

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095604.D
 Acq On : 1 Jun 2017 20:12
 Operator : SJ/MA
 Sample : I3384-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:25:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

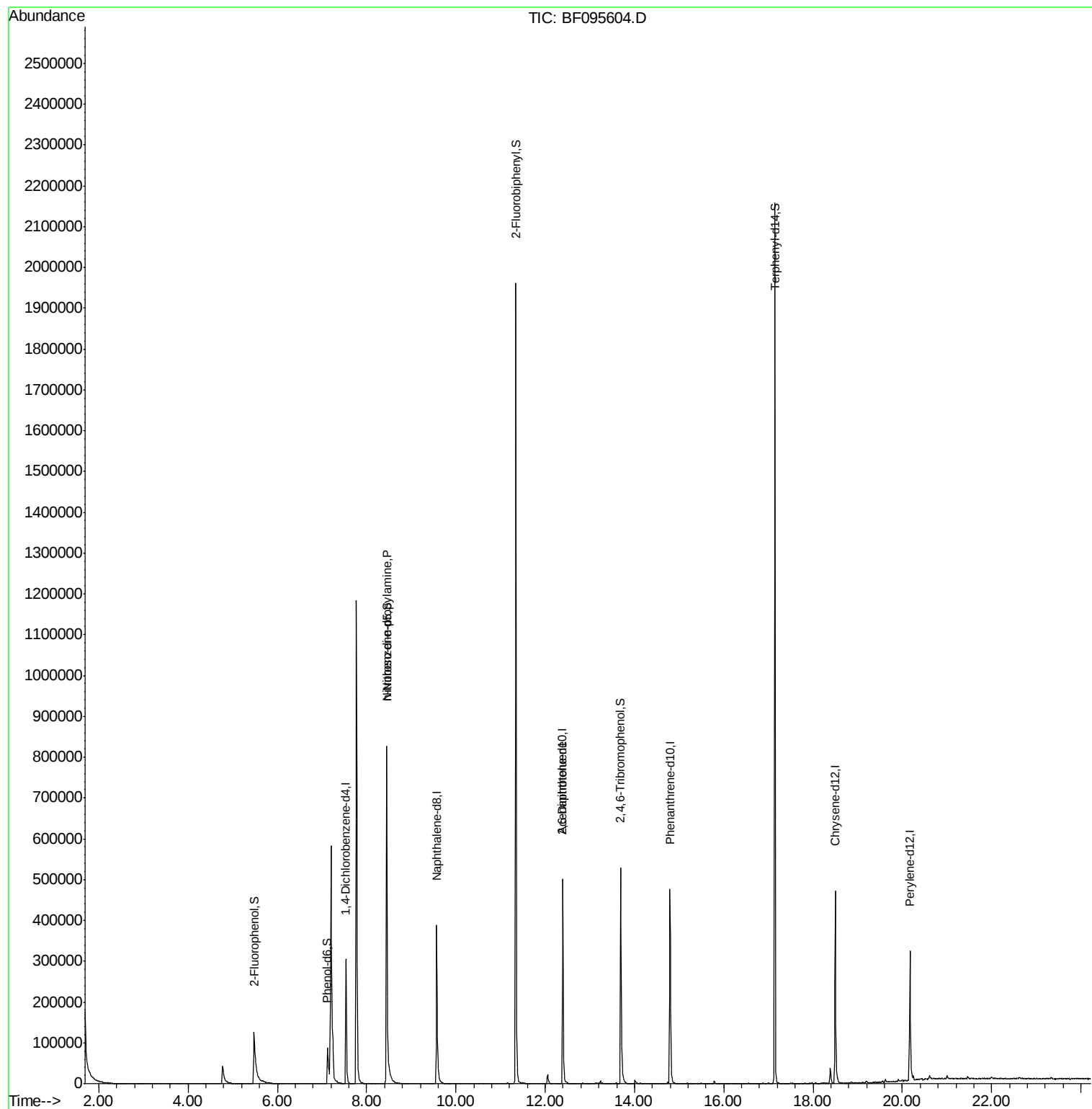
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	78564	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	321943	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	150723	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	291711	20.00	ng	0.00
75) Chrysene-d12	18.50	240	252822	20.00	ng	0.00
86) Perylene-d12	20.17	264	173963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	138816	29.46	ng	0.03
7) Phenol-d6	7.12	99	124119	21.95	ng	0.02
23) Nitrobenzene-d5	8.45	82	470640	92.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	102729	83.22	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	931166	88.92	ng	0.00
78) Terphenyl-d14	17.15	244	865122	75.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	57727	15.10	ng	# 73
50) 2,6-Dinitrotoluene	12.39	165	18510	7.33	ng	# 31

