

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093985.D
 Acq On : 28 Mar 2017 11:09
 Operator : SJ/MA
 Sample : I2411-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: Mar 28 13:44:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

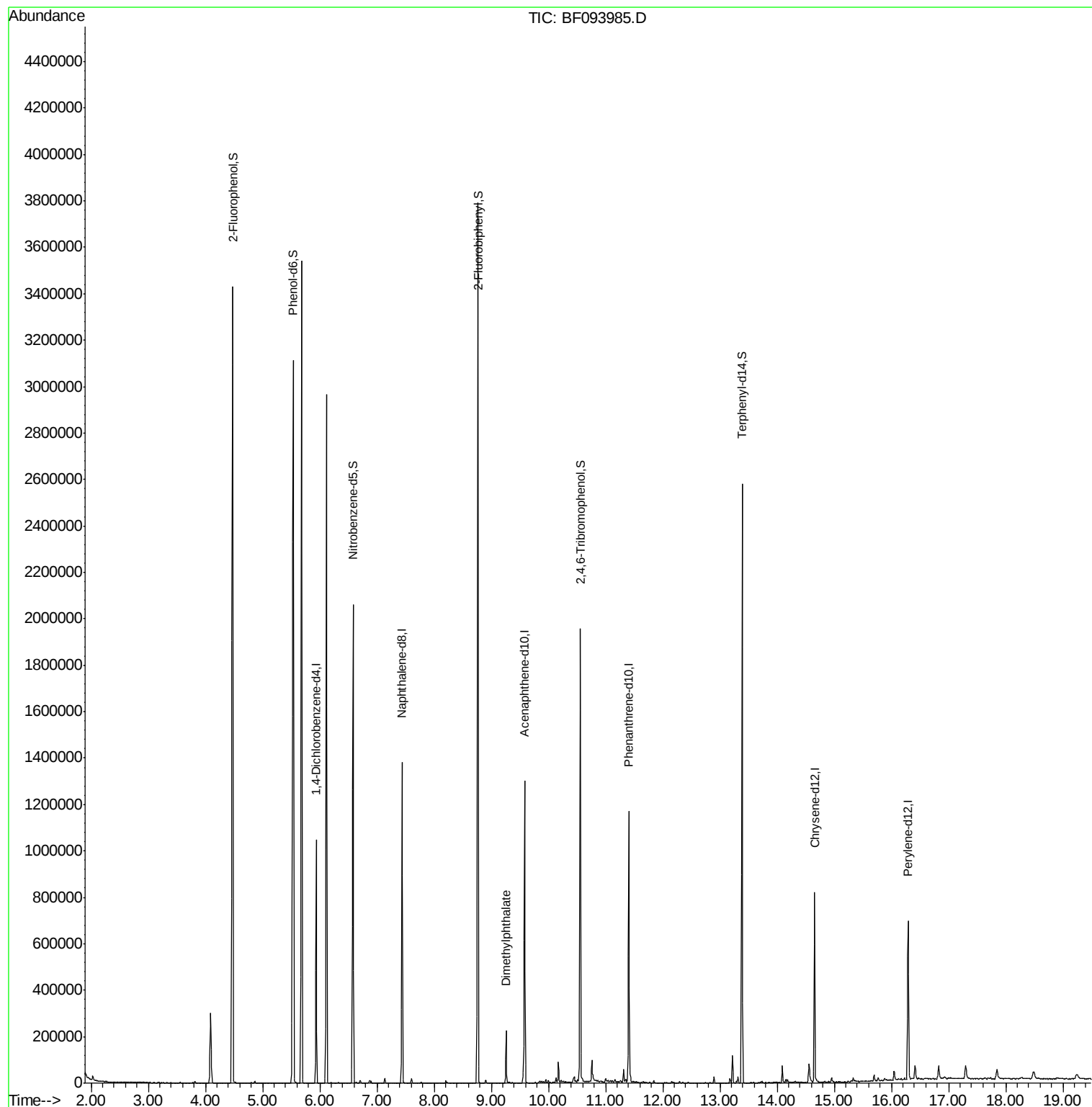
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	169737	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	681282	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	300732	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	482204	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	307283	20.00	ng	-0.02
86) Perylene-d12	16.29	264	273715	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1086605	108.13	ng	0.00
7) Phenol-d6	5.53	99	1389768	111.79	ng	-0.02
23) Nitrobenzene-d5	6.59	82	831647	69.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	252603	106.30	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1416970	71.87	ng	-0.01
78) Terphenyl-d14	13.39	244	909367	66.33	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.26	163	94517	4.42	ng	Qvalue 97

