

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093995.D
 Acq On : 28 Mar 2017 16:27
 Operator : SJ/MA
 Sample : I2362-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0662

Quant Time: Mar 29 03:27:03 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	169231	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	665805	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	331406	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	493964	20.00	ng	-0.01
75) Chrysene-d12	14.65	240	351502	20.00	ng	-0.03
86) Perylene-d12	16.28	264	286424	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	688258	68.69	ng	-0.02
7) Phenol-d6	5.54	99	645943	52.11	ng	-0.01
23) Nitrobenzene-d5	6.58	82	1018501	87.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	336551	128.51	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	1628591	74.95	ng	-0.02
78) Terphenyl-d14	13.39	244	1257772	80.21	ng	-0.02

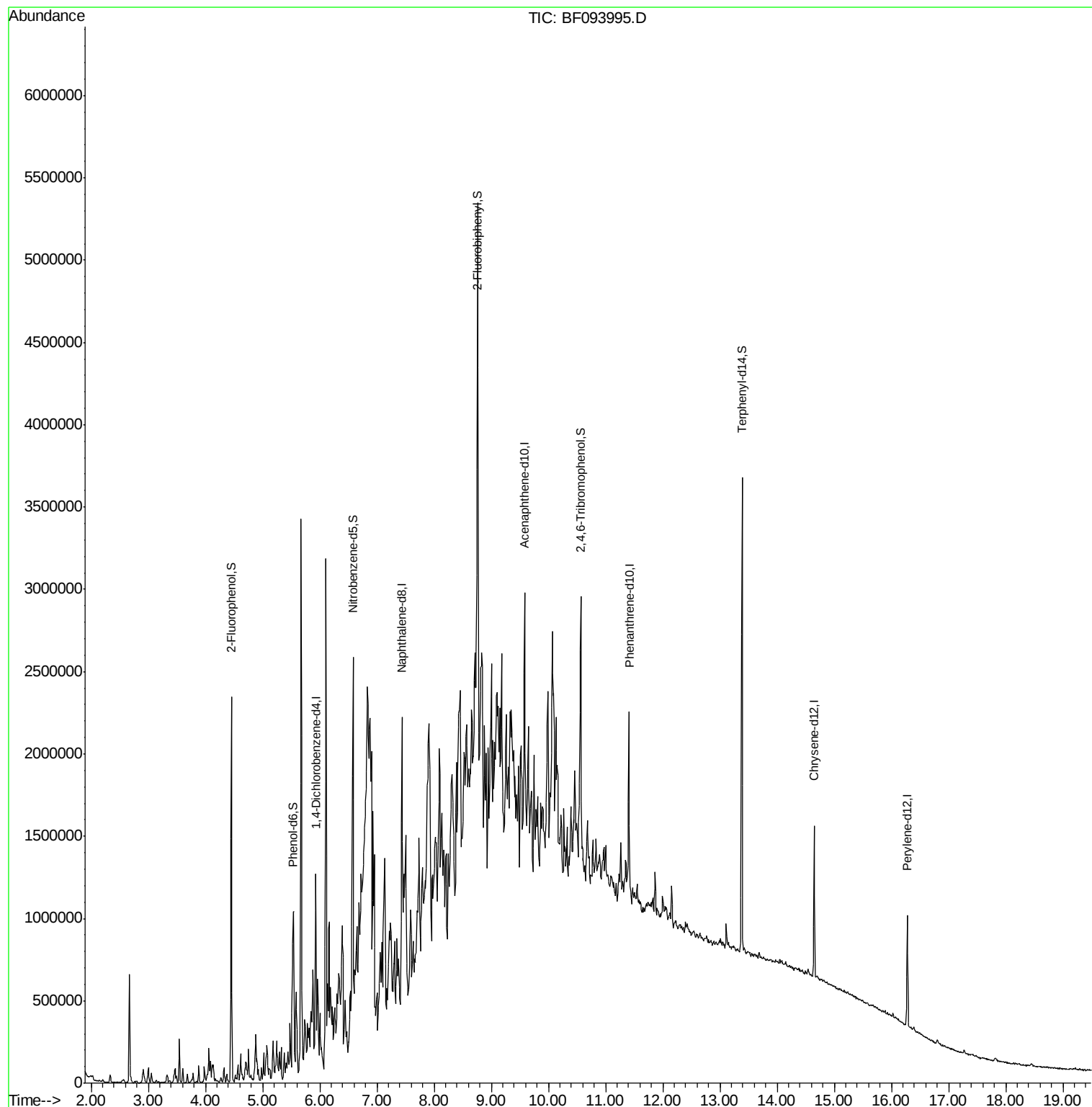
Target Compounds Qvalue

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

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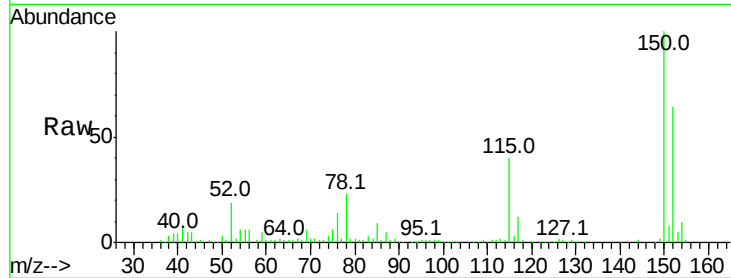


#1

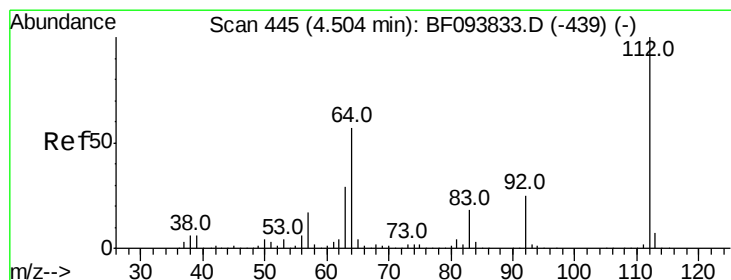
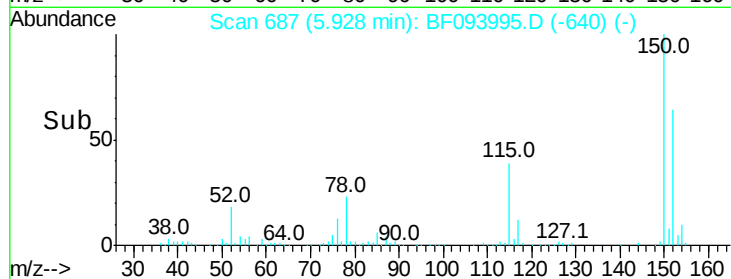
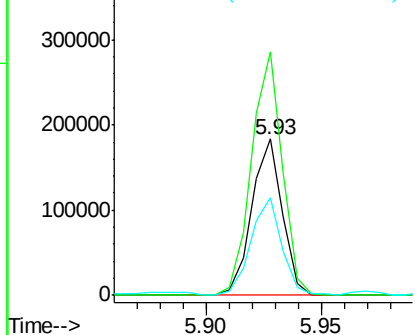
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Instrument :
BNA_F
ClientSampleId :
S8-0662

Tot Ion:152 Resp: 169231
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 62.0 52.2 78.2



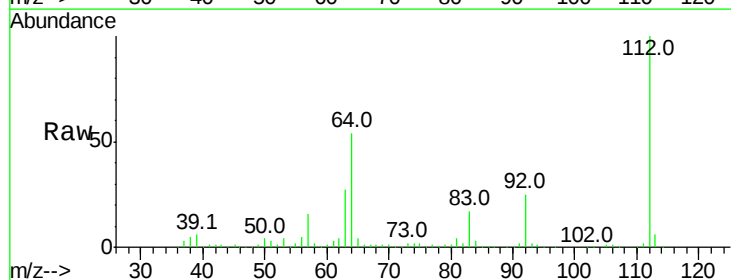
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



