

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095233.D
 Acq On : 18 May 2017 20:59
 Operator : SJ/MA
 Sample : I3169-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-3

Quant Time: May 19 02:52:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102350	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	407805	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	202737	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	317561	20.00	ng	0.00
75) Chrysene-d12	18.69	240	244138	20.00	ng	0.00
86) Perylene-d12	20.37	264	140411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	834029	135.86	ng	0.02
7) Phenol-d6	7.32	99	946731	128.53	ng	0.00
23) Nitrobenzene-d5	8.67	82	639427	98.87	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	236454	142.41	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1354646	96.17	ng	0.00
78) Terphenyl-d14	17.34	244	1062931	95.90	ng	0.00

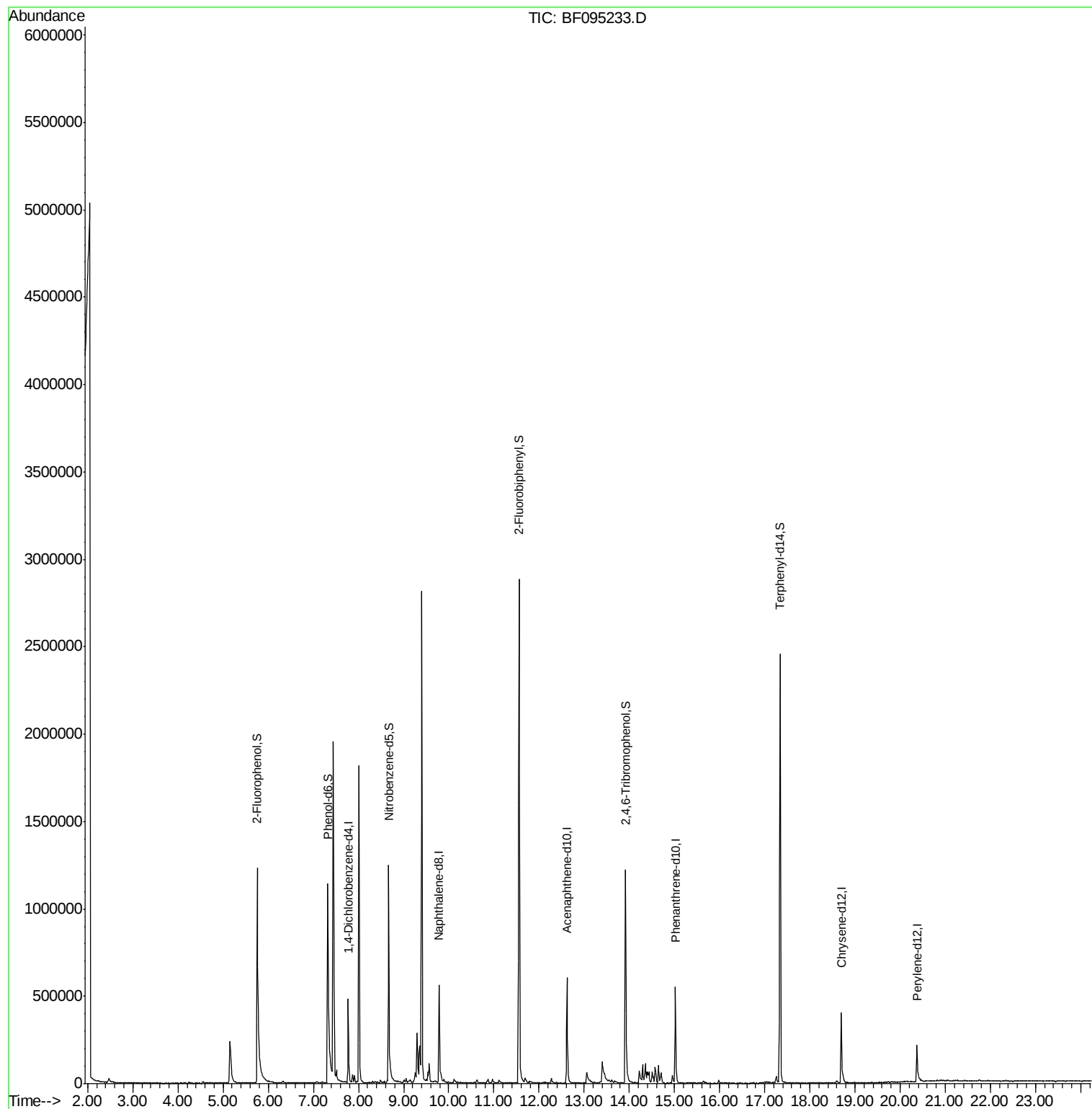
Target Compounds Qvalue

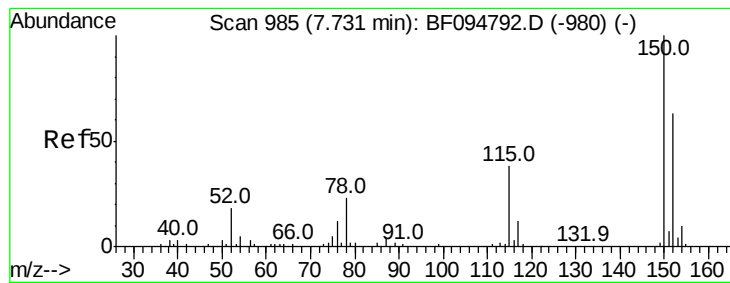
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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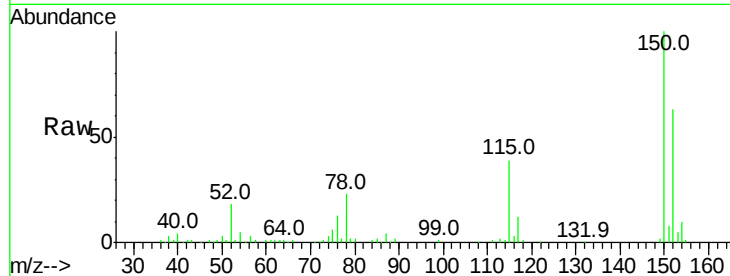


#1

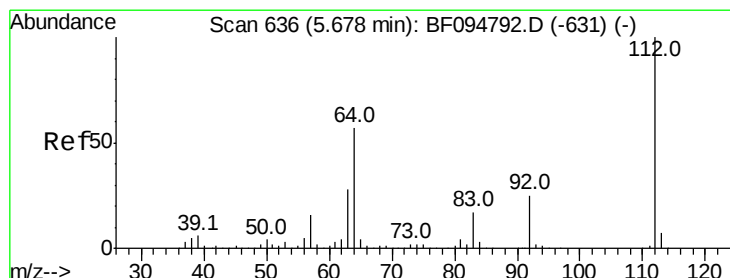
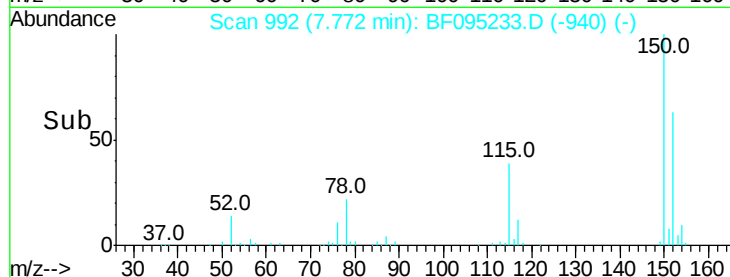
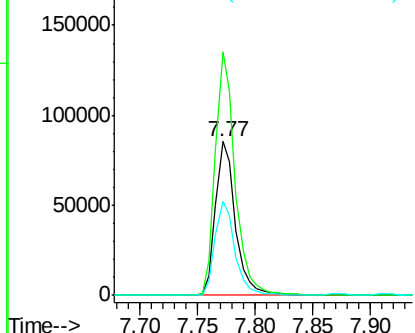
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Instrument :
BNA_F
ClientSampleId :
OWS-3

Tot Ion:152 Resp: 102350
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 61.3 52.2 78.2



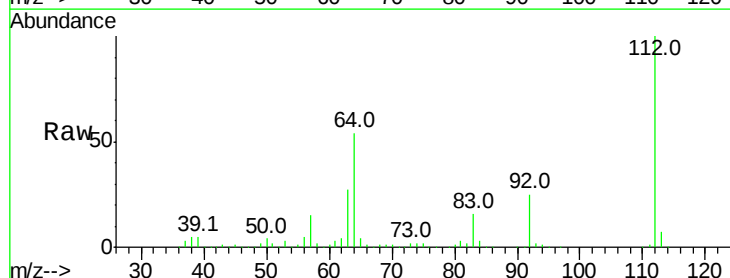
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



