

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092650.D
 Acq On : 30 Jan 2017 22:54
 Operator : SJ/MA
 Sample : I1569-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Quant Time: Jan 31 01:34:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

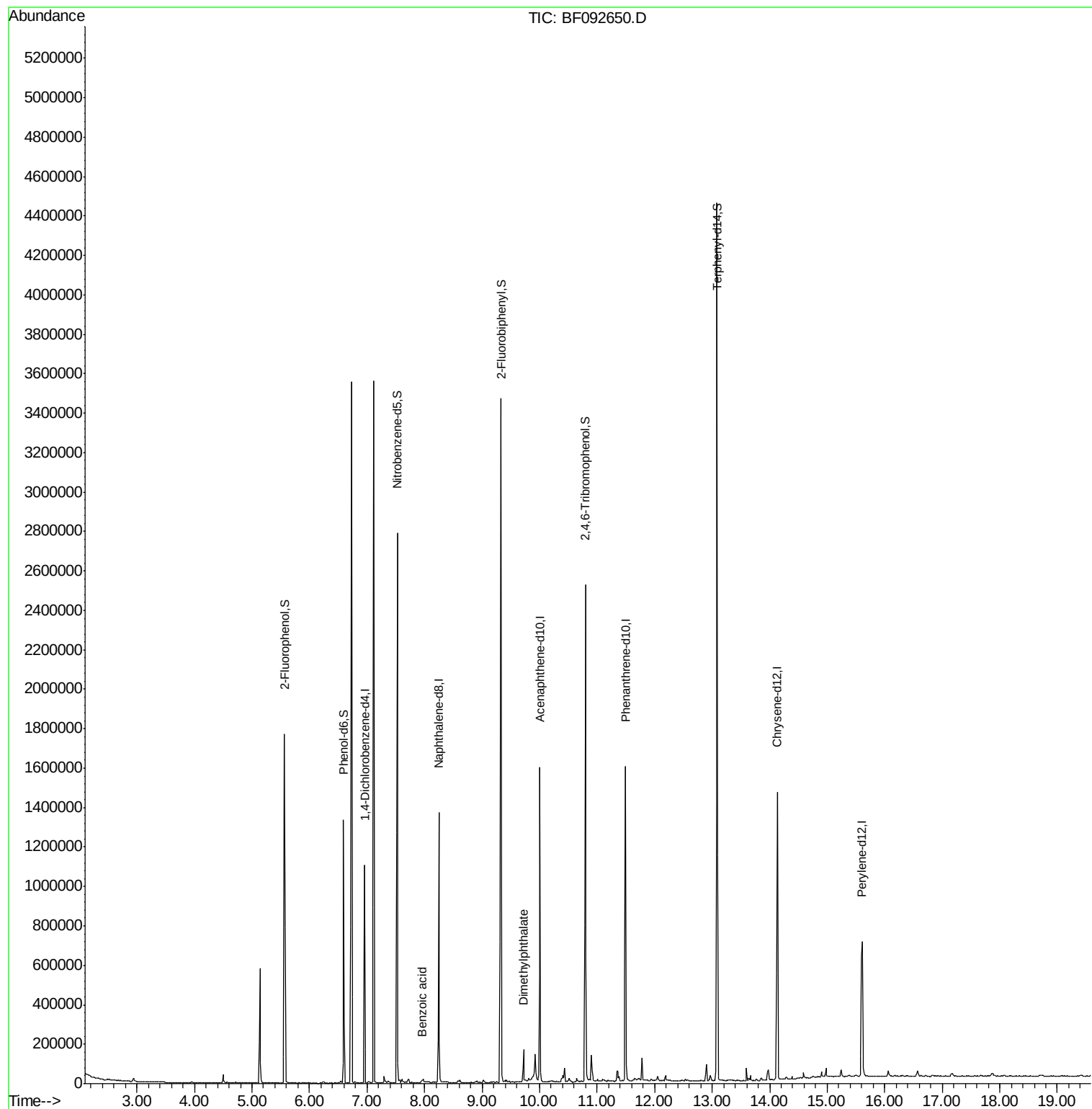
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152916	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	600903	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	351647	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	603567	20.00	ng	0.00
75) Chrysene-d12	14.13	240	528479	20.00	ng	-0.01
86) Perylene-d12	15.61	264	377461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	528119	59.25	ng	-0.01
7) Phenol-d6	6.59	99	414004	36.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	991579	91.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	332446	130.71	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1813391	93.43	ng	0.00
78) Terphenyl-d14	13.08	244	1600830	71.17	ng	0.00
Target Compounds						
32) Benzoic acid	7.95	122	2161	7.52	ng	Qvalue # 65
49) Dimethylphthalate	9.72	163	74541	3.15	ng	100

