

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033964.D
 Acq On : 24 Apr 2018 21:20
 Operator : SJ/JU
 Sample : J2512-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:03:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

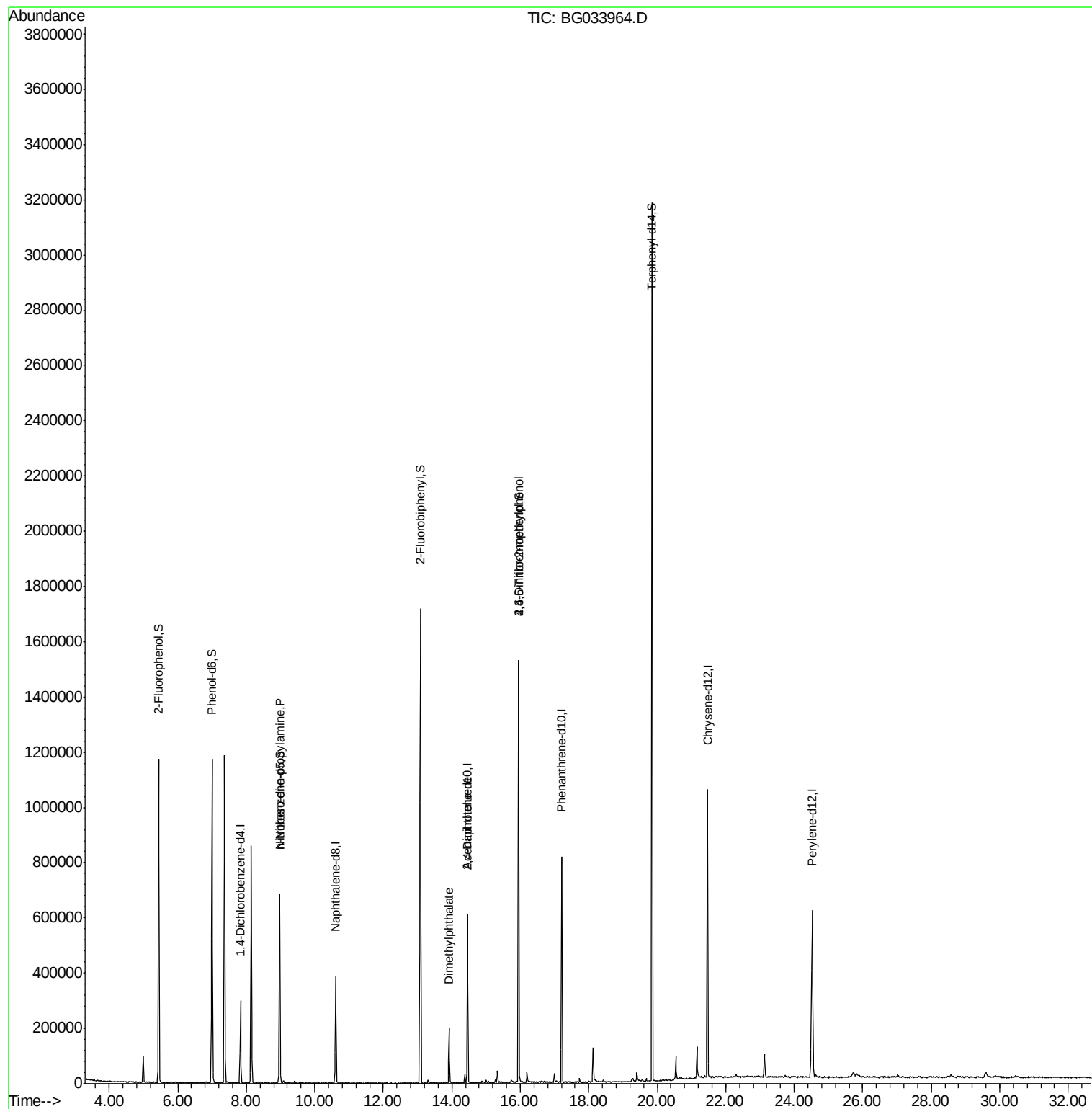
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	80855	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	332637	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	204885	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	521163	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	603202	20.00	ng	-0.02
86) Perylene-d12	24.52	264	616235	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	512242	101.15	ng	0.00
7) Phenol-d6	7.00	99	674561	91.32	ng	0.00
23) Nitrobenzene-d5	8.98	82	410226	70.18	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	275140	115.11	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	892753	64.01	ng	-0.02
78) Terphenyl-d14	19.84	244	1480804	55.15	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1379	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	56363	8.951 ng	#	80
49) Dimethylphthalate	13.92	163	126464	7.017 ng	#	99
56) 2,4-Dinitrotoluene	14.46	165	27080	5.962 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.95	198	2756	7.439 ng	#	70