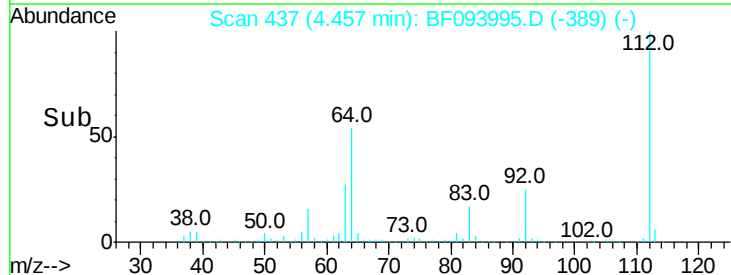
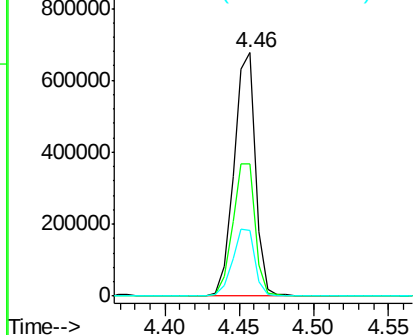
#5

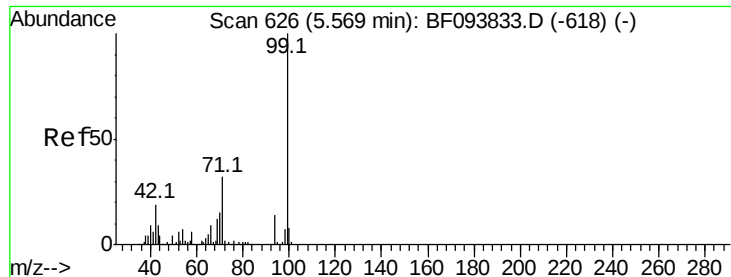
2-Fluorophenol
Concen: 68.69 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion:112 Resp: 688258
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 27.1 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: 52.11 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Instrument :

BNA_F

ClientSampleId :

S8-0662

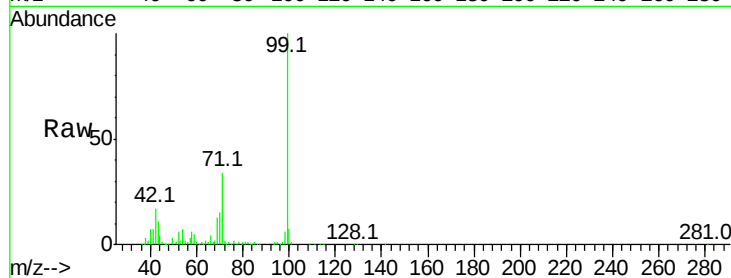
Tot Ion: 99 Resp: 645943

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

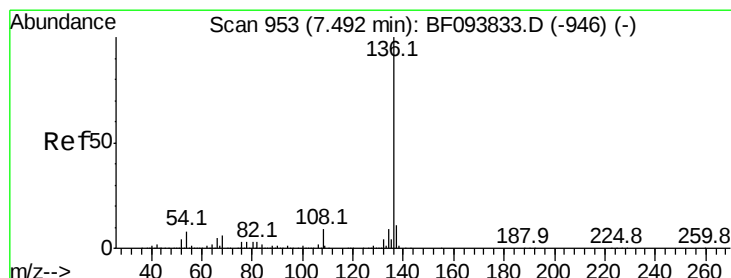
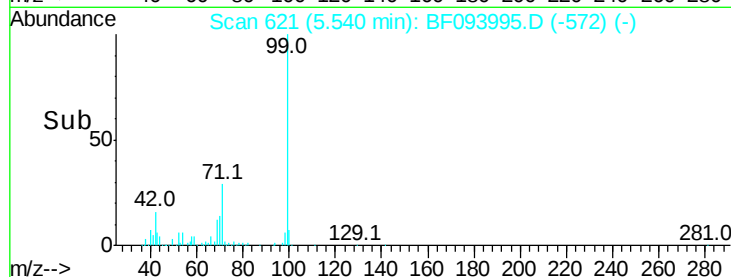
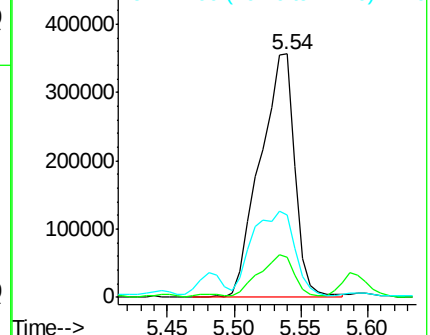
71 33.6 24.5 36.7



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: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Tgt Ion: 136 Resp: 665805