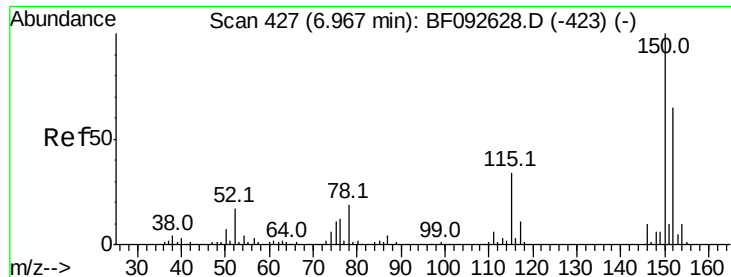
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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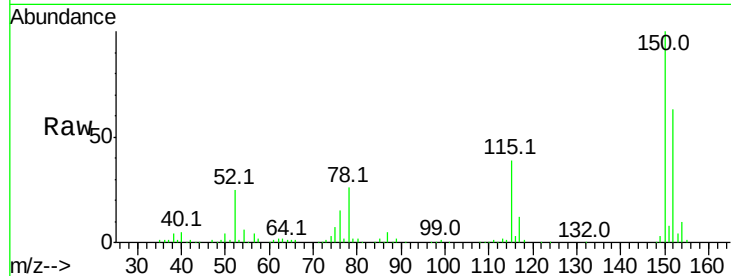


#1

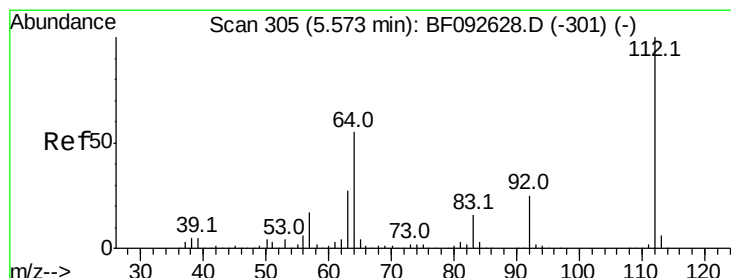
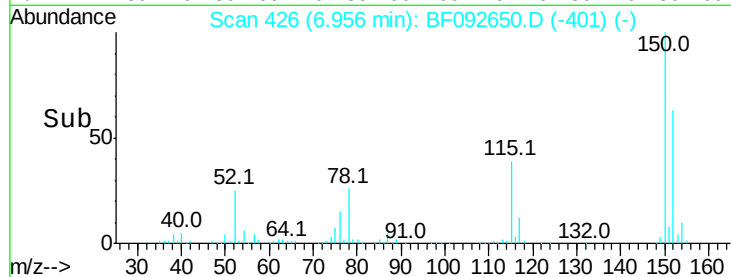
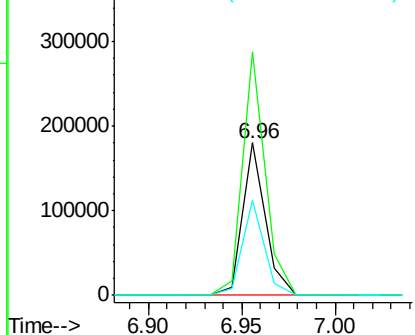
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.9	187.3
115	62.4	46.0	69.0



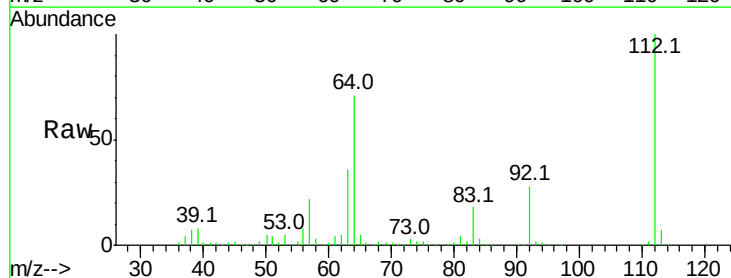
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



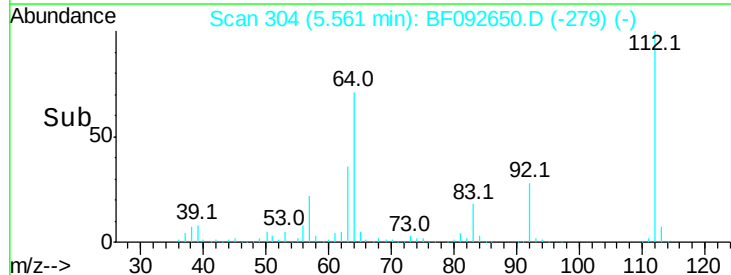
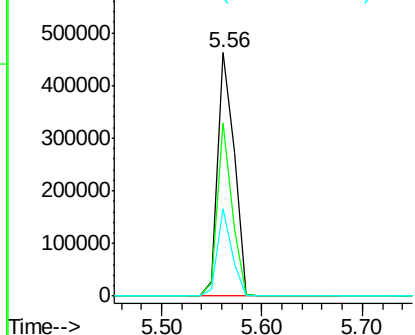
#5

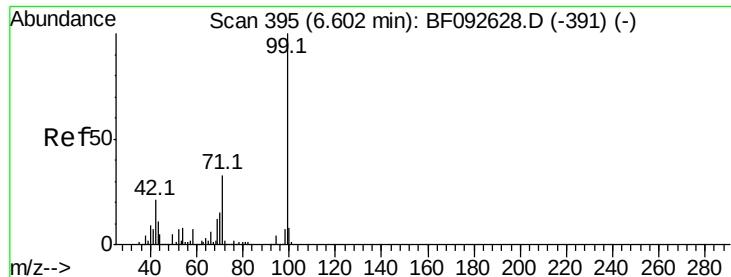
2-Fluorophenol
Concen: 59.25 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	46.1	69.1#
63	35.8	23.8	35.6#



