

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094022.D
 Acq On : 29 Mar 2017 16:59
 Operator : SJ/MA
 Sample : PB97900BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Quant Time: Mar 30 03:41:54 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	5.92	152	160933	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	654400	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	307594	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	564267	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	497665	20.00	ng	-0.04
86) Perylene-d12	16.27	264	384394	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1108917	116.38	ng	-0.02
7) Phenol-d6	5.52	99	1364988	115.80	ng	-0.03
23) Nitrobenzene-d5	6.56	82	845664	73.75	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	313295	128.89	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1597558	79.22	ng	-0.04
78) Terphenyl-d14	13.37	244	1455487	65.56	ng	-0.04

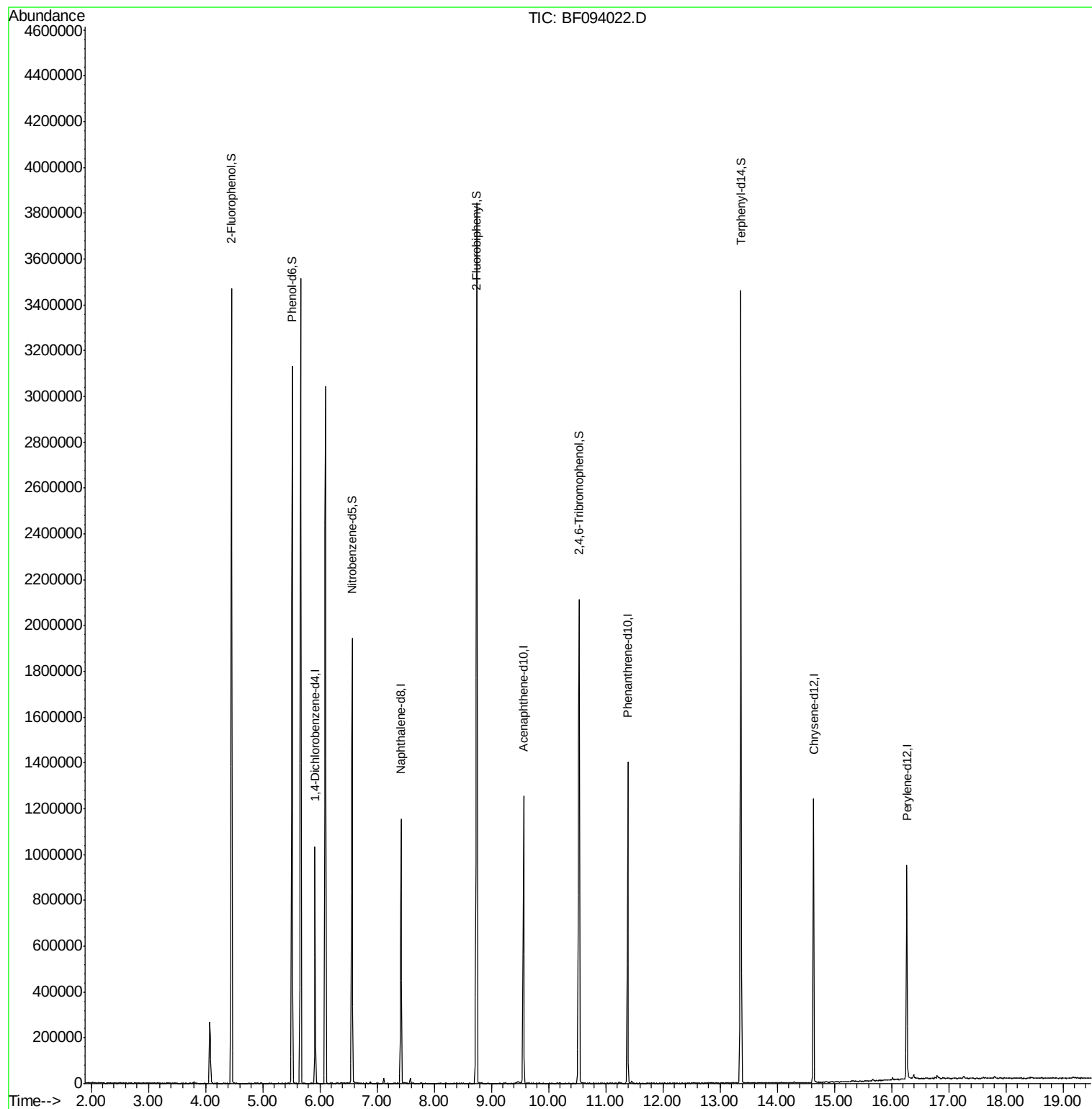
Target Compounds Qvalue

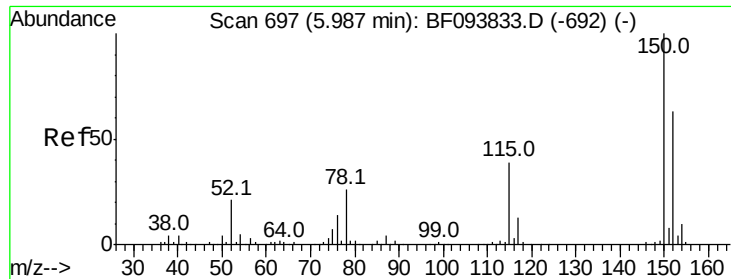
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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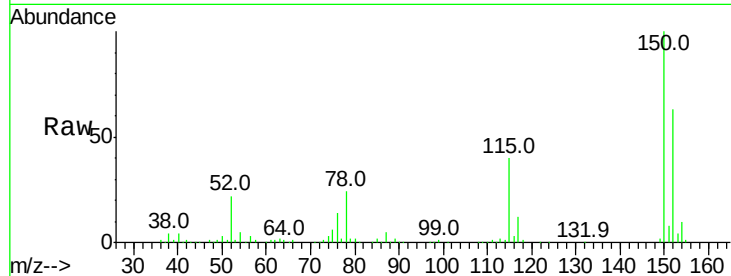


#1

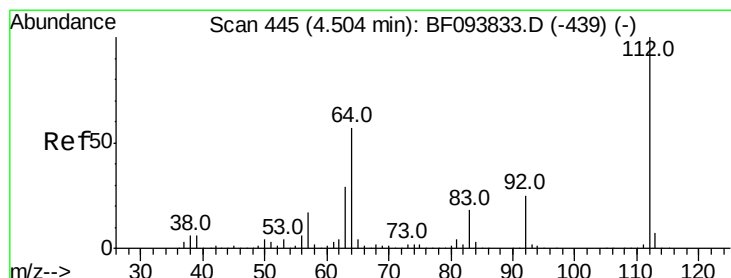
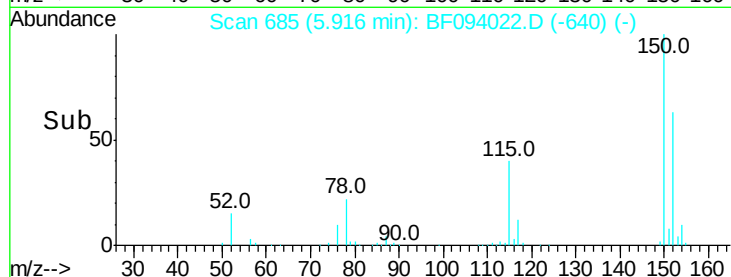
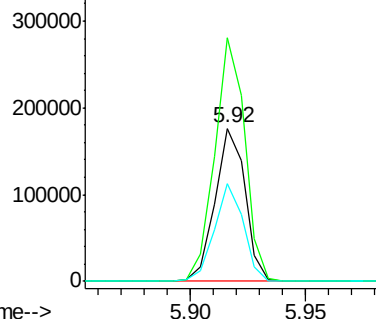
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094022.D
Acq: 29 Mar 2017 16:59

Instrument :
BNA_F
ClientSampleId :
PB97900BL

Tot Ion:152 Resp: 160933
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 64.2 52.2 78.2



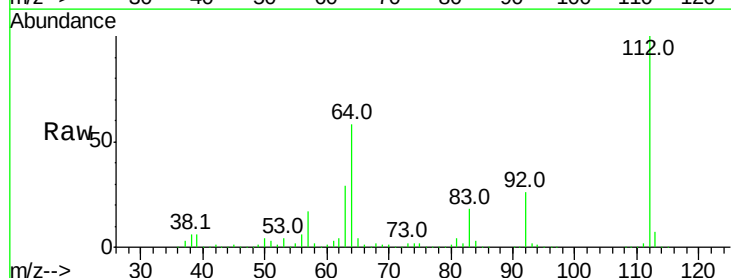
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