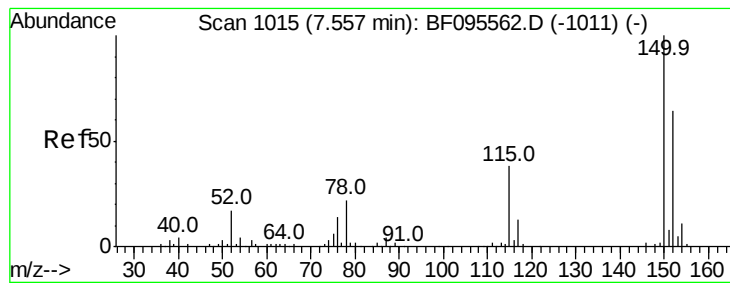
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095604.D

Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :

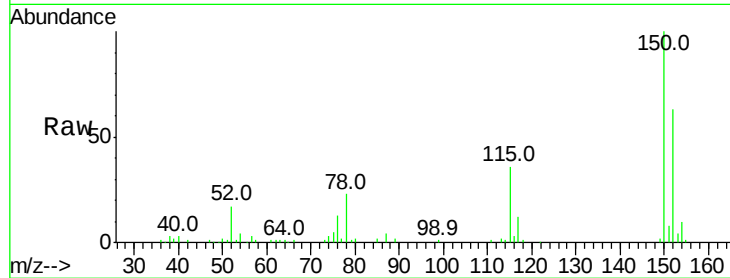
Tot Ion:152 Resp: 78564

Ion Ratio Lower Upper

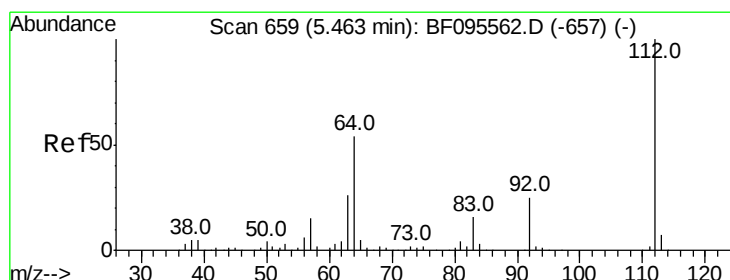
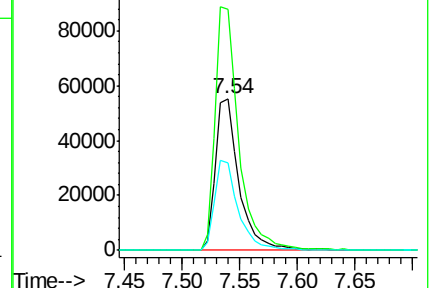
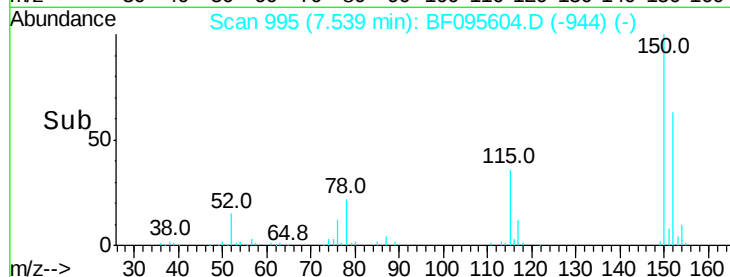
152 100

150 159.4 126.2 189.2

115 57.8 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: 29.46 ng

RT: 5.47 min Scan# 644

Delta R.T. 0.03 min

Lab File: BF095604.D

Acq: 1 Jun 2017 20:12

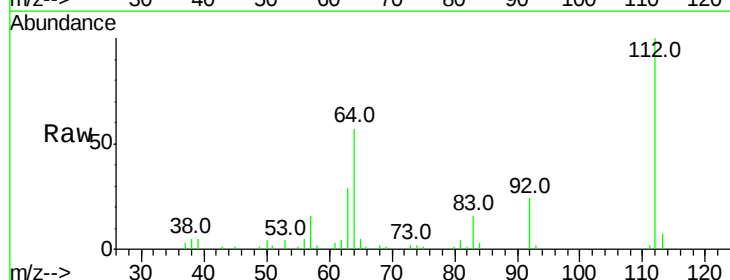
Tgt Ion:112 Resp: 138816

Ion Ratio Lower Upper

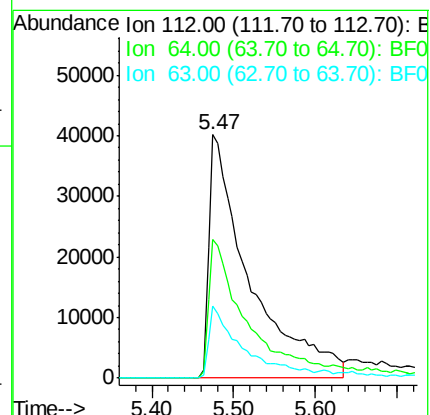
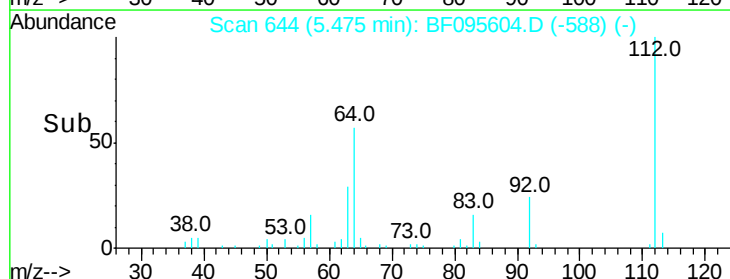
112 100

