

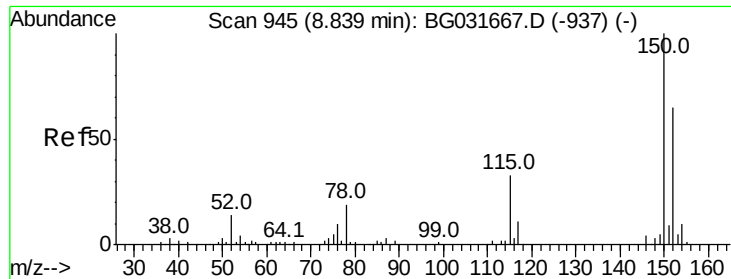
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031892.D
 Acq On : 3 Jan 2018 15:59
 Operator : SJ/JU
 Sample : J1004-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:43:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	43303	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	184489	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	129896	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	373239	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	431091	20.00	ng	-0.02
86) Perylene-d12	26.22	264	446182	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	316700	133.21	ng	0.00
7) Phenol-d6	7.89	99	418613	135.62	ng	0.00
23) Nitrobenzene-d5	9.98	82	226417	92.67	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	308426	155.61	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	810890	78.35	ng	0.00
78) Terphenyl-d14	20.68	244	1585488	84.03	ng	-0.01
Target Compounds						
10) Phenol	7.92	94	15882	5.096	ng	95
19) n-Nitroso-di-n-propylamine	9.98	70	29760	14.117	ng	# 73
49) Dimethylphthalate	14.84	163	62370	5.450	ng	# 99
56) 2,4-Dinitrotoluene	15.41	165	16831	6.218	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	820	8.679	ng	# 72
66) 4-Bromophenyl-phenylether	16.89	248	25087	4.648	ng	# 1

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

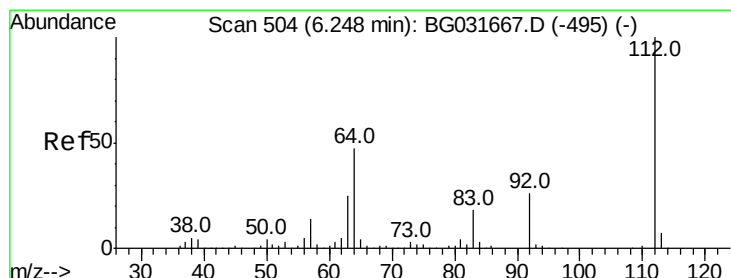
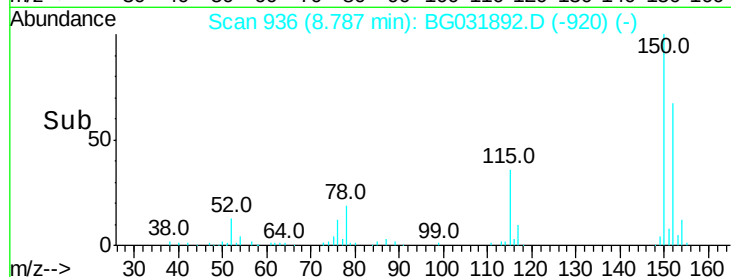
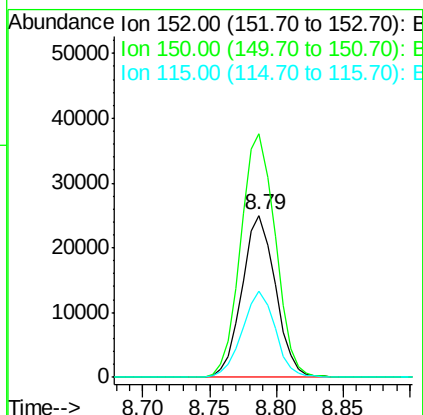
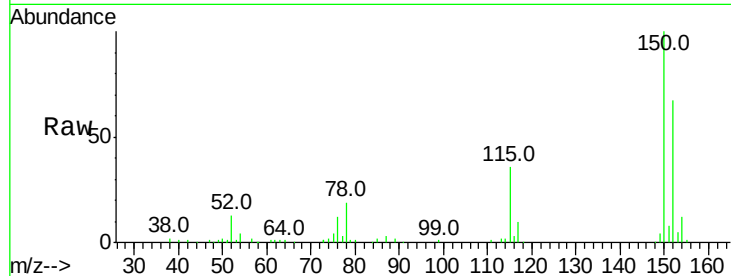


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031892.D
Acq: 3 Jan 2018 15:59

Instrument :
BNA_G
ClientSampled :

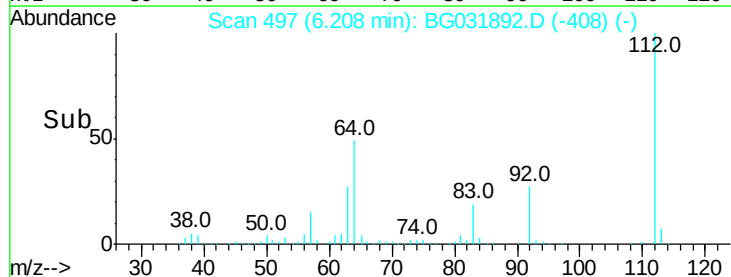
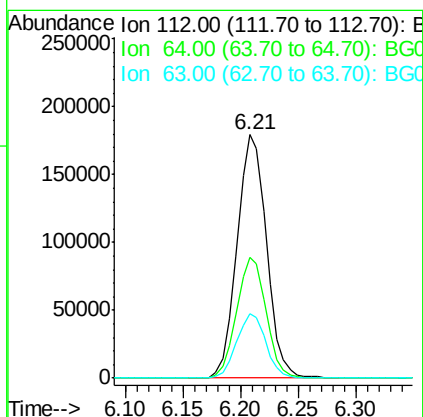
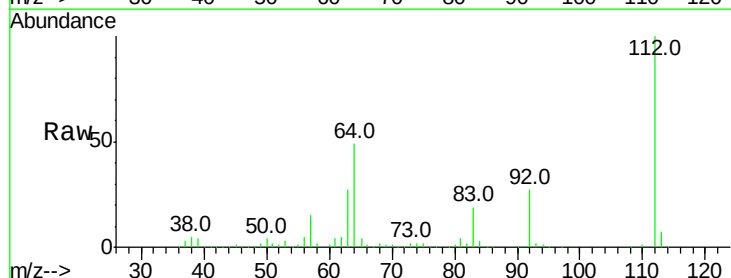
Tot Ion:152 Resp: 43303
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 53.5 53.0 79.4

