

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095032.D
 Acq On : 9 May 2017 20:39
 Operator : SJ/MA
 Sample : I3014-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:15:51 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

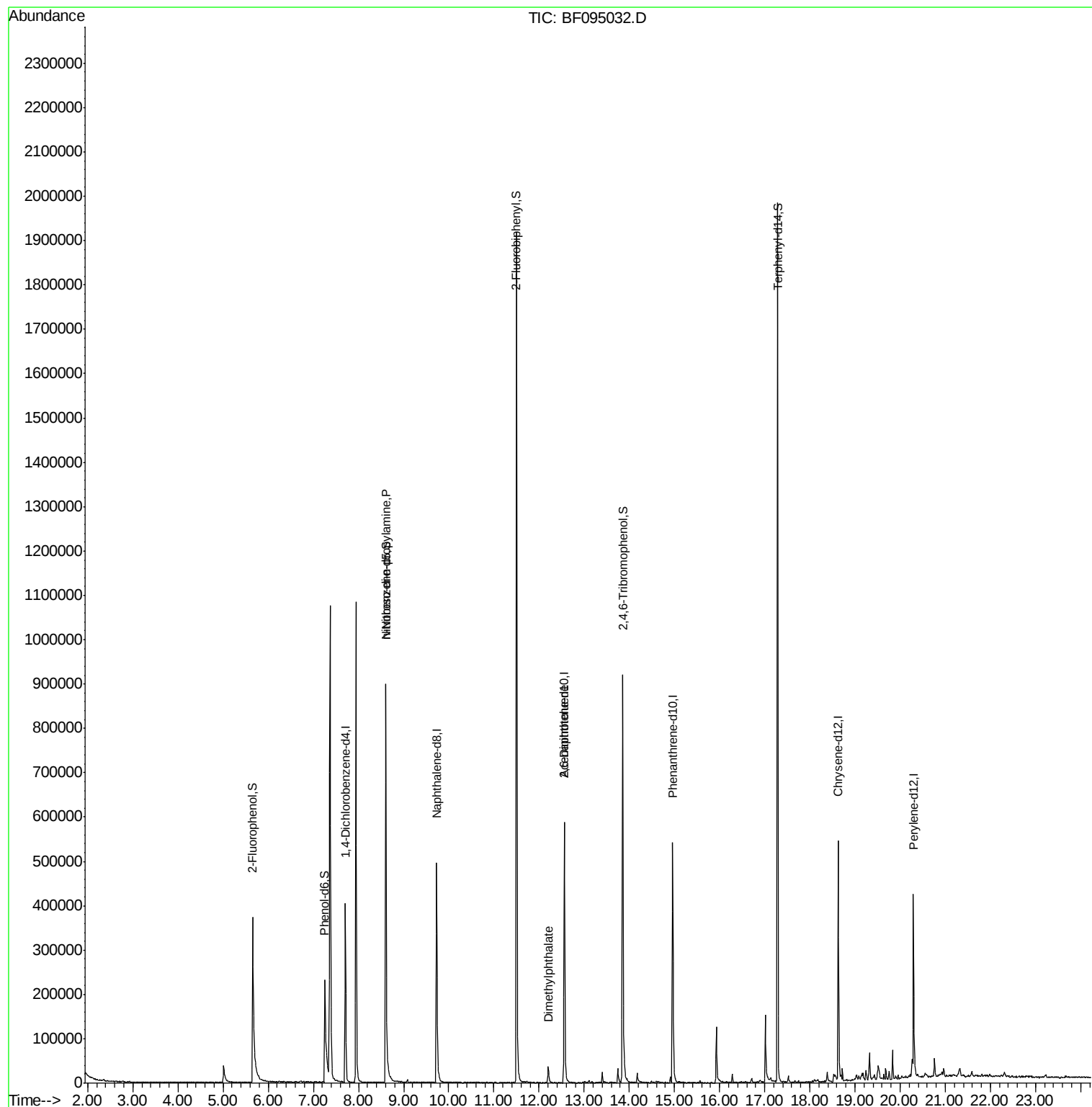
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	90006	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	380998	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	182621	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	323142	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	260568	20.00	ng	-0.02
86) Perylene-d12	20.29	264	196681	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	281156	52.08	ng	-0.02
7) Phenol-d6	7.25	99	222398	34.33	ng	-0.02
23) Nitrobenzene-d5	8.61	82	441078	73.00	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	168635	112.75	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	886821	69.90	ng	-0.03
78) Terphenyl-d14	17.29	244	765724	64.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	55403	12.65	ng	# 77
49) Dimethylphthalate	12.21	163	31342	2.09	ng	99
50) 2,6-Dinitrotoluene	12.56	165	18494	6.05	ng	# 31

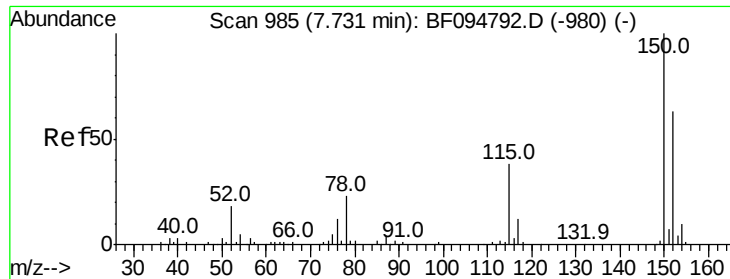
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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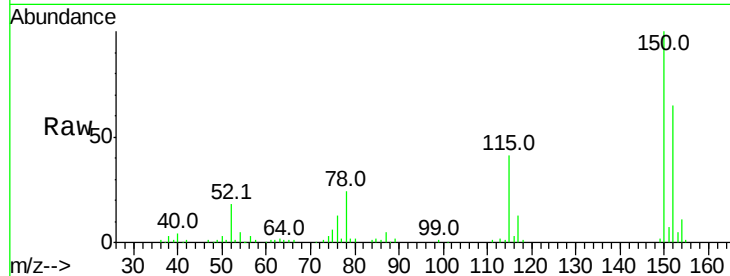