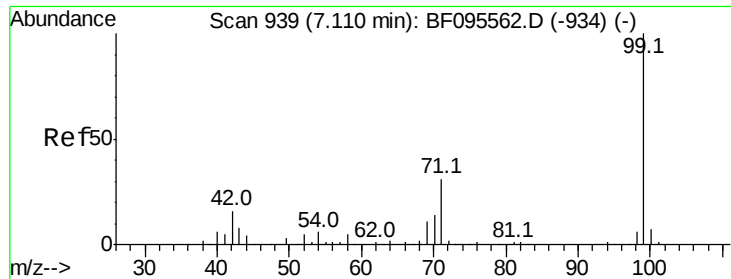
64 56.8 46.0 69.0

63 29.4 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: 21.95 ng

RT: 7.12 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF095604.D

Acq: 1 Jun 2017 20:12

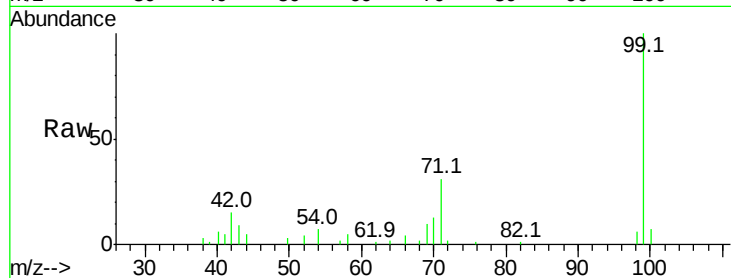
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 124119

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	30.8	24.5	36.7

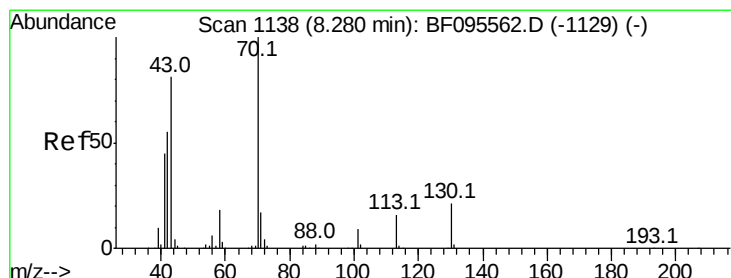
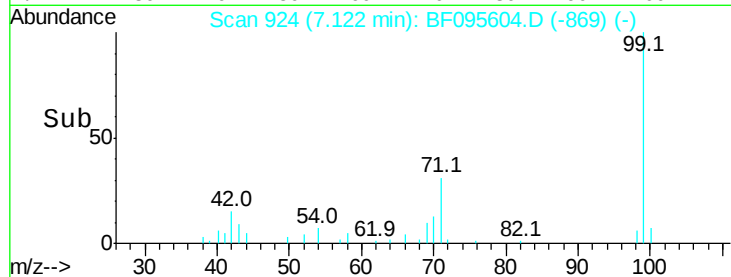


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.10 ng

RT: 8.45 min Scan# 1150

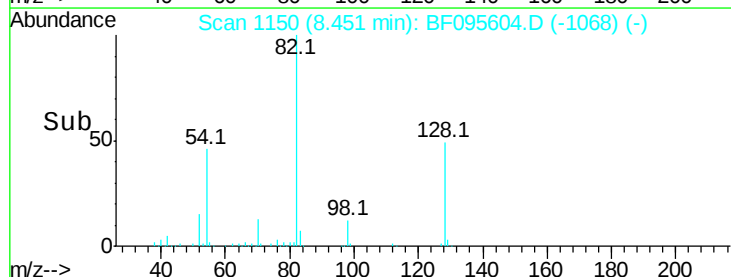
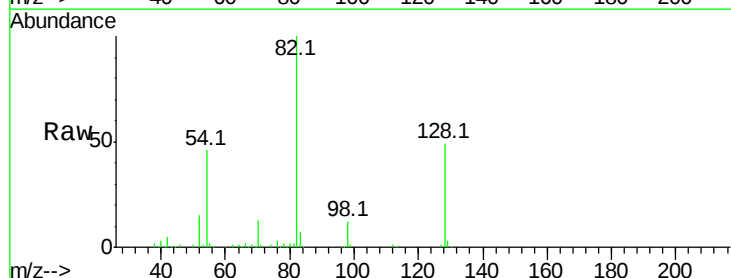
Delta R.T. 0.18 min

