

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037943.D
 Acq On : 12 Nov 2018 14:11
 Operator : JU/SJ
 Sample : J5892-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 17:16:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

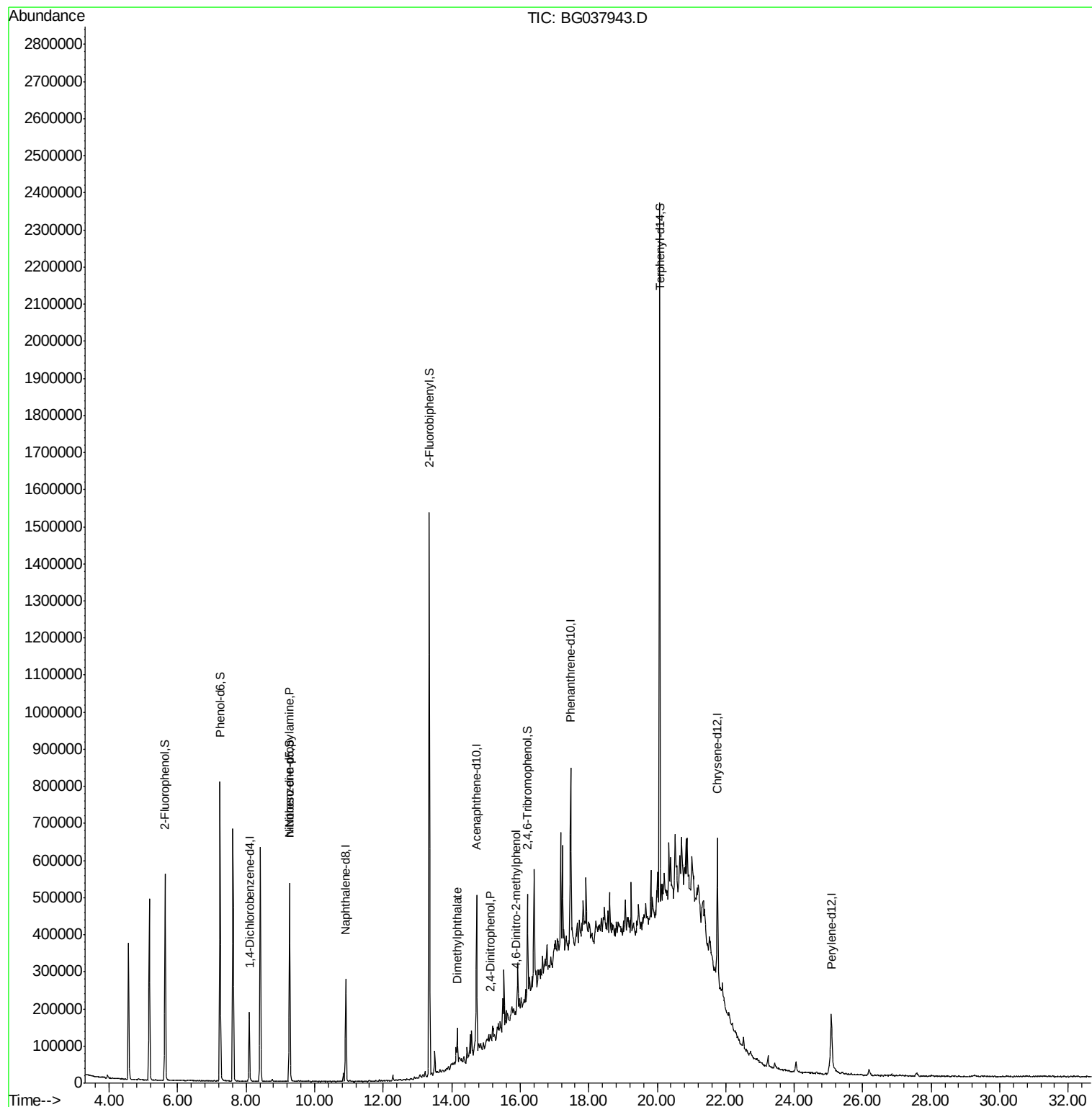
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54890	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	253676	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	152482	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	293682	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	265233	20.00	ng	-0.02
87) Perylene-d12	25.08	264	231141	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	263705	80.32	ng	-0.01
7) Phenol-d6	7.24	99	522267	105.20	ng	-0.01
23) Nitrobenzene-d5	9.27	82	345579	76.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	55244	33.22	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	869479	85.99	ng	-0.02
79) Terphenyl-d14	20.07	244	1006835	81.11	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	43246	12.650	ng	# 73
50) Dimethylphthalate	14.17	163	43101	3.654	ng	# 99
54) 2,4-Dinitrophenol	15.12	184	134	6.331	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.88	198	123	8.573	ng	# 1

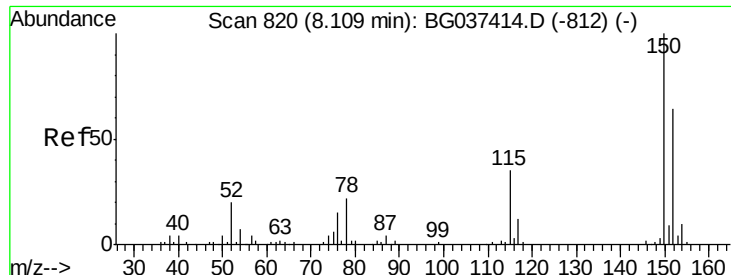
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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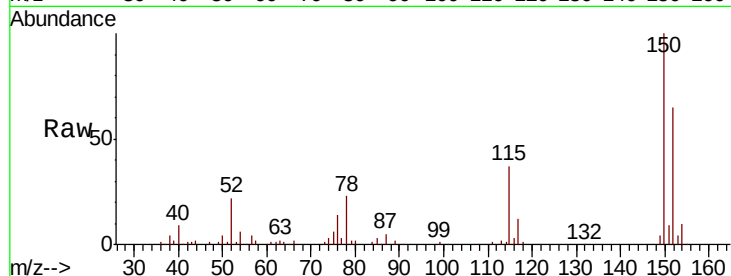


