

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094964.D
 Acq On : 8 May 2017 2:31
 Operator : SJ/MA
 Sample : I2947-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:57:13 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

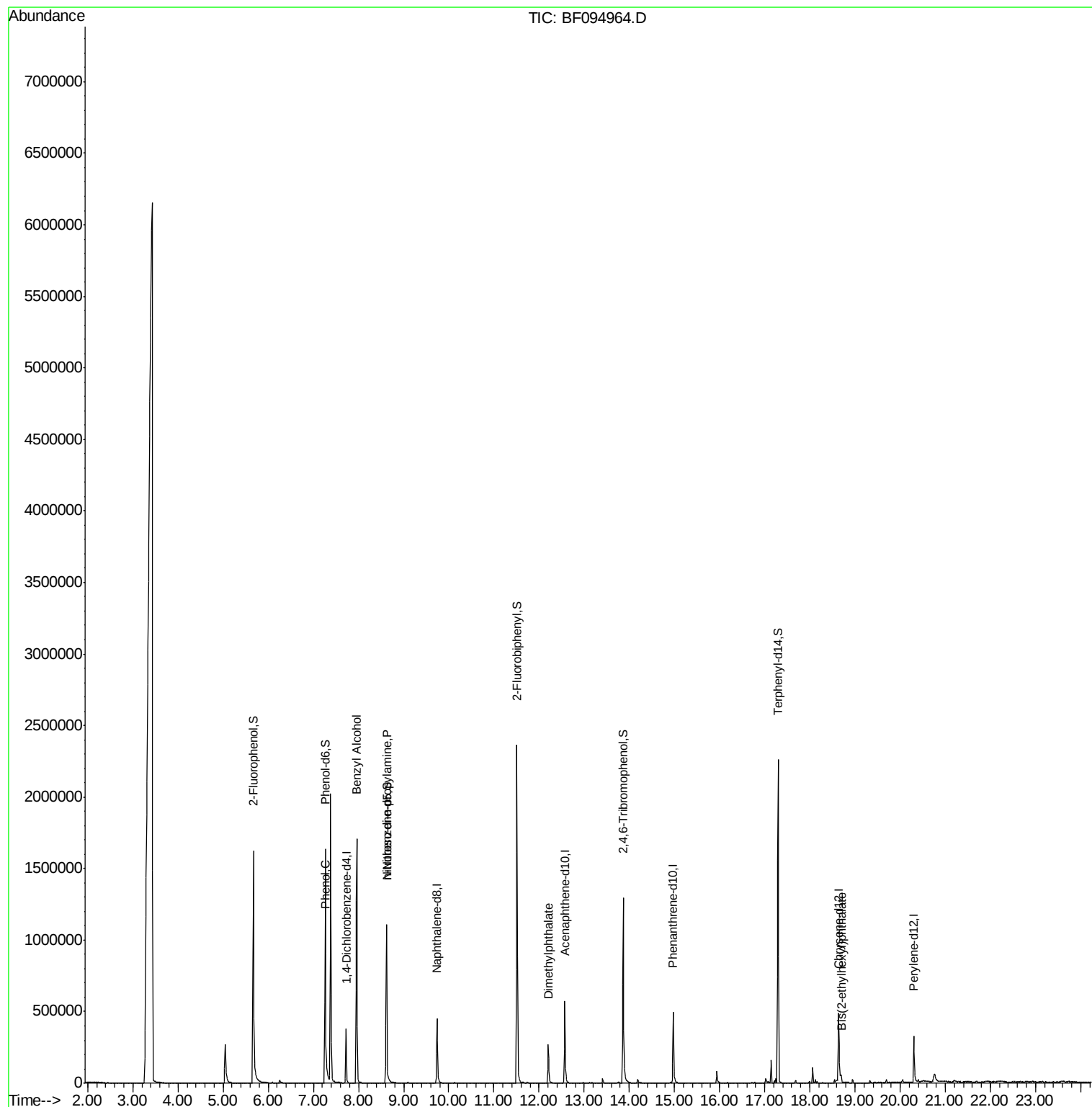
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	84949	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	352293	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	178395	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	308735	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	245525	20.00	ng	-0.02
86) Perylene-d12	20.31	264	175565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	770593	151.24	ng	0.00
7) Phenol-d6	7.27	99	939333	153.65	ng	-0.01
23) Nitrobenzene-d5	8.62	82	560540	100.33	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	228556	156.44	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1116840	90.11	ng	-0.02
78) Terphenyl-d14	17.30	244	944585	84.74	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	20455	3.18	ng	Qvalue 80
15) Benzyl Alcohol	7.96	79	8876	2.26	ng	# 40
19) n-Nitroso-di-n-propylamine	8.62	70	72103	17.44	ng	# 74
49) Dimethylphthalate	12.21	163	182489	12.46	ng	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	30438	2.50	ng	# 98

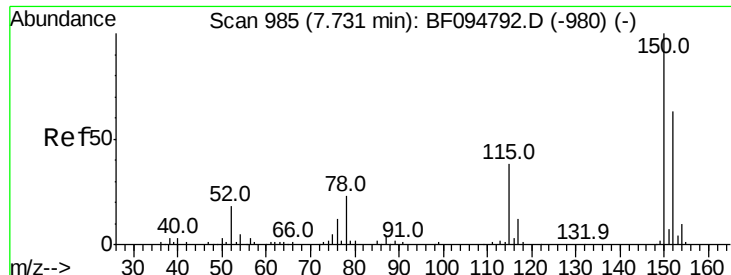
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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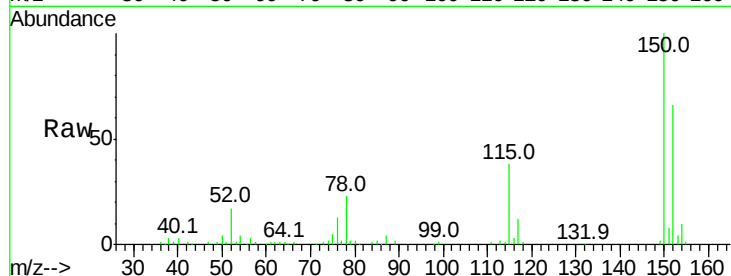


