

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094845.D
 Acq On : 3 May 2017 21:06
 Operator : SJ/MA
 Sample : I2914-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:11:57 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

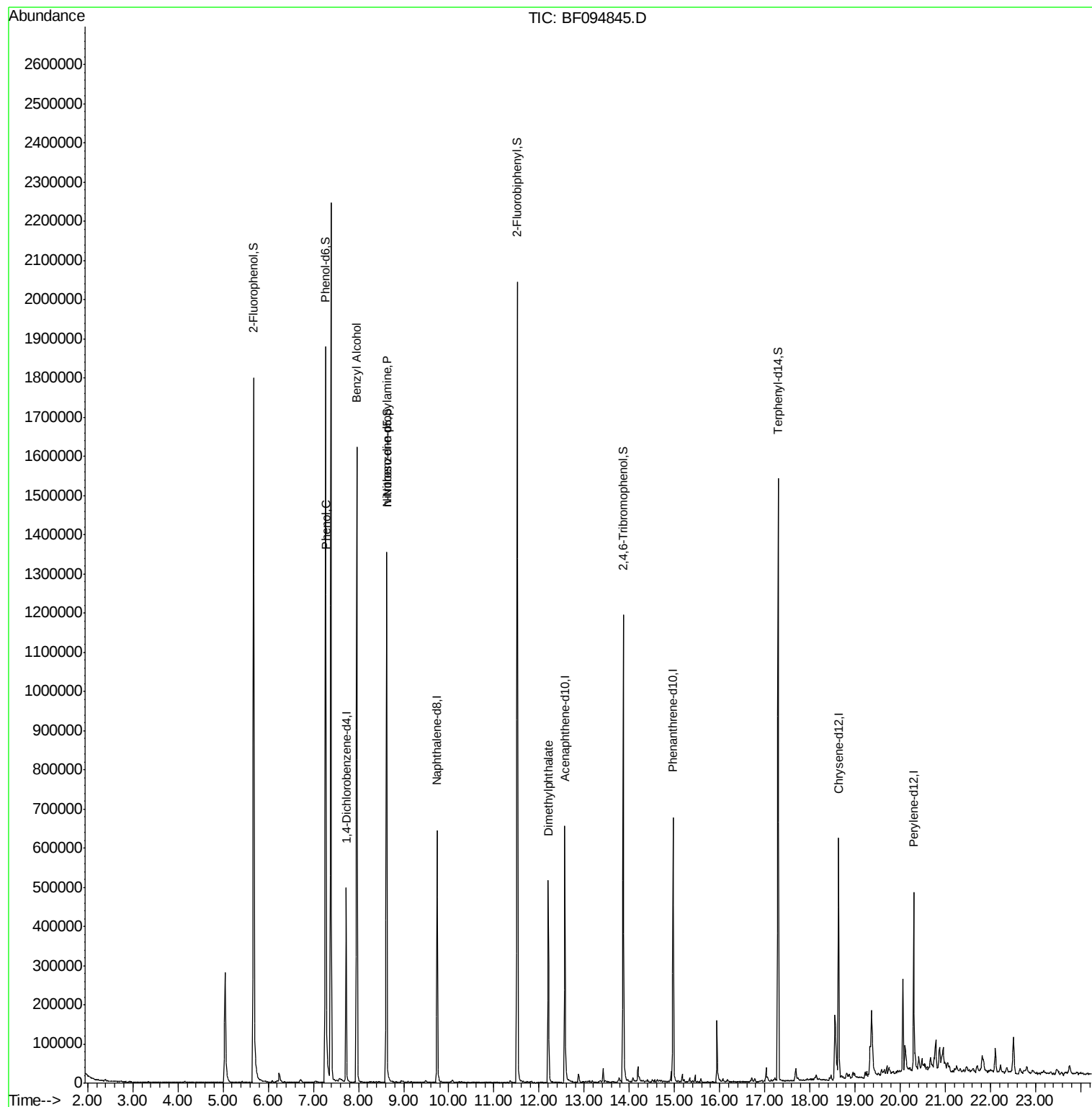
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97035	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	396958	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	183225	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	336497	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	247537	20.00	ng	-0.02
86) Perylene-d12	20.30	264	183678	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	786705	135.17	ng	0.00
7) Phenol-d6	7.27	99	1045911	149.77	ng	0.00
23) Nitrobenzene-d5	8.62	82	607038	96.43	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	190015	126.63	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	863101	67.80	ng	-0.01
78) Terphenyl-d14	17.30	244	604145	53.76	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	28169	3.83	ng	Qvalue 94
15) Benzyl Alcohol	7.97	79	8995	2.00	ng	# 49
19) n-Nitroso-di-n-propylamine	8.62	70	76751	16.25	ng	# 76
49) Dimethylphthalate	12.21	163	288257	19.16	ng	98