#1

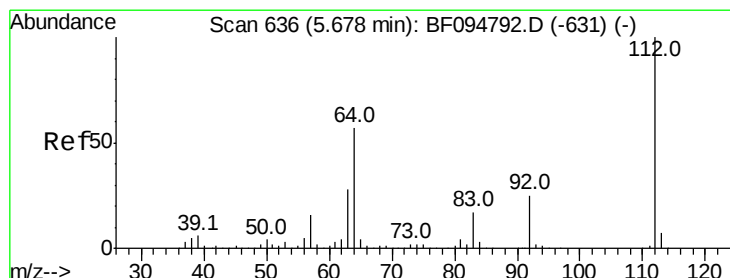
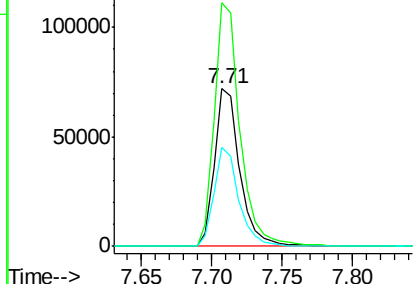
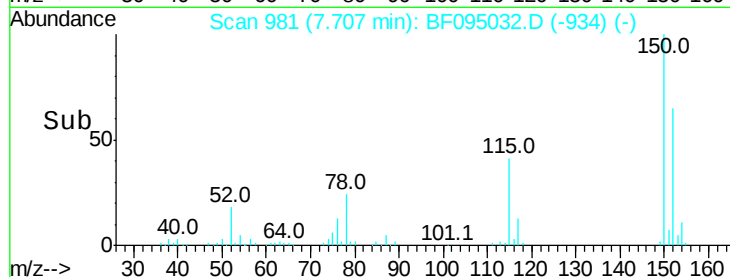
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90006
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 62.9 52.2 78.2



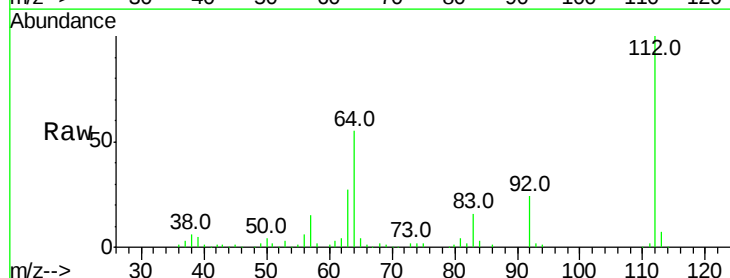
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



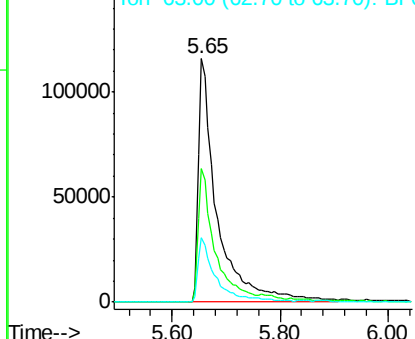
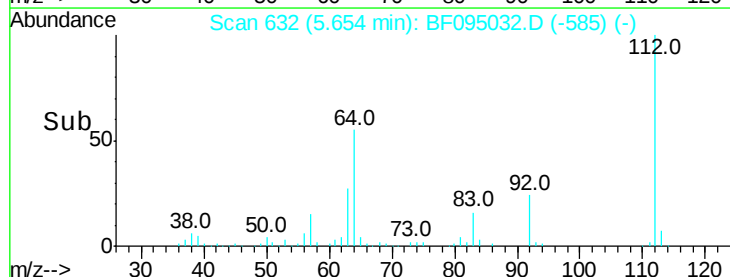
#5

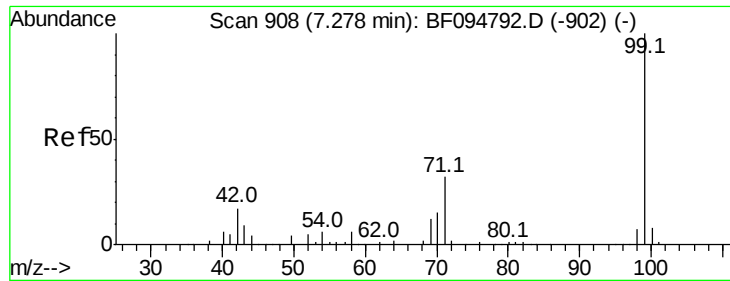
2-Fluorophenol
Concen: 52.08 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Tgt Ion:112 Resp: 281156
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 26.6 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: 34.33 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Instrument :

BNA_F

ClientSampled :