#1

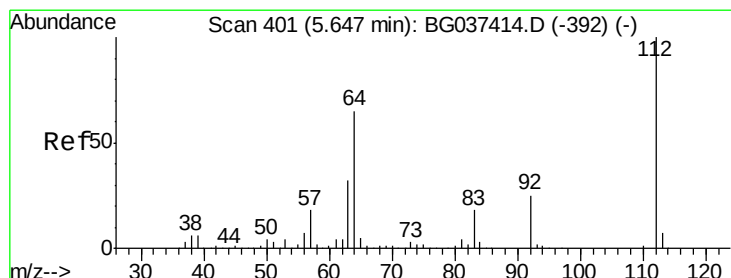
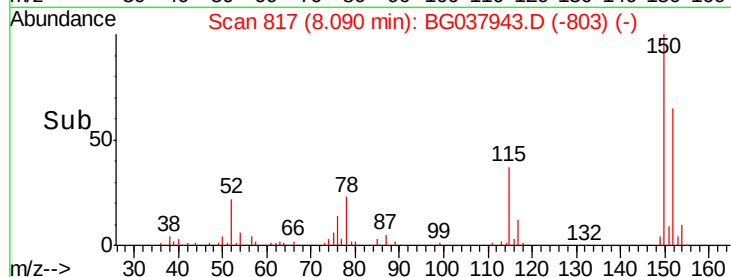
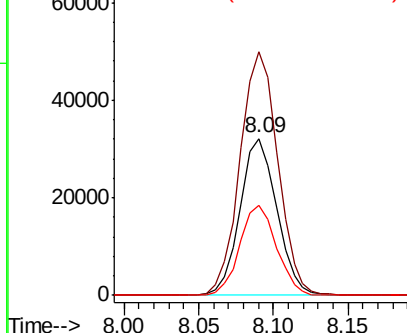
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54890
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 57.4 45.5 68.3



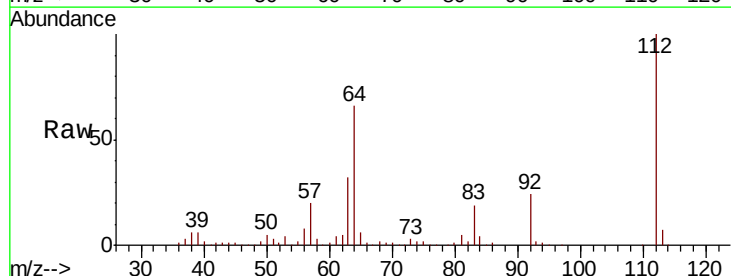
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



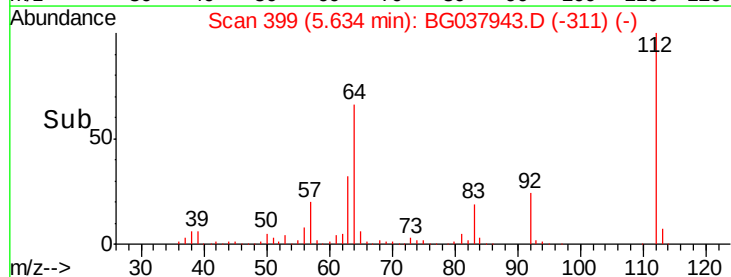
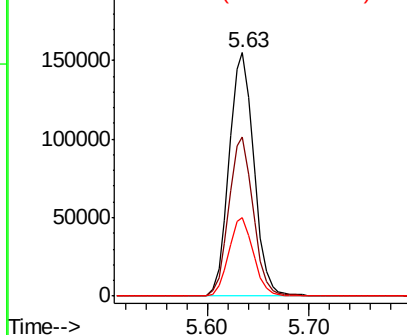
#5

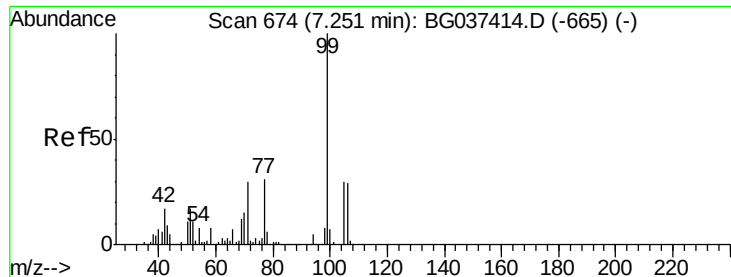
2-Fluorophenol
Concen: 80.320 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Tgt Ion:112 Resp: 263705
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 32.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.199 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