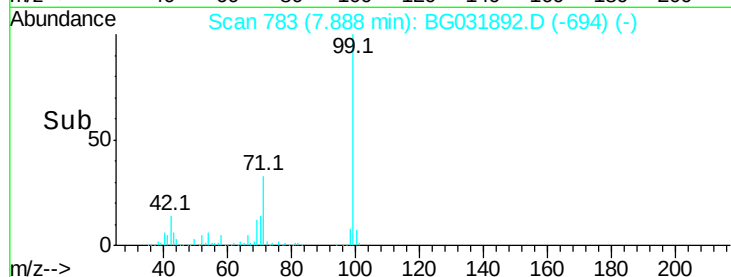
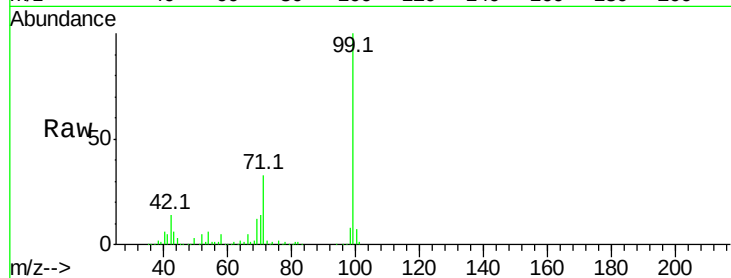
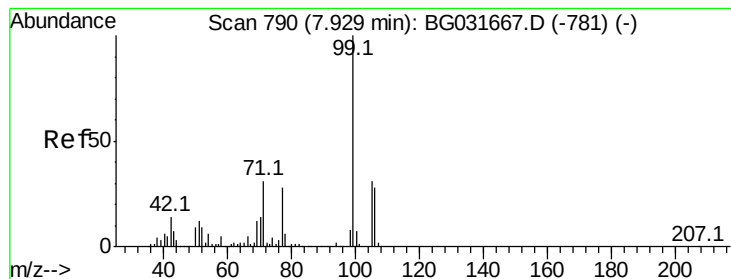


#5

2-Fluorophenol
Concen: 133.208 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031892.D
Acq: 3 Jan 2018 15:59

Tgt Ion:112 Resp: 316700
Ion Ratio Lower Upper
112 100
64 49.5 56.3 84.5#
63 26.6 30.1 45.1#





#7

Phenol-d6

Concen: 135.616 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031892.D

Acq: 3 Jan 2018 15:59

Instrument :

BNA_G

ClientSampleId :

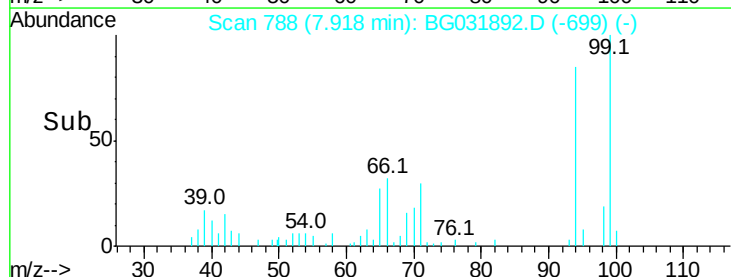
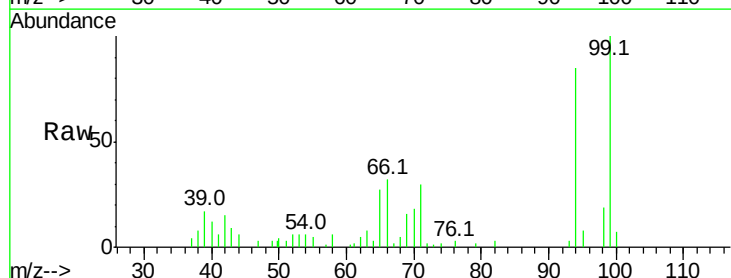
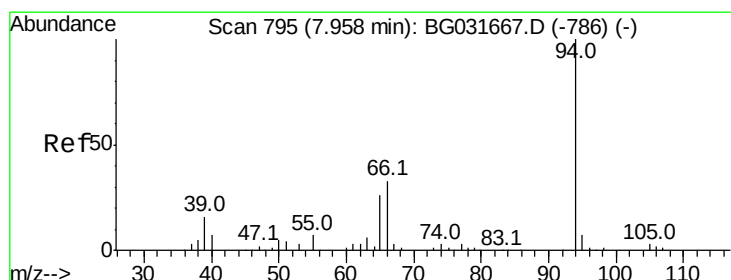
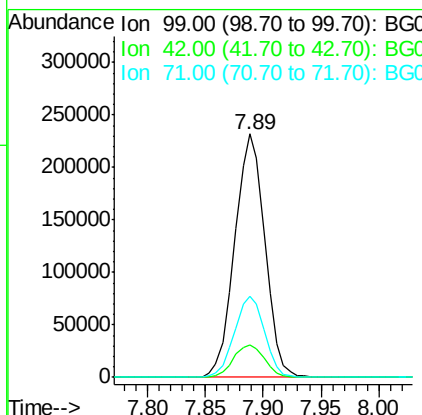
Tot Ion: 99 Resp: 418613

Ion Ratio Lower Upper

99 100

42 13.5 14.1 21.1#

71 33.5 26.1 39.1



#10

Phenol

Concen: 5.096 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031892.D

Acq: 3 Jan 2018 15:59

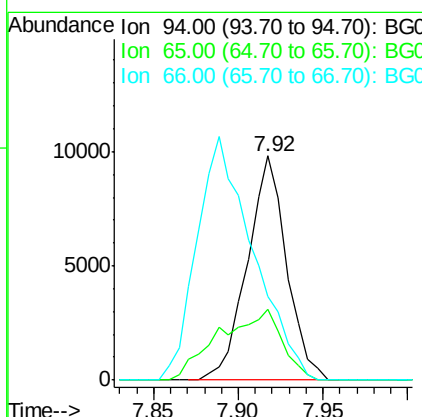
Tgt Ion: 94 Resp: 15882

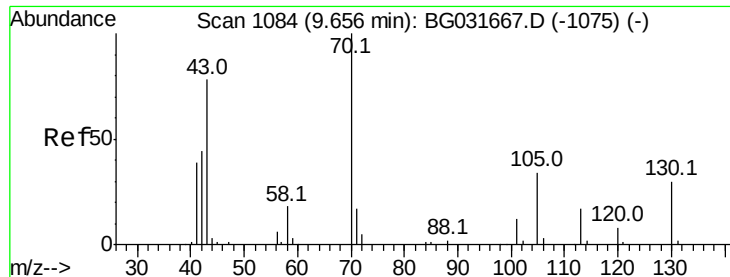
Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