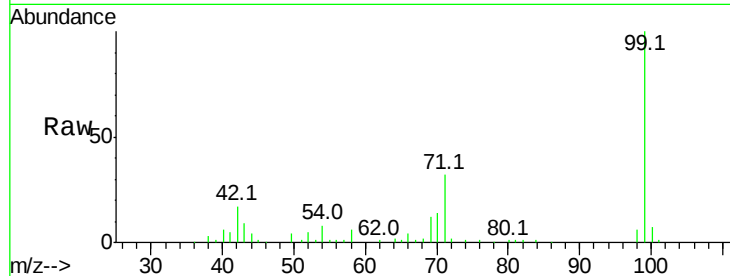
Tot Ion: 99 Resp: 222398

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

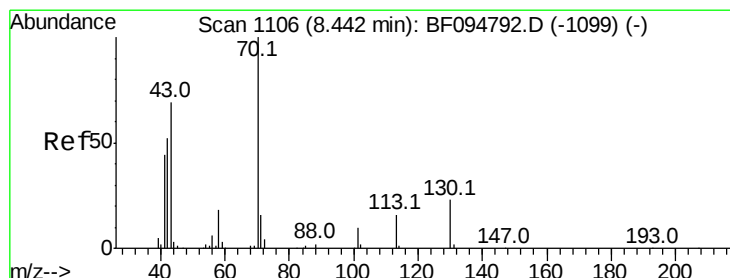
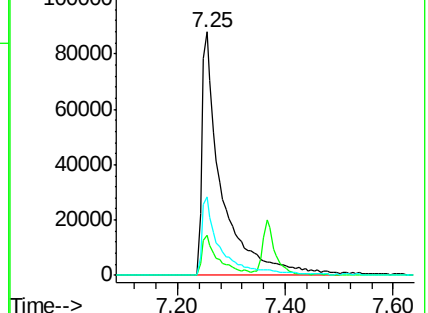
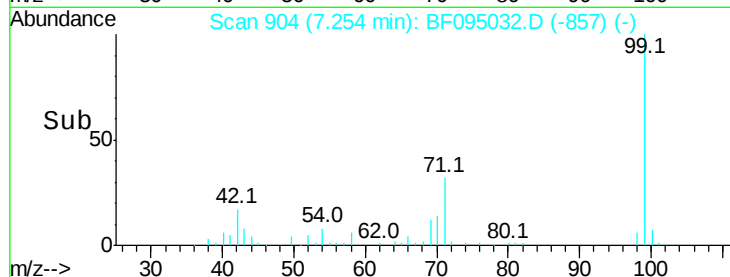
71 32.4 24.5 36.7



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: 12.65 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Tgt Ion: 70 Resp: 55403

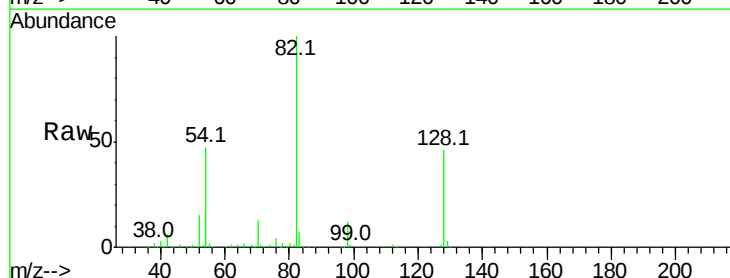
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

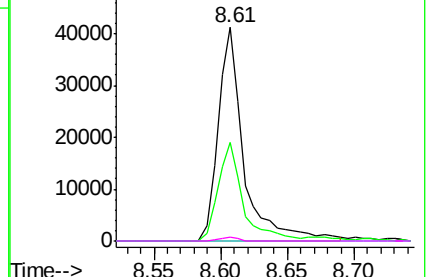
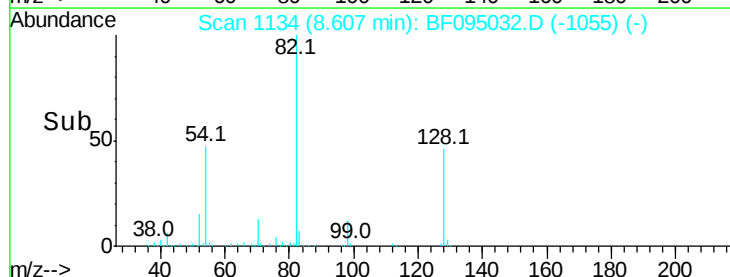


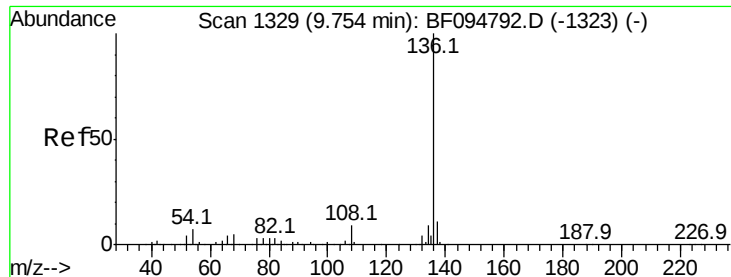
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 380998