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: 36.10 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Instrument :

BNA_F

ClientSampleId :

ELT-GW-101

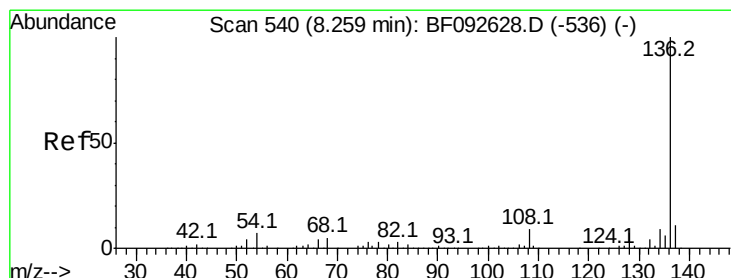
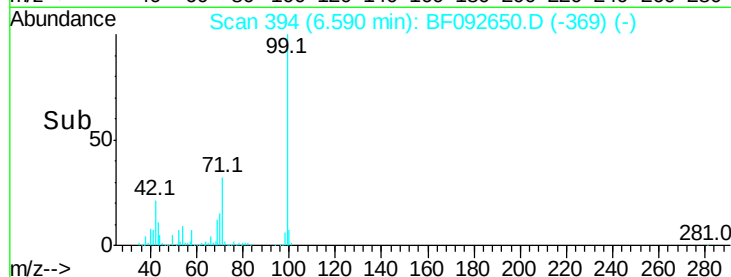
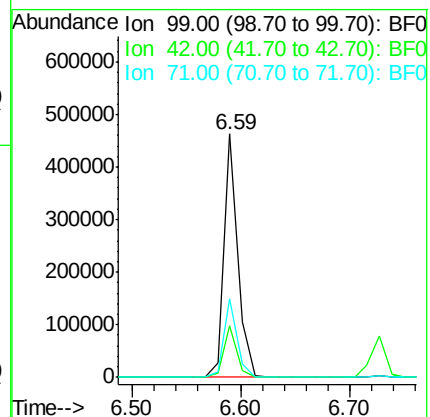
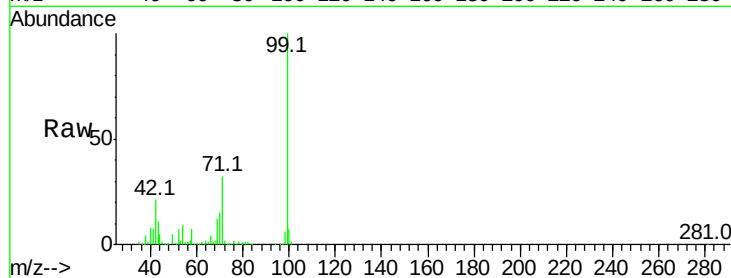
Tot Ion: 99 Resp: 414004

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

71 32.4 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Tgt Ion: 136 Resp: 600903

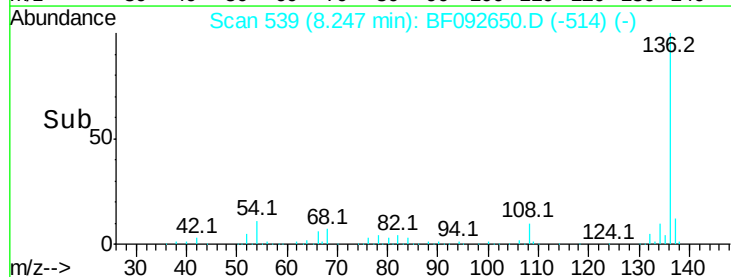
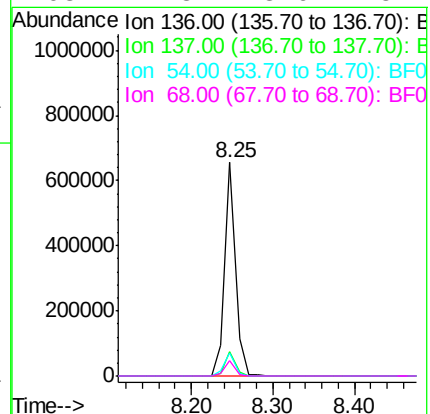
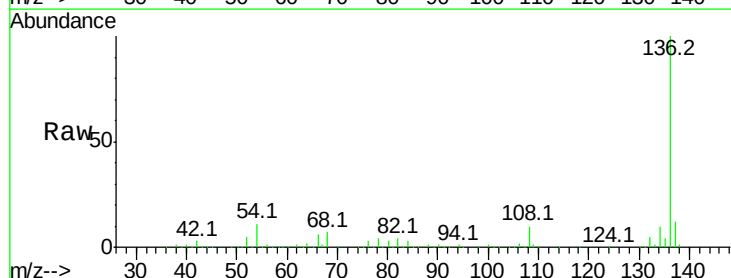
Ion Ratio Lower Upper

