

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094947.D
 Acq On : 6 May 2017 7:29
 Operator : SJ/MA
 Sample : I2952-01RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 01:36:25 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

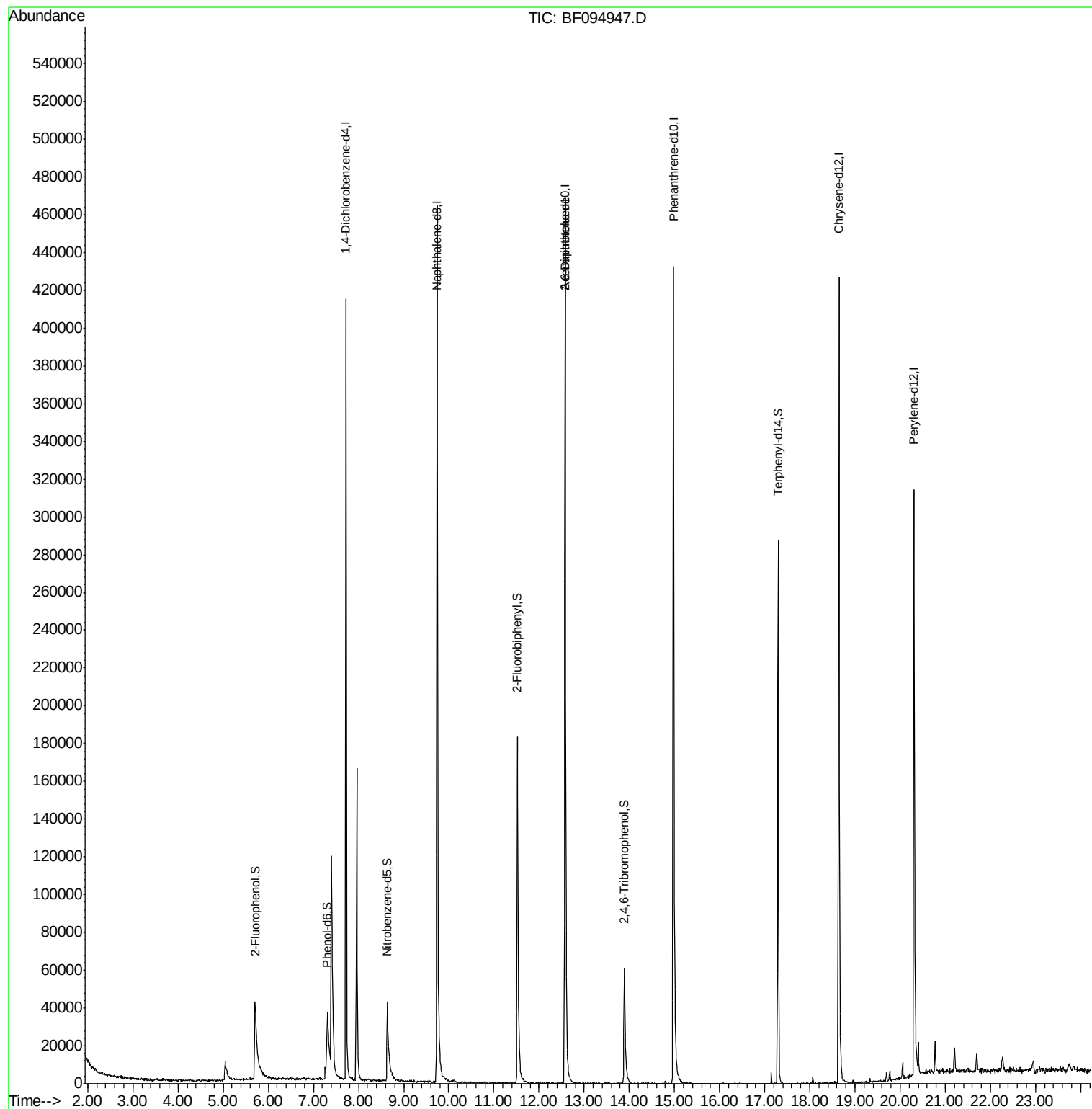
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	93019	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	382554	20.00	ng	-0.01
38) Acenaphthene-d10	12.58	164	175618	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	325406	20.00	ng	0.00
75) Chrysene-d12	18.64	240	234784	20.00	ng	-0.01
86) Perylene-d12	20.31	264	181963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	49836	8.93	ng	0.03
7) Phenol-d6	7.31	99	63539	9.49	ng	0.03
23) Nitrobenzene-d5	8.64	82	50428	8.31	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	21085	14.66	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	131266	10.76	ng	-0.01
78) Terphenyl-d14	17.29	244	119931	11.25	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.58	165	16471	5.60	ng	Qvalue # 31

