

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094976.D
 Acq On : 8 May 2017 8:58
 Operator : SJ/MA
 Sample : I2947-17 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 11:16:38 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

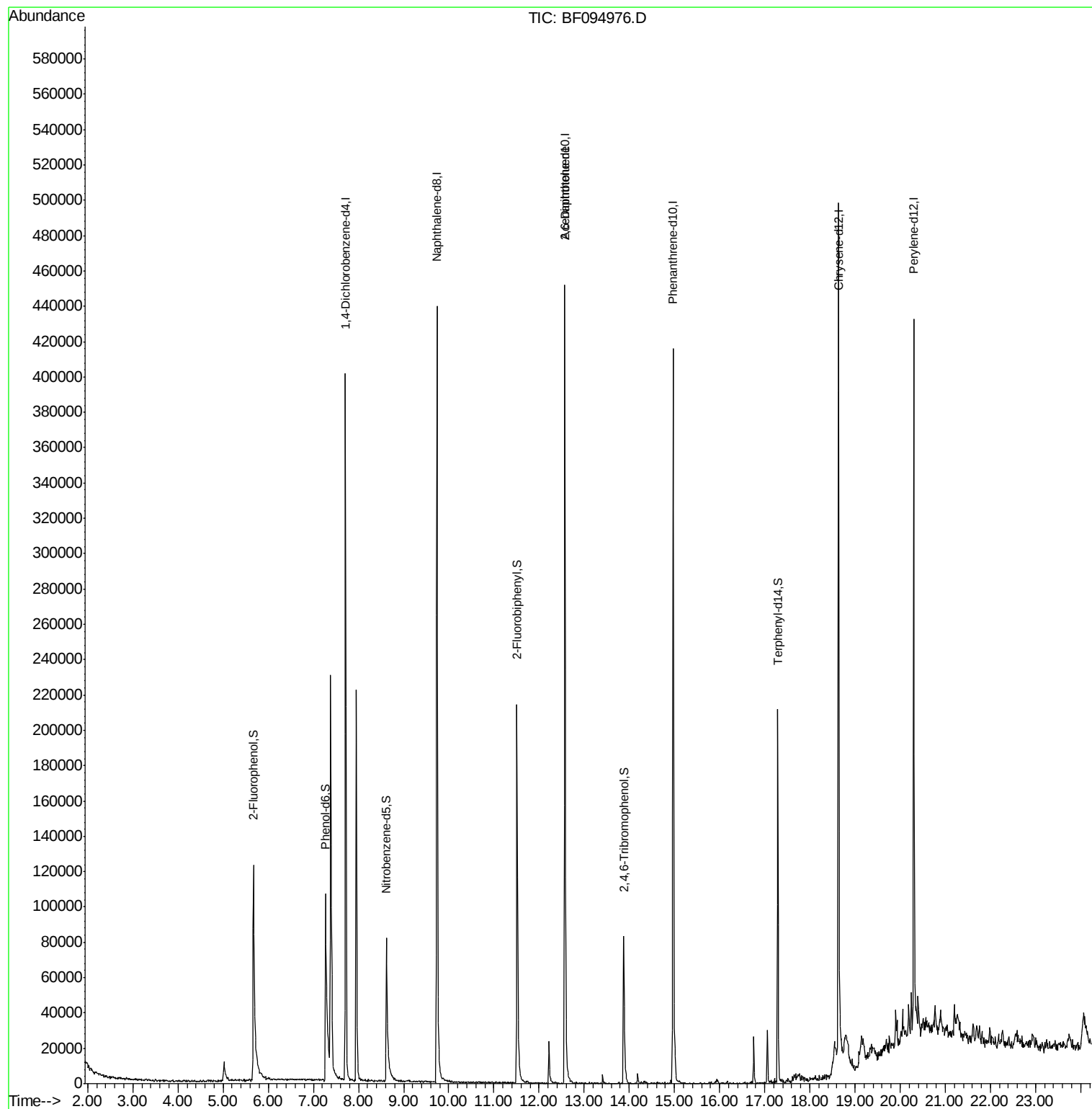
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	88703	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	353493	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	152290	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	246890	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	202032	20.00	ng	-0.02
86) Perylene-d12	20.30	264	171352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	101696	19.11	ng	0.00
7) Phenol-d6	7.27	99	127819	20.02	ng	-0.01
23) Nitrobenzene-d5	8.62	82	72579	12.95	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	21821	17.50	ng	0.00
44) 2-Fluorobiphenyl	11.51	172	134736	12.73	ng	-0.02
78) Terphenyl-d14	17.29	244	82888	9.04	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.57	165	14235	5.58	ng	Qvalue # 31

