

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094917.D
 Acq On : 5 May 2017 14:58
 Operator : SJ/MA
 Sample : I2952-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 15:26:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

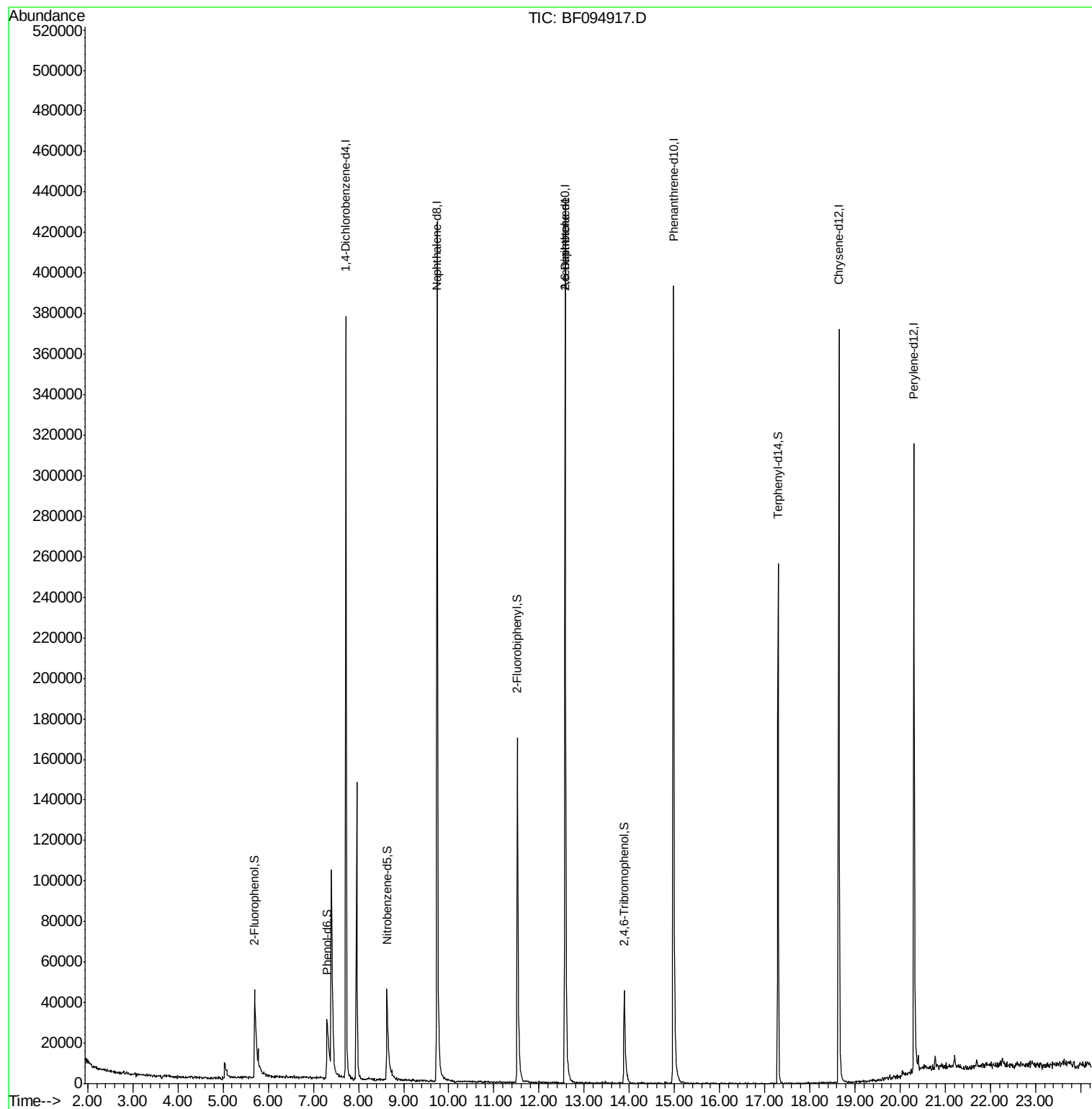
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	81986	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	344023	20.00	ng	-0.01
38) Acenaphthene-d10	12.58	164	163995	20.00	ng	0.00
63) Phenanthrene-d10	14.97	188	286289	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	202890	20.00	ng	-0.01
86) Perylene-d12	20.31	264	168611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	36776	7.48	ng	0.02
7) Phenol-d6	7.30	99	49693	8.42	ng	0.02
23) Nitrobenzene-d5	8.63	82	45019	8.25	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	16416	12.22	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	122011	10.71	ng	-0.01
78) Terphenyl-d14	17.29	244	106932	11.61	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.58	165	14770	5.38	ng	Qvalue # 31

