

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094929.D
 Acq On : 5 May 2017 21:46
 Operator : SJ/MA
 Sample : I2949-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 23:49:33 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

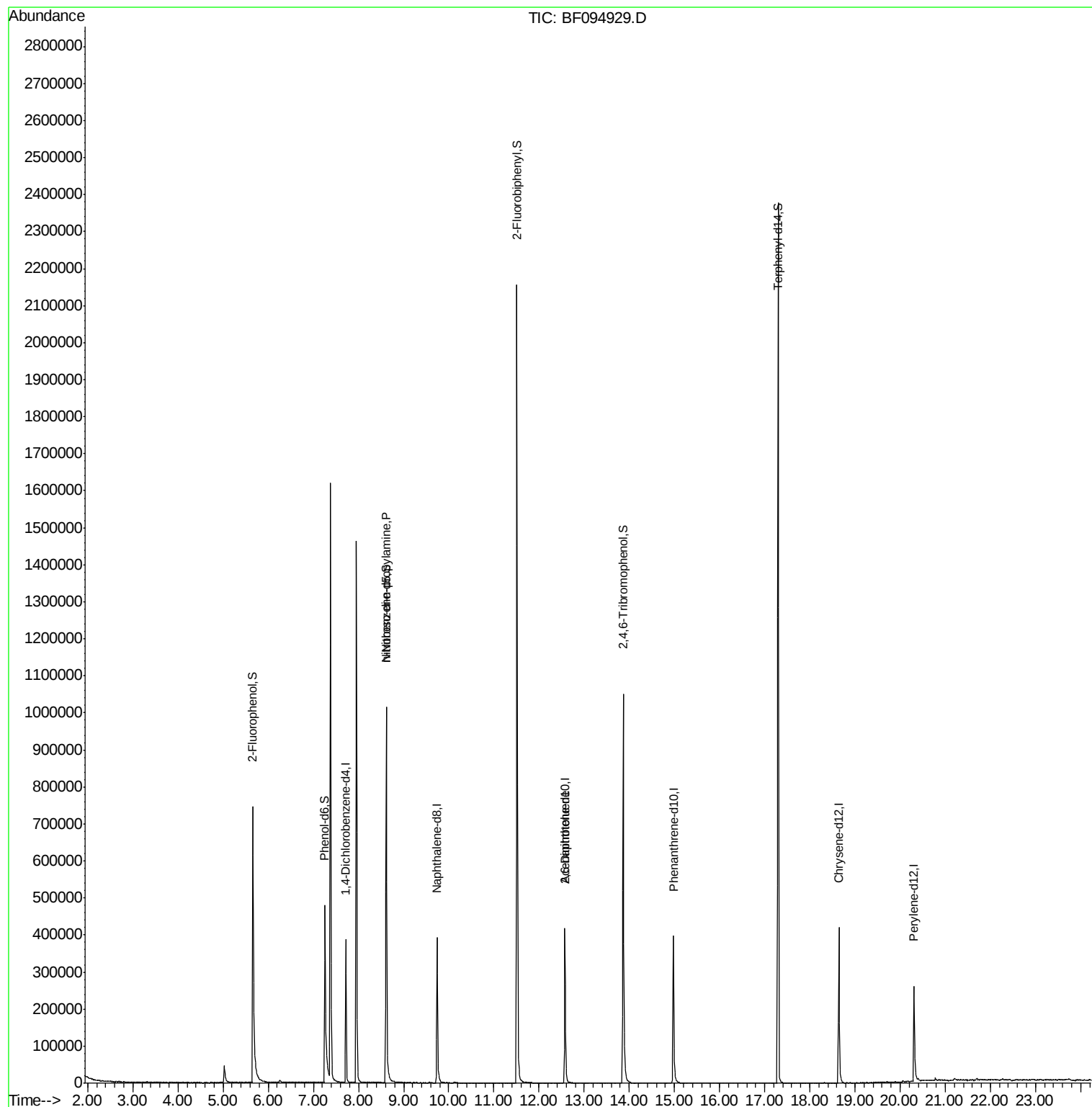
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82168	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	300805	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	144130	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	278481	20.00	ng	0.00
75) Chrysene-d12	18.64	240	233698	20.00	ng	-0.01
86) Perylene-d12	20.31	264	161493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	419816	85.18	ng	-0.02
7) Phenol-d6	7.25	99	357927	60.53	ng	-0.02
23) Nitrobenzene-d5	8.62	82	482218	101.09	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	196765	166.70	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1014444	101.31	ng	-0.02
78) Terphenyl-d14	17.30	244	923459	87.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	60312	15.08	ng	# 75
50) 2,6-Dinitrotoluene	12.57	165	13053	5.41	ng	# 31

