

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094842.D
 Acq On : 3 May 2017 19:30
 Operator : SJ/MA
 Sample : I2914-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:10:34 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

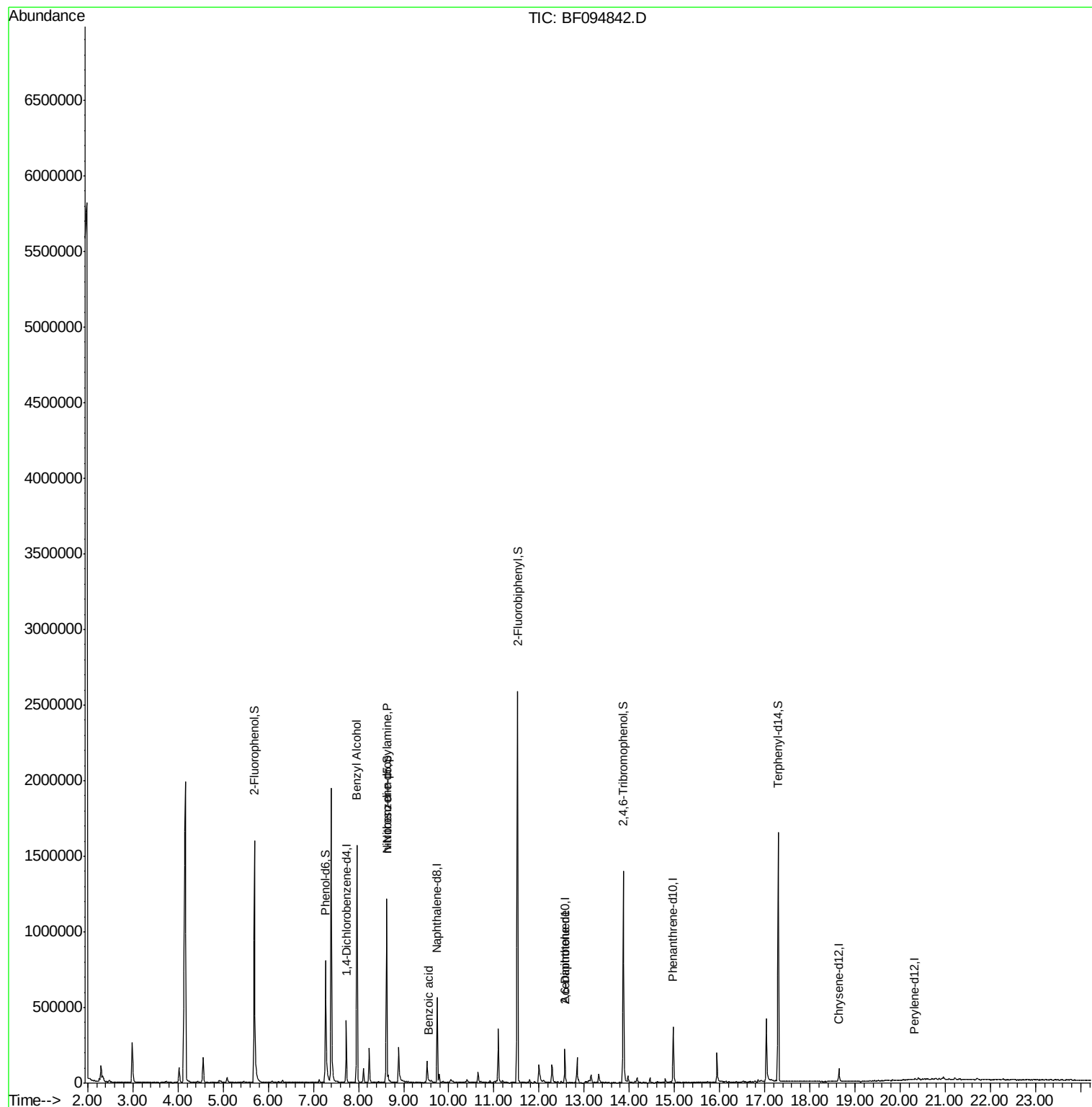
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	81689	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	314976	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	51035	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	142592	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	27453	20.00	ng	-0.01
86) Perylene-d12	20.31	264	1356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	749430	152.95	ng	0.02
7) Phenol-d6	7.27	99	367957	62.59	ng	-0.01
23) Nitrobenzene-d5	8.62	82	560944	112.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	238325	570.21	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1165012	328.57	ng	0.00
78) Terphenyl-d14	17.30	244	430764	345.60	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.97	79	8170	2.16	ng	# 46
19) n-Nitroso-di-n-propylamine	8.62	70	71516	17.99	ng	# 78
32) Benzoic acid	9.56	122	2226	5.75	ng	95
50) 2,6-Dinitrotoluene	12.57	165	5715	6.69	ng	# 31

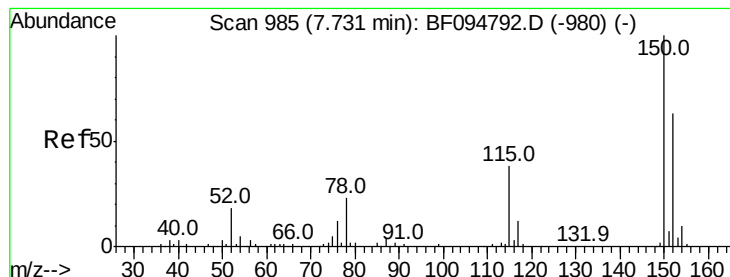
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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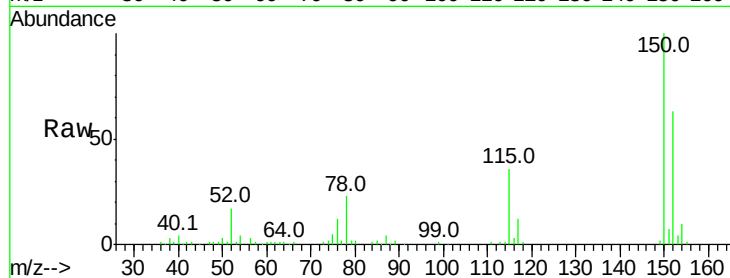