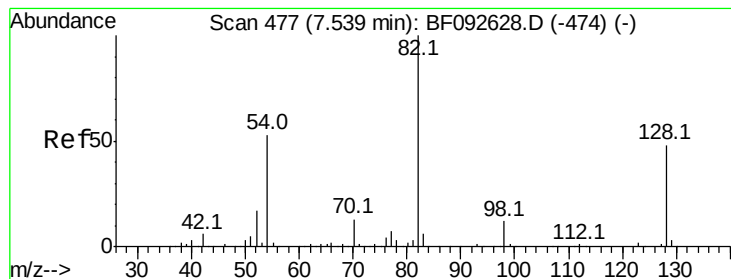
136 100

137 11.6 8.4 12.6

54 10.6 4.5 6.7#

68 7.3 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 91.89 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Instrument :

BNA_F

ClientSampleId :

ELT-GW-101

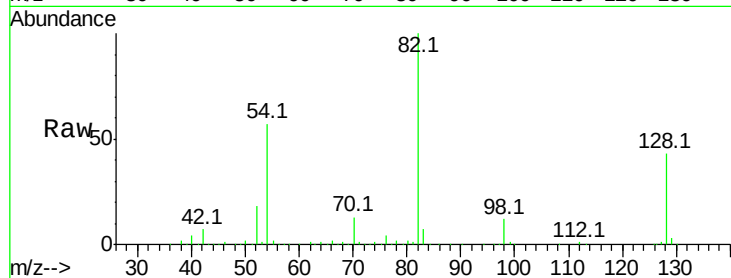
Tot Ion: 82 Resp: 991579

Ion Ratio Lower Upper

82 100

128 42.8 34.6 52.0

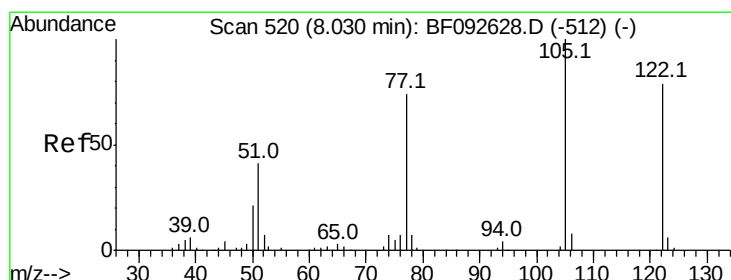
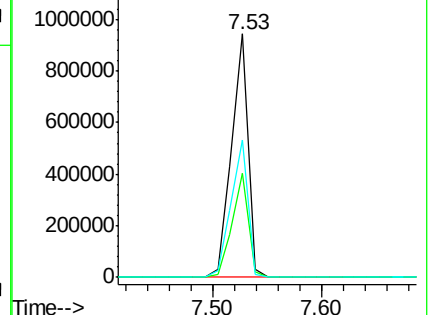
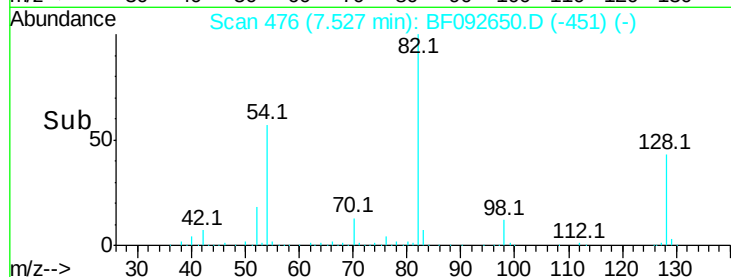
54 56.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 7.52 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

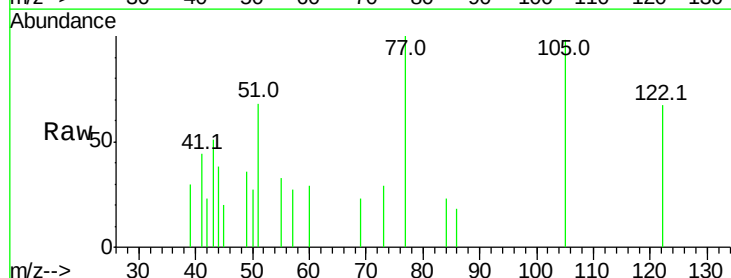
Tgt Ion:122 Resp: 2161

Ion Ratio Lower Upper

122 100

105 147.5 107.2 147.2#

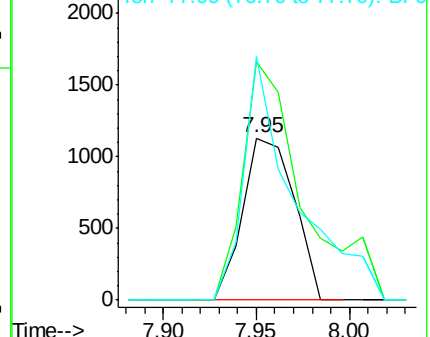
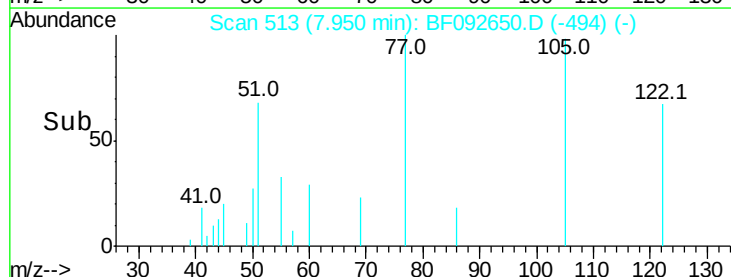
77 150.2 74.5 114.5#

