

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094898.D
 Acq On : 5 May 2017 4:48
 Operator : SJ/MA
 Sample : PB98693BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 06:48:10 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

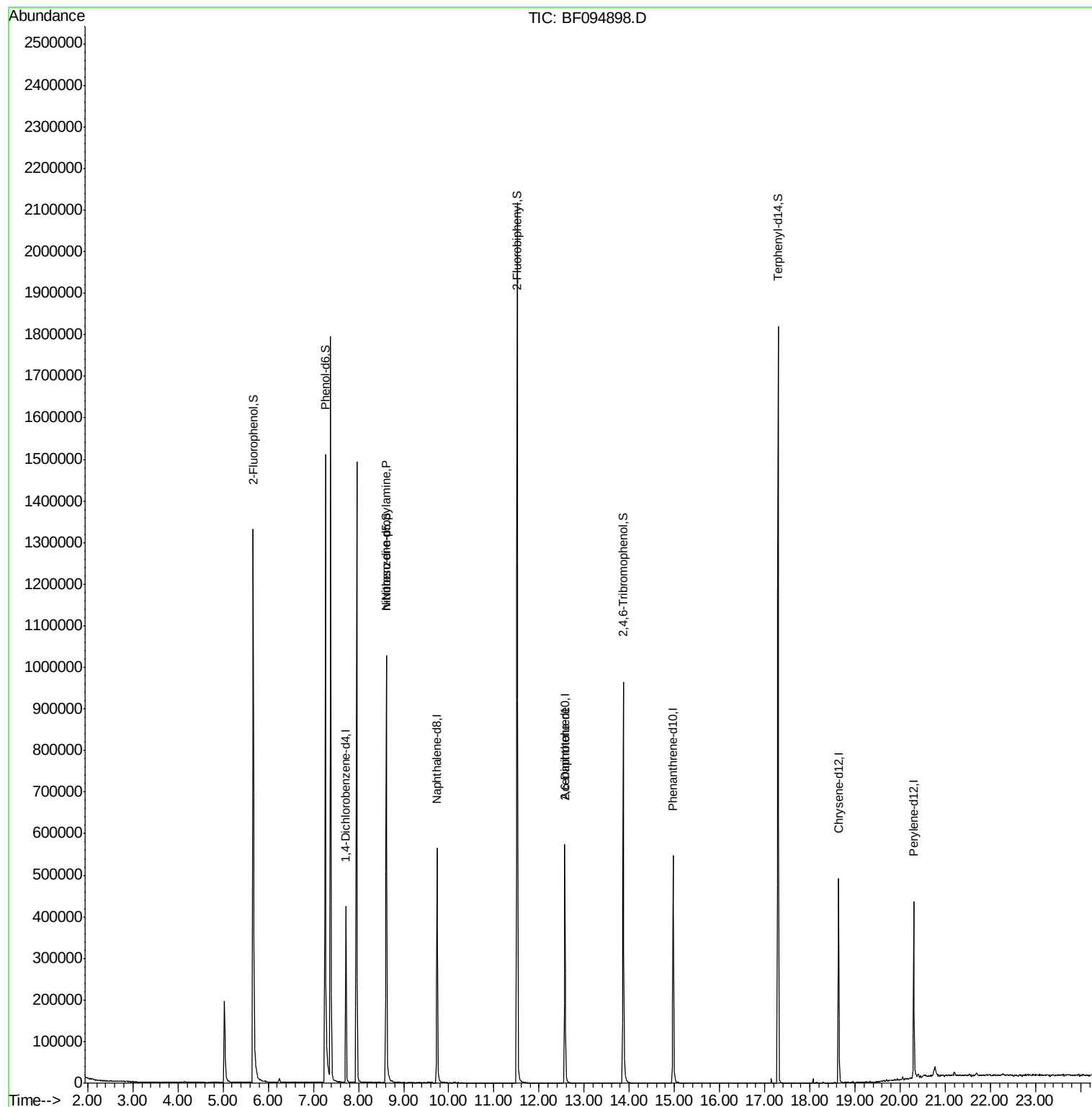
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87916	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	383075	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	176650	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	310596	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	213927	20.00	ng	-0.02
86) Perylene-d12	20.30	264	189876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	623018	118.15	ng	-0.01
7) Phenol-d6	7.27	99	818679	129.39	ng	-0.01
23) Nitrobenzene-d5	8.62	82	468795	77.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	166445	115.05	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	940284	76.61	ng	-0.01
78) Terphenyl-d14	17.30	244	729706	75.13	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	58947	13.78	ng	# 74
50) 2,6-Dinitrotoluene	12.57	165	17407	5.88	ng	# 31