#1

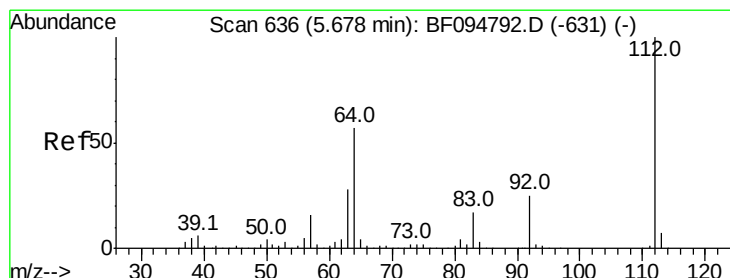
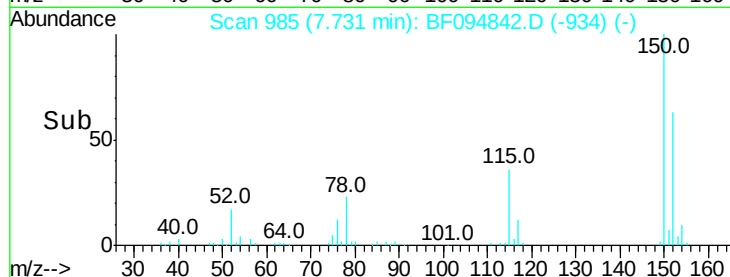
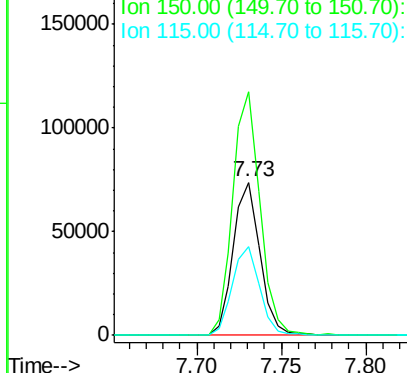
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81689
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 57.6 52.2 78.2



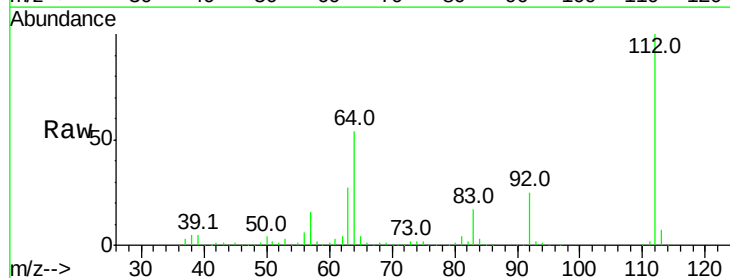
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



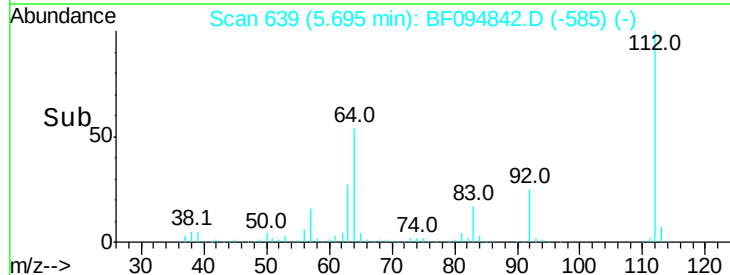
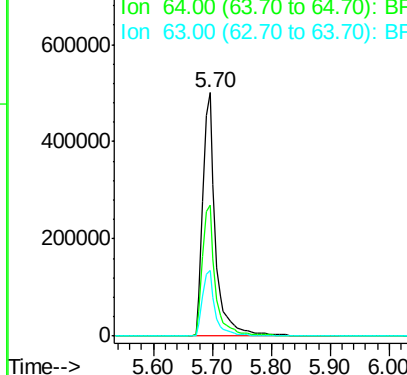
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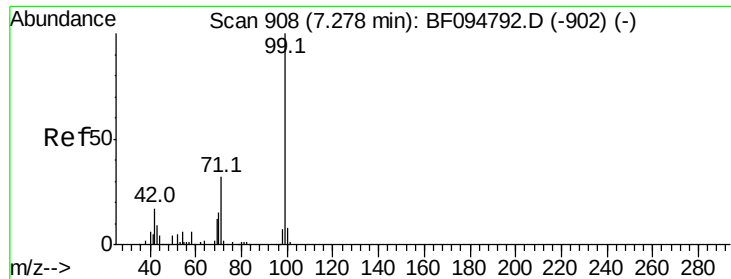
2-Fluorophenol
Concen: 152.95 ng
RT: 5.70 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Tgt Ion:112 Resp: 749430
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.8 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: 62.59 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094842.D

