

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036513.D
 Acq On : 31 Aug 2018 19:47
 Operator : JU/SJ
 Sample : PB112535BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 01:03:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

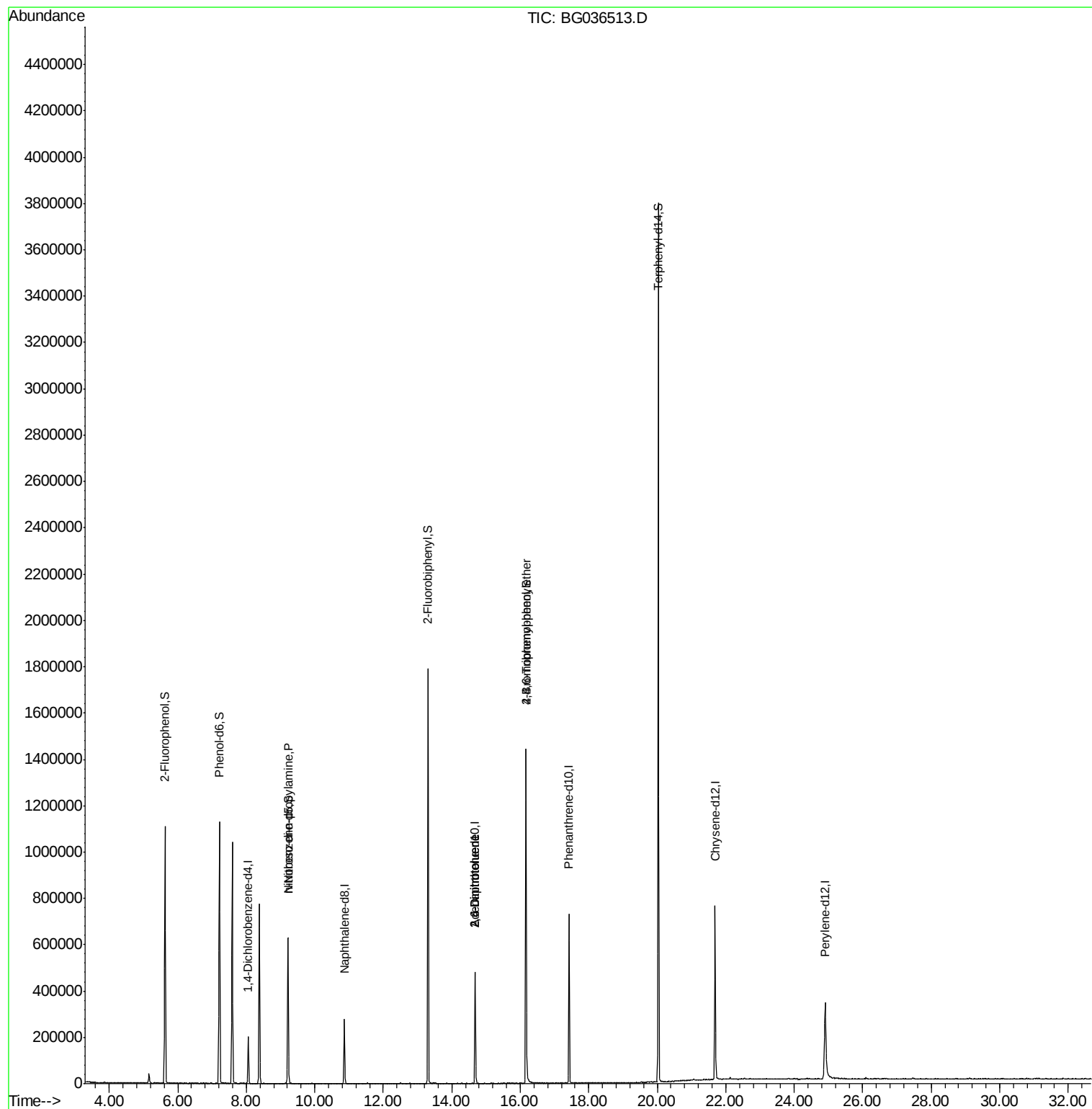
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58411	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	243173	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	165914	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	455191	20.00	ng	0.00
75) Chrysene-d12	21.69	240	487797	20.00	ng	0.00
86) Perylene-d12	24.90	264	453400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	467065	126.84	ng	0.00
7) Phenol-d6	7.21	99	651405	123.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	385832	86.09	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	278835	140.85	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	943410	81.19	ng	0.00
78) Terphenyl-d14	20.03	244	1678622	80.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	51700	13.121	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	21414	7.681	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	21414	5.894	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	19680	3.693	ng	# 1

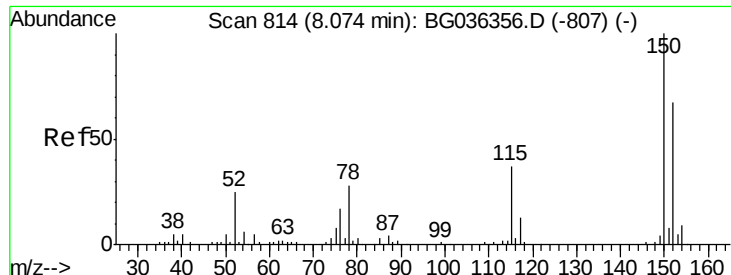
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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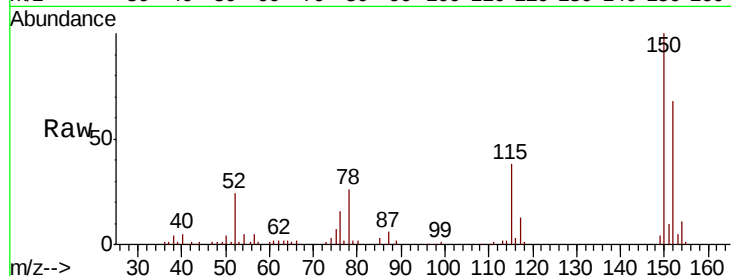