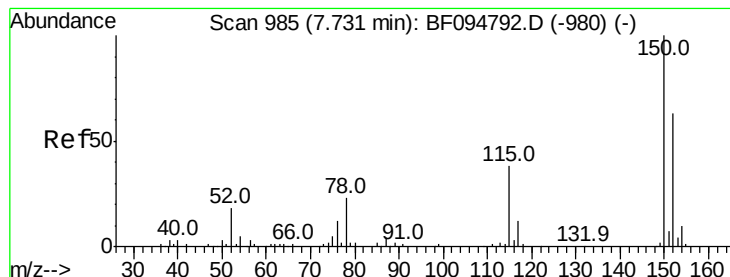
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

Instrument :

BNA_F

ClientSampleId :

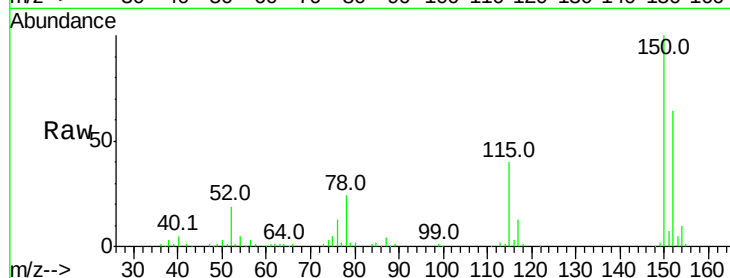
Tot Ion:152 Resp: 93019

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

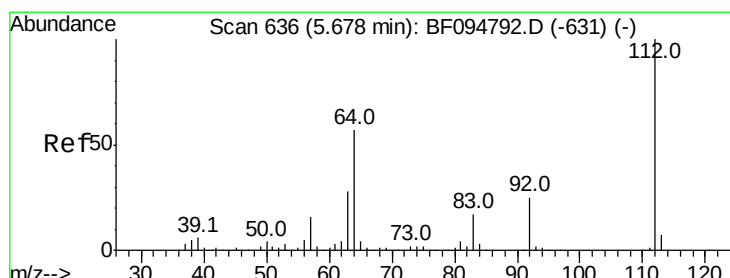
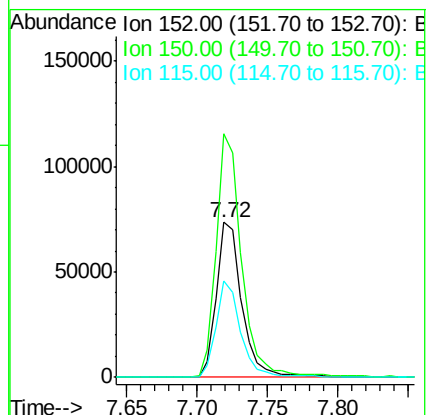
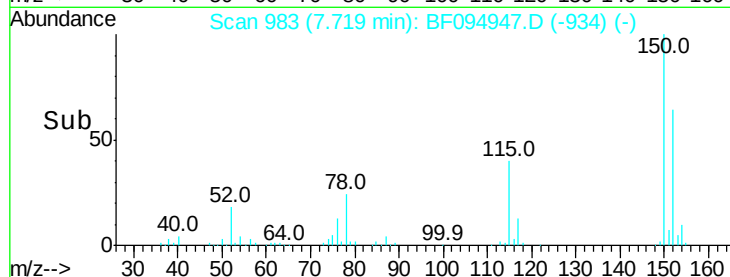
115 62.3 52.2 78.2



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



#5

2-Fluorophenol

Concen: 8.93 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.03 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

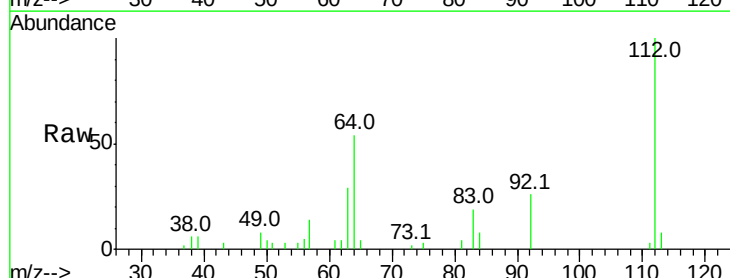
Tgt Ion:112 Resp: 49836

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

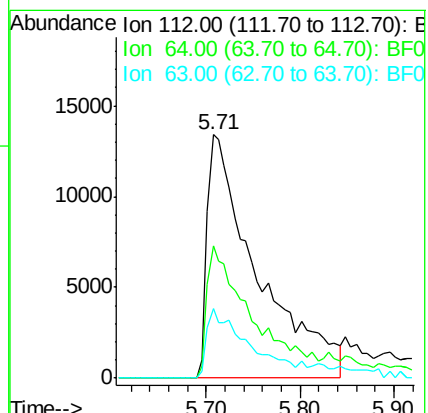
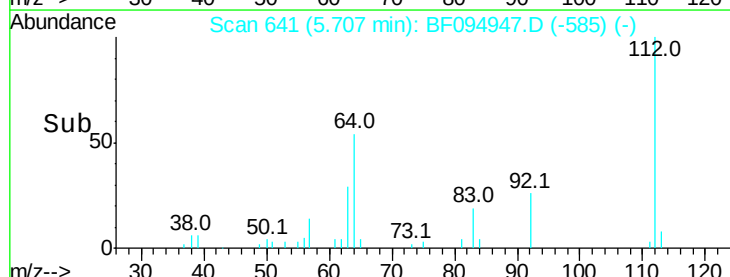
63 28.6 23.4 35.0