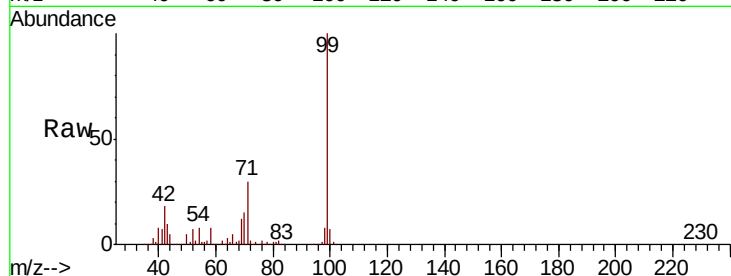
Tot Ion: 99 Resp: 522267

Ion Ratio Lower Upper

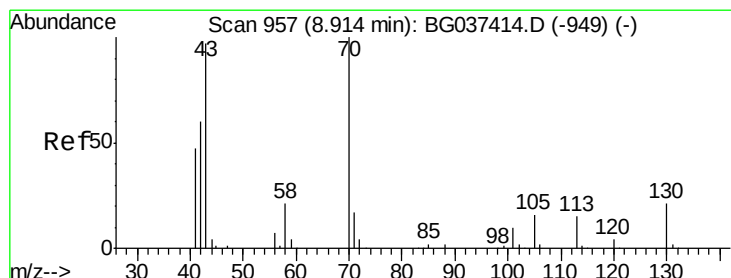
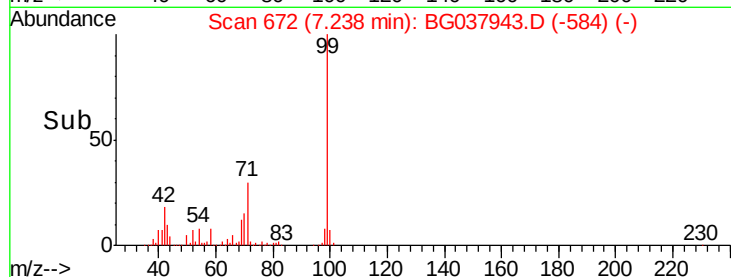
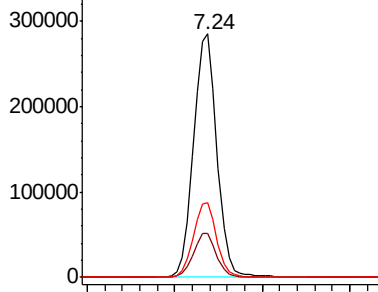
99 100

42 17.9 15.0 22.4

71 30.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.650 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Tgt Ion: 70 Resp: 43246

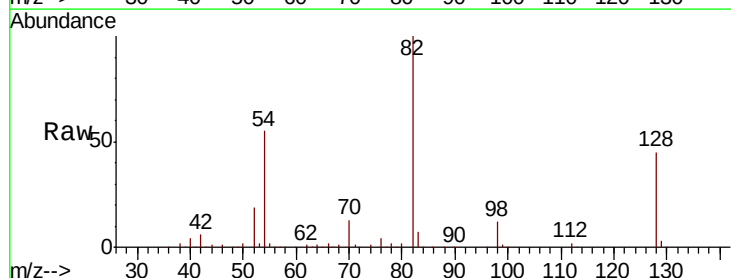
Ion Ratio Lower Upper

70 100

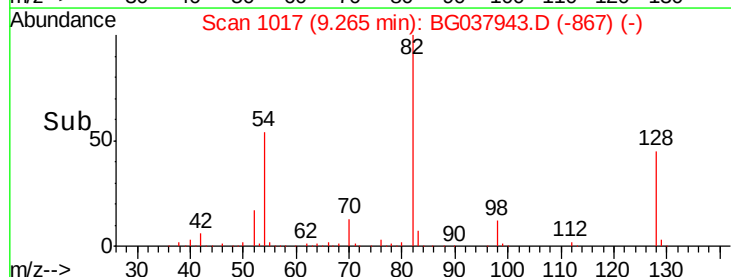
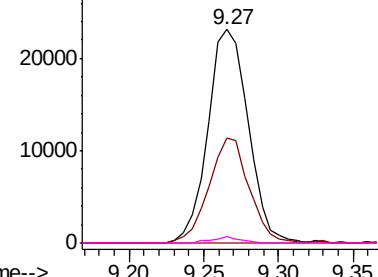
42 49.4 53.9 80.9#

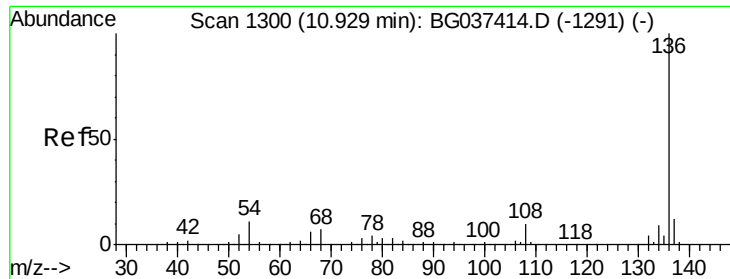
101 0.0 8.2 12.2#

130 2.9 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

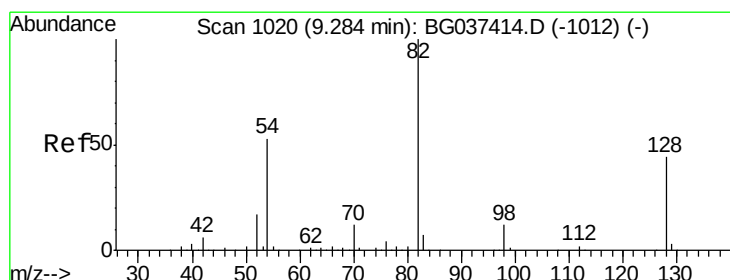
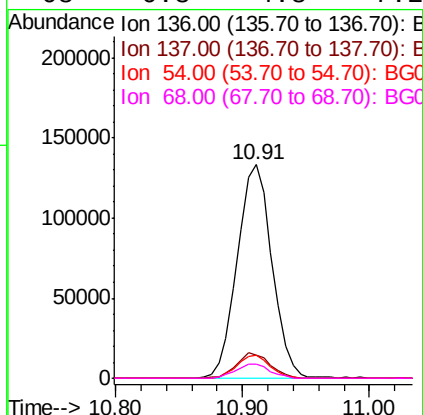
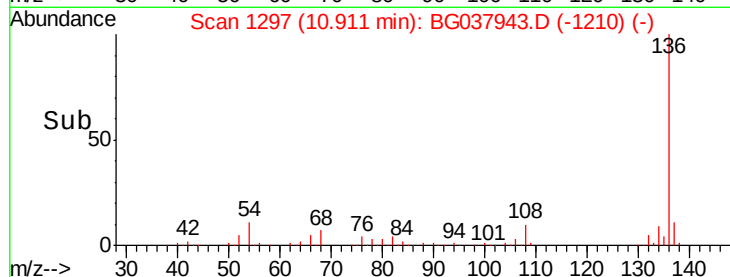
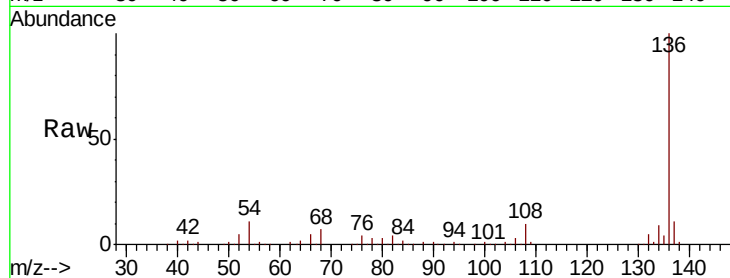