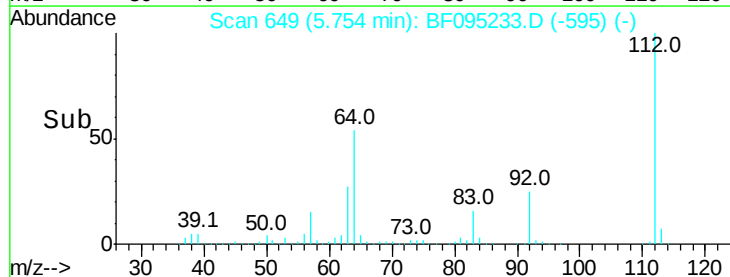
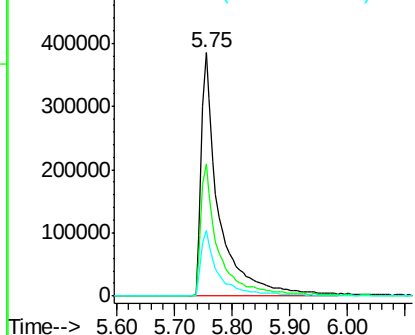
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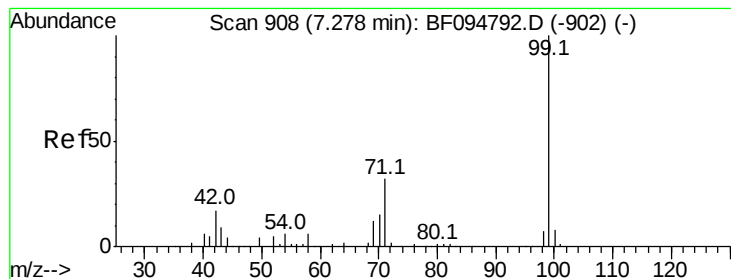
2-Fluorophenol
Concen: 135.86 ng
RT: 5.75 min Scan# 649
Delta R.T. 0.02 min
Lab File: BF095233.D
Acq: 18 May 2017 20:59

Tgt Ion:112 Resp: 834029
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.9 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: 128.53 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

Instrument :

BNA_F

ClientSampleId :

OWS-3

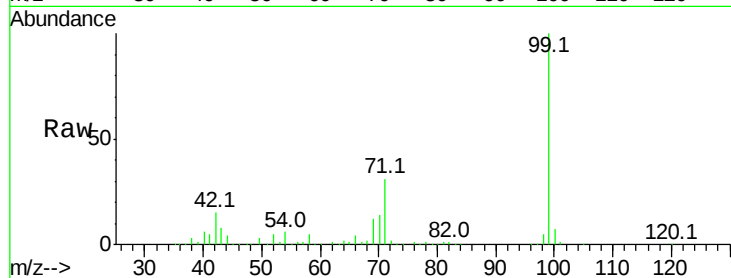
Tot Ion: 99 Resp: 946731

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

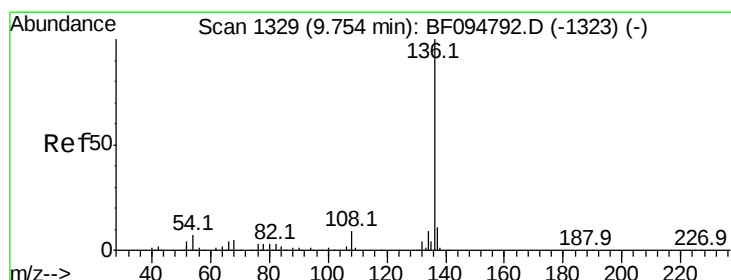
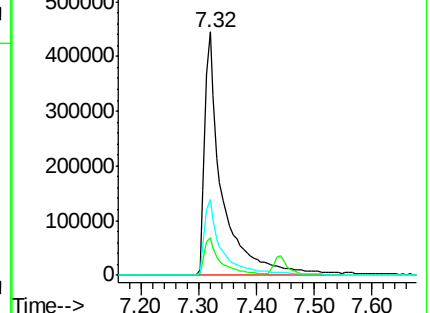
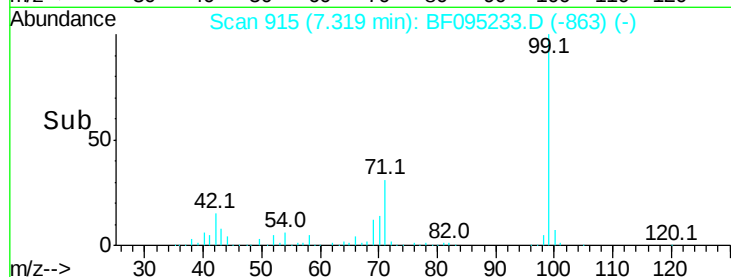
71 31.4 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