Acq: 3 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

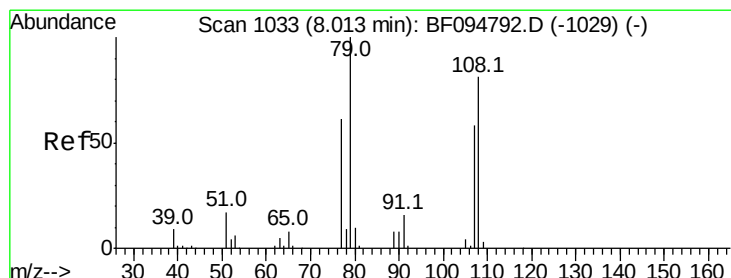
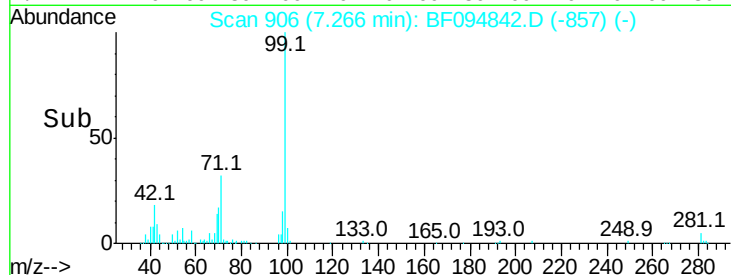
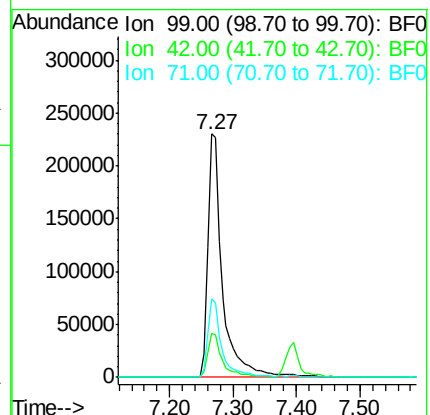
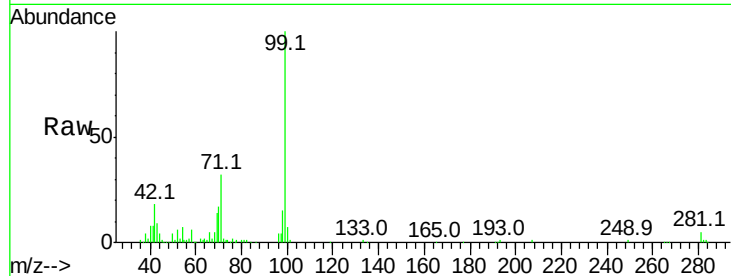
Tot Ion: 99 Resp: 367957

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 32.3 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094842.D

Acq: 3 May 2017 19:30

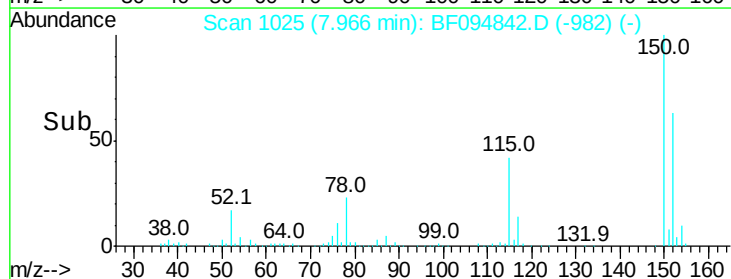
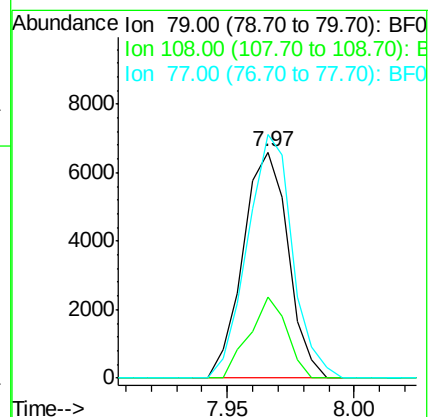
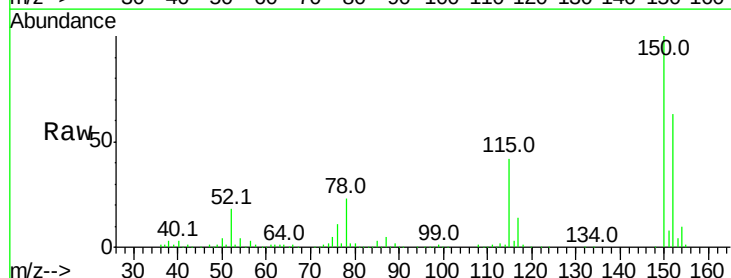
Tgt Ion: 79 Resp: 8170