66 37.2 22.2 62.2

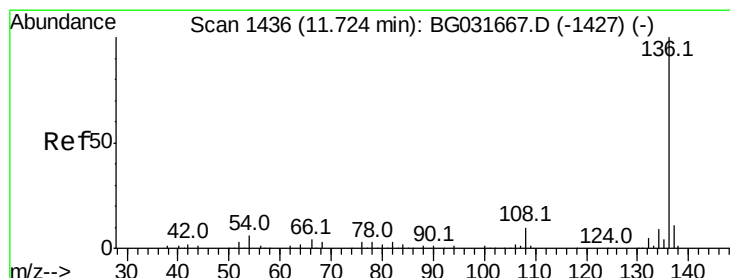
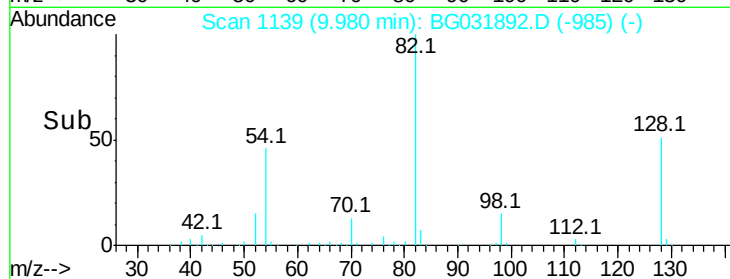
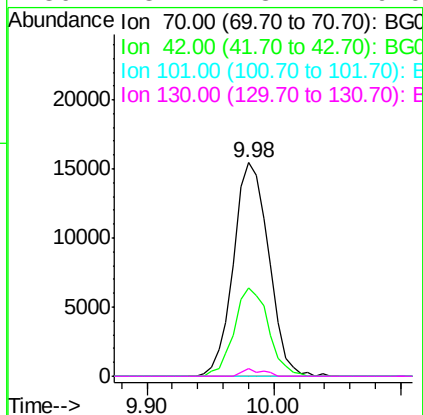
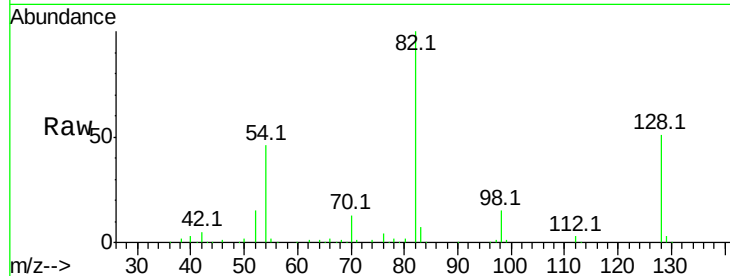




#19
n-Nitroso-di-n-propylamine
Concen: 14.117 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031892.D
Acq: 3 Jan 2018 15:59

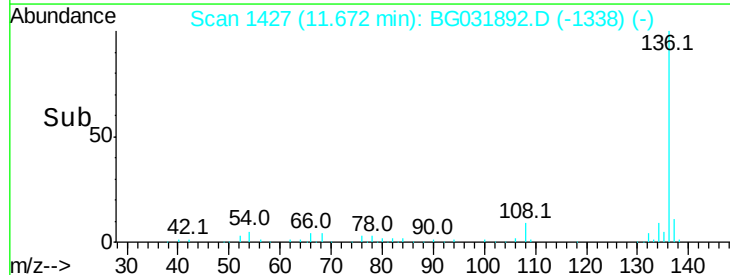
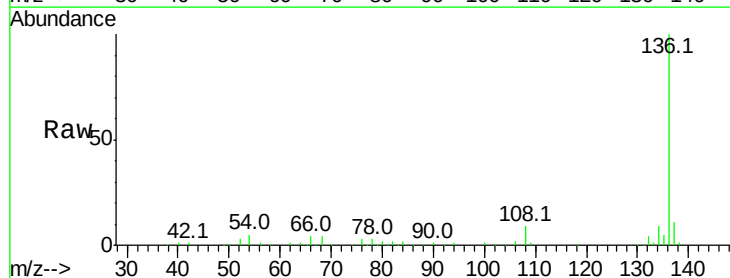
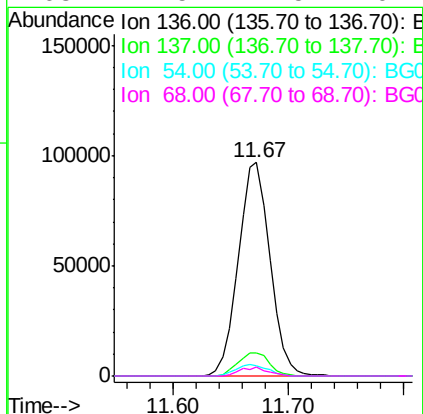
Instrument :
BNA_G
ClientSampleId :

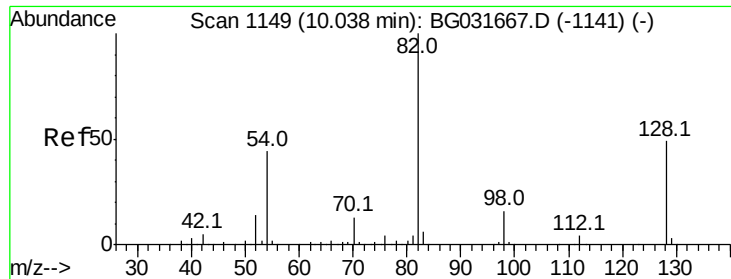
Tot Ion: 70 Resp: 29760
Ion Ratio Lower Upper
70 100
42 41.6 49.1 73.7#
101 0.0 8.5 12.7#
130 3.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031892.D
Acq: 3 Jan 2018 15:59

Tgt Ion:136 Resp: 184489
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 4.9 10.3 15.5#
68 4.5 4.5 6.7#