Tgt Ion: 136 Resp: 407805

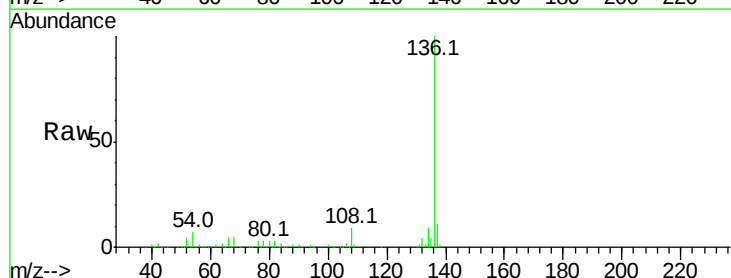
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

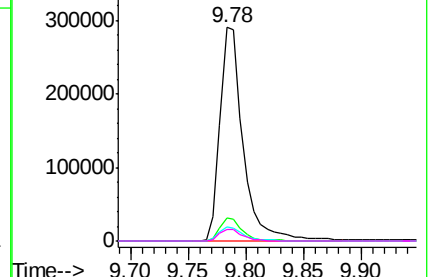
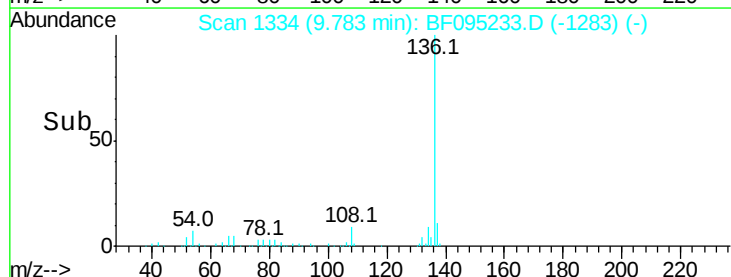


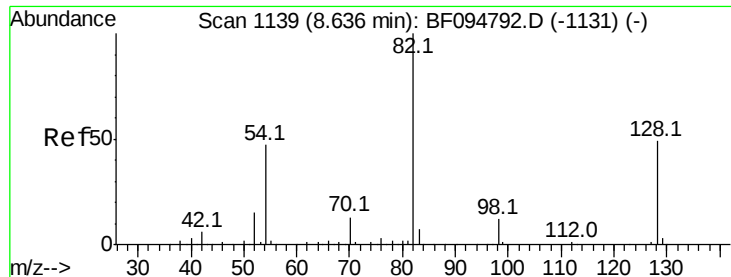
Abundance Ion 136.00 (135.70 to 136.70): E

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

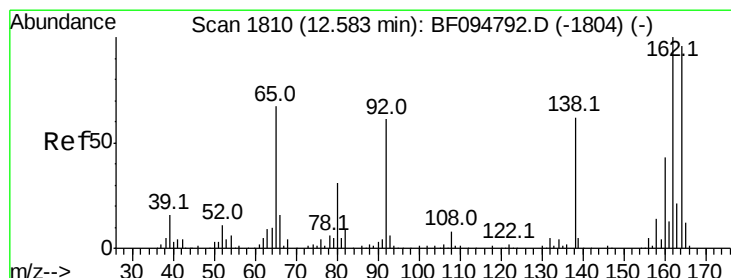
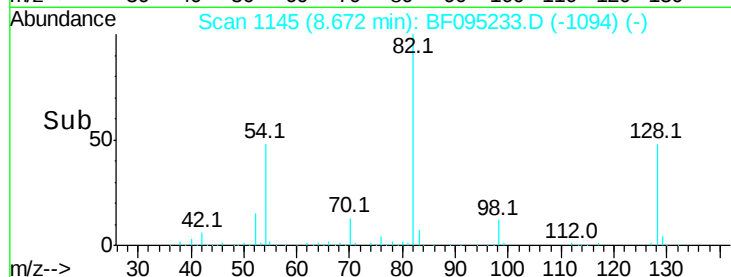
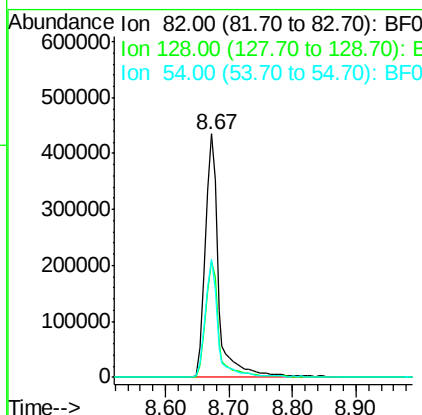
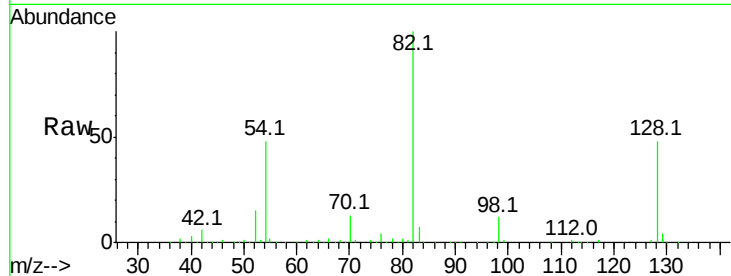




