

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095191.D
 Acq On : 17 May 2017 18:29
 Operator : SJ/MA
 Sample : PB99024BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:08:01 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

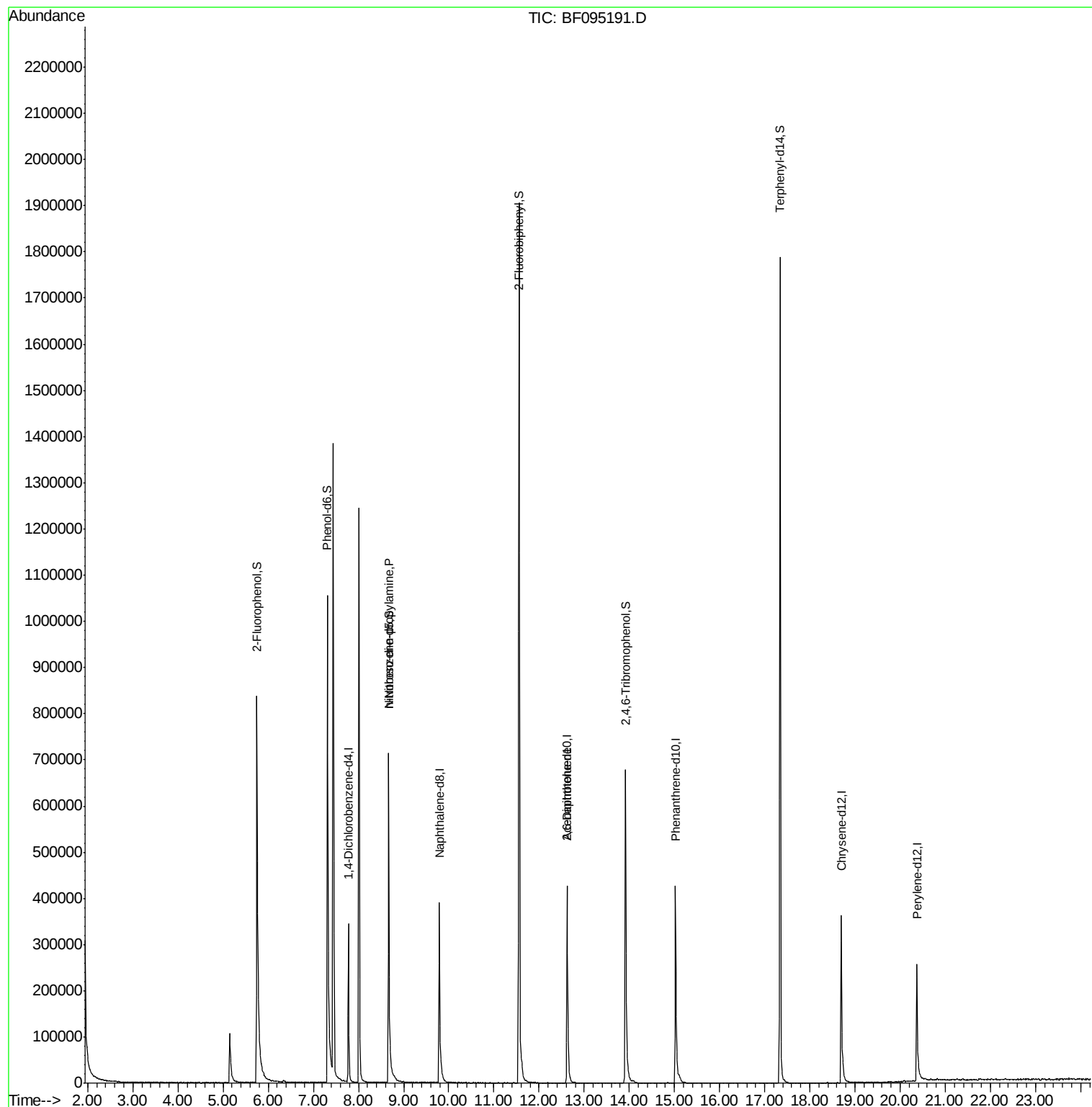
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	83040	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	362265	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	170876	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	315307	20.00	ng	0.04
75) Chrysene-d12	18.69	240	238146	20.00	ng	0.04
86) Perylene-d12	20.37	264	172306	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	575501	115.54	ng	0.07
7) Phenol-d6	7.31	99	711192	119.00	ng	0.04
23) Nitrobenzene-d5	8.67	82	403465	70.23	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	150853	107.80	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	966385	81.40	ng	0.03
78) Terphenyl-d14	17.34	244	761158	70.40	ng	0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	50329	12.45	ng	# 75
50) 2,6-Dinitrotoluene	12.62	165	13180	4.61	ng	# 31