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

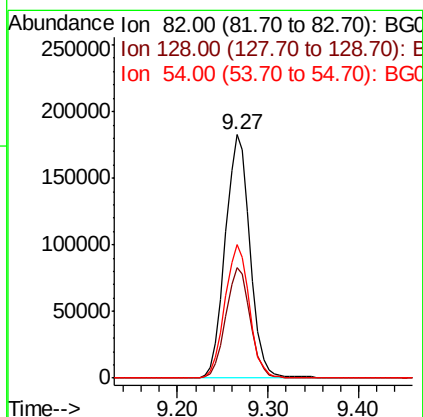
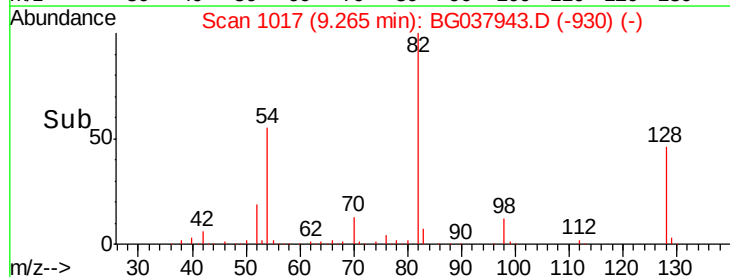
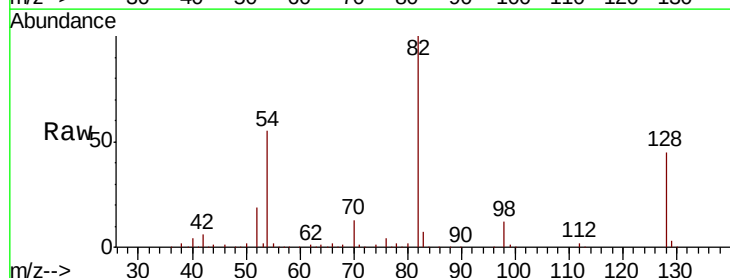
Instrument :
BNA_G
ClientSampleId :

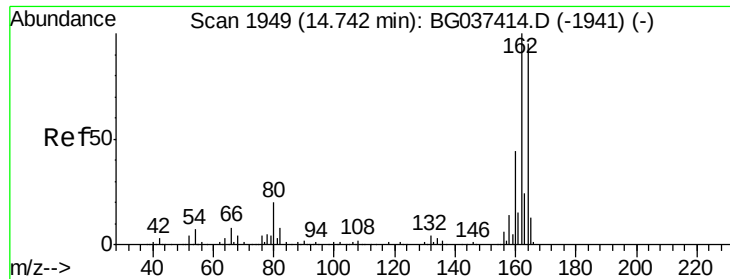
Tot Ion:	136	Resp:	253676
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.7	7.9	11.9
68	6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 76.314 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Tgt Ion:	82	Resp:	345579
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	54.6	45.3	67.9

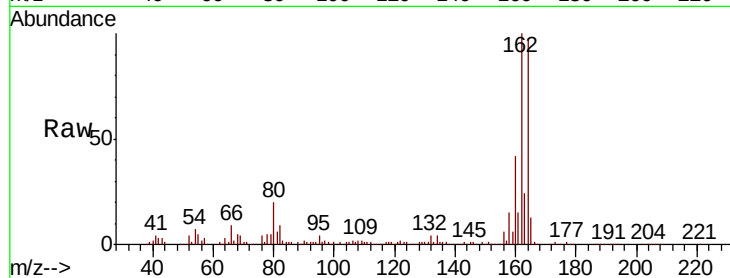




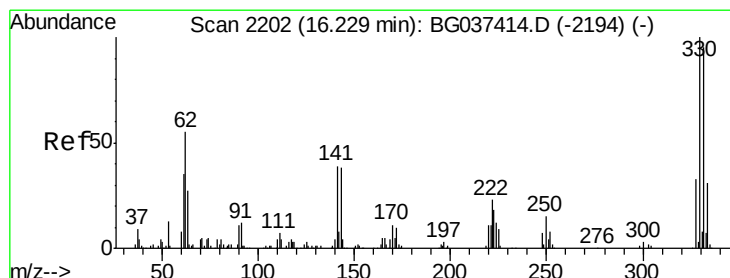
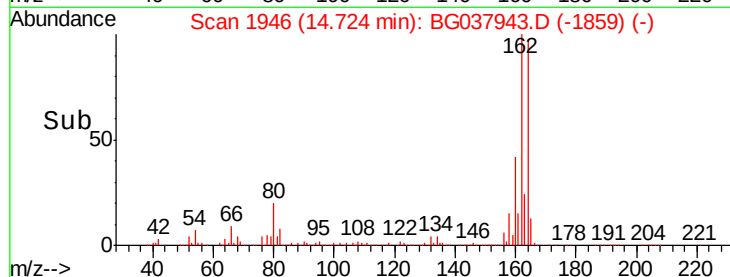
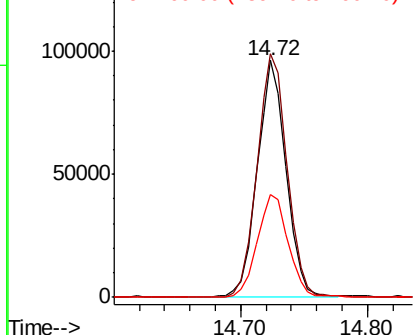
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037943.D
 Acq: 12 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 152482
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.3 121.9
 160 43.6 36.3 54.5