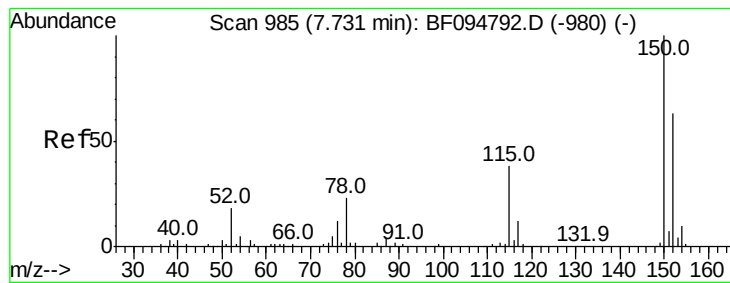
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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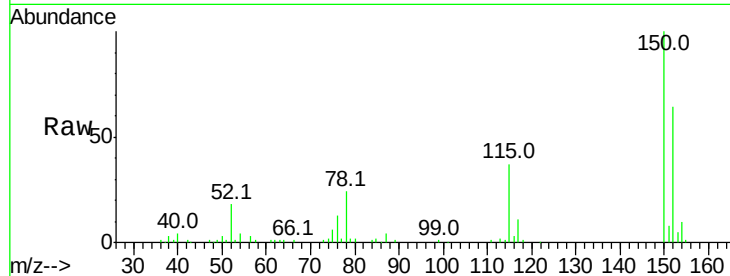


#1

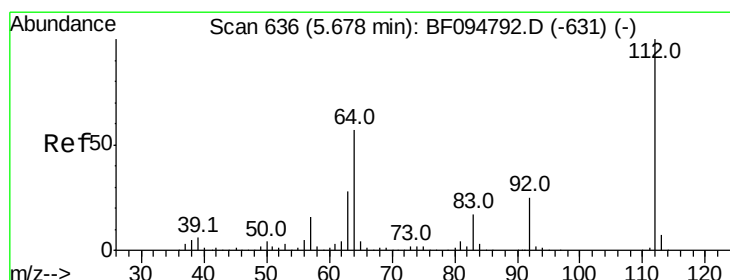
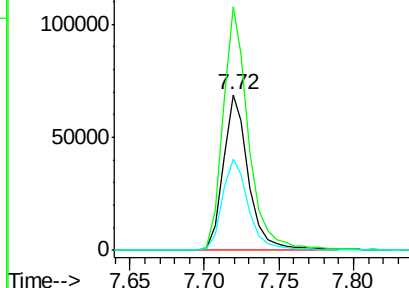
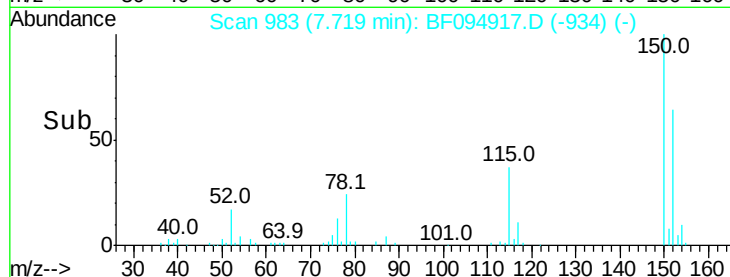
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	58.5	52.2	78.2



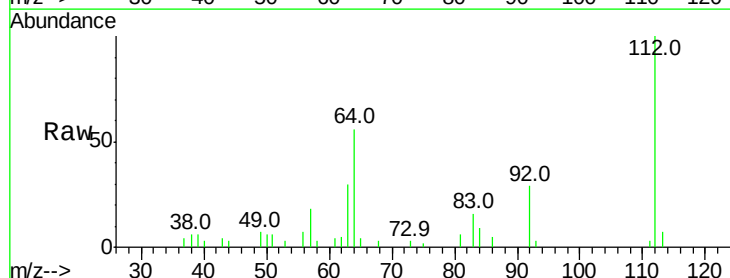
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



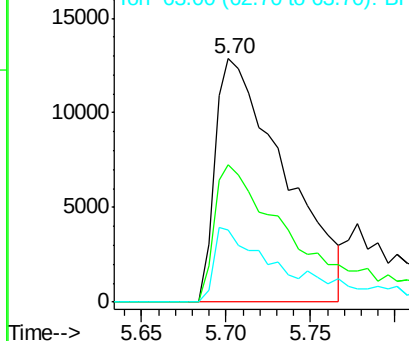
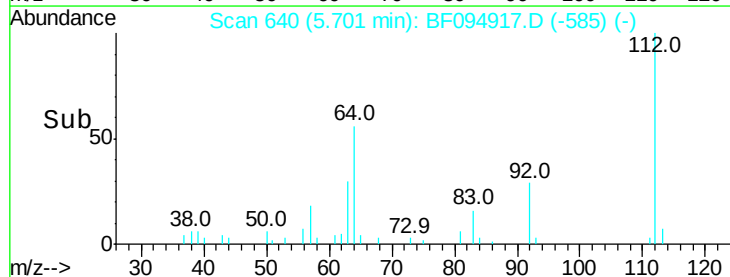
#5