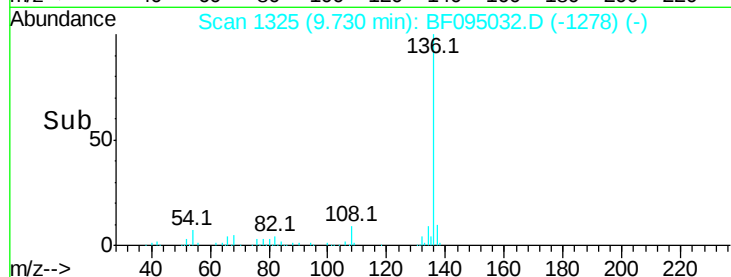
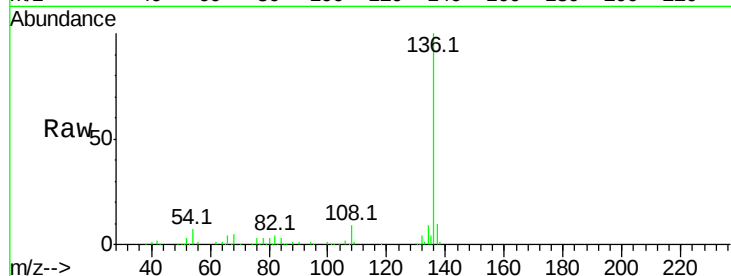
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

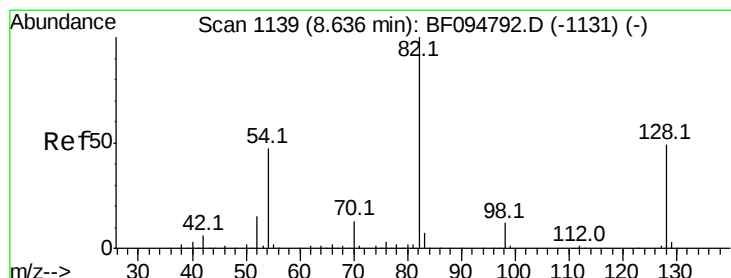
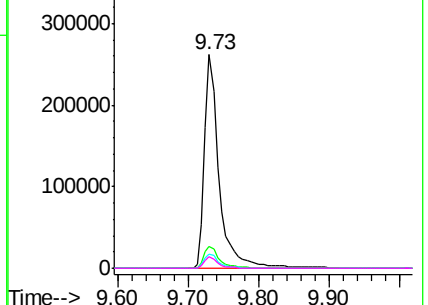


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.00 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

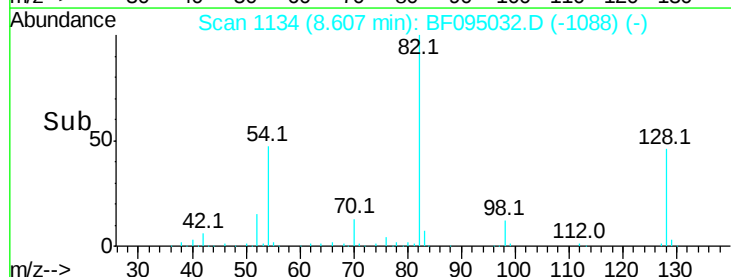
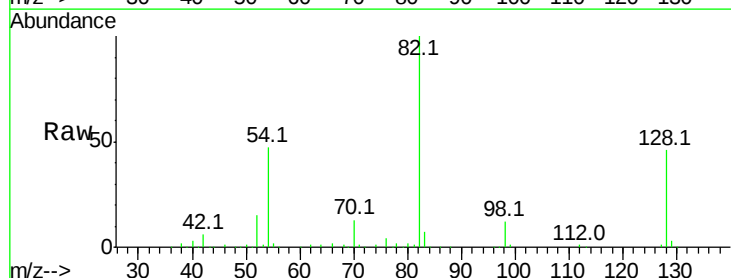
Tgt Ion: 82 Resp: 441078