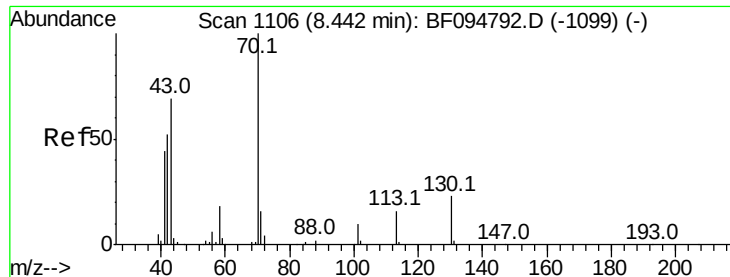
Ion Ratio Lower Upper

79 100

108 35.7 63.4 95.0#

77 107.7 49.2 73.8#

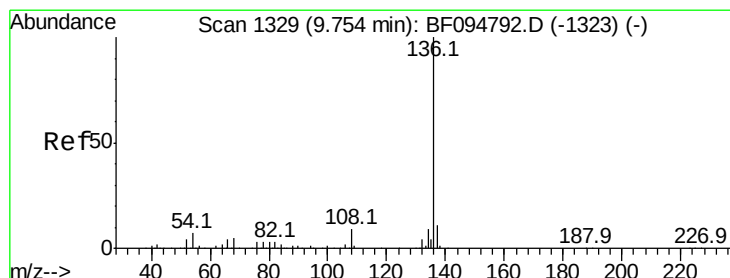
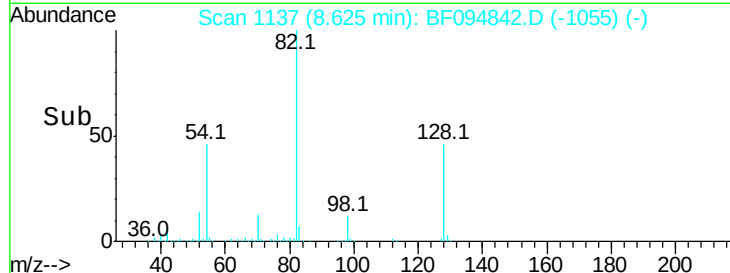
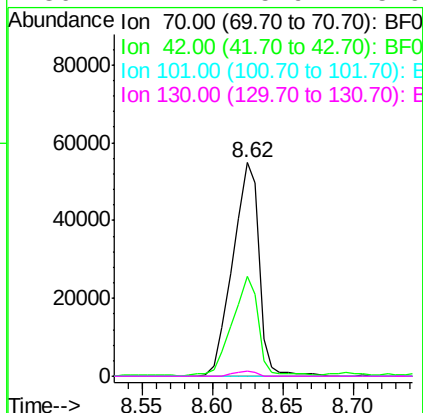
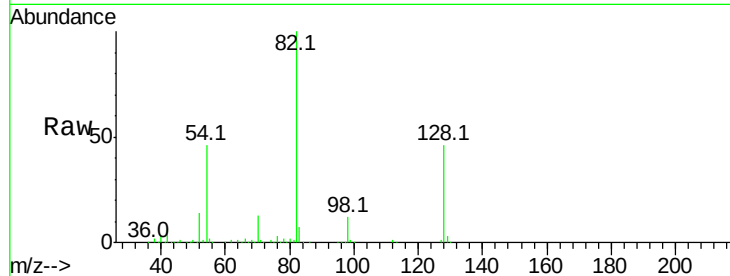




#19
n-Nitroso-di-n-propylamine
Concen: 17.99 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

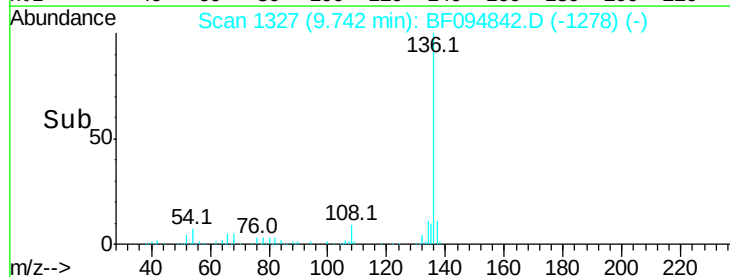
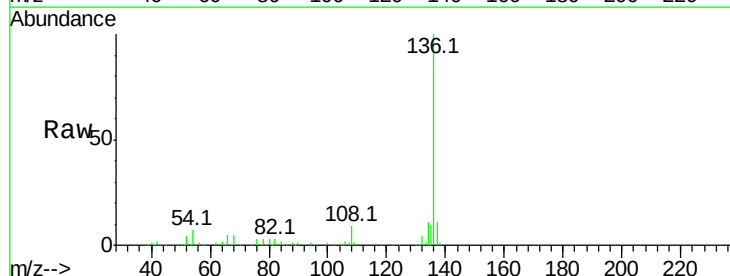
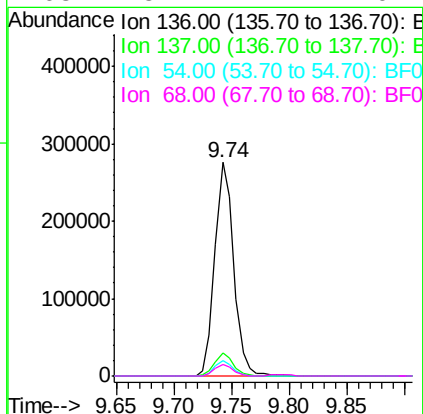
Instrument :
BNA_F
ClientSampleId :

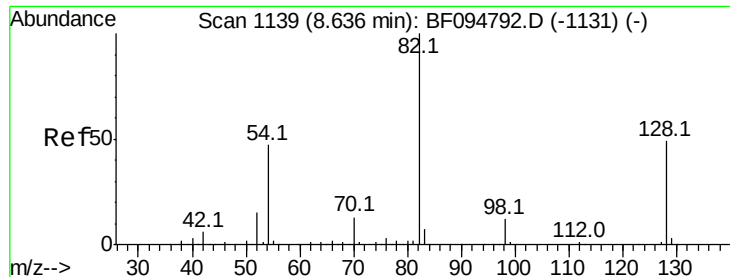
Tot Ion: 70 Resp: 71516
Ion Ratio Lower Upper
70 100
42 46.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Tgt Ion: 136 Resp: 314976
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.1 4.9 7.3
68 5.2 4.1 6.1

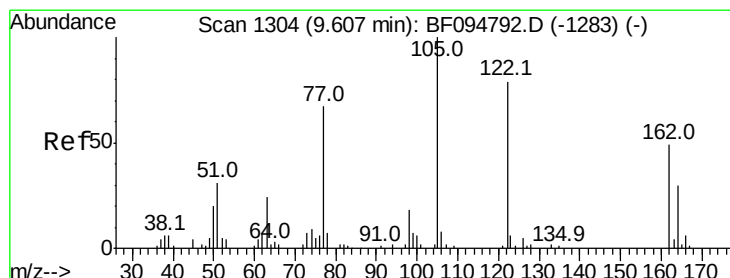
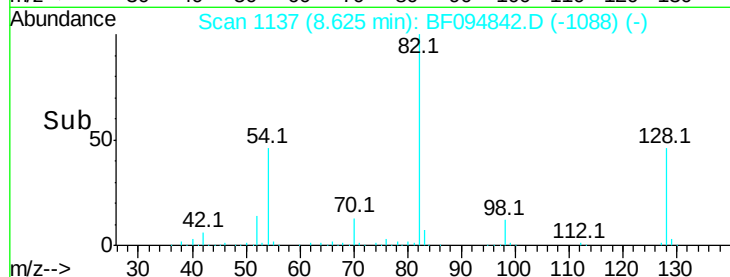
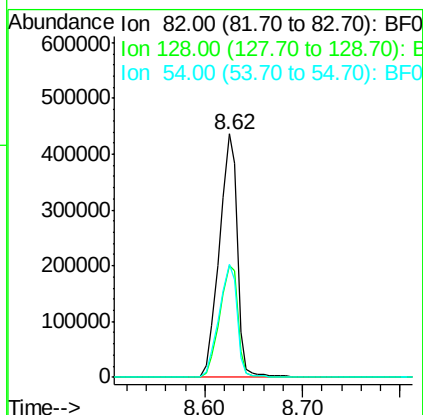
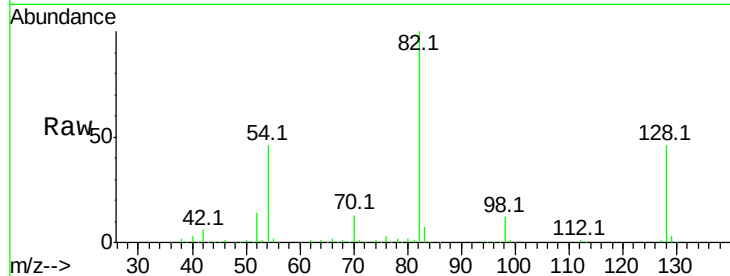