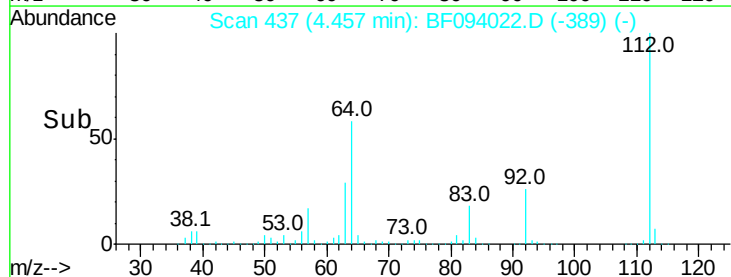
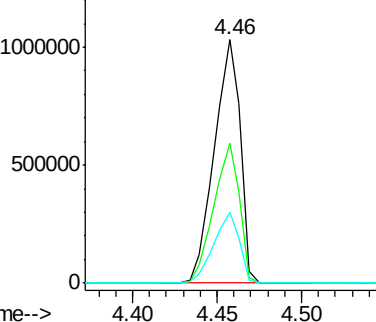
#5

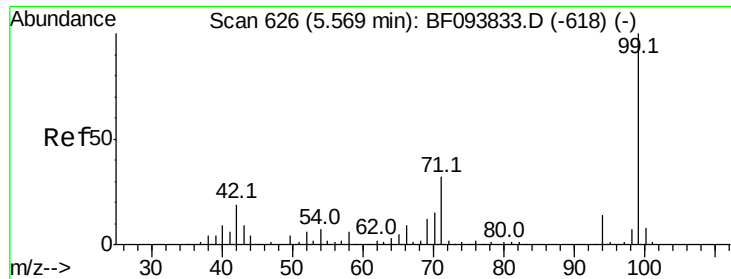
2-Fluorophenol
Concen: 116.38 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094022.D
Acq: 29 Mar 2017 16:59

Tgt Ion:112 Resp: 1108917
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.9 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: 115.80 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Instrument :

BNA_F

ClientSampleId :

PB97900BL

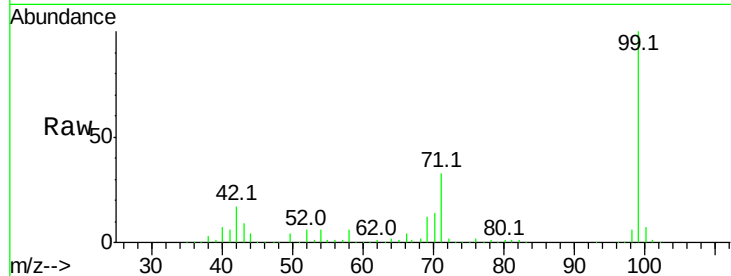
Tot Ion: 99 Resp: 1364988

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.2	24.5	36.7

99 100

42 17.4 13.5 20.3

71 33.2 24.5 36.7

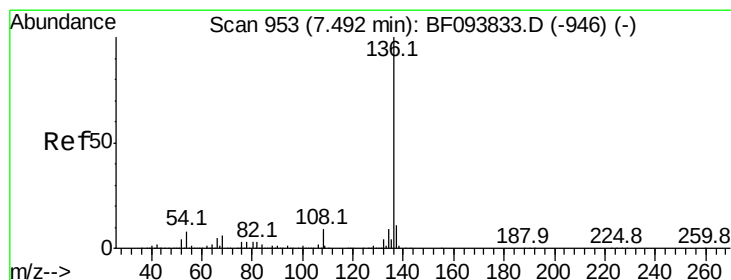
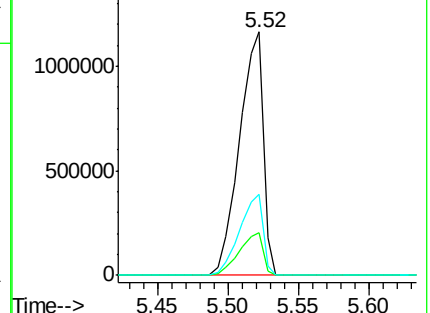
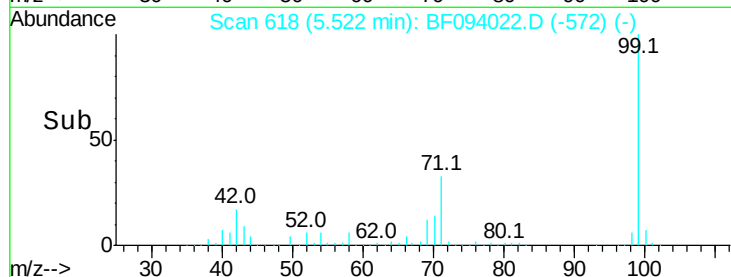


Abundance

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: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Tgt Ion: 136 Resp: 654400