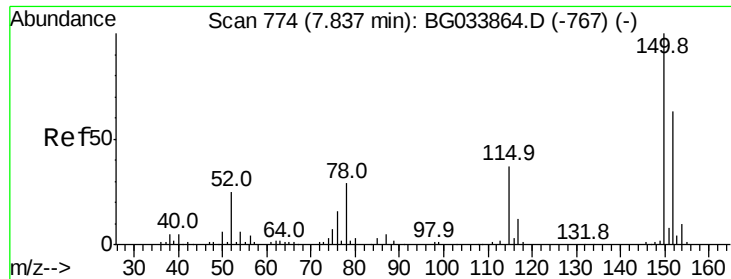
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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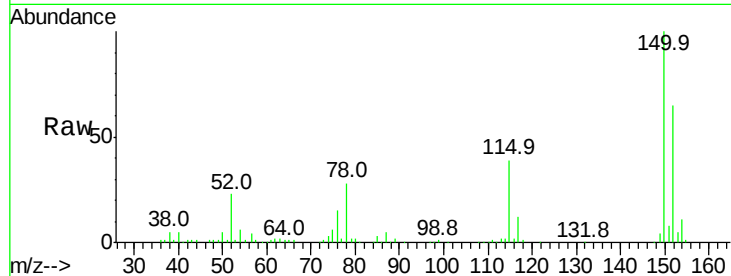


#1

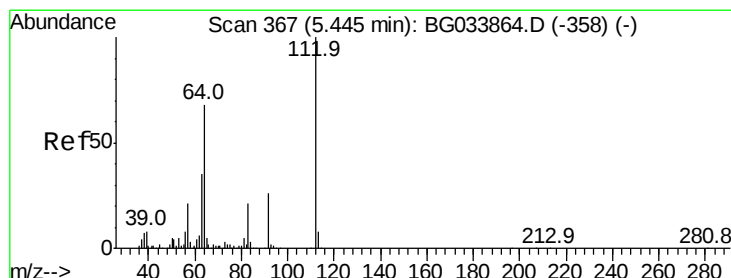
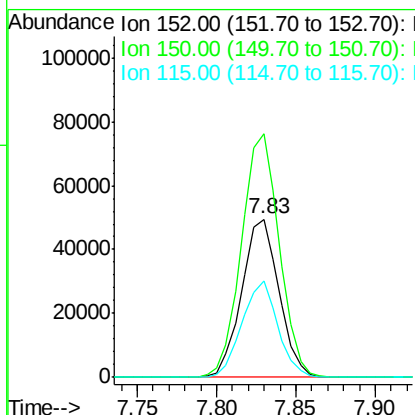
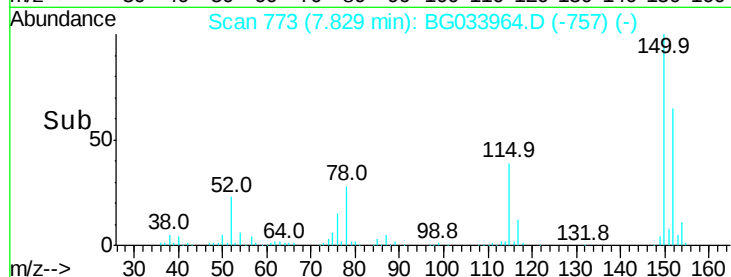
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 80855
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 60.7 53.0 79.4



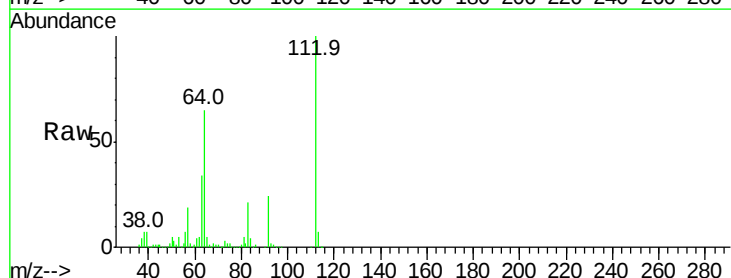
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