#1

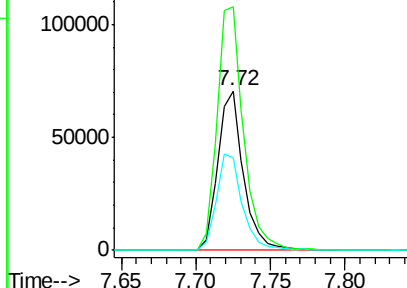
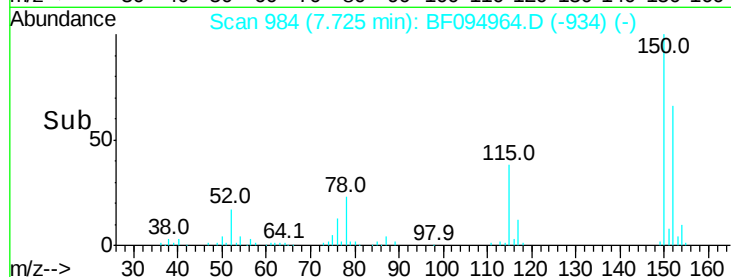
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84949
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 57.7 52.2 78.2



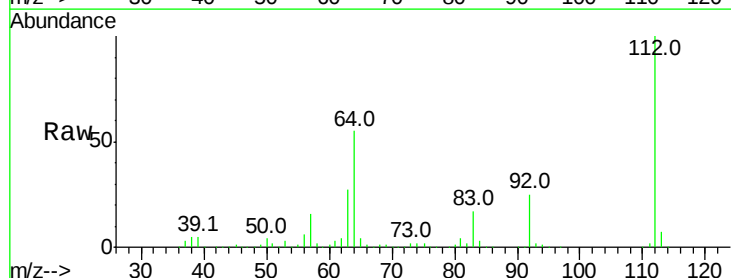
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



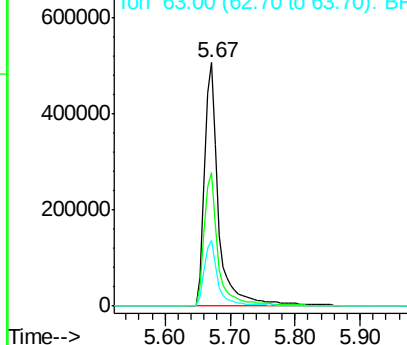
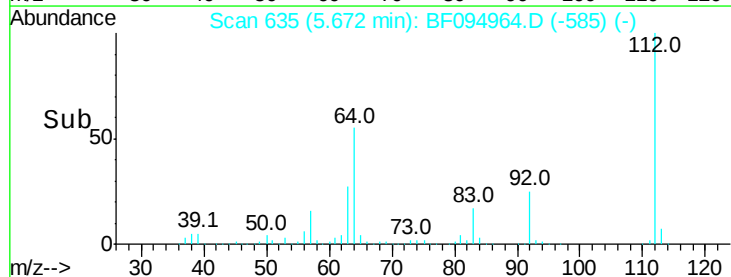
#5

2-Fluorophenol
Concen: 151.24 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:112 Resp: 770593
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 27.1 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: 153.65 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094964.D

Acq: 8 May 2017 2:31

Instrument :

BNA_F

ClientSampleId :

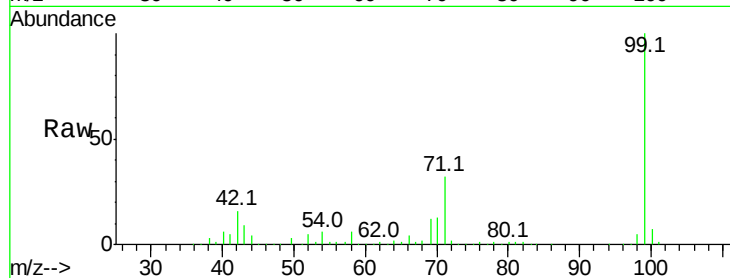
Tot Ion: 99 Resp: 939333

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

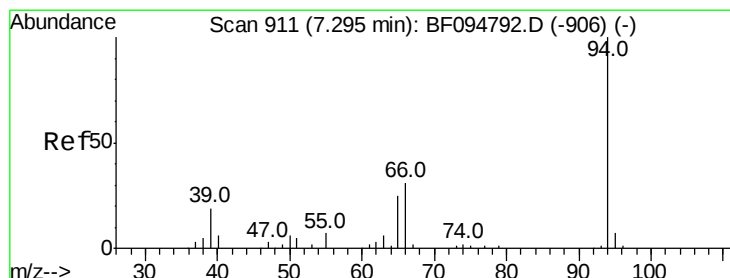
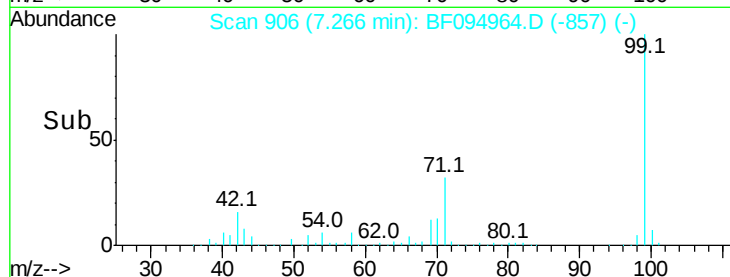
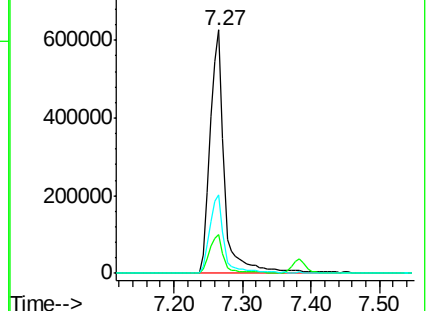
71 32.4 24.5 36.7