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

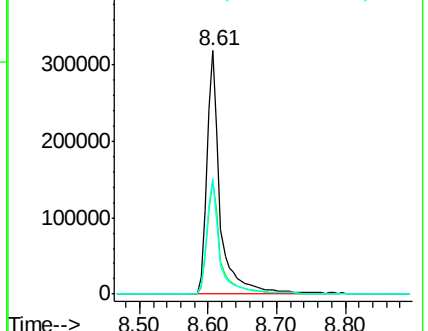
54 47.3 42.2 63.2

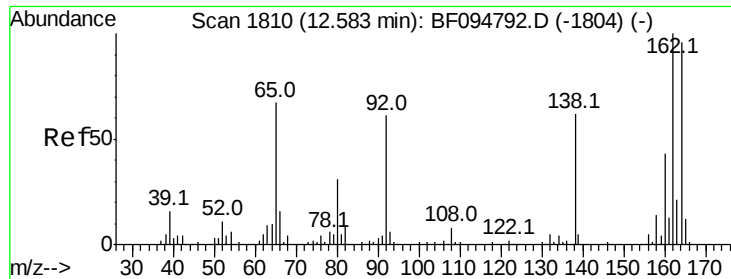


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

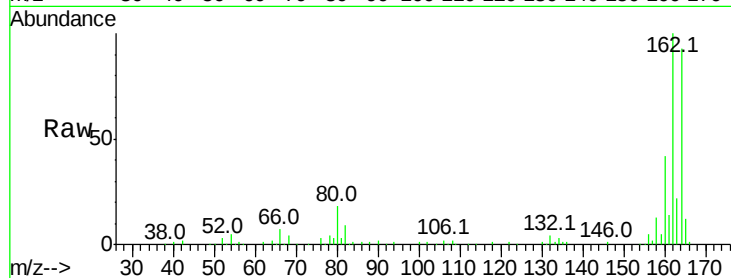
Tot Ion:164 Resp: 182621

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

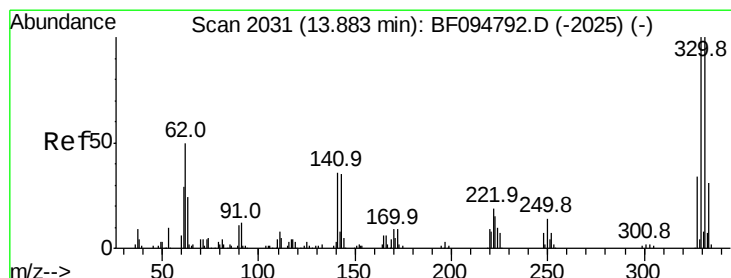
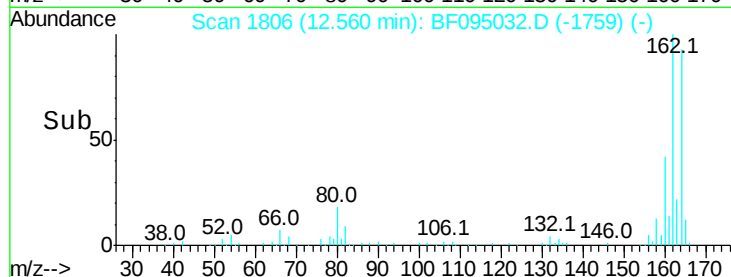
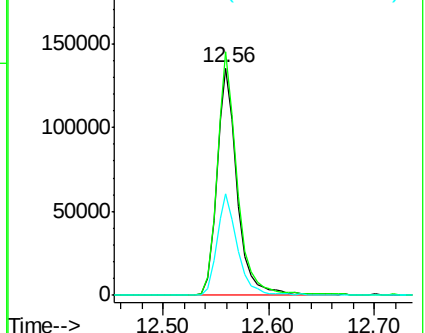
160 45.0 36.2 54.2



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: 112.75 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

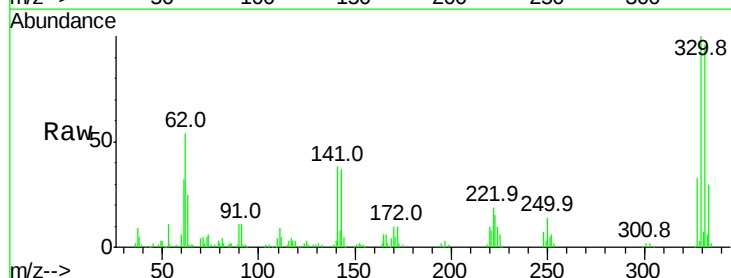
Tgt Ion:330 Resp: 168635

Ion Ratio Lower Upper

330 100

332 93.8 76.6 115.0

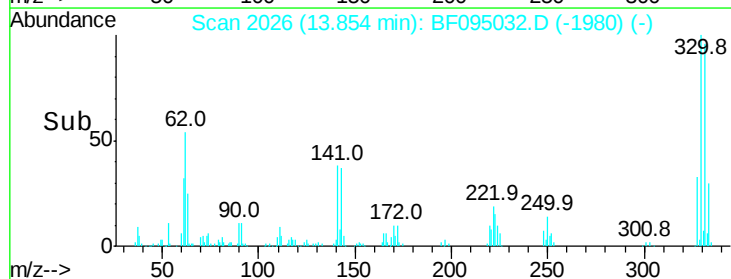
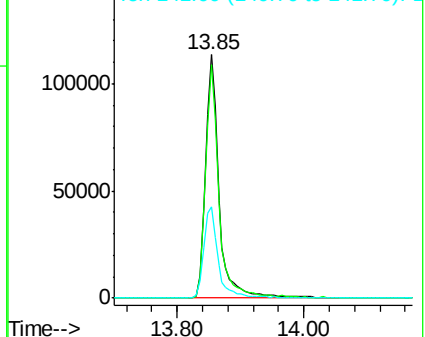
141 39.6 31.4 47.2