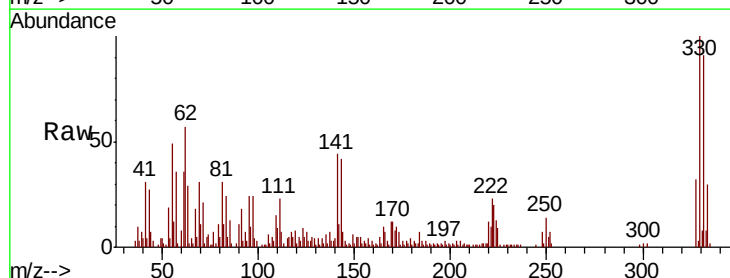


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

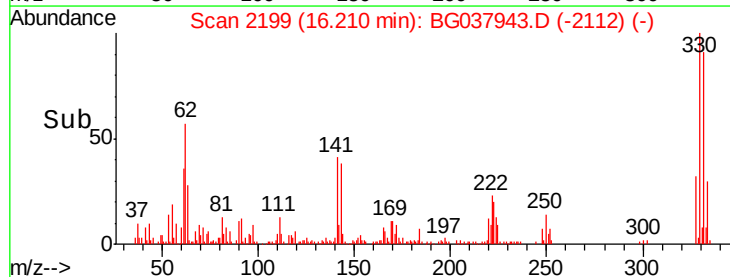
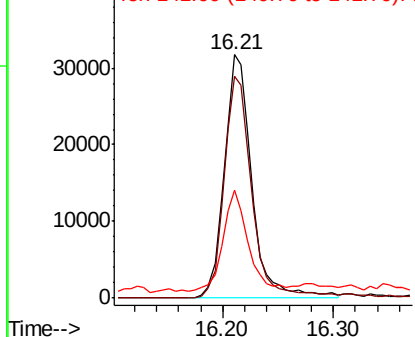


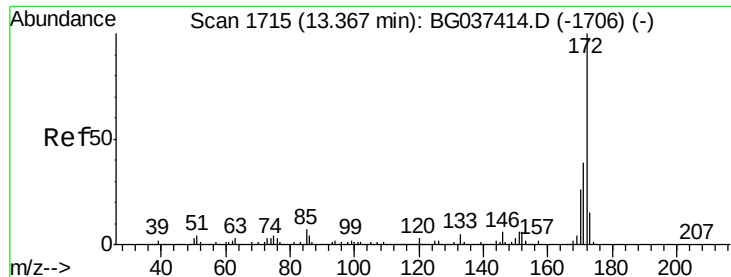
#42
 2,4,6-Tribromophenol
 Concen: 33.217 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG037943.D
 Acq: 12 Nov 2018 14:11

Tgt Ion:330 Resp: 55244
 Ion Ratio Lower Upper
 330 100
 332 93.5 78.4 117.6
 141 37.2 32.2 48.2



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

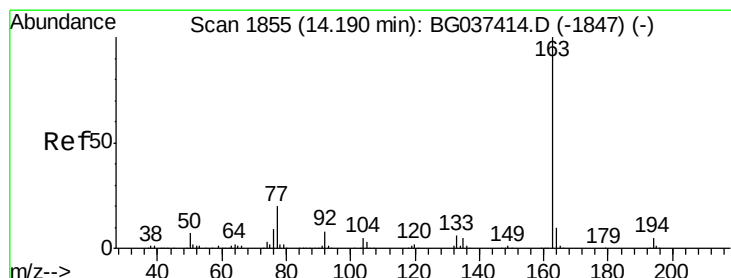
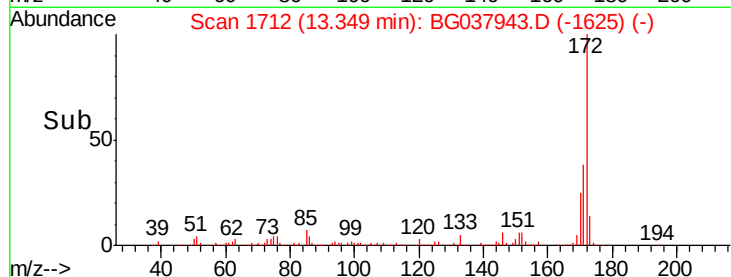
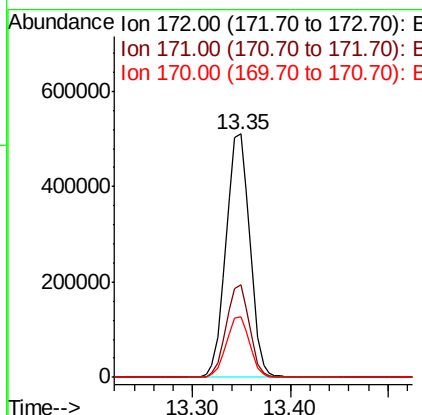
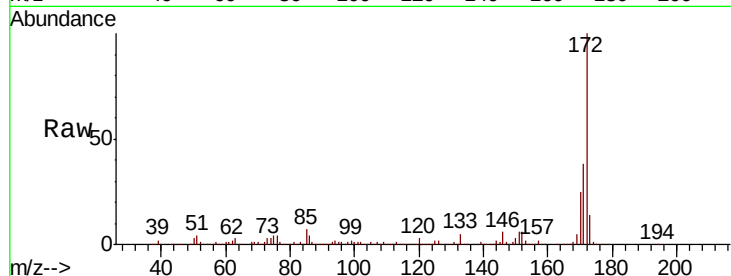




#45
2-Fluorobiphenyl
Concen: 85.986 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