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: 3.18 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094964.D

Acq: 8 May 2017 2:31

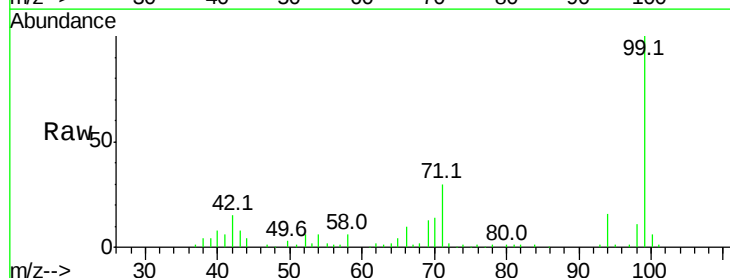
Tgt Ion: 94 Resp: 20455

Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

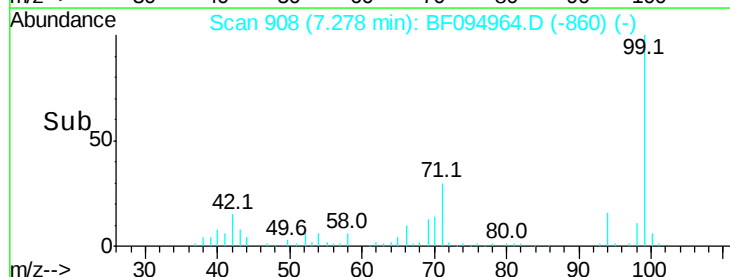
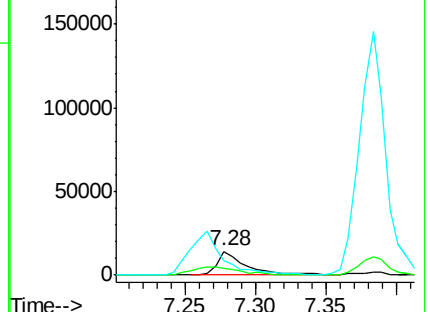
66 62.2 23.1 63.1

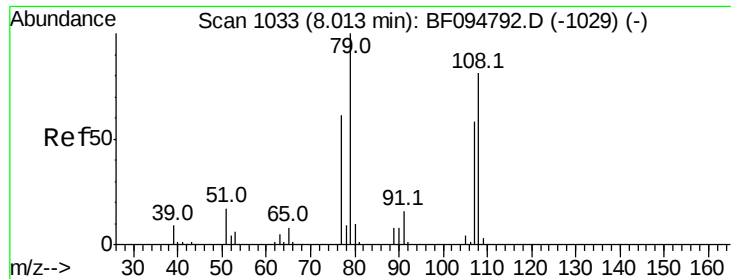


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094964.D

Acq: 8 May 2017 2:31

Instrument :

BNA_F

ClientSampled :

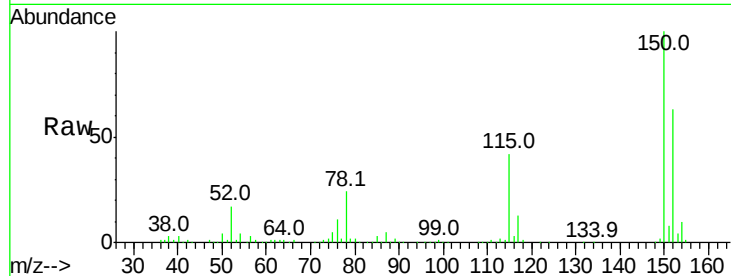
Tot Ion: 79 Resp: 8876

Ion Ratio Lower Upper

79 100

108 27.2 63.4 95.0#

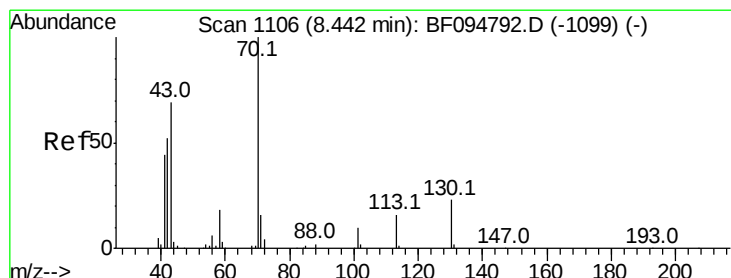
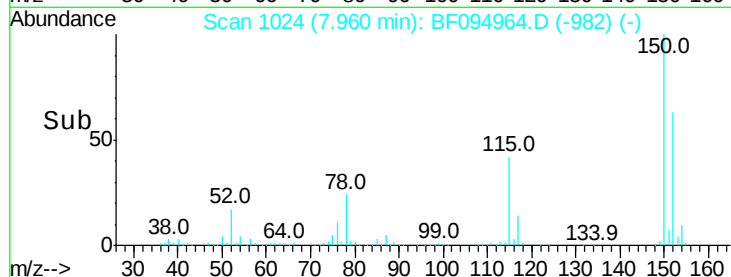
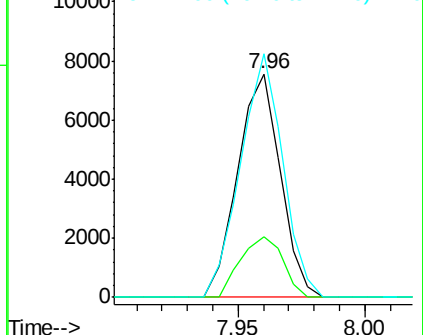
77 109.0 49.2 73.8#