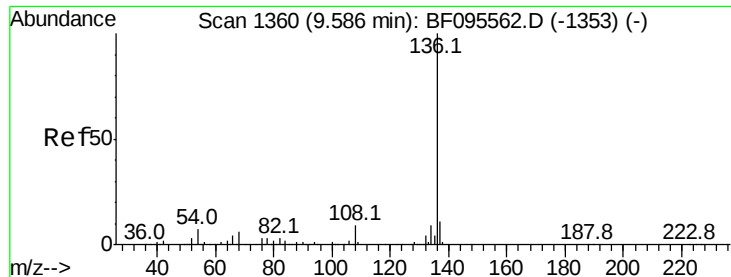
Lab File: BF095604.D

Acq: 1 Jun 2017 20:12

Tgt Ion: 70 Resp: 57727

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095604.D

Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 321943

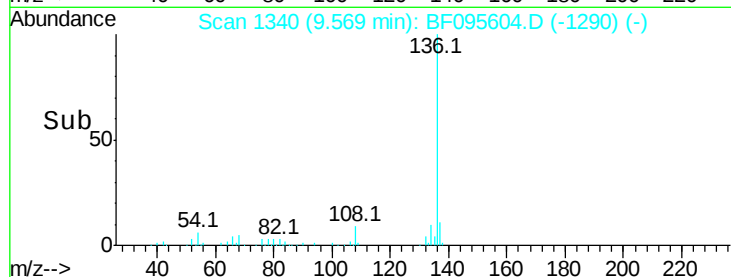
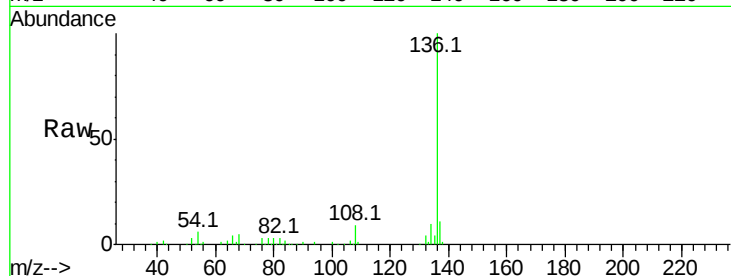
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.1 4.9 7.3

68 5.2 4.1 6.1

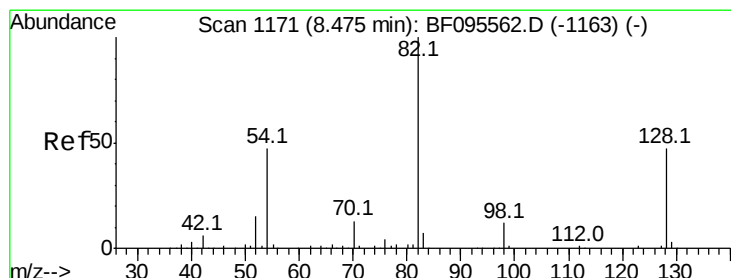
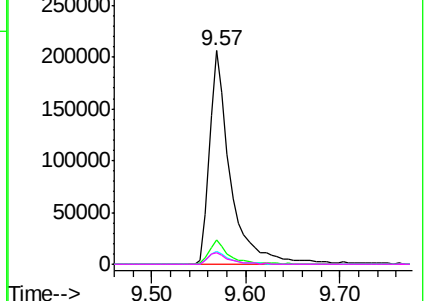


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.18 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095604.D

Acq: 1 Jun 2017 20:12

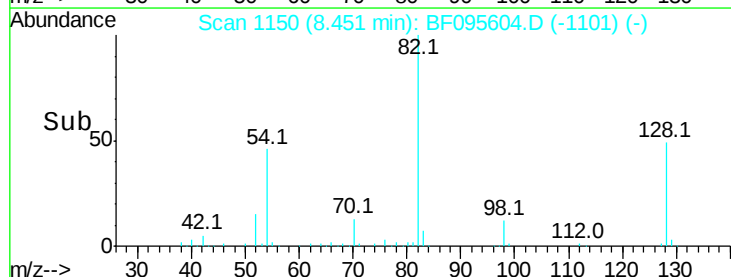
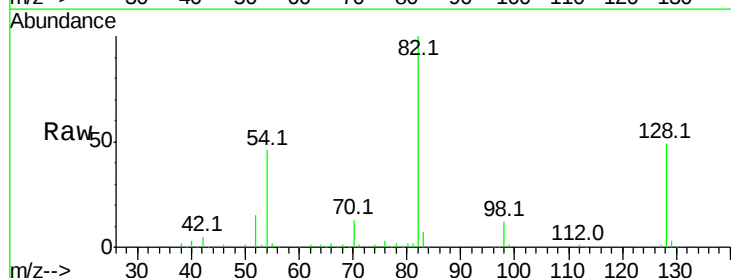
Tgt Ion: 82 Resp: 470640