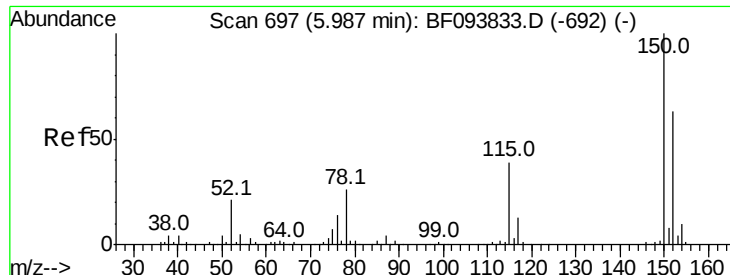
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093985.D

Acq: 28 Mar 2017 11:09

Instrument :

BNA_F

ClientSampleId :

S-3

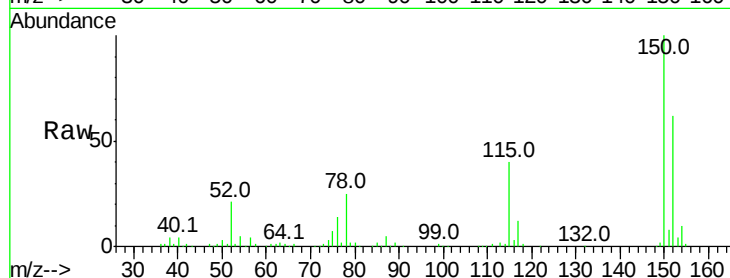
Tot Ion:152 Resp: 169737

Ion Ratio Lower Upper

152 100

150 161.0 126.2 189.2

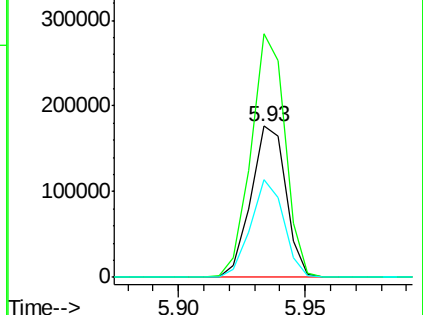
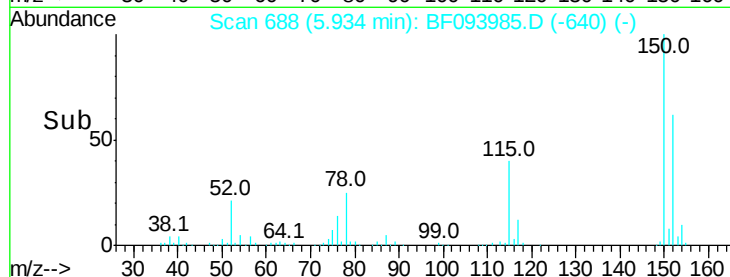
115 64.6 52.2 78.2



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: 108.13 ng

RT: 4.47 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093985.D

Acq: 28 Mar 2017 11:09

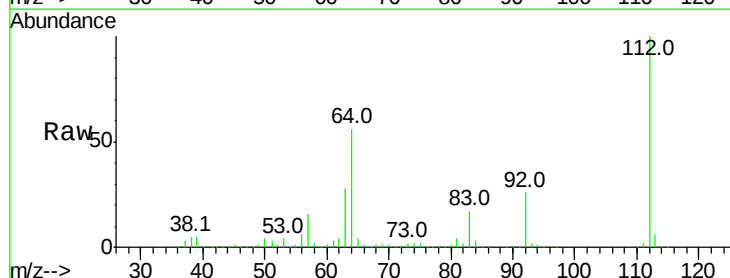
Tgt Ion:112 Resp: 1086605

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

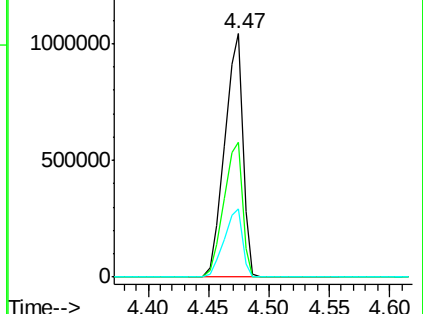
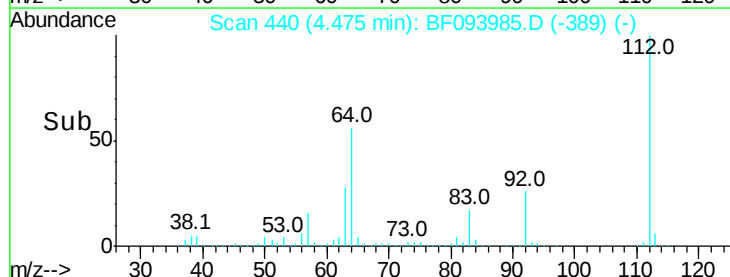
63 28.1 23.4 35.0