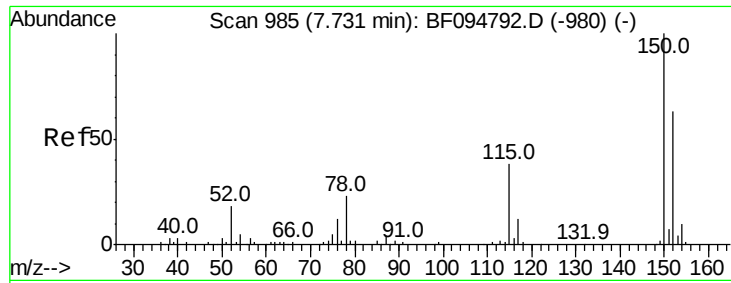
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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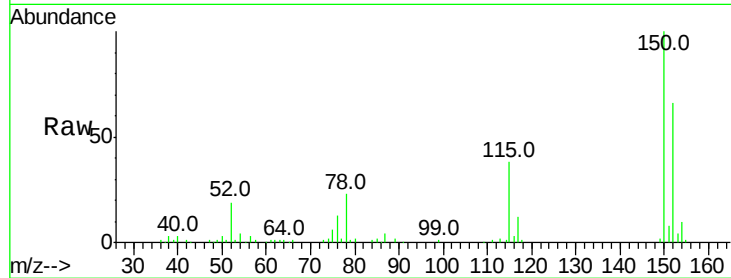


#1

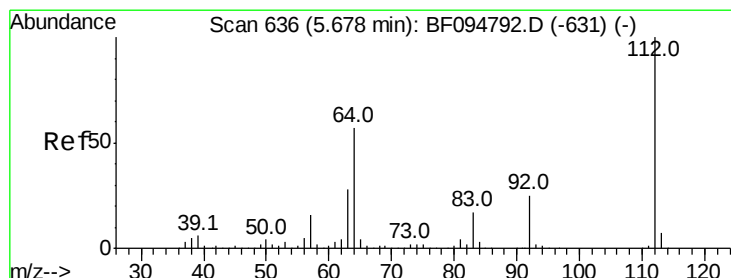
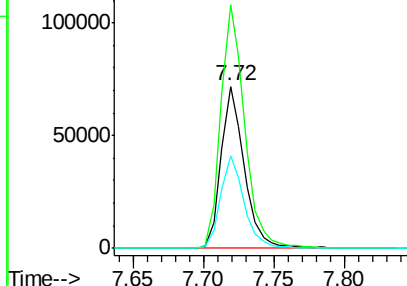
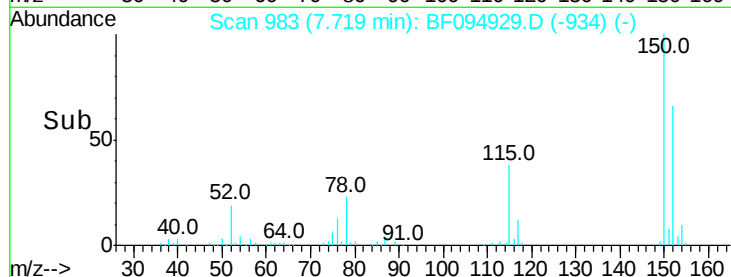
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094929.D
Acq: 5 May 2017 21:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82168
Ion Ratio Lower Upper
152 100
150 150.6 126.2 189.2
115 57.0 52.2 78.2



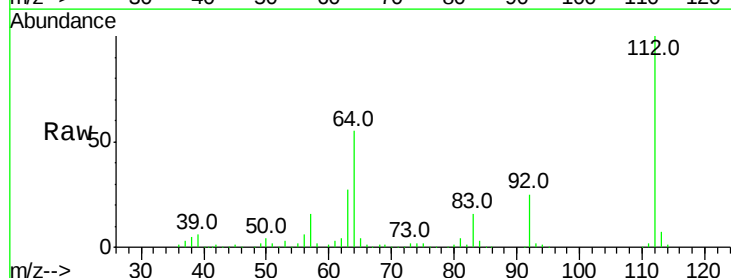
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