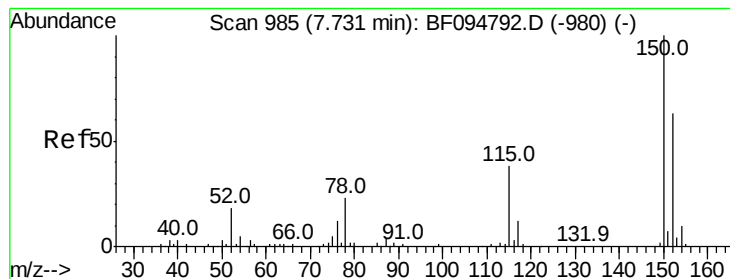
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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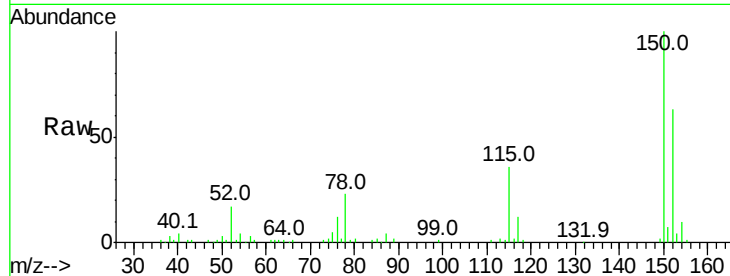


#1

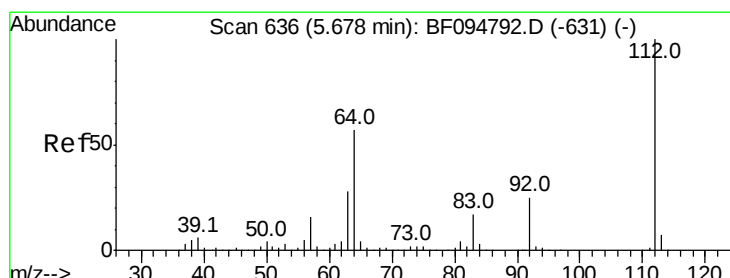
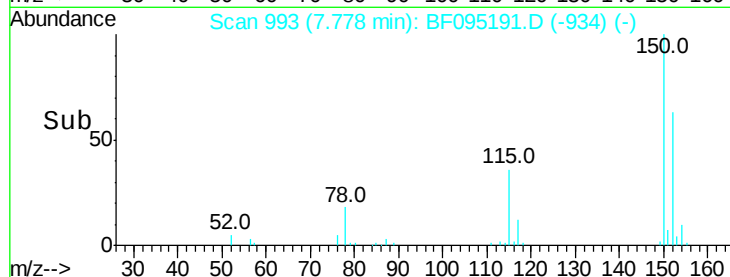
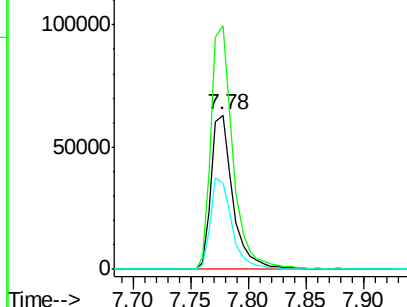
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095191.D
Acq: 17 May 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83040
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 56.1 52.2 78.2



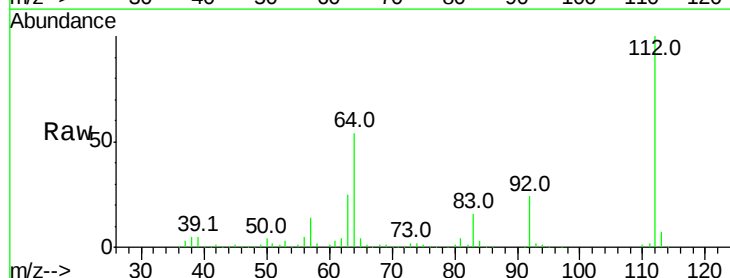
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



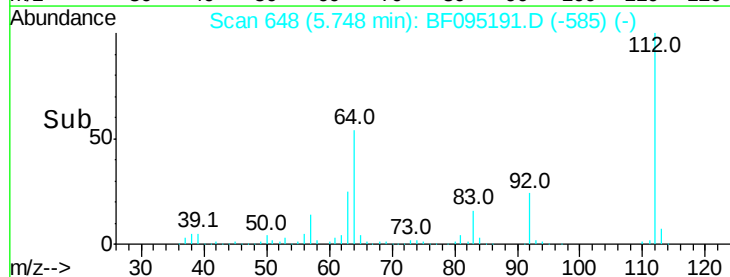
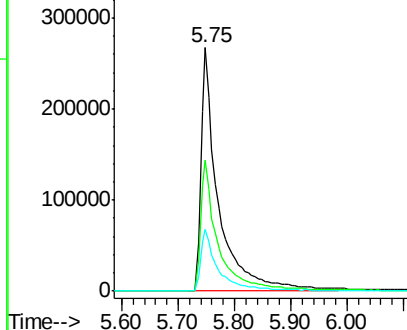
#5