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

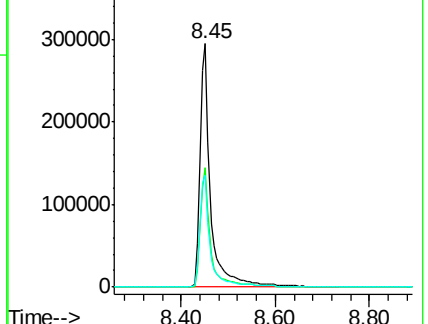
54 45.8 42.2 63.2

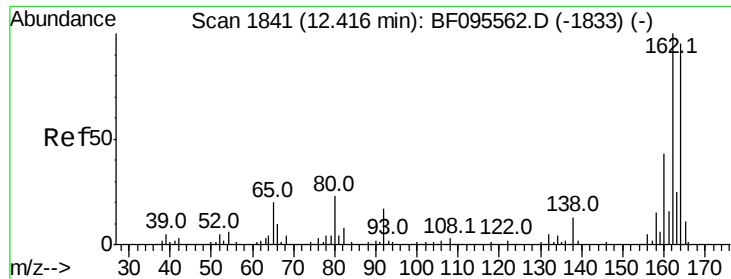


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

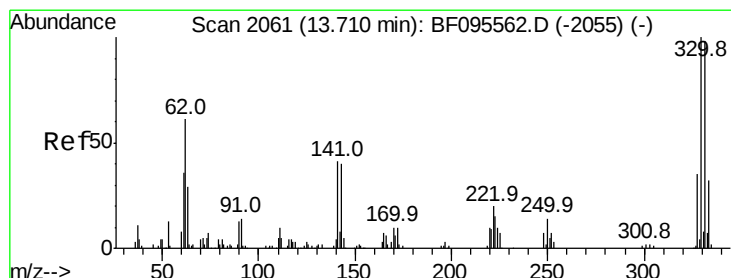
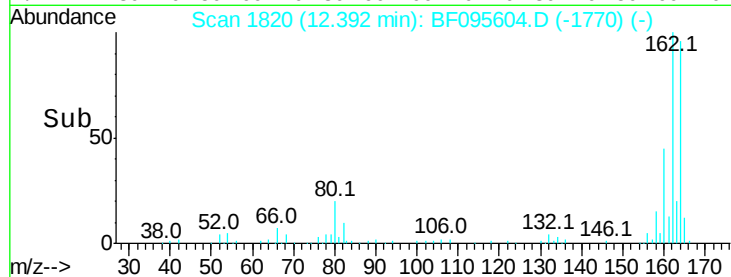
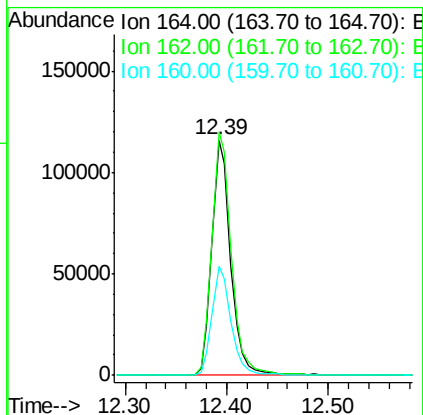
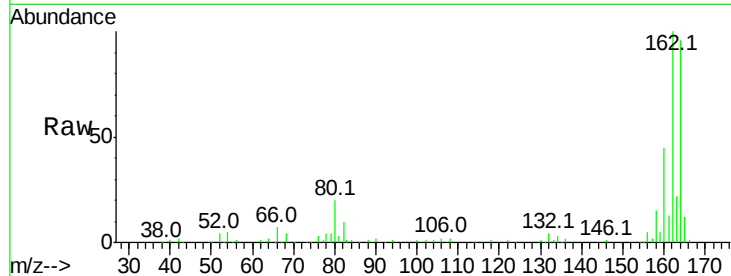




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095604.D
 Acq: 1 Jun 2017 20:12

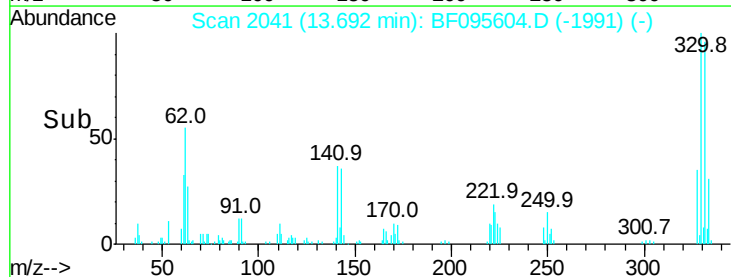
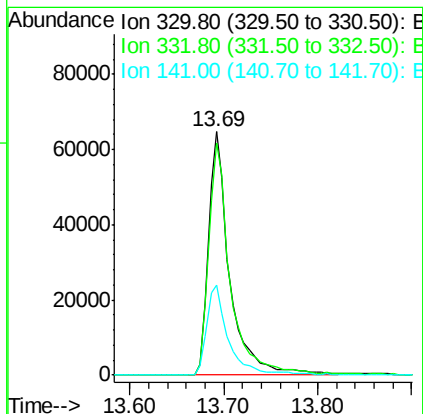
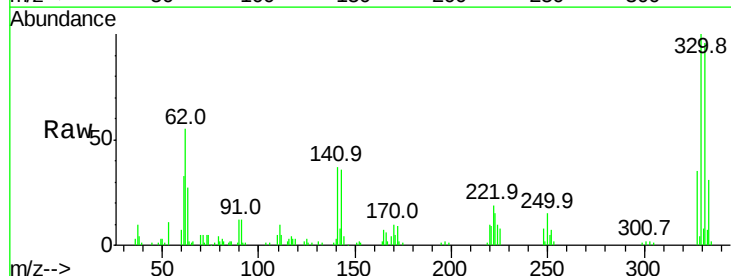
Instrument :
 BNA_F
 ClientSampleId :

