

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094914.D
 Acq On : 5 May 2017 13:21
 Operator : SJ/MA
 Sample : I2969-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 14:44:10 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

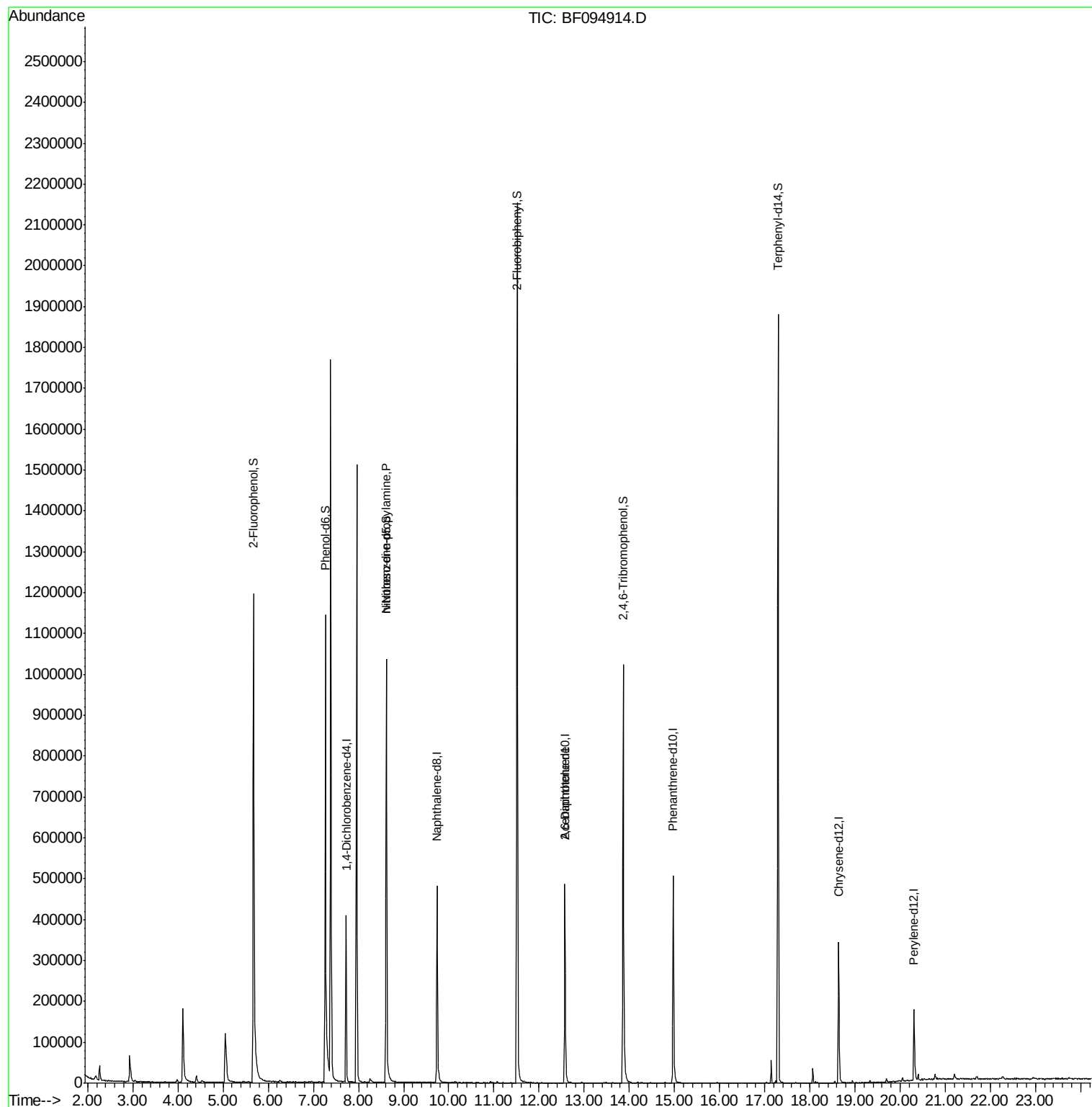
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88362	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	353847	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	148980	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303214	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	169091	20.00	ng	-0.02
86) Perylene-d12	20.31	264	68166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	632646	119.37	ng	0.00
7) Phenol-d6	7.27	99	697753	109.72	ng	-0.01
23) Nitrobenzene-d5	8.62	82	479113	85.38	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	192202	157.53	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1032580	99.76	ng	-0.01
78) Terphenyl-d14	17.30	244	757263	98.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	61906	14.39	ng	# 75
50) 2,6-Dinitrotoluene	12.57	165	14325	5.74	ng	# 31

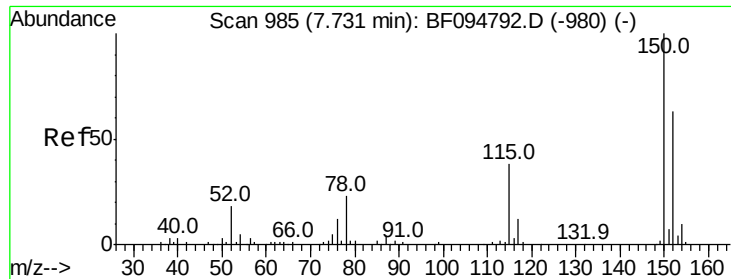
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
Data File : BF094914.D
Acq On : 5 May 2017 13:21
Operator : SJ/MA
Sample : I2969-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 05 14:44:10 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