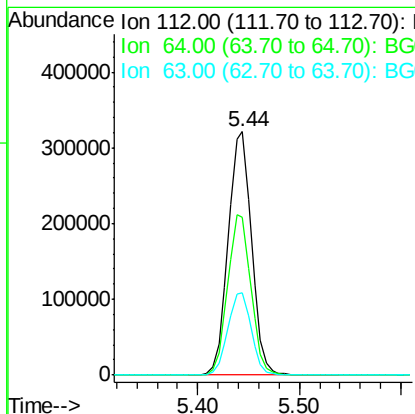
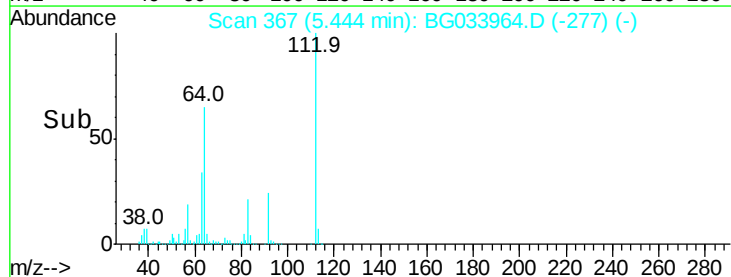
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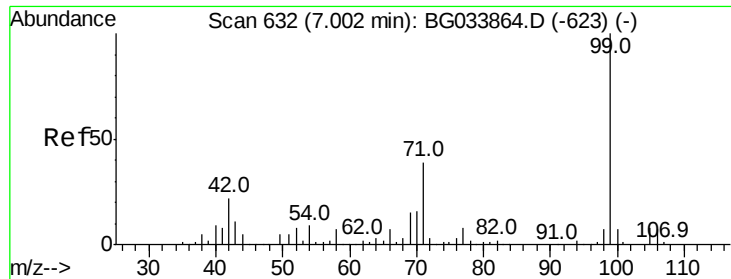
2-Fluorophenol
Concen: 101.145 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

Tgt Ion:112 Resp: 512242
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 33.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 91.321 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033964.D

Acq: 24 Apr 2018 21:20

Instrument :

BNA_G

ClientSampleId :

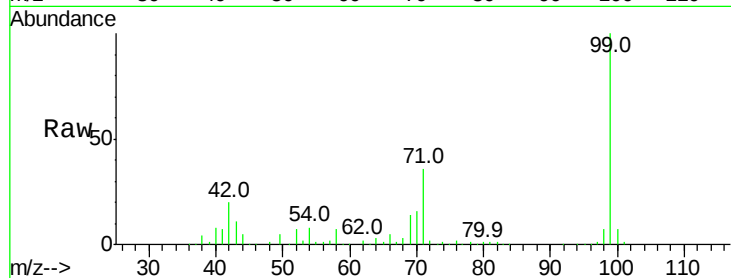
Tot Ion: 99 Resp: 674561

Ion Ratio Lower Upper

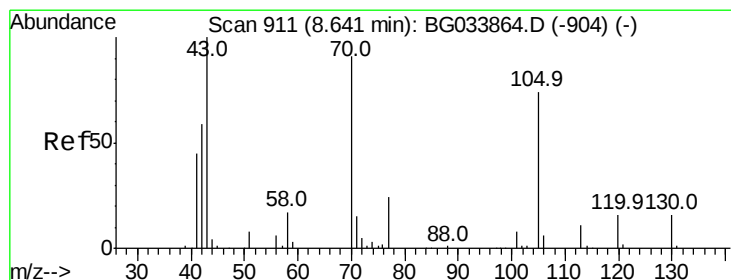
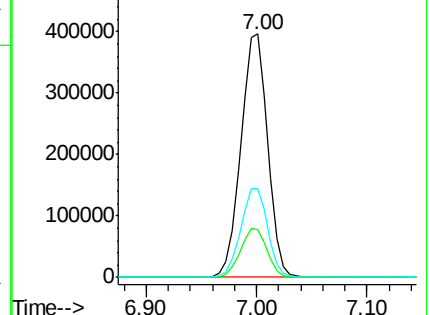
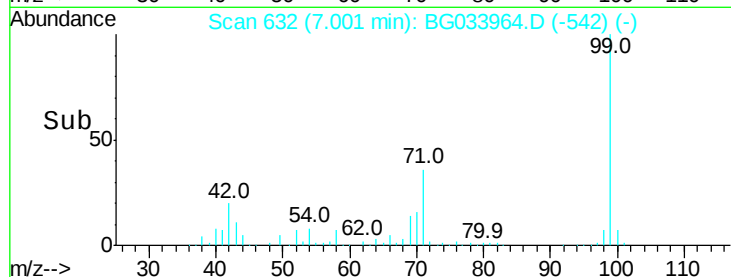
99 100