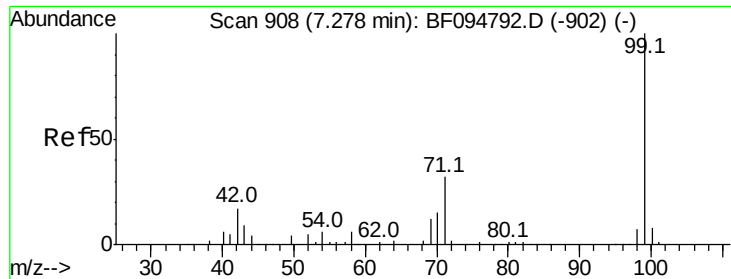
2-Fluorophenol
Concen: 7.48 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	29.6	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: 8.42 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.02 min

Lab File: BF094917.D

Acq: 5 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

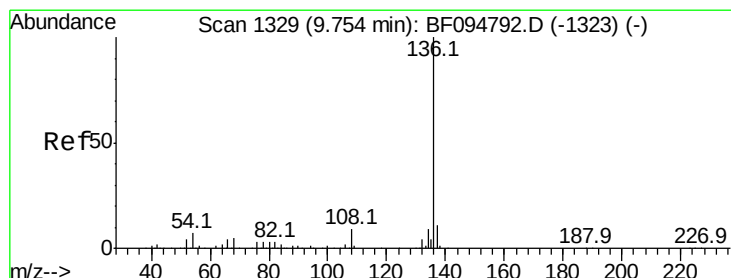
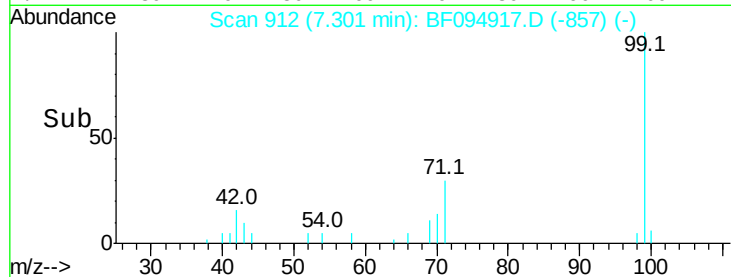
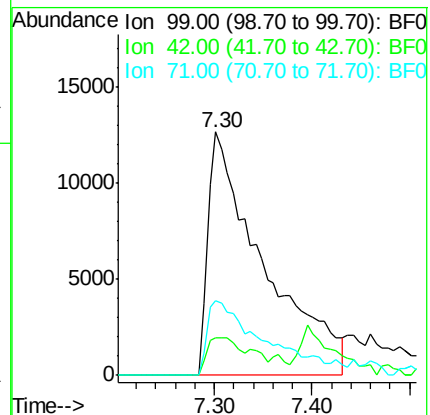
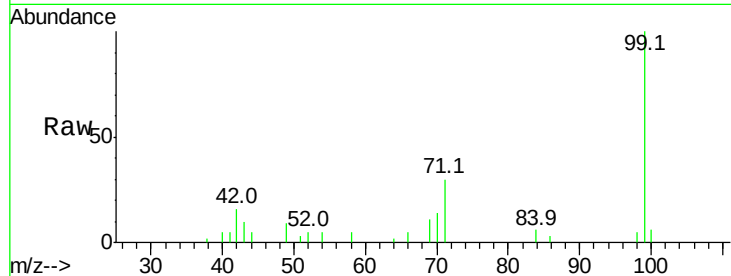
Tot Ion: 99 Resp: 49693

