

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095849.D
 Acq On : 10 Jun 2017 15:54
 Operator : SJ/MA
 Sample : PB99662BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BL

Quant Time: Jun 12 04:22:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	56981	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	236353	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	110437	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	213541	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	198021	20.00	ng	-0.02
86) Perylene-d12	20.00	264	140071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	474384	132.66	ng	-0.02
7) Phenol-d6	6.93	99	558642	130.49	ng	-0.03
23) Nitrobenzene-d5	8.28	82	328891	86.42	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	99735	102.07	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	675948	85.17	ng	-0.04
78) Terphenyl-d14	16.99	244	664260	83.25	ng	-0.02

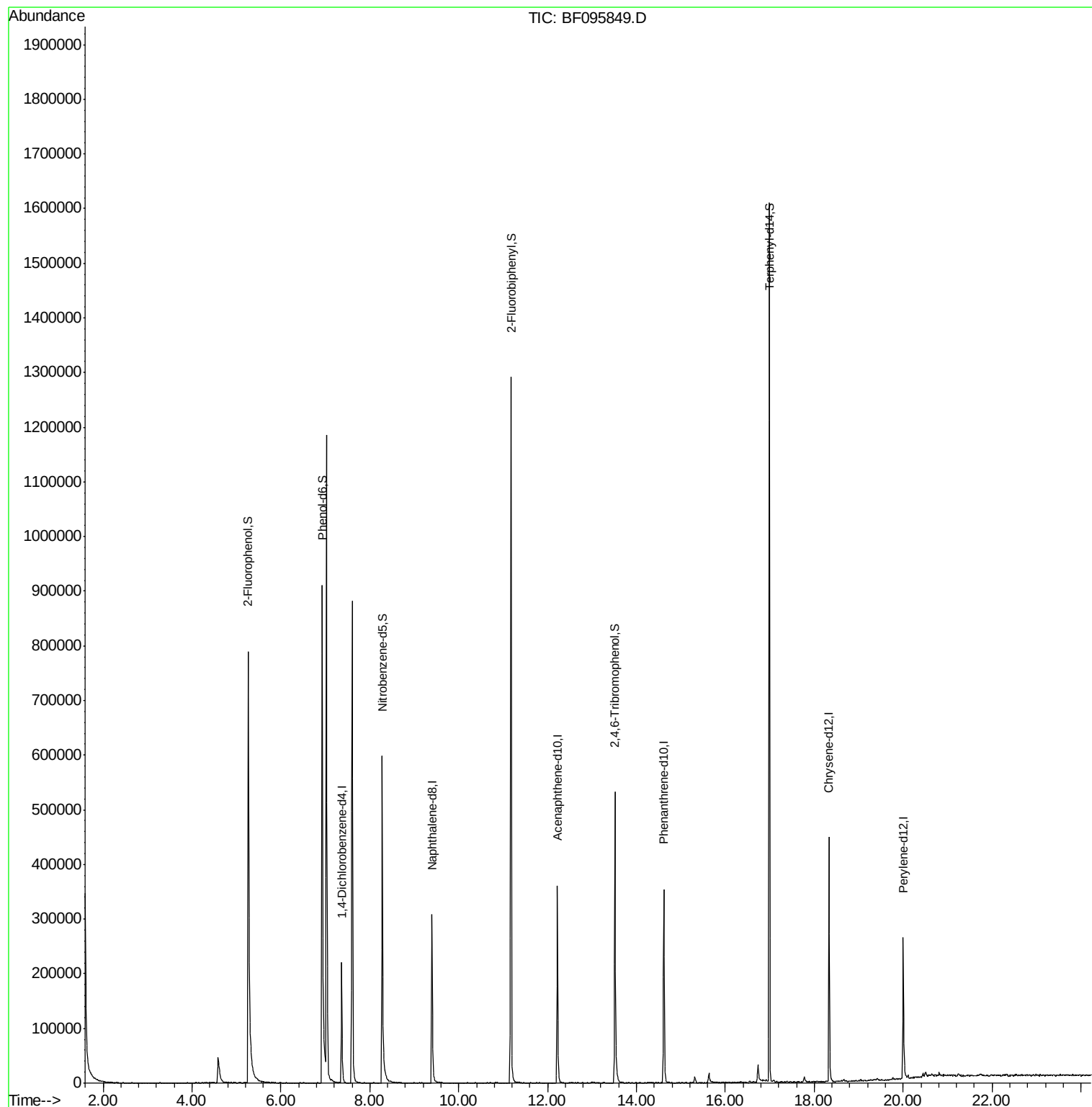
Target Compounds Qvalue

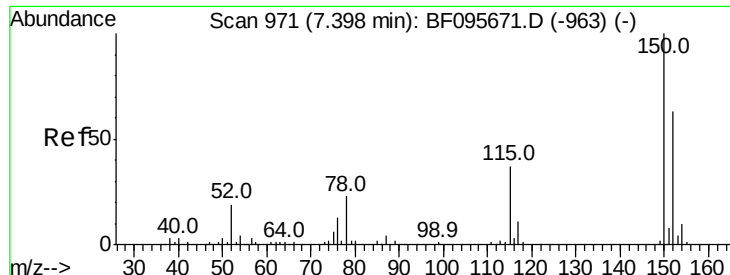
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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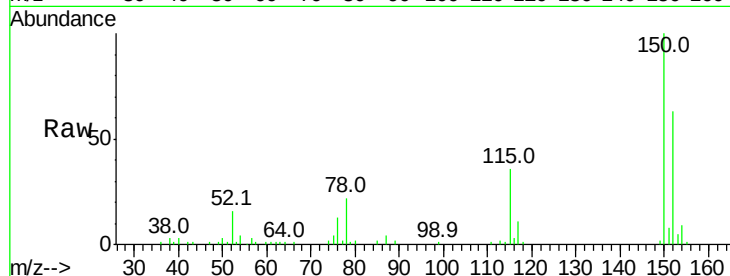


#1

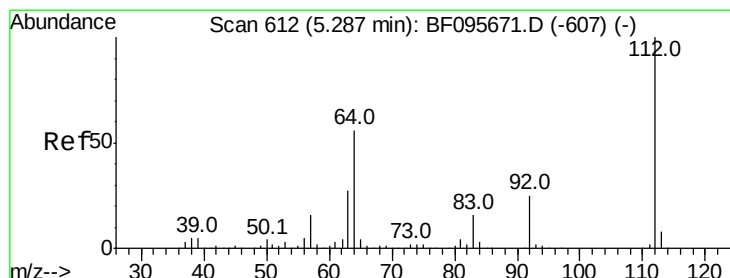
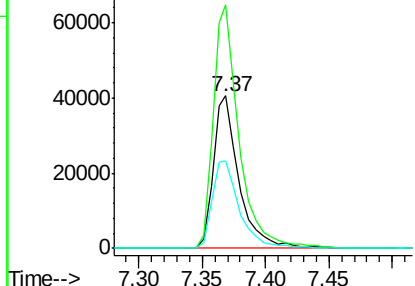
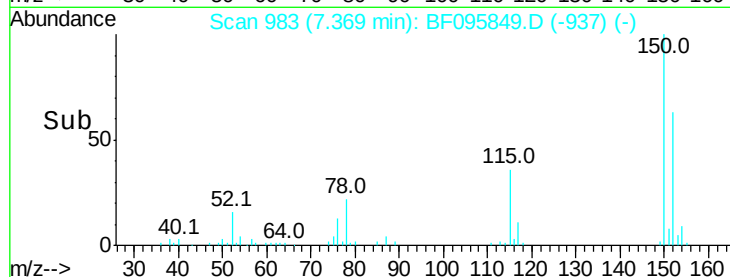
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.37 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF095849.D
 Acq: 10 Jun 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BL

Tot Ion:152 Resp: 56981
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.2 189.2
 115 57.0 52.2 78.2



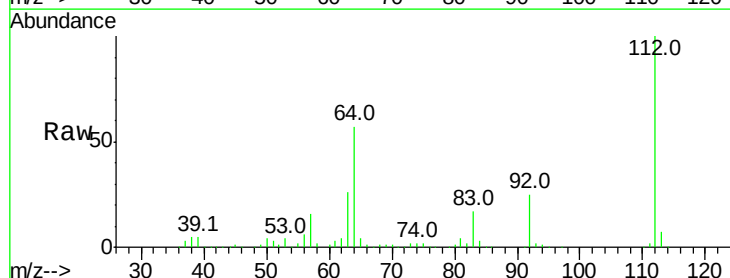
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



