

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095333.D
 Acq On : 23 May 2017 3:30
 Operator : SJ/MA
 Sample : I3250-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W.P.RD-C.AVE(SP)

Quant Time: May 23 05:13:45 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	7.76	152	82963	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	339385	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	151683	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	185591	20.00	ng	0.00
75) Chrysene-d12	18.69	240	181811	20.00	ng	0.00
86) Perylene-d12	20.37	264	142956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	691224	138.91	ng	0.00
7) Phenol-d6	7.31	99	758535	127.04	ng	0.00
23) Nitrobenzene-d5	8.66	82	519306	96.49	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	157649	126.91	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1066783	101.23	ng	-0.01
78) Terphenyl-d14	17.33	244	674922	81.76	ng	-0.02

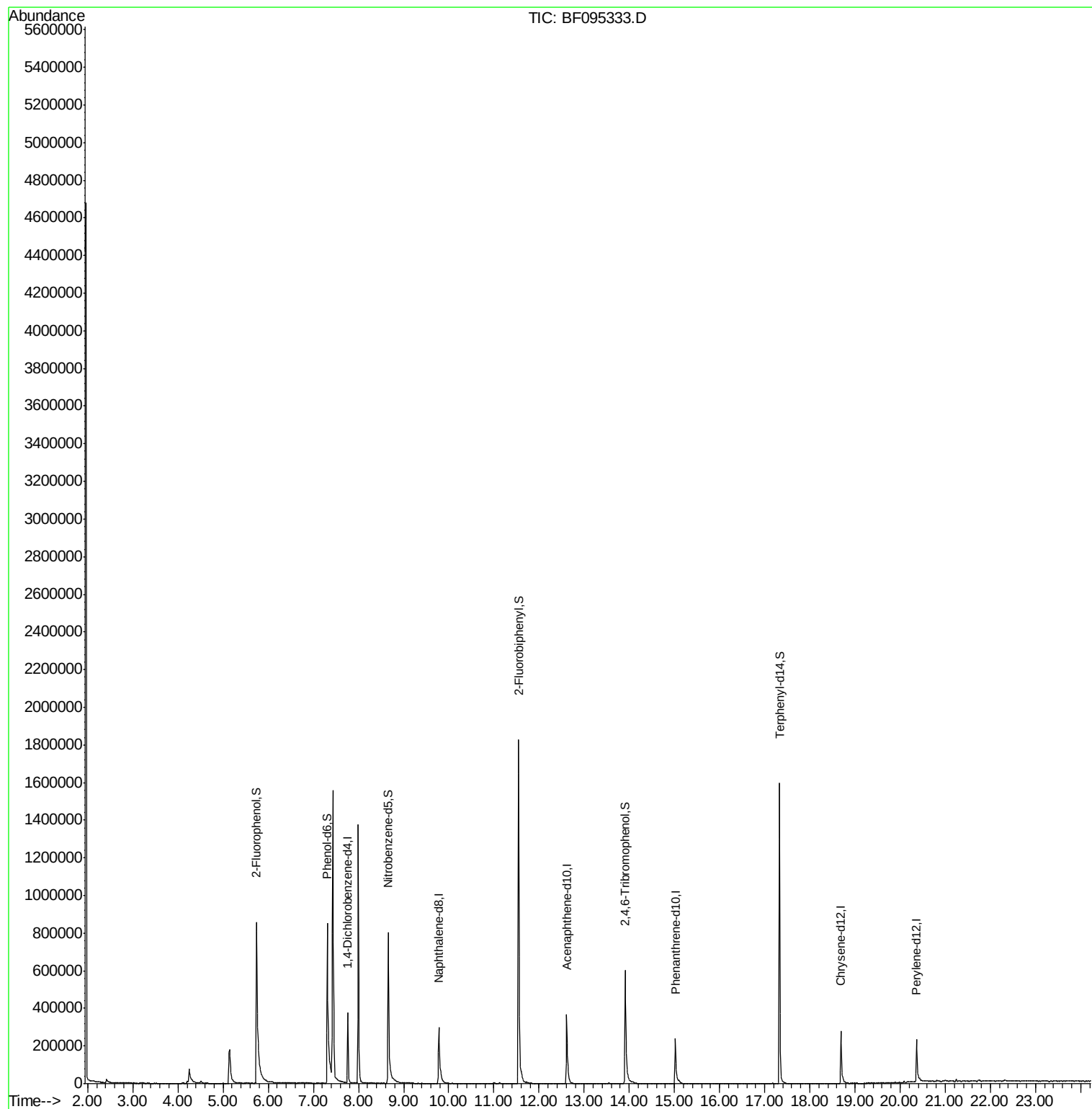
Target Compounds Qvalue

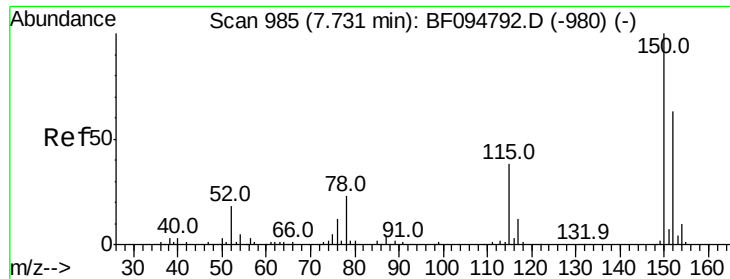
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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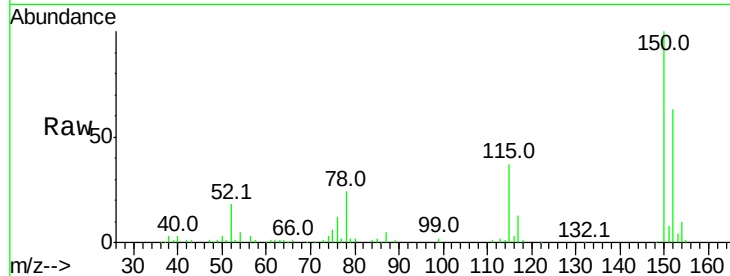


#1

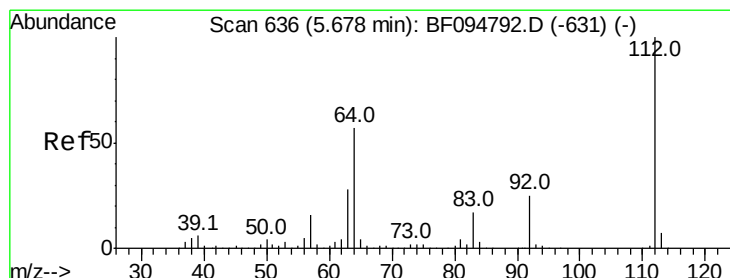
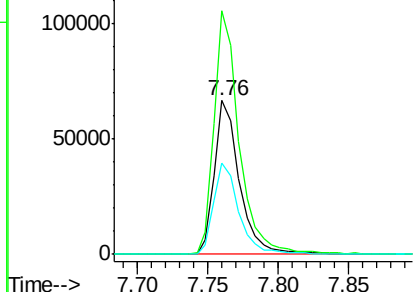
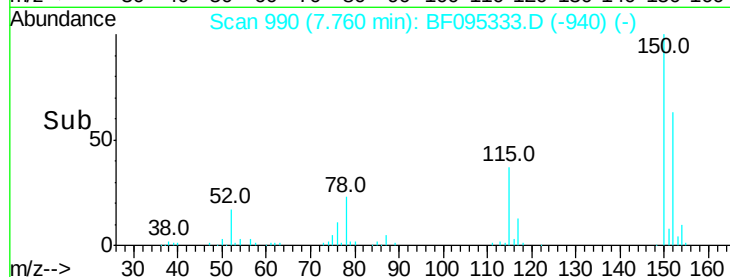
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095333.D
Acq: 23 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
W.P.RD-C.AVE(SP)

Tot Ion:152 Resp: 82963
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 59.1 52.2 78.2



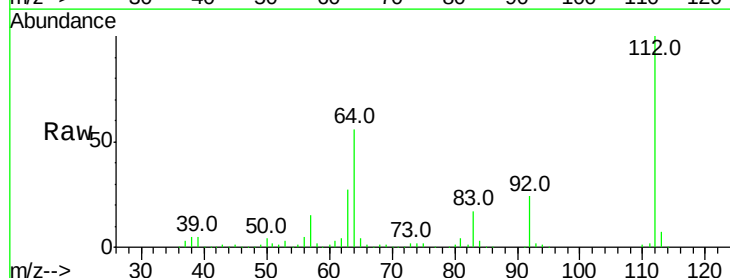
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