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

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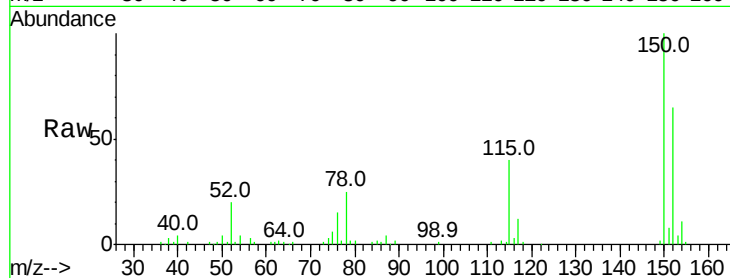


#1

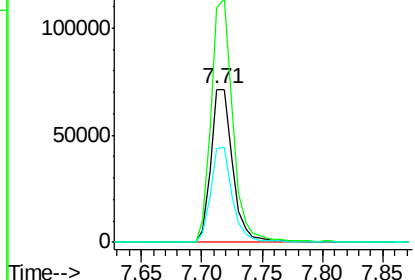
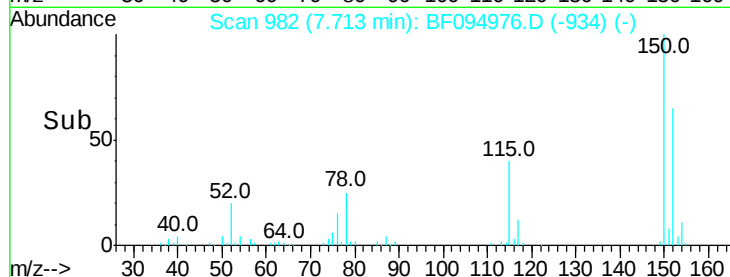
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88703
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 61.0 52.2 78.2



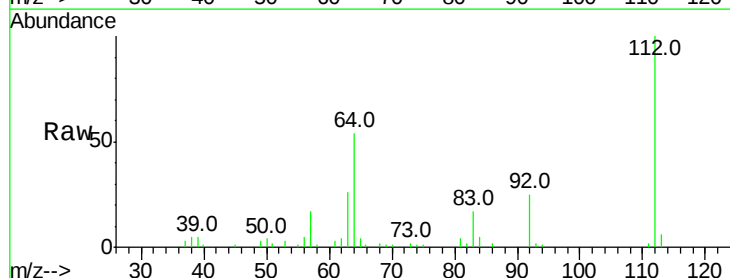
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



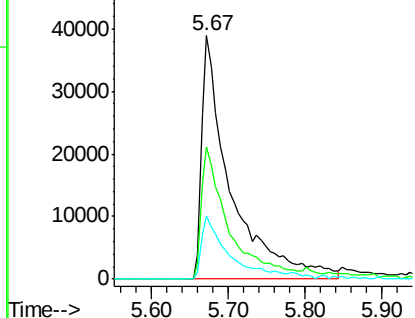
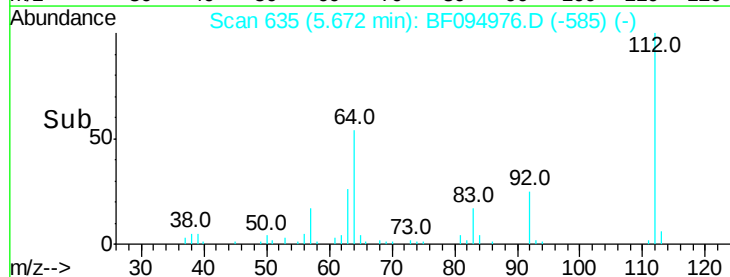
#5

2-Fluorophenol
Concen: 19.11 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:112 Resp: 101696
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.2 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: 20.02 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094976.D

Acq: 8 May 2017 8:58

Instrument :

BNA_F

ClientSampled :