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	119.5	179.3
115	56.3	44.5	66.7

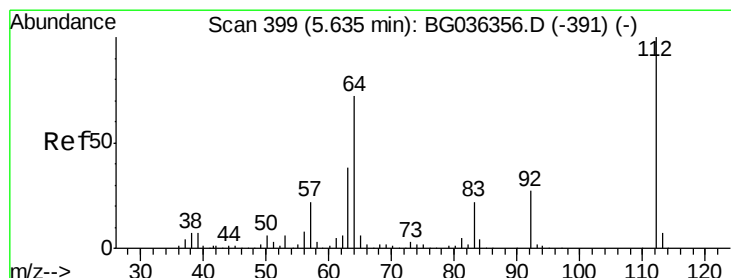
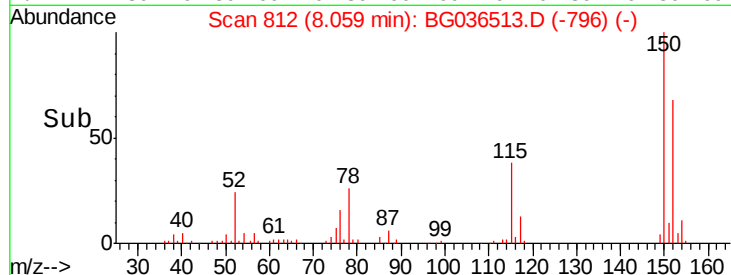
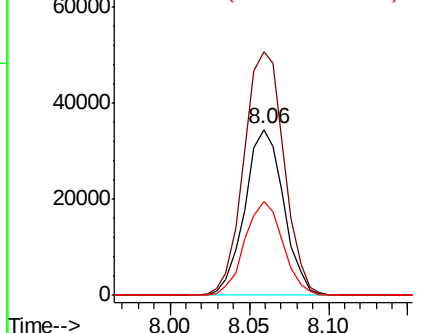


Abundance

Ion 152.00 (151.70 to 152.70): E

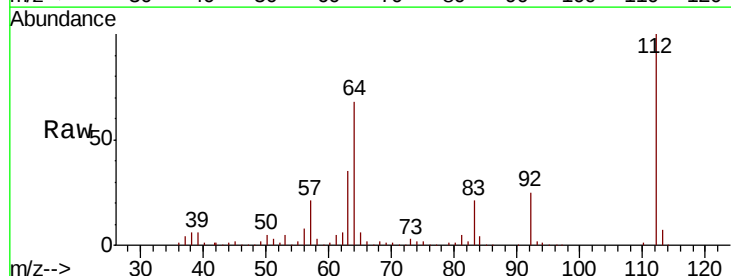
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 126.843 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	35.0	30.8	46.2

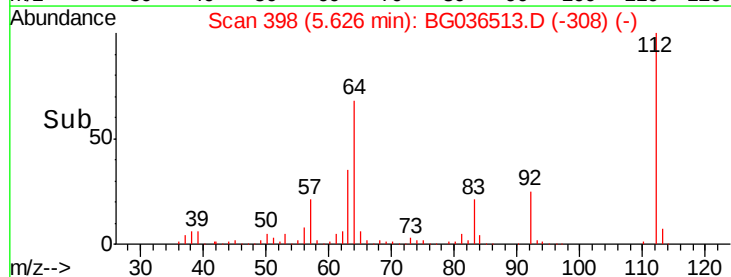
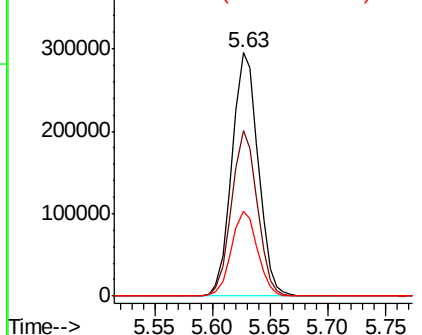


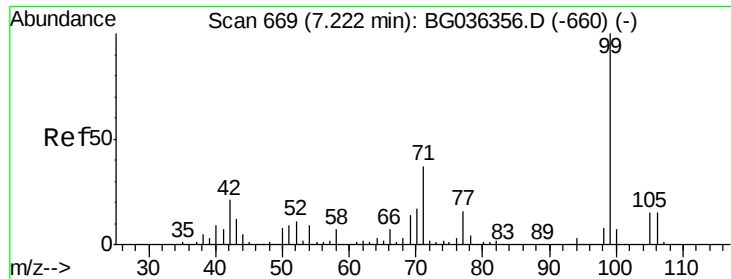
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.558 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036513.D

Acq: 31 Aug 2018 19:47

Instrument :

BNA_G

ClientSampled :