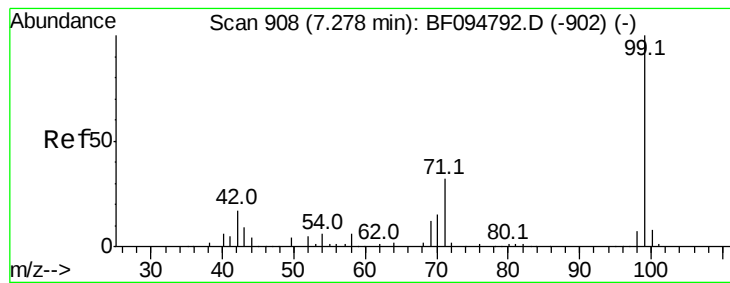
2-Fluorophenol
Concen: 115.54 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095191.D
Acq: 17 May 2017 18:29

Tgt Ion:112 Resp: 575501
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 25.5 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: 119.00 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095191.D

Acq: 17 May 2017 18:29

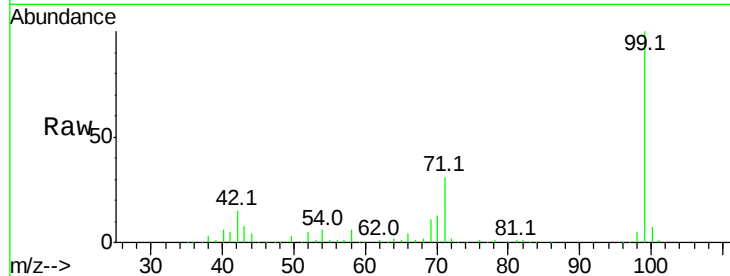
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 711192

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.5	24.5	36.7

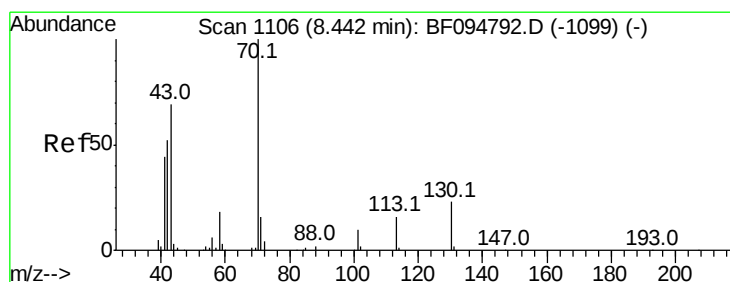
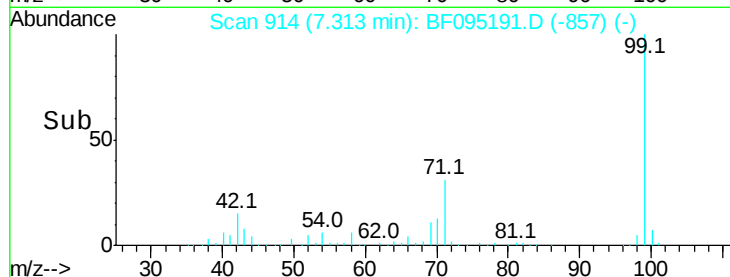
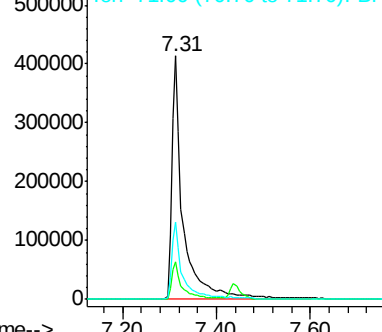


Abundance

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: 12.45 ng

RT: 8.67 min Scan# 1145

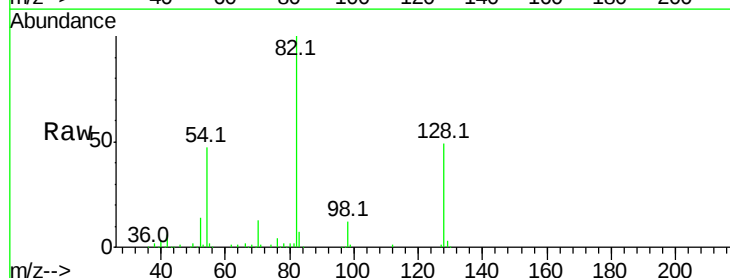
Delta R.T. 0.23 min

Lab File: BF095191.D

Acq: 17 May 2017 18:29

Tgt Ion: 70 Resp: 50329

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



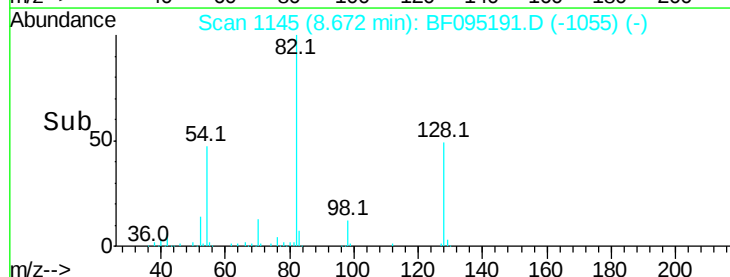
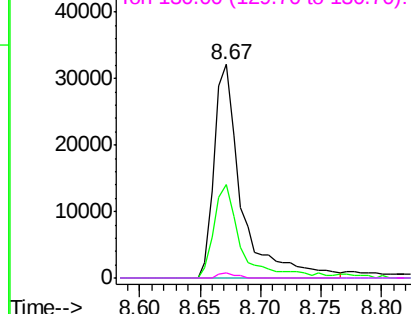
Abundance