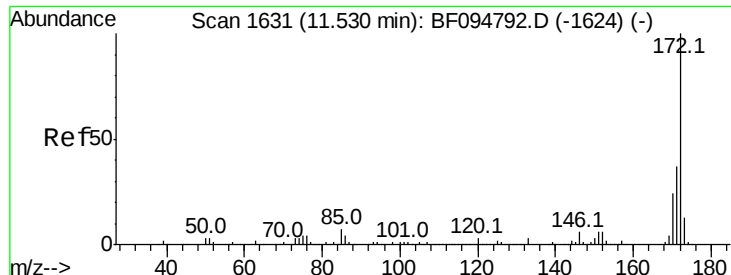


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

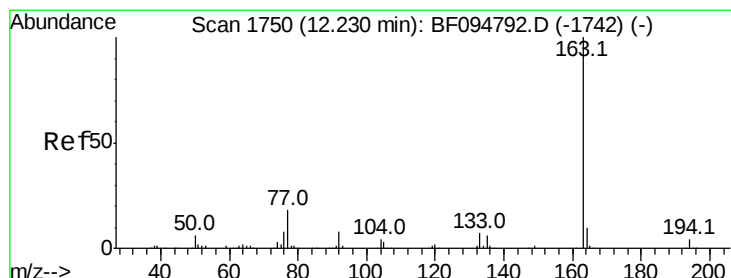
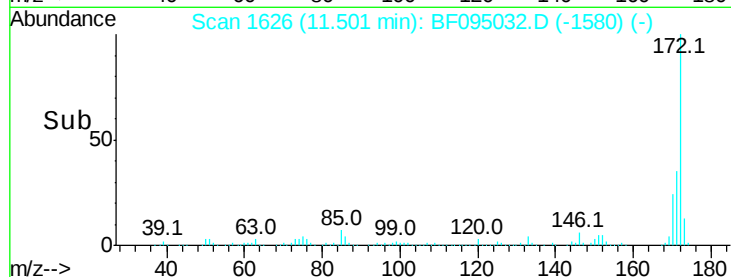
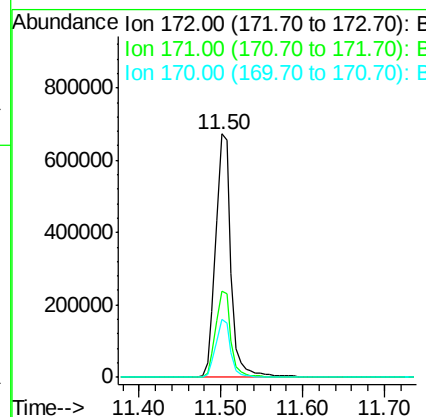
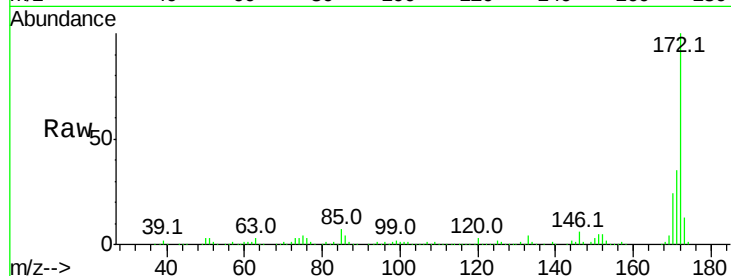




#44
2-Fluorobiphenyl
Concen: 69.90 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

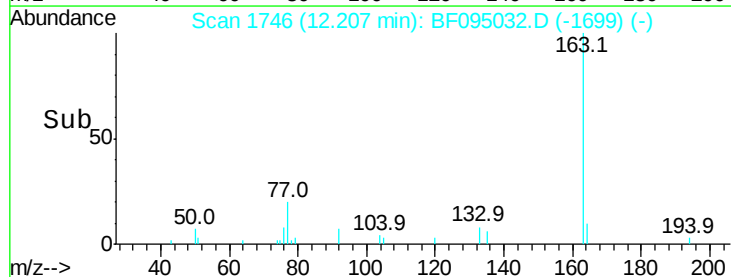
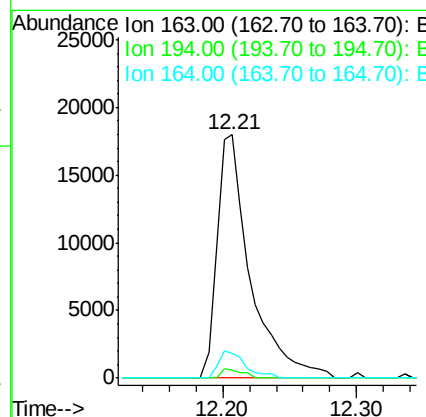
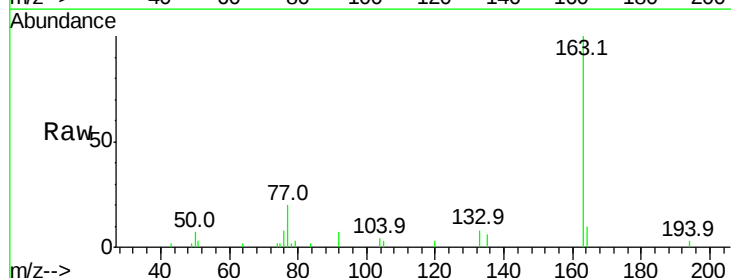
Instrument :
BNA_F
ClientSampleId :

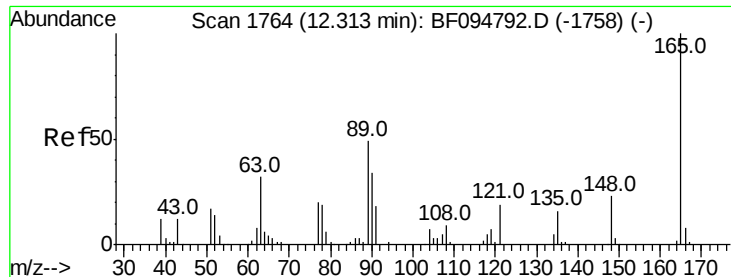
Tot Ion:172 Resp: 886821
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 2.09 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Tgt Ion:163 Resp: 31342
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6