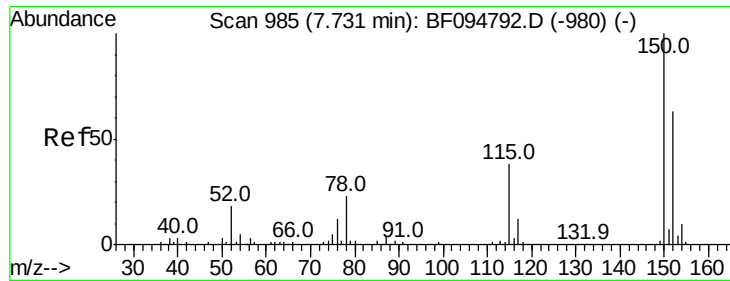
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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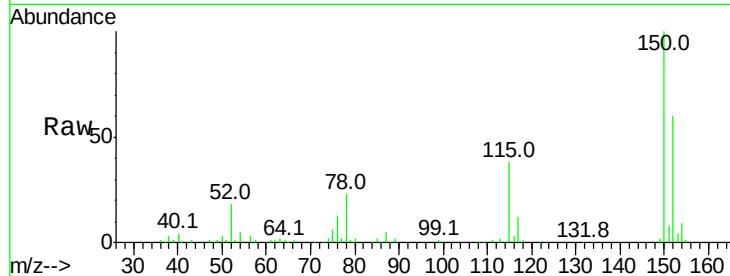


#1

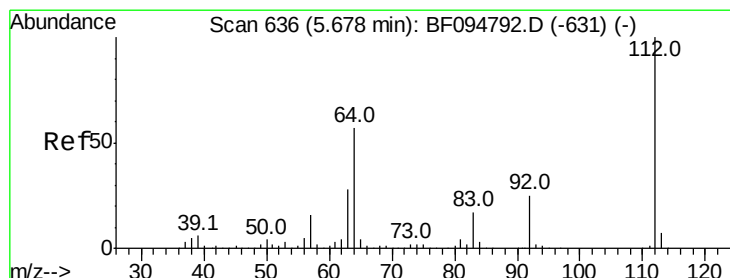
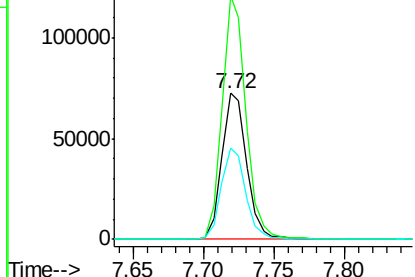
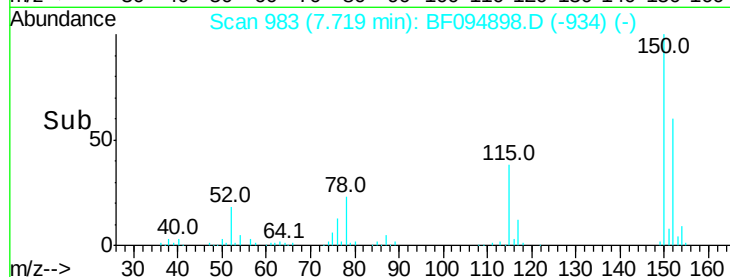
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87916
Ion Ratio Lower Upper
152 100
150 166.8 126.2 189.2
115 63.0 52.2 78.2



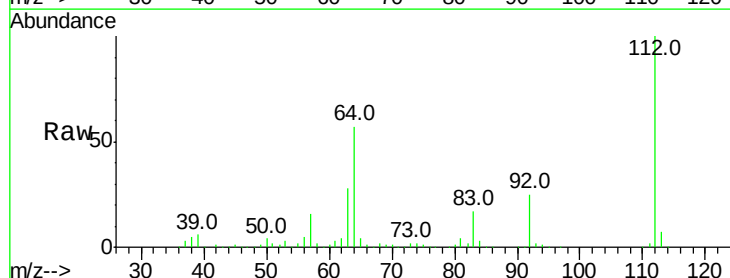
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



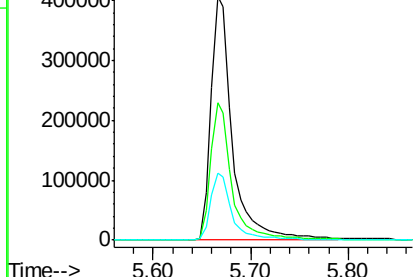
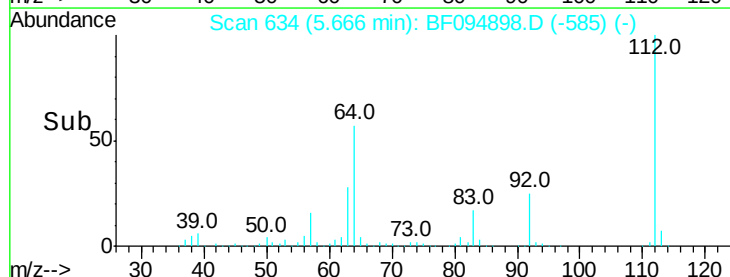
#5

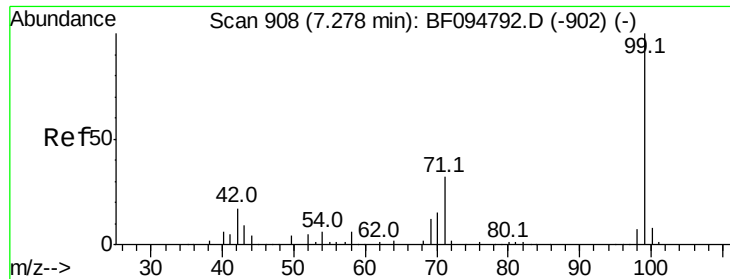
2-Fluorophenol
Concen: 118.15 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Tgt Ion:112 Resp: 623018
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 27.5 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: 129.39 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094898.D