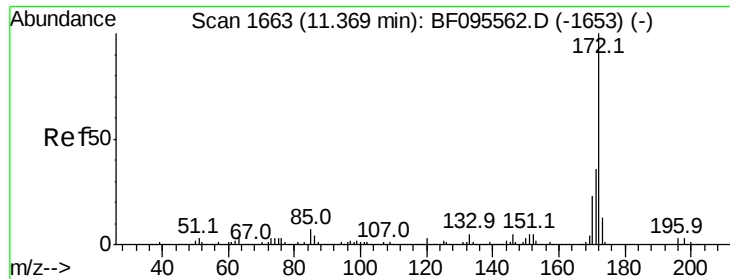
Tot Ion:164 Resp: 150723
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 46.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 83.22 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095604.D
 Acq: 1 Jun 2017 20:12

Tgt Ion:330 Resp: 102729
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 37.9 31.4 47.2

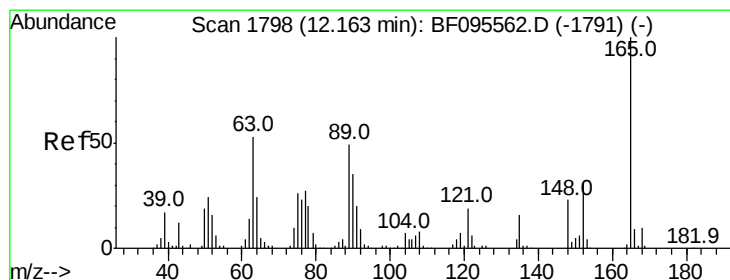
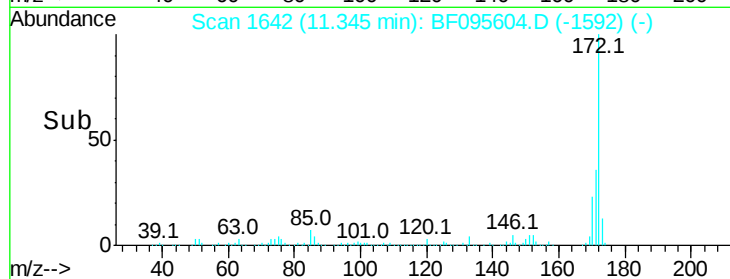
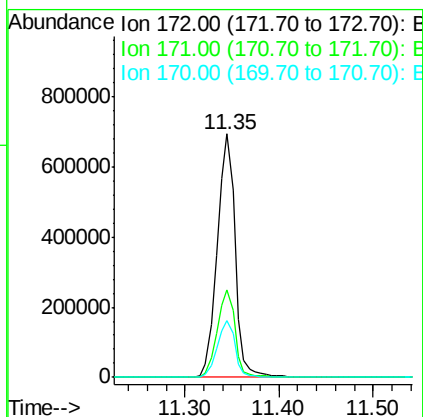
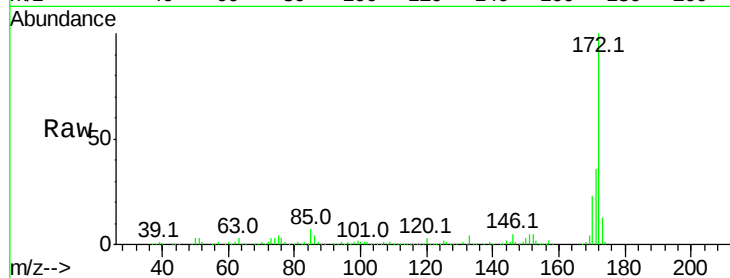