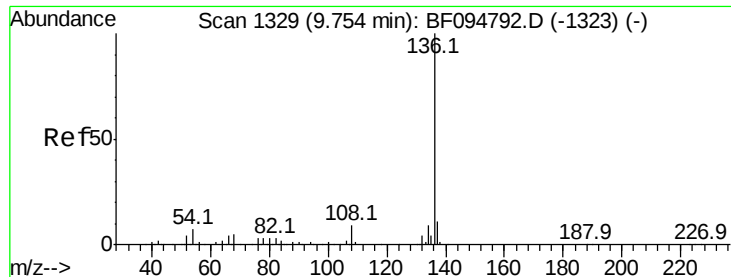
Ion 70.00 (69.70 to 70.70): BF0

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

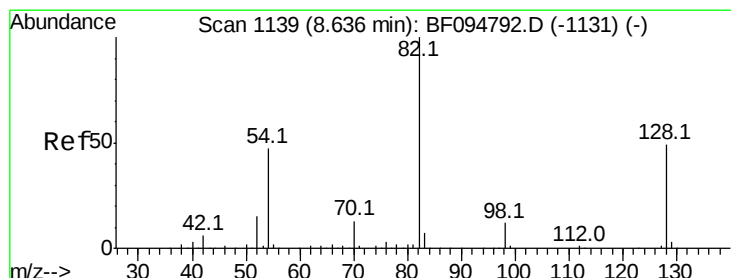
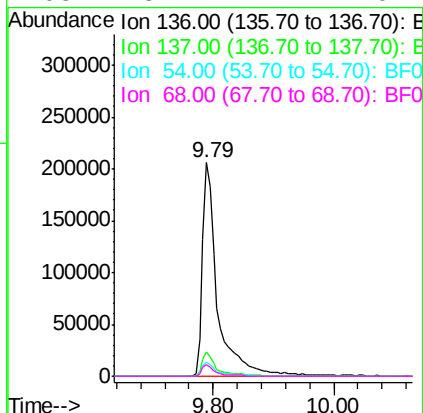
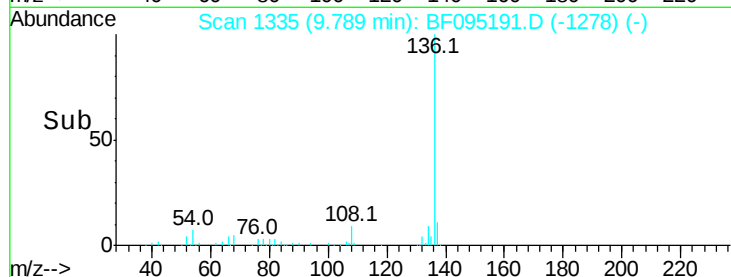
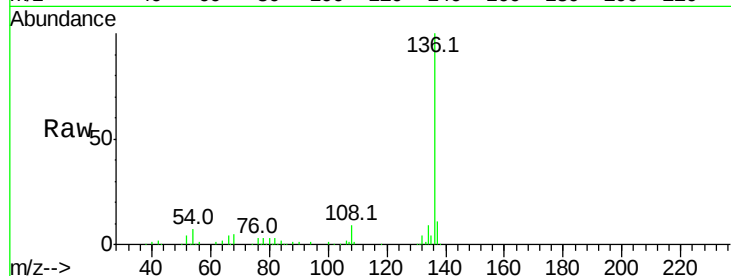




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095191.D
Acq: 17 May 2017 18:29