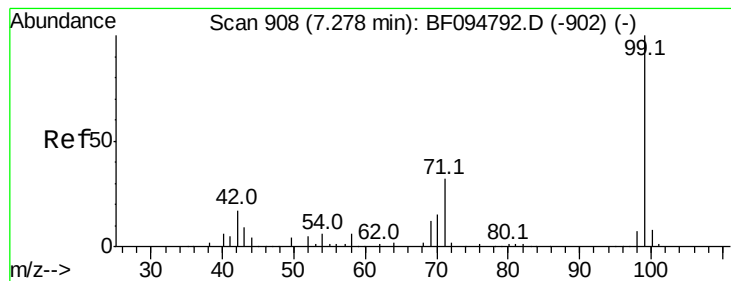


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.49 ng

RT: 7.31 min Scan# 913

Delta R.T. 0.03 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

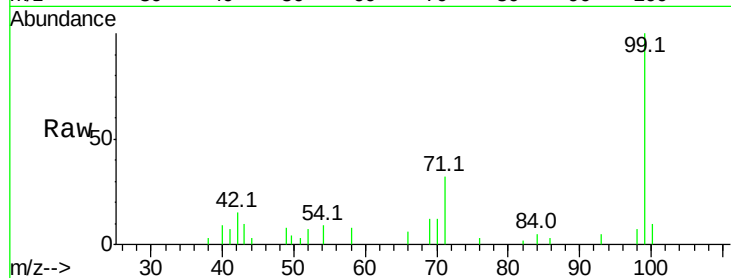
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 63539

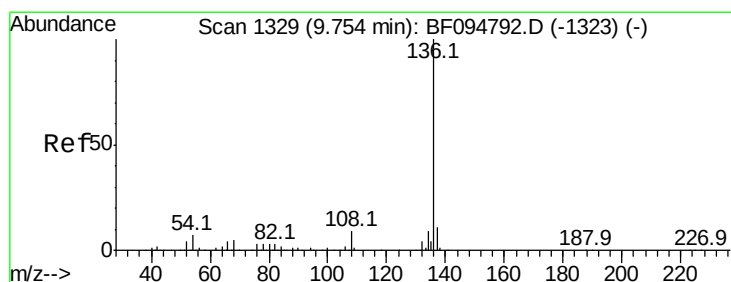
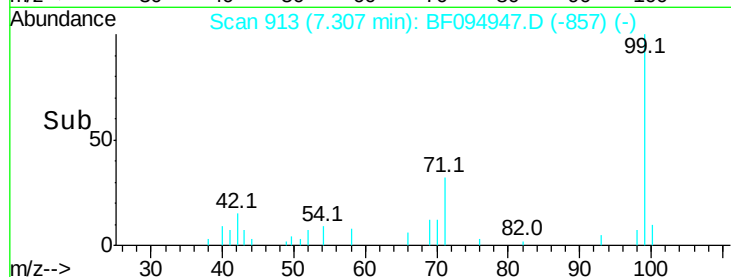
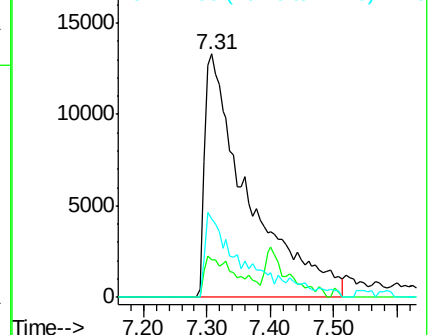
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.3	24.5	36.7



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# 1327

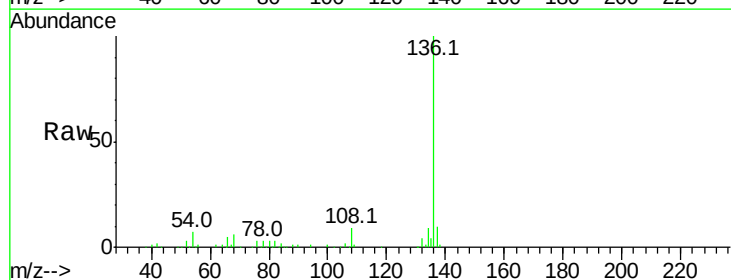
Delta R.T. -0.01 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