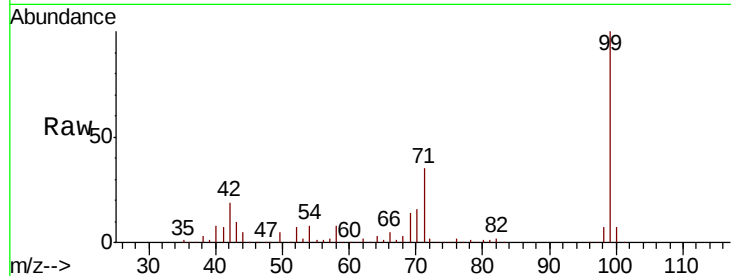
Tot Ion: 99 Resp: 651405

Ion Ratio Lower Upper

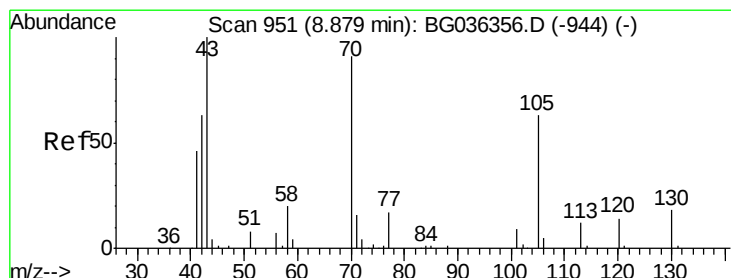
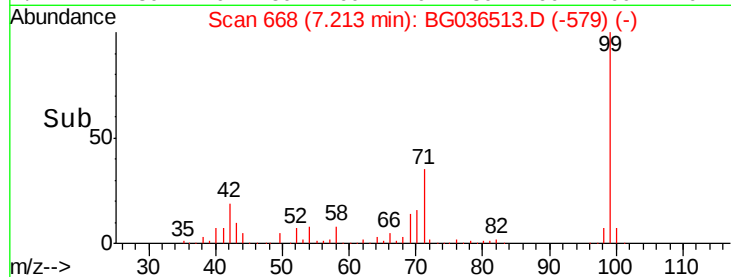
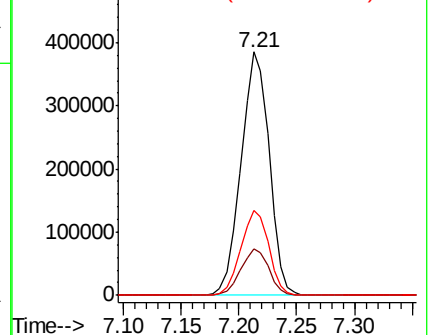
99 100

42 19.1 16.5 24.7

71 35.1 29.4 44.2



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: 13.121 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036513.D

Acq: 31 Aug 2018 19:47

Tgt Ion: 70 Resp: 51700

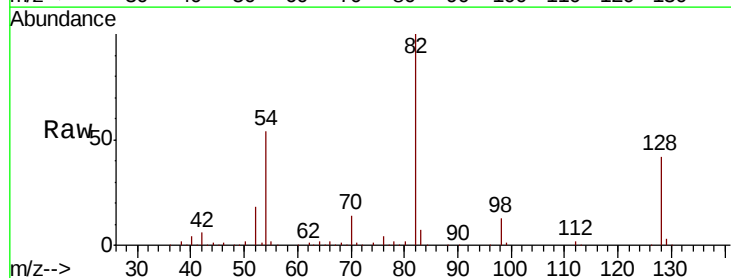
Ion Ratio Lower Upper

70 100

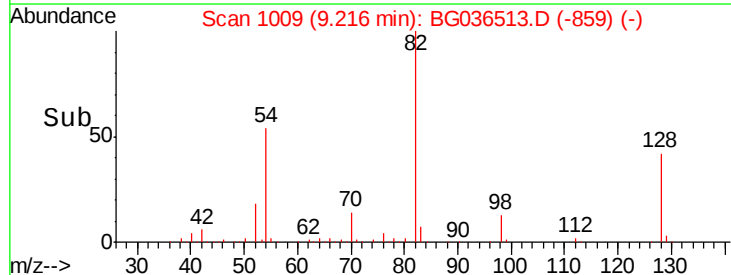
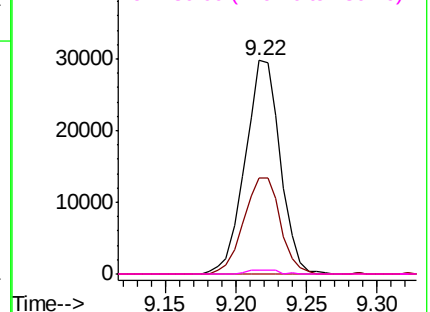
42 45.2 56.2 84.4#

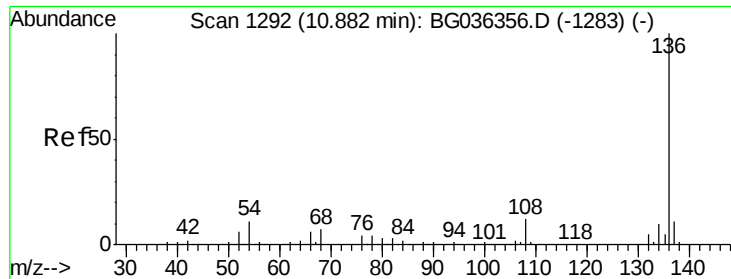
101 0.0 7.8 11.6#

130 2.0 16.2 24.2#



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

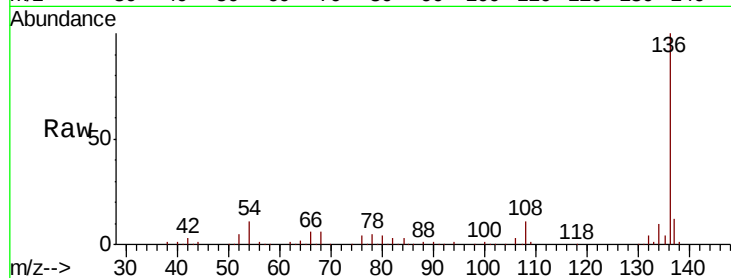




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036513.D
Acq: 31 Aug 2018 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	243173
Ion	Ratio	Lower Upper
136	100	
137	11.9	8.8 13.2
54	10.5	9.2 13.8
68	6.3	5.8 8.6