#23
 Nitrobenzene-d5
 Concen: 112.30 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

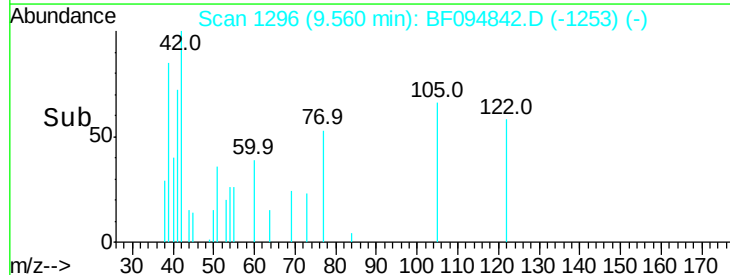
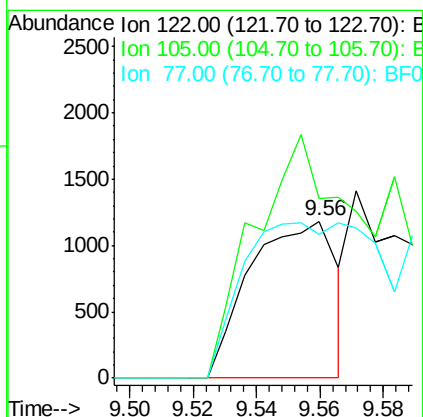
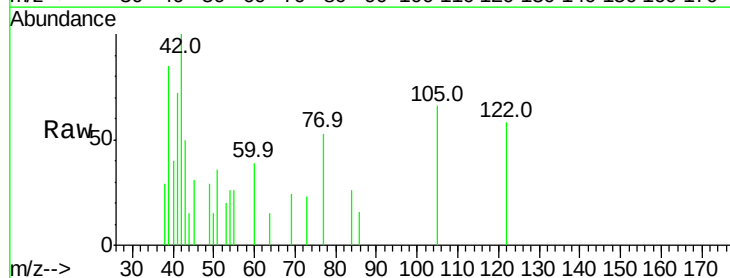
Instrument :
 BNA_F
 ClientSampled :

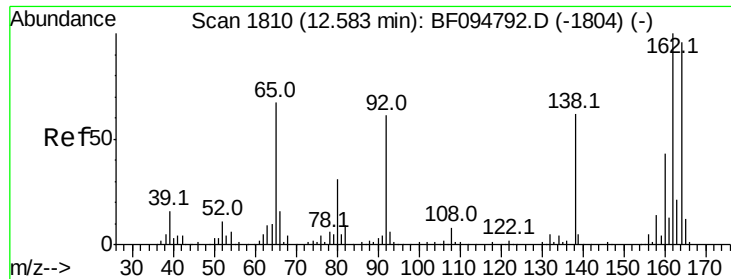
Tot Ion: 82 Resp: 560944
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 46.4 42.2 63.2



#32
 Benzoic acid
 Concen: 5.75 ng
 RT: 9.56 min Scan# 1296
 Delta R.T. -0.05 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Tgt Ion:122 Resp: 2226
 Ion Ratio Lower Upper
 122 100
 105 114.5 103.3 143.3
 77 91.6 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094842.D

Acq: 3 May 2017 19:30

Instrument :

BNA_F

ClientSampleId :