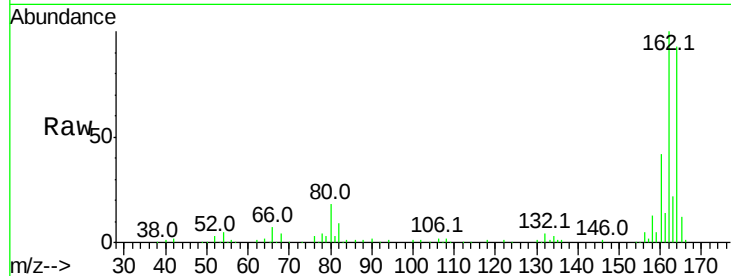




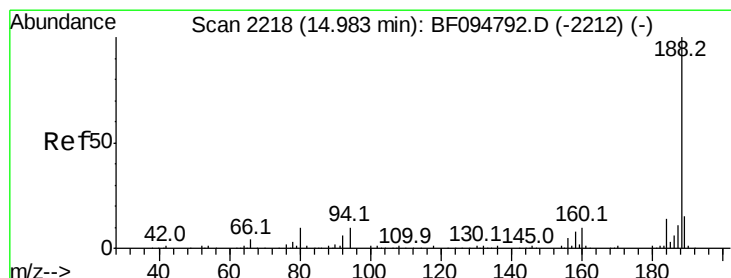
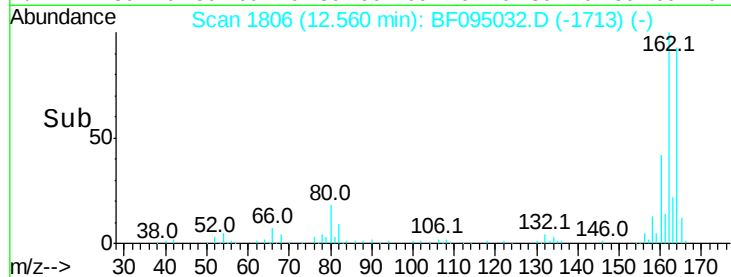
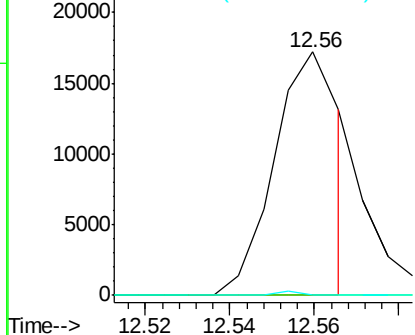
#50
 2,6-Dinitrotoluene
 Concen: 6.05 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. 0.25 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18494
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

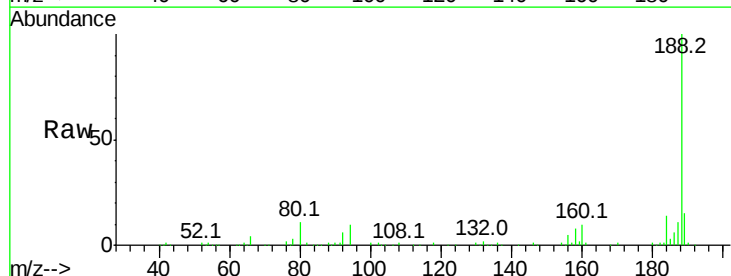


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

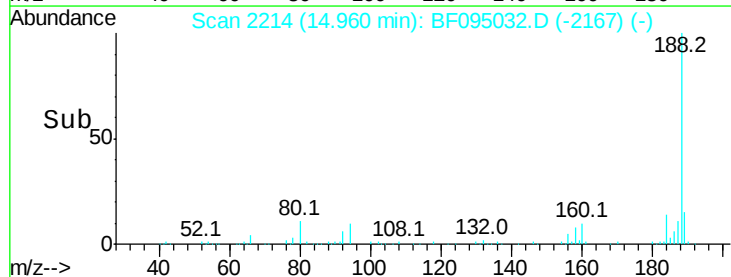
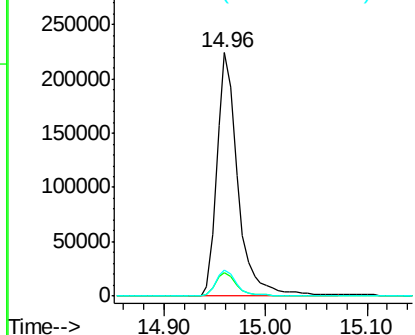


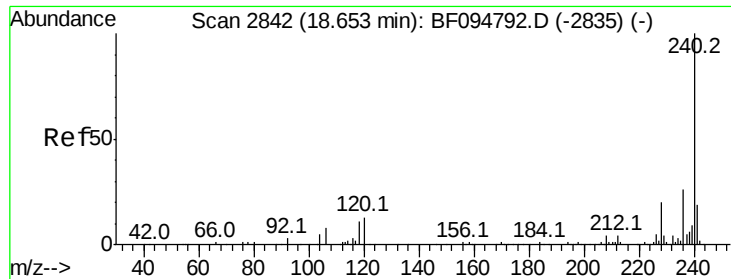
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

Tgt Ion:188 Resp: 323142
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.6 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