Tgt Ion: 136 Resp: 382554

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.6	4.9	7.3
68	5.7	4.1	6.1

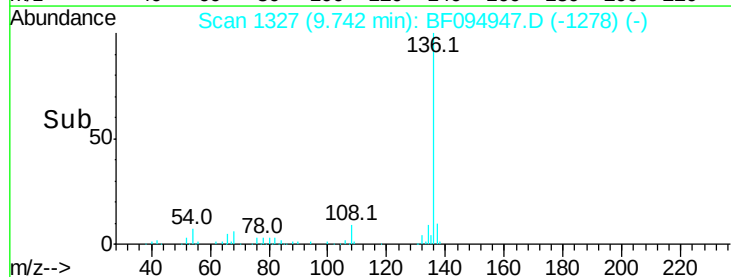
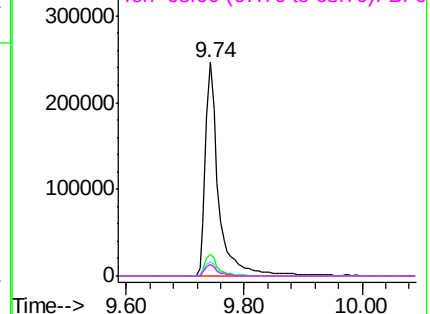


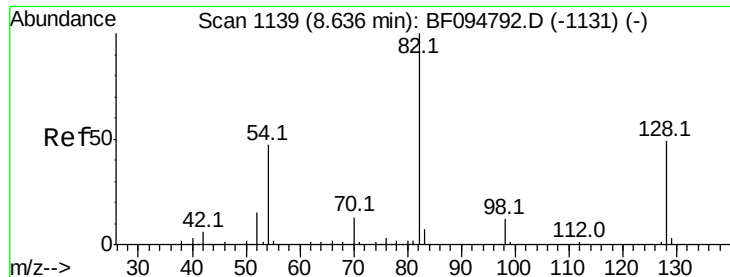
Abundance Ion 136.00 (135.70 to 136.70): E

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

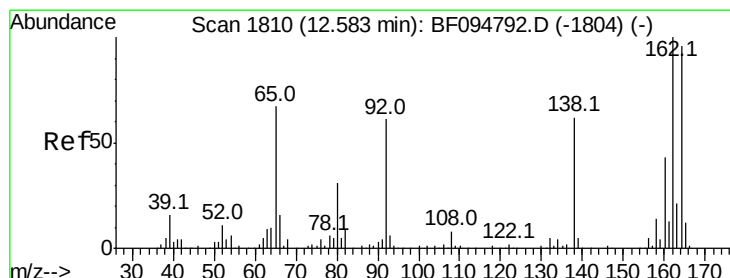
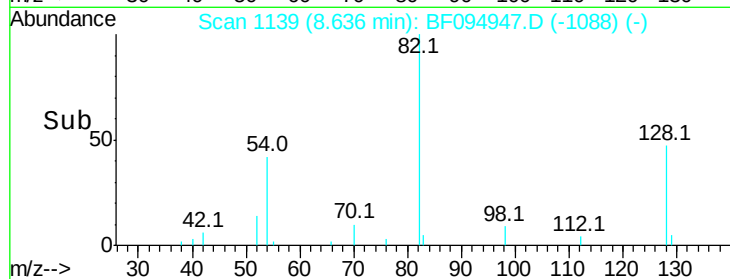
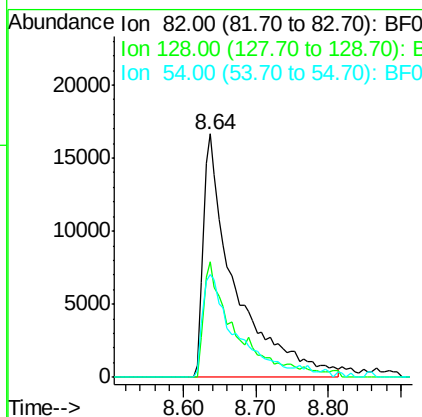
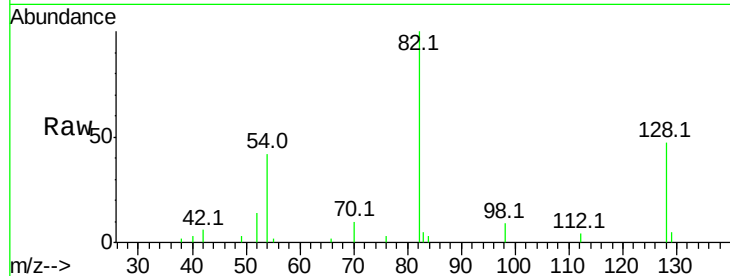




#23
 Nitrobenzene-d5
 Concen: 8.31 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094947.D
 Acq: 6 May 2017 7:29