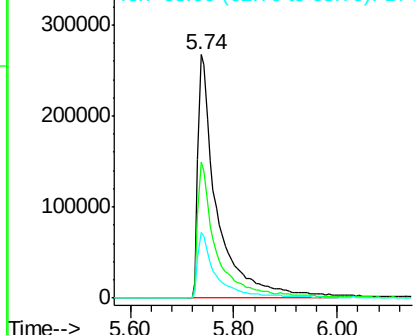
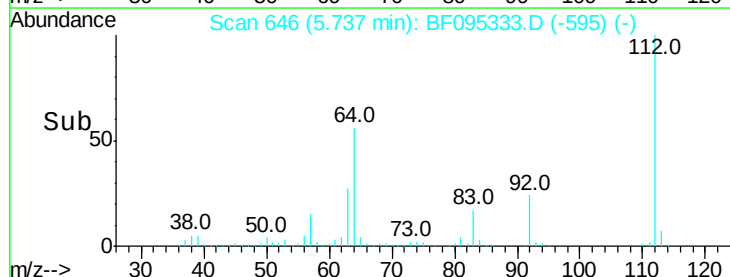
#5

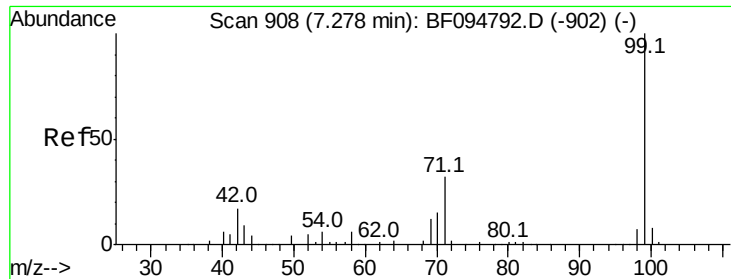
2-Fluorophenol
Concen: 138.91 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095333.D
Acq: 23 May 2017 3:30

Tgt Ion:112 Resp: 691224
Ion Ratio Lower Upper
112 100
64 55.7 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: 127.04 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095333.D

Acq: 23 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

W.P.RD-C.AVE(SP)

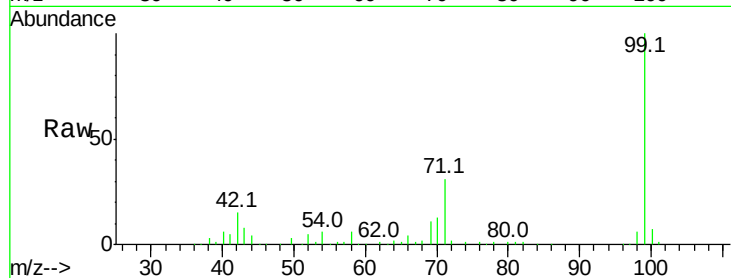
Tot Ion: 99 Resp: 758535

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

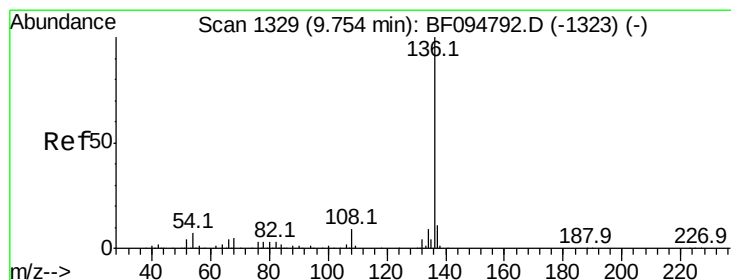
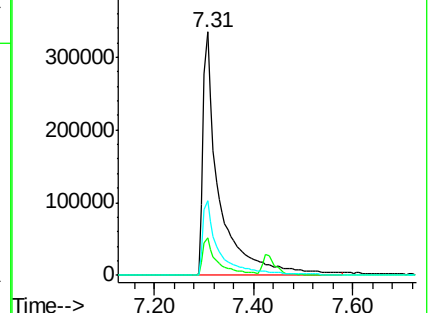
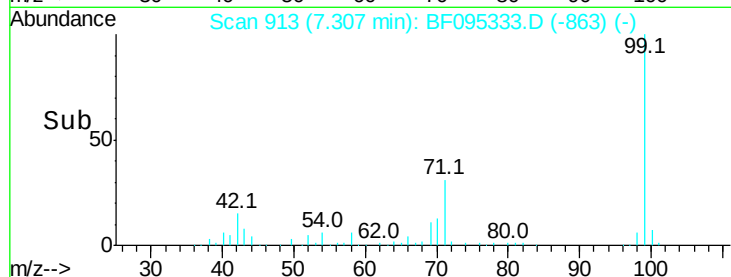
71 30.7 24.5 36.7