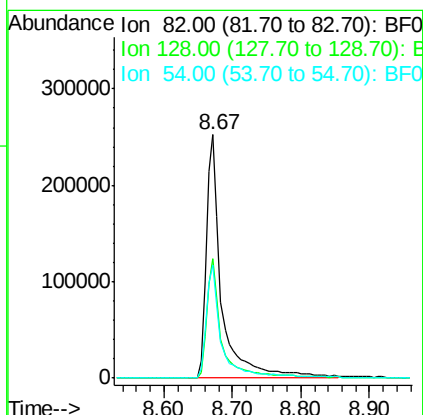
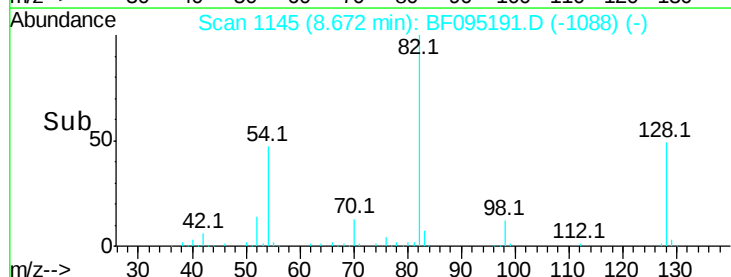
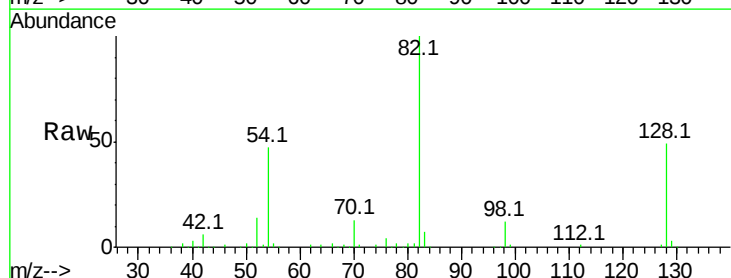
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	362265
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	6.9	4.9 7.3
68	5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 70.23 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095191.D
Acq: 17 May 2017 18:29

Tgt Ion: 82	Resp:	403465
Ion Ratio	Lower	Upper
82	100	
128	48.9	34.0 51.0
54	46.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095191.D

Acq: 17 May 2017 18:29

Instrument :

BNA_F

ClientSampleId :

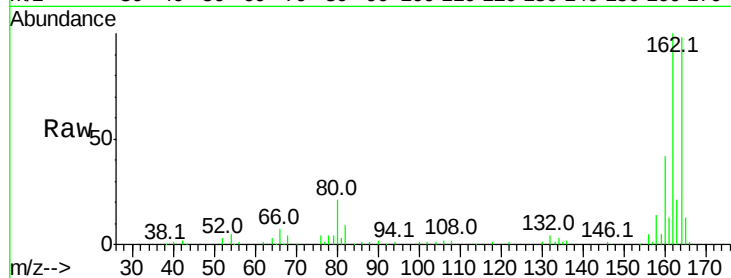
Tot Ion:164 Resp: 170876

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

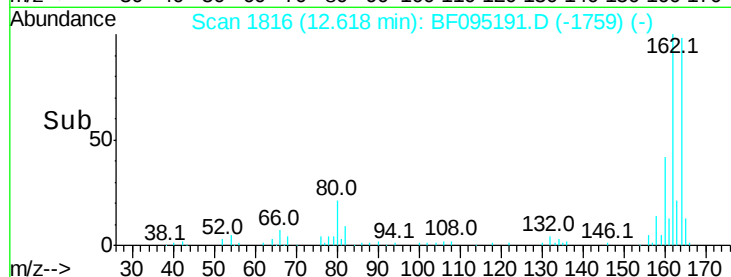
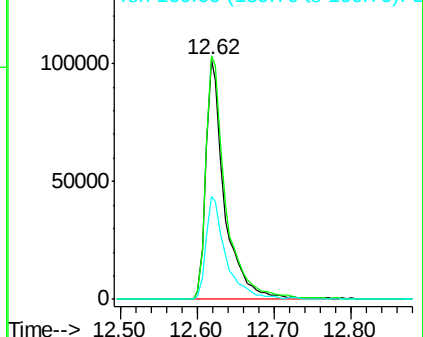
160 43.2 36.2 54.2



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: 107.80 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095191.D