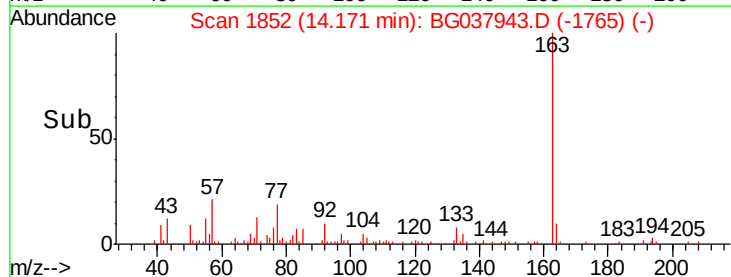
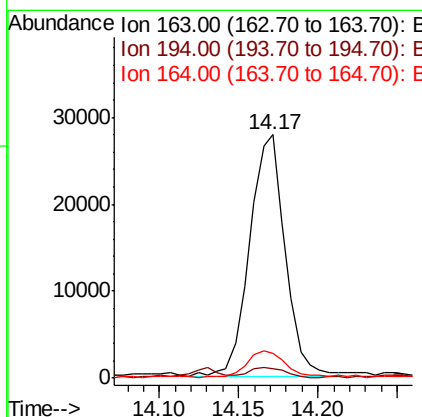
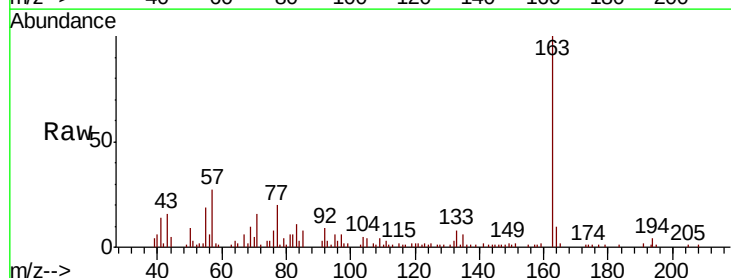
Instrument :
BNA_G
ClientSampleId :

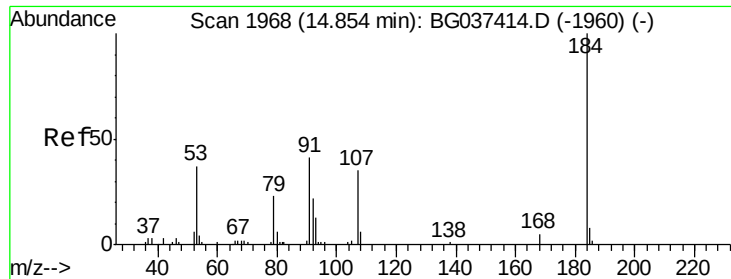
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.7	20.2	30.2



#50
Dimethylphthalate
Concen: 3.654 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037943.D
Acq: 12 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.2	8.5	12.7

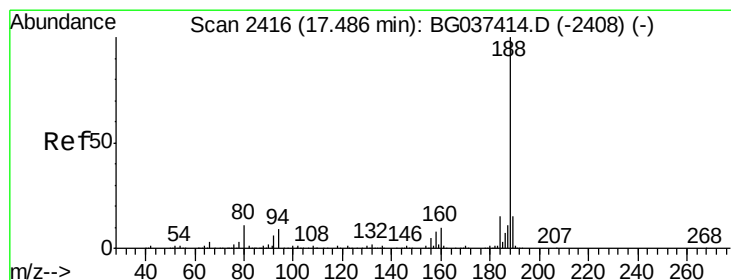
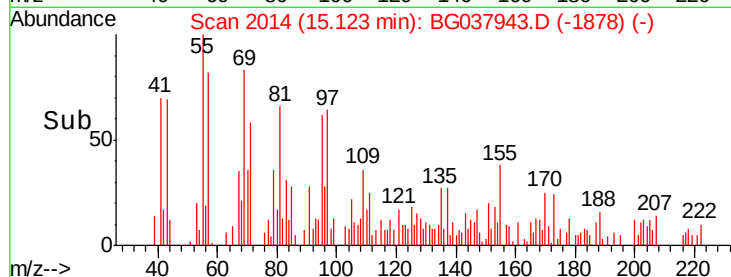
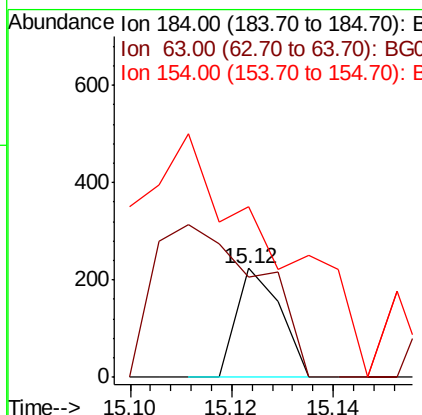
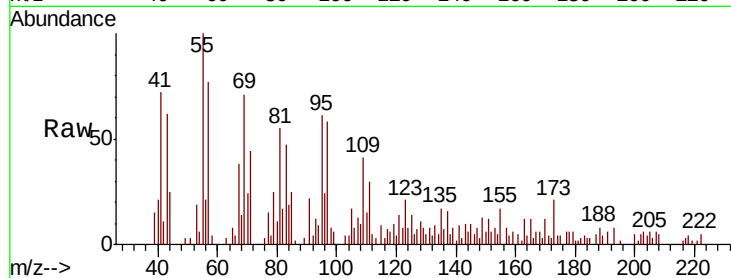




#54
 2,4-Dinitrophenol
 Concen: 6.331 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. 0.27 min
 Lab File: BG037943.D
 Acq: 12 Nov 2018 14:11