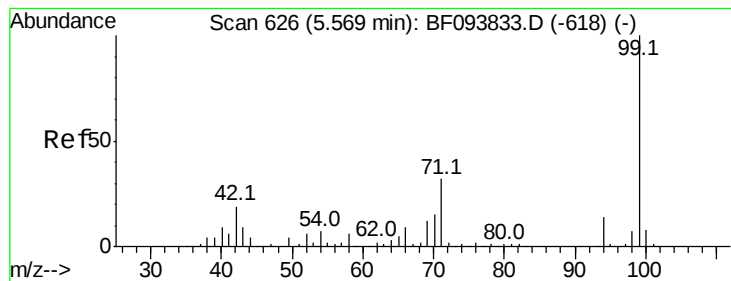


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.79 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093985.D

Acq: 28 Mar 2017 11:09

Instrument :

BNA_F

ClientSampled :

S-3

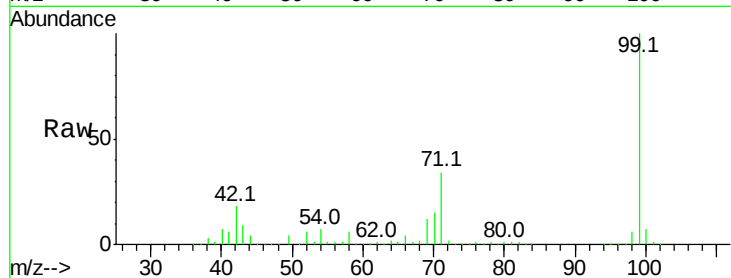
Tot Ion: 99 Resp: 1389768

Ion Ratio Lower Upper

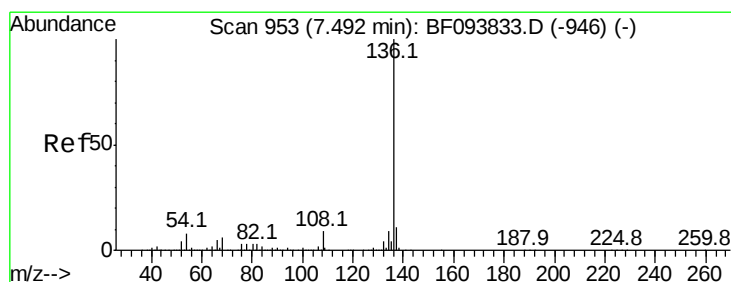
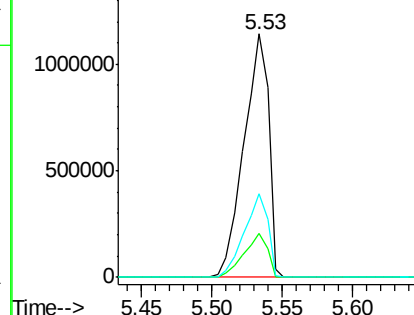
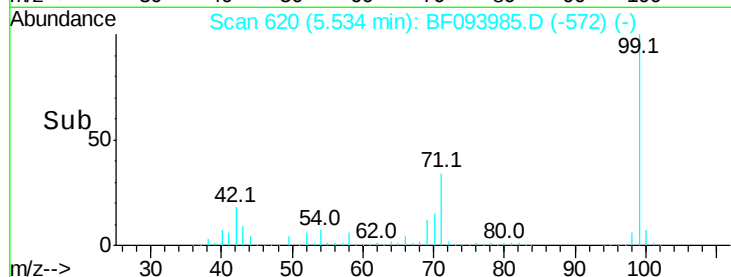
99 100

42 18.0 13.5 20.3

71 34.1 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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093985.D