Acq: 5 May 2017 4:48

Instrument :

BNA_F

ClientSampled :

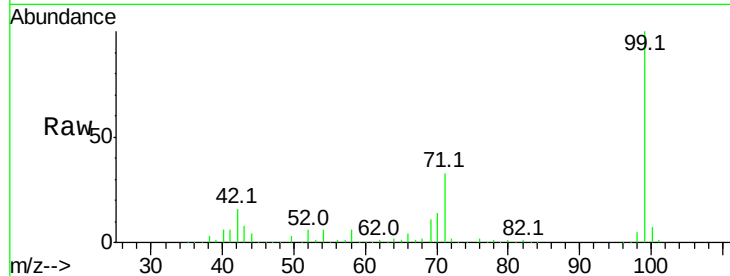
Tot Ion: 99 Resp: 818679

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

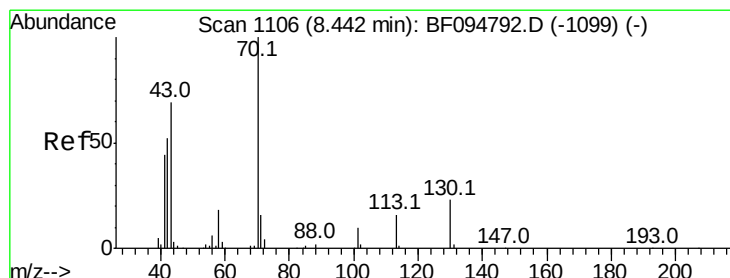
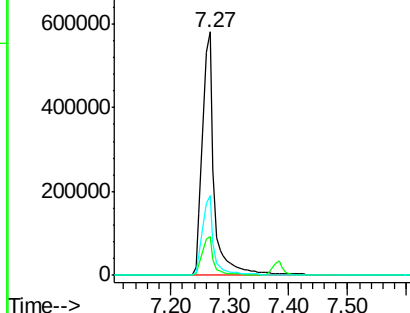
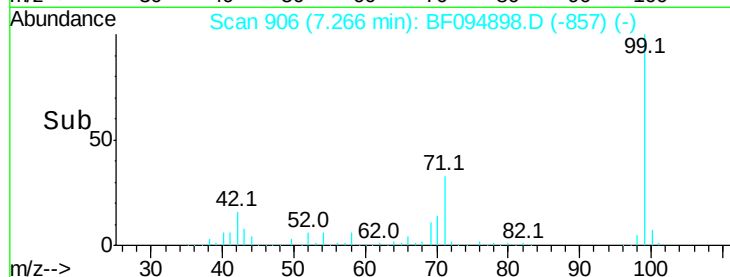
71 32.6 24.5 36.7



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: 13.78 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094898.D

Acq: 5 May 2017 4:48

Tgt Ion: 70 Resp: 58947

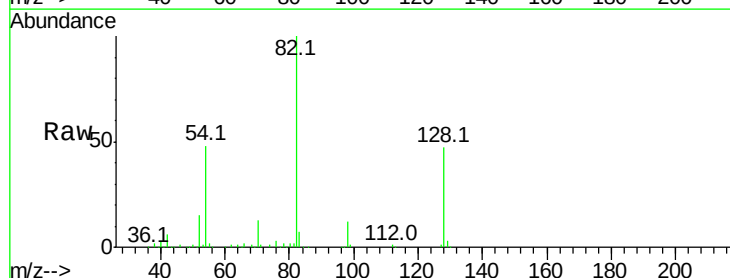
Ion Ratio Lower Upper

70 100

42 42.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

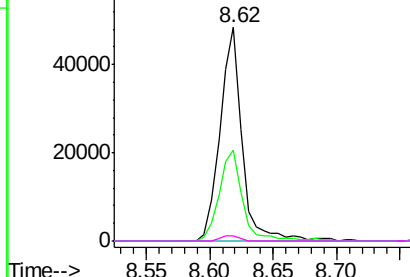
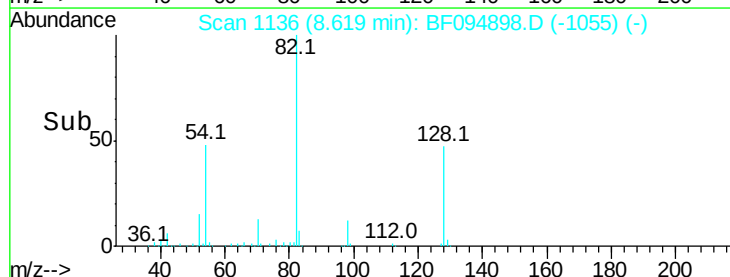