Acq: 17 May 2017 18:29

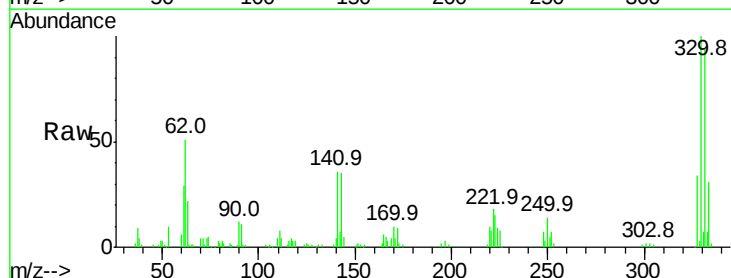
Tgt Ion:330 Resp: 150853

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

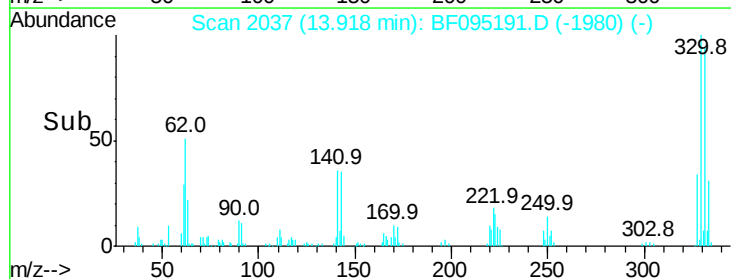
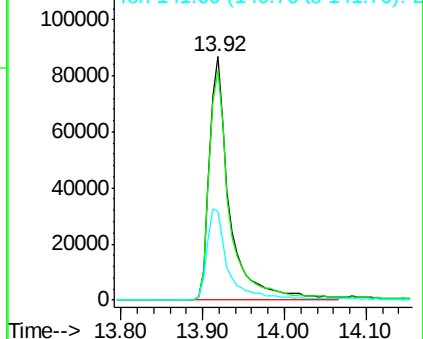
141 39.0 31.4 47.2

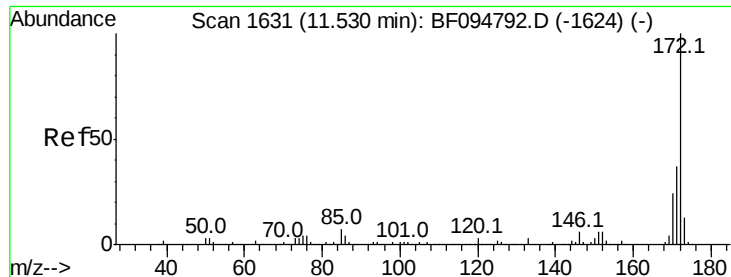


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

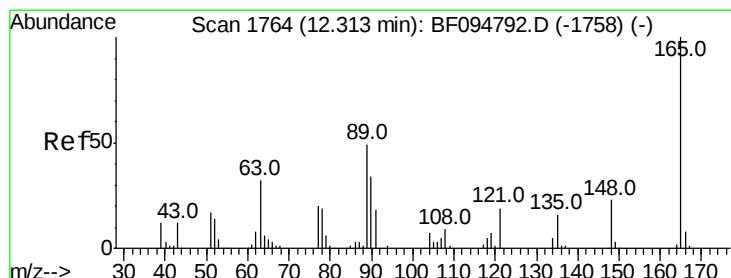
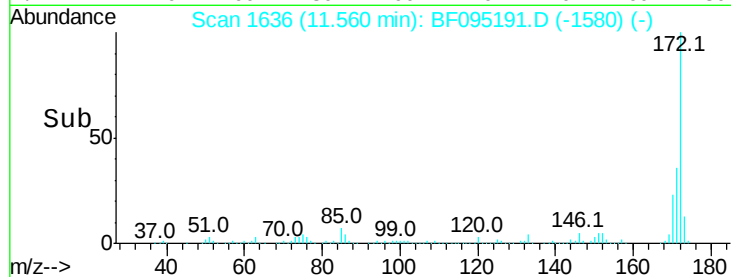
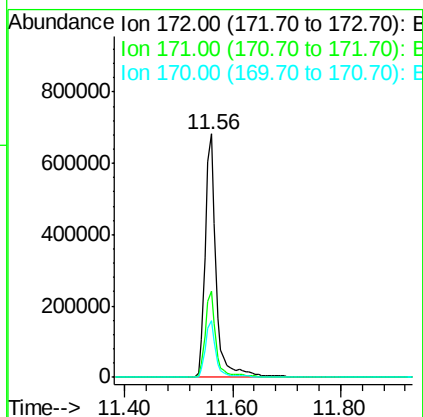
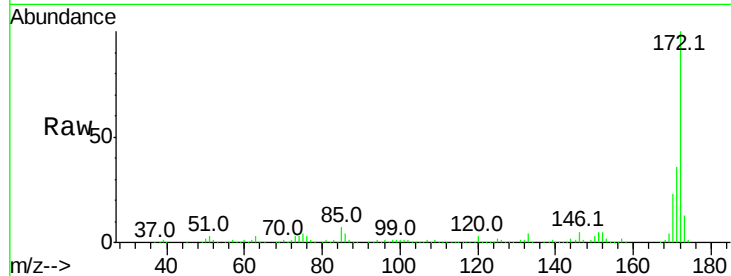




#44
 2-Fluorobiphenyl
 Concen: 81.40 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095191.D
 Acq: 17 May 2017 18:29