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: BF095333.D

Acq: 23 May 2017 3:30

Tgt Ion: 136 Resp: 339385

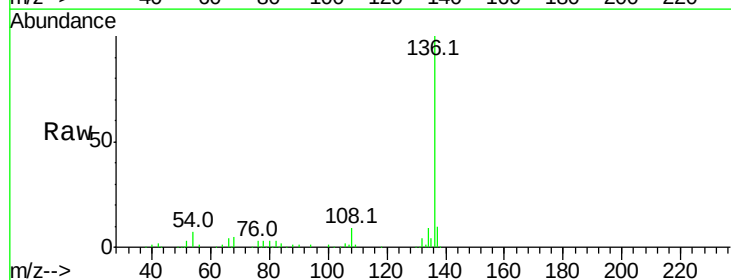
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

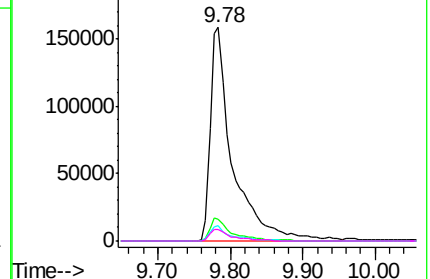
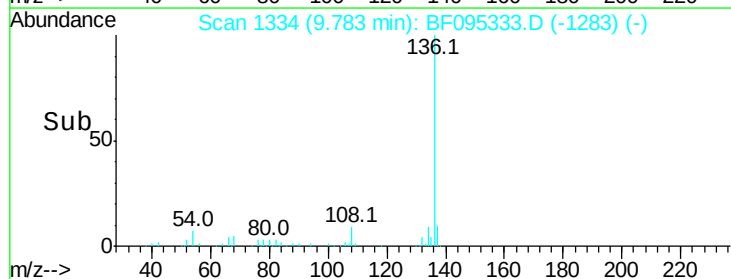


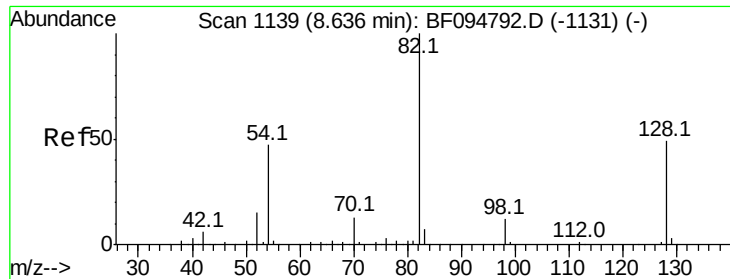
Abundance Ion 136.00 (135.70 to 136.70): E