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

71 30.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094917.D

Acq: 5 May 2017 14:58

Tgt Ion: 136 Resp: 344023

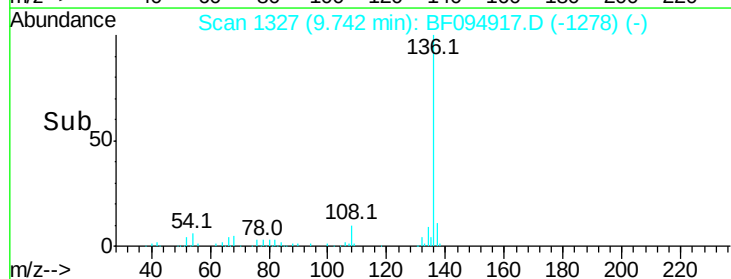
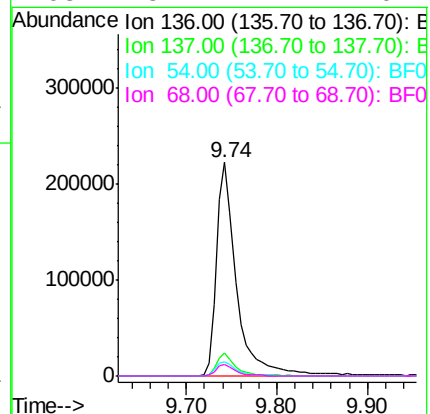
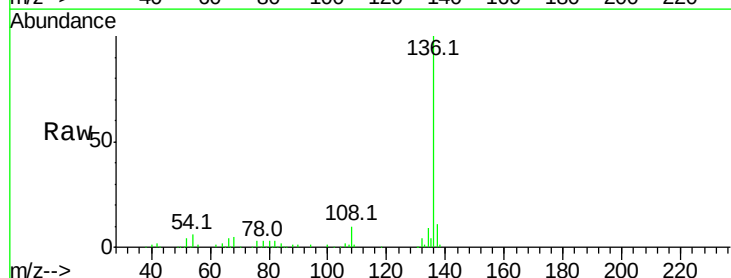
Ion Ratio Lower Upper

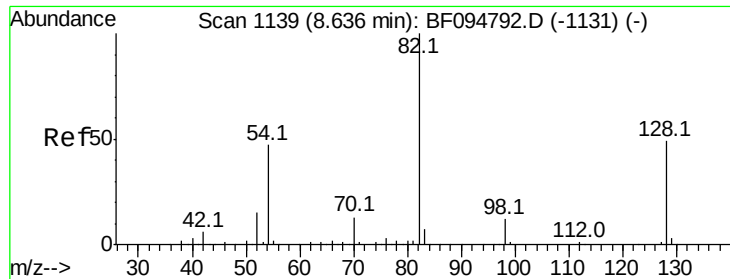
136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

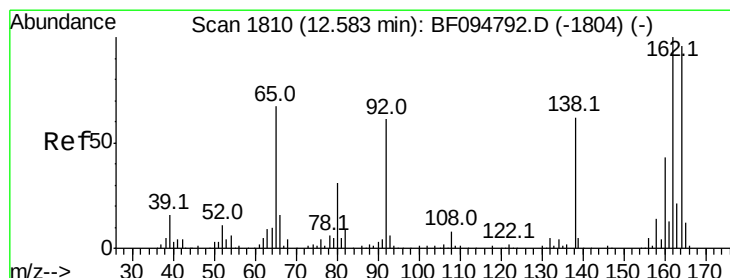
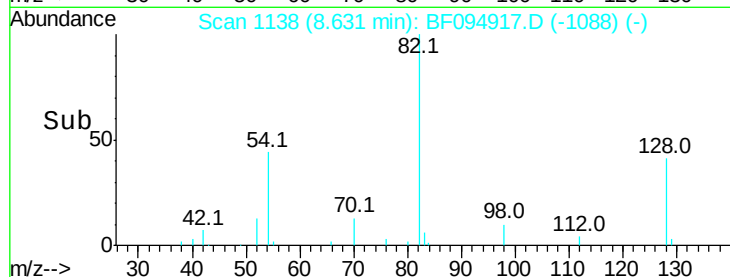
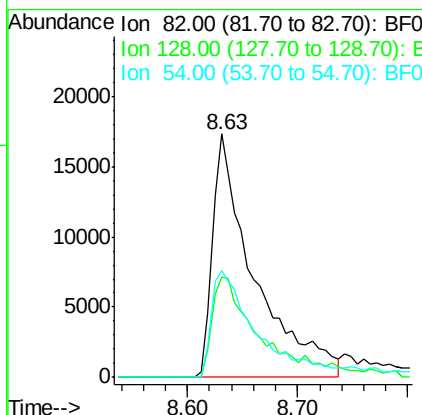
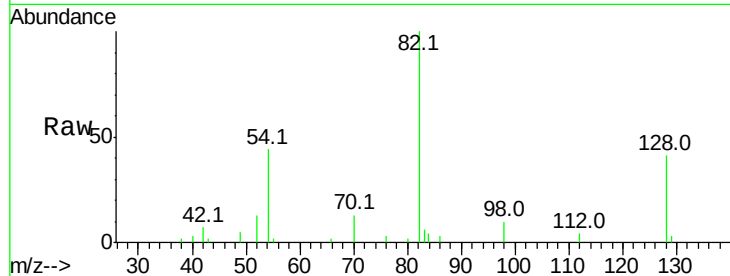




#23
 Nitrobenzene-d5
 Concen: 8.25 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