Acq: 28 Mar 2017 11:09

Tgt Ion: 136 Resp: 681282

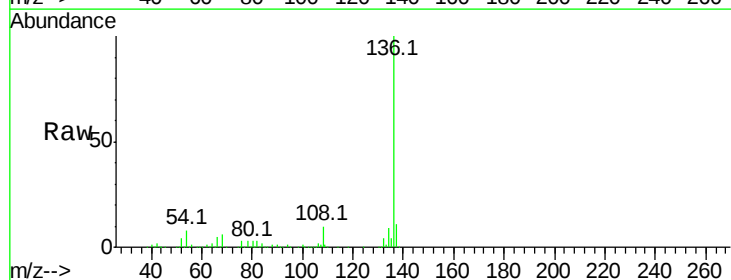
Ion Ratio Lower Upper

136 100

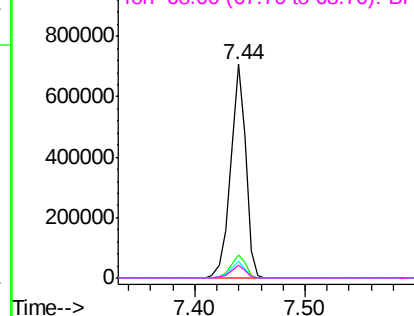
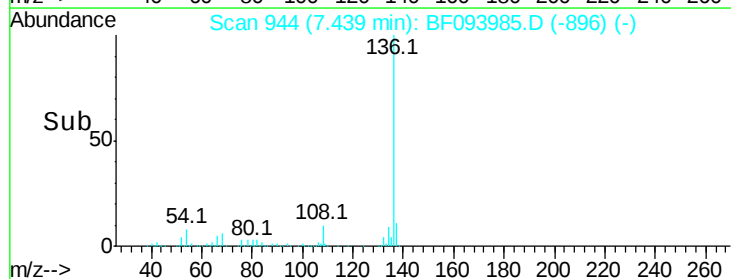
137 10.8 8.5 12.7

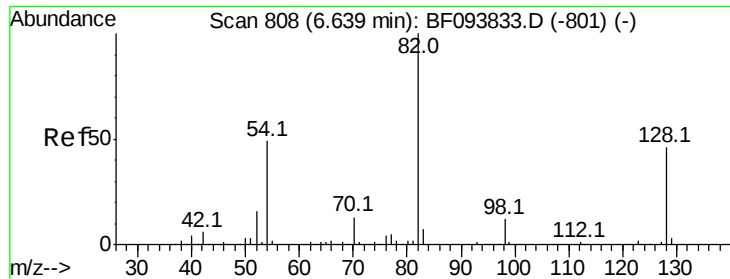
54 7.6 4.9 7.3#

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

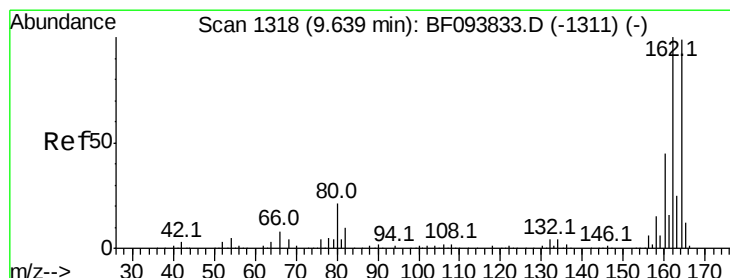
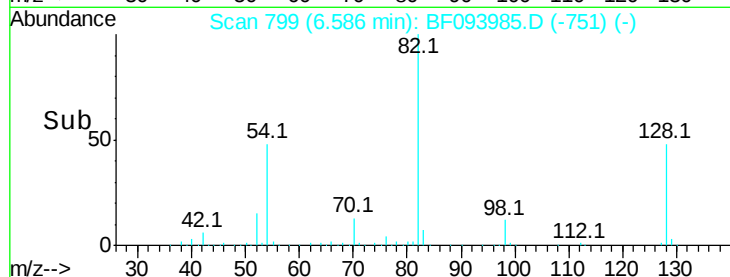
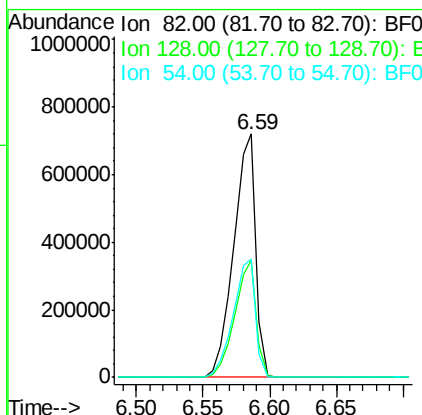
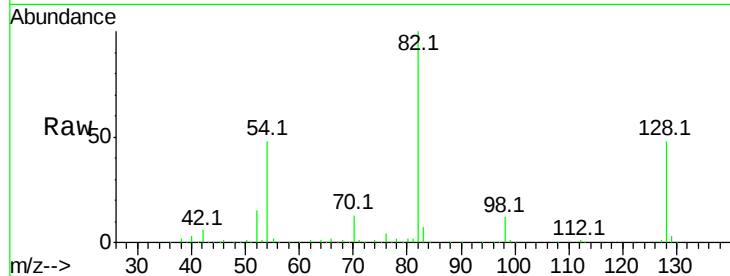




#23
 Nitrobenzene-d5
 Concen: 69.66 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093985.D
 Acq: 28 Mar 2017 11:09