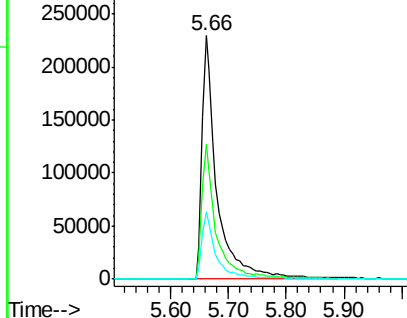
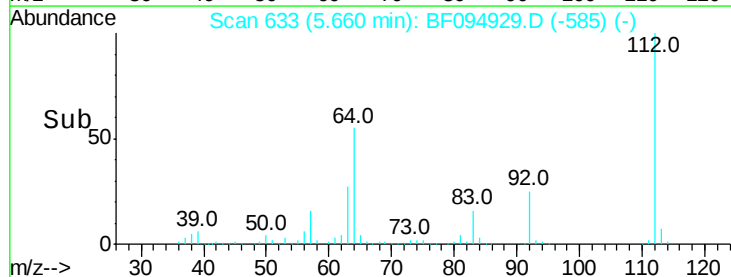
#5

2-Fluorophenol
Concen: 85.18 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094929.D
Acq: 5 May 2017 21:46

Tgt Ion:112 Resp: 419816
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 27.4 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: 60.53 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF094929.D

Acq: 5 May 2017 21:46

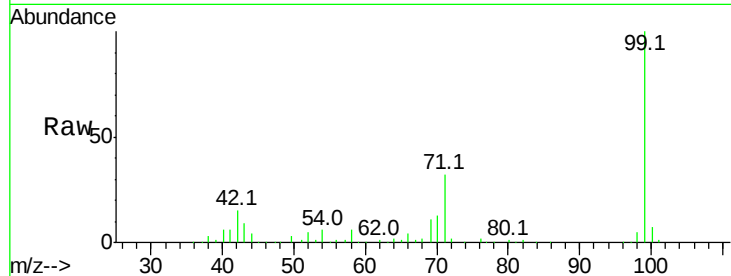
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 357927

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	32.3	24.5	36.7

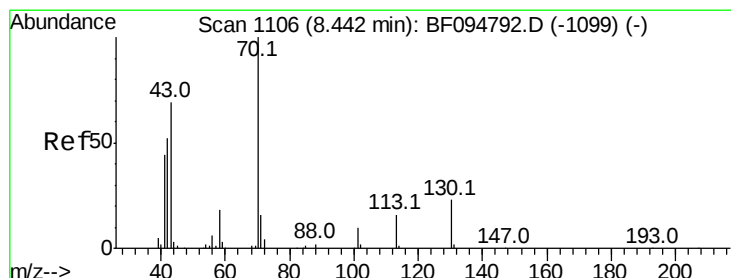
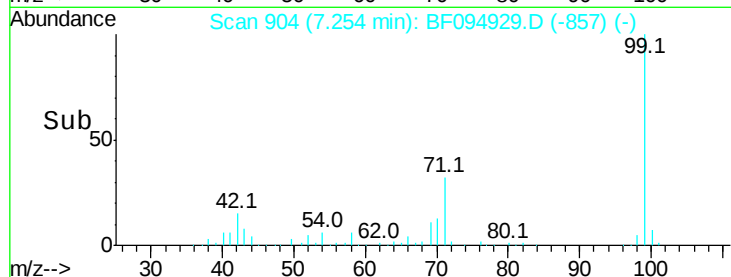
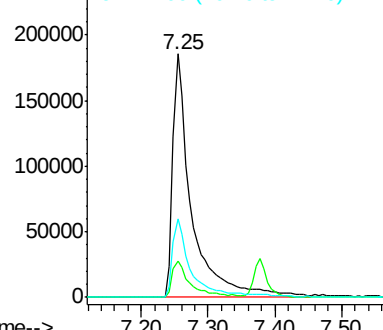