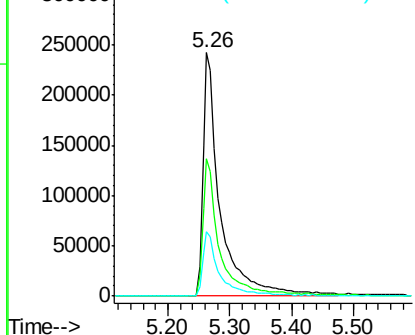
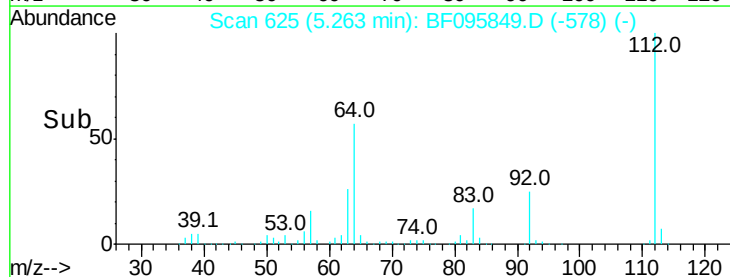
#5

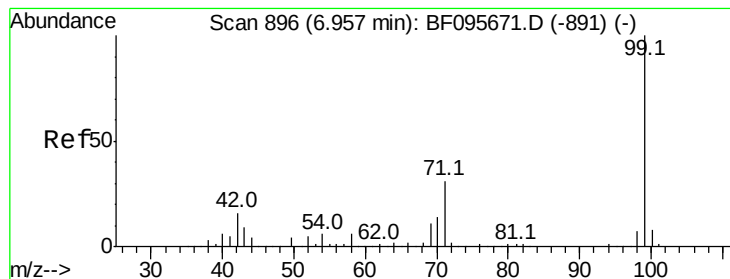
2-Fluorophenol
 Concen: 132.66 ng
 RT: 5.26 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF095849.D
 Acq: 10 Jun 2017 15:54

Tgt Ion:112 Resp: 474384
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.0 69.0
 63 26.5 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: 130.49 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

PB99662BL

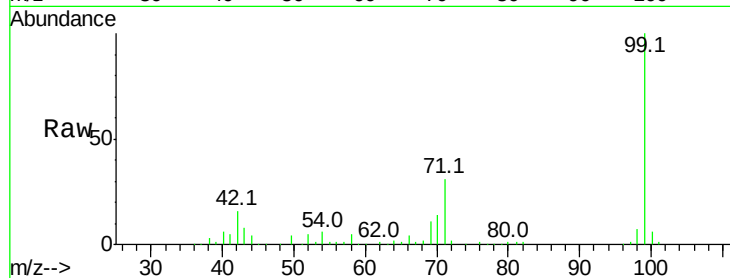
Tot Ion: 99 Resp: 558642

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

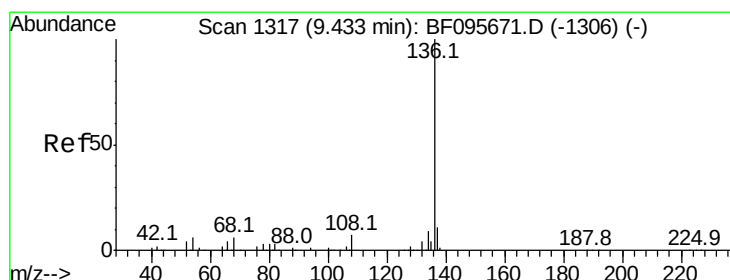
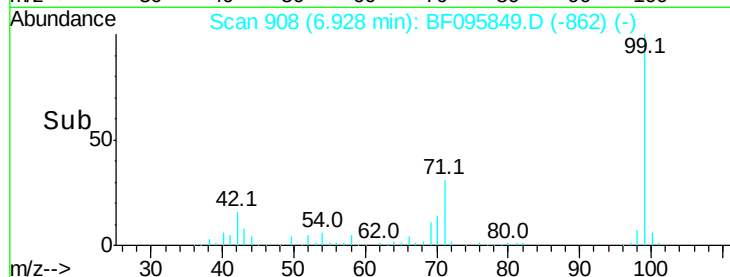
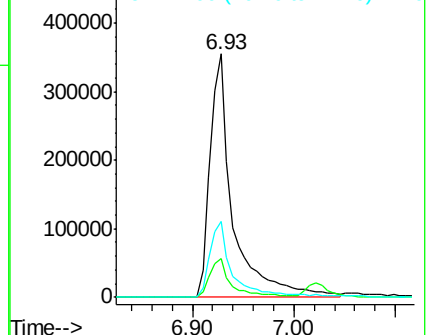
71 31.4 24.5 36.7



