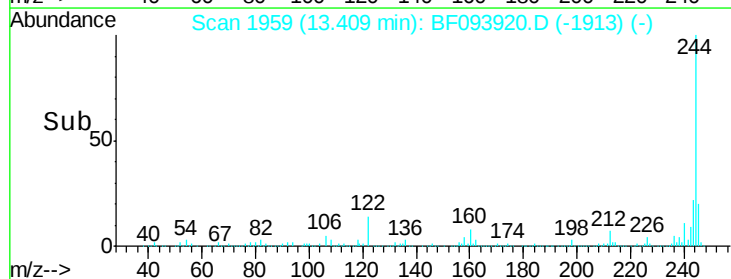
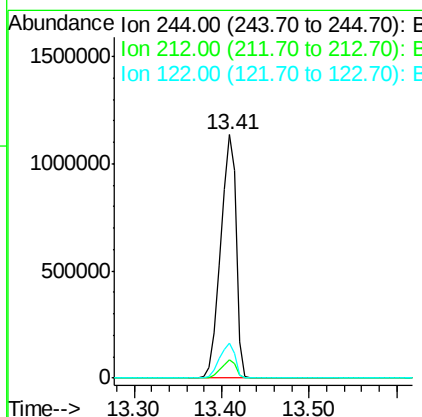
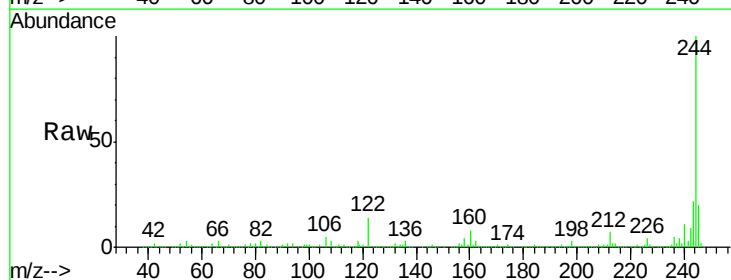
Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSEGRADEAGGREGATE-

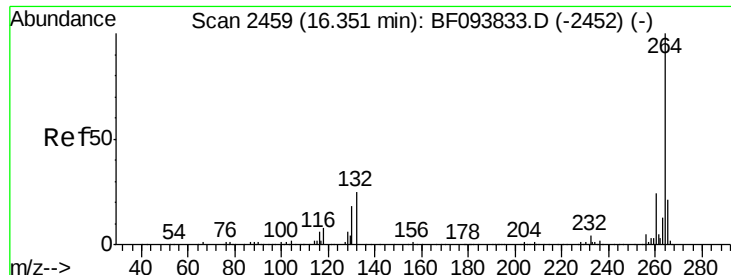
Tot Ion:240 Resp: 446519
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.2 20.5 30.7



#78
Terphenyl-d14
Concen: 70.42 ng
RT: 13.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BF093920.D
Acq: 24 Mar 2017 21:36

Tgt Ion:244 Resp: 1402876
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.3 10.3 15.5

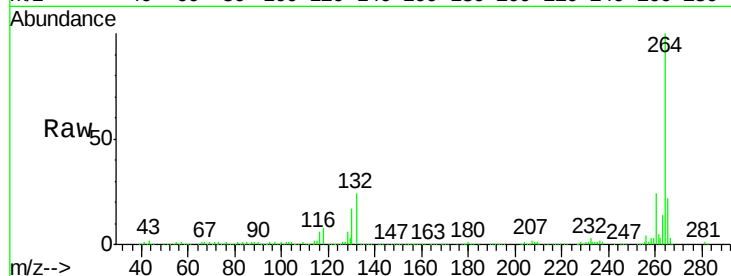




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 2453
 Delta R.T. -0.04 min
 Lab File: BF093920.D
 Acq: 24 Mar 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSEGRADEAGGREGATE-

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