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.08 ng

RT: 8.62 min Scan# 1136

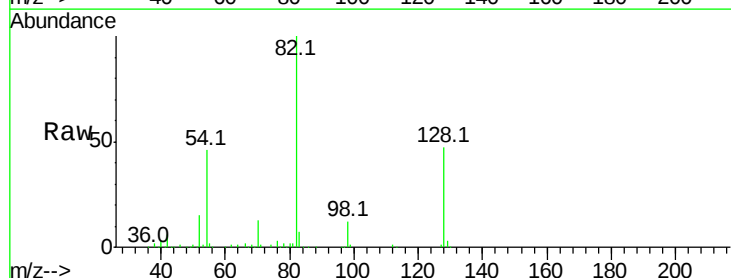
Delta R.T. 0.18 min

Lab File: BF094929.D

Acq: 5 May 2017 21:46

Tgt Ion: 70 Resp: 60312

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



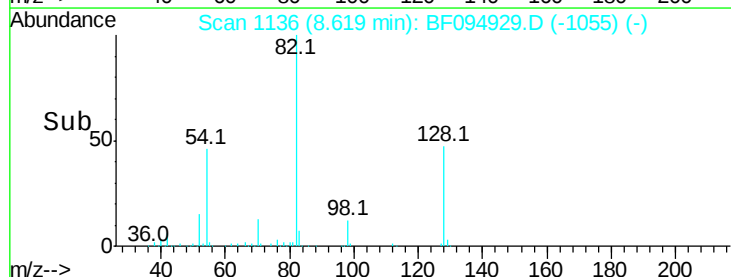
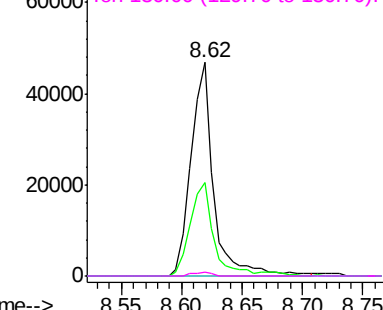
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094929.D

Acq: 5 May 2017 21:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 300805

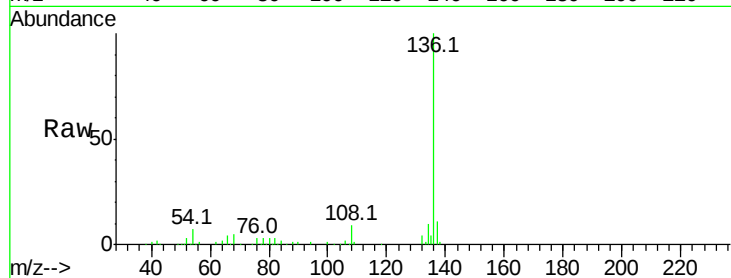
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.1 4.9 7.3

68 5.3 4.1 6.1

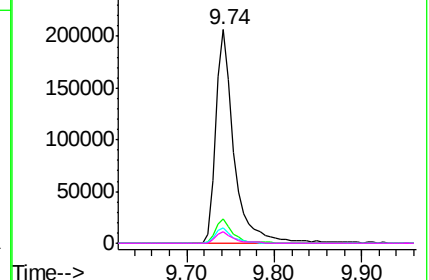
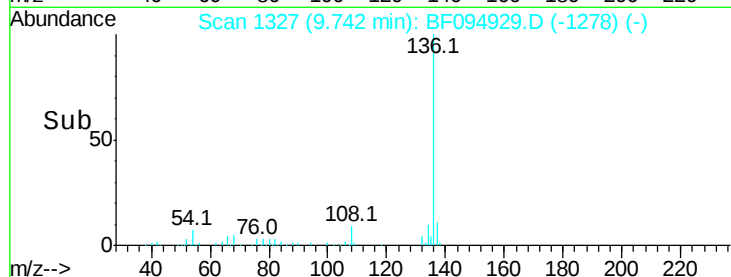


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.09 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094929.D

Acq: 5 May 2017 21:46

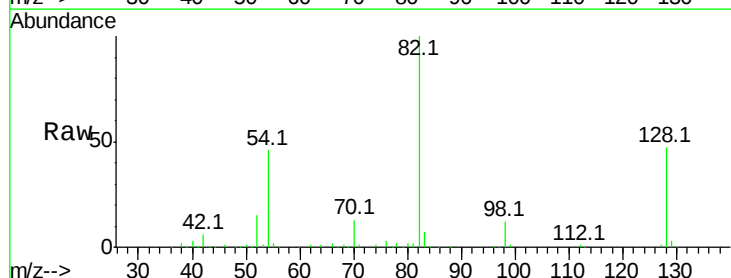
Tgt Ion: 82 Resp: 482218

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

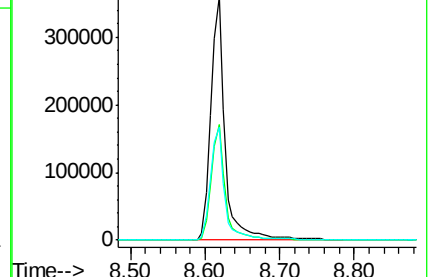
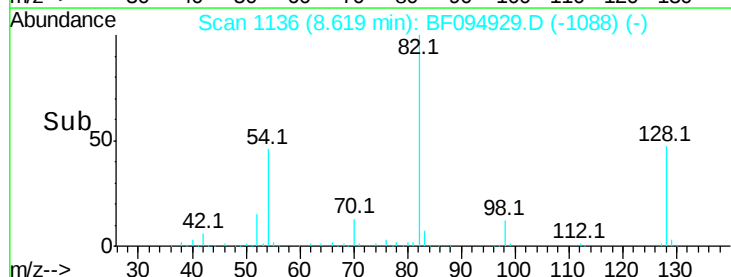
54 46.3 42.2 63.2