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: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Tgt Ion: 136 Resp: 236353

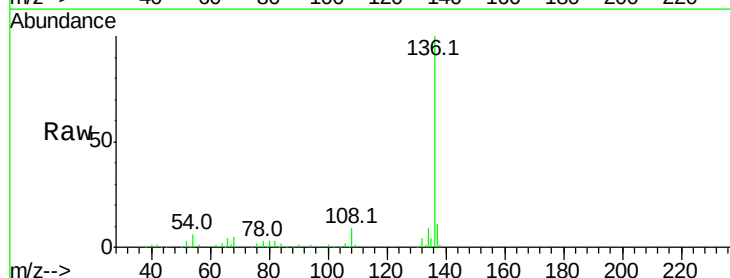
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.3 4.9 7.3

68 5.0 4.1 6.1

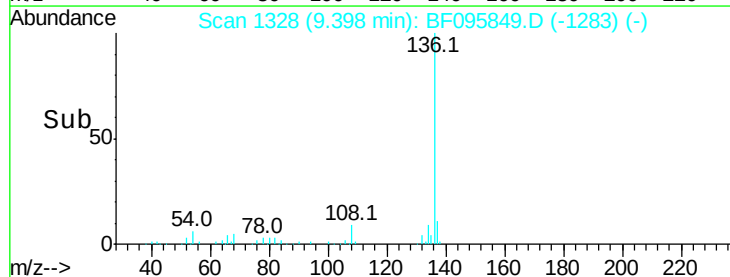
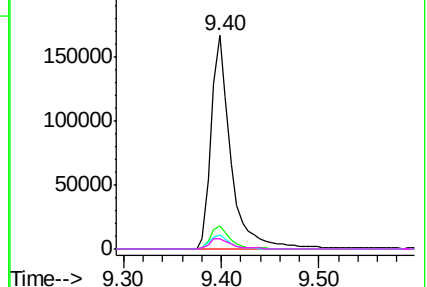


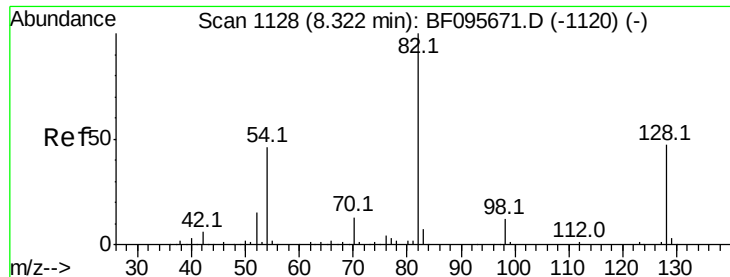
Abundance Ion 136.00 (135.70 to 136.70): E

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

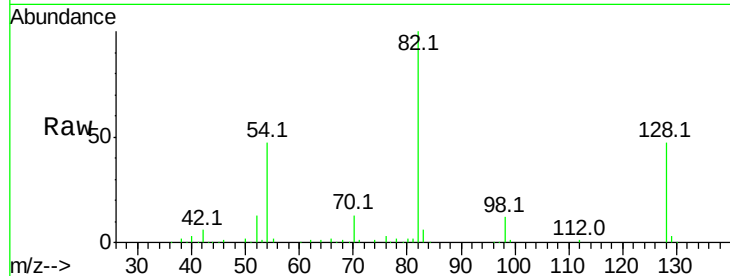




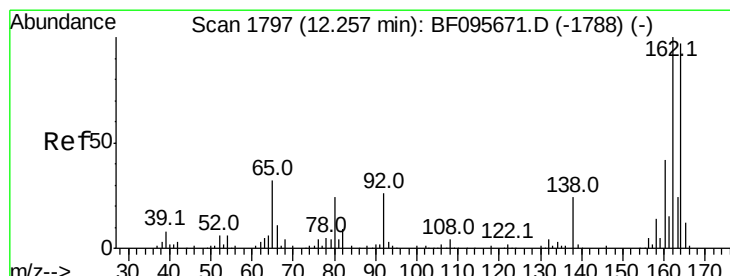
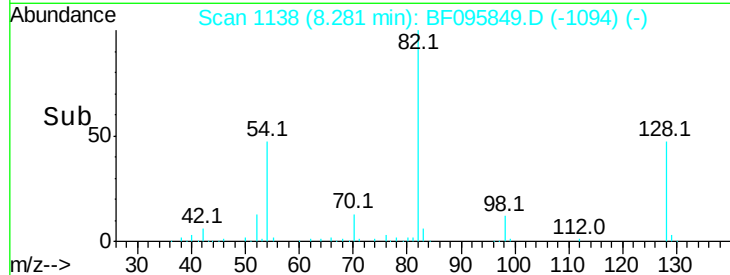
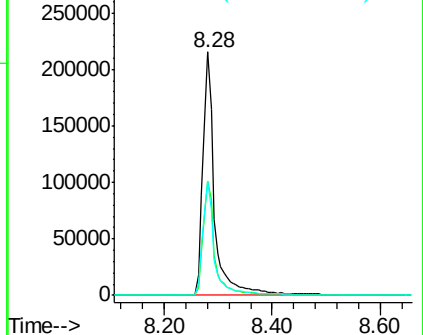
#23
 Nitrobenzene-d5
 Concen: 86.42 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF095849.D
 Acq: 10 Jun 2017 15:54