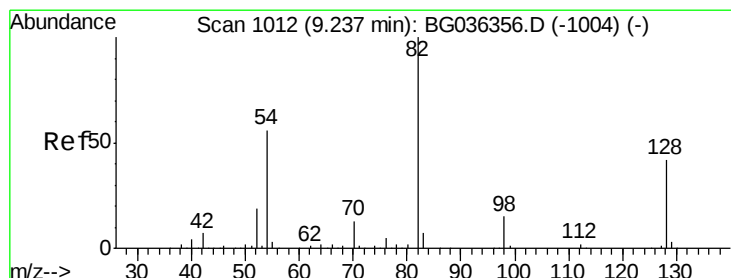
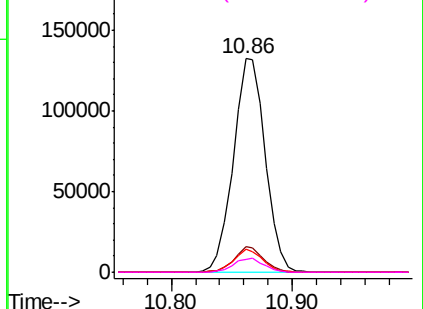
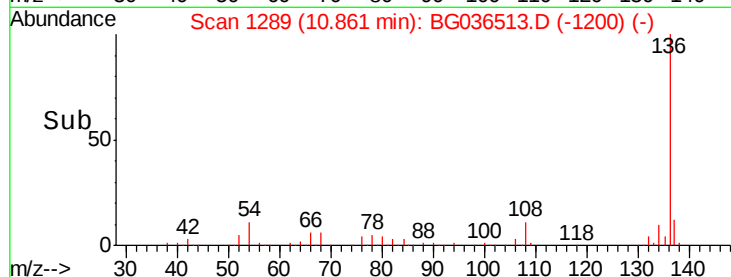
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

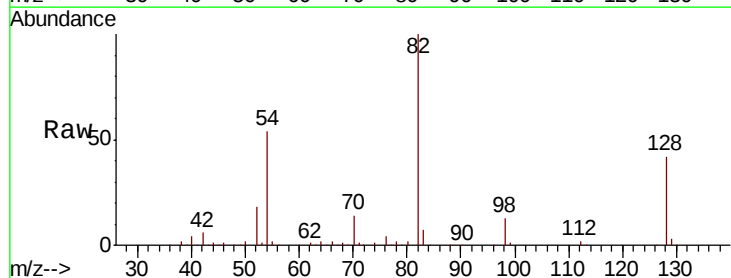
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 86.087 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036513.D
Acq: 31 Aug 2018 19:47

Tgt Ion: 82	Resp:	385832
Ion	Ratio	Lower Upper
82	100	
128	41.7	33.3 49.9
54	53.5	45.1 67.7

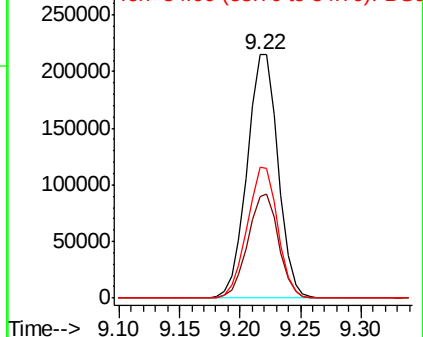
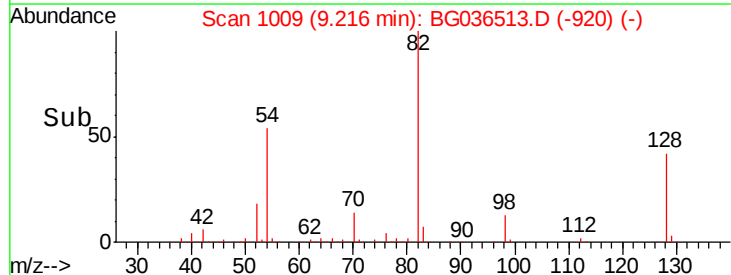


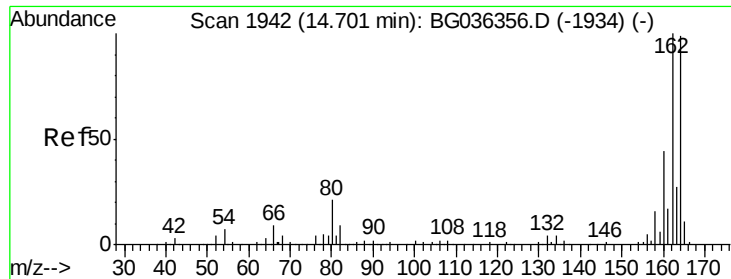
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036513.D

Acq: 31 Aug 2018 19:47

Instrument :

BNA_G

ClientSampleId :