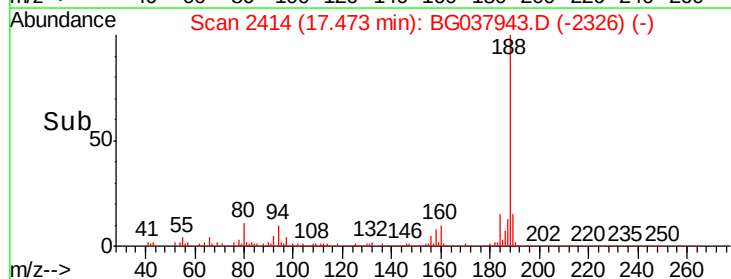
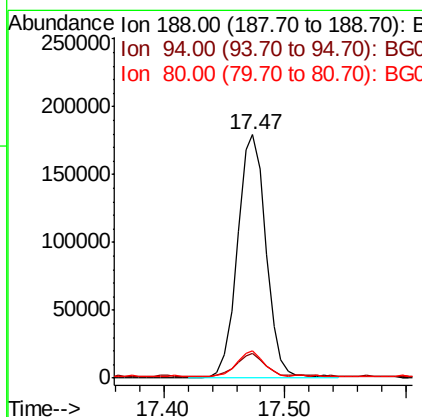
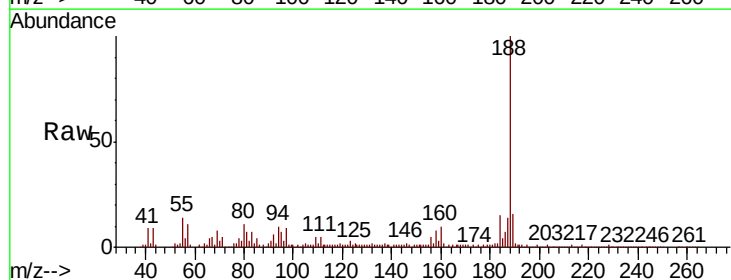
Instrument :
 BNA_G
 ClientSampled :

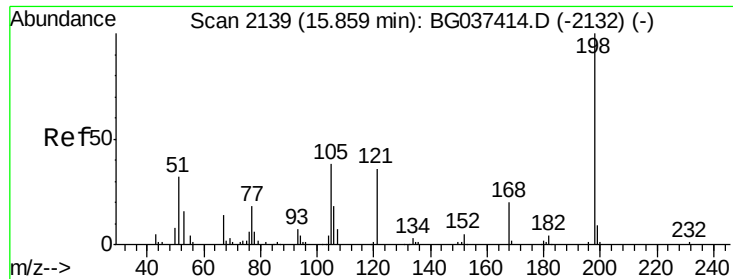
Tot Ion:184 Resp: 134
 Ion Ratio Lower Upper
 184 100
 63 91.5 42.6 63.8#
 154 156.3 41.8 62.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037943.D
 Acq: 12 Nov 2018 14:11

Tgt Ion:188 Resp: 293682
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.2 10.8
 80 11.3 7.7 11.5

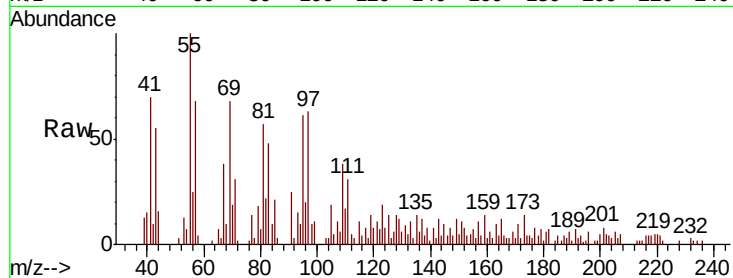




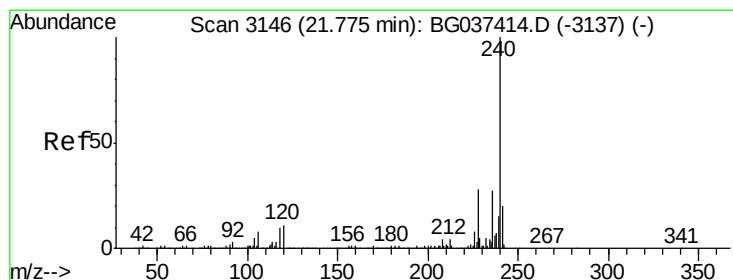
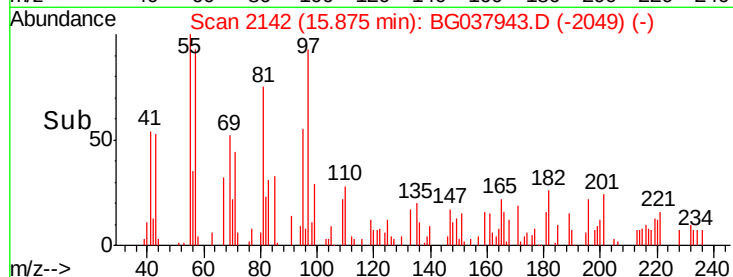
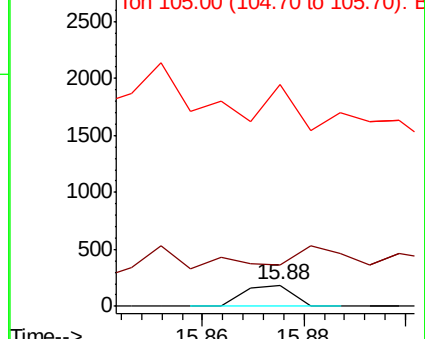
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.573 ng
 RT: 15.88 min Scan# 2142
 Delta R.T. 0.02 min
 Lab File: BG037943.D
 Acq: 12 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 123
 Ion Ratio Lower Upper
 198 100
 51 193.6 22.7 62.7#
 105 1039.0 19.7 59.7#