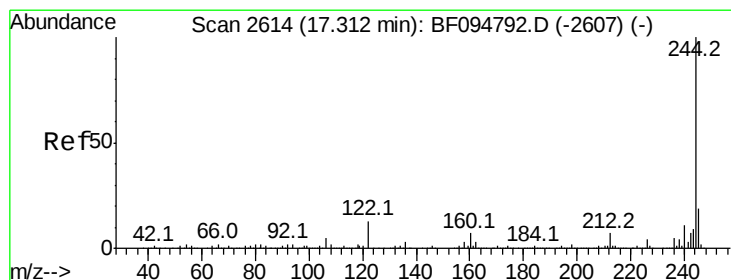
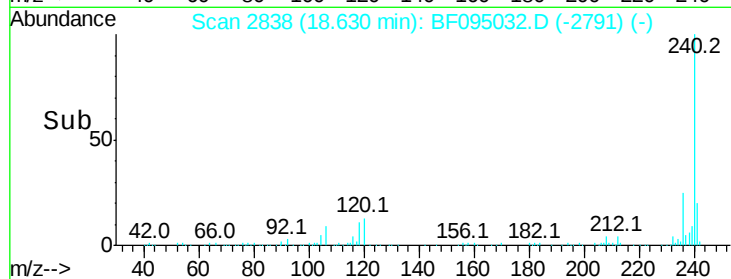
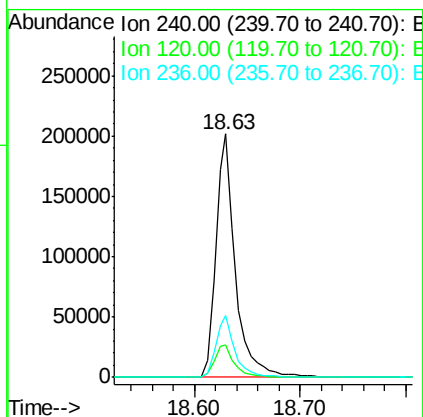
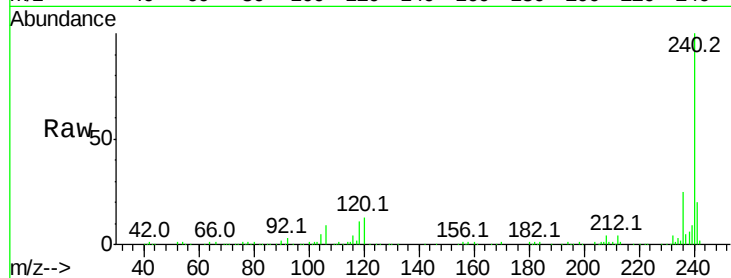




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

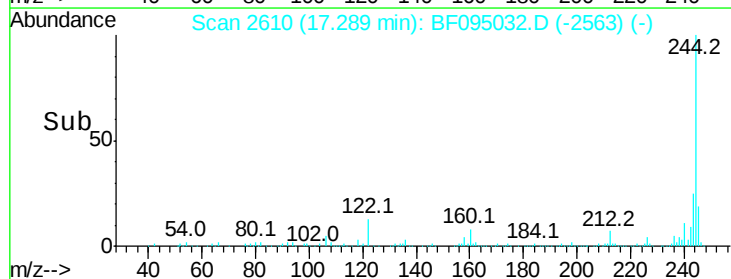
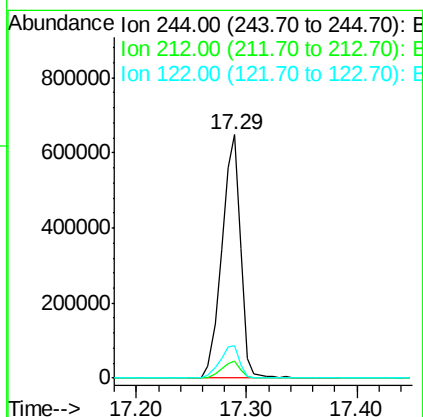
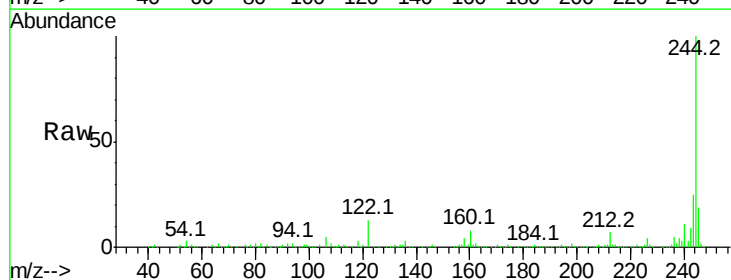
Instrument :
 BNA_F
 ClientSampled :

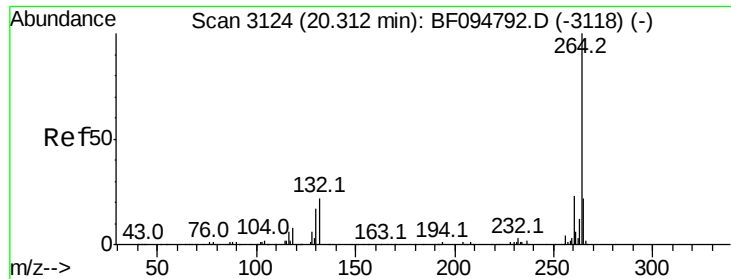
Tot Ion:240 Resp: 260568
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 64.73 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

Tgt Ion:244 Resp: 765724
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.5 10.3 15.5

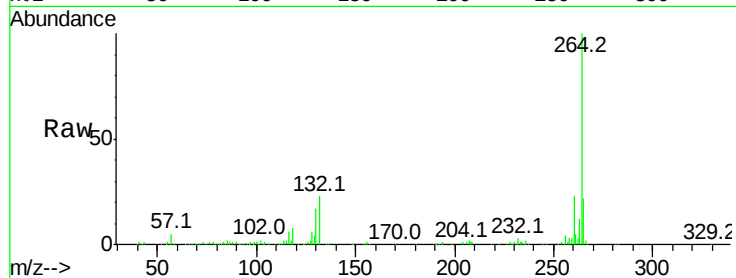




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.3	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