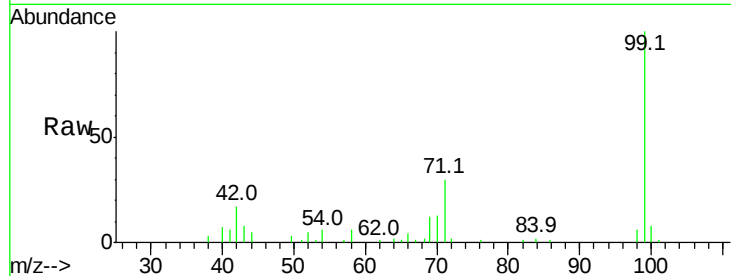
Tot Ion: 99 Resp: 127819

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

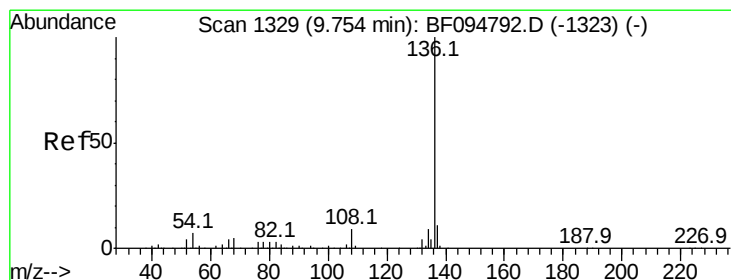
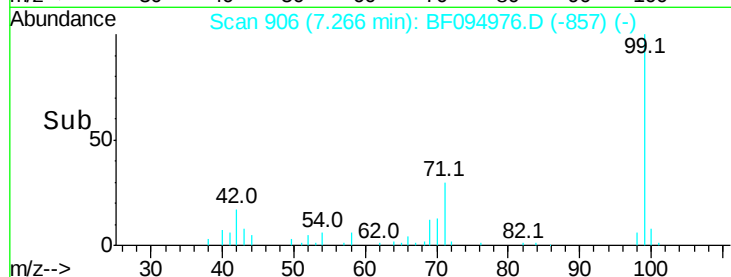
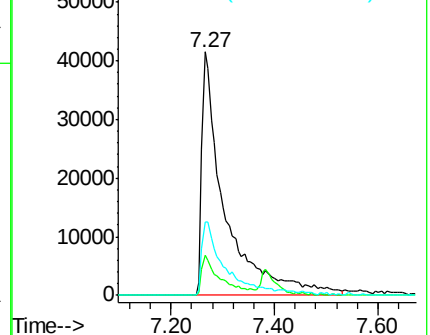
71 30.4 24.5 36.7



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: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094976.D

Acq: 8 May 2017 8:58

Tgt Ion: 136 Resp: 353493

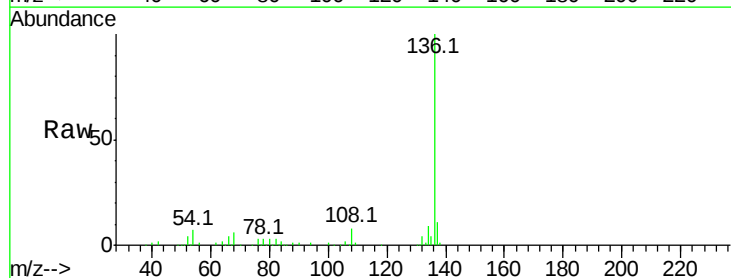
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.5 4.1 6.1

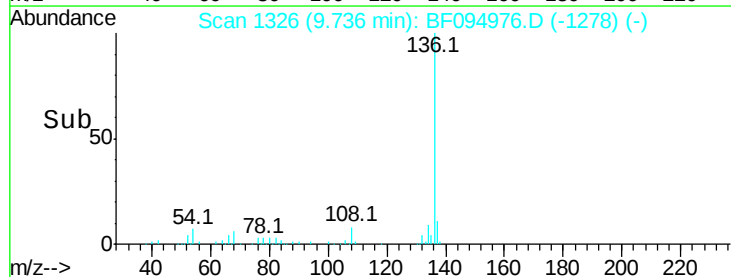
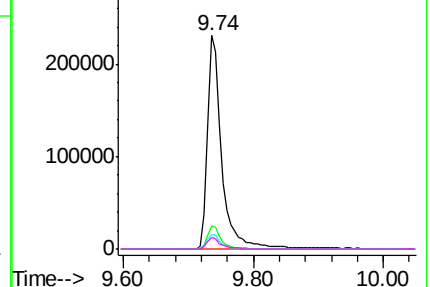