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: 17.44 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094964.D

Acq: 8 May 2017 2:31

Tgt Ion: 70 Resp: 72103

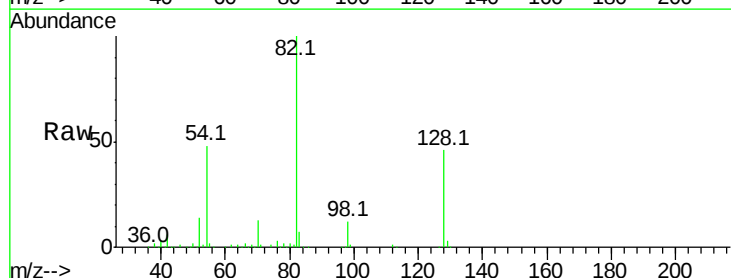
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

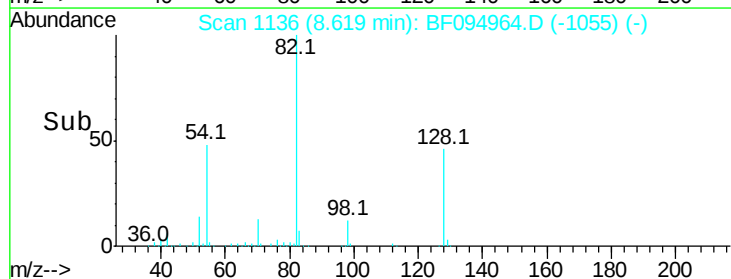
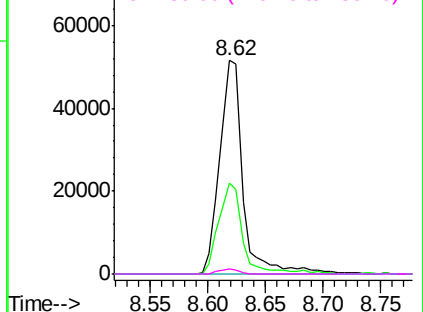


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094964.D

Acq: 8 May 2017 2:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 352293

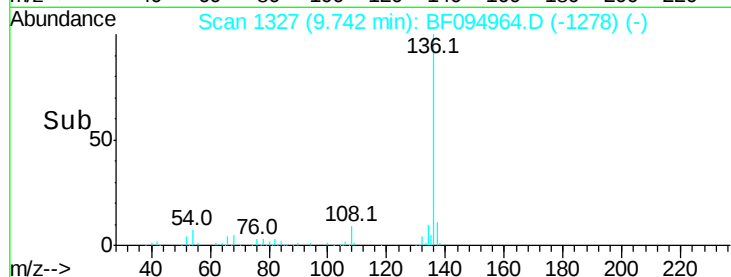
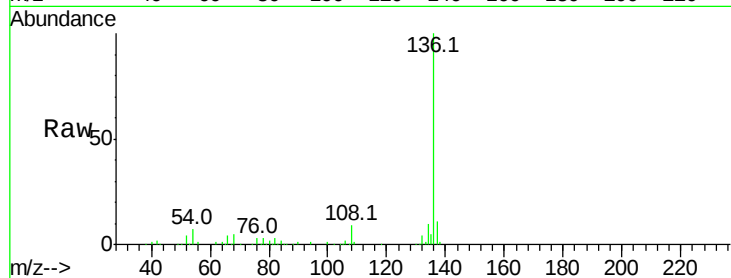
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

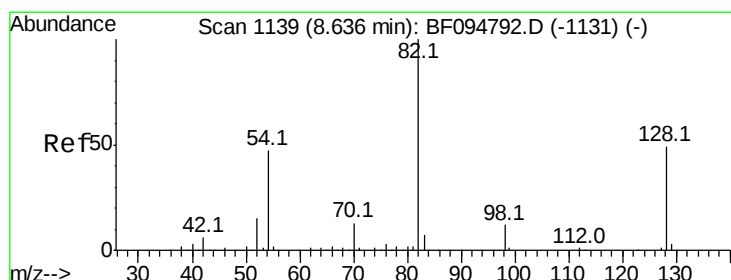
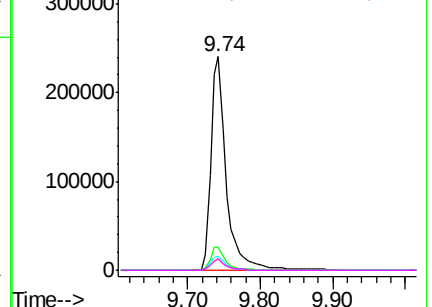


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.33 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094964.D