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

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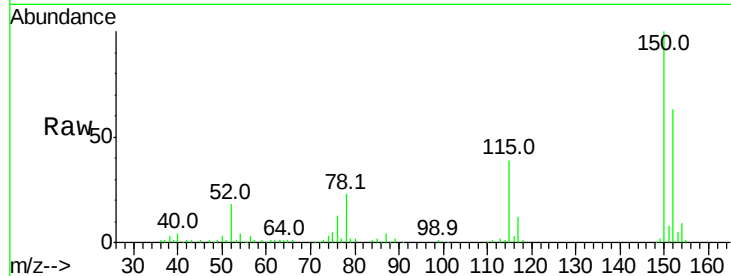


#1

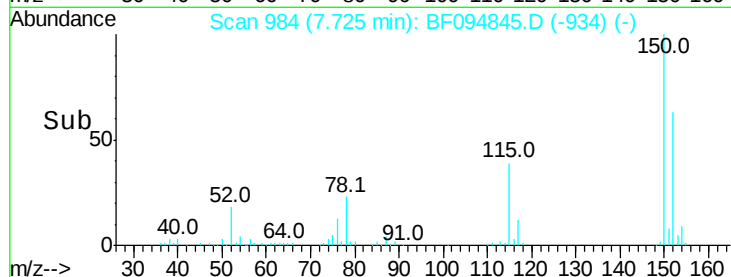
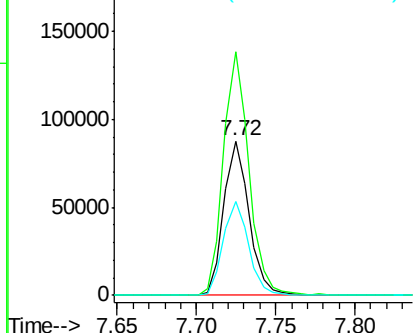
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97035
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 61.1 52.2 78.2



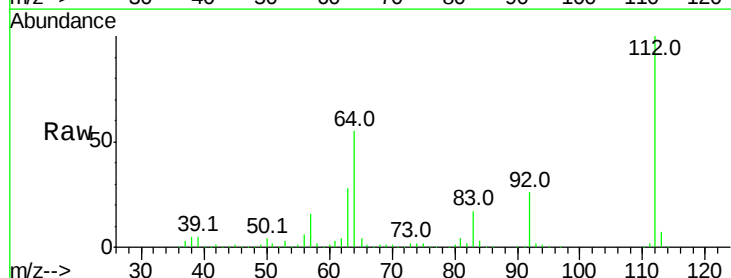
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



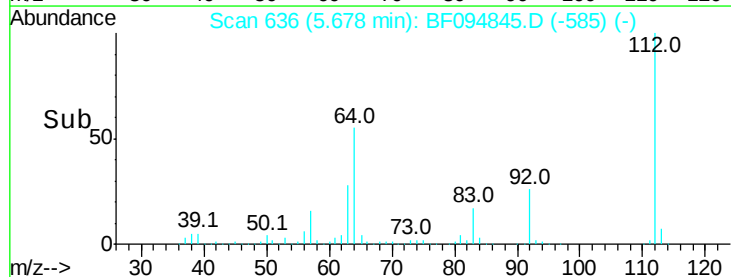
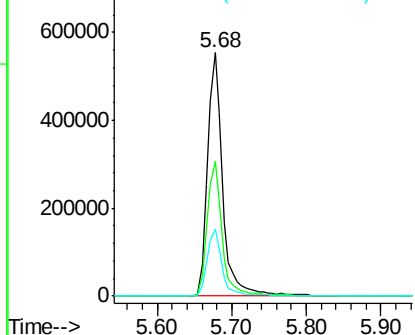
#5

2-Fluorophenol
Concen: 135.17 ng
RT: 5.68 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Tgt Ion:112 Resp: 786705
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 27.7 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: 149.77 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