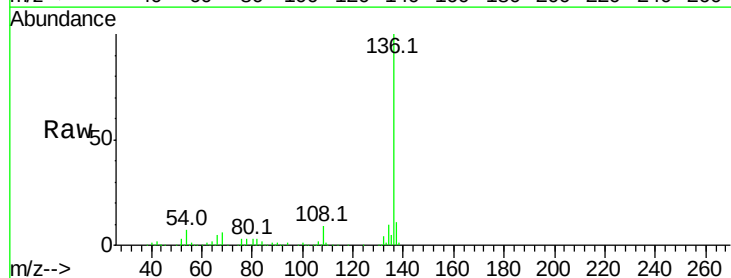
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.6	4.9	7.3
68	5.5	4.1	6.1

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1



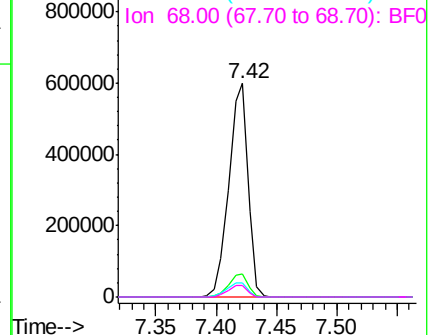
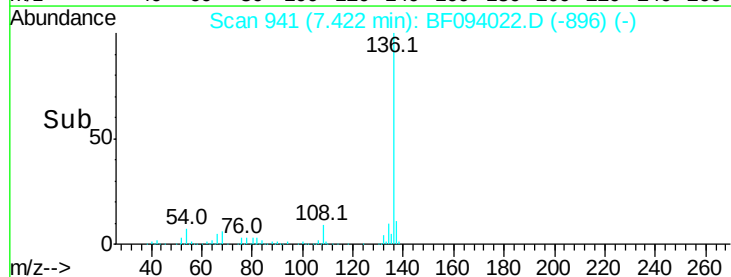
Abundance

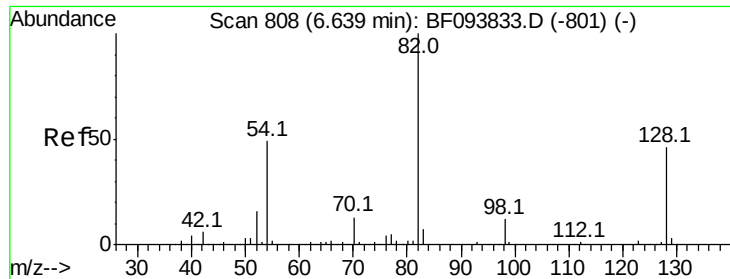
Ion 136.00 (135.70 to 136.70): E

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

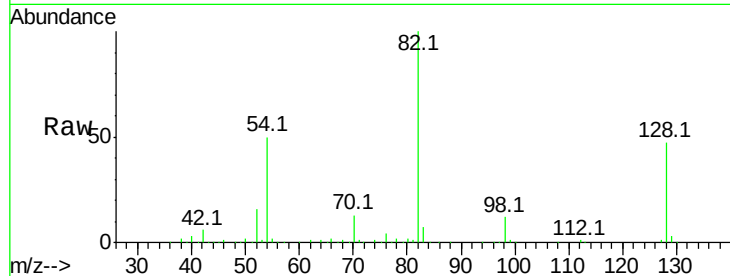




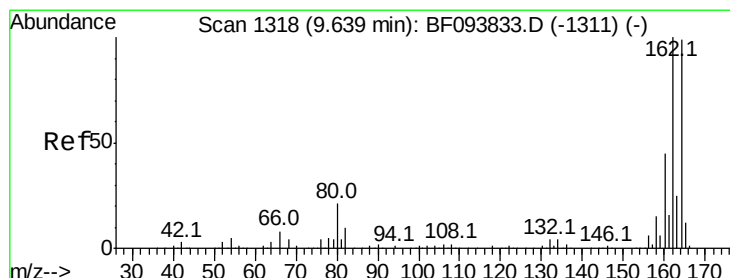
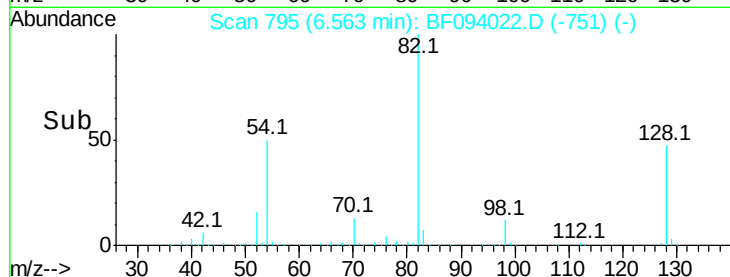
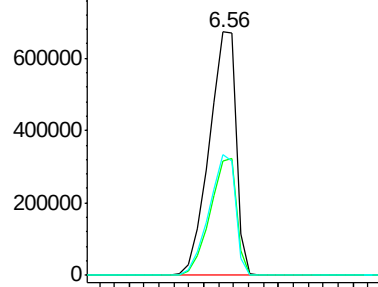
#23
 Nitrobenzene-d5
 Concen: 73.75 ng
 RT: 6.56 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