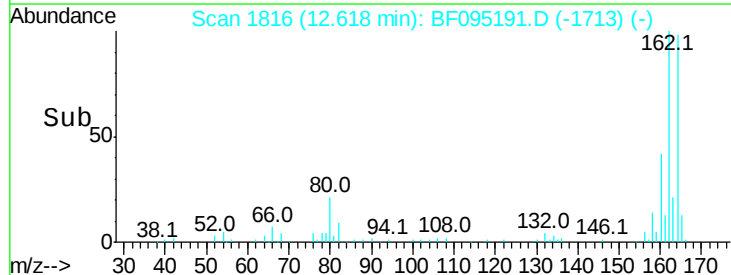
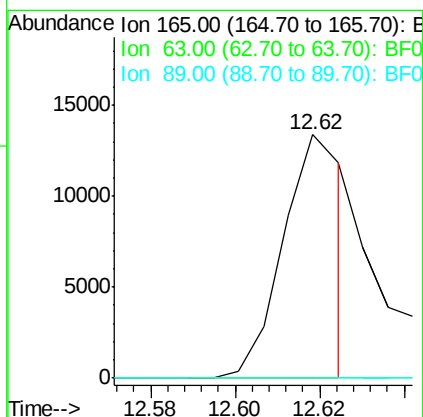
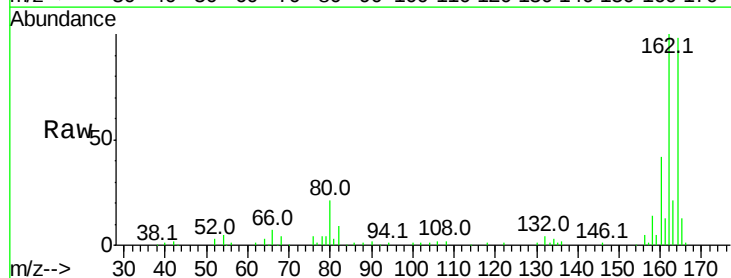
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 966385
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 4.61 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.31 min
 Lab File: BF095191.D
 Acq: 17 May 2017 18:29

Tgt Ion:165 Resp: 13180
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

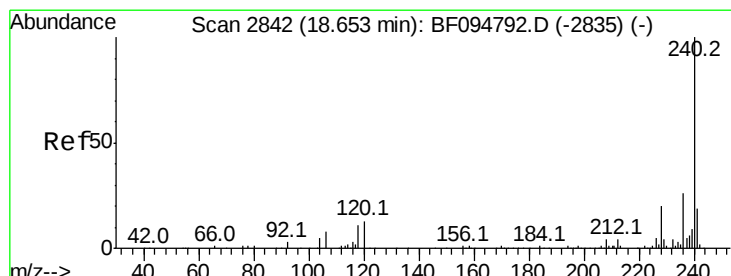
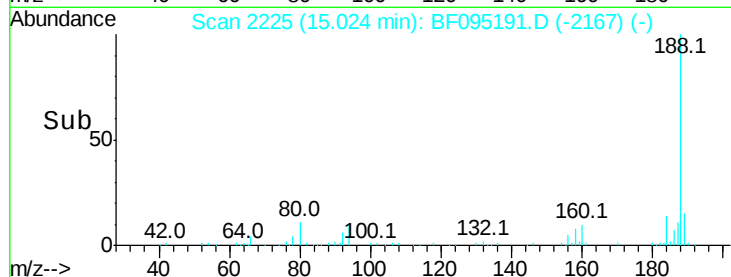
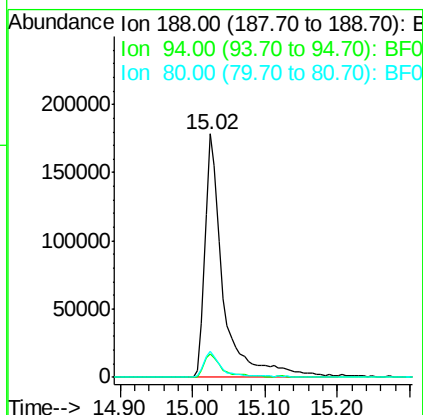
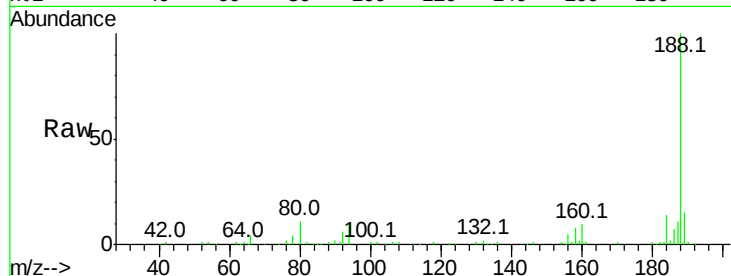




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095191.D
 Acq: 17 May 2017 18:29