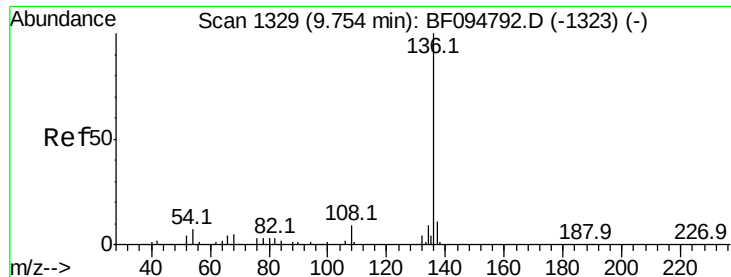
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

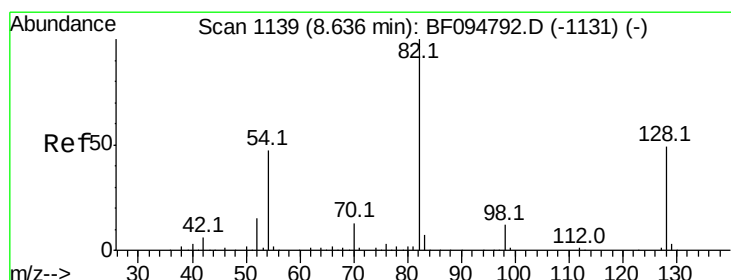
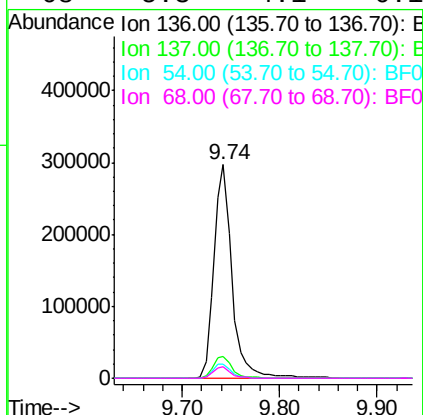
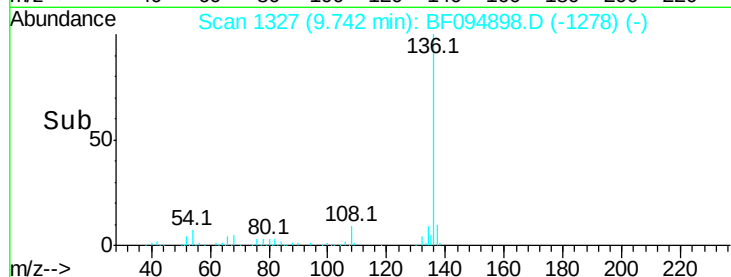
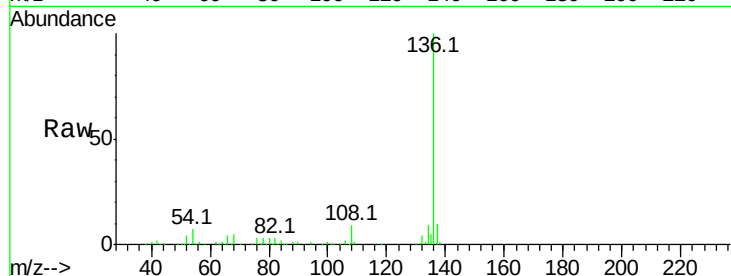




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

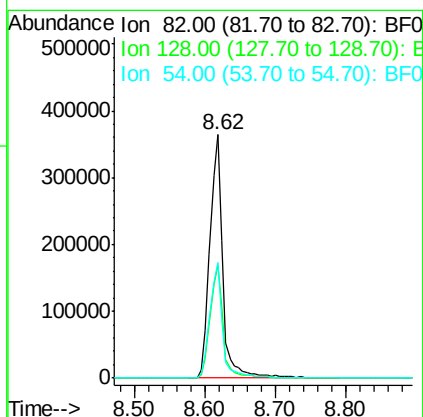
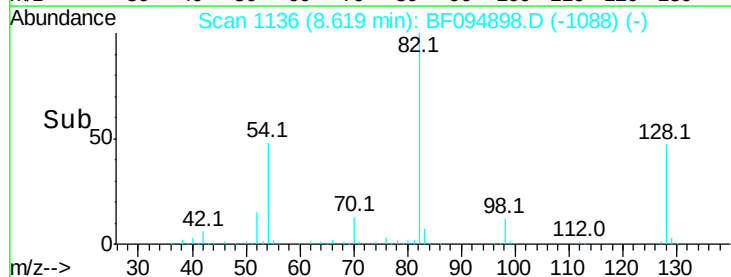
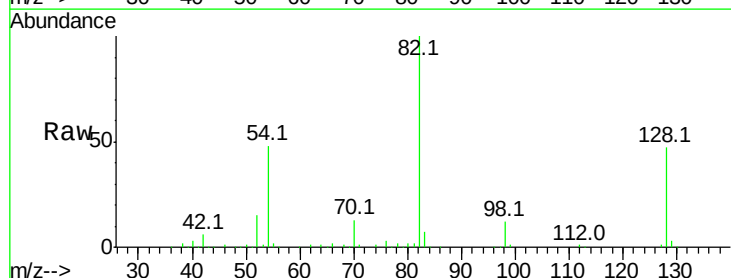
Instrument :
BNA_F
ClientSampleId :