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

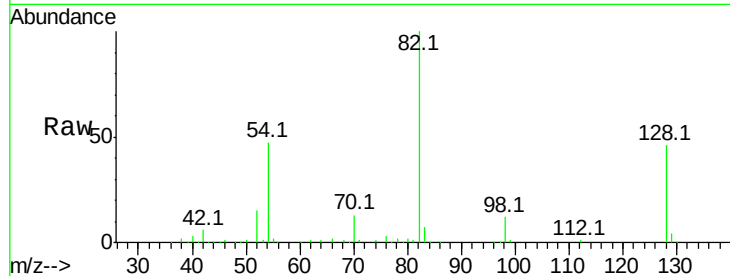




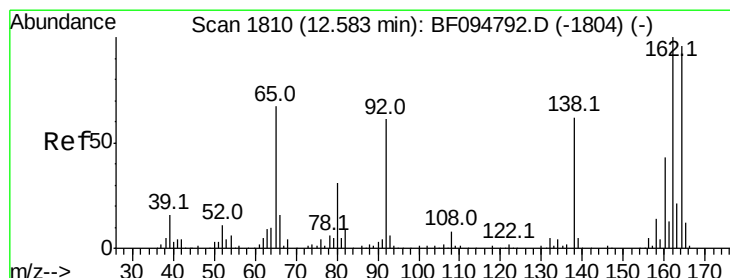
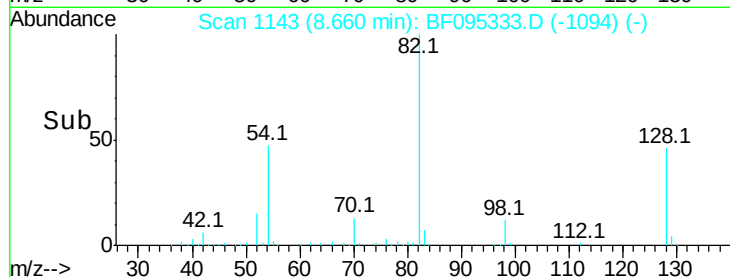
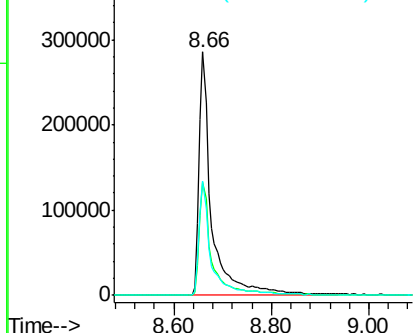
#23
Nitrobenzene-d5
Concen: 96.49 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095333.D
Acq: 23 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
W.P.RD-C.AVE(SP)

Tot Ion: 82 Resp: 519306
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 47.2 42.2 63.2

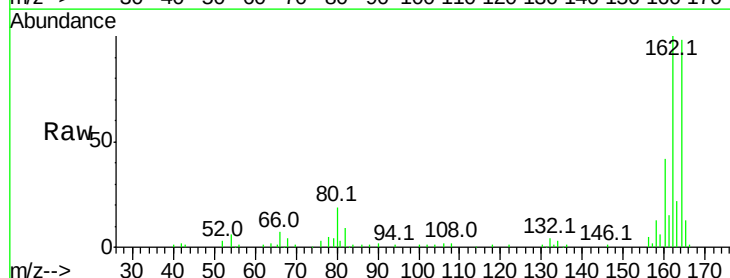


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

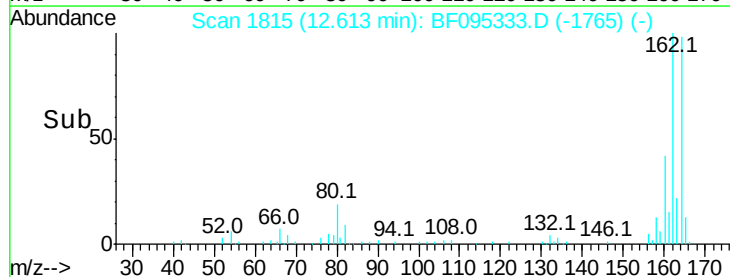
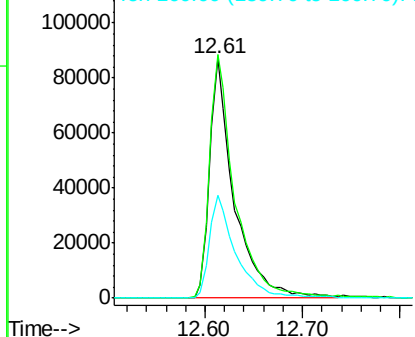


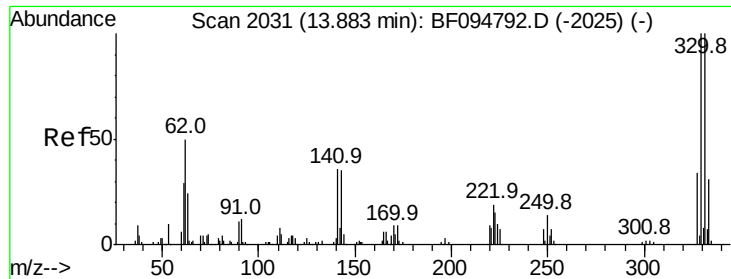
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095333.D
Acq: 23 May 2017 3:30

Tgt Ion:164 Resp: 151683
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 43.1 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