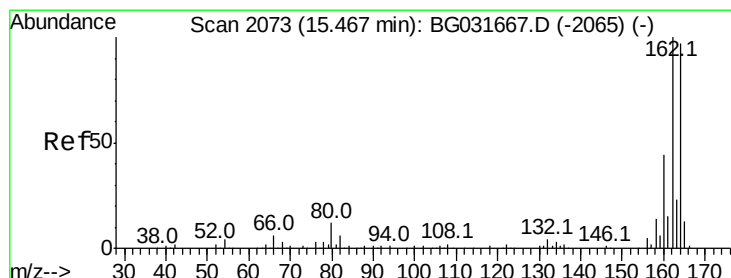
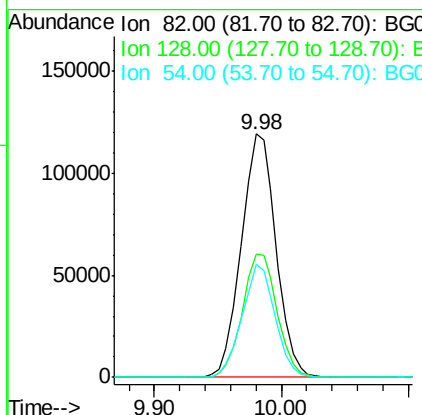
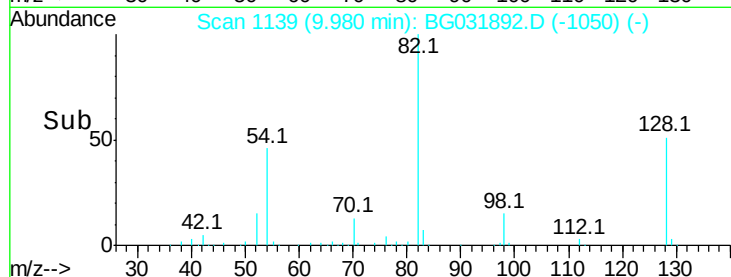
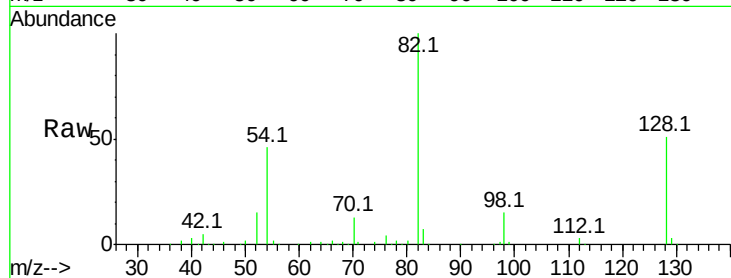




#23
Nitrobenzene-d5
Concen: 92.673 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031892.D
Acq: 3 Jan 2018 15:59

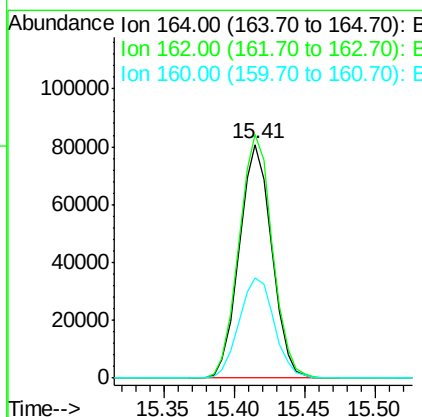
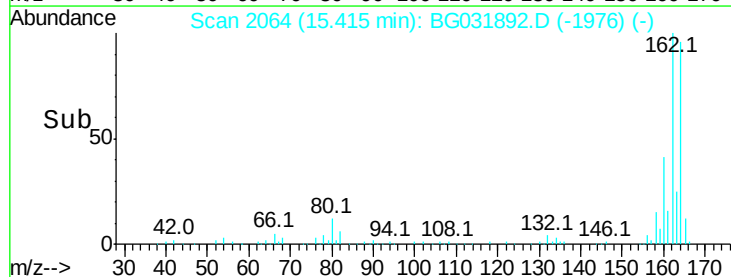
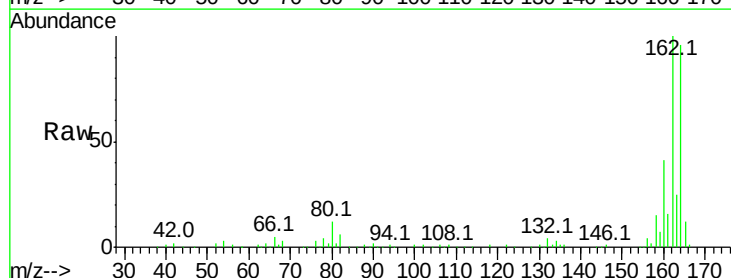
Instrument :
BNA_G
ClientSampleId :

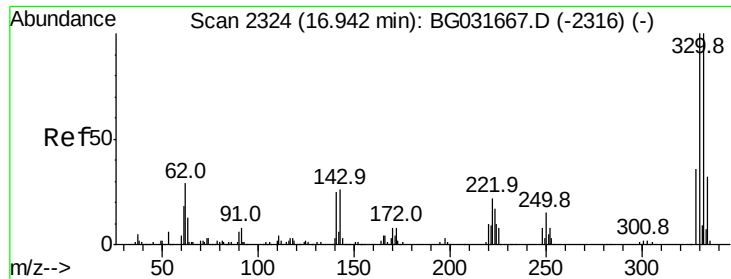
Tot Ion: 82 Resp: 226417
Ion Ratio Lower Upper
82 100
128 50.5 29.7 44.5#
54 46.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031892.D
Acq: 3 Jan 2018 15:59

Tgt Ion:164 Resp: 129896
Ion Ratio Lower Upper
164 100
162 104.2 78.8 118.2
160 43.0 35.4 53.0