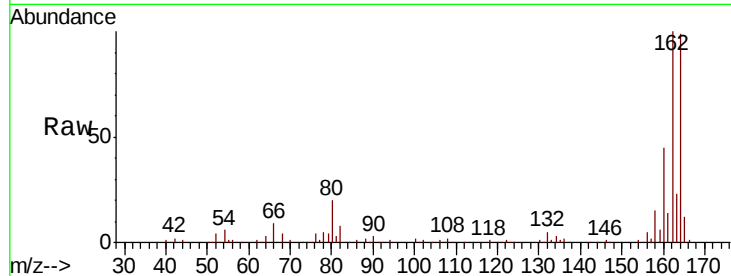
Tot Ion:164 Resp: 165914

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

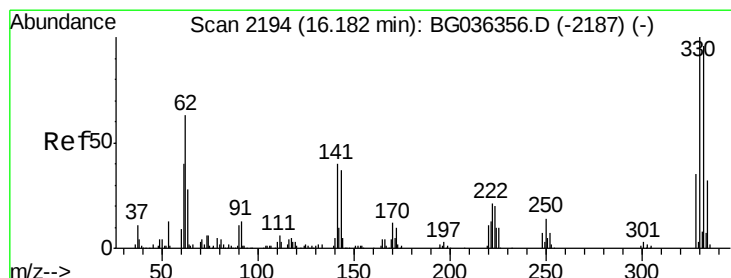
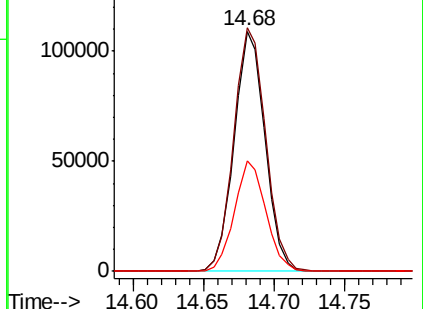
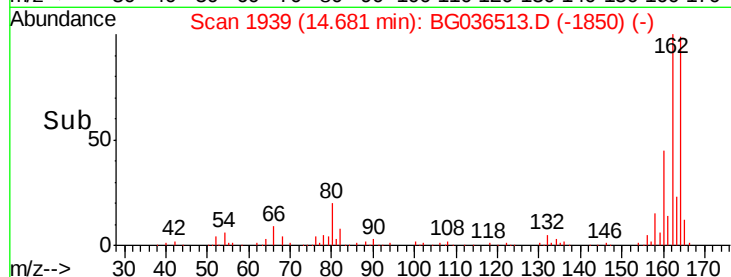
160 45.9 35.3 52.9



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: 140.845 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036513.D

Acq: 31 Aug 2018 19:47

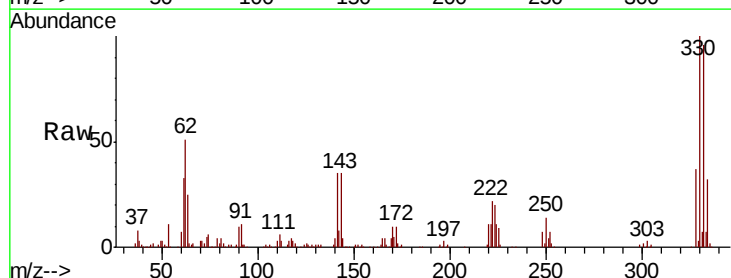
Tgt Ion:330 Resp: 278835

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

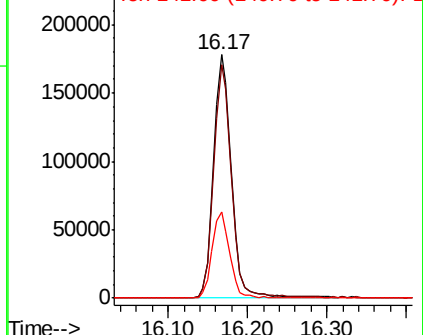
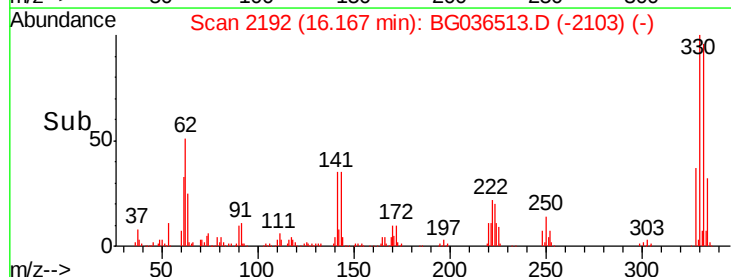
141 35.0 30.7 46.1

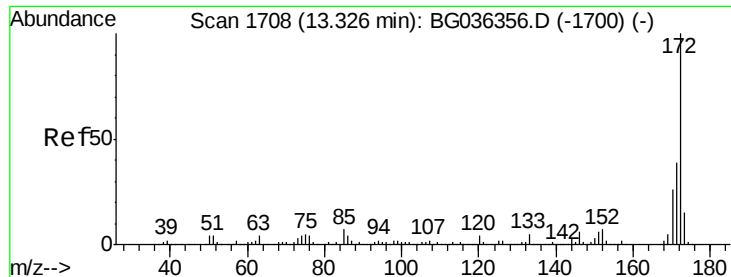


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

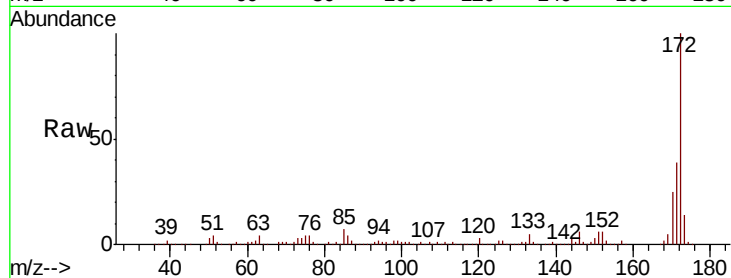




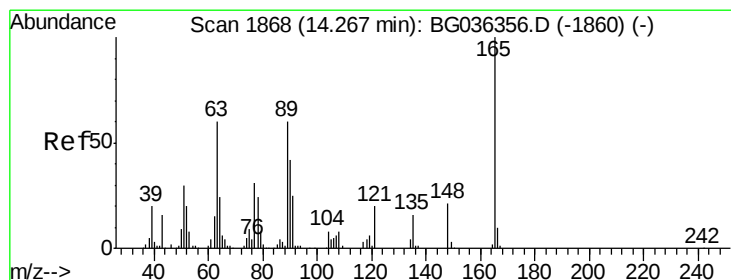
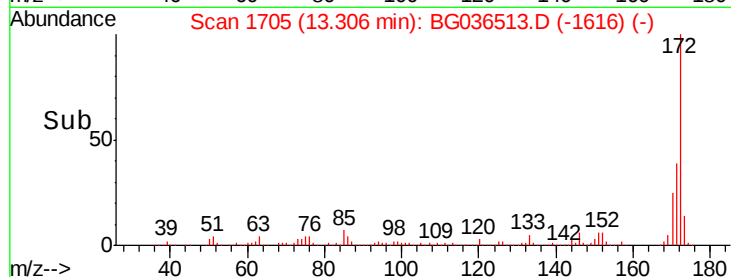
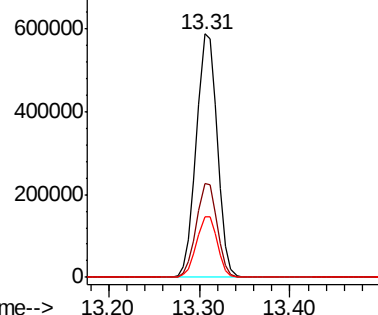
#44
 2-Fluorobiphenyl
 Concen: 81.188 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 943410
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 24.8 21.0 31.6