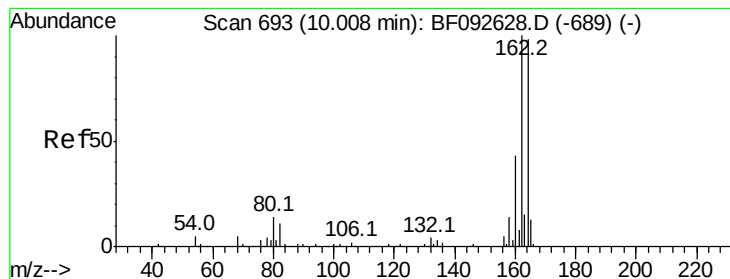


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

Instrument :

BNA_F

ClientSampleId :

ELT-GW-101

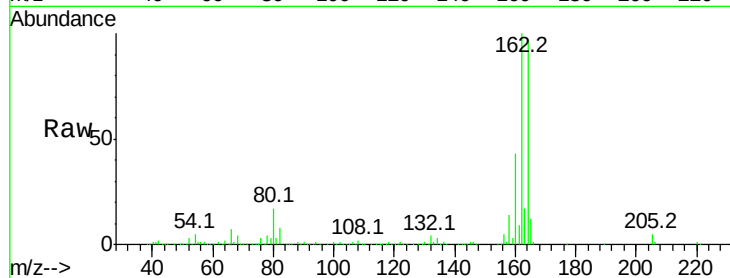
Tot Ion:164 Resp: 351647

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

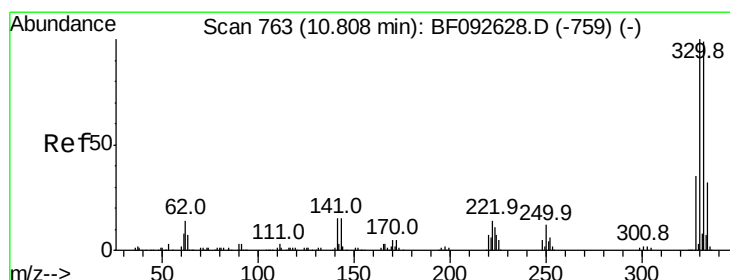
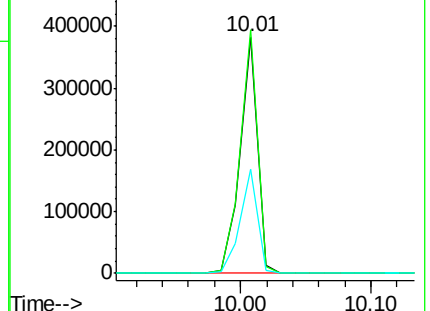
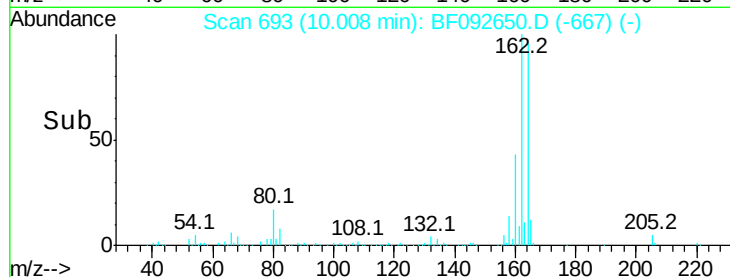
160 43.9 36.9 55.3



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: 130.71 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092650.D

Acq: 30 Jan 2017 22:54

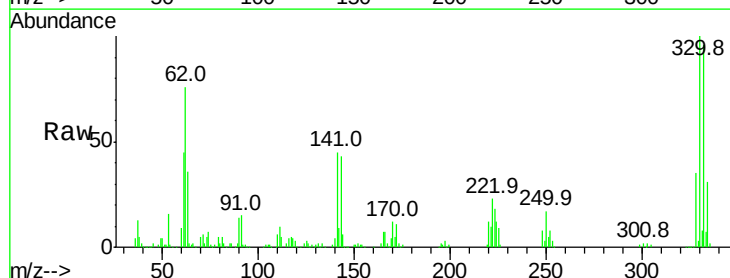
Tgt Ion:330 Resp: 332446

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

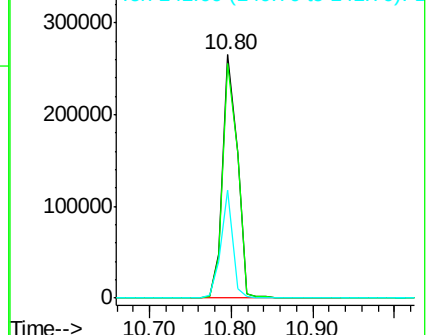
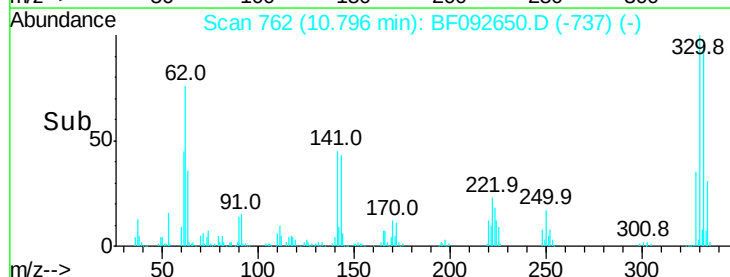
141 36.0 34.1 51.1