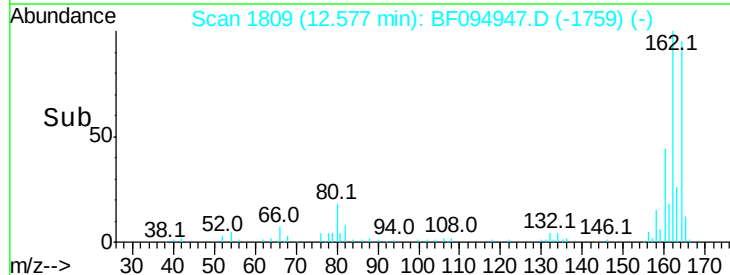
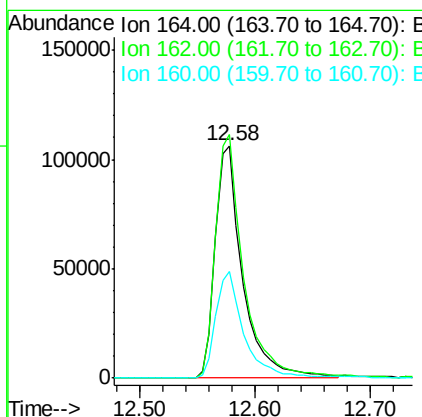
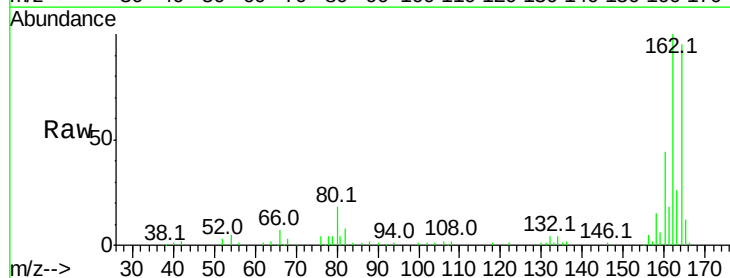
Instrument :
 BNA_F
 ClientSampleId :

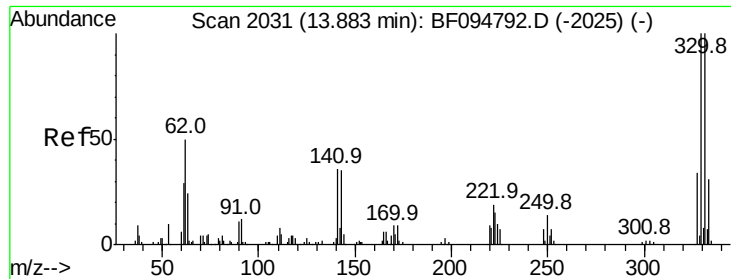
Tot Ion: 82 Resp: 50428
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 42.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094947.D
 Acq: 6 May 2017 7:29

Tgt Ion: 164 Resp: 175618
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 45.9 36.2 54.2

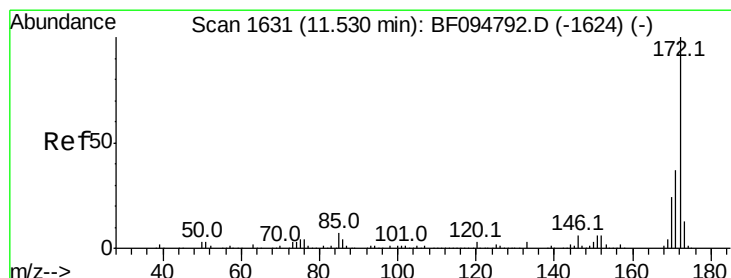
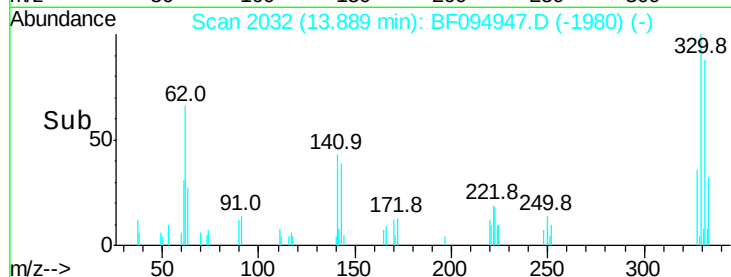
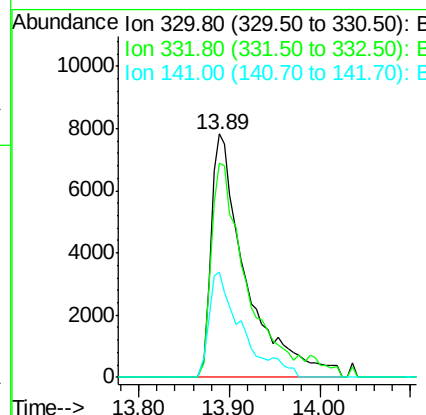
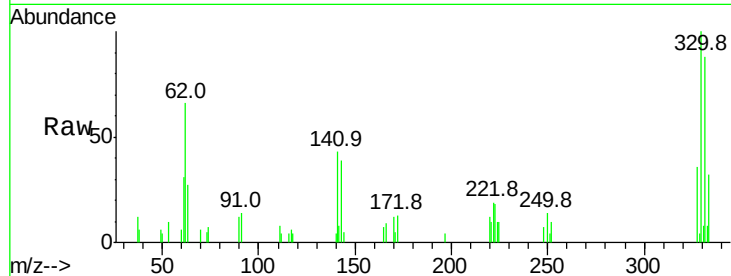