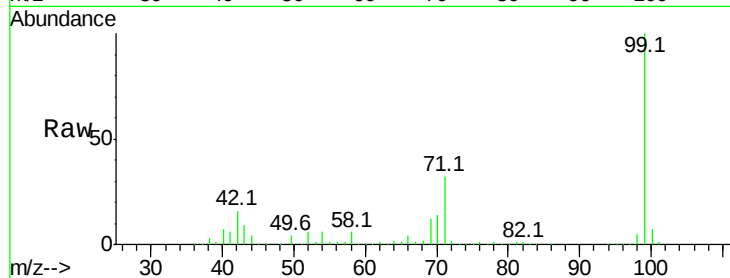
Tot Ion: 99 Resp: 1045911

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

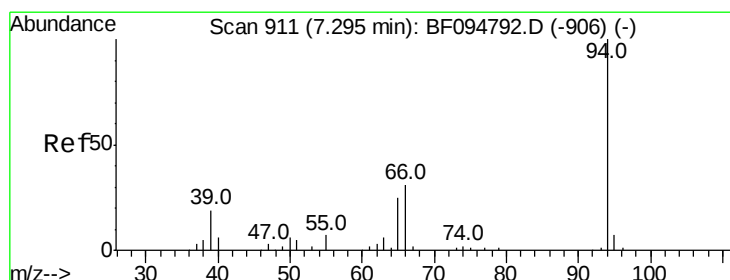
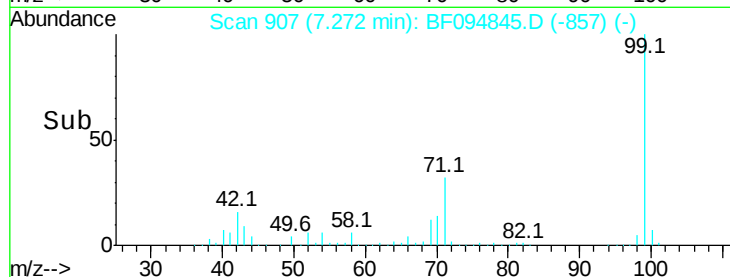
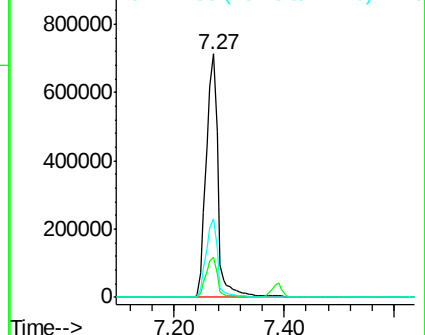
71 32.4 24.5 36.7



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



#10

Phenol

Concen: 3.83 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

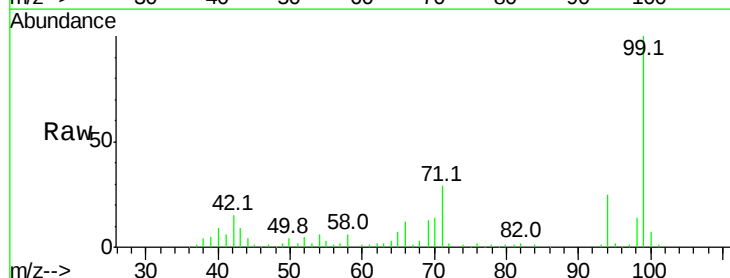
Tgt Ion: 94 Resp: 28169

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

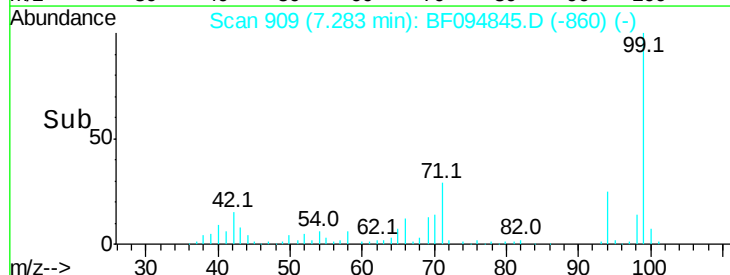
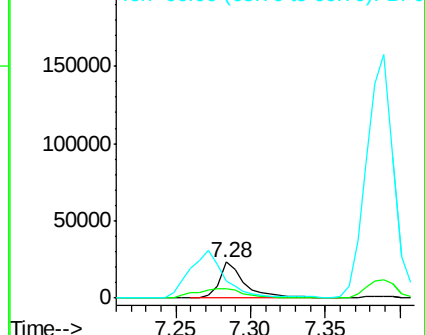
66 47.3 23.1 63.1

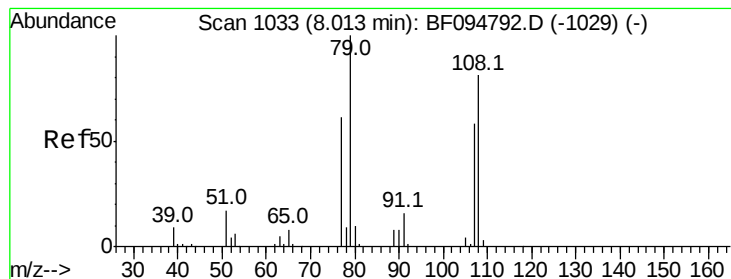


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

Instrument :

BNA_F

ClientSampled :