Abundance Ion 136.00 (135.70 to 136.70): E

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

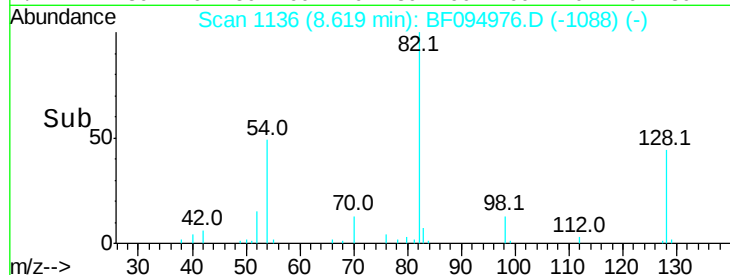
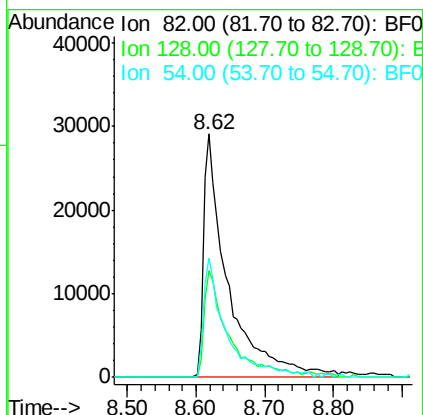
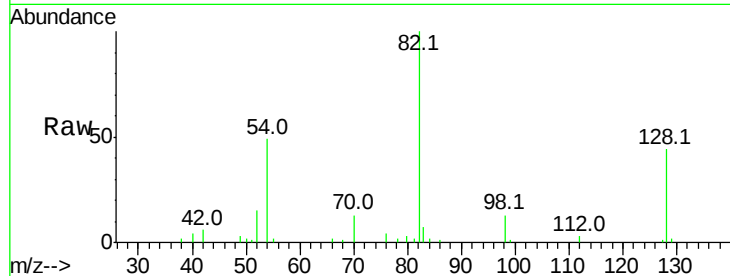




#23
 Nitrobenzene-d5
 Concen: 12.95 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094976.D
 Acq: 8 May 2017 8:58

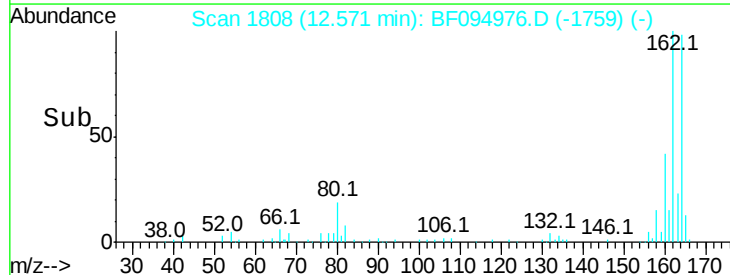
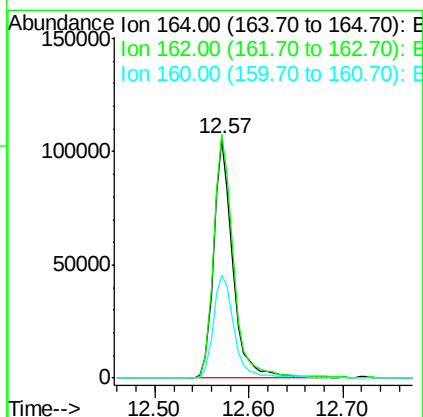
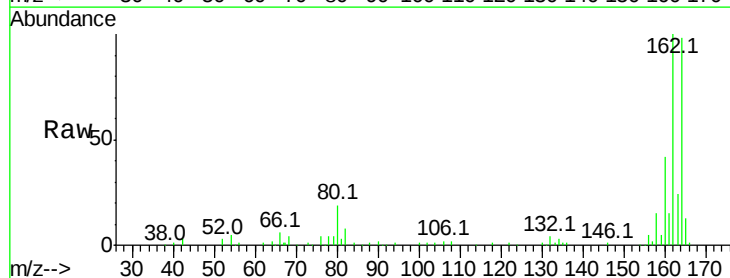
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	72579
Ion Ratio	100	Lower	Upper
128	43.8	34.0	51.0
54	49.0	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094976.D
 Acq: 8 May 2017 8:58