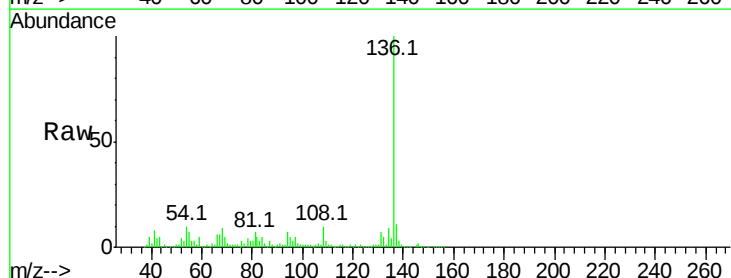
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 4.9 7.3#

68 8.6 4.1 6.1#

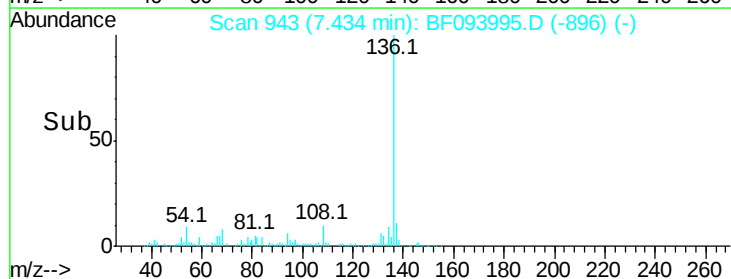
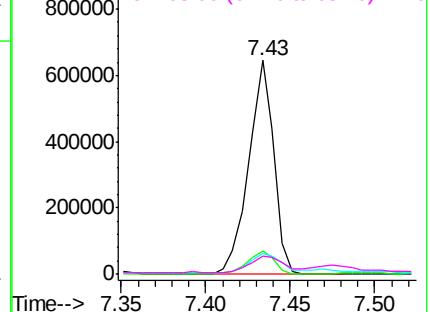


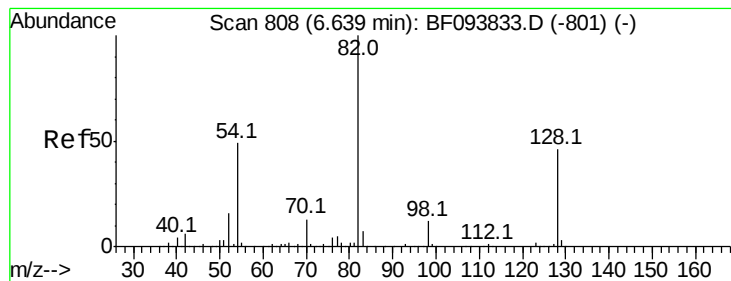
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.30 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Instrument :

BNA_F

ClientSampleId :

S8-0662

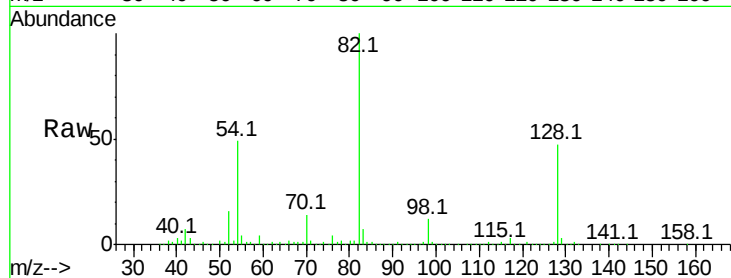
Tot Ion: 82 Resp: 1018501

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

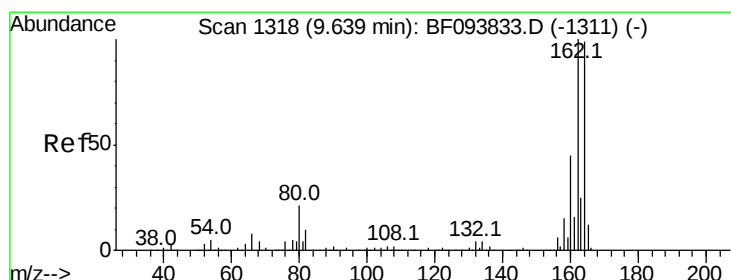
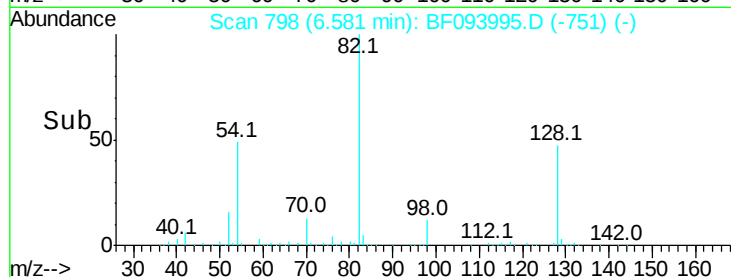
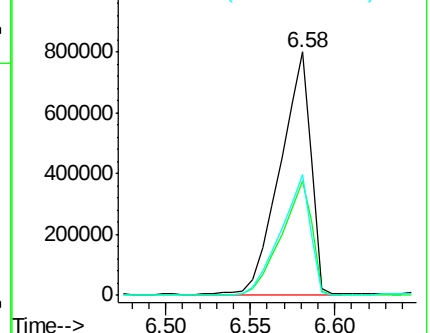
54 49.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