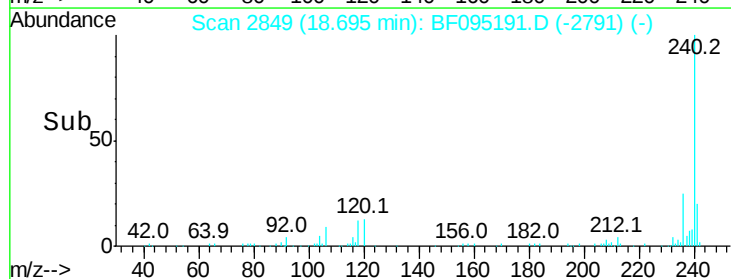
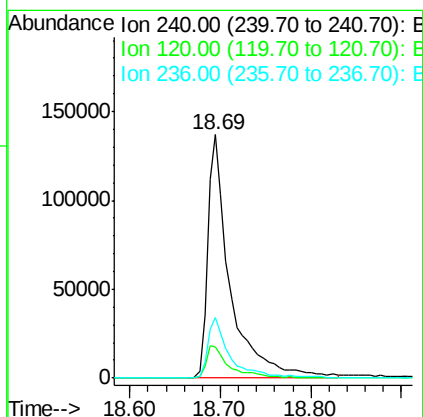
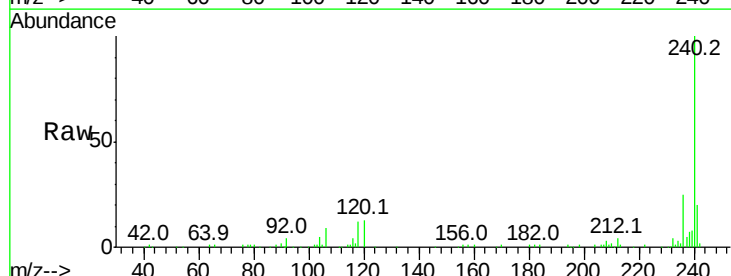
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 315307
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095191.D
 Acq: 17 May 2017 18:29

Tgt Ion:240 Resp: 238146
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 70.40 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095191.D

Acq: 17 May 2017 18:29

Instrument :

BNA_F

ClientSampleId :

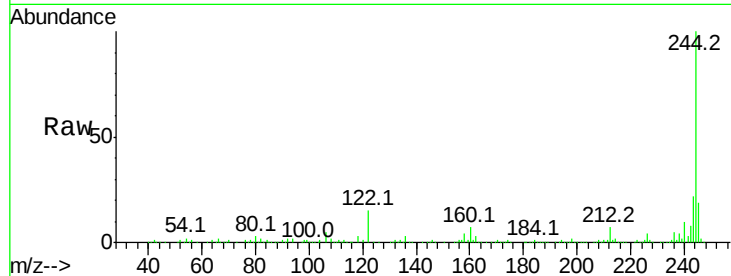
Tot Ion:244 Resp: 761158

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

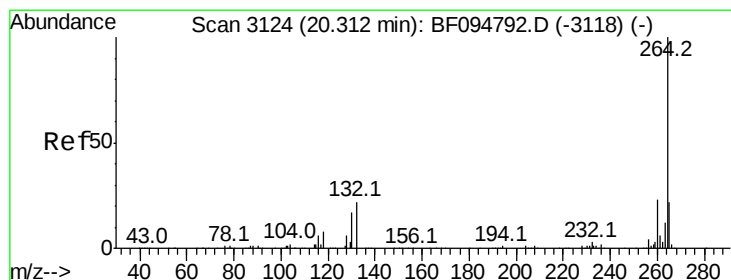
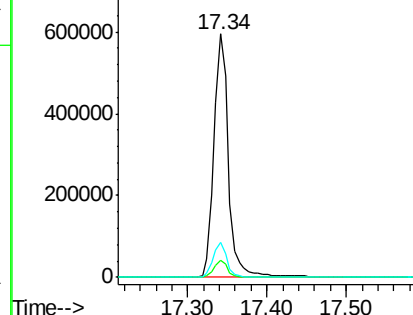
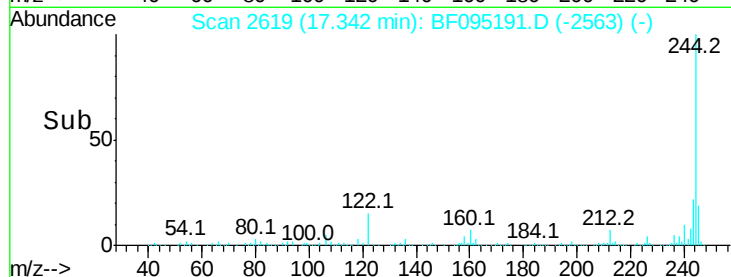
122 14.5 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3134

Delta R.T. 0.06 min

Lab File: BF095191.D

Acq: 17 May 2017 18:29

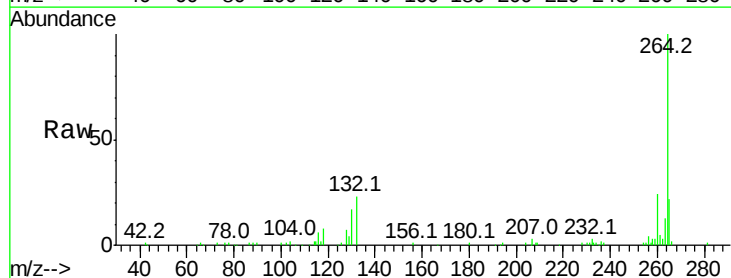
Tgt Ion:264 Resp: 172306

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.4 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