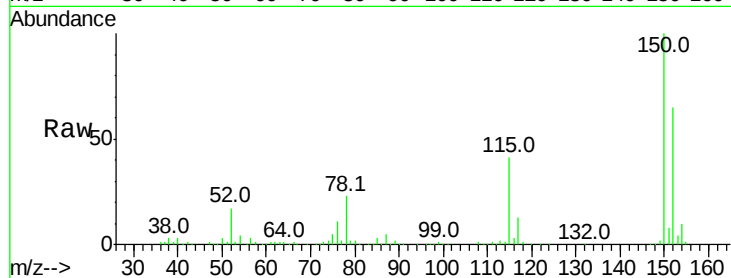
Tot Ion: 79 Resp: 8995

Ion Ratio Lower Upper

79 100

108 30.8 63.4 95.0#

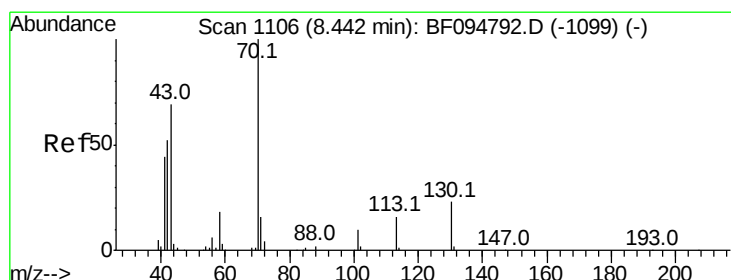
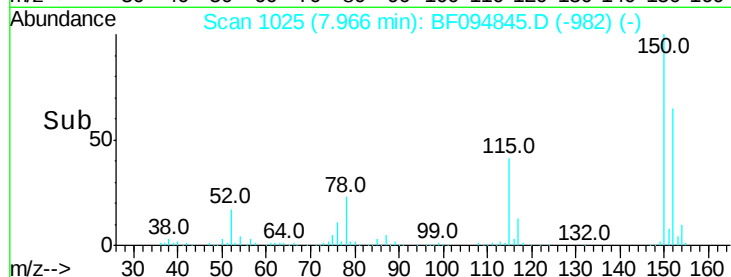
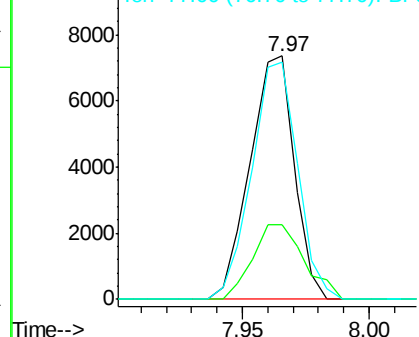
77 97.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.25 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

Tgt Ion: 70 Resp: 76751

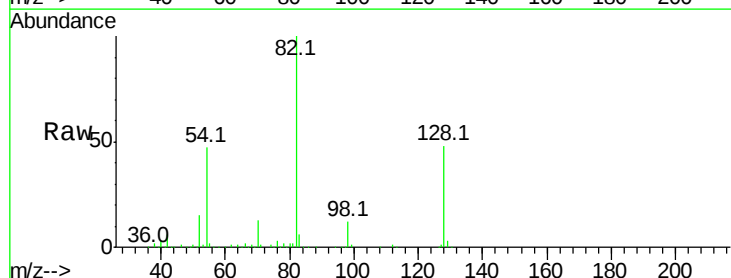
Ion Ratio Lower Upper

70 100

42 44.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

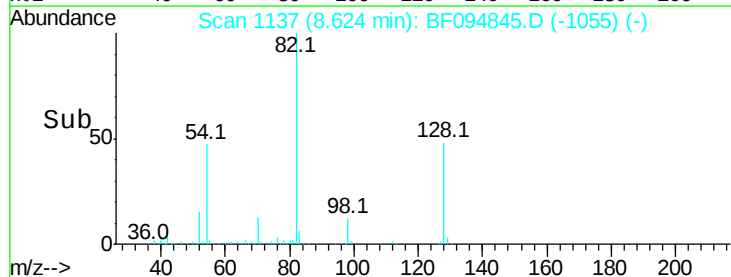
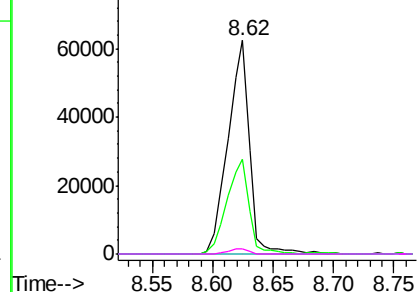


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094845.D

Acq: 3 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 396958

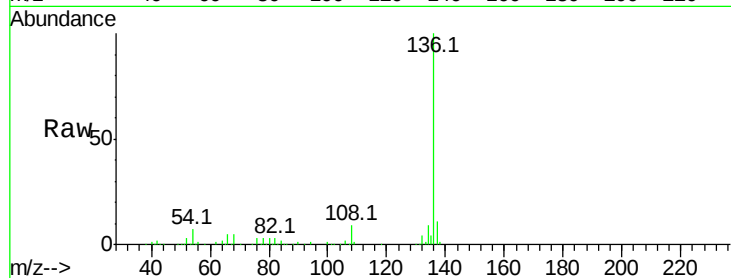
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

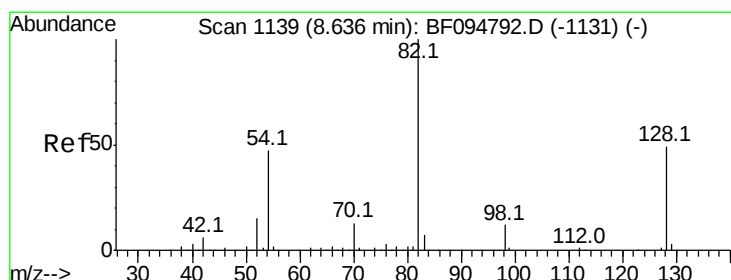
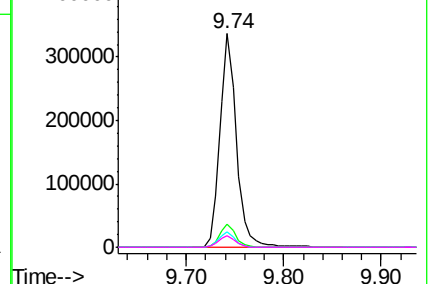
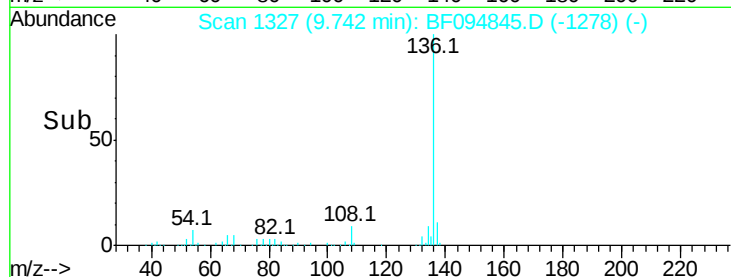