Acq: 8 May 2017 2:31

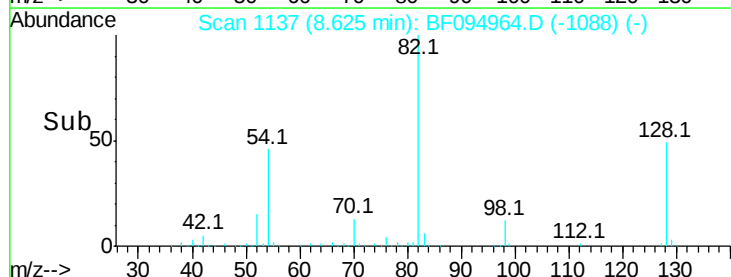
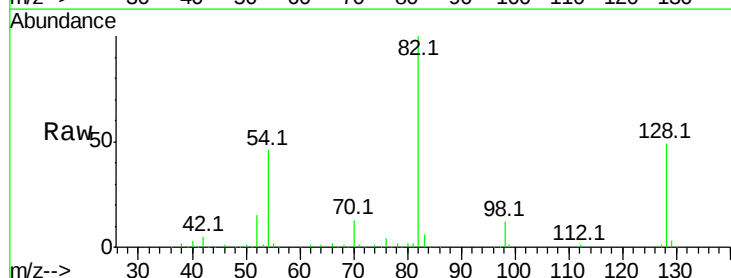
Tgt Ion: 82 Resp: 560540

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

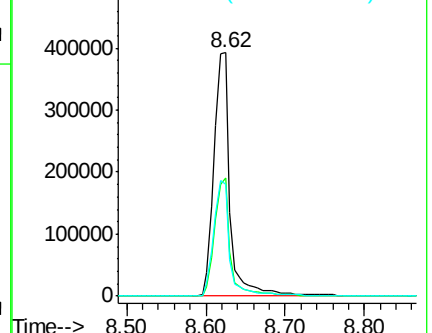
54 45.7 42.2 63.2

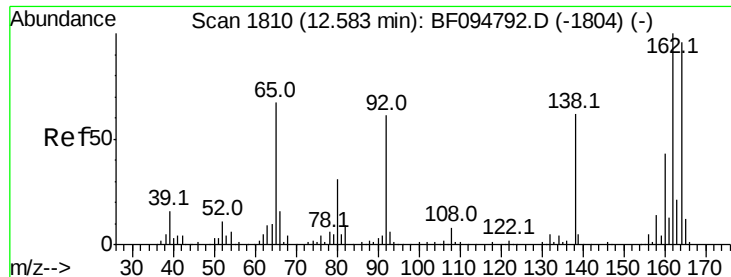


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094964.D

Acq: 8 May 2017 2:31

Instrument :

BNA_F

ClientSampleId :

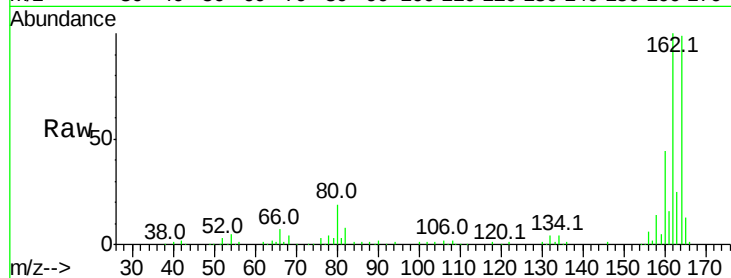
Tot Ion:164 Resp: 178395

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

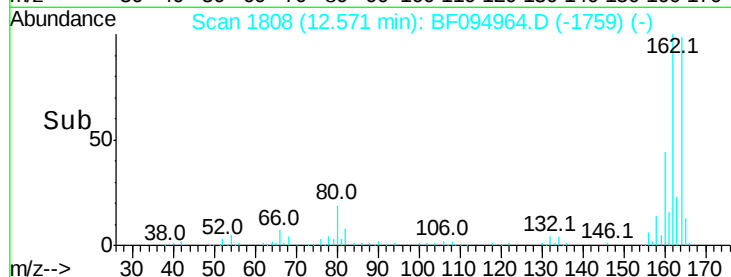
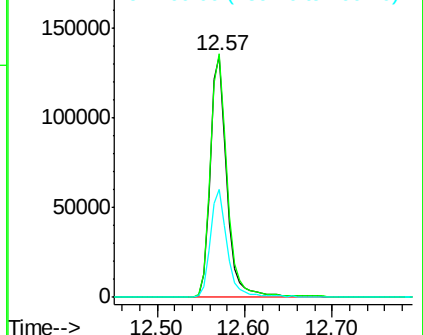
160 44.7 36.2 54.2



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: 156.44 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094964.D