Tot Ion	82	Resp	845664
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.0	51.0
54	49.7	42.2	63.2

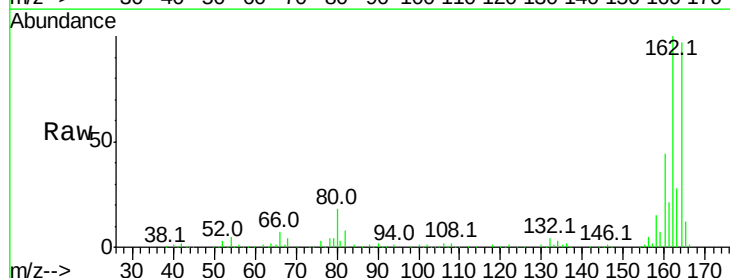


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

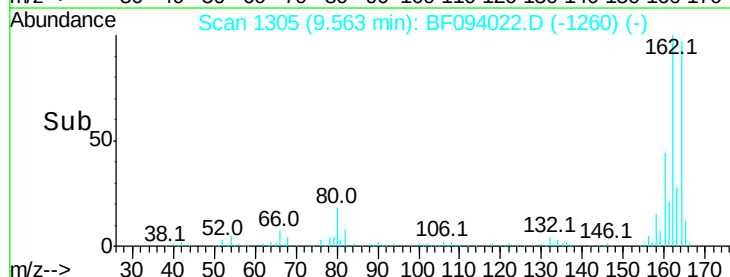
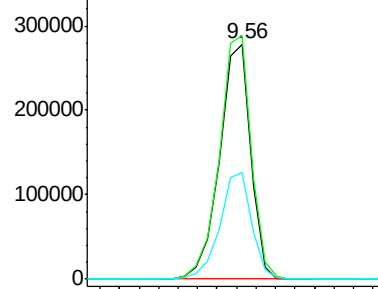


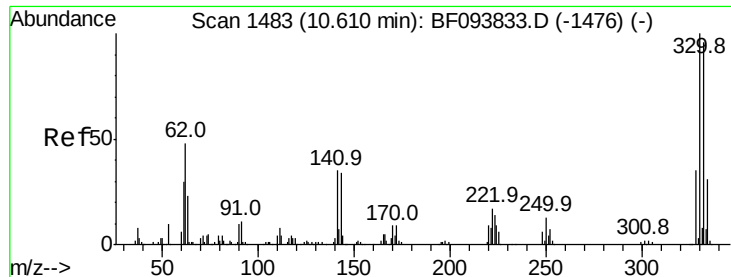
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Tgt Ion	164	Resp	307594
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.6	123.8
160	45.1	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