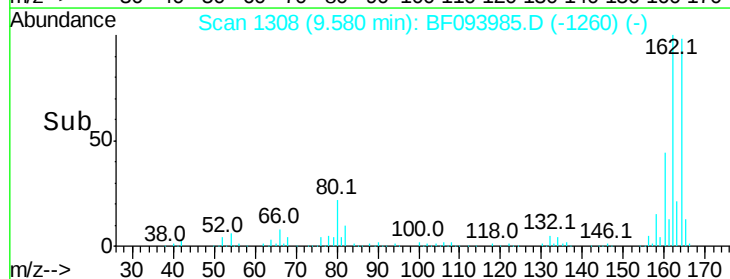
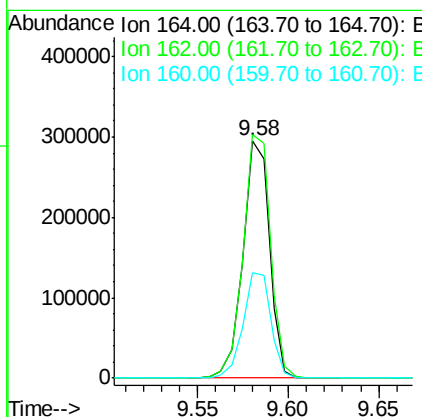
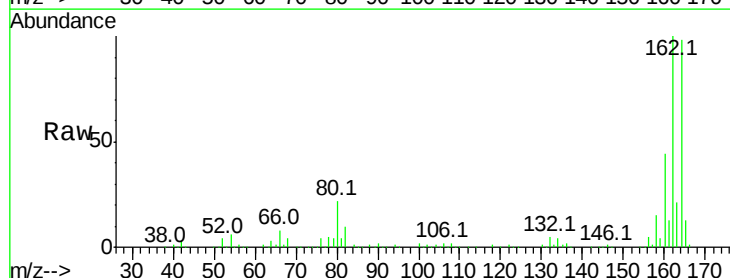
Instrument :
 BNA_F
 ClientSampled :
 S-3

Tot Ion	82	Resp	831647
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.0	51.0
54	48.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF093985.D
 Acq: 28 Mar 2017 11:09

Tgt Ion	164	Resp	300732
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.6	123.8
160	44.6	36.2	54.2

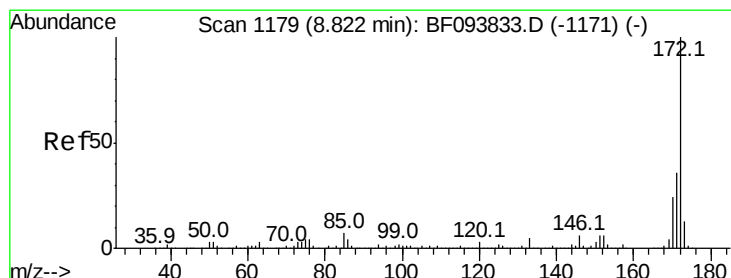
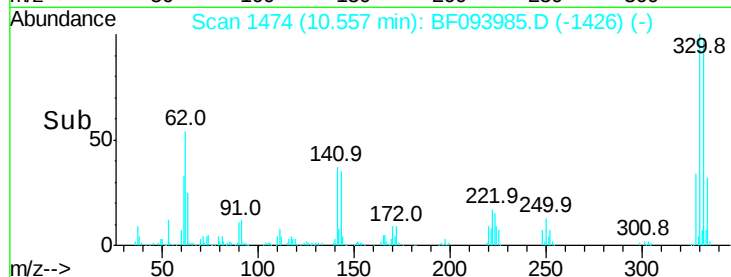
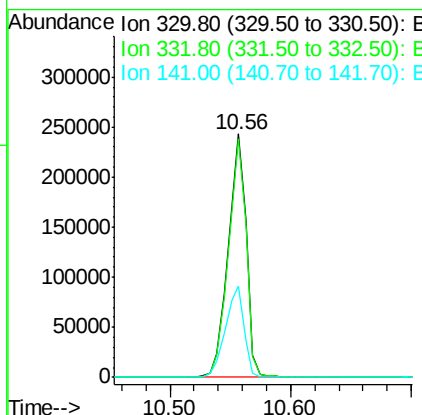
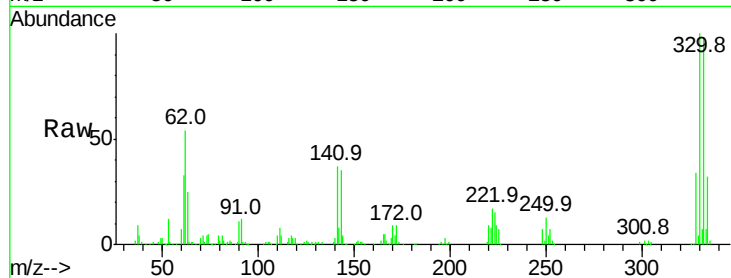




#41
 2,4,6-Tribromophenol
 Concen: 106.30 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093985.D
 Acq: 28 Mar 2017 11:09