#23
 Nitrobenzene-d5
 Concen: 98.87 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

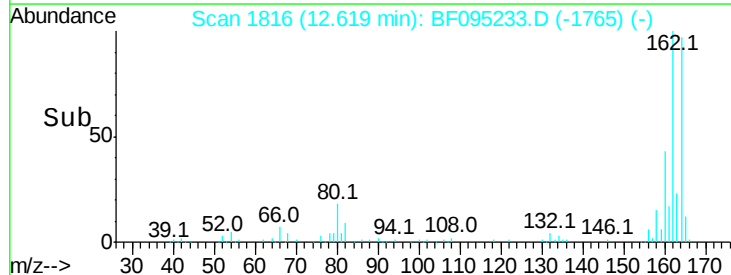
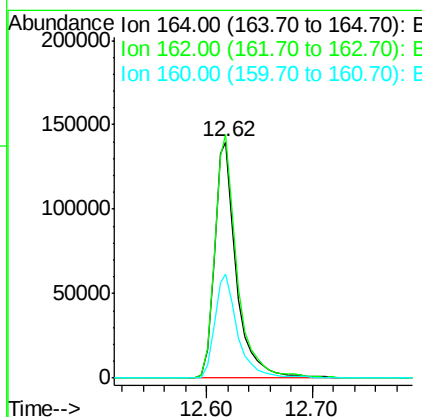
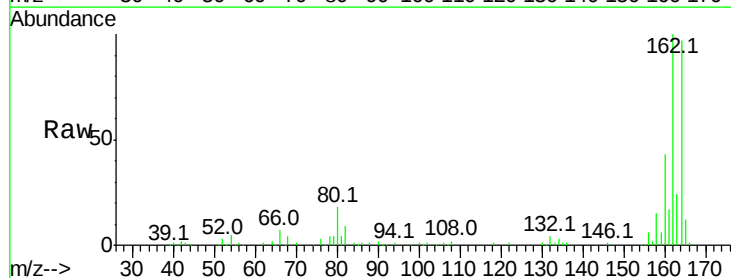
Instrument :
 BNA_F
 ClientSampled :
 OWS-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	48.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.0	36.2	54.2