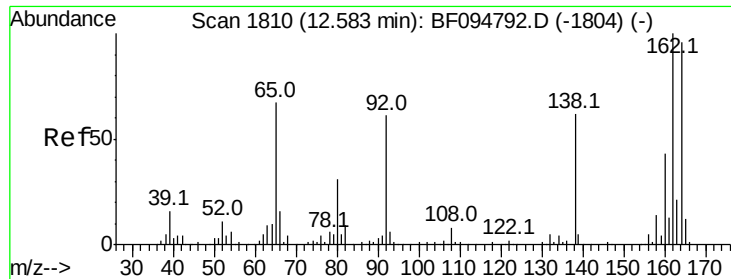
Tot Ion:136	Resp:	383075
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	6.9	4.9 7.3
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094898.D
Acq: 5 May 2017 4:48

Tgt Ion: 82	Resp:	468795
Ion Ratio	Lower	Upper
82	100	
128	46.7	34.0 51.0
54	47.5	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: BF094898.D

Acq: 5 May 2017 4:48

Instrument :

BNA_F

ClientSampleId :

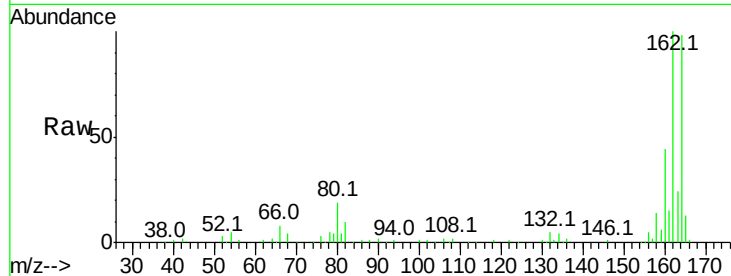
Tot Ion:164 Resp: 176650

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

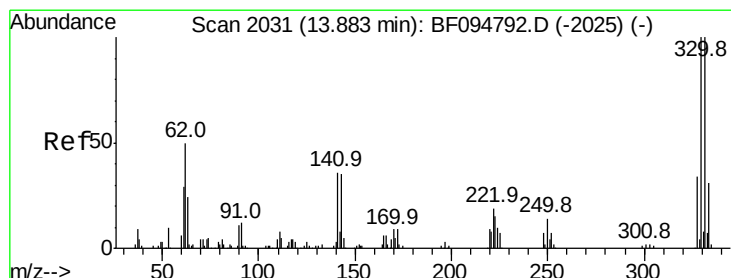
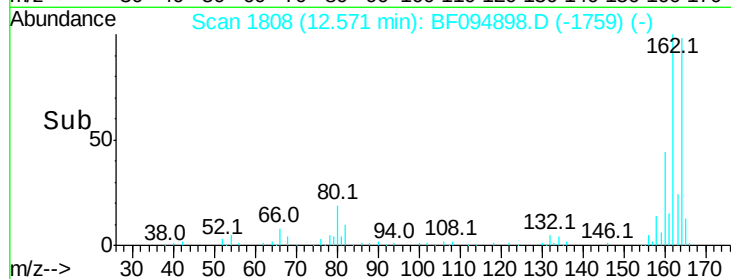
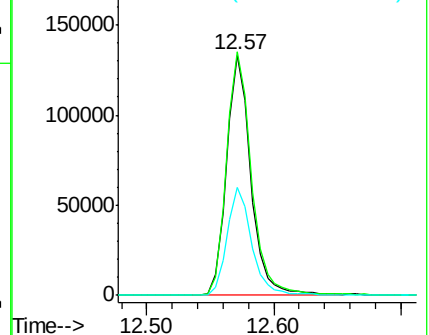
160 45.1 36.2 54.2



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: 115.05 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094898.D