42 19.6 14.1 21.1

71 36.5 26.1 39.1



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: 8.951 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033964.D

Acq: 24 Apr 2018 21:20

Tgt Ion: 70 Resp: 56363

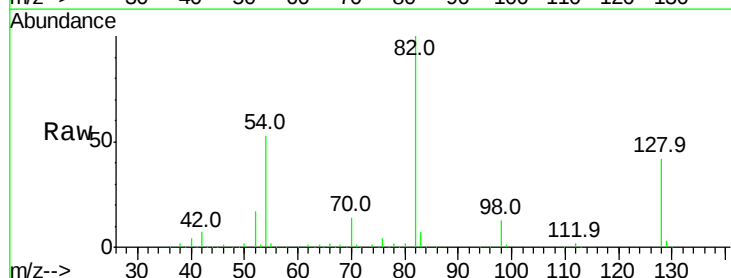
Ion Ratio Lower Upper

70 100

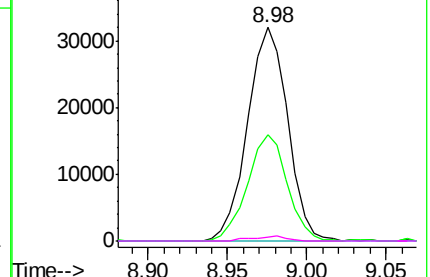
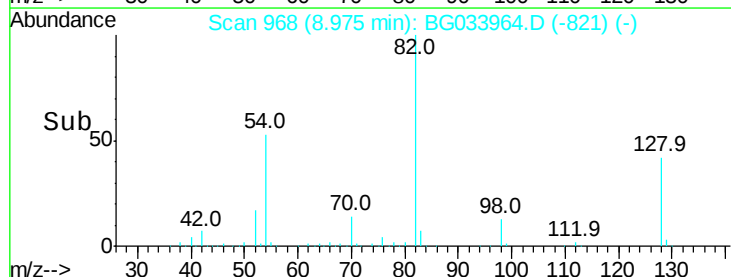
42 49.9 49.1 73.7

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



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

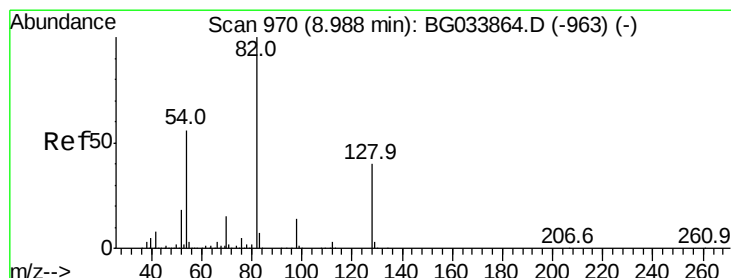
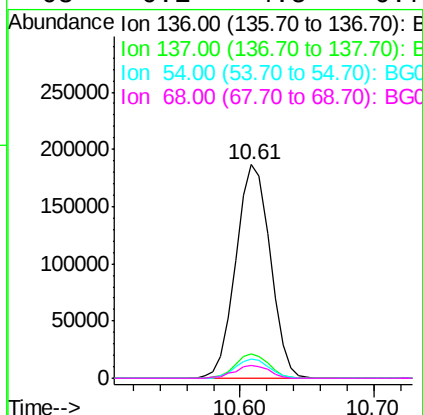
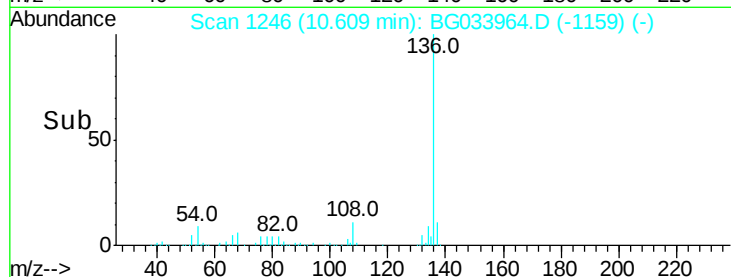
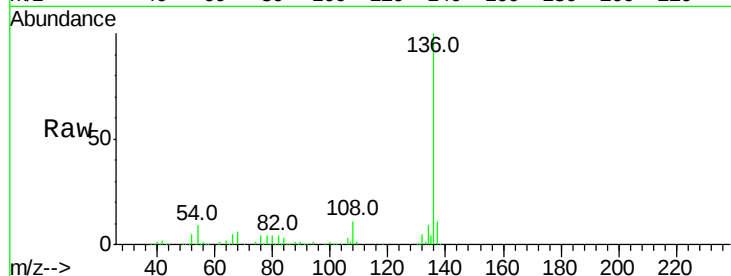