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.43 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

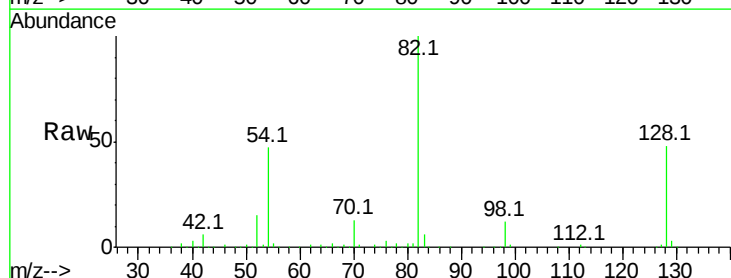
Tgt Ion: 82 Resp: 607038

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

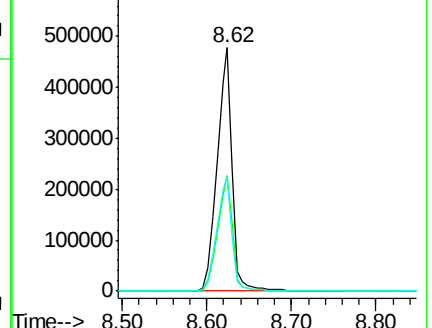
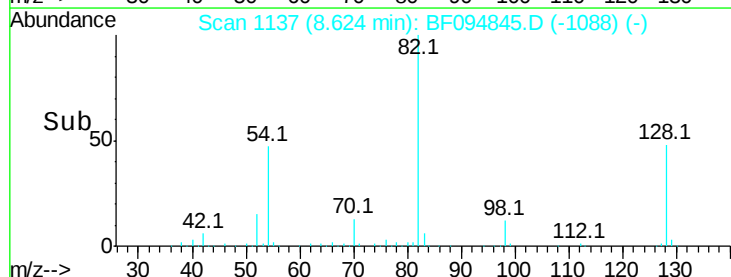
54 47.0 42.2 63.2

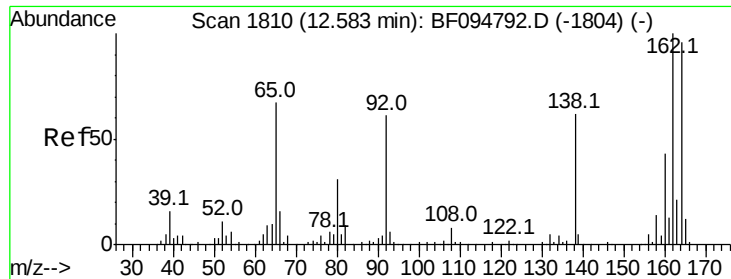


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094845.D

Acq: 3 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

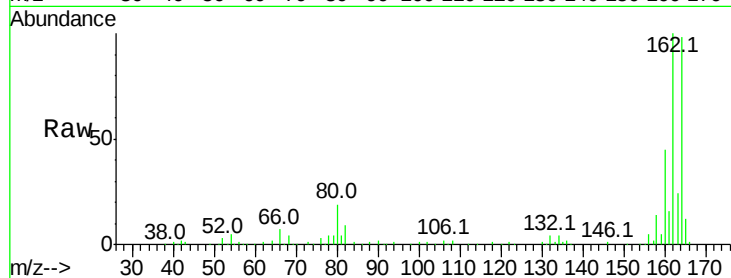
Tot Ion:164 Resp: 183225

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

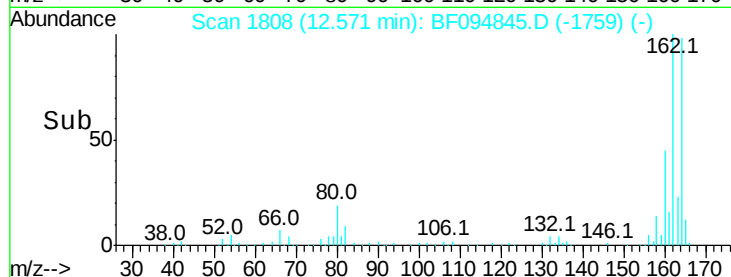
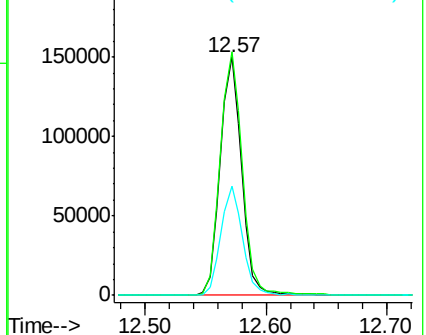
160 45.7 36.2 54.2