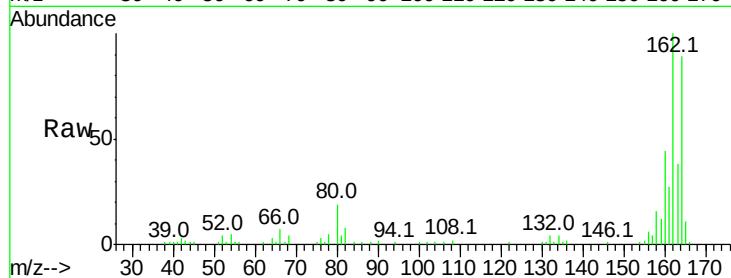
Tot Ion:164 Resp: 51035

Ion Ratio Lower Upper

164 100

162 112.4 82.6 123.8

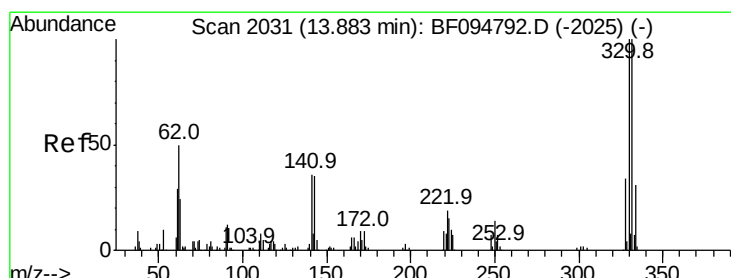
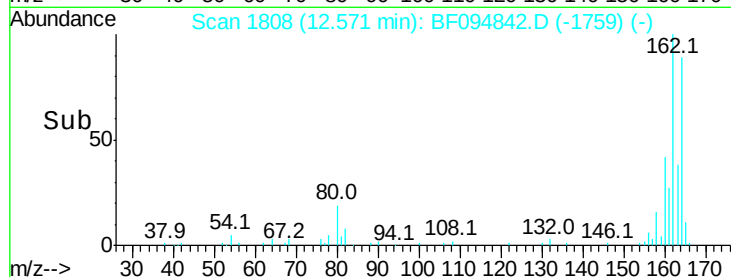
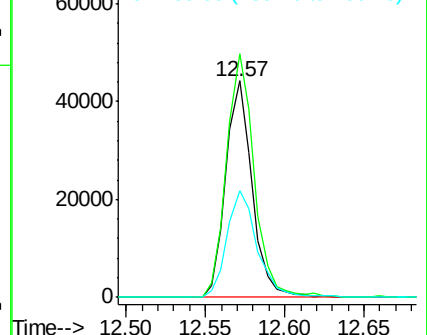
160 49.3 36.2 54.2



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: 570.21 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094842.D

Acq: 3 May 2017 19:30

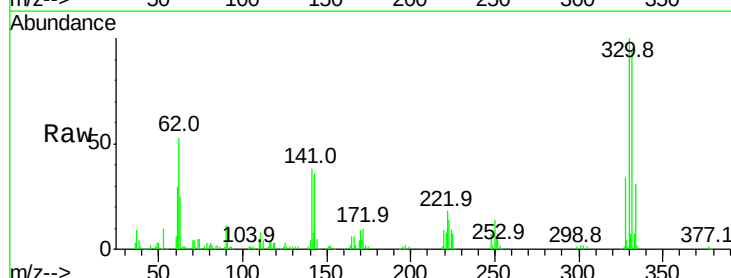
Tgt Ion:330 Resp: 238325

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

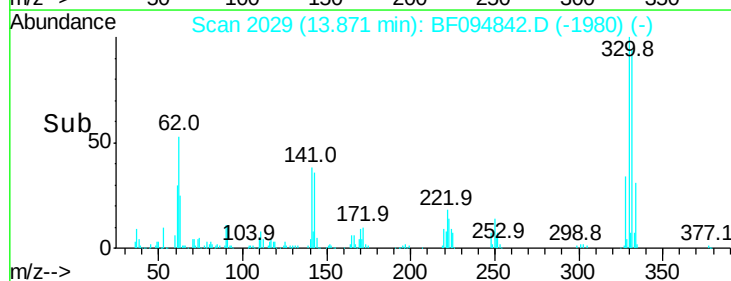
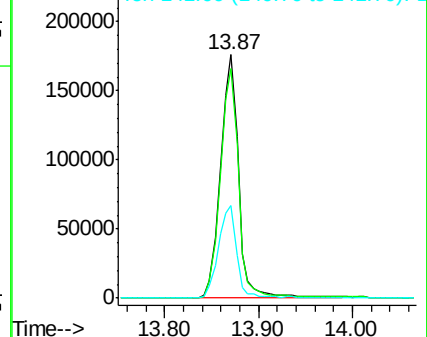
141 38.9 31.4 47.2

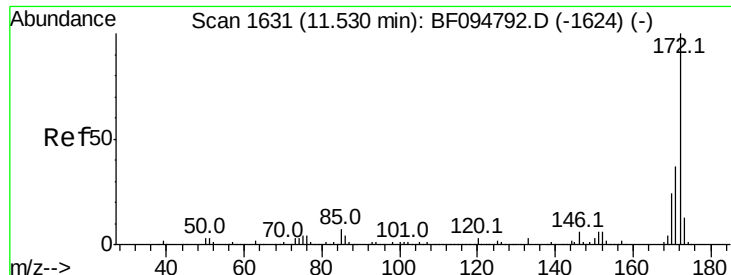


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

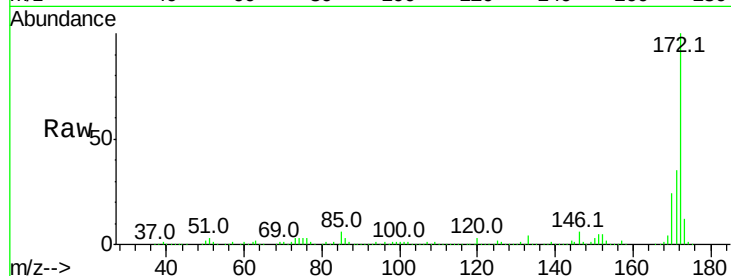




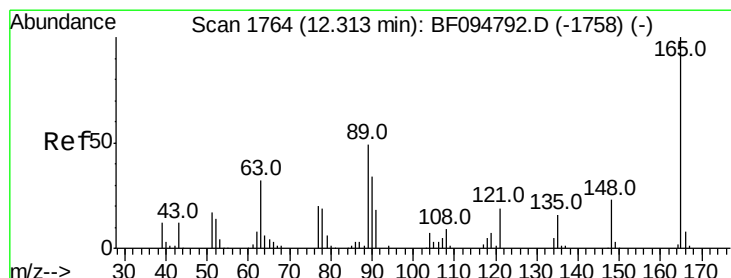
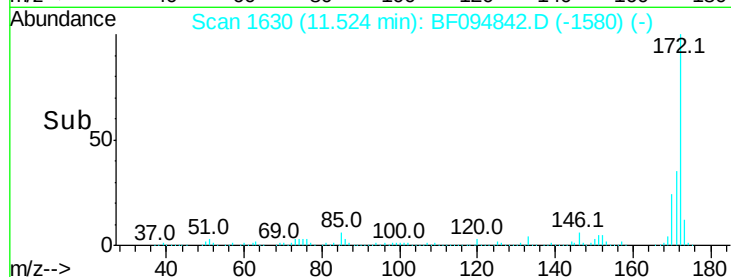
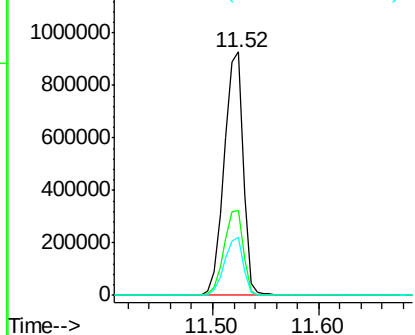
#44
2-Fluorobiphenyl
Concen: 328.57 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1165012
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.7 19.8 29.8