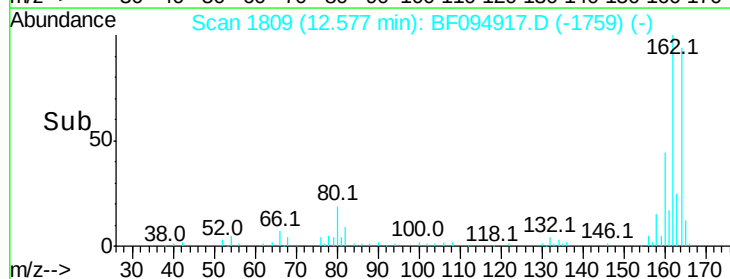
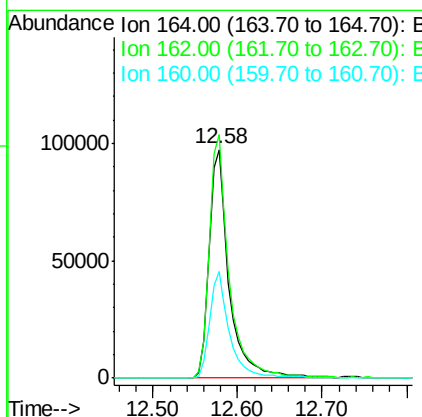
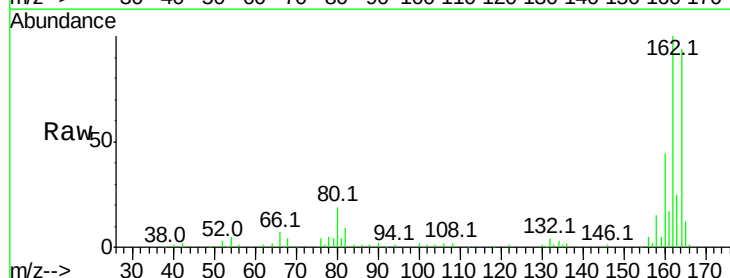
Instrument :
 BNA_F
 ClientSampled :

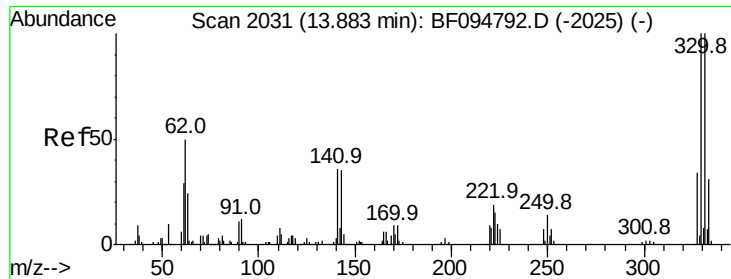
Tot Ion: 82 Resp: 45019
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.0 51.0
 54 43.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Tgt Ion:164 Resp: 163995
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.6 123.8
 160 46.7 36.2 54.2

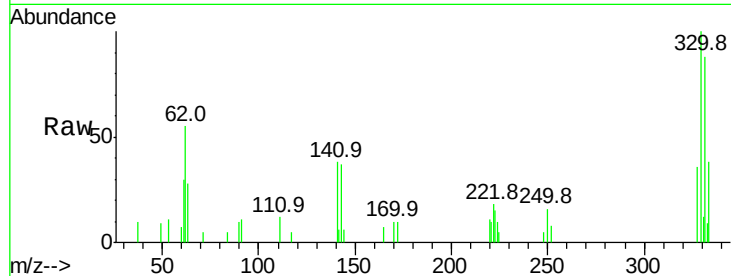




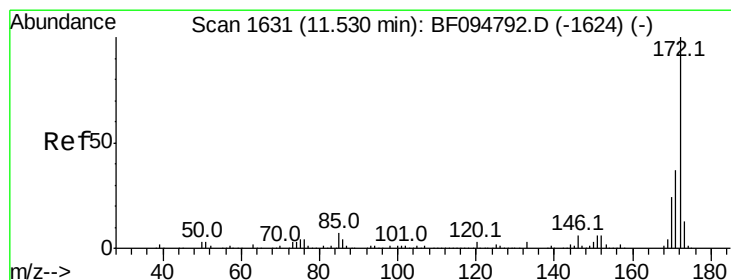
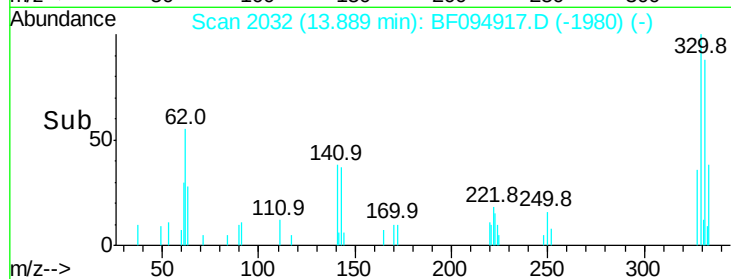
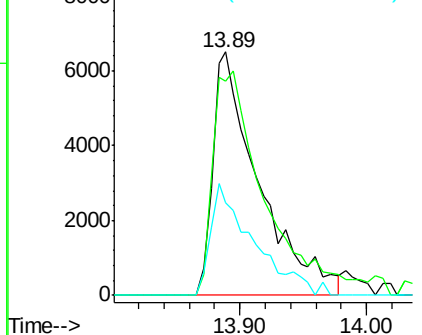
#41
 2,4,6-Tribromophenol
 Concen: 12.22 ng
 RT: 13.89 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 16416
 Ion Ratio Lower Upper
 330 100
 332 103.2 76.6 115.0
 141 43.4 31.4 47.2