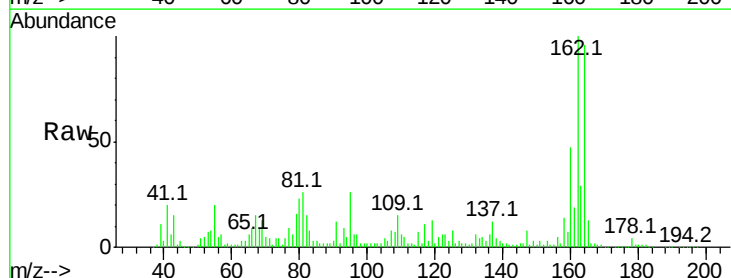
Tgt Ion:164 Resp: 331406

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

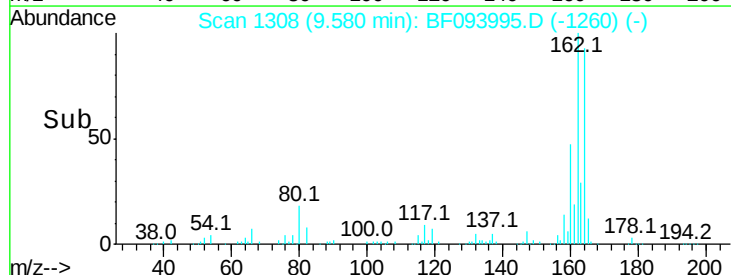
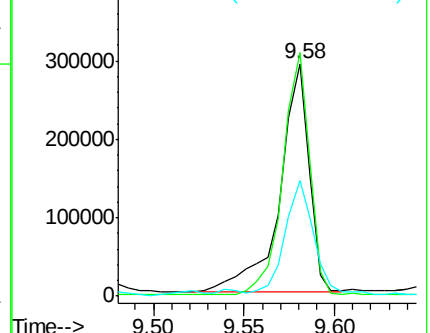
160 49.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