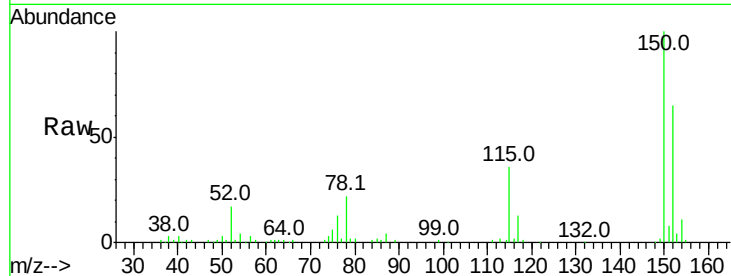


#1

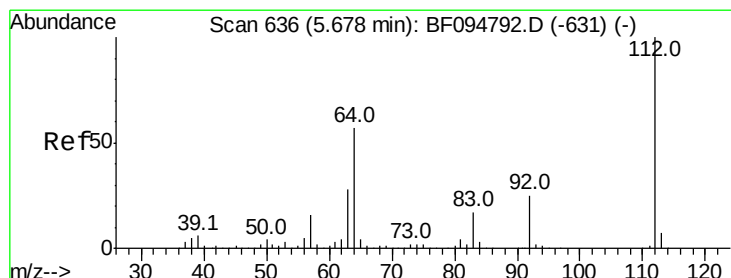
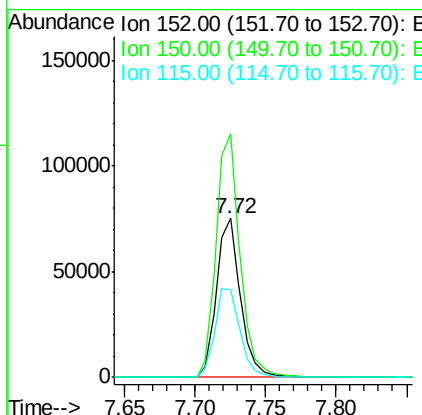
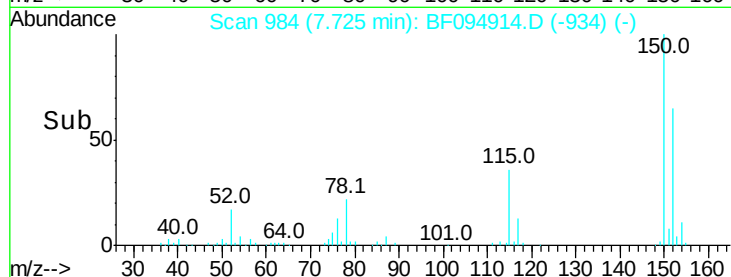
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094914.D
Acq: 5 May 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88362
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 55.0 52.2 78.2



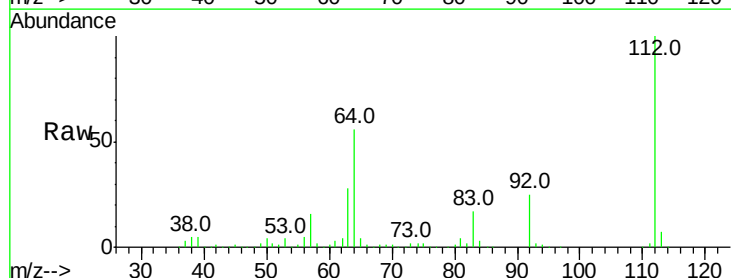
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



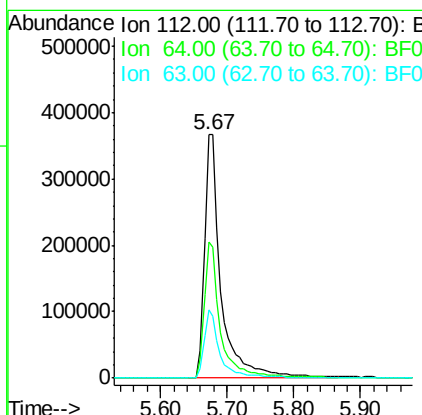
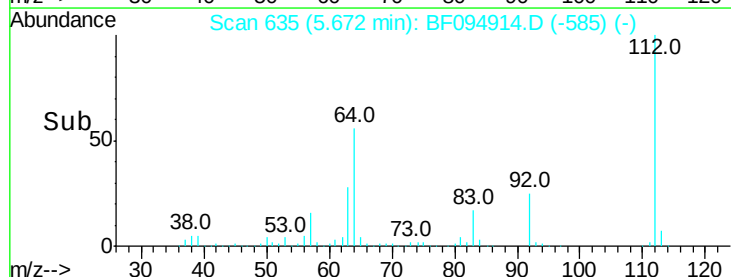
#5