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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094929.D

Acq: 5 May 2017 21:46

Instrument :

BNA_F

ClientSampleId :

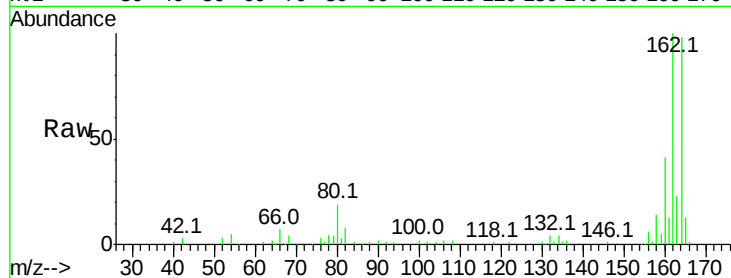
Tot Ion:164 Resp: 144130

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

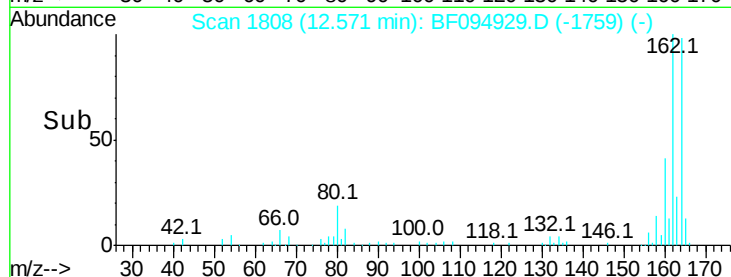
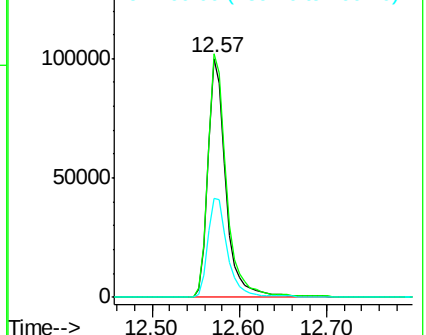
160 41.7 36.2 54.2



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: 166.70 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094929.D

Acq: 5 May 2017 21:46

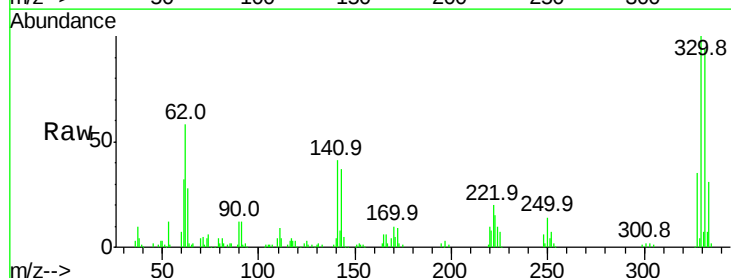
Tgt Ion:330 Resp: 196765

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

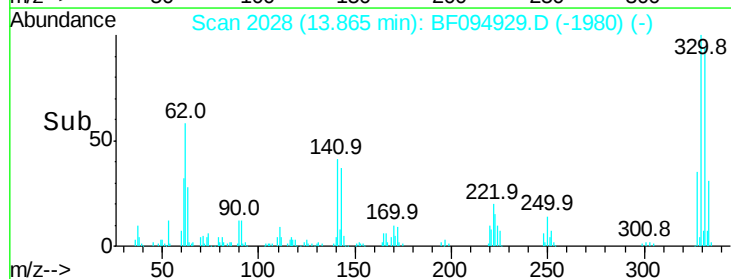
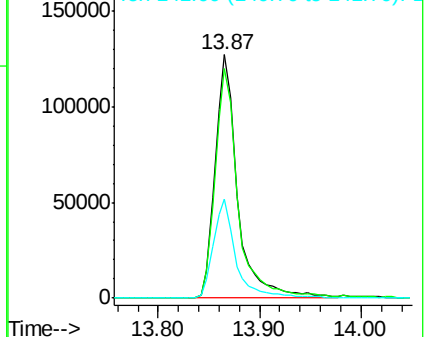
141 40.4 31.4 47.2