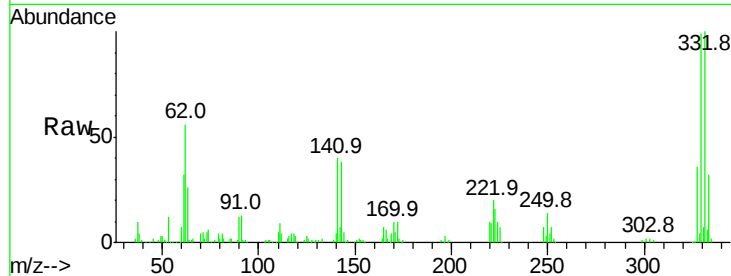




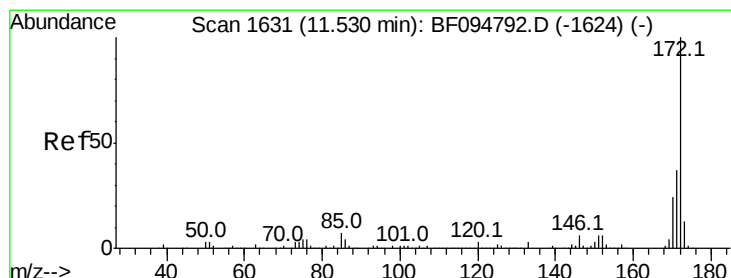
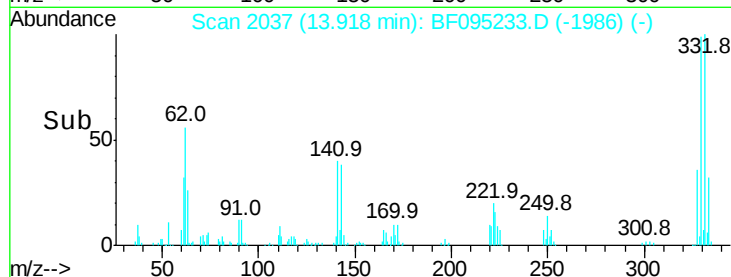
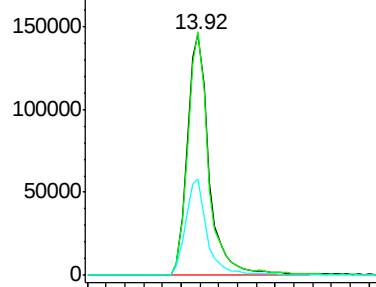
#41
 2,4,6-Tribromophenol
 Concen: 142.41 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Instrument :
 BNA_F
 ClientSampleId :
 OWS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.6	31.4	47.2

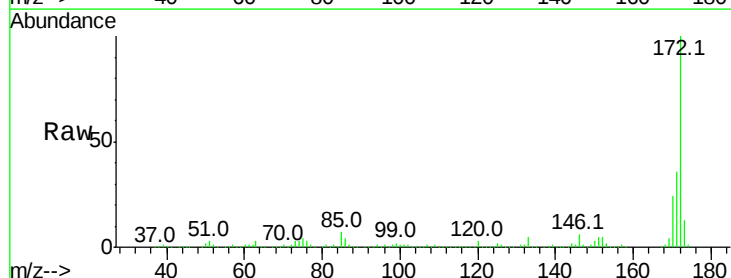


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

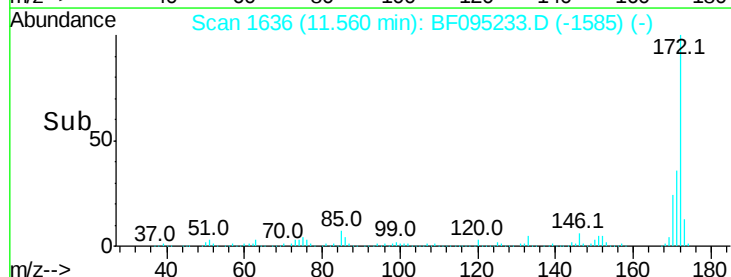
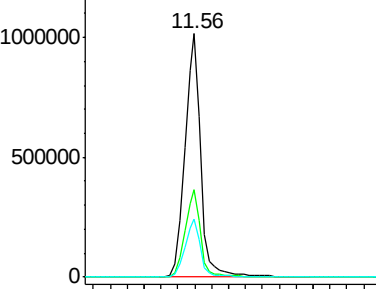


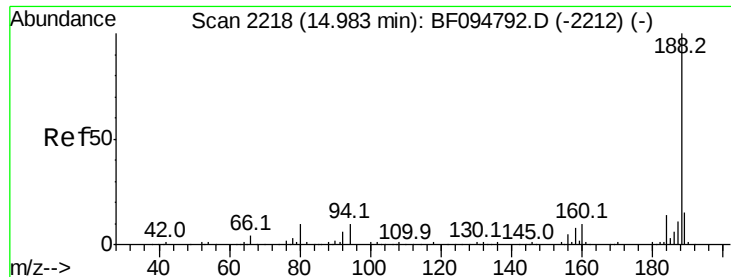
#44
 2-Fluorobiphenyl
 Concen: 96.17 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	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