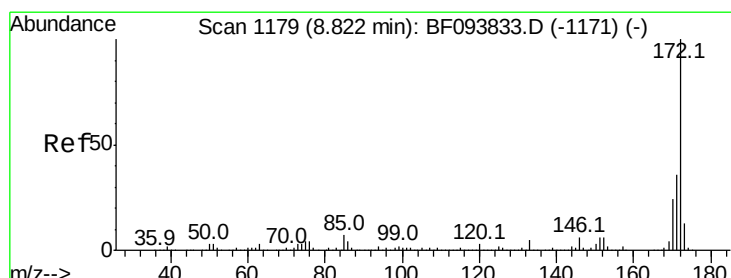
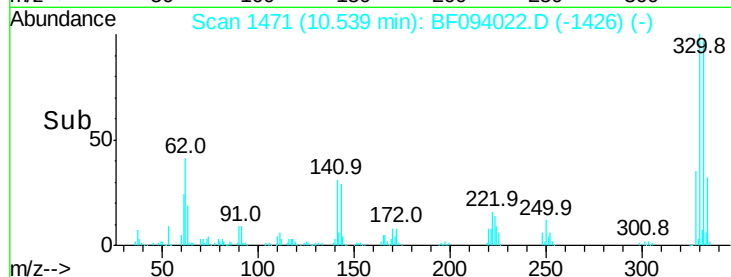
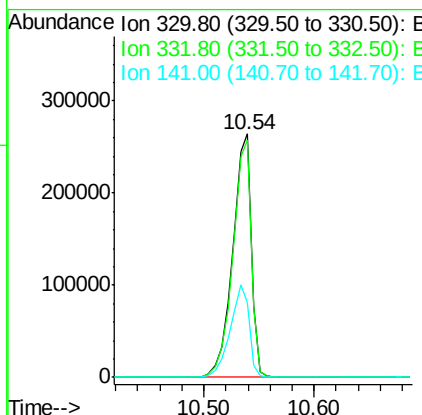
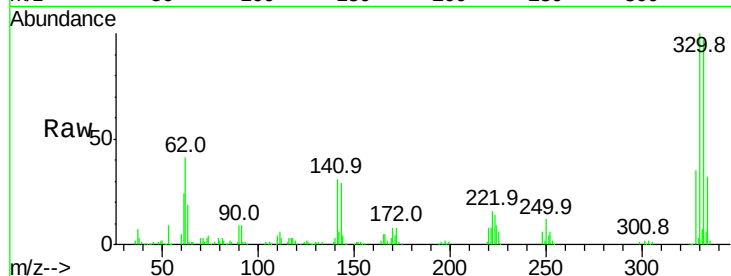




#41
 2,4,6-Tribromophenol
 Concen: 128.89 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

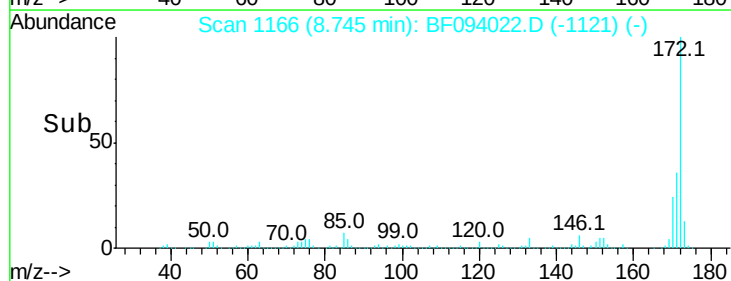
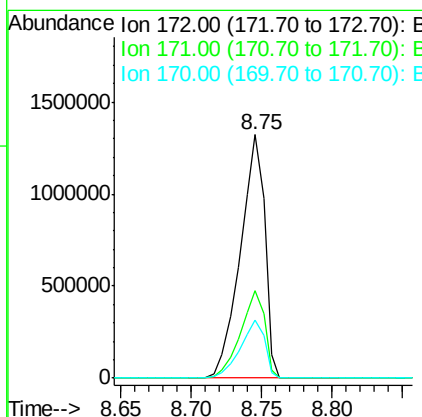
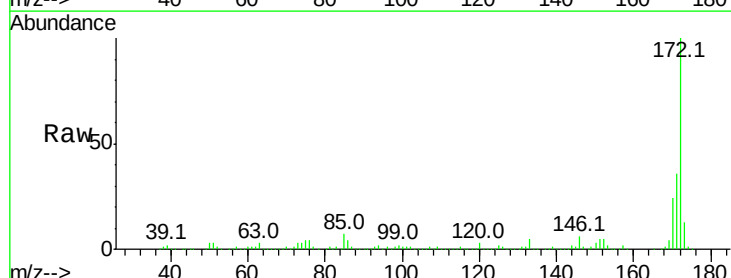
Instrument :
 BNA_F
 ClientSampleId :
 PB97900BL

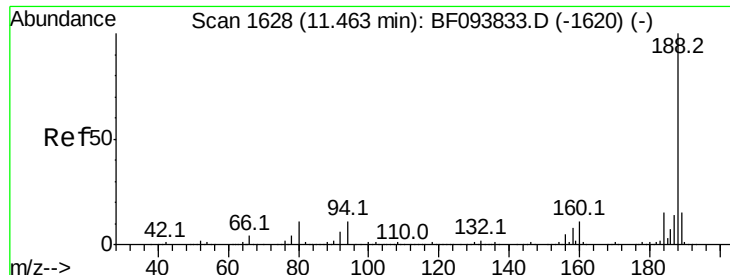
Tot Ion:330 Resp: 313295
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094022.D
 Acq: 29 Mar 2017 16:59