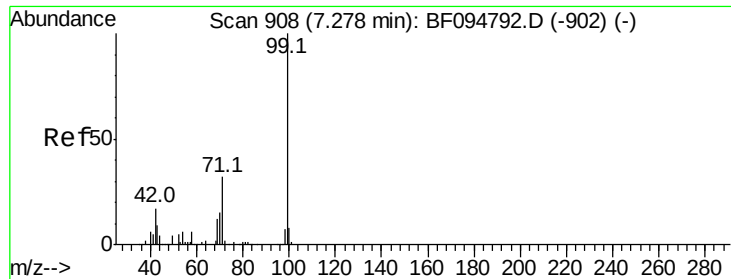
2-Fluorophenol
Concen: 119.37 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094914.D
Acq: 5 May 2017 13:21

Tgt Ion:112 Resp: 632646
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 27.9 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: 109.72 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094914.D

Acq: 5 May 2017 13:21

Instrument :

BNA_F

ClientSampled :

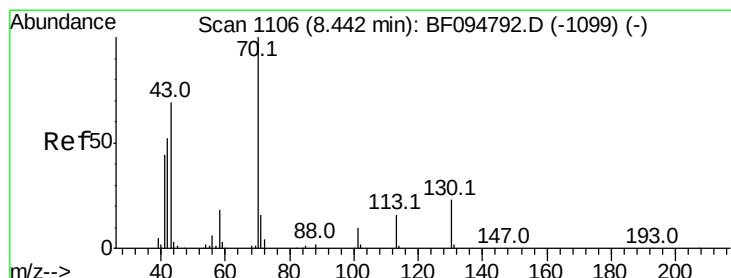
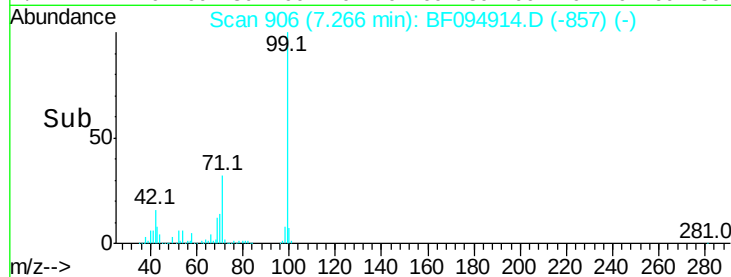
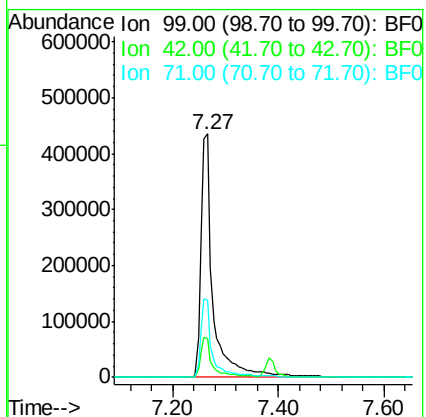
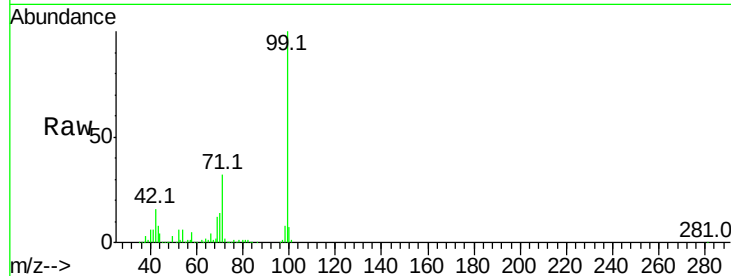
Tot Ion: 99 Resp: 697753

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

71 31.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.39 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094914.D

Acq: 5 May 2017 13:21

Tgt Ion: 70 Resp: 61906

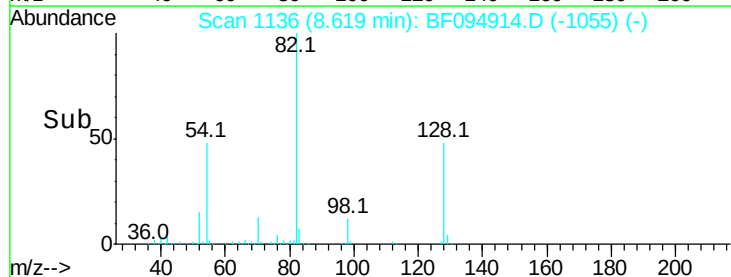
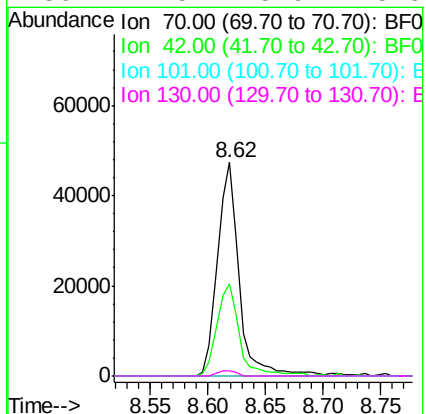
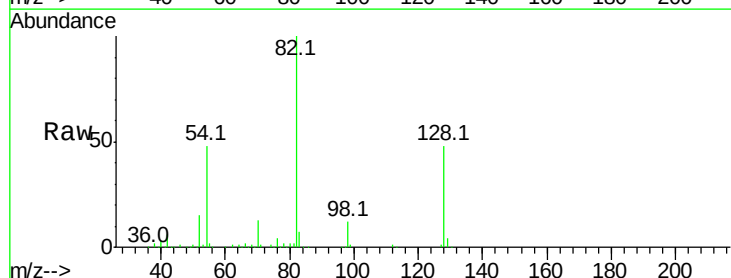
Ion Ratio Lower Upper