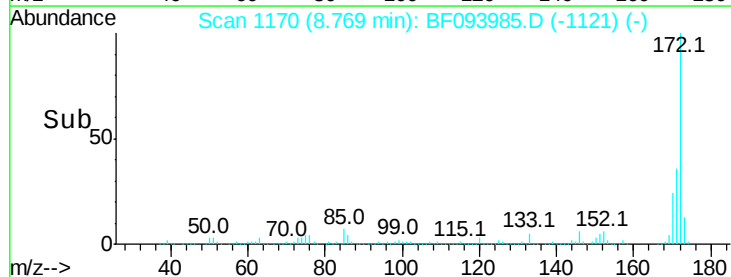
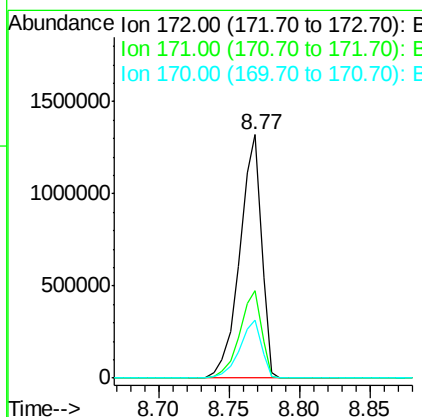
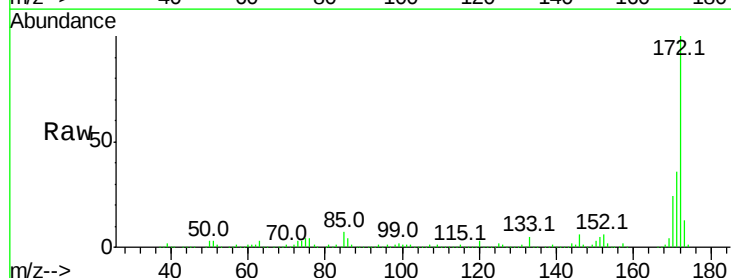
Instrument :
 BNA_F
 ClientSampleId :
 S-3

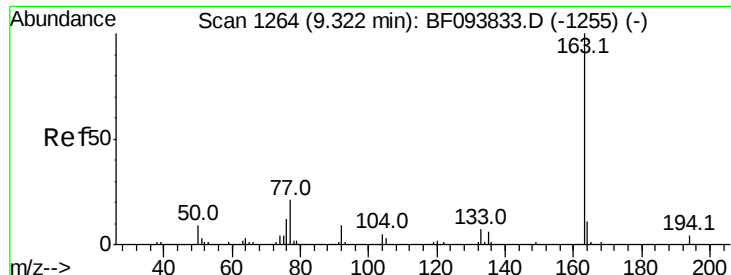
Tot Ion:330 Resp: 252603
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 38.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 71.87 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093985.D
 Acq: 28 Mar 2017 11:09

Tgt Ion:172 Resp: 1416970
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8

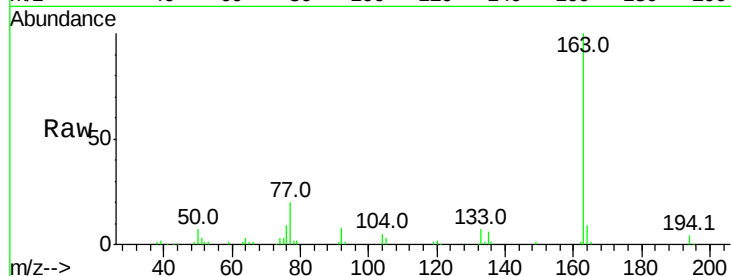




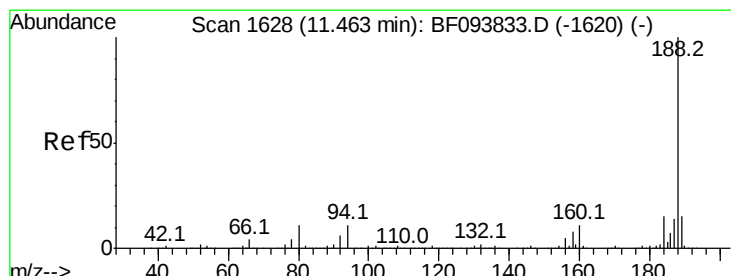
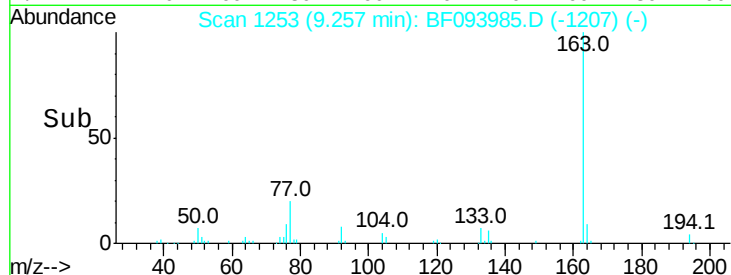
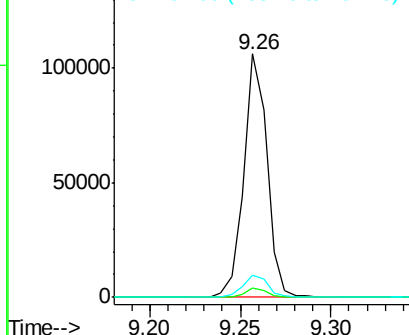
#49
Dimethylphthalate
Concen: 4.42 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF093985.D
Acq: 28 Mar 2017 11:09