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: 126.63 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

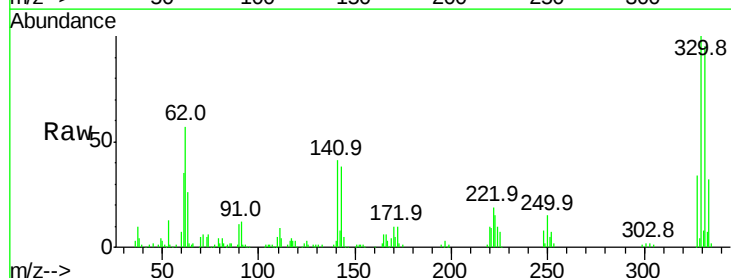
Tgt Ion:330 Resp: 190015

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

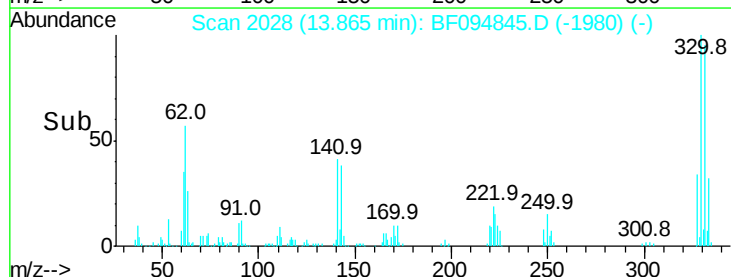
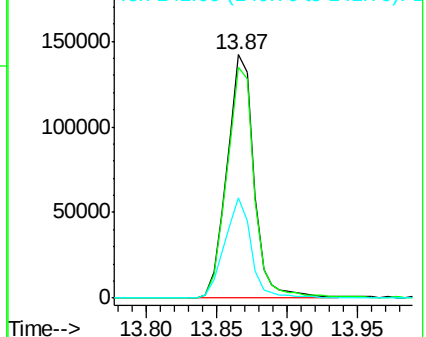
141 40.6 31.4 47.2

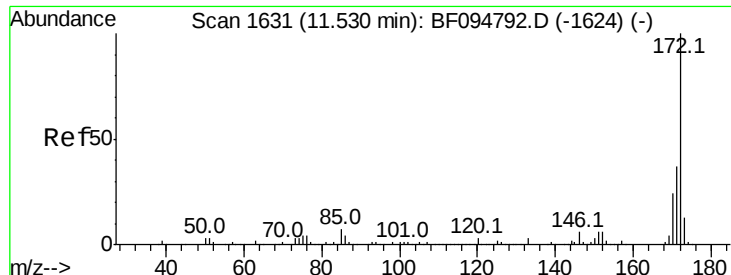


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

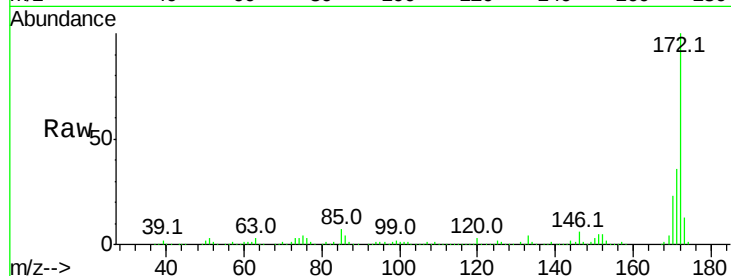




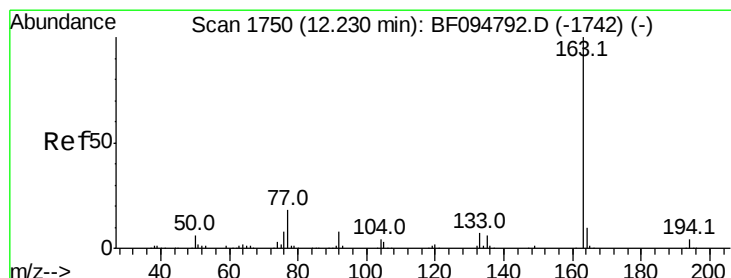
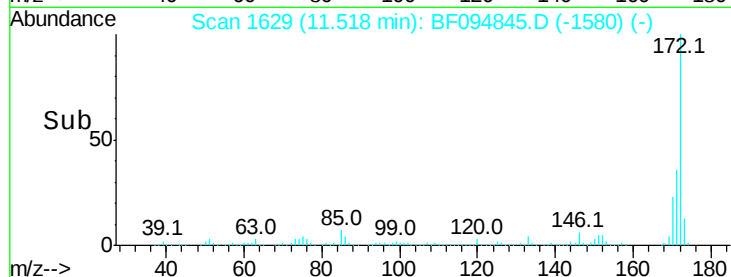
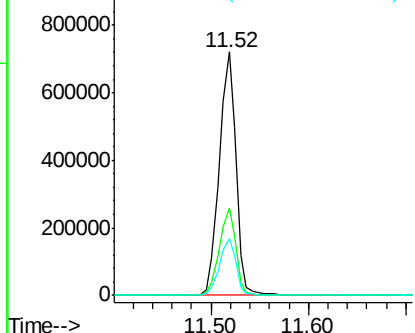
#44
2-Fluorobiphenyl
Concen: 67.80 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 863101
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8