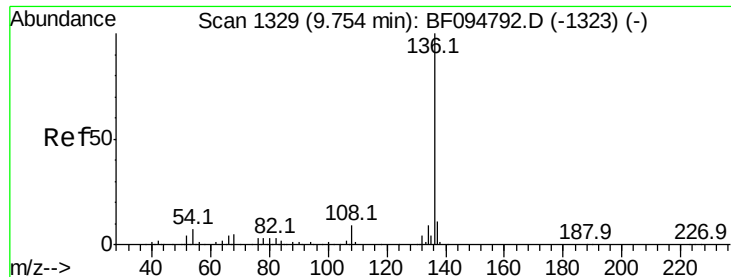
70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

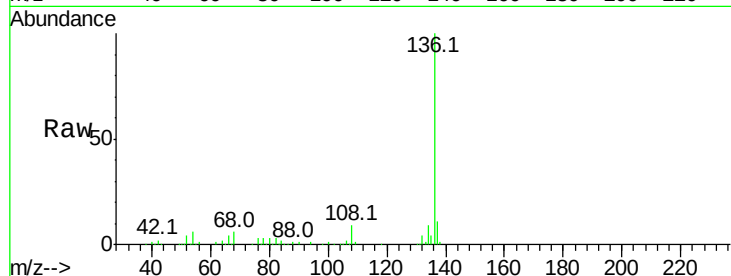




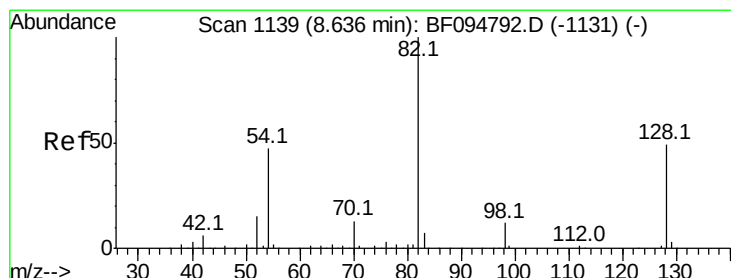
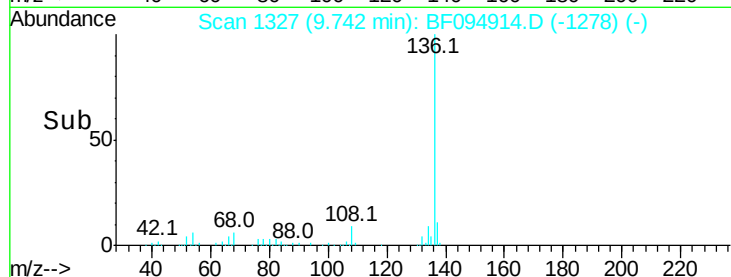
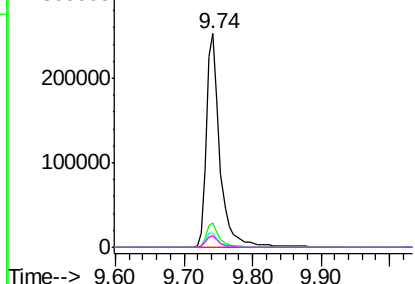
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094914.D
Acq: 5 May 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	353847
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.5 12.7
54	6.4	4.9 7.3
68	5.7	4.1 6.1

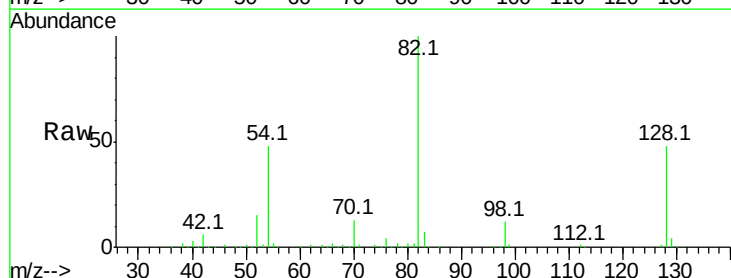


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

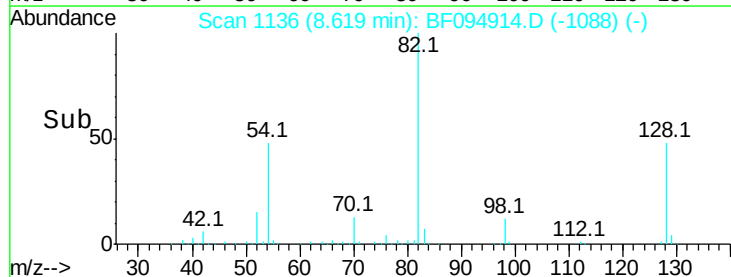
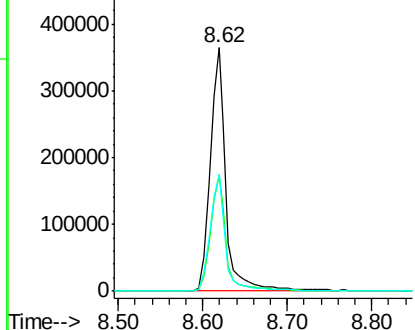