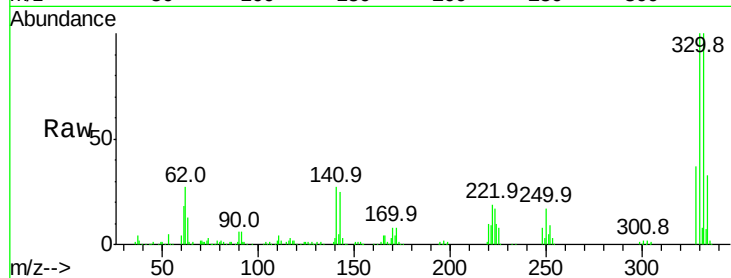




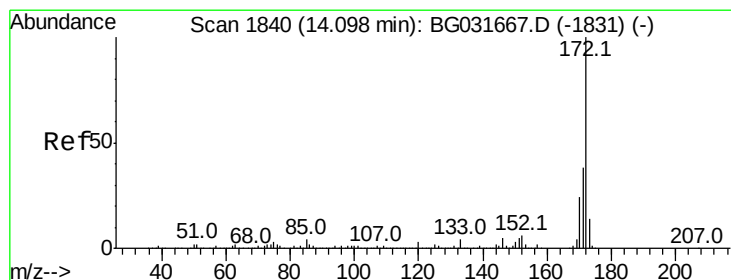
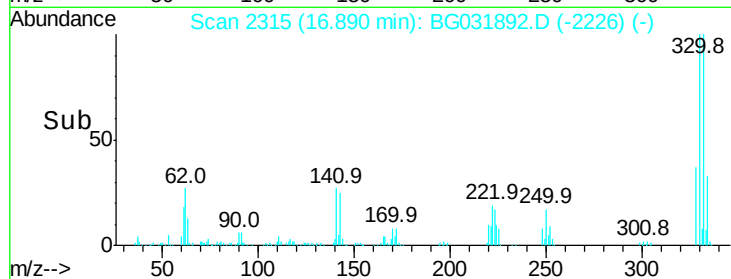
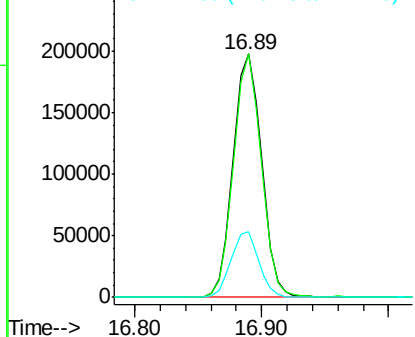
#41
 2,4,6-Tribromophenol
 Concen: 155.611 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031892.D
 Acq: 3 Jan 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.4	25.2	37.8

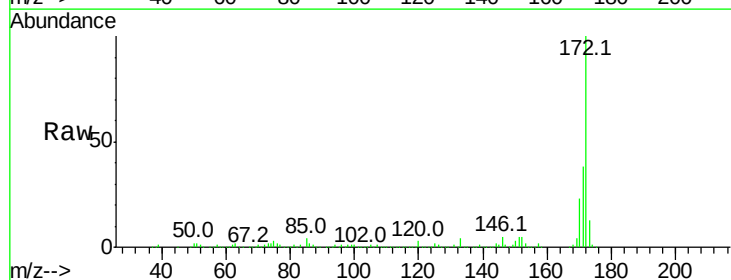


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

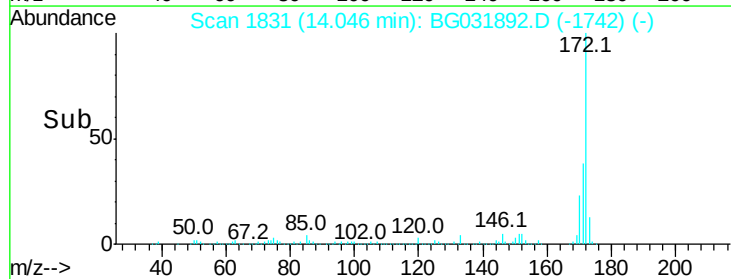
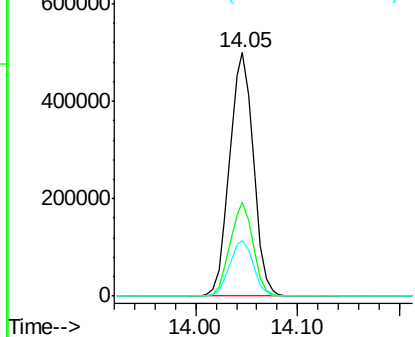


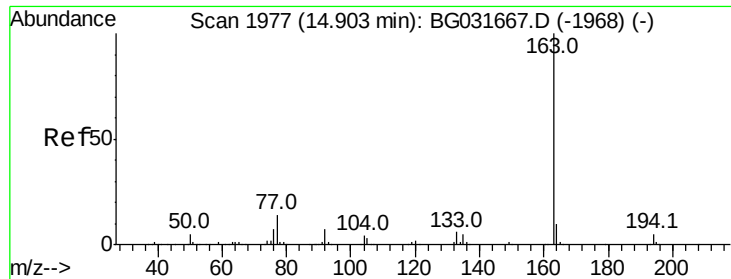
#44
 2-Fluorobiphenyl
 Concen: 78.353 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031892.D
 Acq: 3 Jan 2018 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.0	19.5	29.3



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: 5.450 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG031892.D

Acq: 3 Jan 2018 15:59

Instrument :

BNA_G

ClientSampleId :