#41
 2,4,6-Tribromophenol
 Concen: 14.66 ng
 RT: 13.89 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF094947.D
 Acq: 6 May 2017 7:29

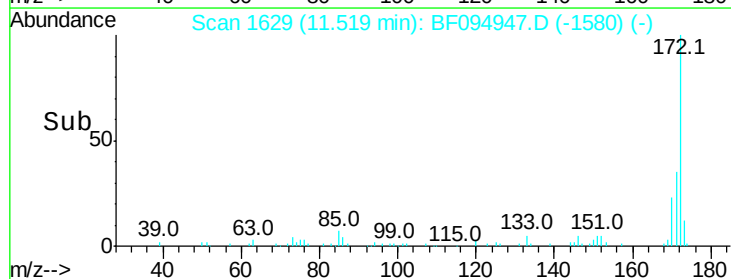
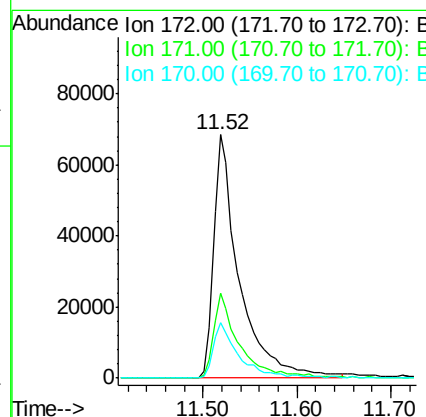
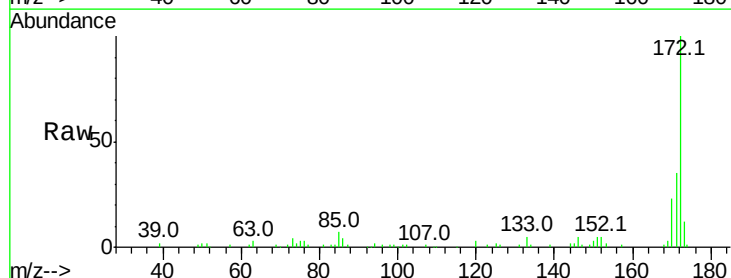
Instrument :
 BNA_F
 ClientSampled :

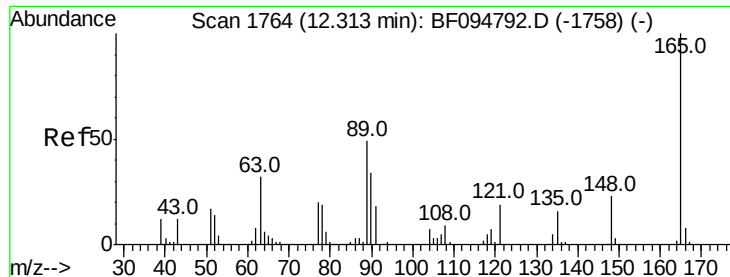
Tot Ion:330 Resp: 21085
 Ion Ratio Lower Upper
 330 100
 332 88.2 76.6 115.0
 141 40.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 10.76 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094947.D
 Acq: 6 May 2017 7:29

Tgt Ion:172 Resp: 131266
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 22.8 19.8 29.8





#50

2,6-Dinitrotoluene

Concen: 5.60 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.26 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

Instrument :

BNA_F

ClientSampleId :