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

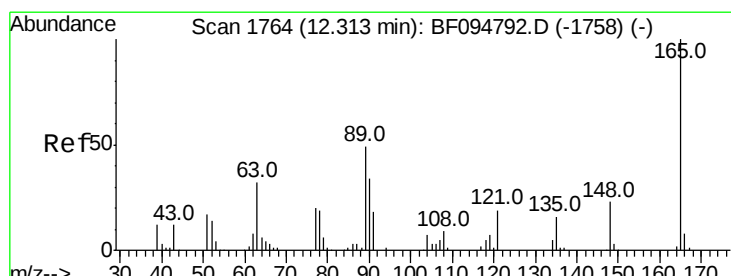
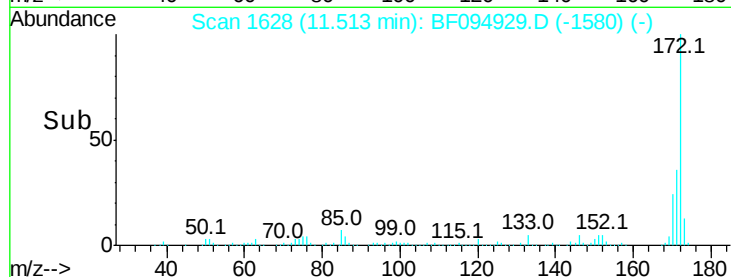
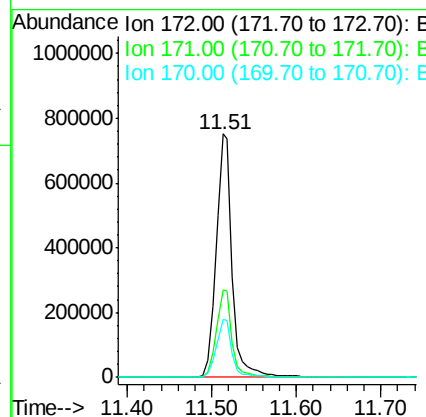
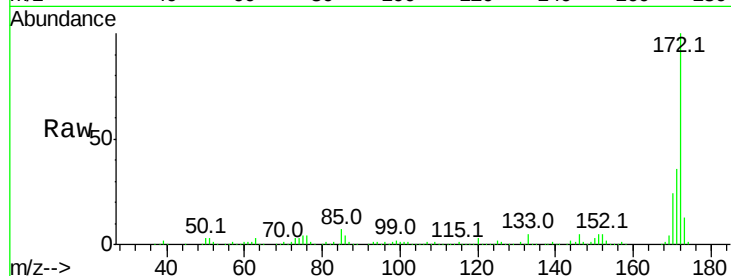




#44
 2-Fluorobiphenyl
 Concen: 101.31 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094929.D
 Acq: 5 May 2017 21:46

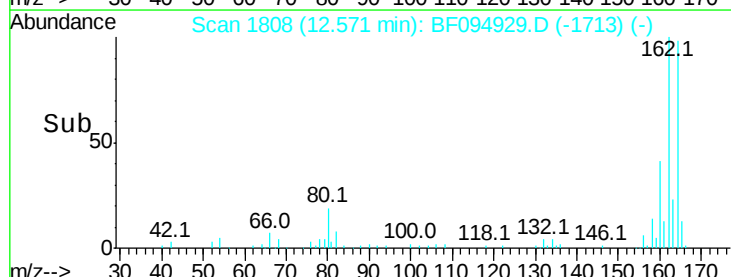
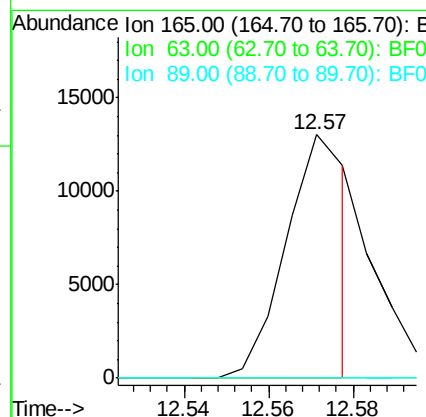
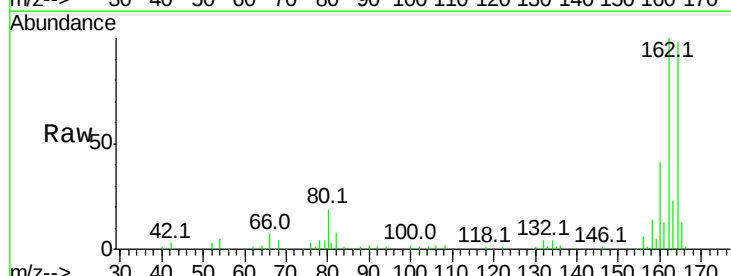
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1014444
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.7 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.41 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094929.D
 Acq: 5 May 2017 21:46