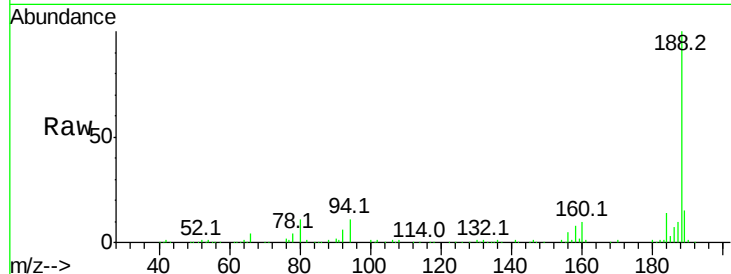




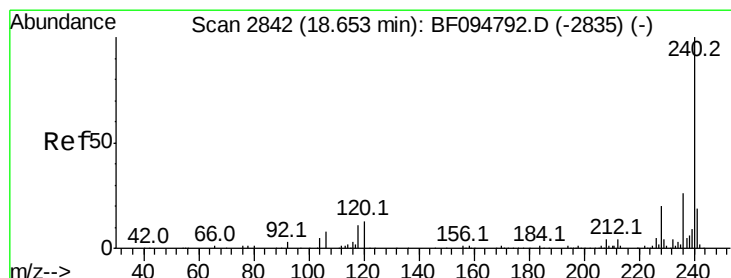
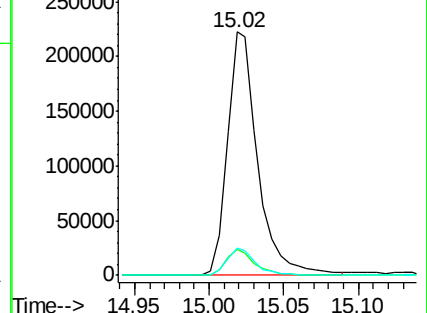
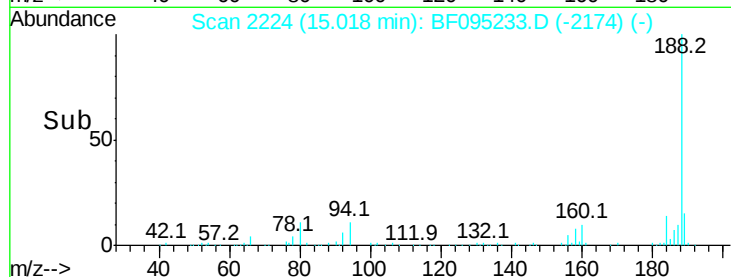
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Instrument :
 BNA_F
 ClientSampleId :
 OWS-3

Tot Ion:188 Resp: 317561
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.1 10.2 15.2

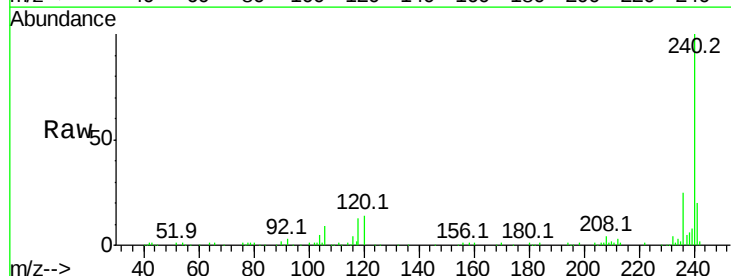


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

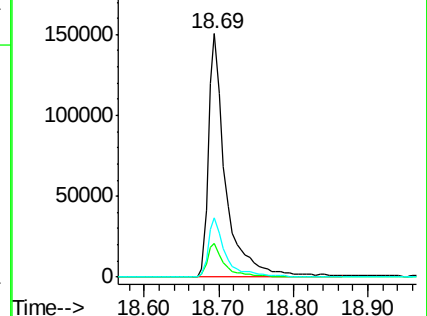
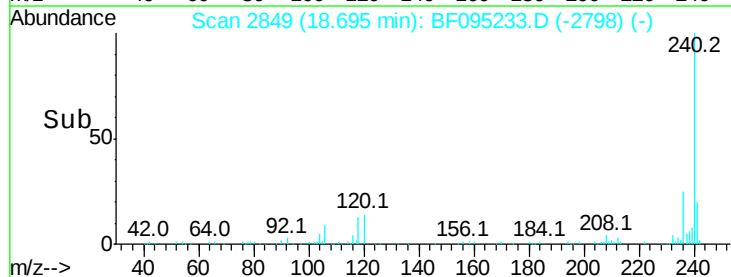