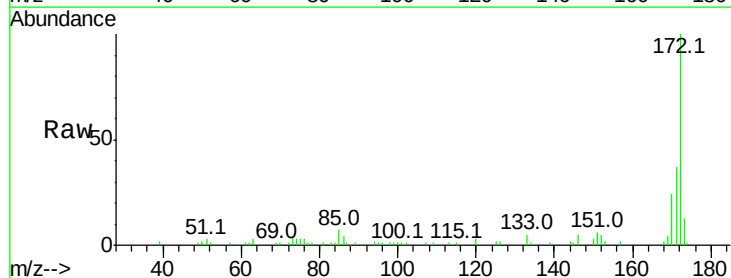


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

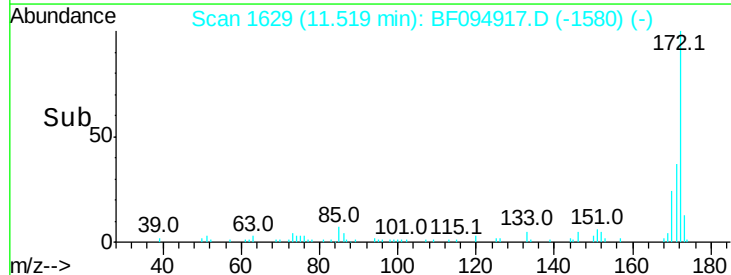
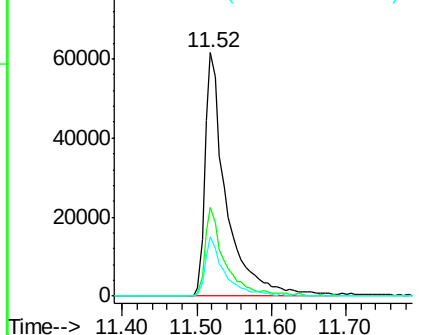


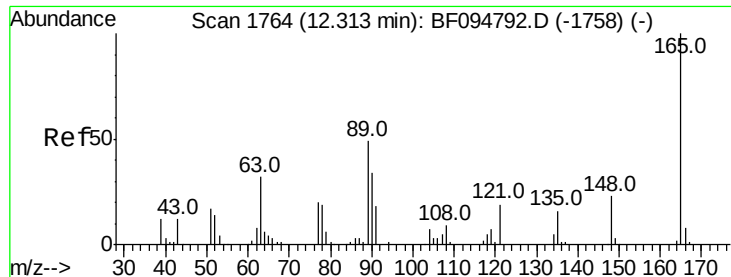
#44
 2-Fluorobiphenyl
 Concen: 10.71 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Tgt Ion:172 Resp: 122011
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 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