Tgt Ion:172 Resp: 1597558
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.0 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Instrument :

BNA_F

ClientSampleId :

PB97900BL

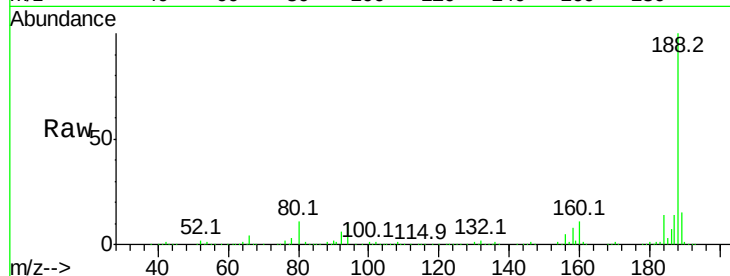
Tot Ion:188 Resp: 564267

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

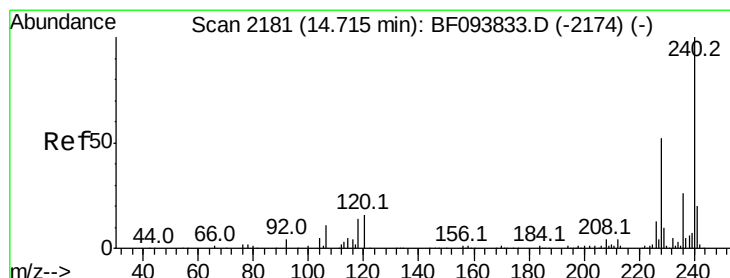
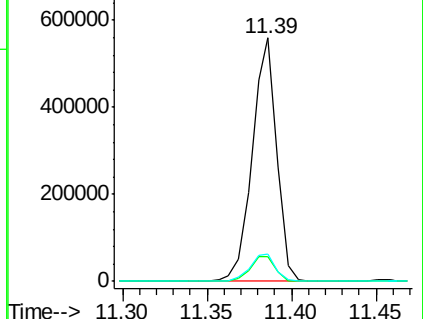
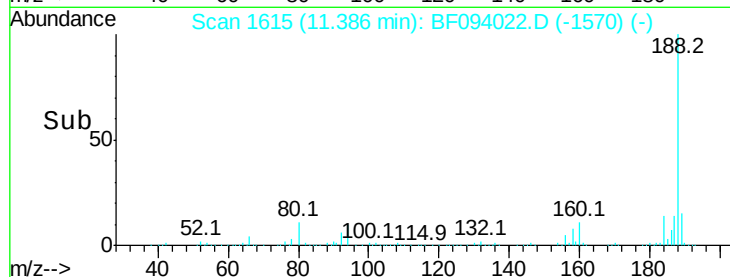
80 11.1 10.2 15.2



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: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

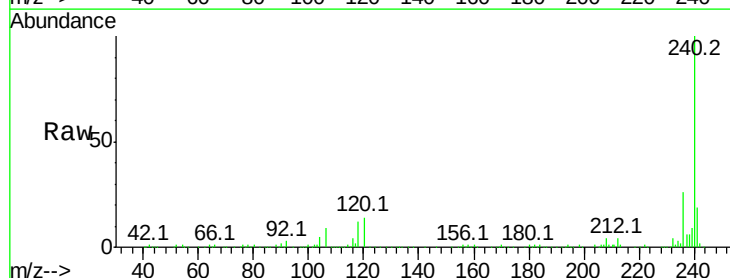
Tgt Ion:240 Resp: 497665

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

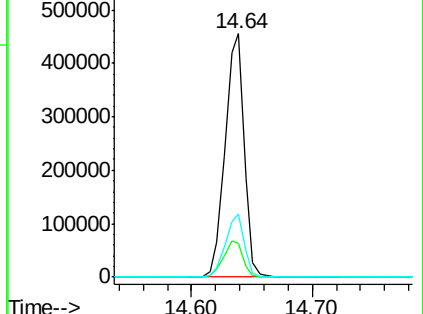
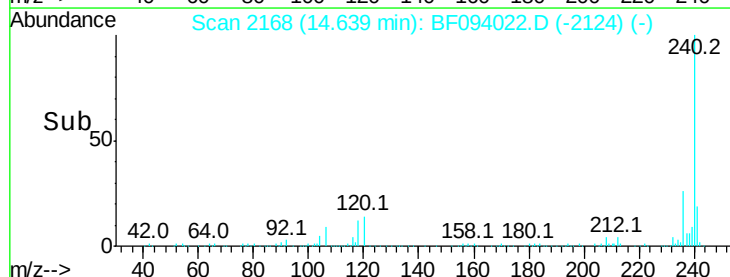
236 26.2 20.5 30.7