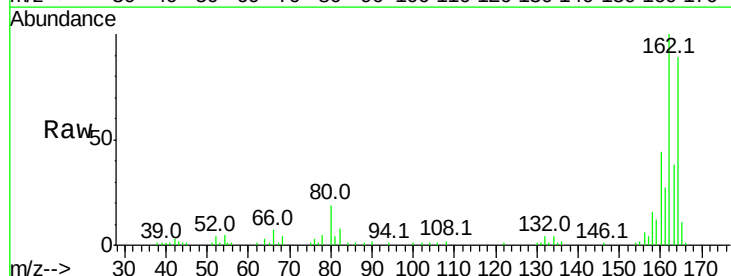


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

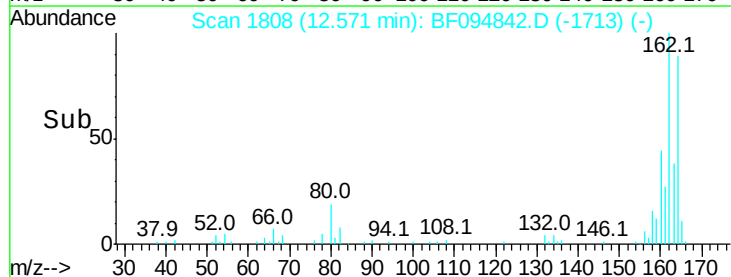
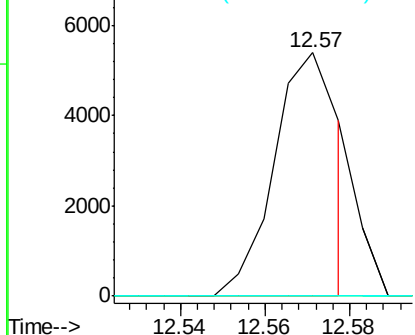


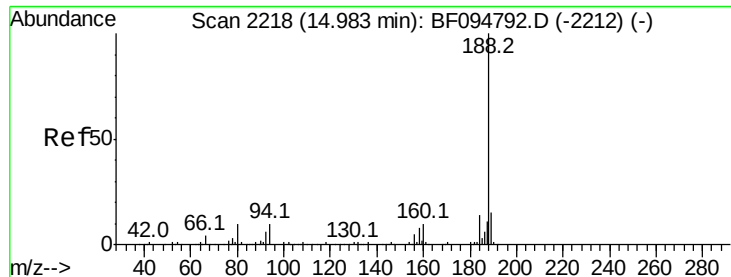
#50
2,6-Dinitrotoluene
Concen: 6.69 ng
RT: 12.57 min Scan# 1808
Delta R.T. 0.26 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Tgt Ion:165 Resp: 5715
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

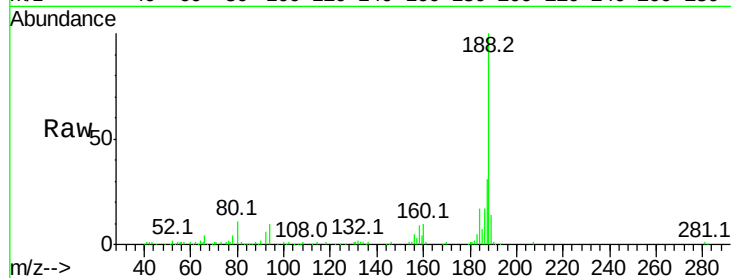




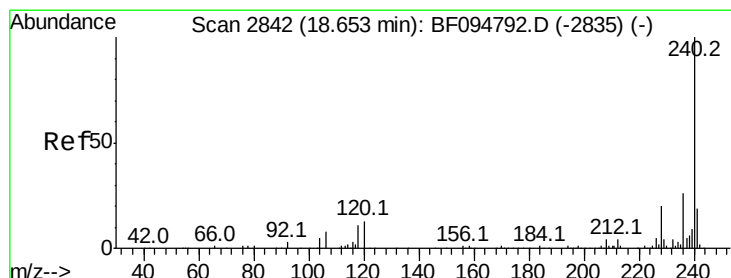
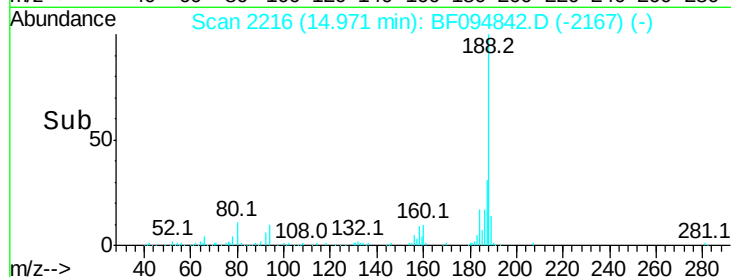
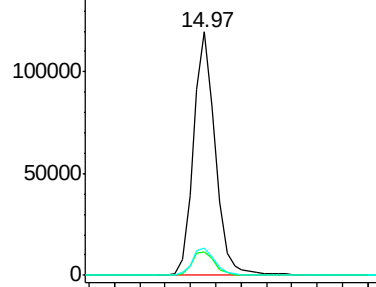
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 142592
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.0 10.2 15.2