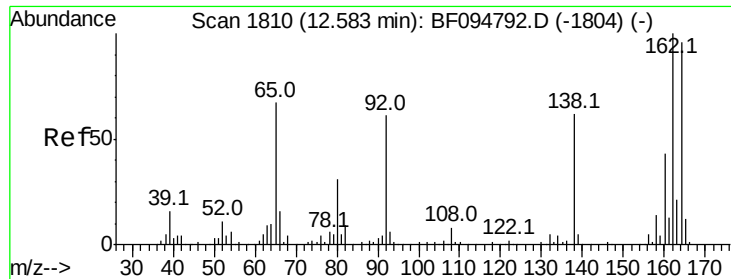
#23
Nitrobenzene-d5
Concen: 85.38 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094914.D
Acq: 5 May 2017 13:21

Tgt Ion: 82	Resp:	479113
Ion	Ratio	Lower Upper
82	100	
128	47.6	34.0 51.0
54	47.9	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: BF094914.D

Acq: 5 May 2017 13:21

Instrument :

BNA_F

ClientSampleId :

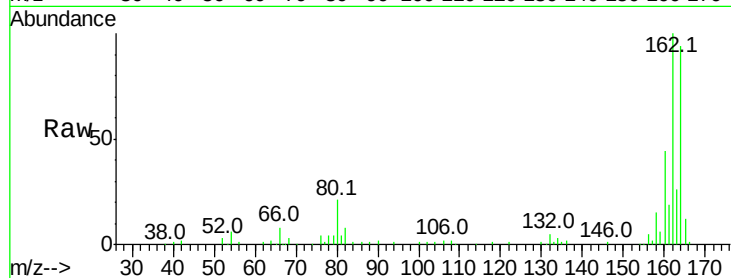
Tot Ion:164 Resp: 148980

Ion Ratio Lower Upper

164 100

162 106.5 82.6 123.8

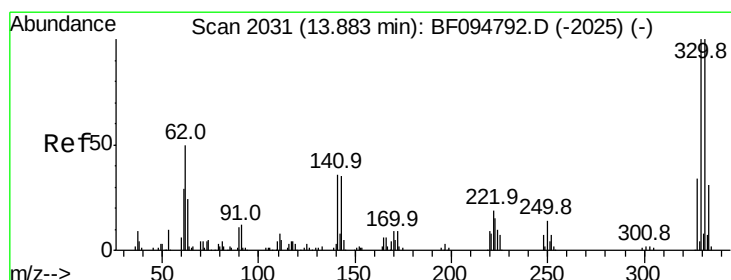
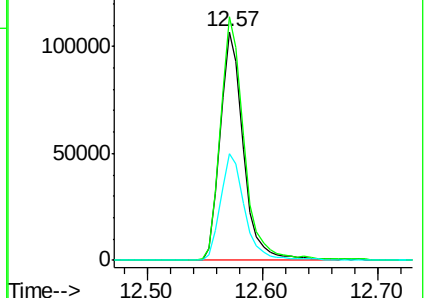
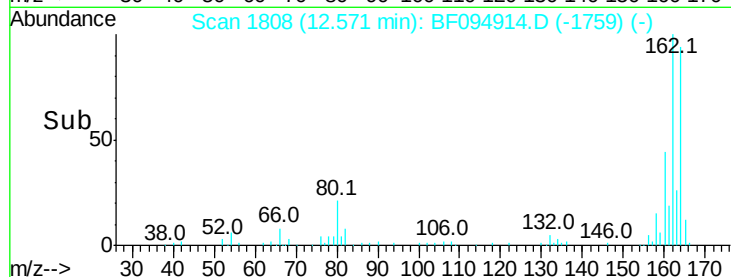
160 46.9 36.2 54.2



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: 157.53 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094914.D

Acq: 5 May 2017 13:21

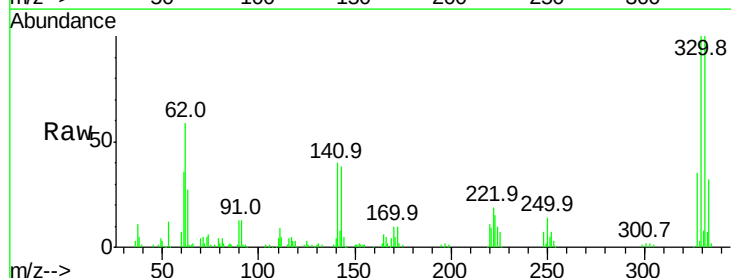
Tgt Ion:330 Resp: 192202

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

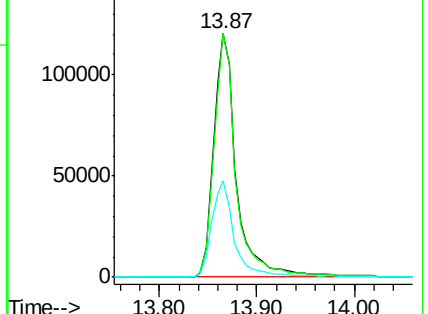
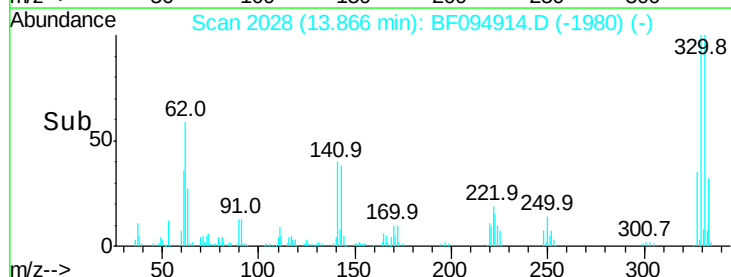
141 39.9 31.4 47.2