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

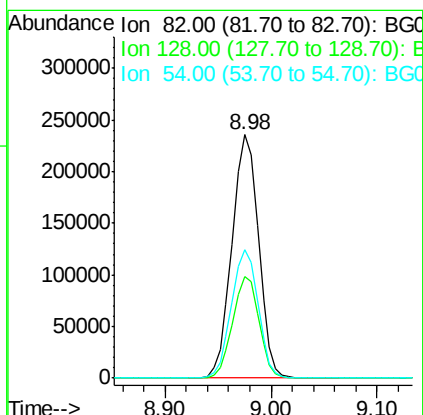
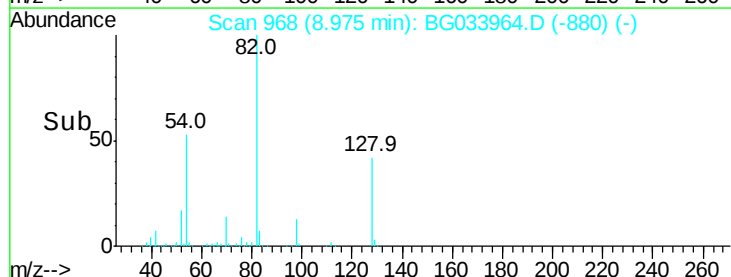
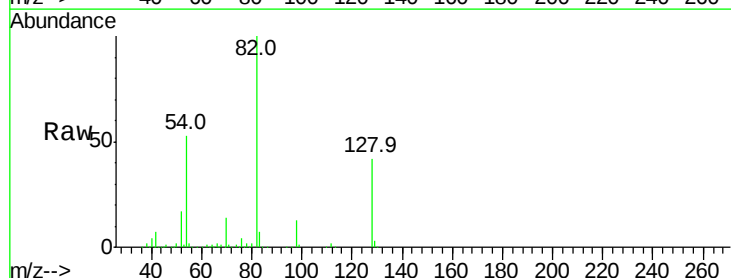
Instrument :
BNA_G
ClientSampleId :

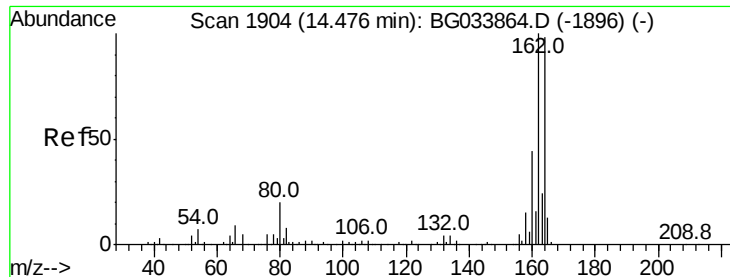
Tot Ion:136	Resp:	332637
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	8.9	10.3 15.5#
68	6.1	4.5 6.7



#23
Nitrobenzene-d5
Concen: 70.184 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

Tgt Ion: 82	Resp:	410226
Ion Ratio	Lower	Upper
82	100	
128	41.5	29.7 44.5
54	52.8	43.1 64.7