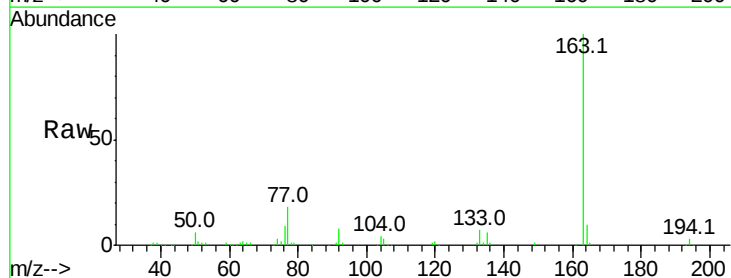


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

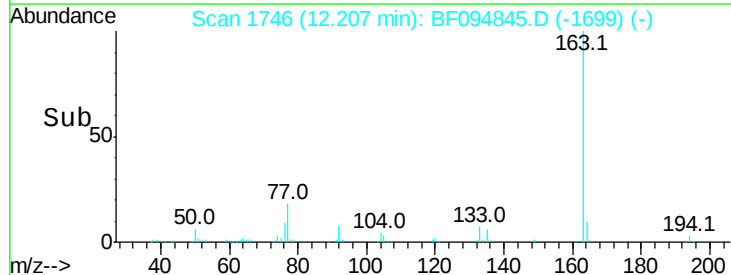
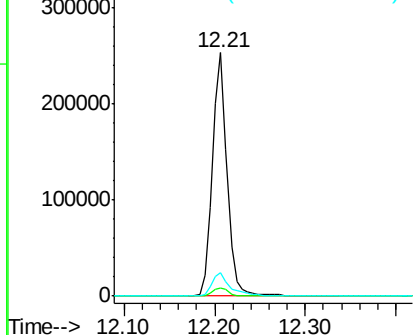


#49
Dimethylphthalate
Concen: 19.16 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Tgt Ion:163 Resp: 288257
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

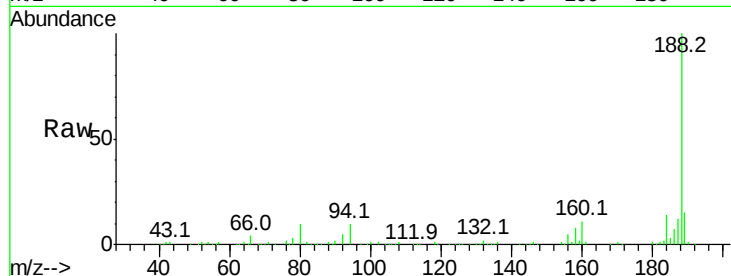




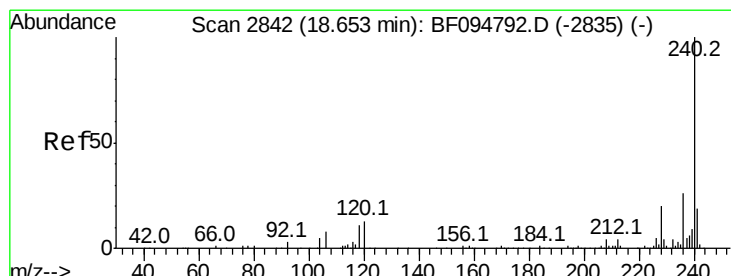
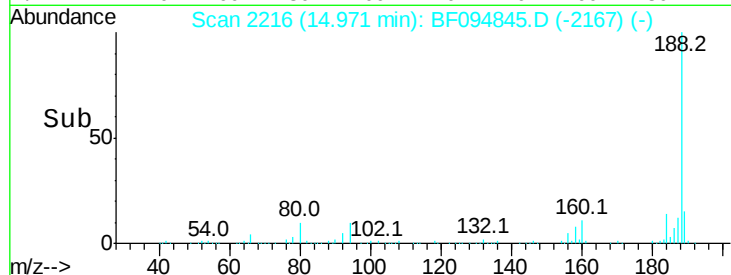
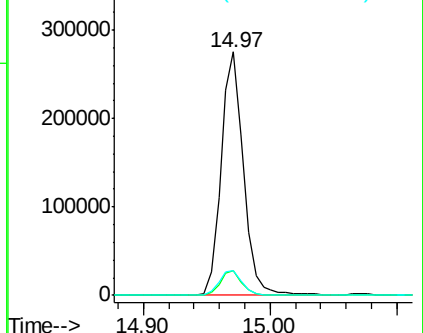
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 336497
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.0 10.2 15.2#