#44
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

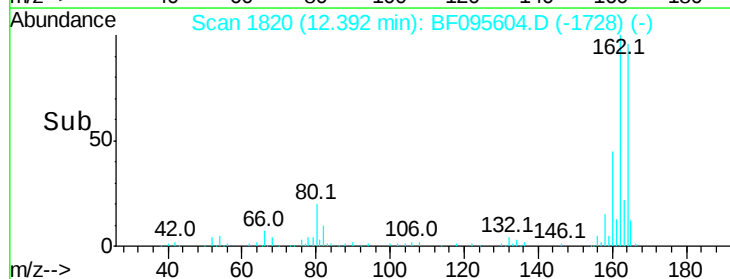
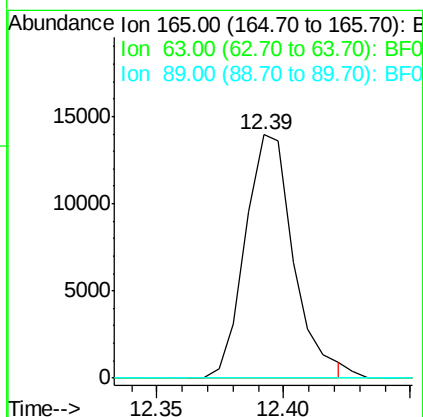
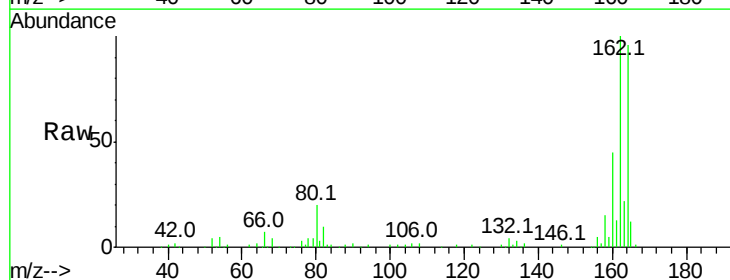
Instrument :
BNA_F
ClientSampleId :

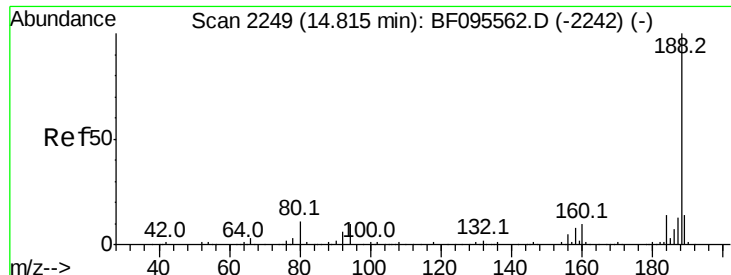
Tot Ion:172 Resp: 931166
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:165 Resp: 18510
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

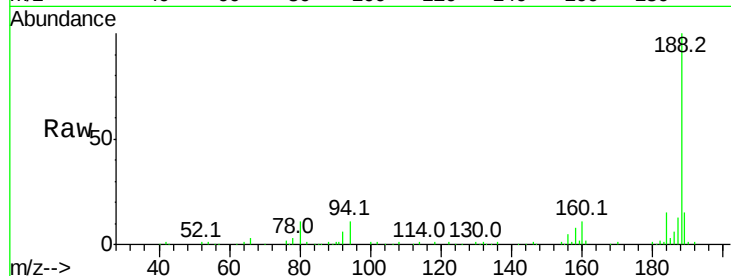




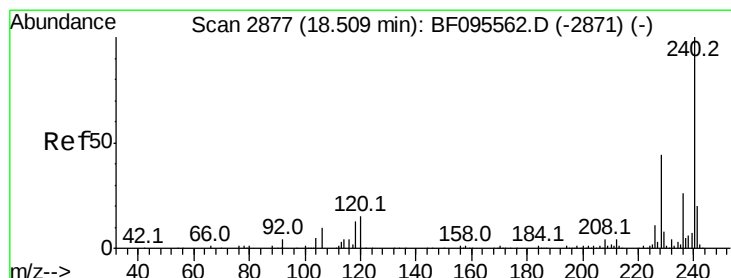
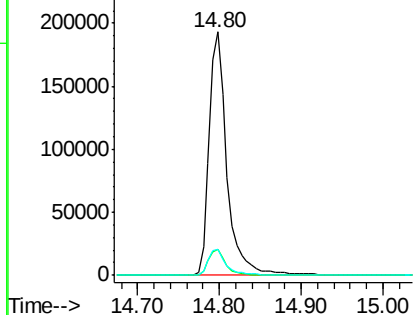
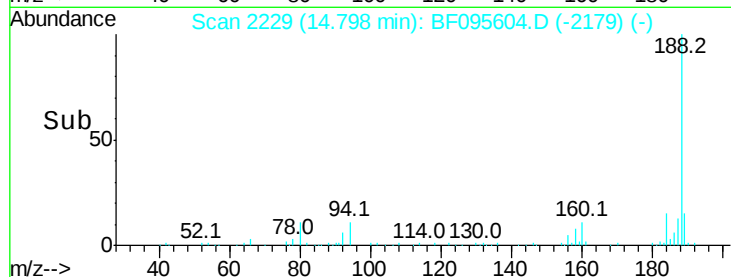
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095604.D
 Acq: 1 Jun 2017 20:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 291711
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.7 10.2 15.2