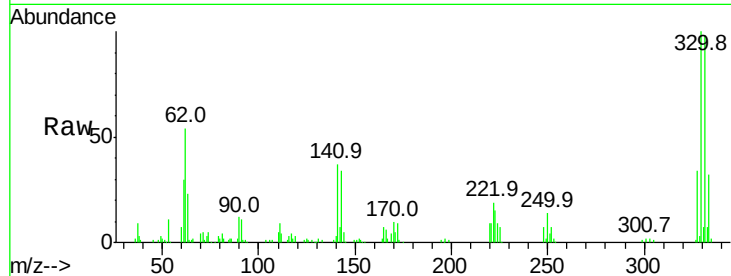




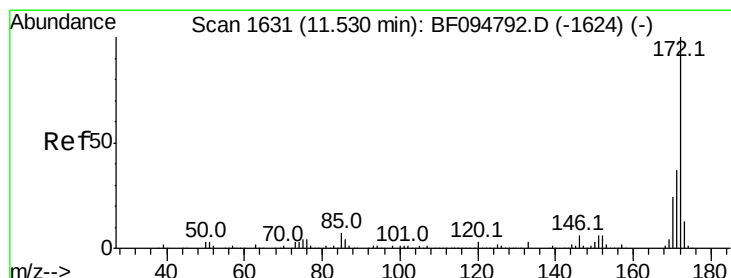
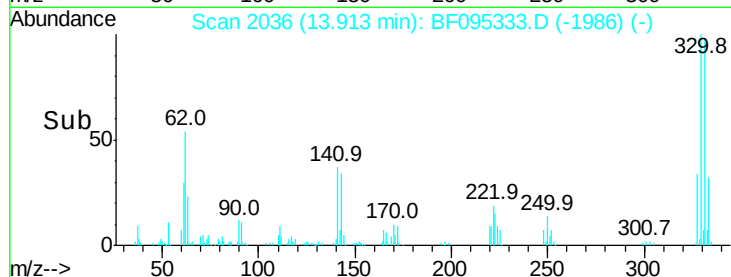
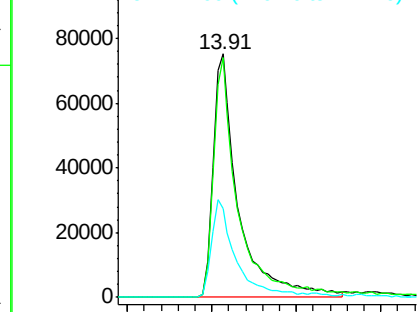
#41
 2,4,6-Tribromophenol
 Concen: 126.91 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 W.P.RD-C.AVE(SP)

Tot Ion:330 Resp: 157649
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.1 31.4 47.2

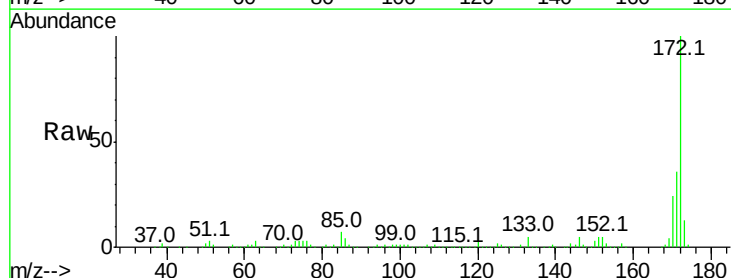


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

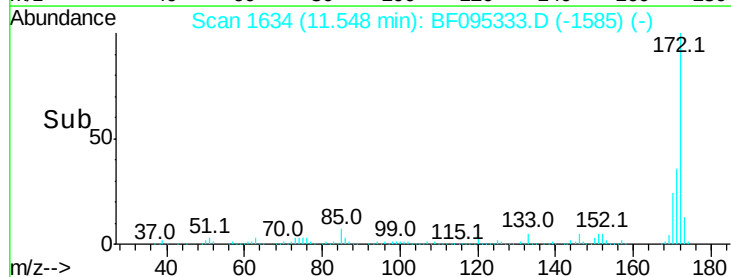
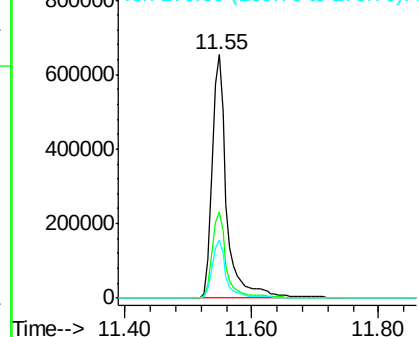