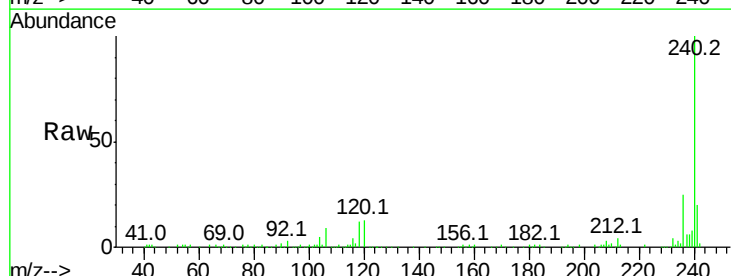


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

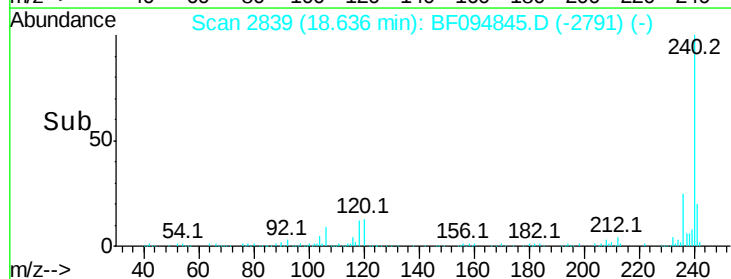
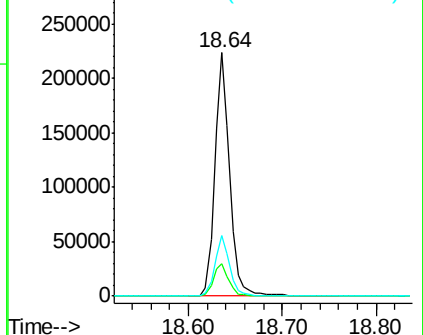


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Tgt Ion:240 Resp: 247537
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.9 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

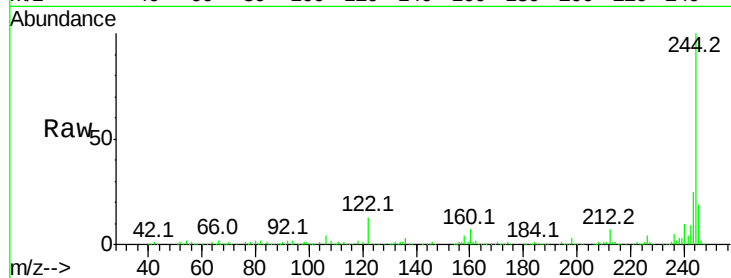




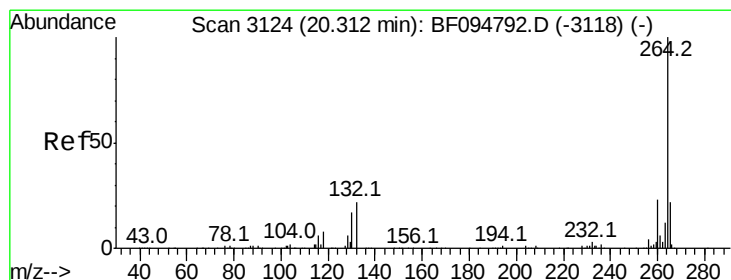
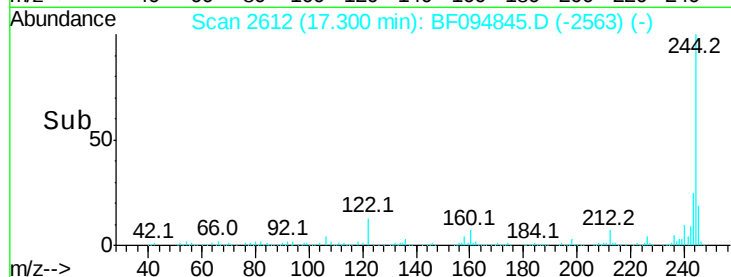
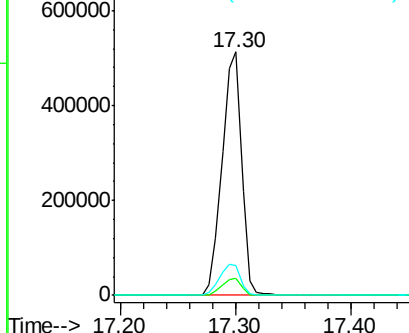
#78
 Terphenyl-d14
 Concen: 53.76 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094845.D
 Acq: 3 May 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 604145
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.5 10.3 15.5

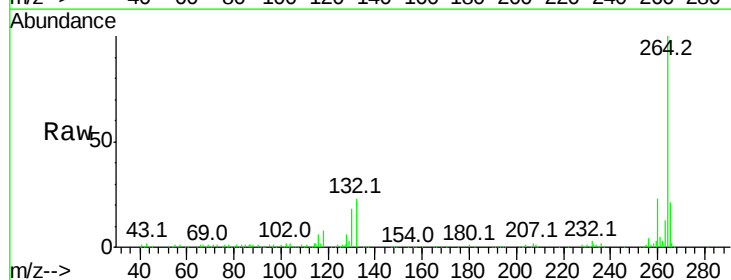


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094845.D
 Acq: 3 May 2017 21:06

Tgt Ion:264 Resp: 183678
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.7 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