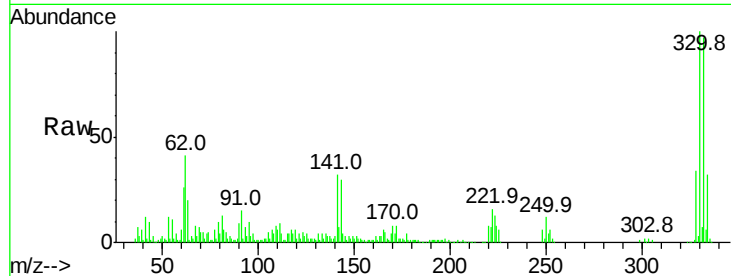




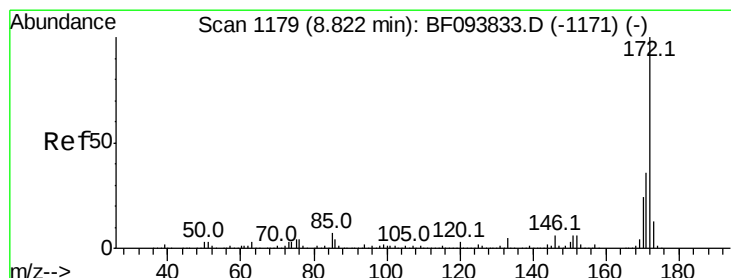
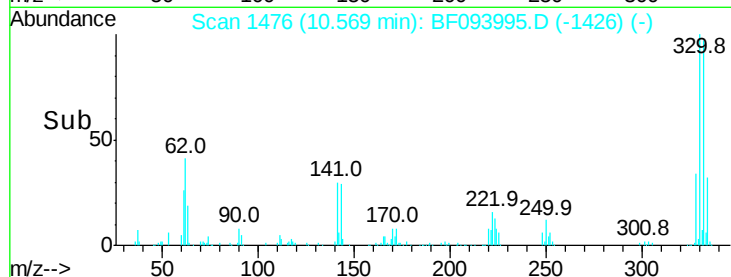
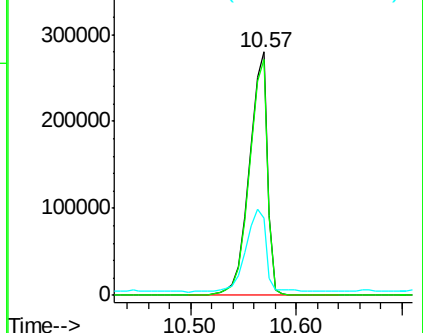
#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093995.D
 Acq: 28 Mar 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 S8-0662

Tot Ion:330 Resp: 336551
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 37.8 31.4 47.2

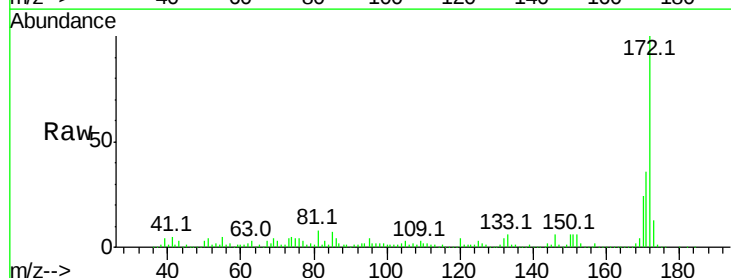


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

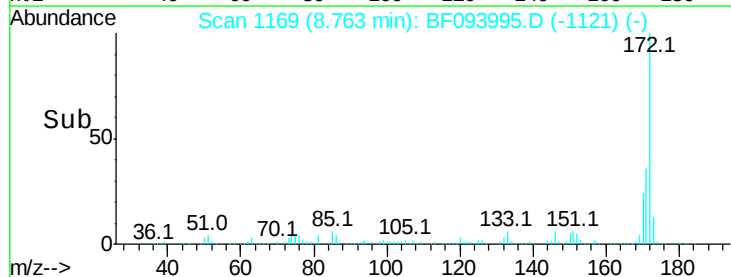
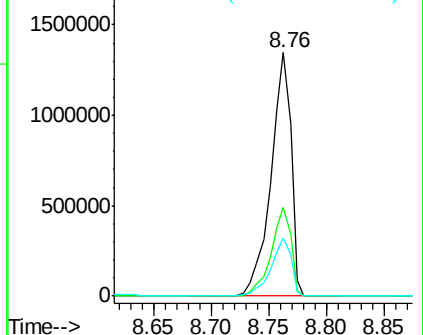


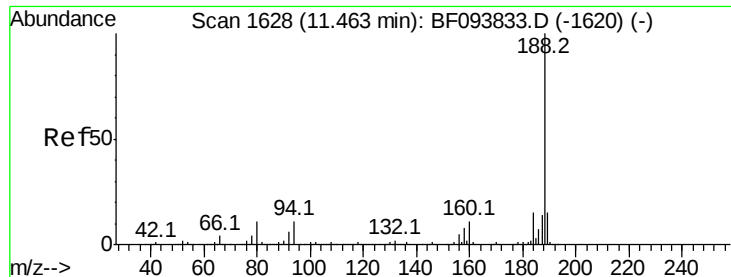
#44
 2-Fluorobiphenyl
 Concen: 74.95 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF093995.D
 Acq: 28 Mar 2017 16:27