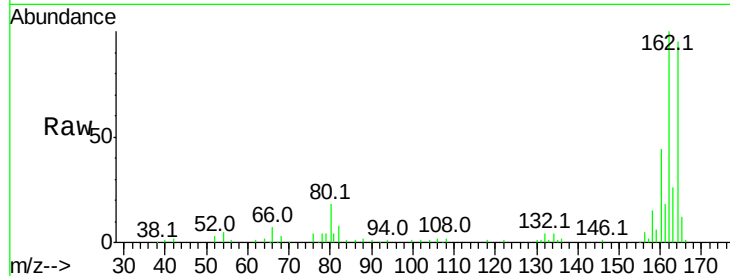
Tot Ion:165 Resp: 16471

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

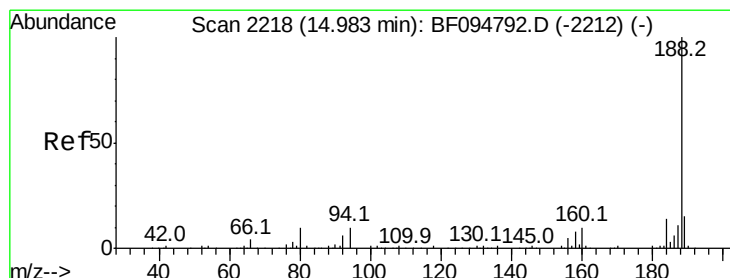
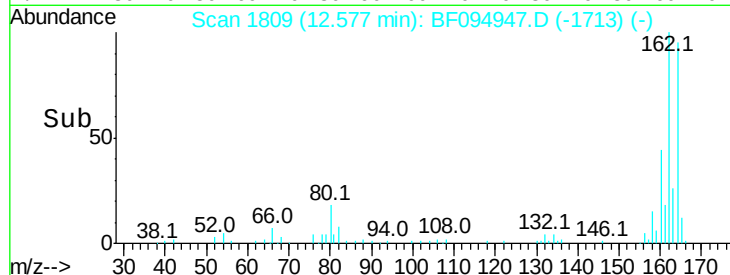
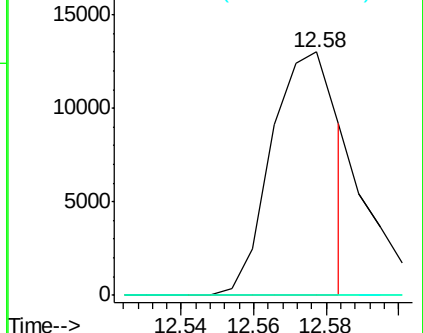
89 0.0 37.1 55.7#



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: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

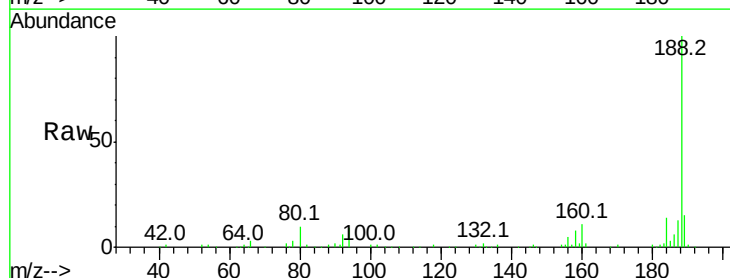
Tgt Ion:188 Resp: 325406

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

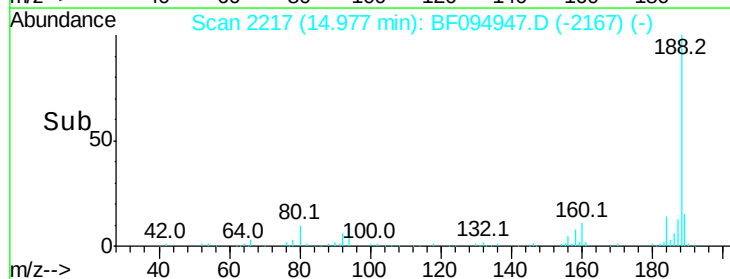
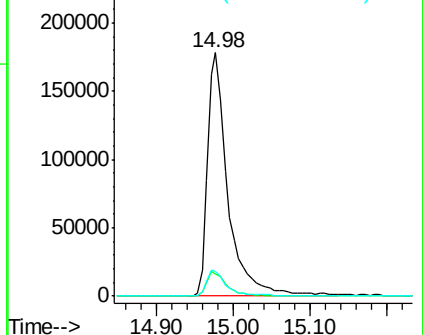
80 10.3 10.2 15.2

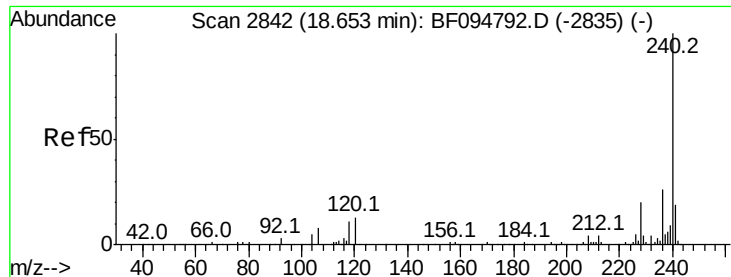


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094947.D

Acq: 6 May 2017 7:29

Instrument :

BNA_F

ClientSampleId :