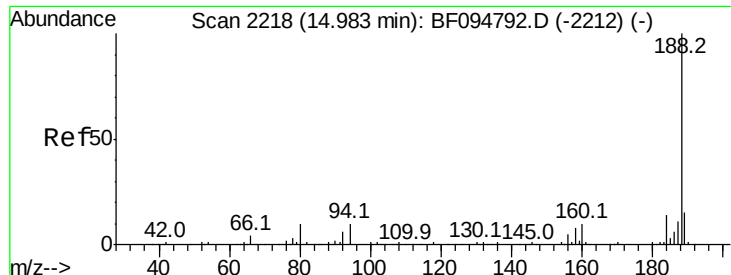
#44
 2-Fluorobiphenyl
 Concen: 101.23 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Tgt Ion:172 Resp: 1066783
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.1 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

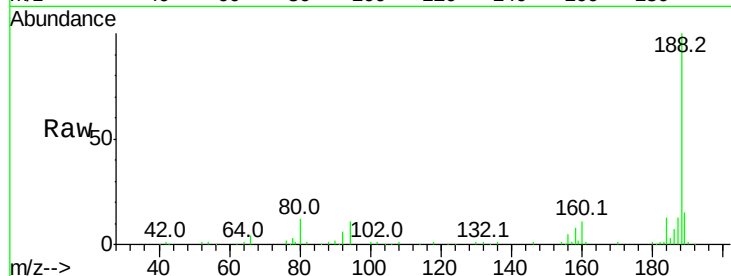




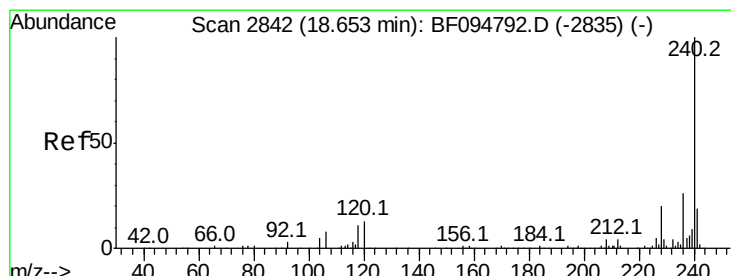
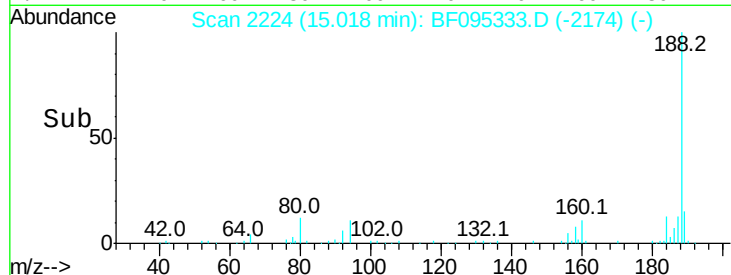
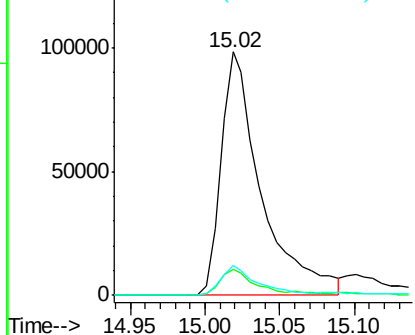
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 W.P.RD-C.AVE(SP)