Tgt Ion:172 Resp: 1628591
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8



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

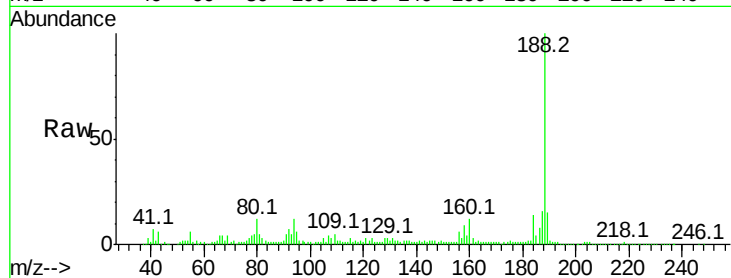




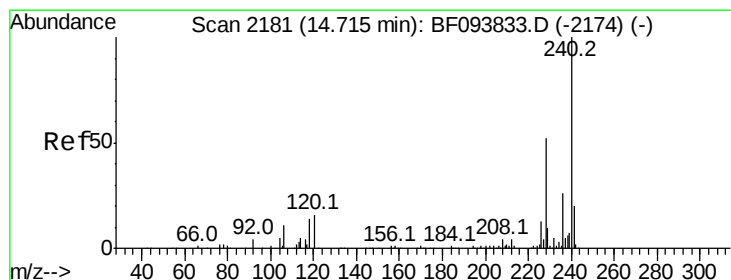
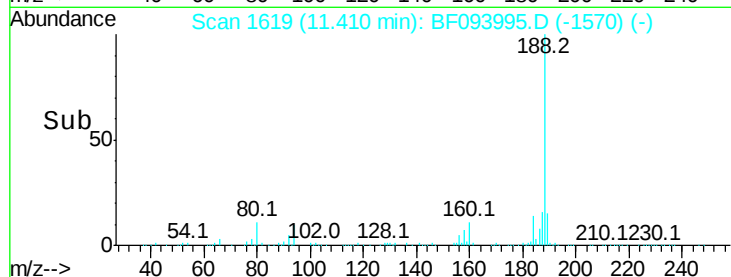
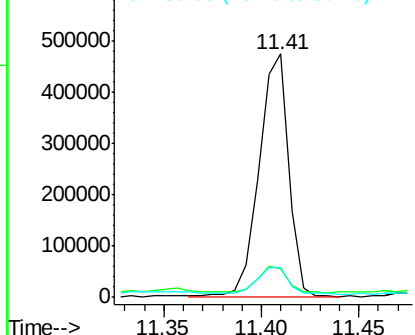
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Instrument :
BNA_F
ClientSampleId :
S8-0662

Tot Ion:188 Resp: 493964
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.2 10.2 15.2

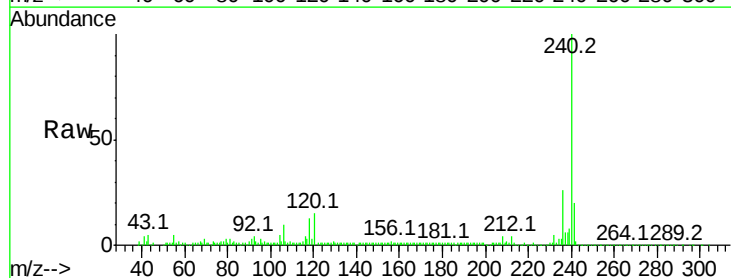


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

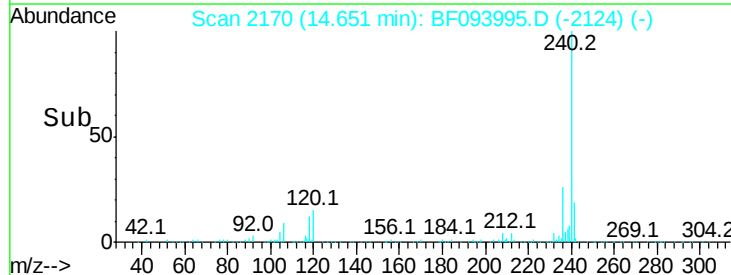
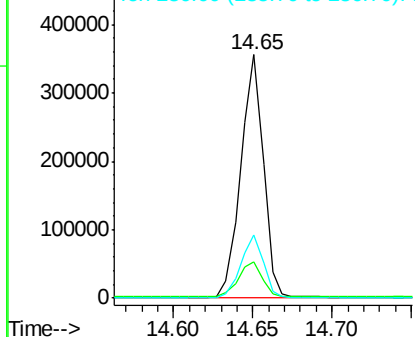