Acq: 8 May 2017 2:31

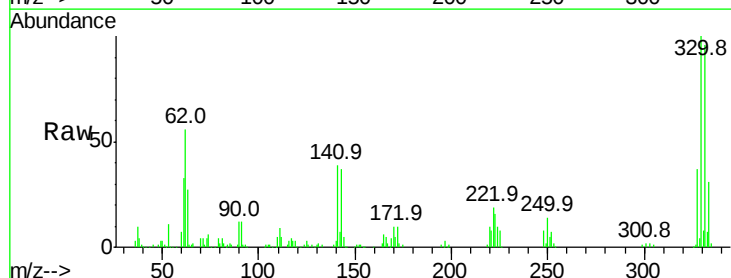
Tgt Ion:330 Resp: 228556

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

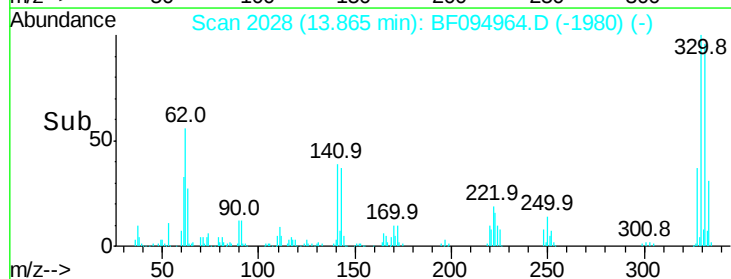
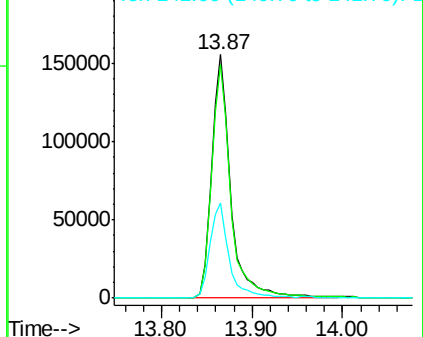
141 39.8 31.4 47.2



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

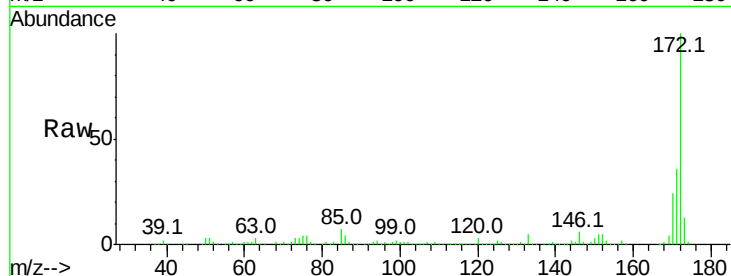




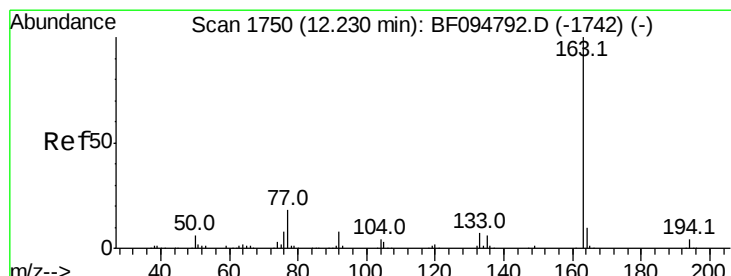
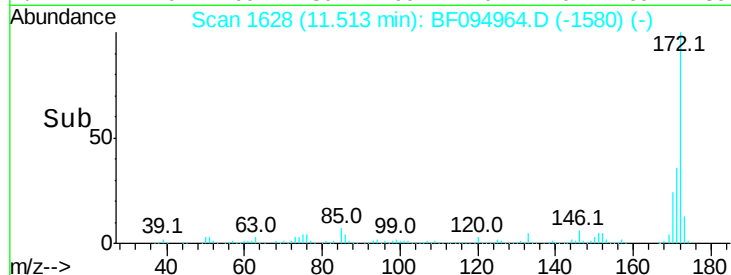
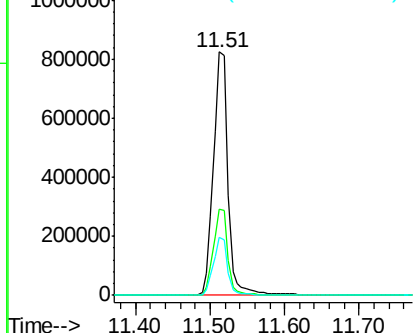
#44
2-Fluorobiphenyl
Concen: 90.11 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1116840
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.9 19.8 29.8

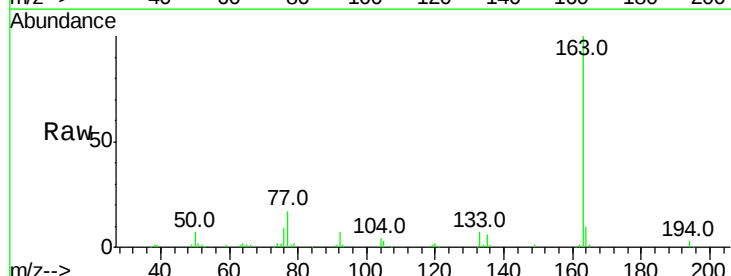


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

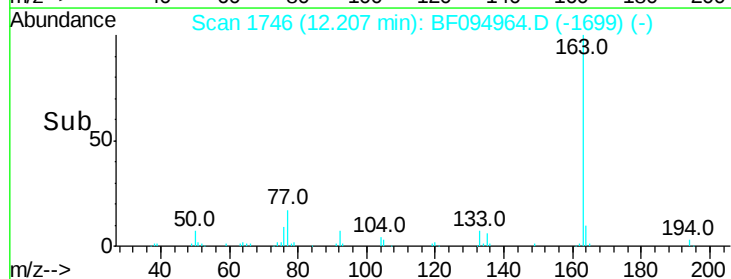
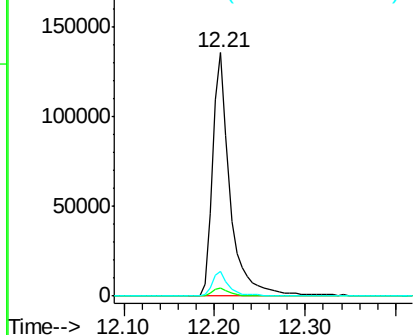


#49
Dimethylphthalate
Concen: 12.46 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094964.D
Acq: 8 May 2017 2:31

Tgt Ion:163 Resp: 182489
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 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