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	12.0	10.2	15.2

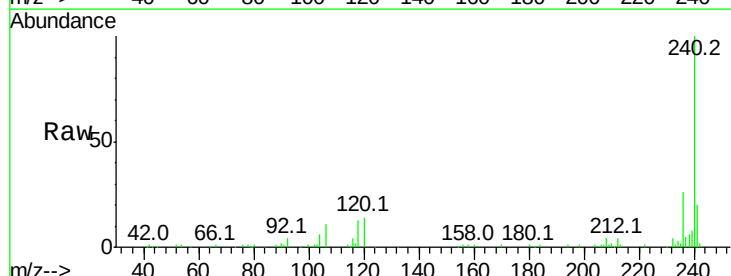


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

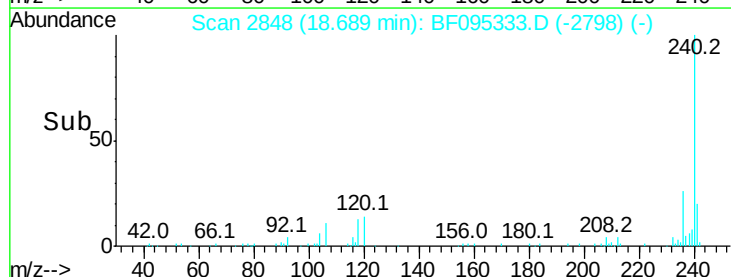
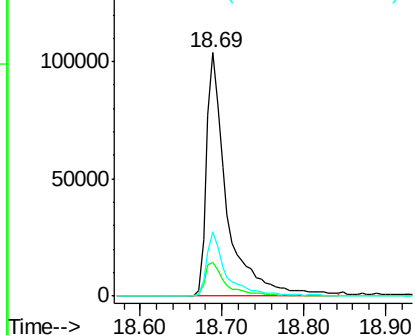


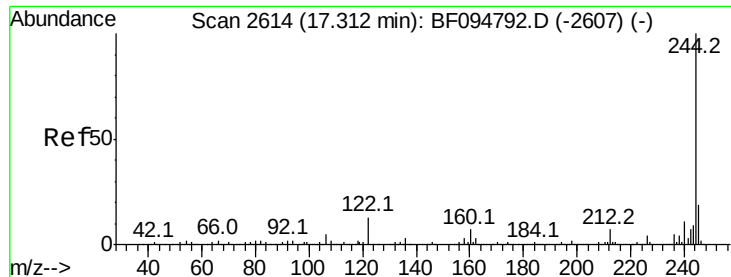
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.5	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

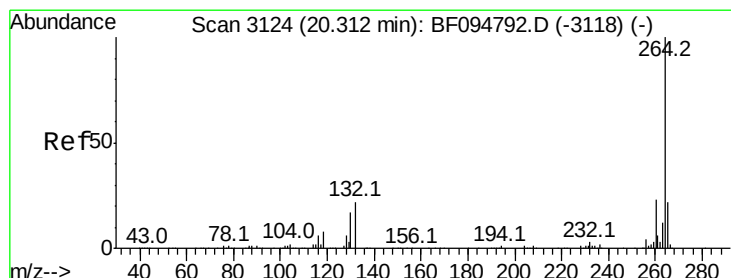
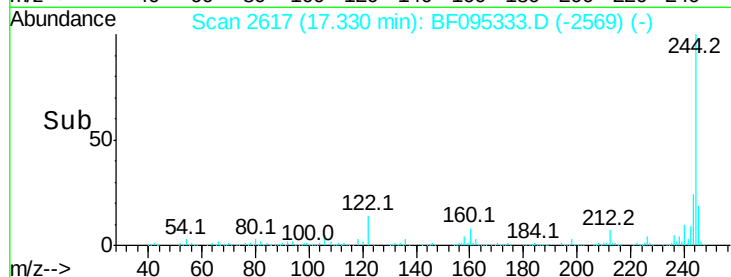
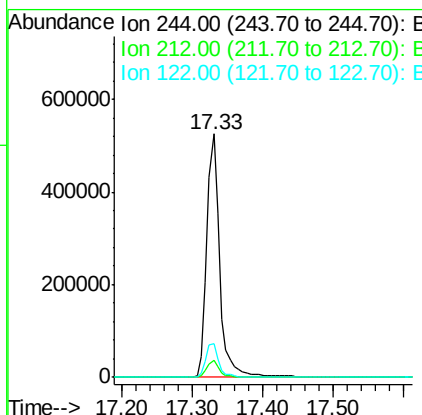
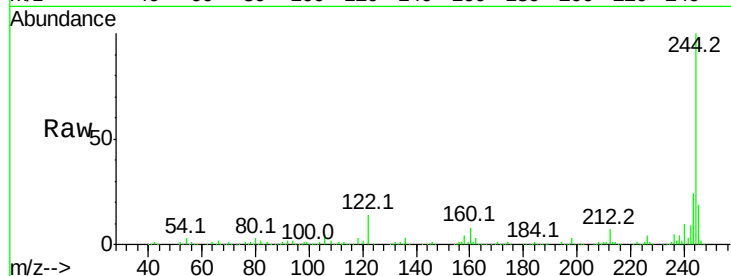




#78
 Terphenyl-d14
 Concen: 81.76 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 W.P.RD-C.AVE(SP)

Tot Ion:244 Resp: 674922
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095333.D
 Acq: 23 May 2017 3:30

Tgt Ion:264 Resp: 142956
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.3 17.2 25.8