Acq: 5 May 2017 4:48

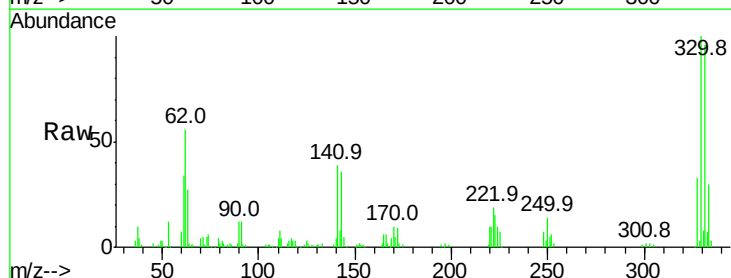
Tgt Ion:330 Resp: 166445

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

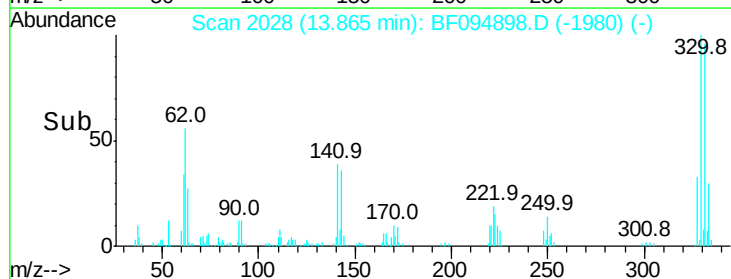
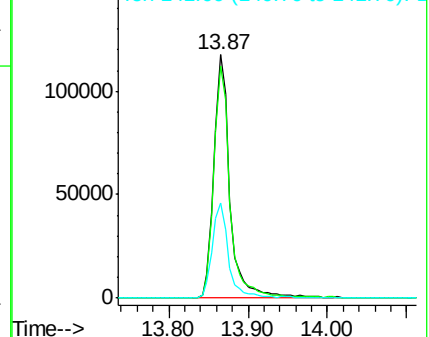
141 39.2 31.4 47.2

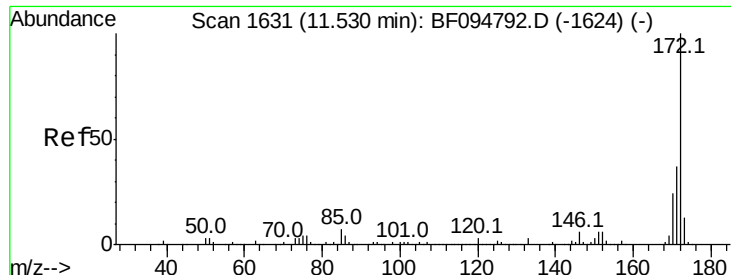


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

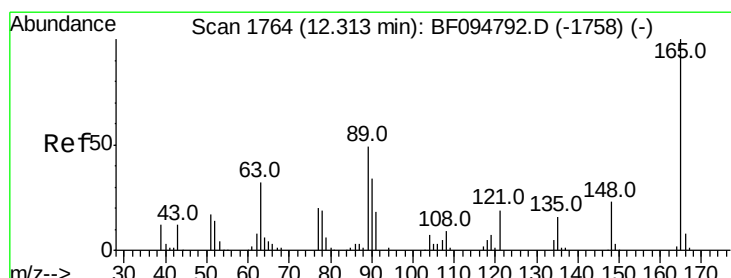
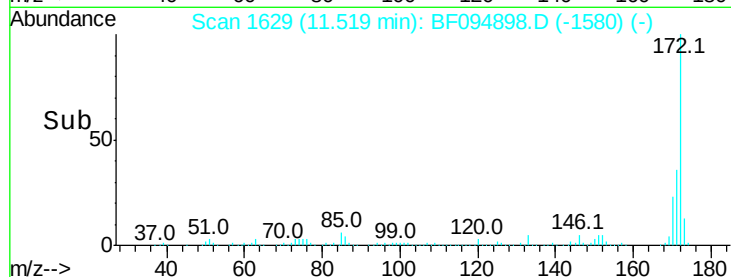
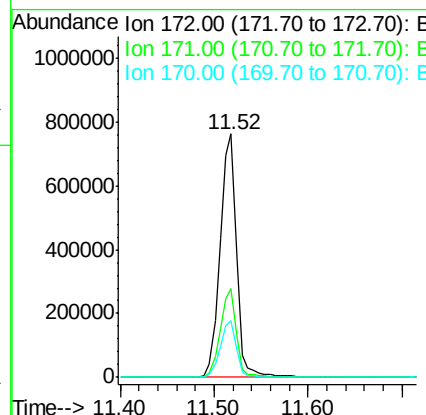
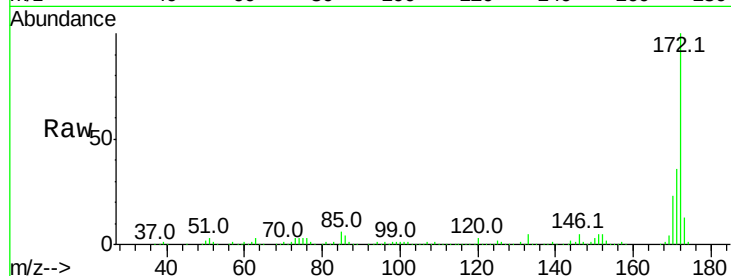




#44
 2-Fluorobiphenyl
 Concen: 76.61 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