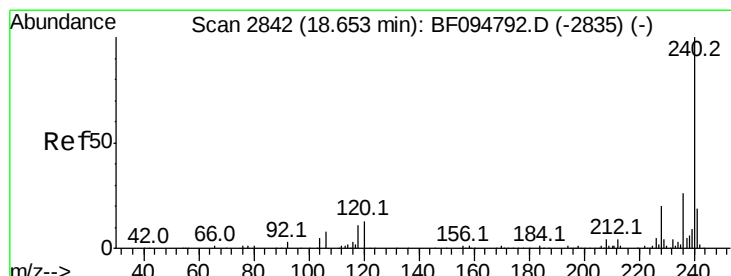
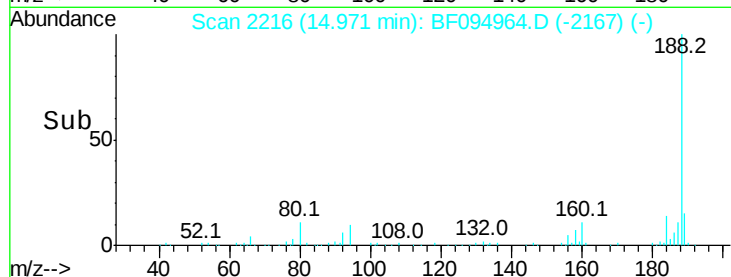
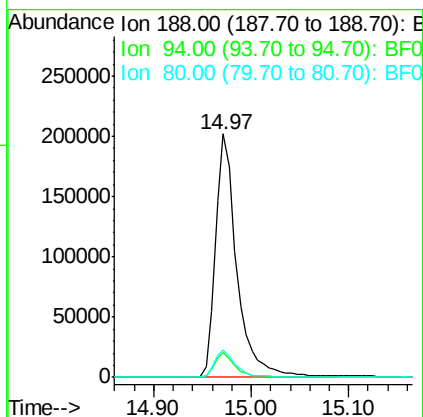
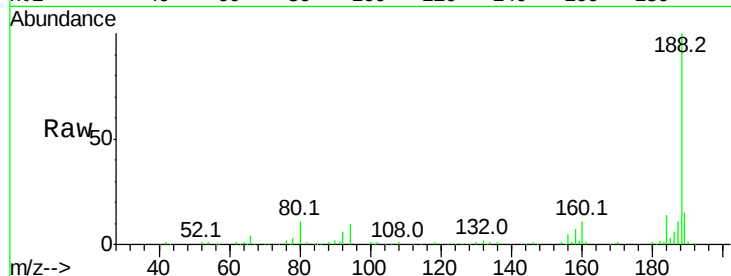




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094964.D
 Acq: 8 May 2017 2:31

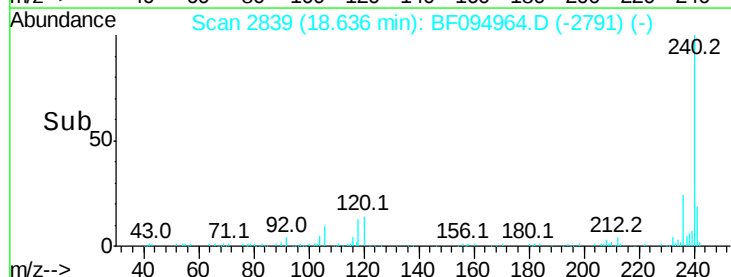
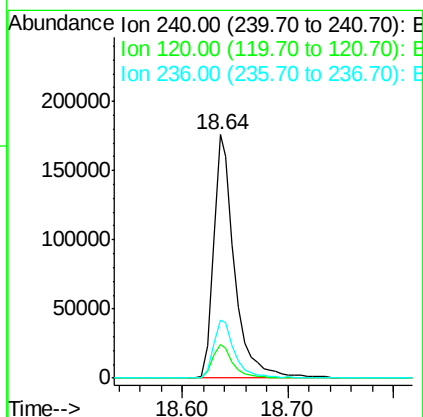
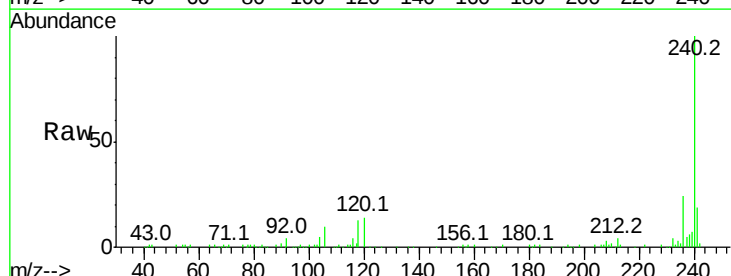
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 308735
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094964.D
 Acq: 8 May 2017 2:31

Tgt Ion:240 Resp: 245525
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 24.0 20.5 30.7