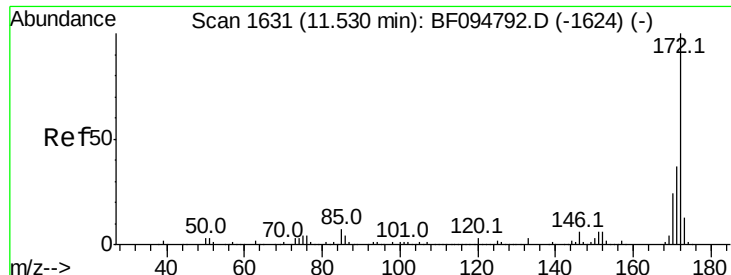


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



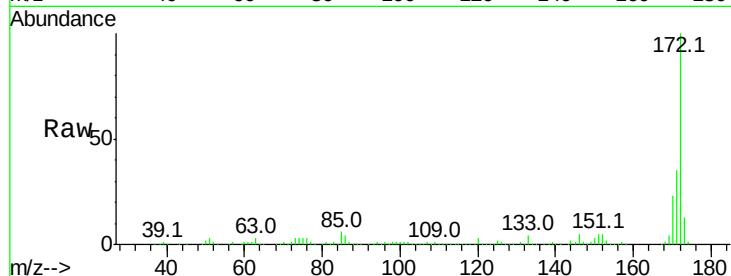


#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

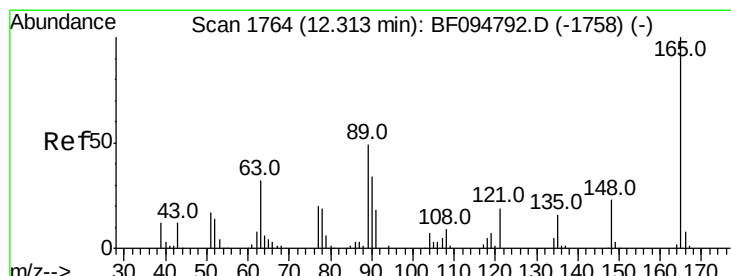
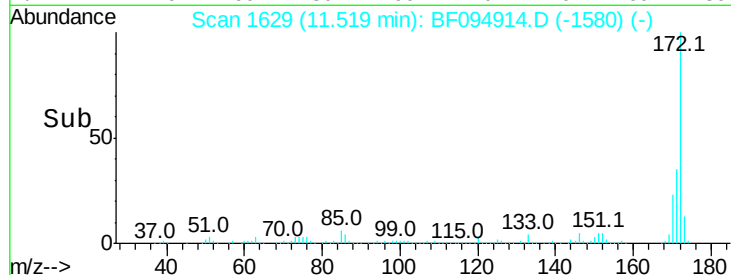
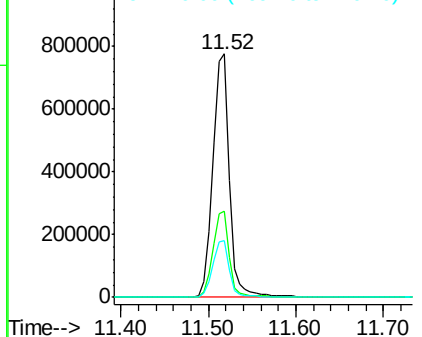
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1032580

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.8	29.8



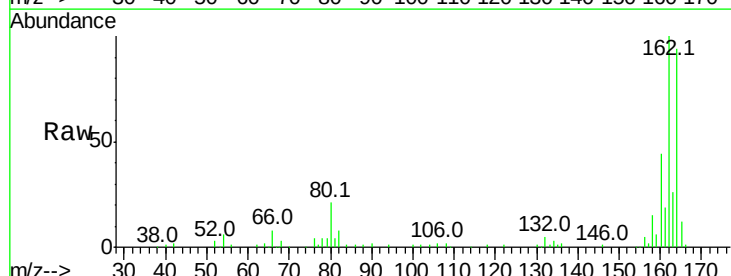
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



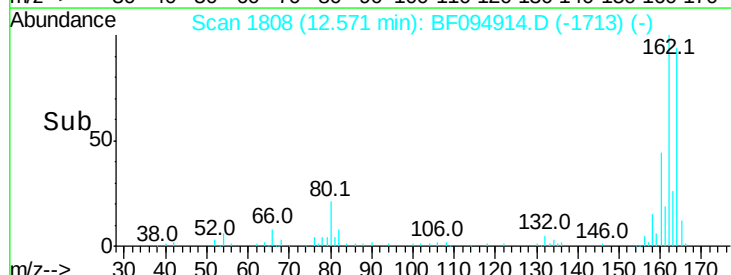
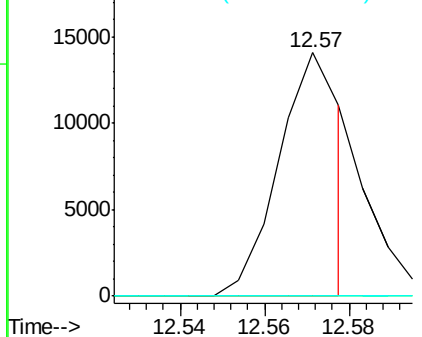
#50
 2,6-Dinitrotoluene
 Concen: 5.74 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094914.D
 Acq: 5 May 2017 13:21