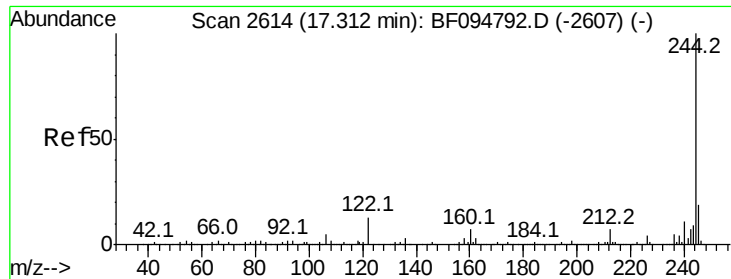
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095233.D
 Acq: 18 May 2017 20:59

Tgt Ion:240 Resp: 244138
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.6 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: 95.90 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

Instrument :

BNA_F

ClientSampled :

OWS-3

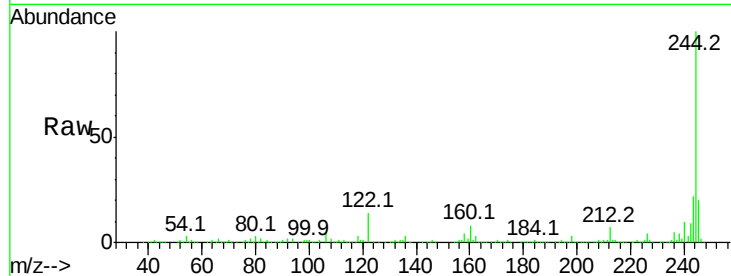
Tot Ion:244 Resp: 1062931

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

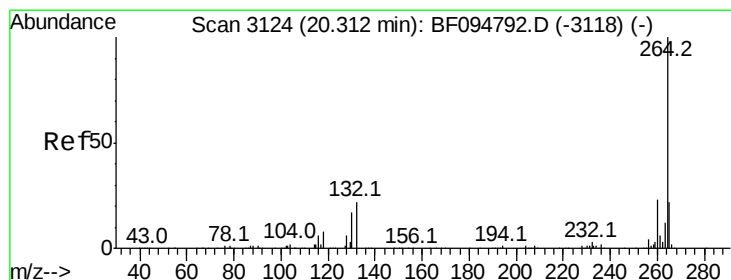
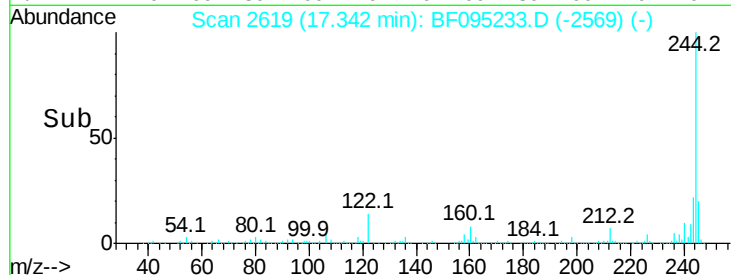
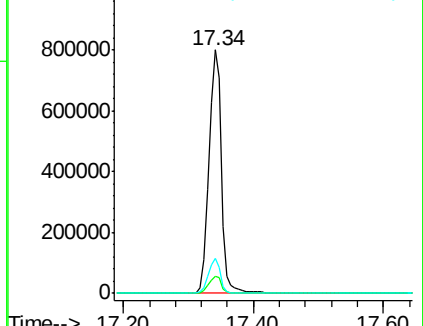
122 14.3 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095233.D

Acq: 18 May 2017 20:59

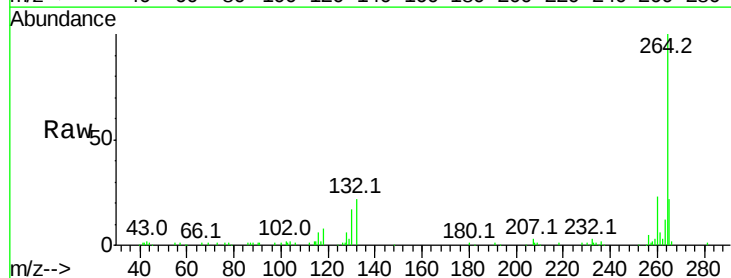
Tgt Ion:264 Resp: 140411

Ion Ratio Lower Upper

264 100

260 22.8 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