Instrument :
BNA_F
ClientSampled :
S-3

Tot Ion:163 Resp: 94517
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.3 8.4 12.6

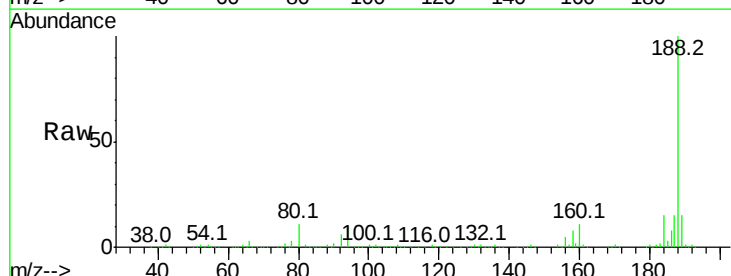


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

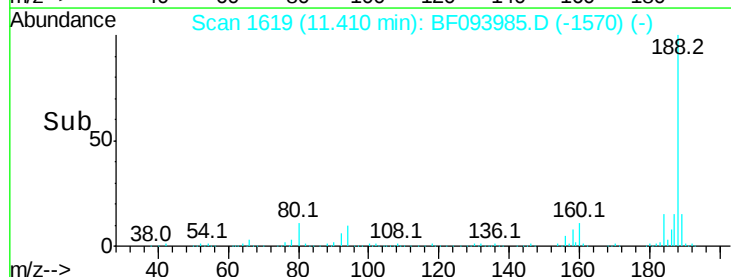
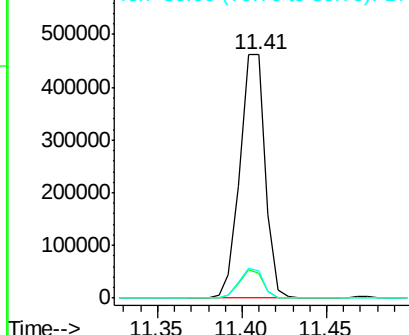


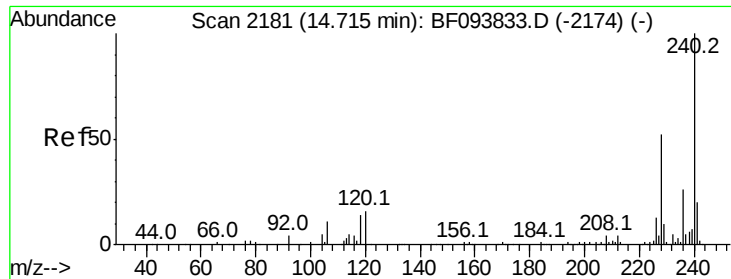
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093985.D
Acq: 28 Mar 2017 11:09

Tgt Ion:188 Resp: 482204
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.0 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: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF093985.D

Acq: 28 Mar 2017 11:09

Instrument :

BNA_F

ClientSampleId :

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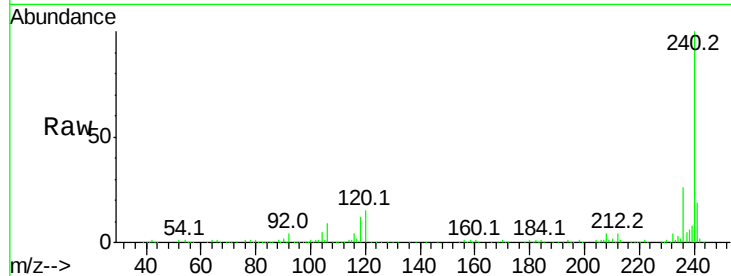
Tot Ion:240 Resp: 307283