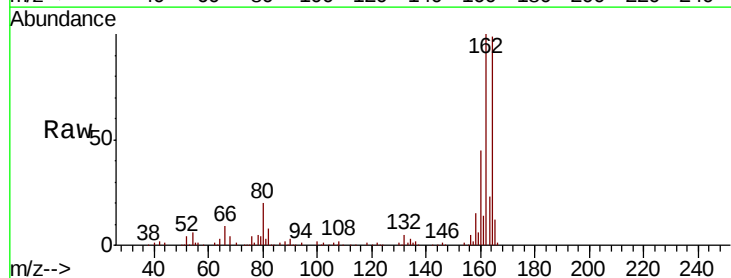


Abundance Ion 172.00 (171.70 to 172.70): E
 800000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

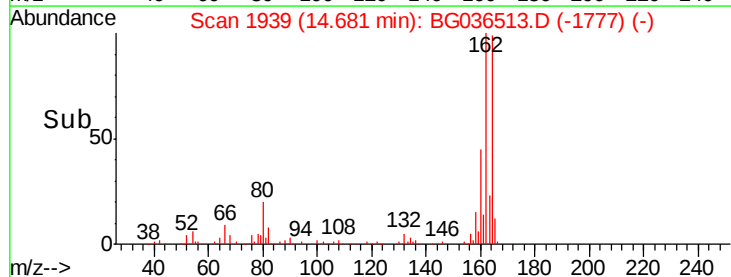
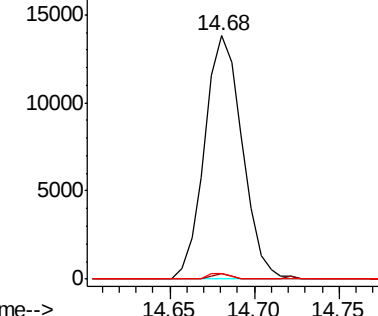


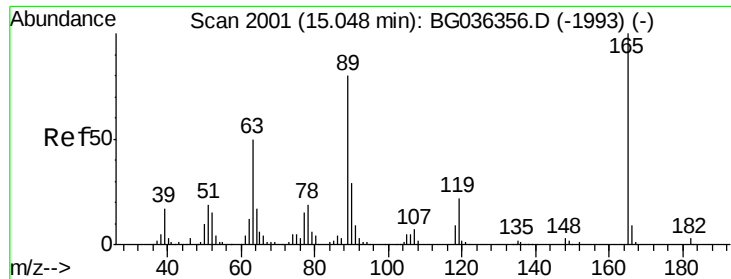
#50
 2,6-Dinitrotoluene
 Concen: 7.681 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Tgt Ion:165 Resp: 21414
 Ion Ratio Lower Upper
 165 100
 63 2.4 50.1 75.1#
 89 2.1 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

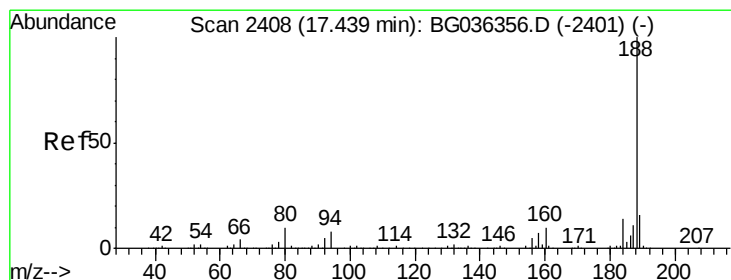
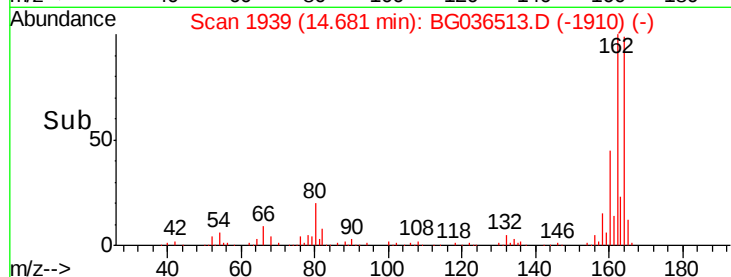
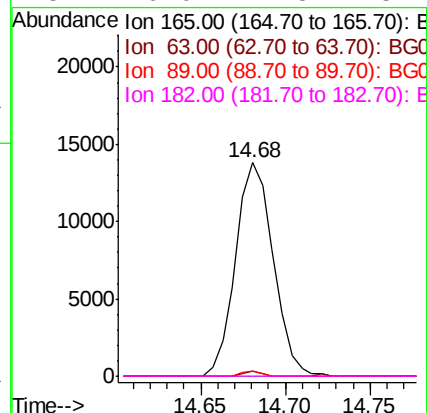
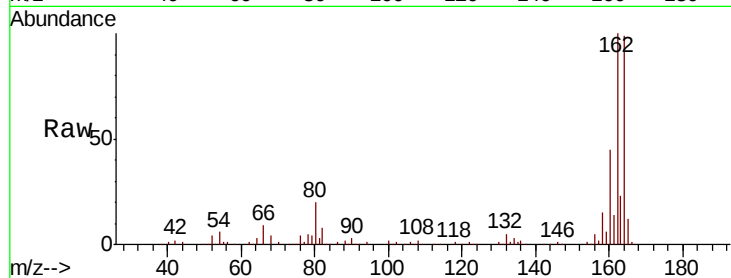