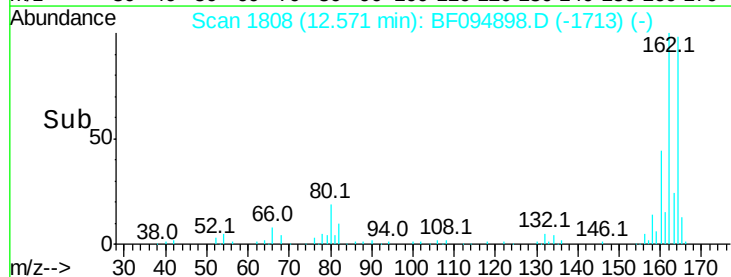
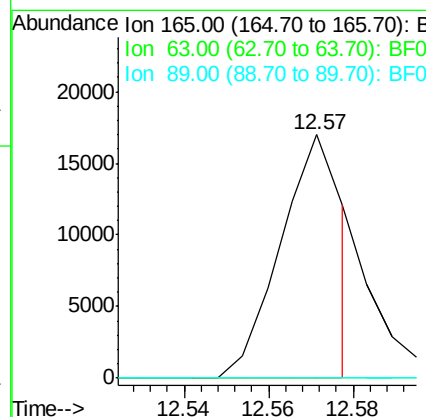
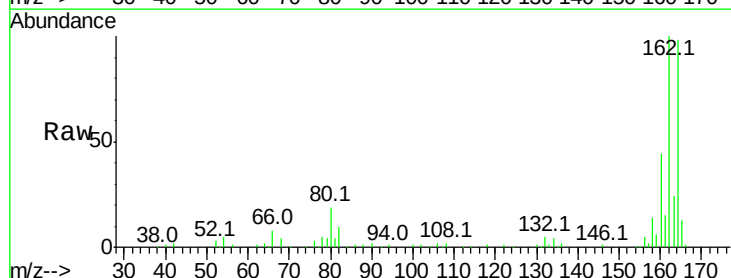
Instrument :
 BNA_F
 ClientSampleId :

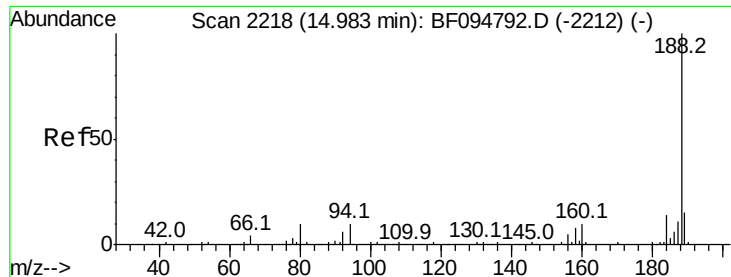
Tot Ion:172 Resp: 940284
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.88 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Tgt Ion:165 Resp: 17407
 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: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094898.D

Acq: 5 May 2017 4:48

Instrument :

BNA_F

ClientSampleId :

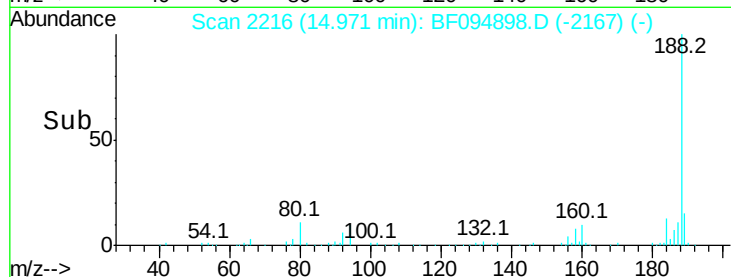
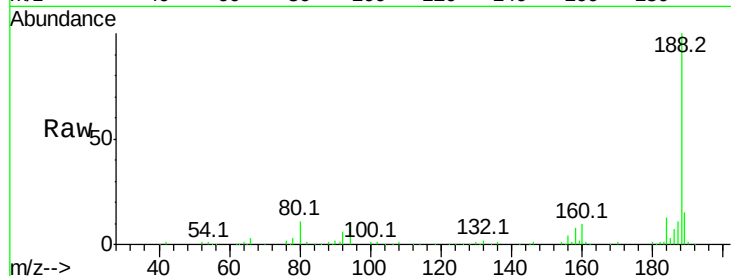
Tot Ion:188 Resp: 310596

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

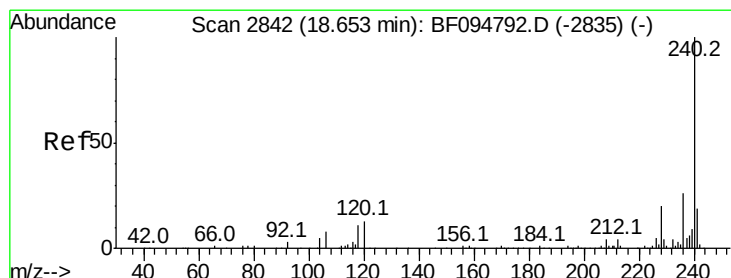
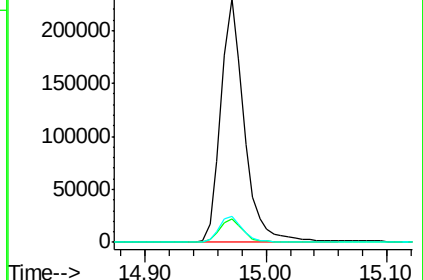
80 10.8 10.2 15.2