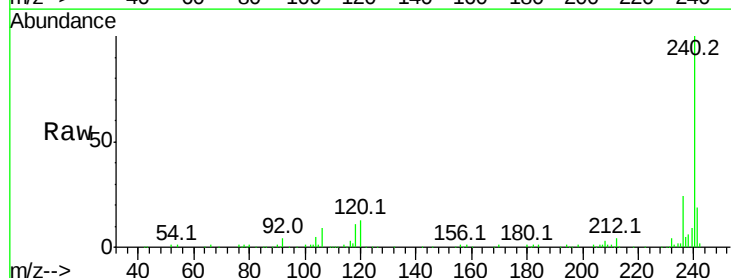


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

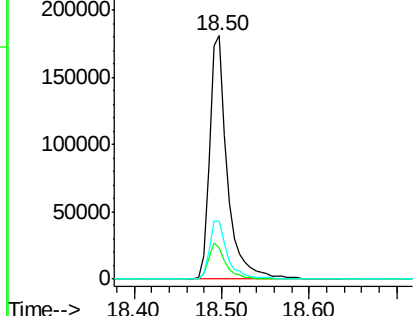
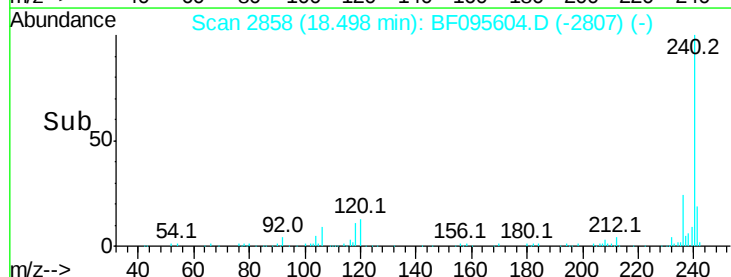


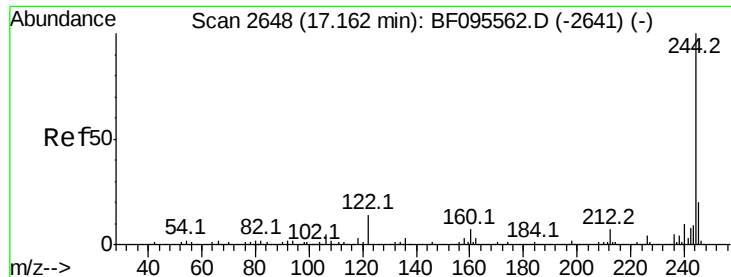
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095604.D
 Acq: 1 Jun 2017 20:12

Tgt Ion:240 Resp: 252822
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 23.9 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

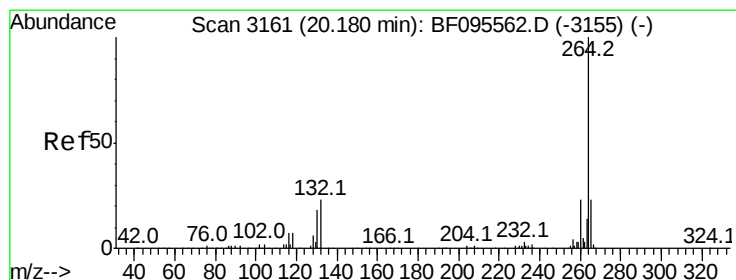
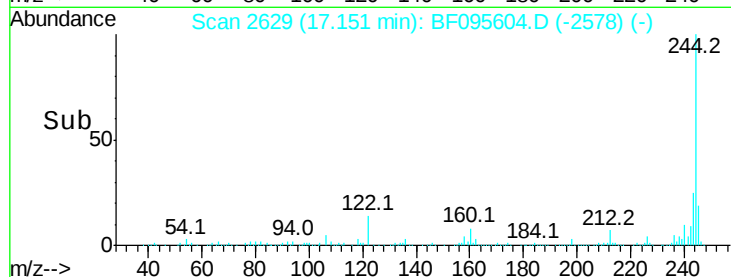
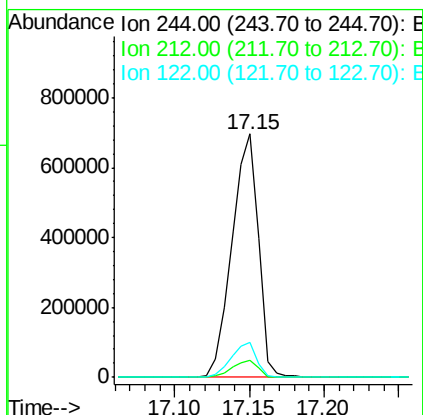
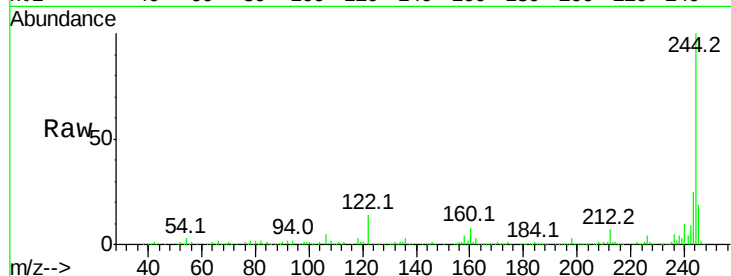




#78
 Terphenyl-d14
 Concen: 75.37 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095604.D
 Acq: 1 Jun 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 865122
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095604.D
 Acq: 1 Jun 2017 20:12

Tgt Ion:264 Resp: 173963
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 24.3 17.2 25.8