Tgt Ion	164	Resp	152290
Ion Ratio	100	Lower	Upper
162	101.8	82.6	123.8
160	43.0	36.2	54.2

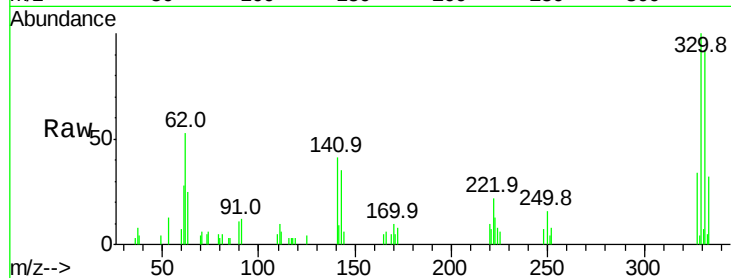




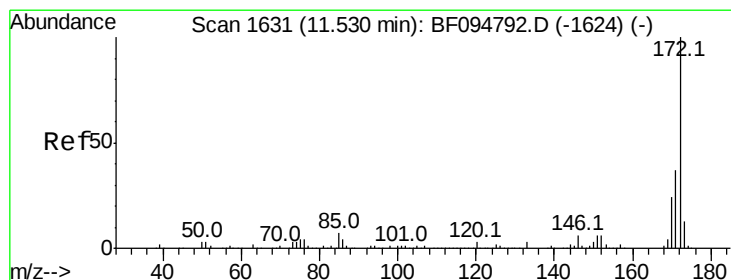
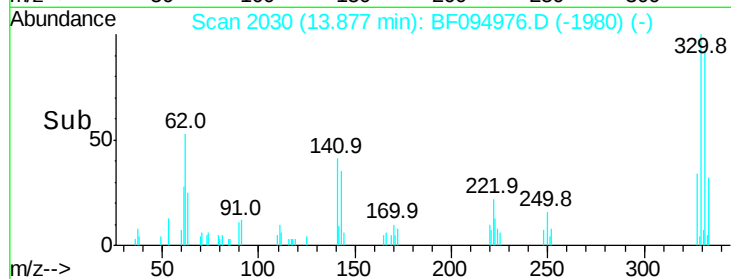
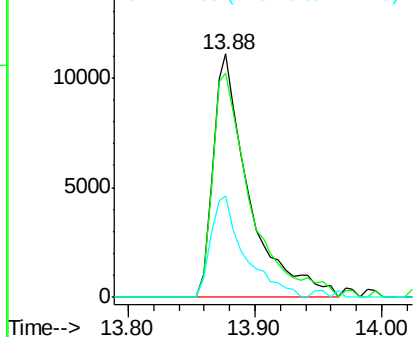
#41
 2,4,6-Tribromophenol
 Concen: 17.50 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094976.D
 Acq: 8 May 2017 8:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 21821
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.1 31.4 47.2

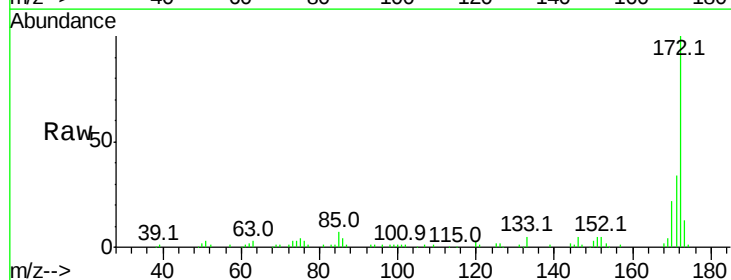


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

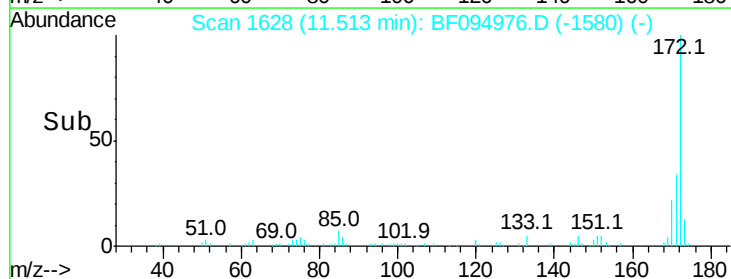
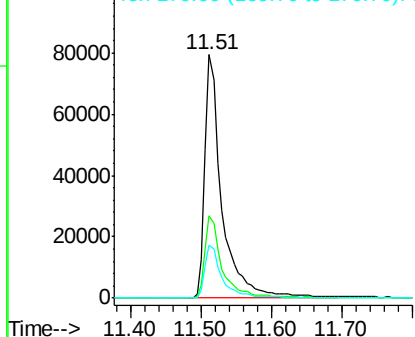