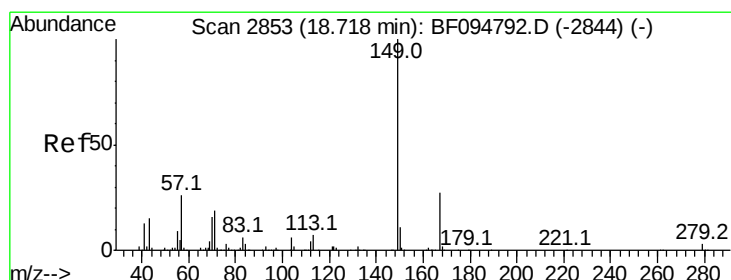
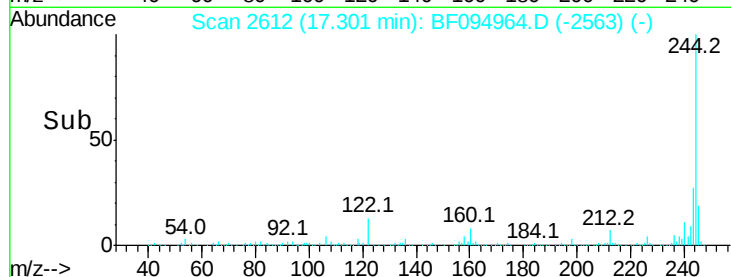
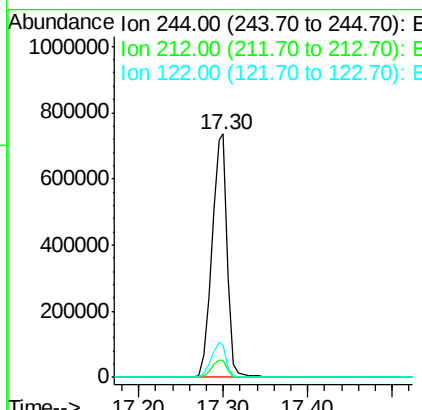
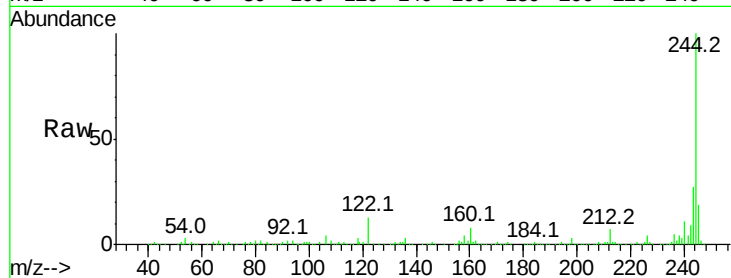




#78
 Terphenyl-d14
 Concen: 84.74 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094964.D
 Acq: 8 May 2017 2:31

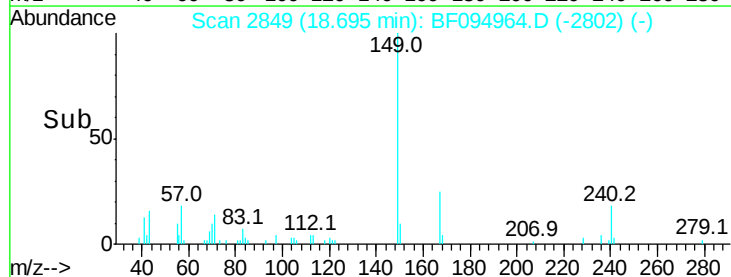
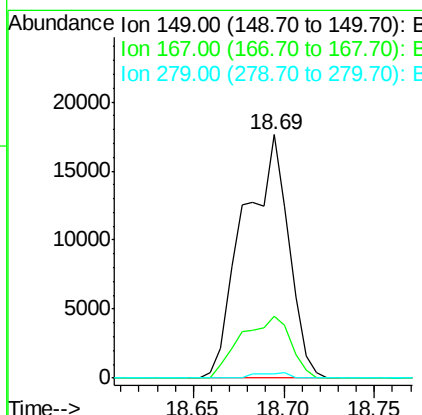
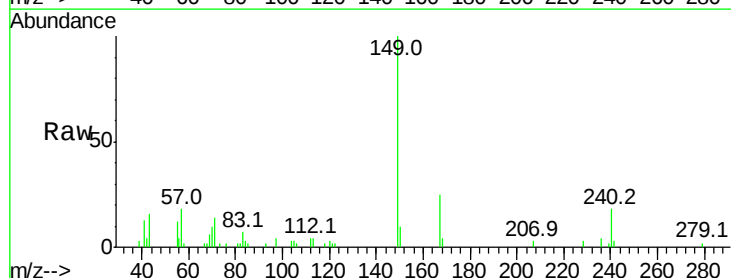
Instrument :
 BNA_F
 ClientSampled :

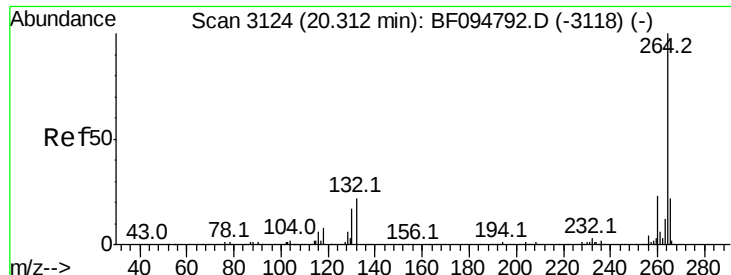
Tot Ion:244 Resp: 944585
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.1 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.50 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF094964.D
 Acq: 8 May 2017 2:31

Tgt Ion:149 Resp: 30438
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 1.7 1.9 2.9#

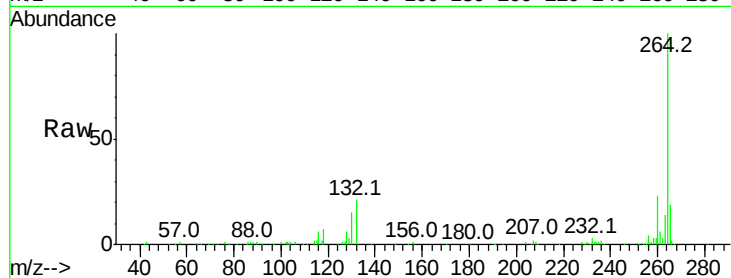




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094964.D
 Acq: 8 May 2017 2:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	19.4	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