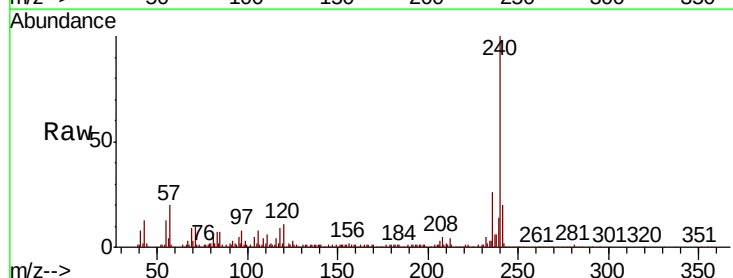


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

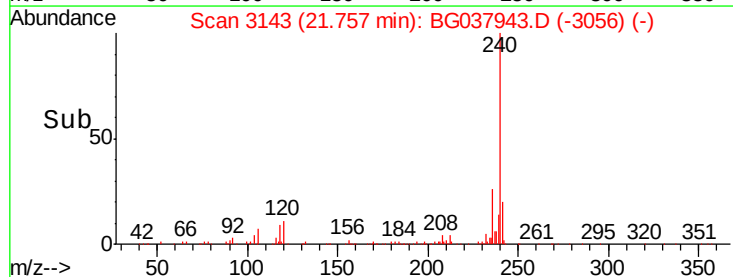
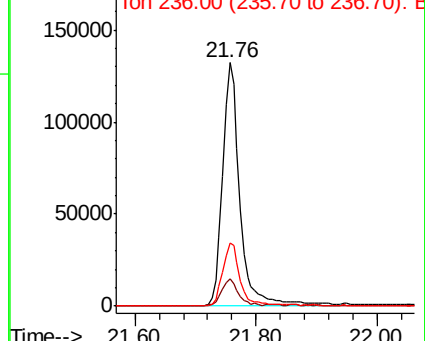


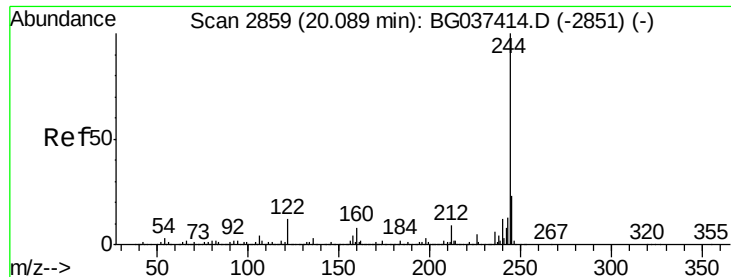
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037943.D
 Acq: 12 Nov 2018 14:11

Tgt Ion:240 Resp: 265233
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 25.9 21.4 32.0



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





#79

Terphenyl-d14

Concen: 81.112 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

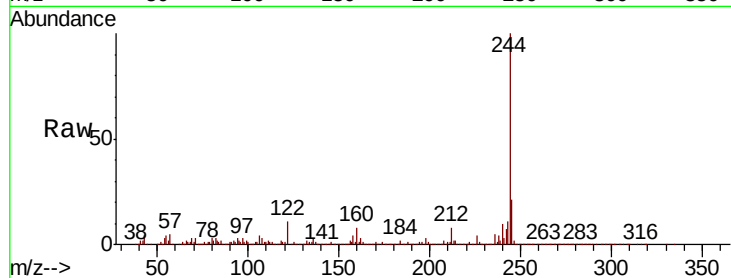
Tot Ion:244 Resp: 1006835

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

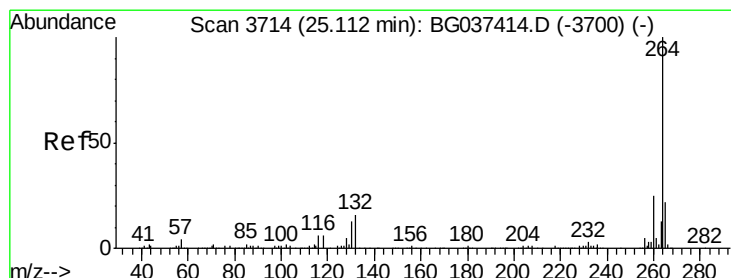
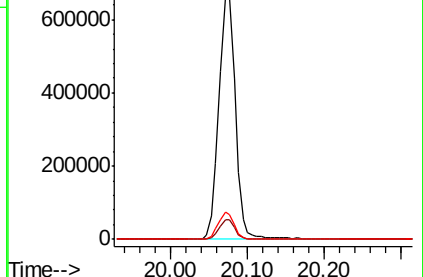
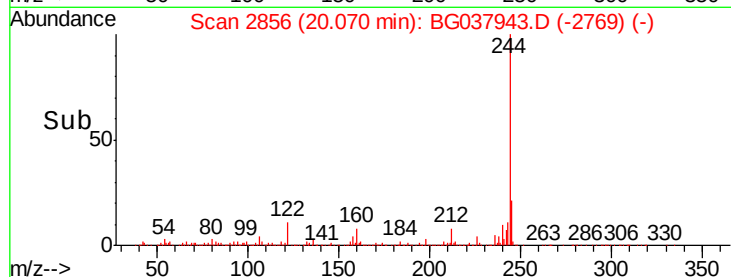
122 11.3 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037943.D

Acq: 12 Nov 2018 14:11

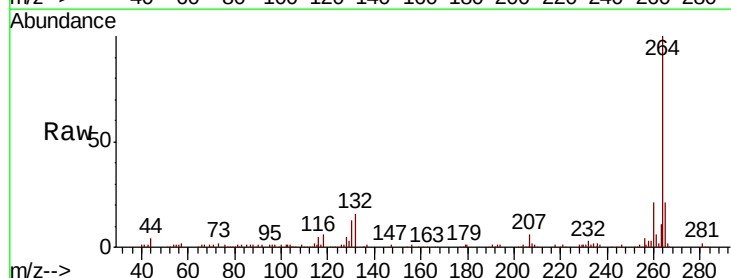
Tgt Ion:264 Resp: 231141

Ion Ratio Lower Upper

264 100

260 20.9 18.2 27.4

265 21.2 17.9 26.9



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