#56
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

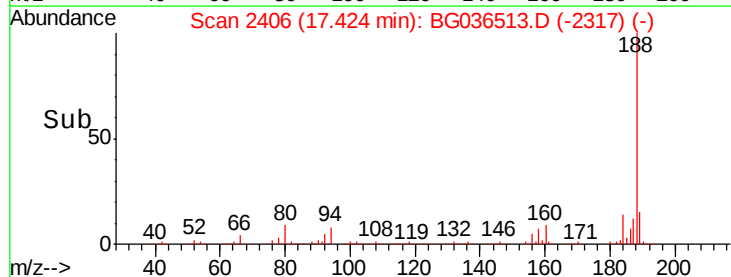
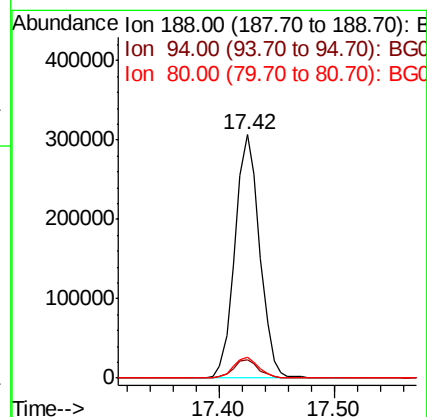
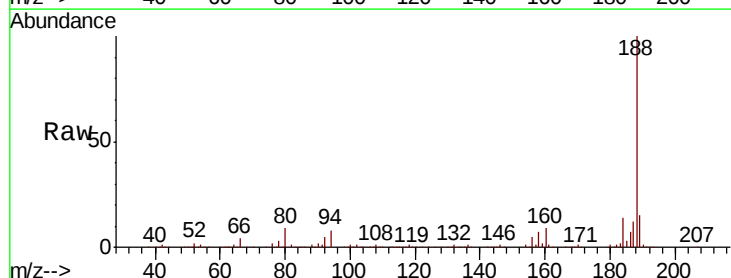
Instrument :
 BNA_G
 ClientSampleId :

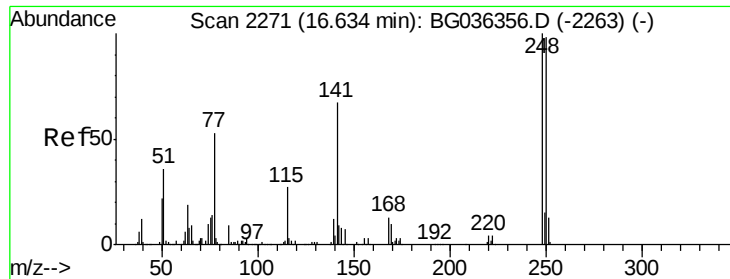
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.6	8.1	12.1

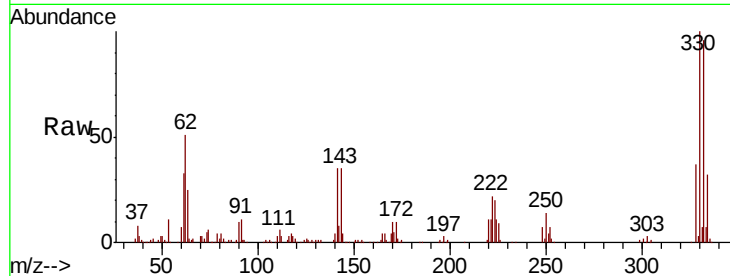




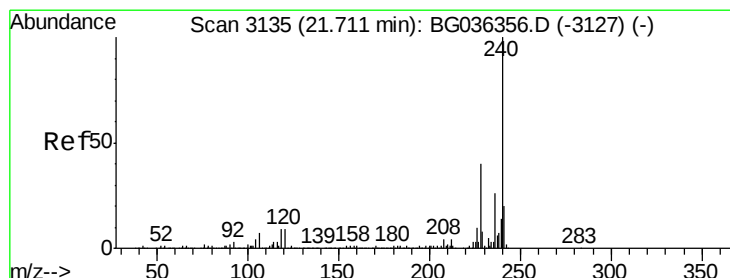
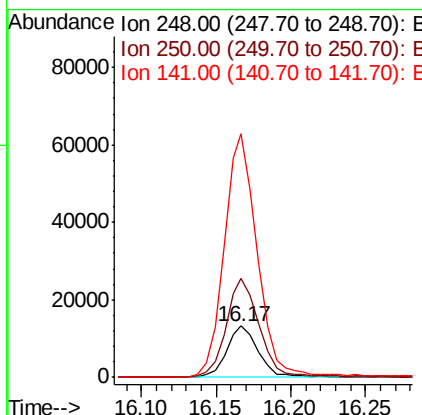
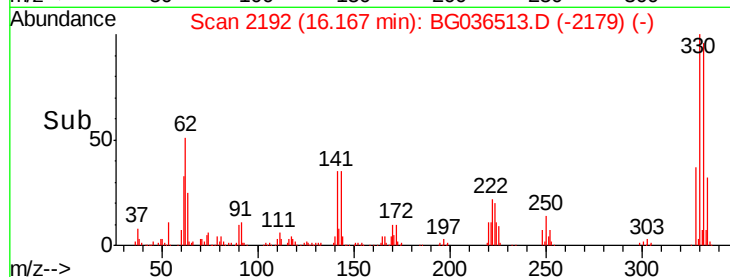
#66
4-Bromophenyl-phenylether
Concen: 3.693 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036513.D
Acq: 31 Aug 2018 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19680
Ion Ratio Lower Upper
248 100
250 191.3 78.1 117.1#
141 472.3 53.7 80.5#