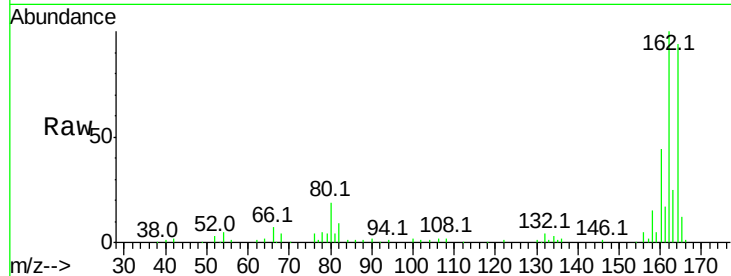




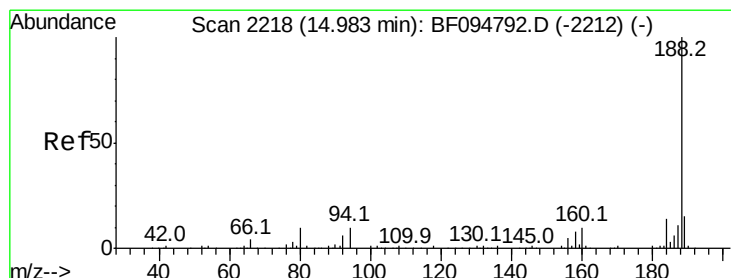
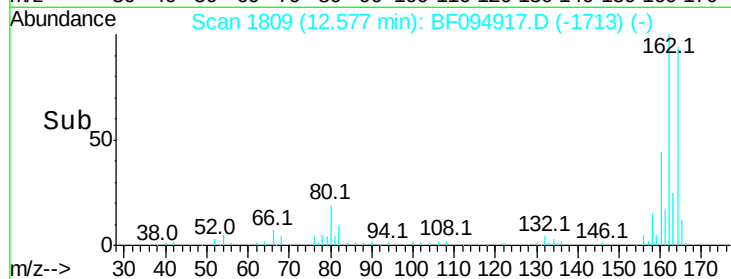
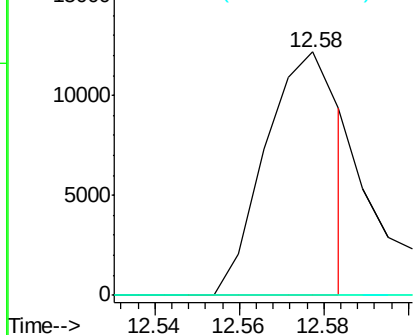
#50
 2,6-Dinitrotoluene
 Concen: 5.38 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. 0.26 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 14770
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

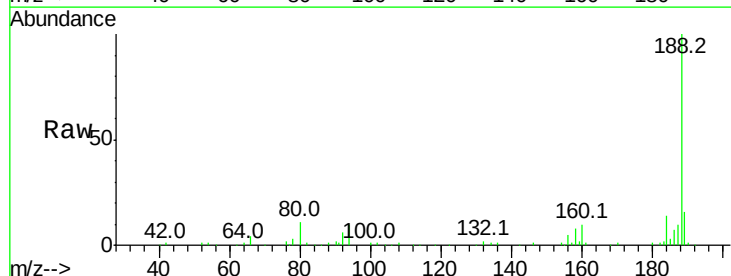


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

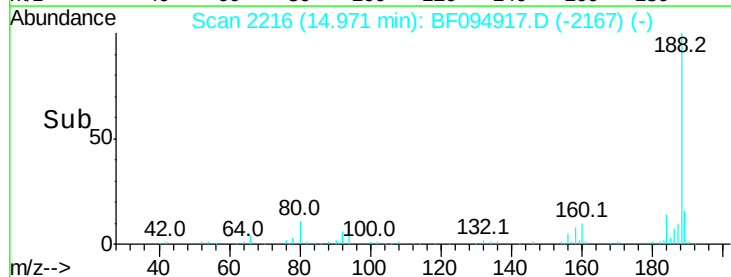
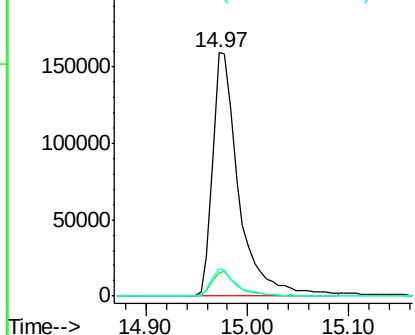


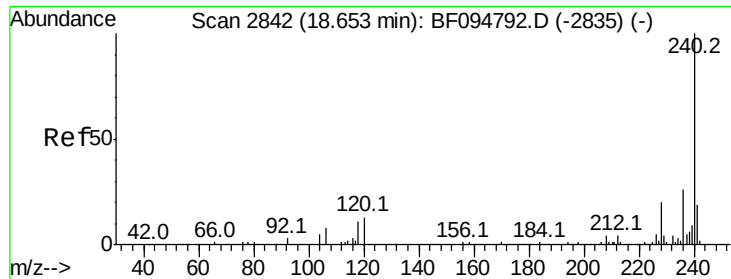
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Tgt Ion:188 Resp: 286289
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 11.2 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: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094917.D