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: BF094898.D

Acq: 5 May 2017 4:48

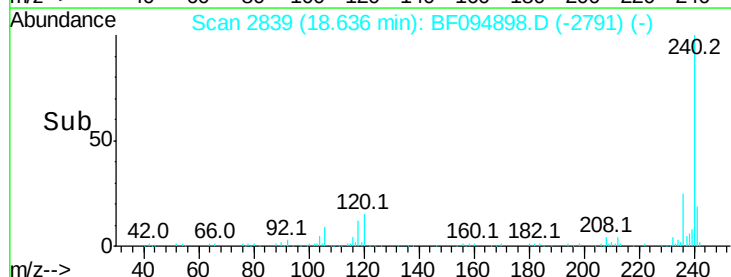
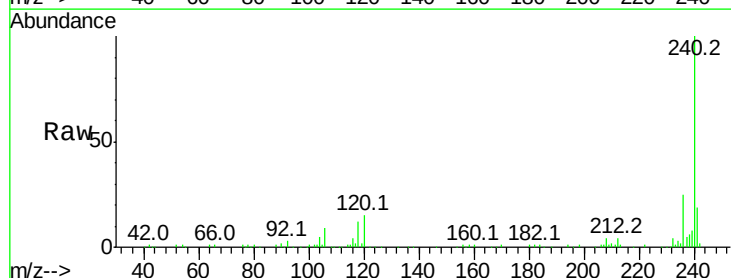
Tgt Ion:240 Resp: 213927

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

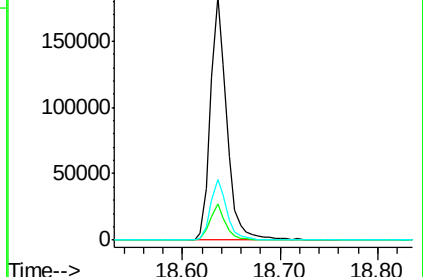
236 24.7 20.5 30.7

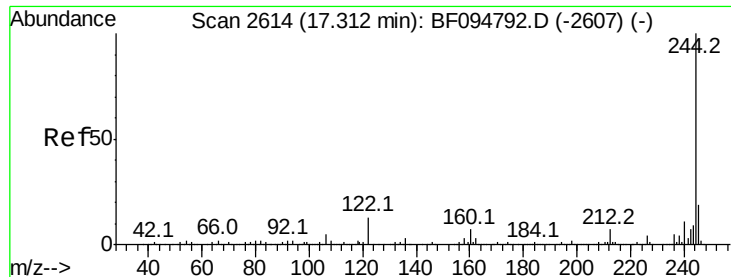


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

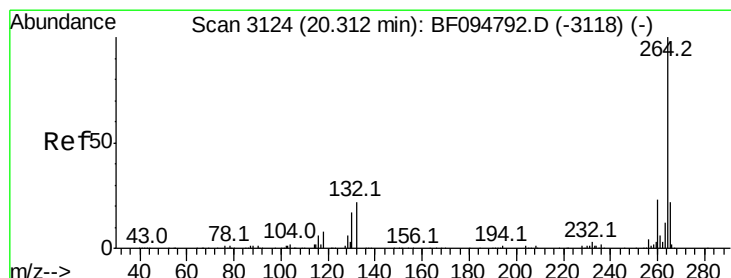
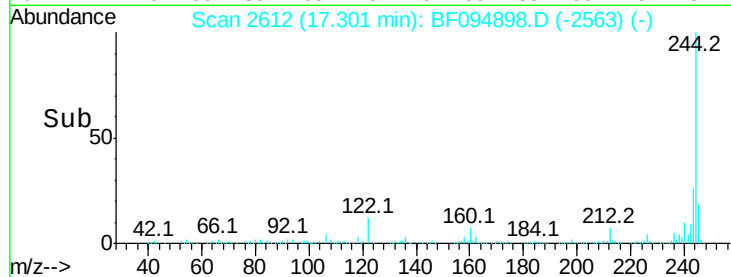
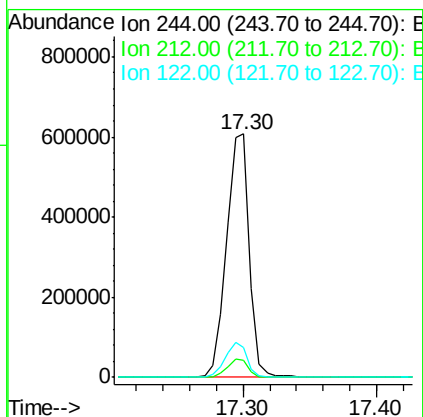
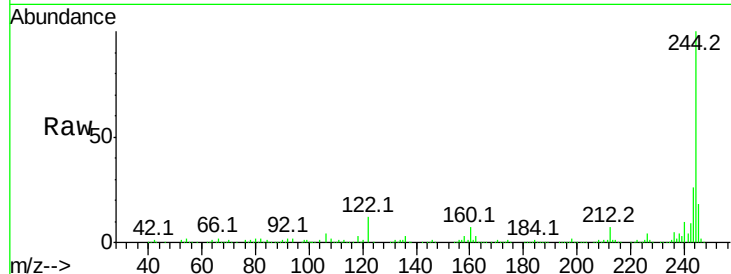




#78
 Terphenyl-d14
 Concen: 75.13 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 729706
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094898.D
 Acq: 5 May 2017 4:48

Tgt Ion:264 Resp: 189876
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.4 17.2 25.8