Instrument :
 BNA_F
 ClientSampleID :
 PB99662BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	47.0	42.2	63.2

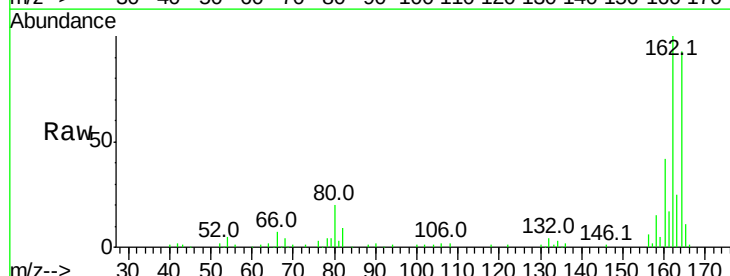


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

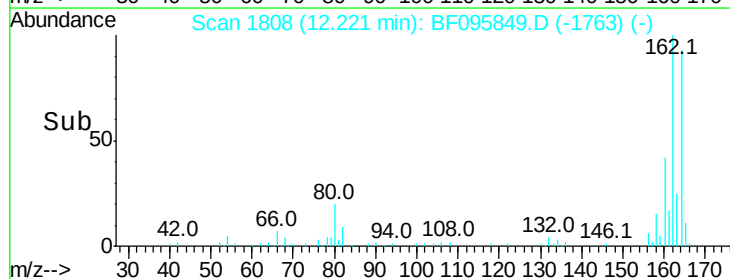
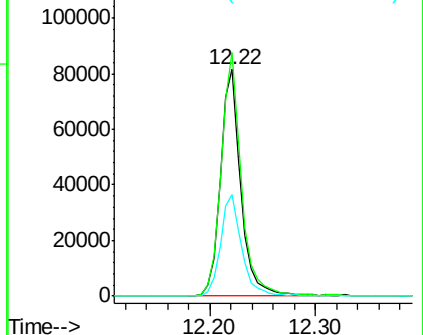


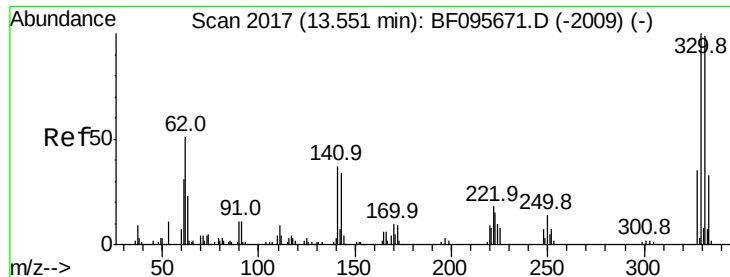
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095849.D
 Acq: 10 Jun 2017 15:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	44.8	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