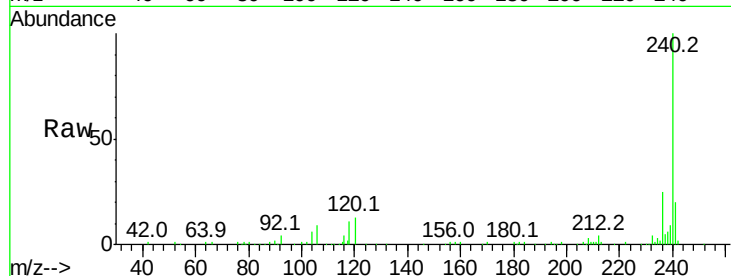
Tot Ion:240 Resp: 234784

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

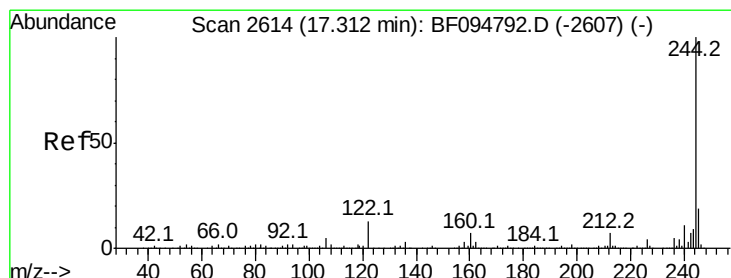
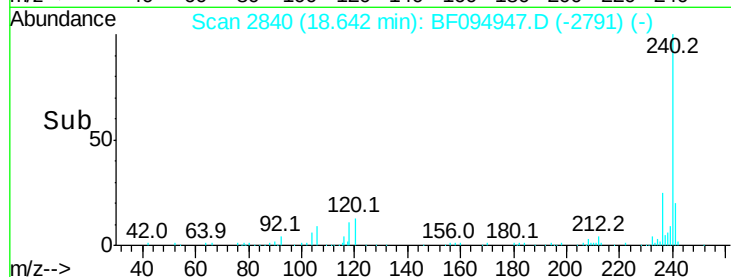
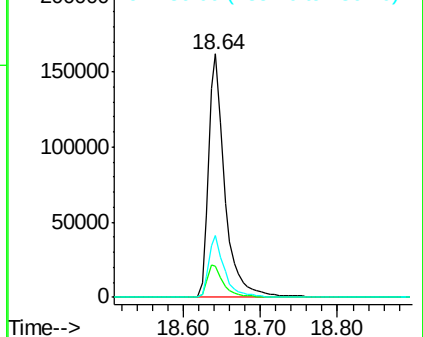
236 25.5 20.5 30.7



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: 11.25 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094947.D

Acq: 6 May 2017 7:29

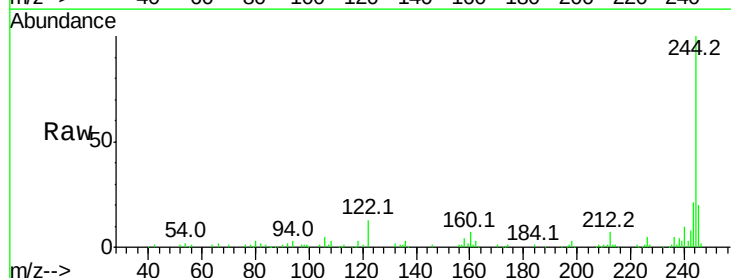
Tgt Ion:244 Resp: 119931

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

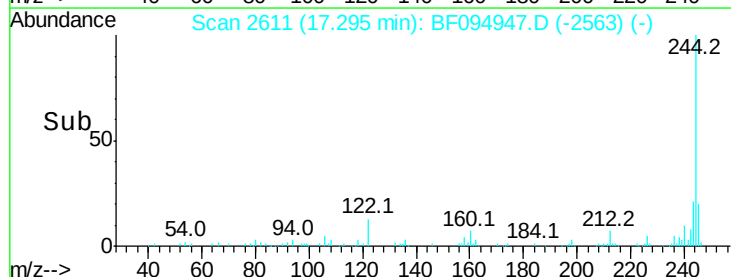
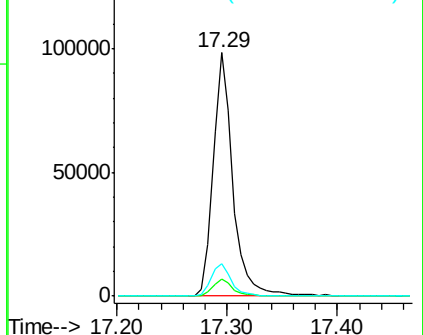
122 13.3 10.3 15.5

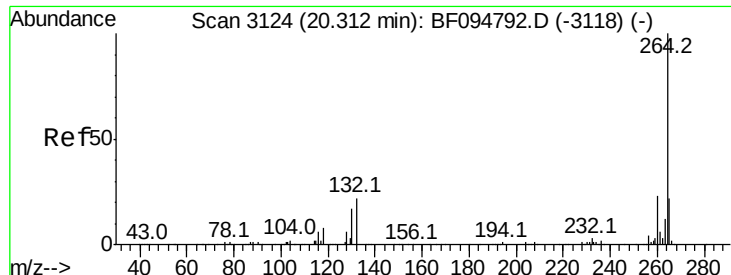


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

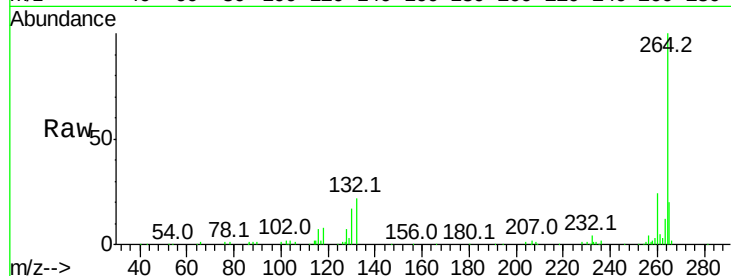




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094947.D
 Acq: 6 May 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.2	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