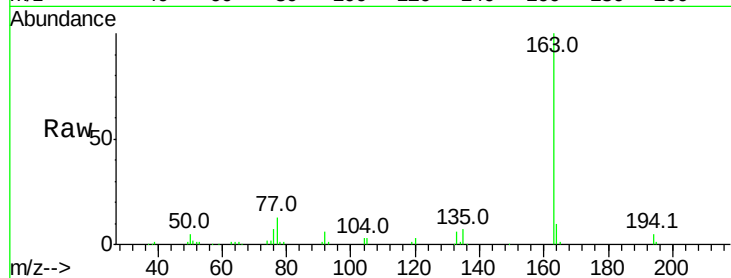
Tot Ion:163 Resp: 62370

Ion Ratio Lower Upper

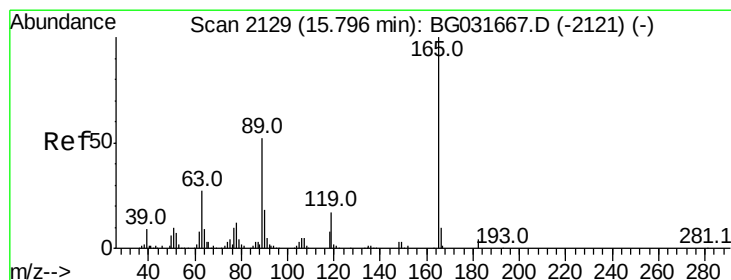
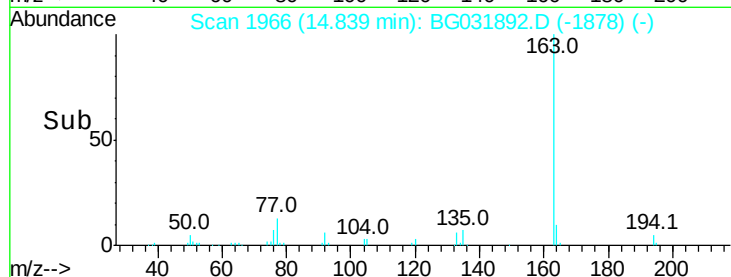
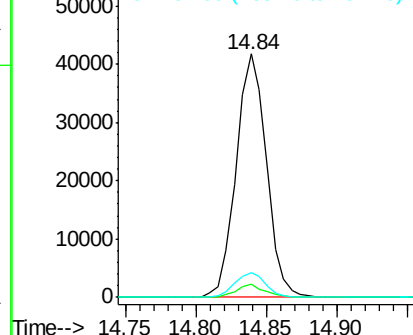
163 100

194 5.2 3.4 5.2#

164 10.3 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.218 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.34 min

Lab File: BG031892.D

Acq: 3 Jan 2018 15:59

Tgt Ion:165 Resp: 16831

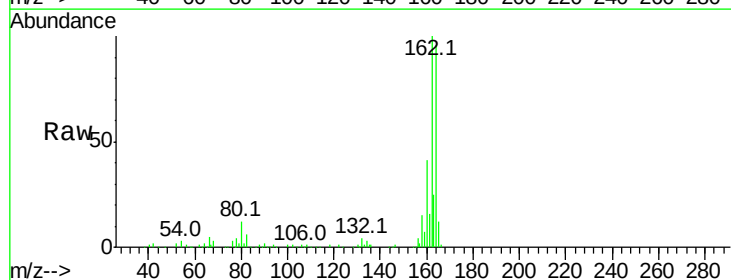
Ion Ratio Lower Upper

165 100

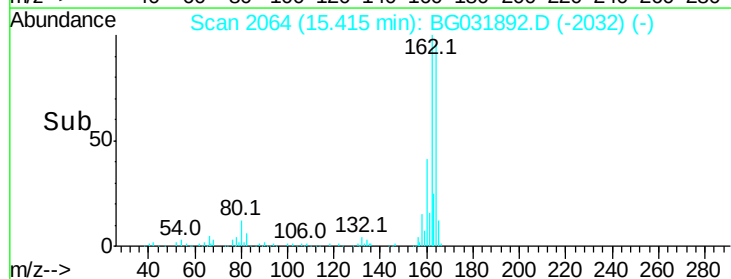
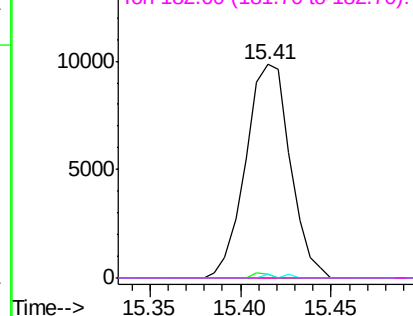
63 1.8 42.0 63.0#

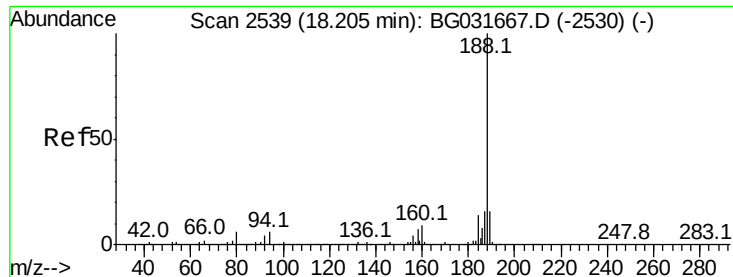
89 1.8 66.9 100.3#

182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

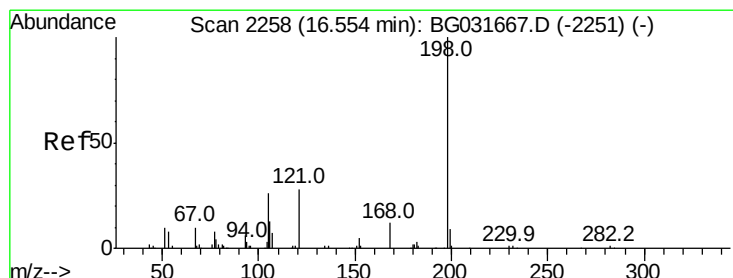
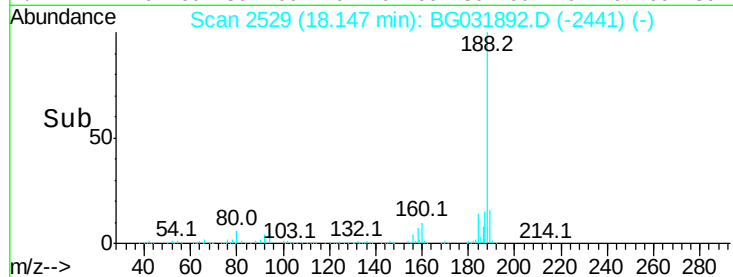
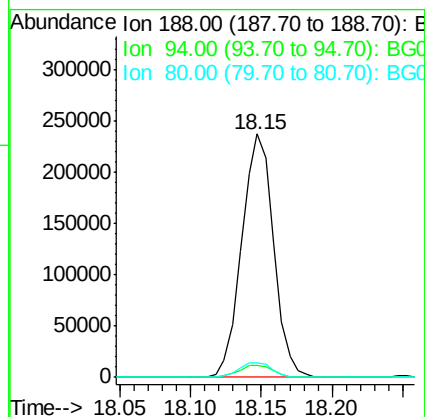
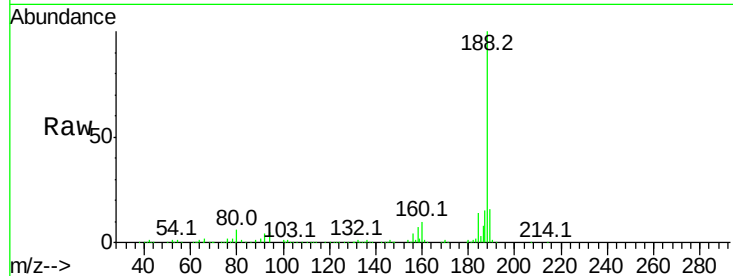