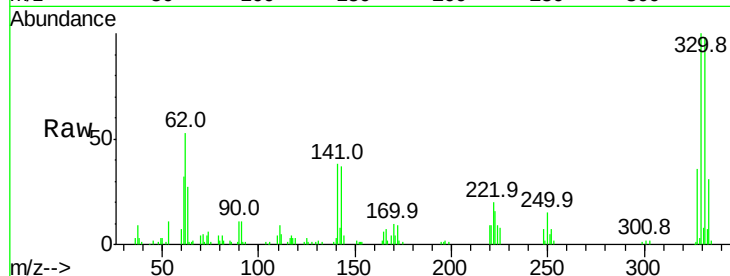




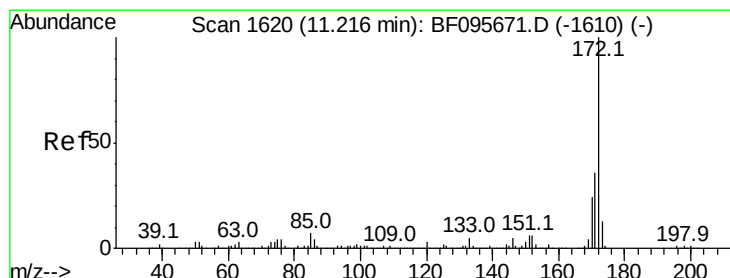
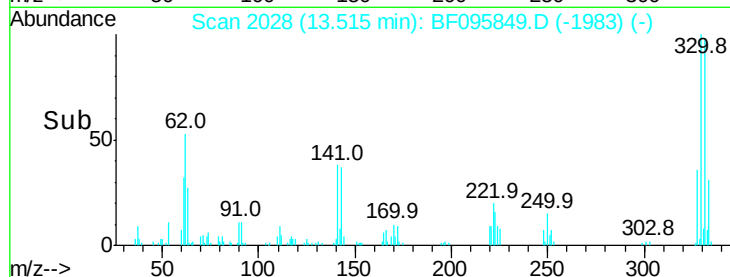
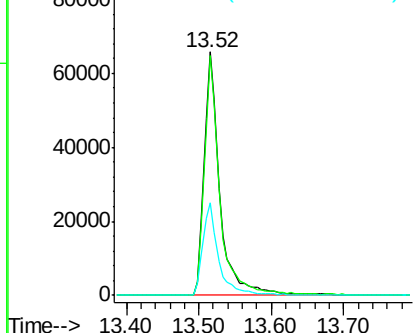
#41
 2,4,6-Tribromophenol
 Concen: 102.07 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095849.D
 Acq: 10 Jun 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB99662BL

Tot Ion:330 Resp: 99735
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.5 31.4 47.2

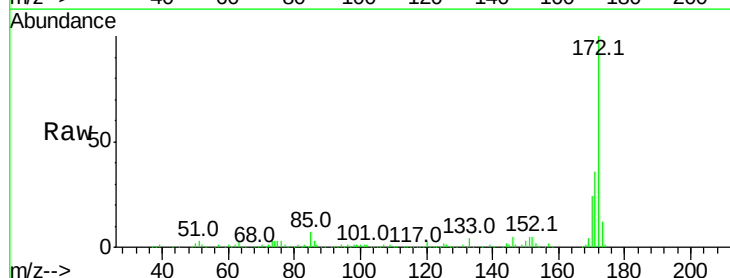


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

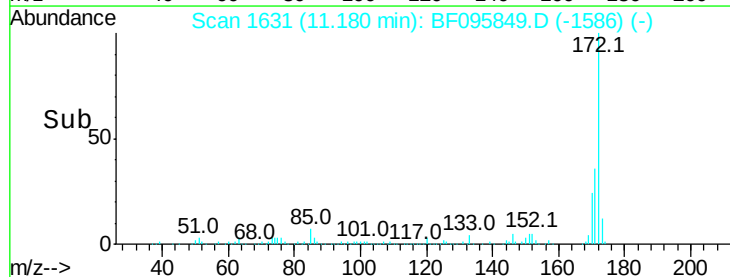
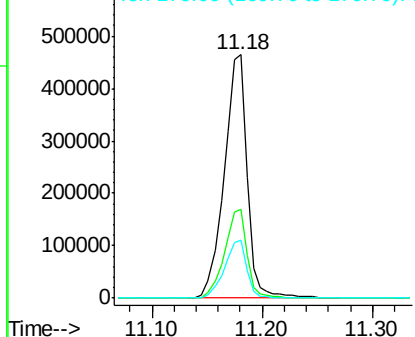


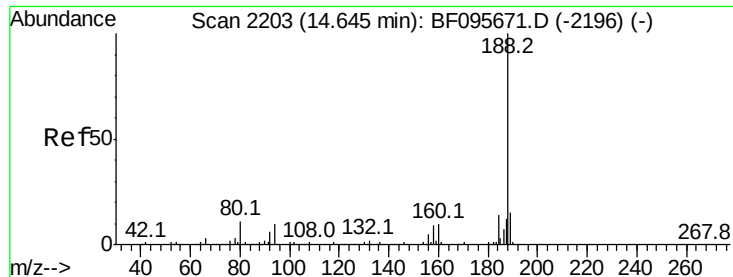
#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095849.D
 Acq: 10 Jun 2017 15:54