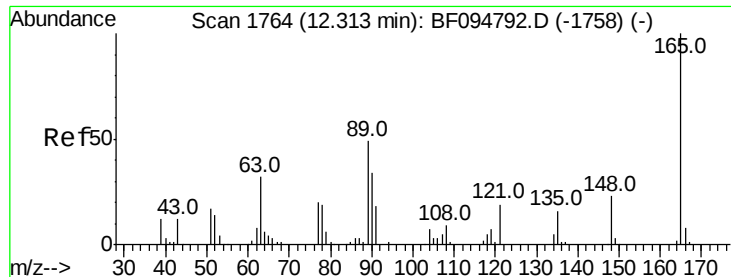
#44
 2-Fluorobiphenyl
 Concen: 12.73 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094976.D
 Acq: 8 May 2017 8:58

Tgt Ion:172 Resp: 134736
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.6 44.4
 170 21.7 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

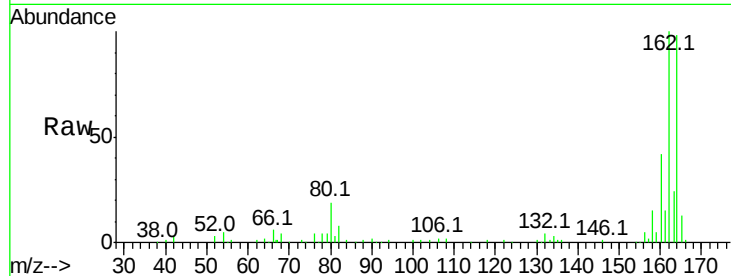




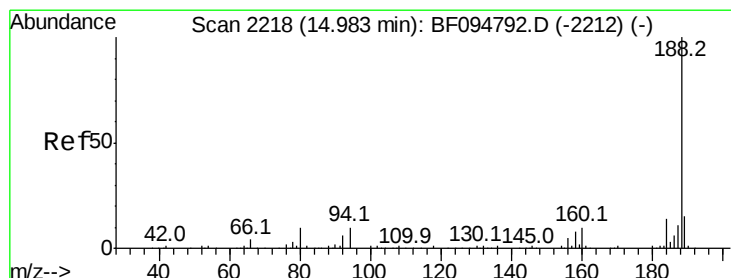
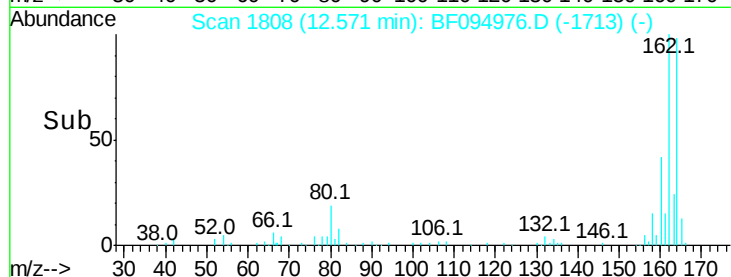
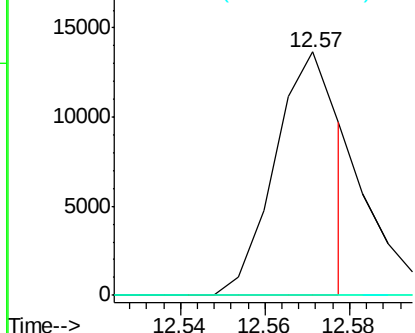
#50
 2,6-Dinitrotoluene
 Concen: 5.58 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094976.D
 Acq: 8 May 2017 8:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 14235
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