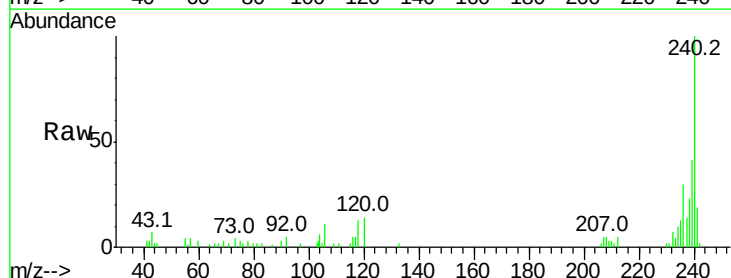


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

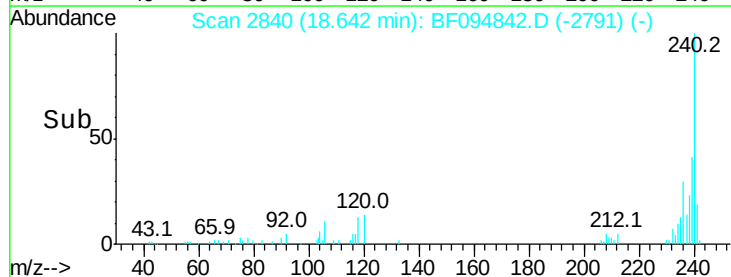
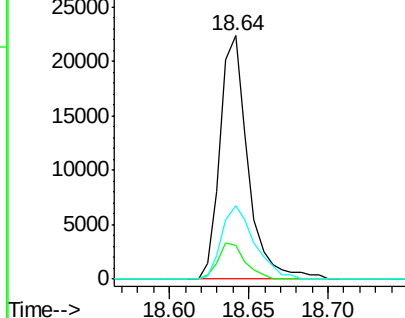


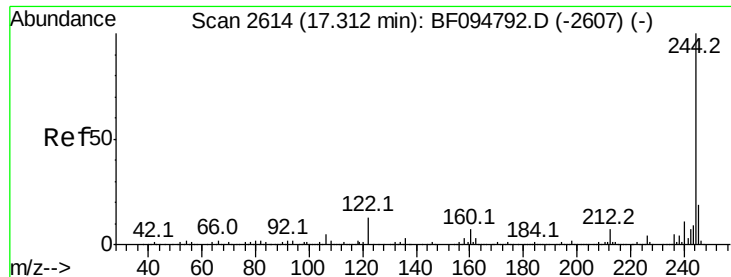
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094842.D
Acq: 3 May 2017 19:30

Tgt Ion:240 Resp: 27453
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 30.2 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

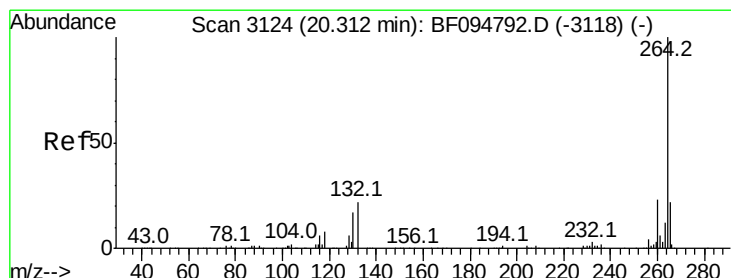
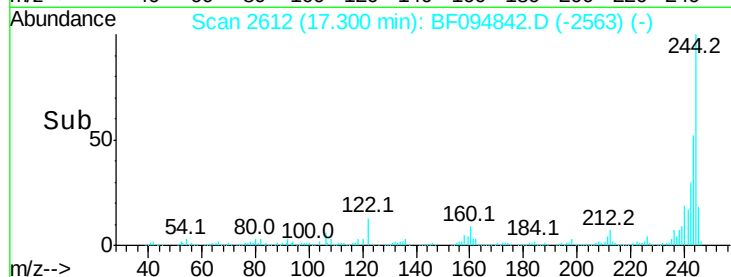
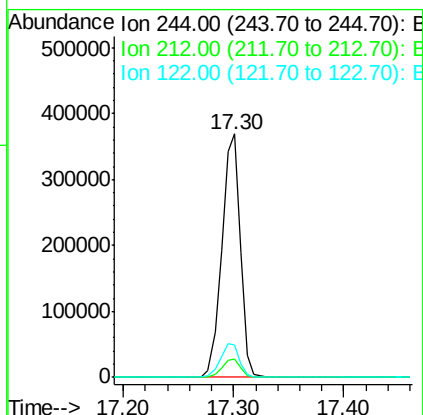
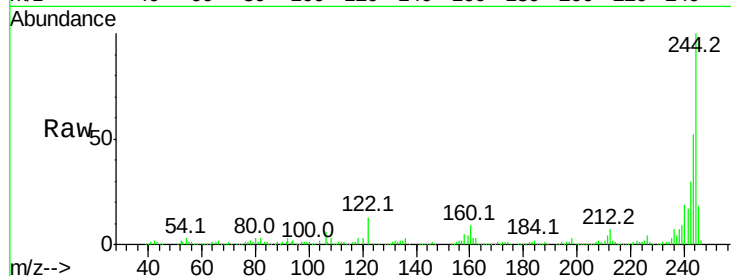




#78
 Terphenyl-d14
 Concen: 345.60 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 430764
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BF094842.D
 Acq: 3 May 2017 19:30

Tgt Ion:264 Resp: 1356
 Ion Ratio Lower Upper
 264 100
 260 0.0 19.5 29.3#
 265 0.0 17.2 25.8#