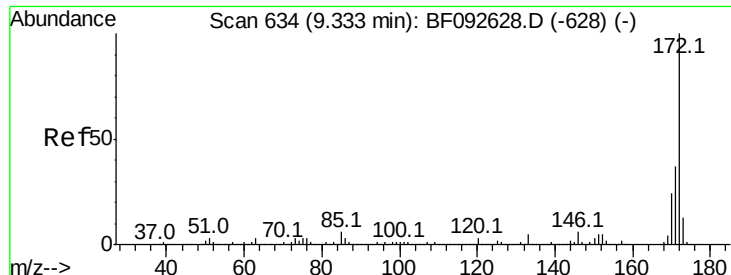


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

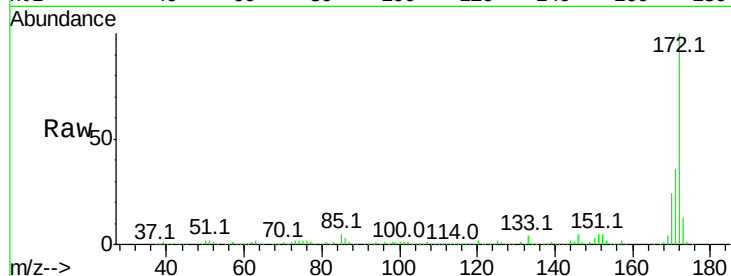




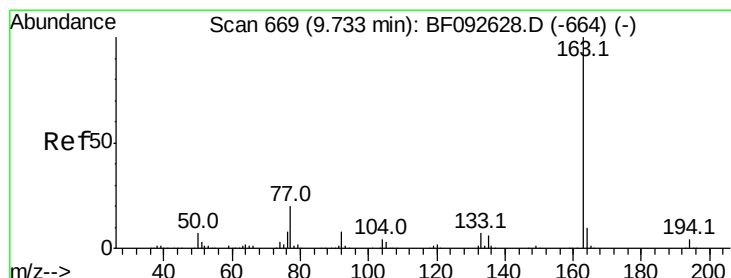
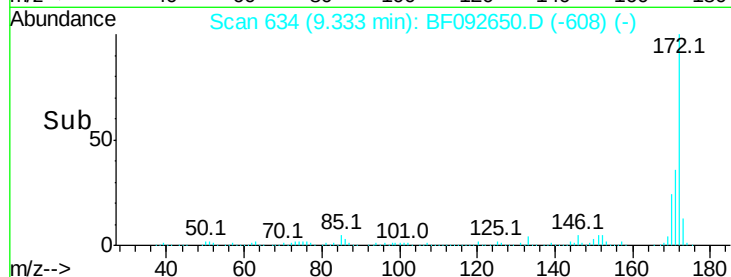
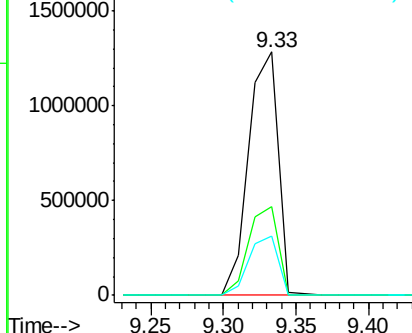
#44
2-Fluorobiphenyl
Concen: 93.43 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tot Ion:172 Resp: 1813391
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.2 20.2 30.4

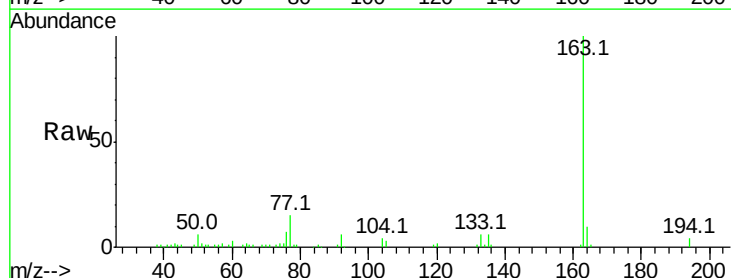


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

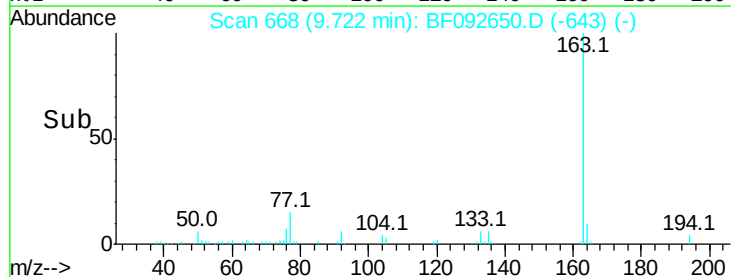
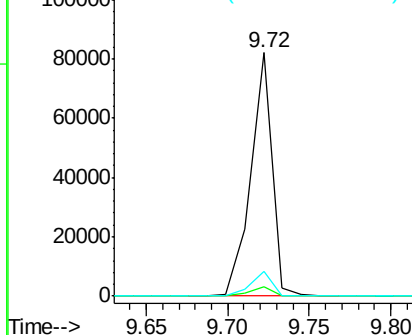