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031892.D
 Acq: 3 Jan 2018 15:59

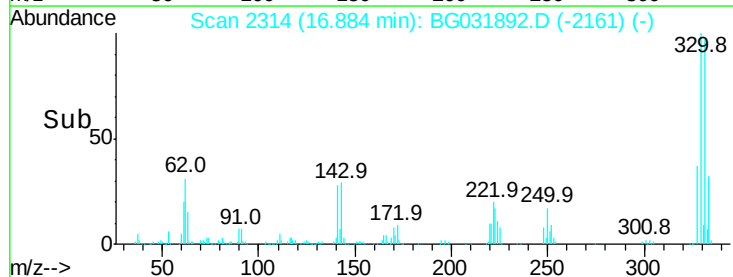
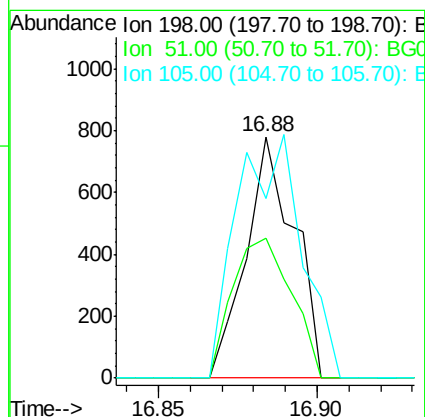
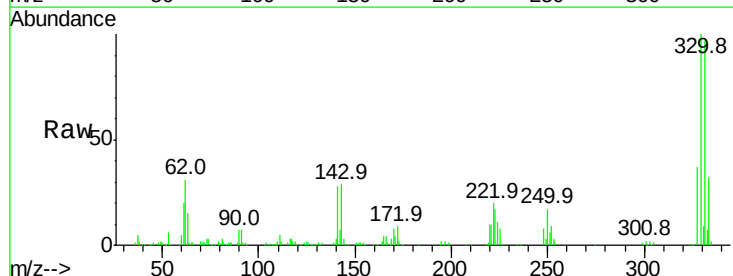
Instrument :
 BNA_G
 ClientSampleId :

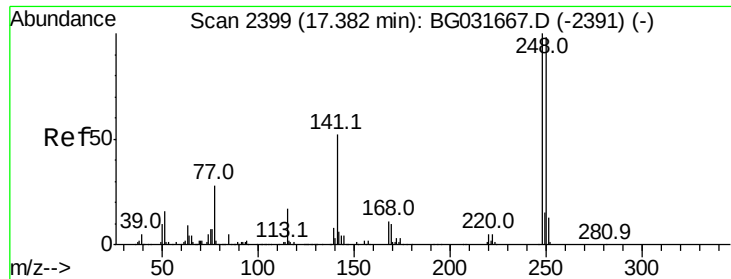
Tot Ion:188 Resp: 373239
 Ion Ratio Lower Upper
 188 100
 94 5.0 6.9 10.3#
 80 5.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.679 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.37 min
 Lab File: BG031892.D
 Acq: 3 Jan 2018 15:59

Tgt Ion:198 Resp: 820
 Ion Ratio Lower Upper
 198 100
 51 57.9 30.6 70.6
 105 74.5 23.8 63.8#

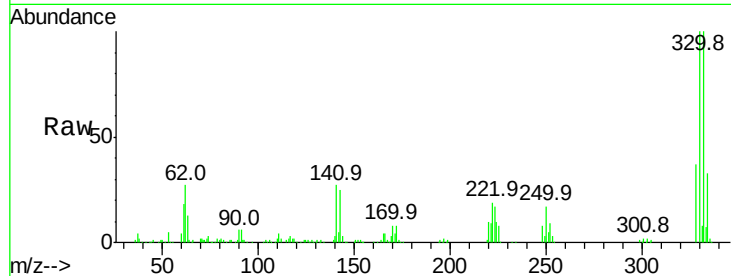




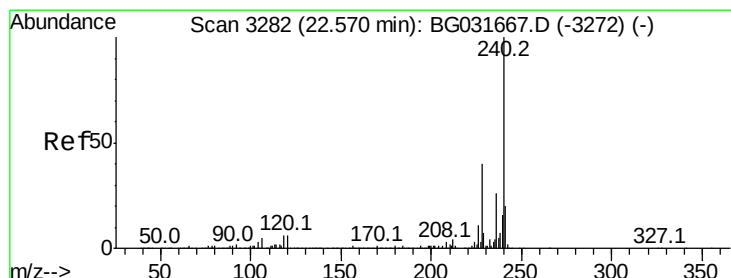
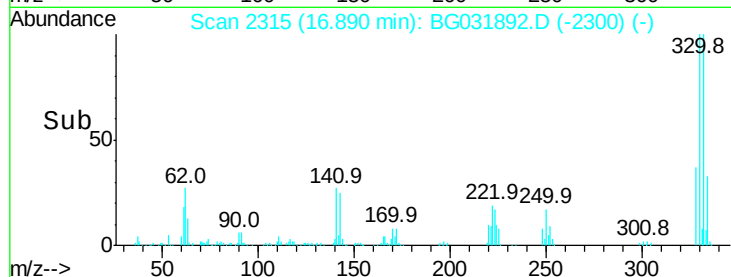
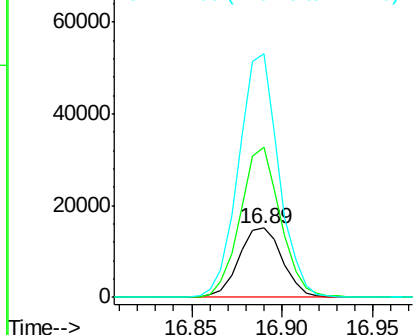
#66
 4-Bromophenyl-phenylether
 Concen: 4.648 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031892.D
 Acq: 3 Jan 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 25087
 Ion Ratio Lower Upper
 248 100
 250 217.5 77.1 115.7#
 141 351.4 50.8 76.2#