Tgt Ion:172 Resp: 675948
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 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

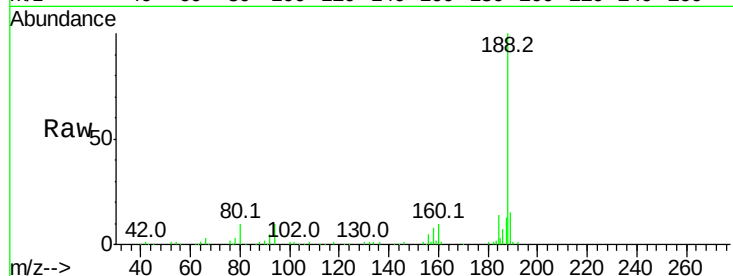




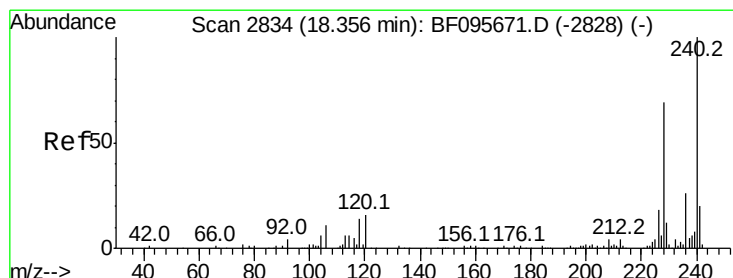
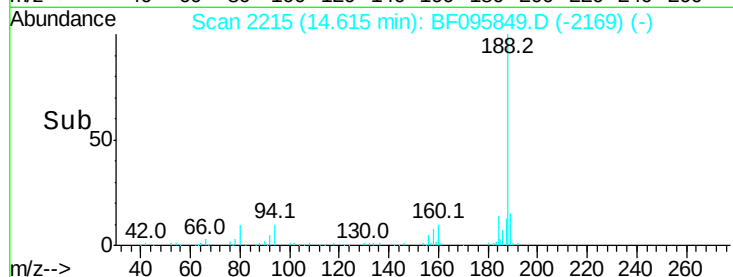
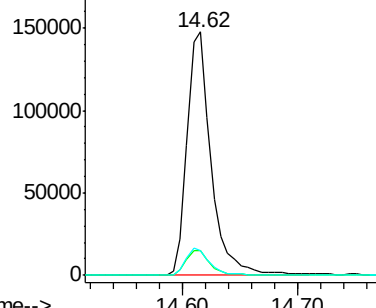
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
PB99662BL

Tot Ion:188 Resp: 213541
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.4 10.2 15.2

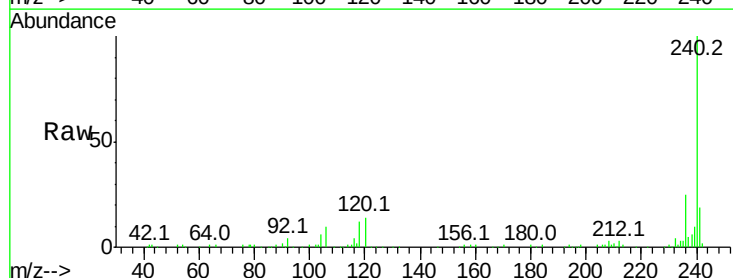


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

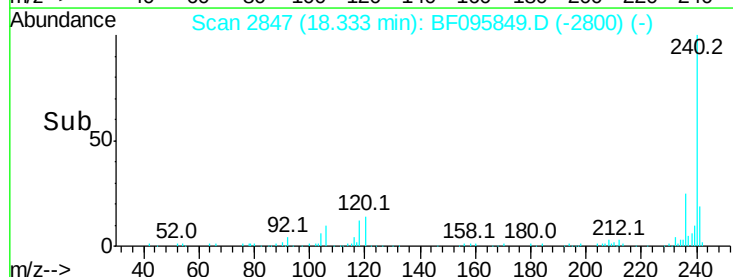
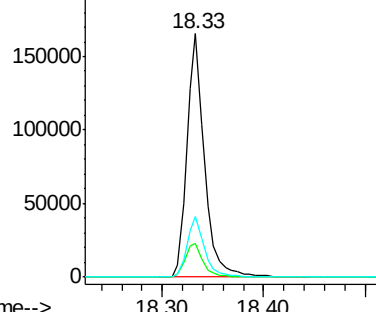