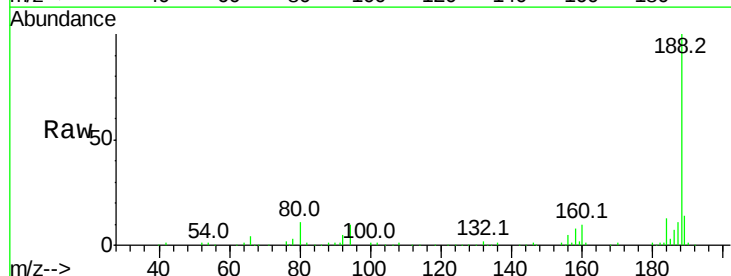


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

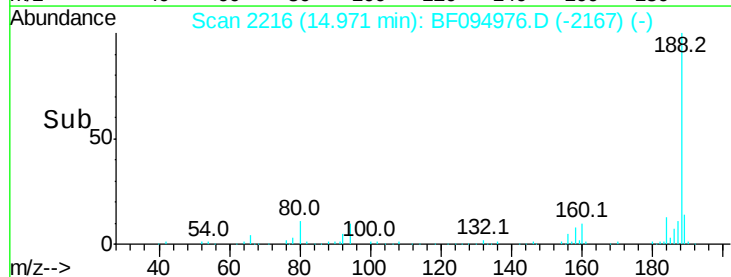
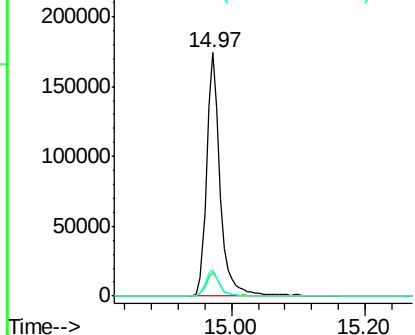


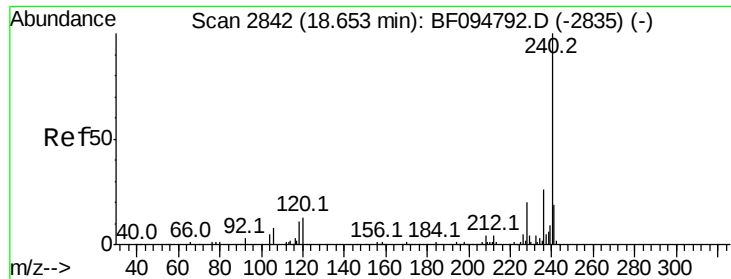
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094976.D
 Acq: 8 May 2017 8:58

Tgt Ion:188 Resp: 246890
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.4 14.2
 80 10.8 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# 2839

Delta R.T. -0.02 min

Lab File: BF094976.D

Acq: 8 May 2017 8:58

Instrument :

BNA_F

ClientSampleId :

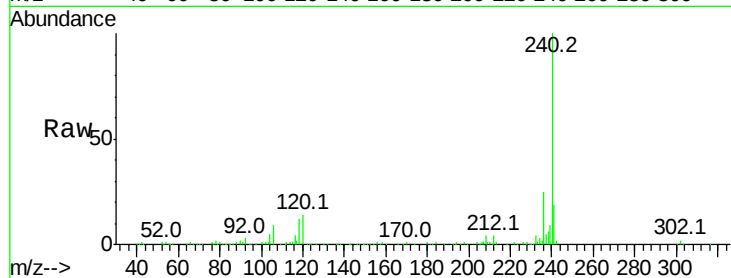
Tot Ion:240 Resp: 202032

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

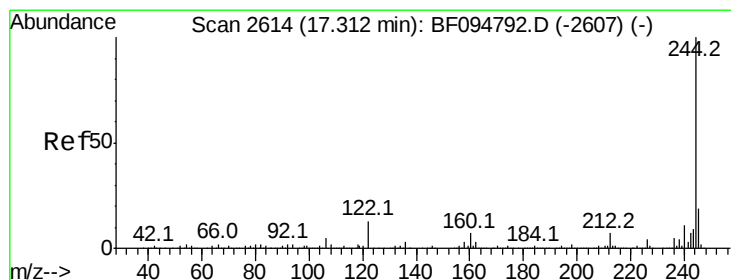
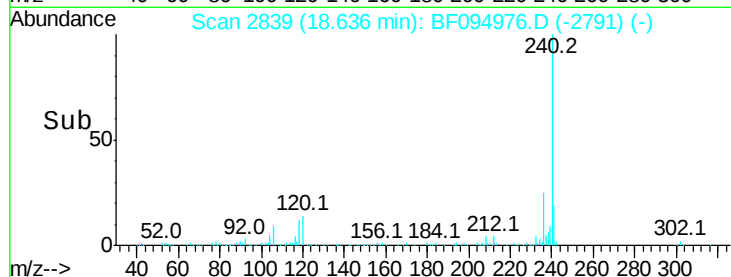
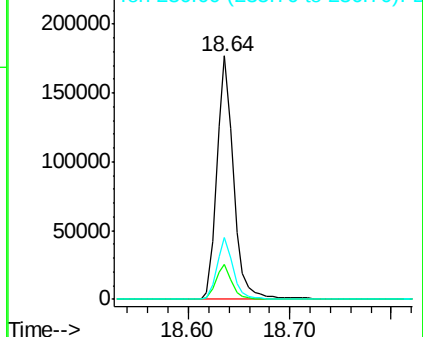
236 25.4 20.5 30.7