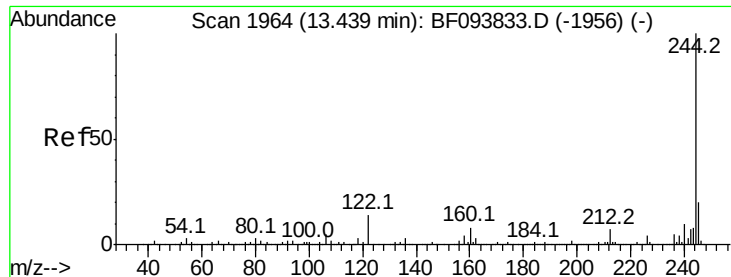


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.56 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

Instrument :

BNA_F

ClientSampleId :

PB97900BL

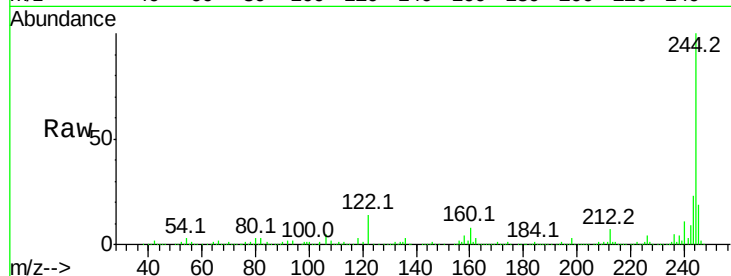
Tot Ion:244 Resp: 1455487

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

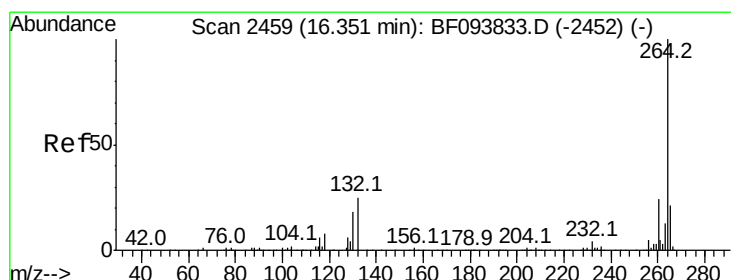
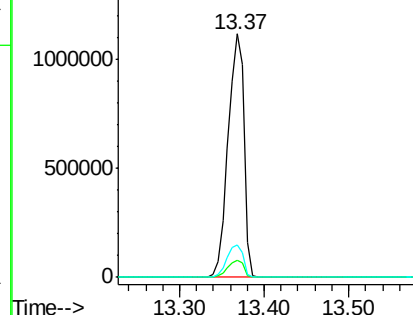
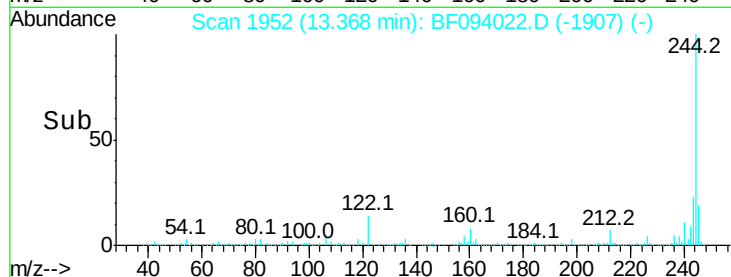
122 13.6 10.3 15.5



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: 16.27 min Scan# 2445

Delta R.T. -0.04 min

Lab File: BF094022.D

Acq: 29 Mar 2017 16:59

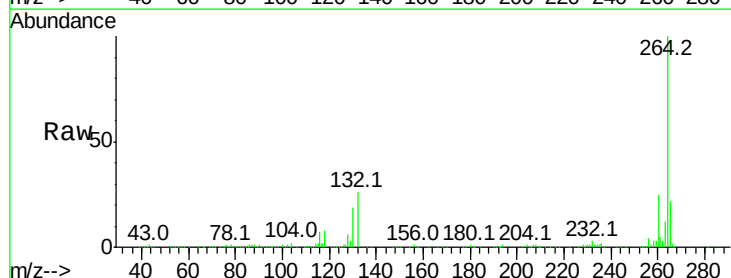
Tgt Ion:264 Resp: 384394

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.0 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