Ion Ratio Lower Upper

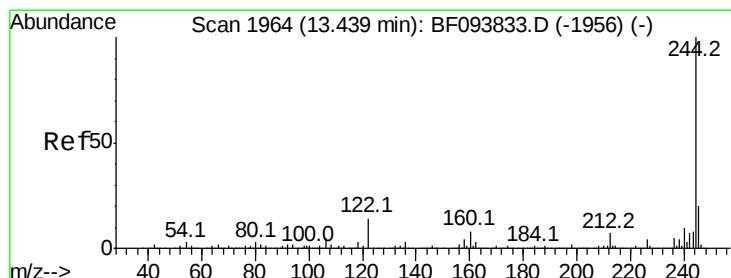
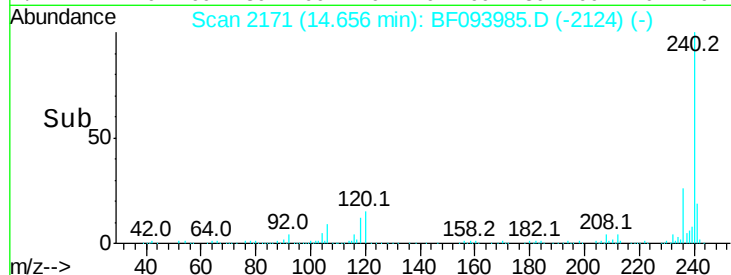
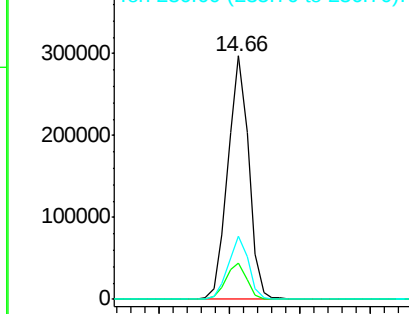
240 100

120 14.6 5.8 8.8#

236 25.8 20.5 30.7



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: 66.33 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093985.D

Acq: 28 Mar 2017 11:09

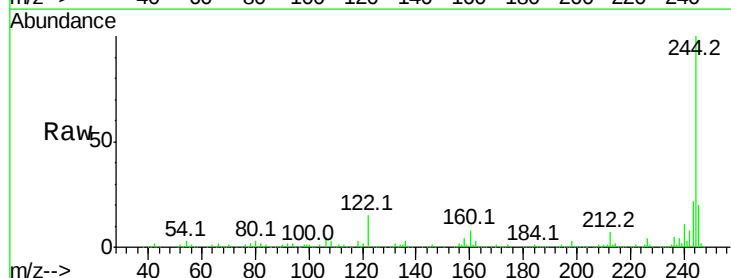
Tgt Ion:244 Resp: 909367

Ion Ratio Lower Upper

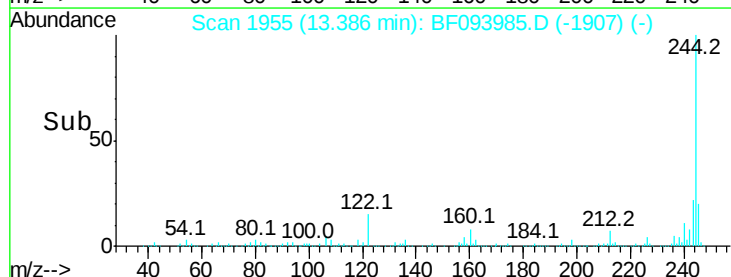
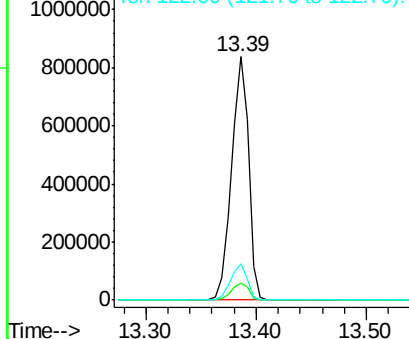
244 100

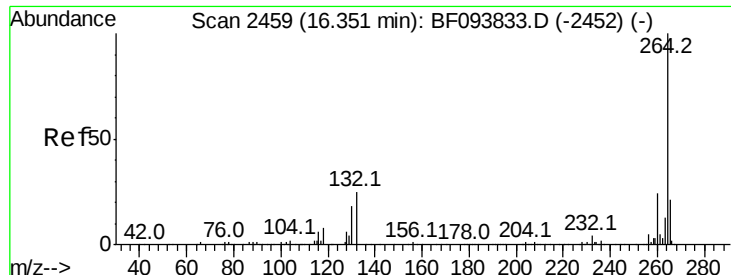
212 7.1 6.0 9.0

122 14.7 10.3 15.5



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

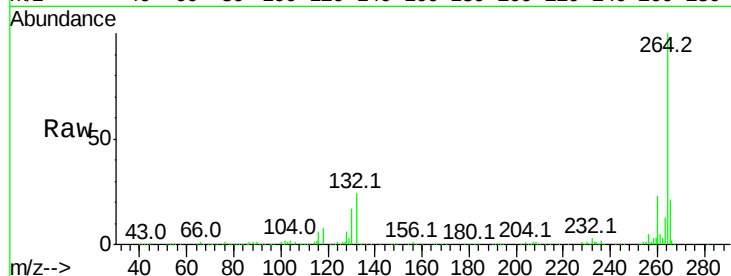




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093985.D
Acq: 28 Mar 2017 11:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	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