Acq: 5 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

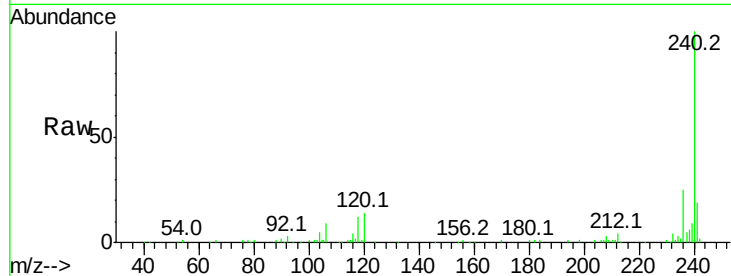
Tot Ion:240 Resp: 202890

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

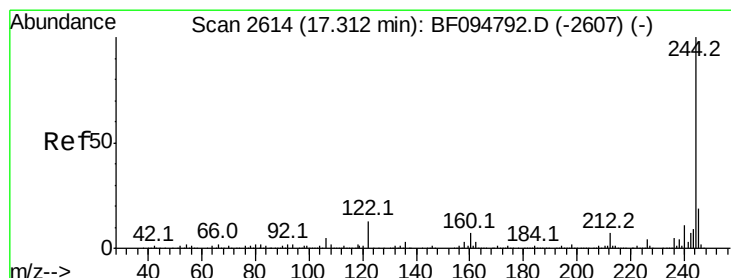
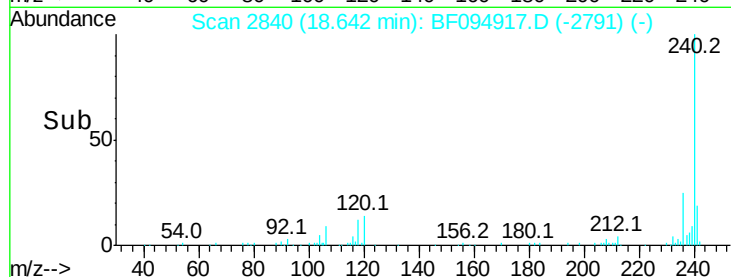
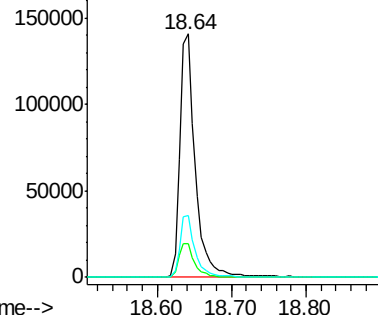
236 25.2 20.5 30.7



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: 11.61 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094917.D

Acq: 5 May 2017 14:58

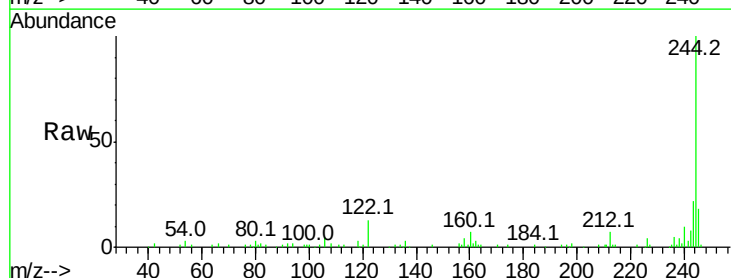
Tgt Ion:244 Resp: 106932

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

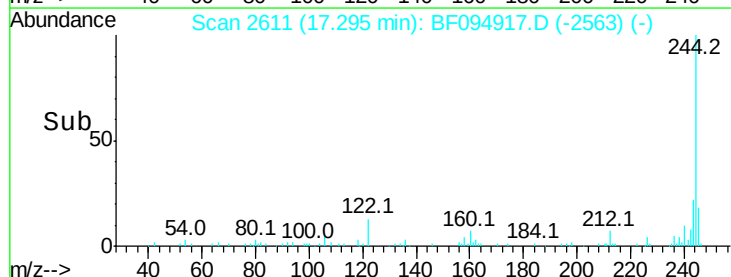
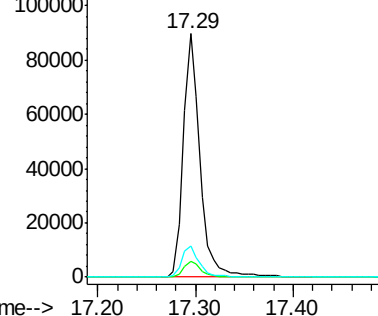
122 12.6 10.3 15.5

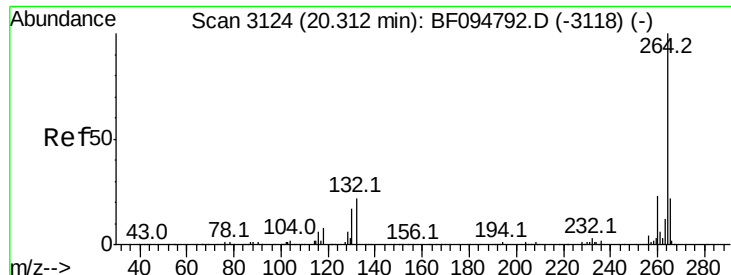


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

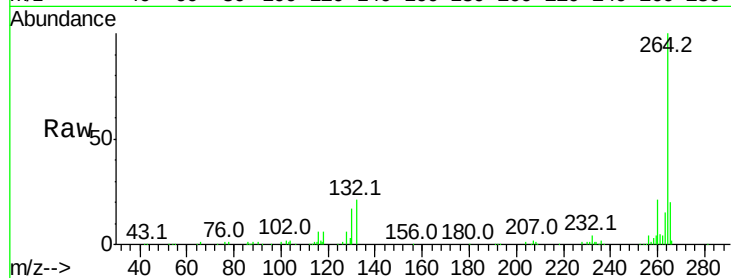




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	20.1	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