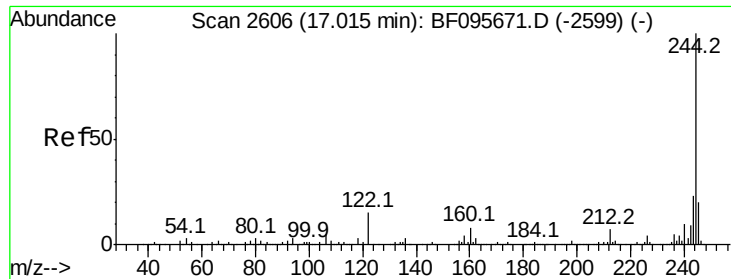
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095849.D
Acq: 10 Jun 2017 15:54

Tgt Ion:240 Resp: 198021
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 24.7 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: 83.25 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

PB99662BL

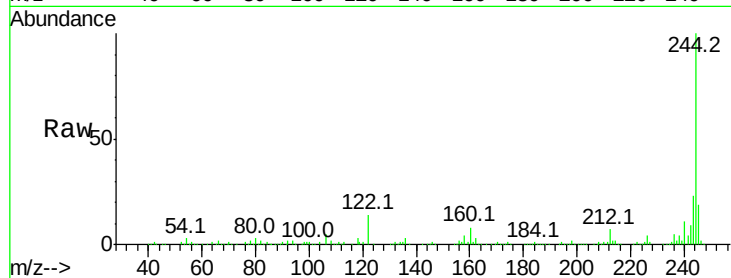
Tot Ion:244 Resp: 664260

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

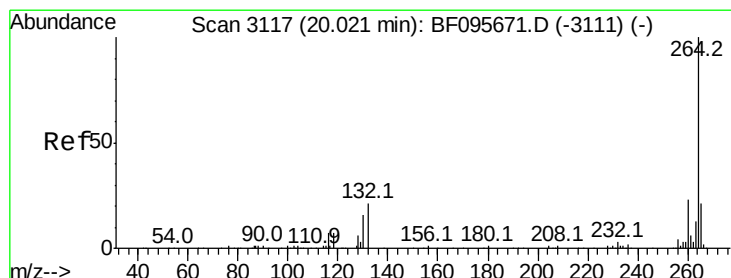
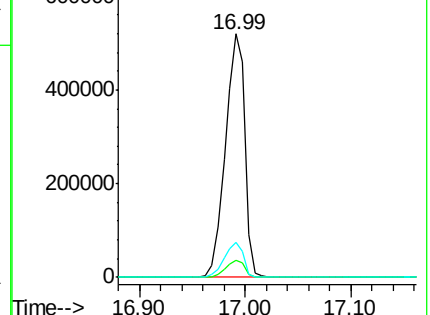
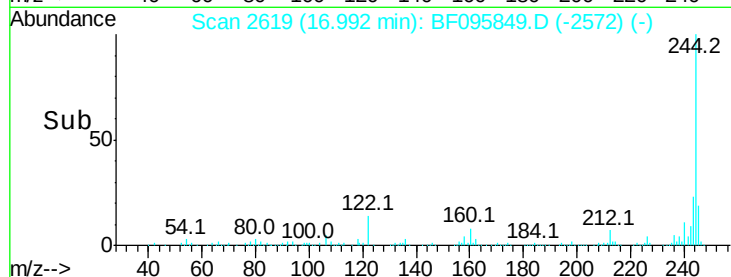
122 14.3 10.3 15.5



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: 20.00 min Scan# 3131

Delta R.T. -0.02 min

Lab File: BF095849.D

Acq: 10 Jun 2017 15:54

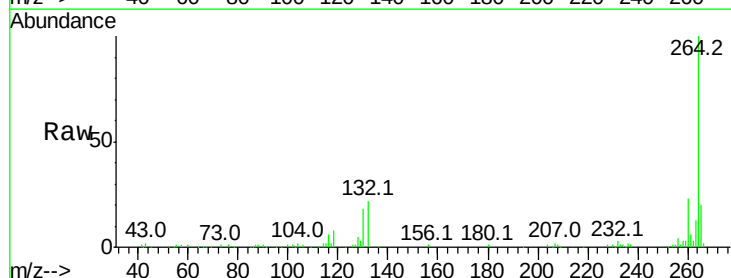
Tgt Ion:264 Resp: 140071

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.5 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