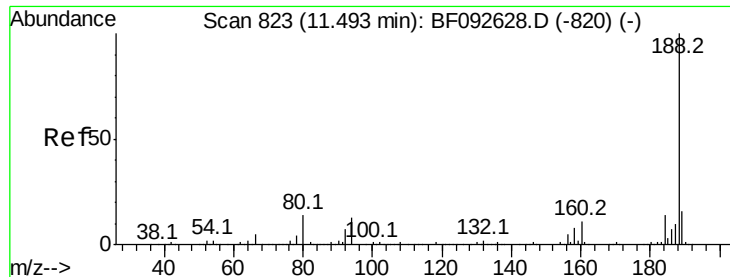
#49
Dimethylphthalate
Concen: 3.15 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:163 Resp: 74541
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0



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

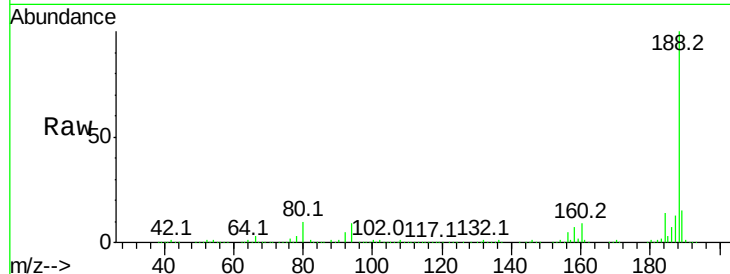




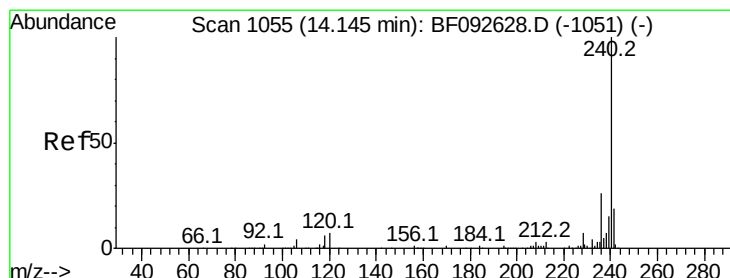
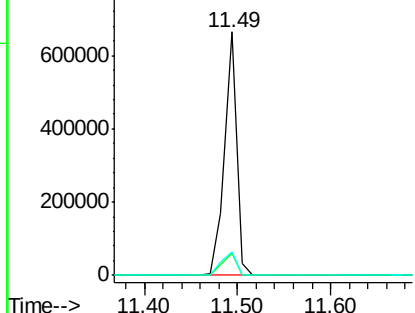
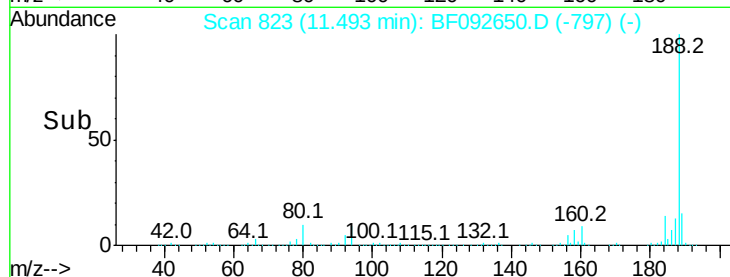
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Instrument :
BNA_F
ClientSampleId :
ELT-GW-101

Tot Ion:188 Resp: 603567
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.8 11.2 16.8#