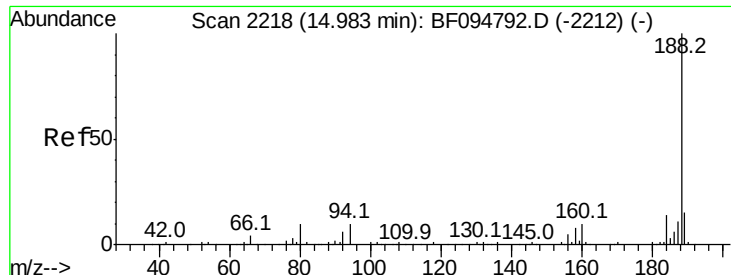
Tgt Ion:165 Resp: 14325

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

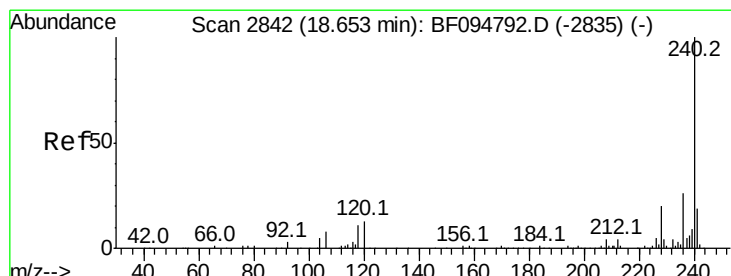
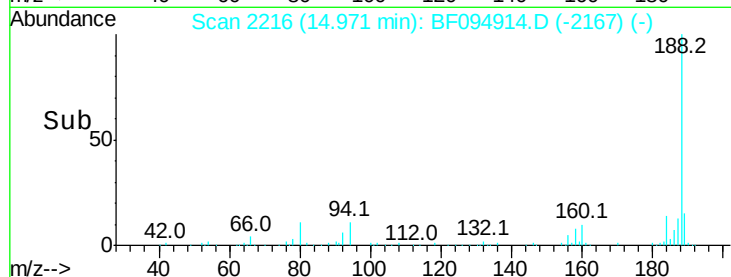
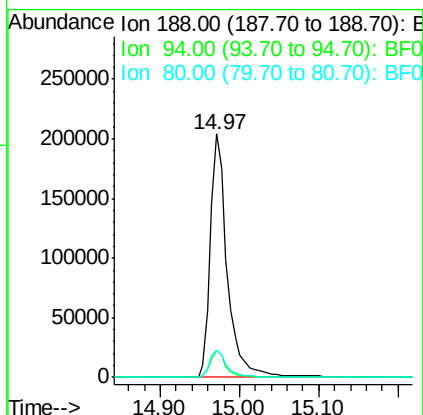
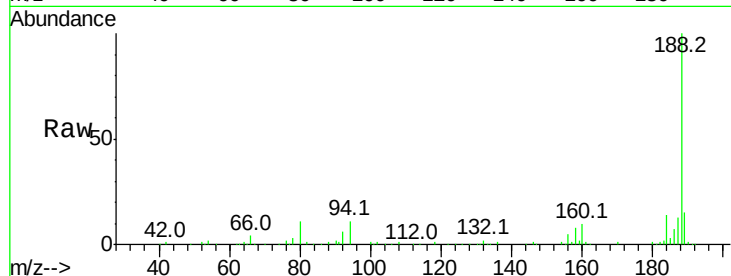




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094914.D
Acq: 5 May 2017 13:21

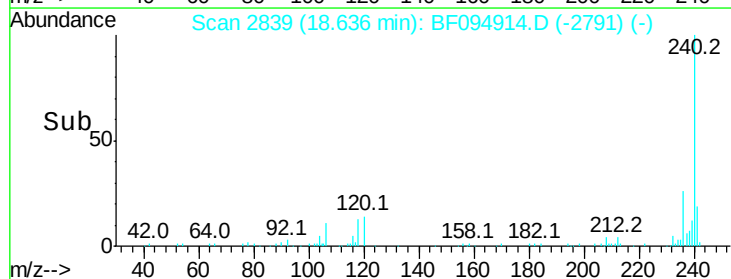
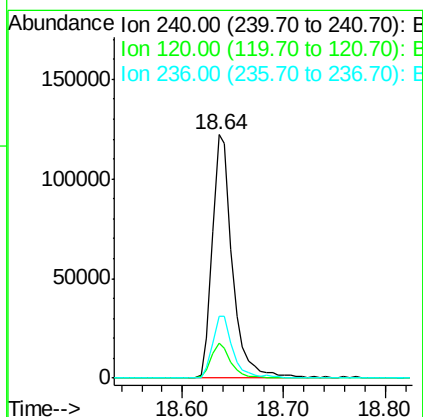
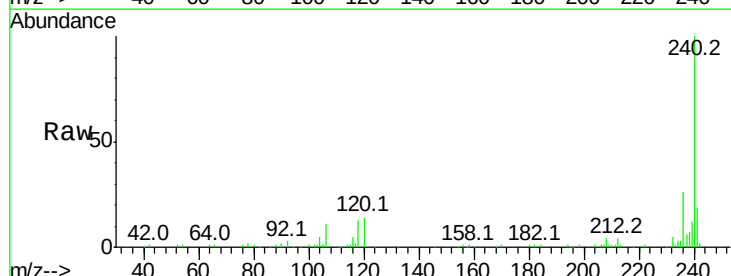
Instrument :
BNA_F
ClientSampleId :