Tgt Ion:165 Resp: 13053
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

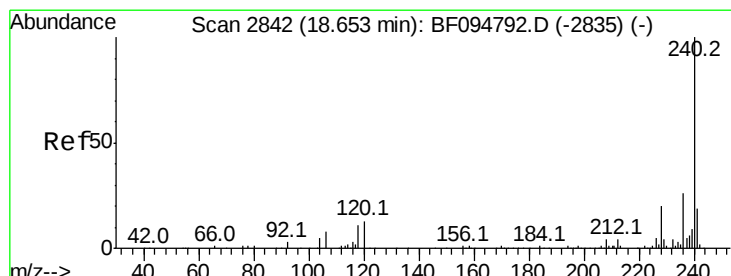
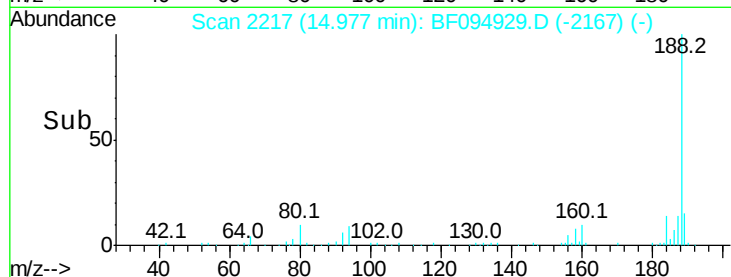
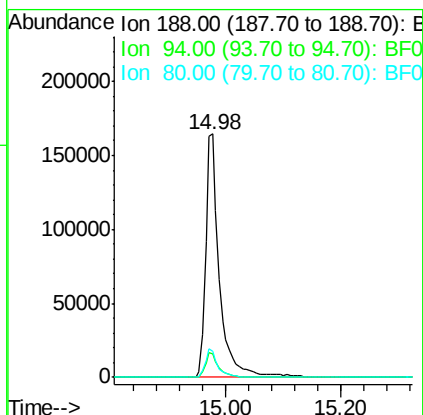
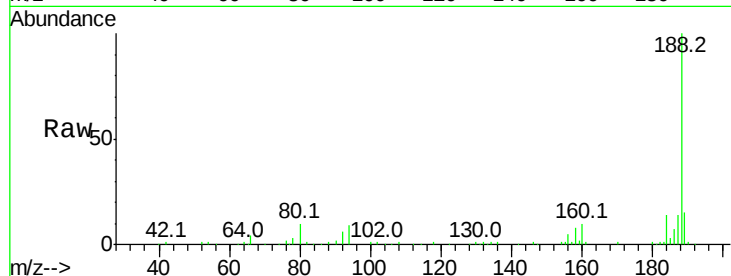




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094929.D
 Acq: 5 May 2017 21:46

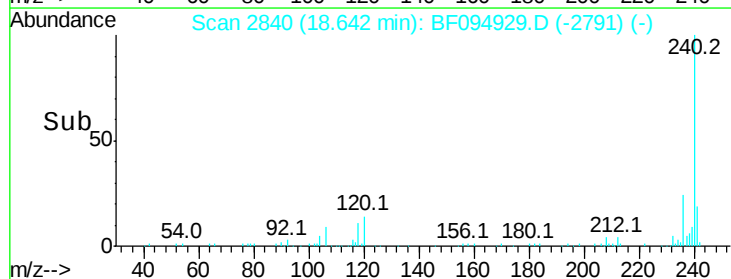
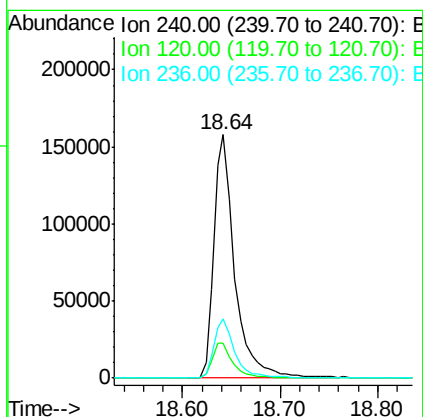
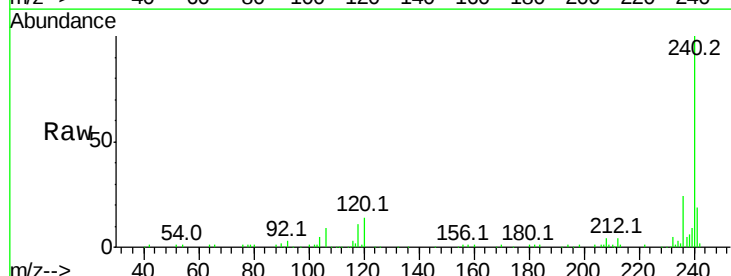
Instrument :
 BNA_F
 ClientSampleId :