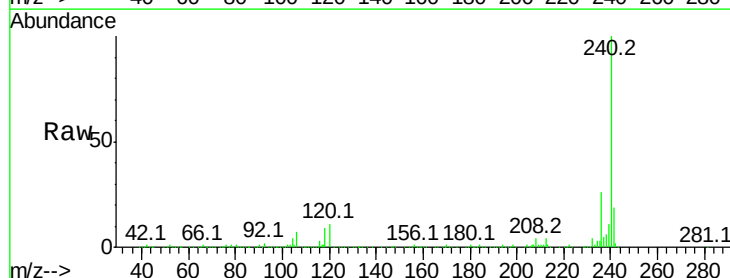


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

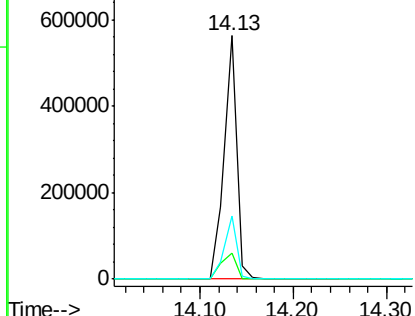
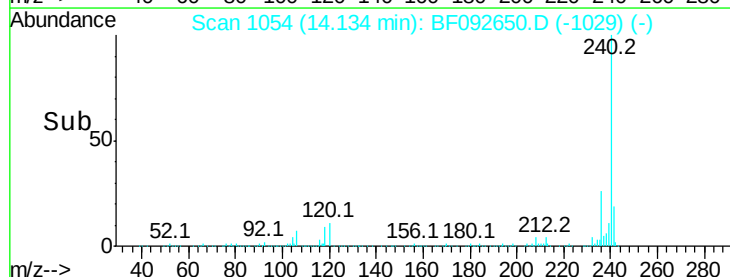


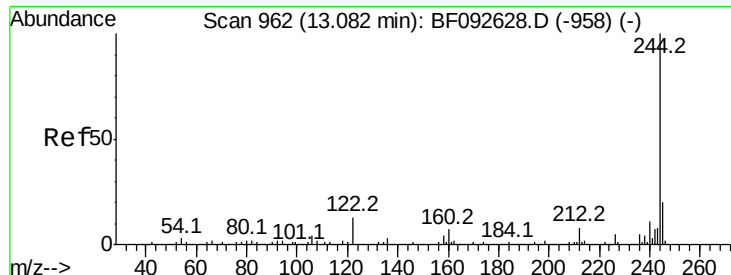
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092650.D
Acq: 30 Jan 2017 22:54

Tgt Ion:240 Resp: 528479
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 25.9 20.9 31.3



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

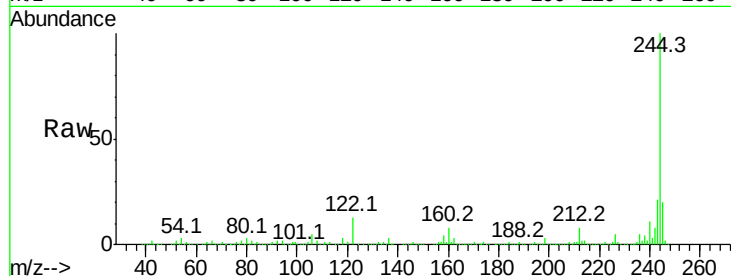




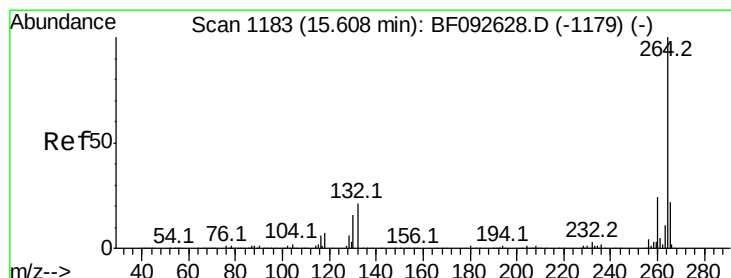
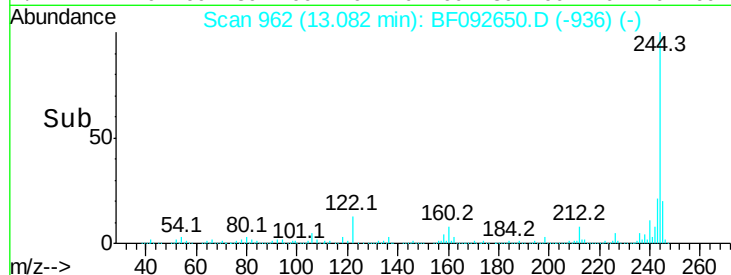
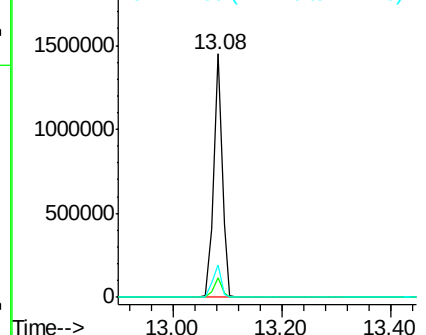
#78
 Terphenyl-d14
 Concen: 71.17 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 ELT-GW-101

Tot Ion:244 Resp: 1600830
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.4 11.4 17.2

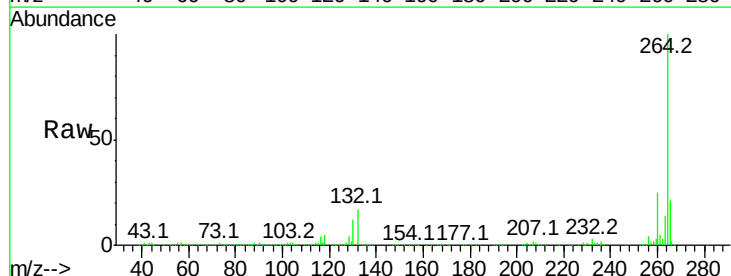


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092650.D
 Acq: 30 Jan 2017 22:54

Tgt Ion:264 Resp: 377461
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.1 17.4 26.0



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