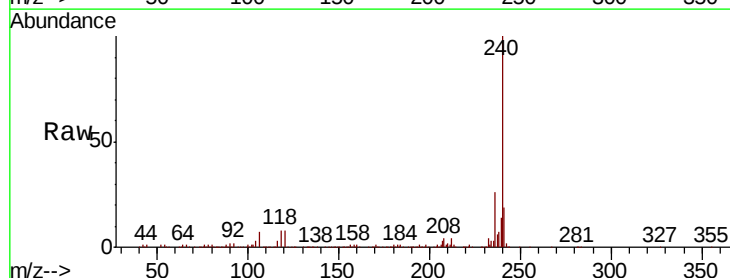


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

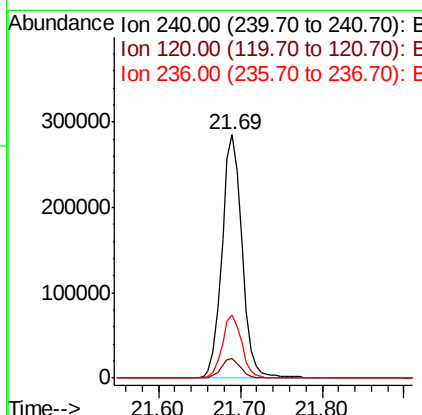
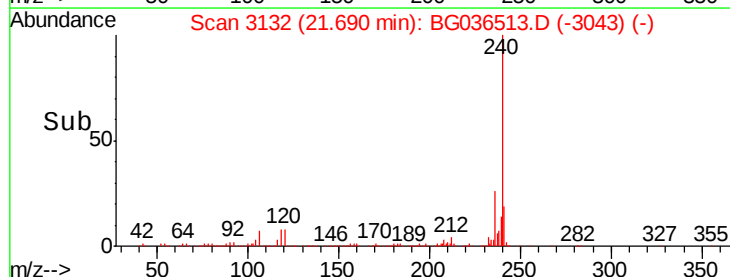


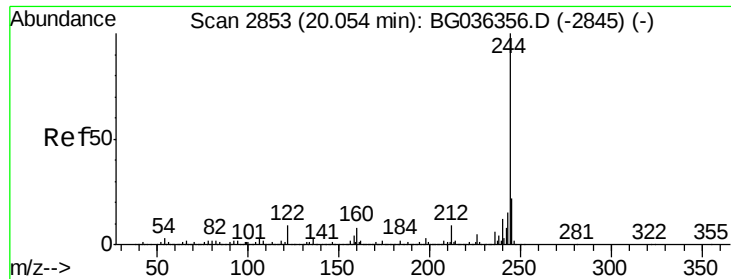
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036513.D
Acq: 31 Aug 2018 19:47

Tgt Ion:240 Resp: 487797
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.8 21.2 31.8



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



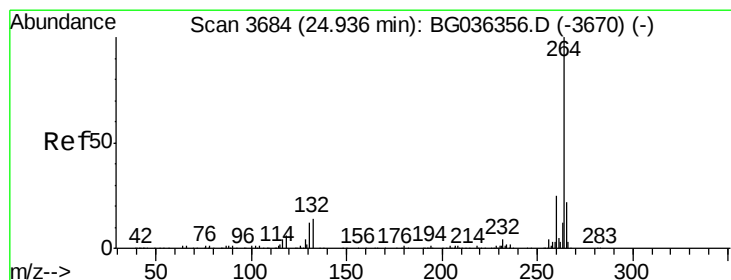
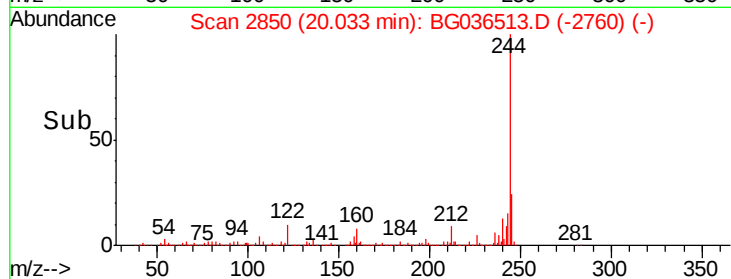
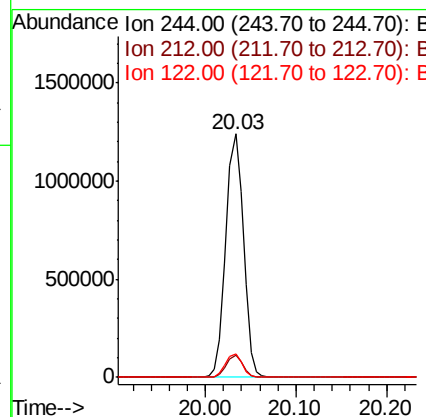
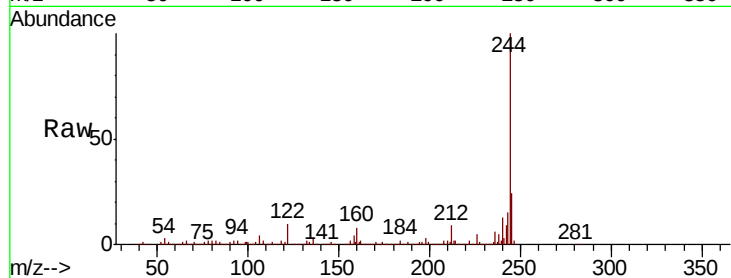


#78
 Terphenyl-d14
 Concen: 80.433 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1678622

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036513.D
 Acq: 31 Aug 2018 19:47

Tgt Ion:264 Resp: 453400

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.4	17.4	26.0