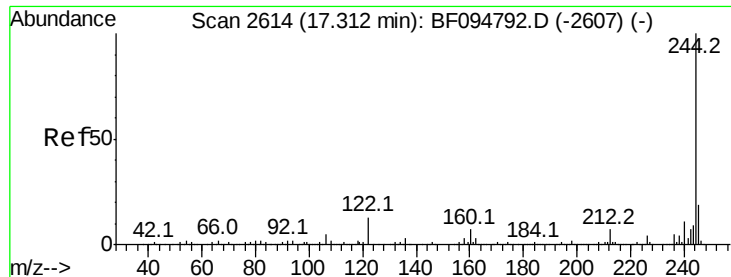
Tot Ion:188 Resp: 278481
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.4 14.2
 80 10.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094929.D
 Acq: 5 May 2017 21:46

Tgt Ion:240 Resp: 233698
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 24.4 20.5 30.7

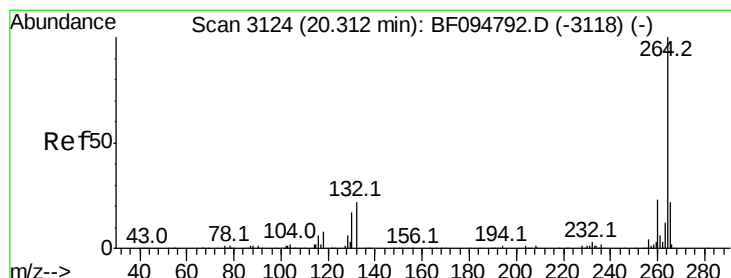
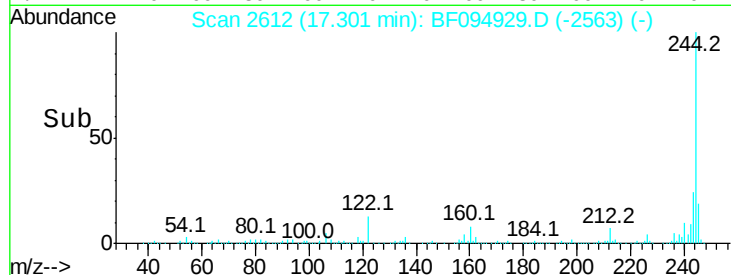
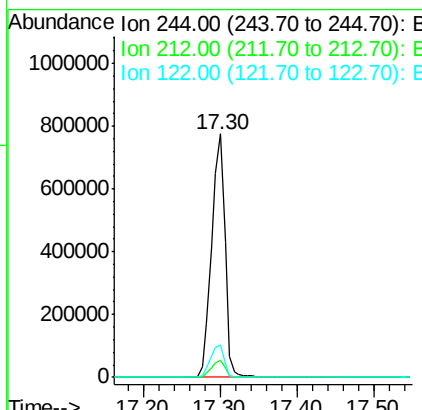
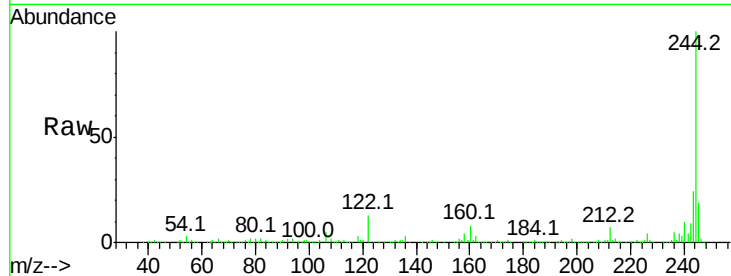




#78
 Terphenyl-d14
 Concen: 87.03 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094929.D
 Acq: 5 May 2017 21:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 923459
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094929.D
 Acq: 5 May 2017 21:46

Tgt Ion:264 Resp: 161493
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.5 17.2 25.8