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: 9.04 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF094976.D

Acq: 8 May 2017 8:58

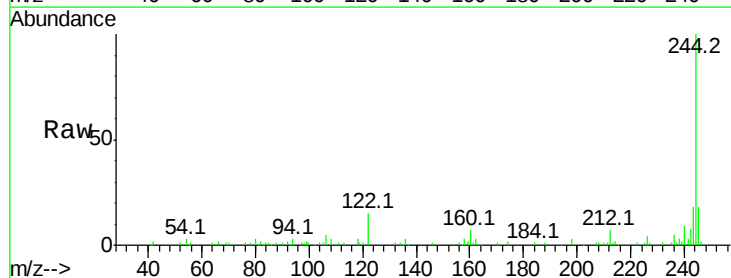
Tgt Ion:244 Resp: 82888

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

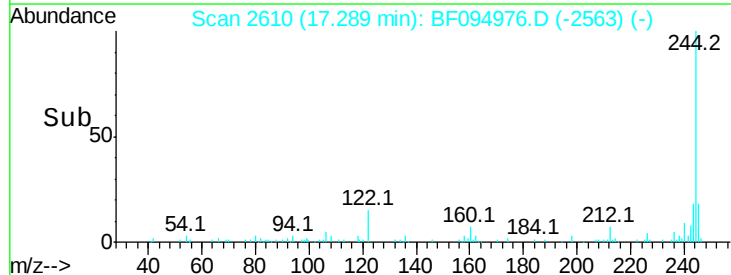
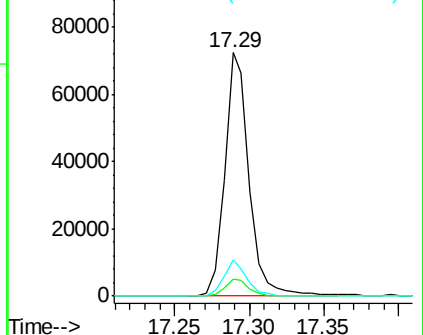
122 14.7 10.3 15.5

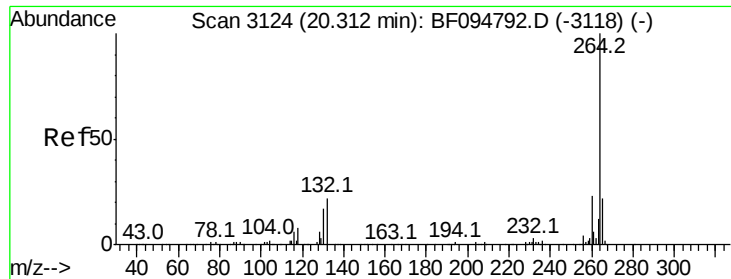


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

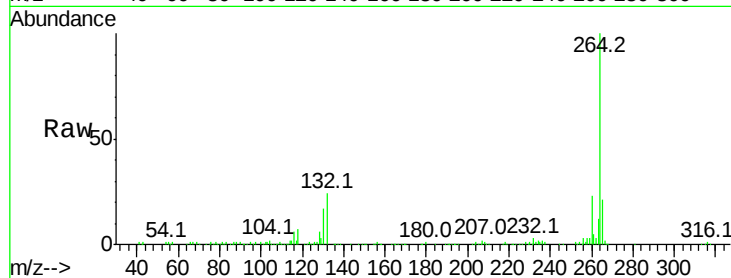




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.8	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