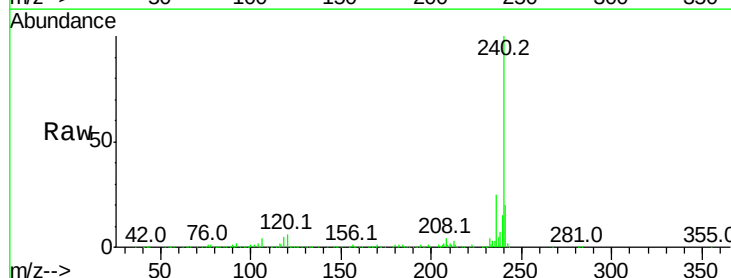


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

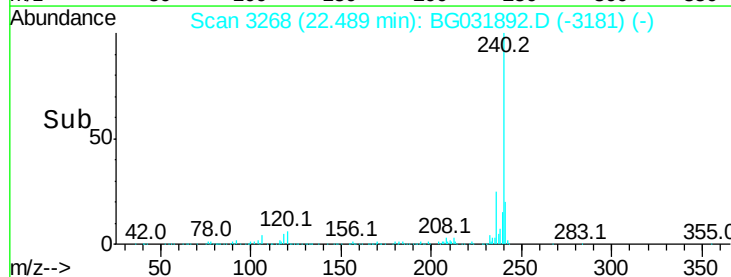
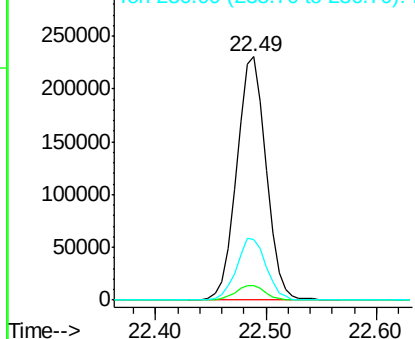


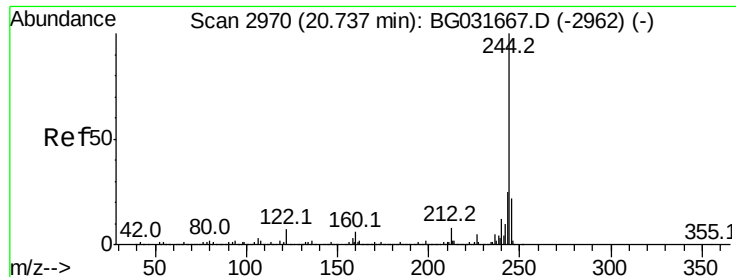
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031892.D
 Acq: 3 Jan 2018 15:59

Tgt Ion:240 Resp: 431091
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 25.1 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: 84.026 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031892.D

Acq: 3 Jan 2018 15:59

Instrument :

BNA_G

ClientSampled :

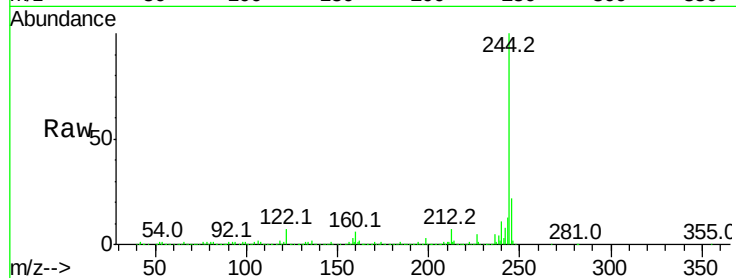
Tot Ion:244 Resp: 1585488

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.1	7.0	10.4

244 100

212 7.3 5.8 8.8

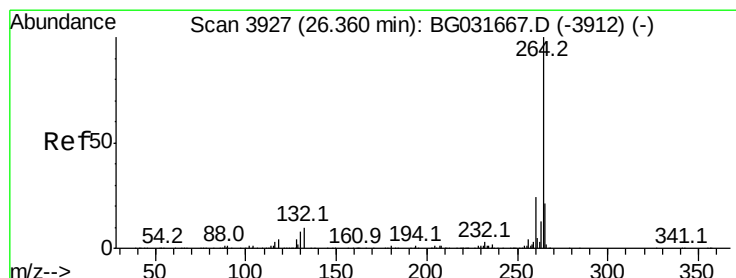
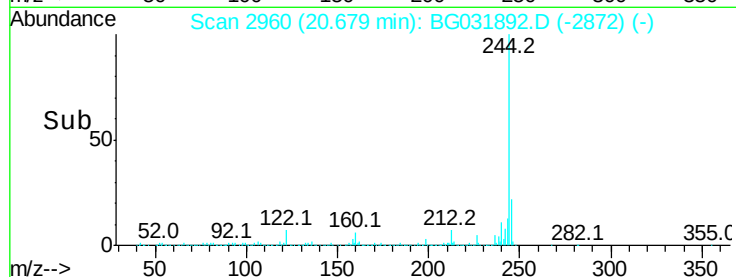
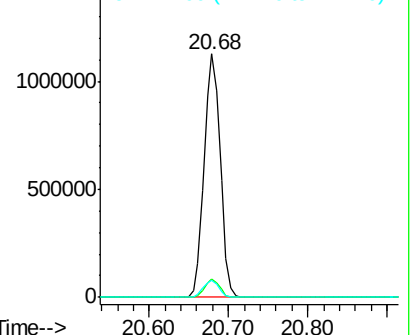
122 7.1 7.0 10.4



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: 20.000 ng

RT: 26.22 min Scan# 3903

Delta R.T. -0.03 min

Lab File: BG031892.D

Acq: 3 Jan 2018 15:59

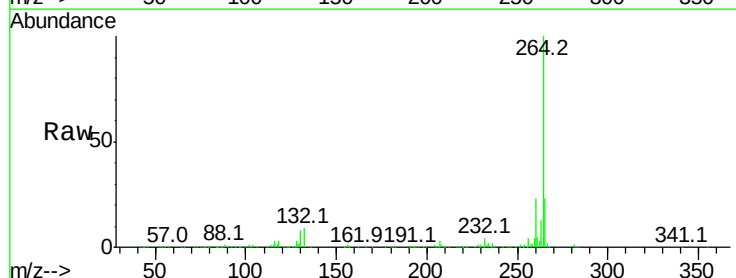
Tgt Ion:264 Resp: 446182

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.7	17.7	26.5

264 100

260 23.3 17.4 26.0

265 22.7 17.7 26.5



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