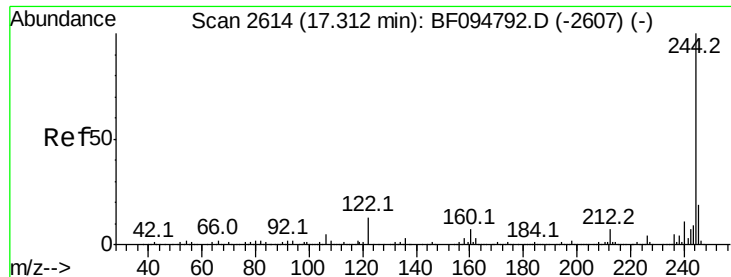
Tot Ion:188 Resp: 303214
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094914.D
Acq: 5 May 2017 13:21

Tgt Ion:240 Resp: 169091
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 98.64 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094914.D

Acq: 5 May 2017 13:21

Instrument :

BNA_F

ClientSampleId :

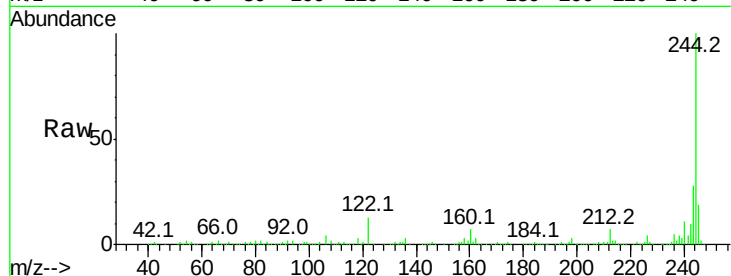
Tot Ion:244 Resp: 757263

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

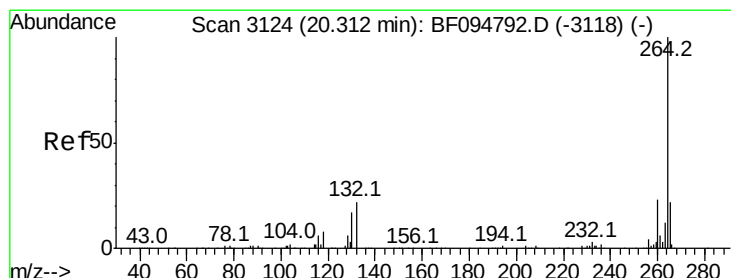
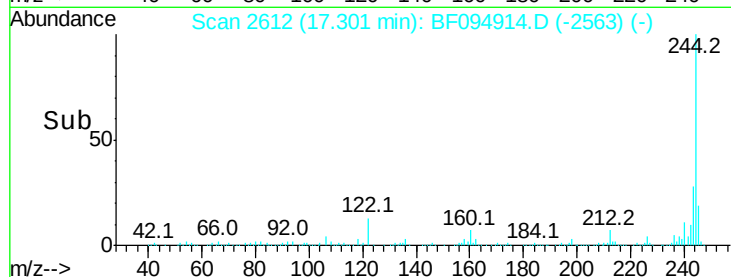
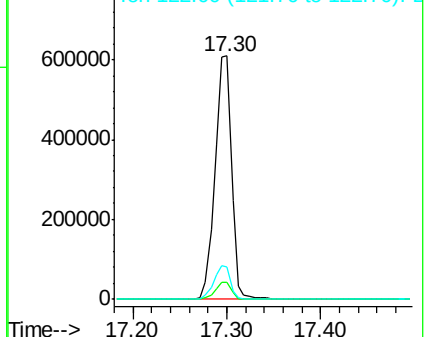
122 13.2 10.3 15.5



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: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094914.D

Acq: 5 May 2017 13:21

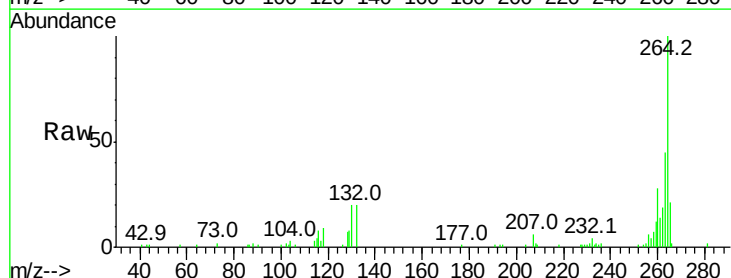
Tgt Ion:264 Resp: 68166

Ion Ratio Lower Upper

264 100

260 27.7 19.5 29.3

265 20.9 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