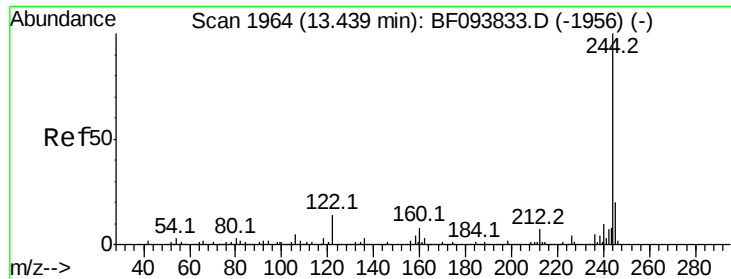
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF093995.D
Acq: 28 Mar 2017 16:27

Tgt Ion:240 Resp: 351502
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 26.1 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: 80.21 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

Instrument :

BNA_F

ClientSampleId :

S8-0662

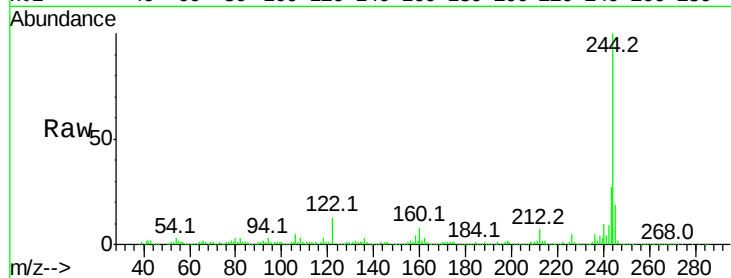
Tot Ion:244 Resp: 1257772

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

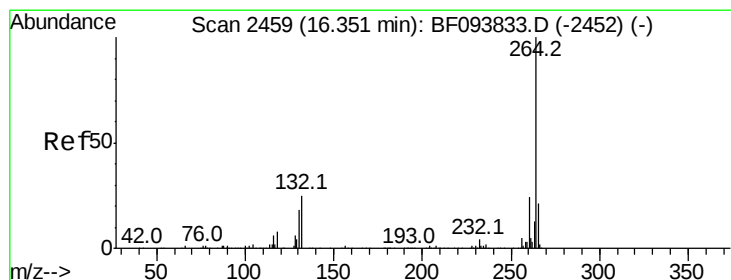
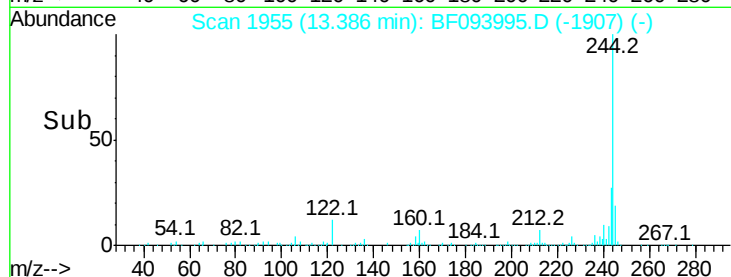
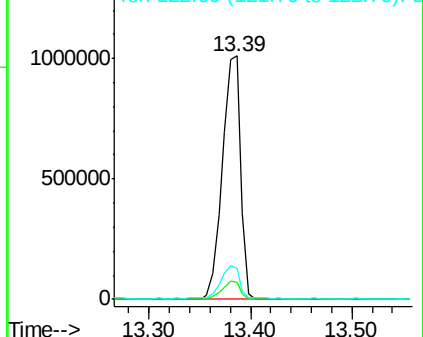
122 12.5 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.28 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BF093995.D

Acq: 28 Mar 2017 16:27

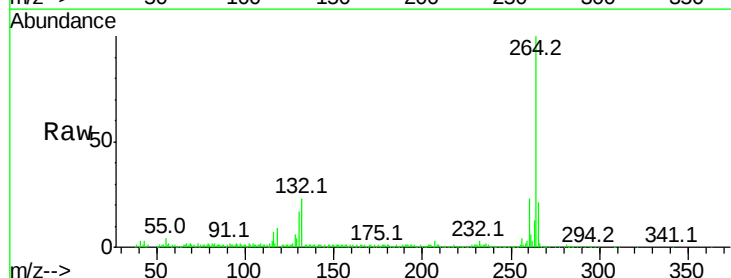
Tgt Ion:264 Resp: 286424

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.2 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