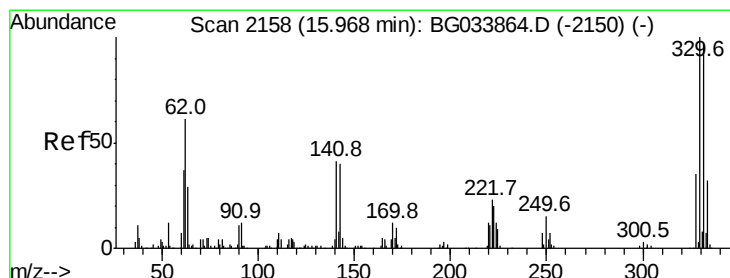
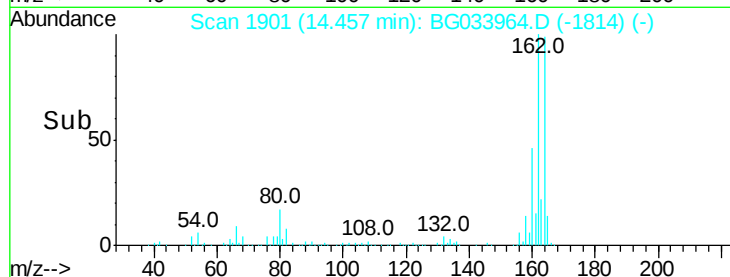
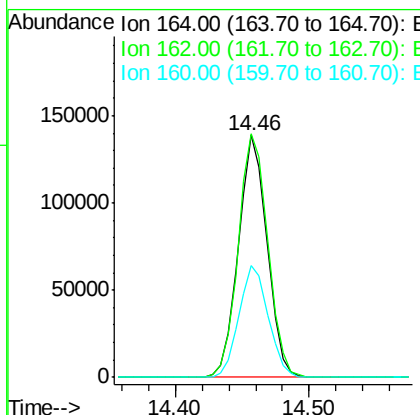
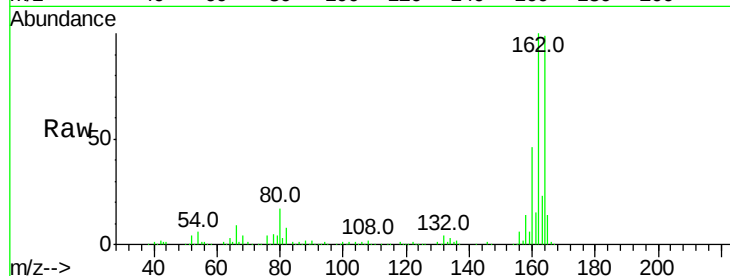




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

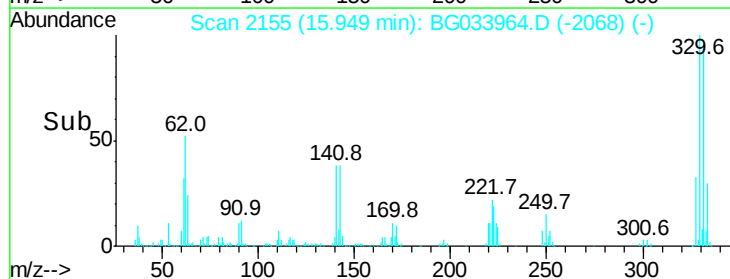
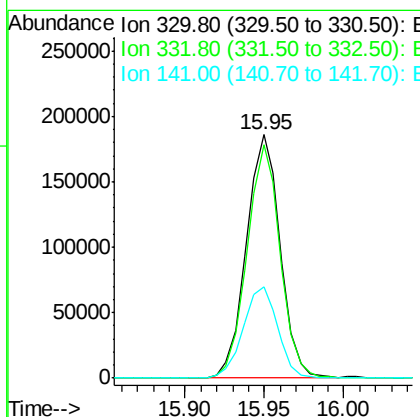
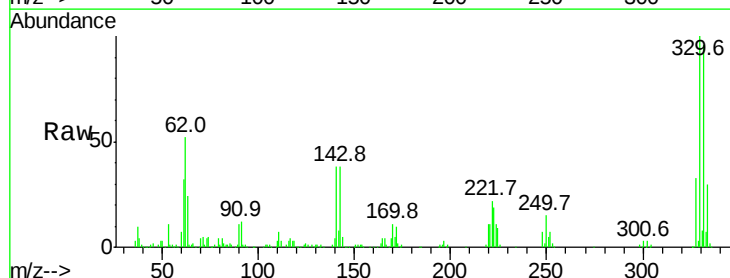
Instrument :
BNA_G
ClientSampleId :

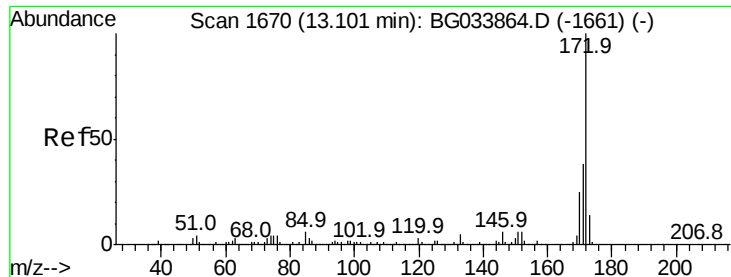
Tot Ion:164 Resp: 204885
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 46.1 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 115.106 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

Tgt Ion:330 Resp: 275140
Ion Ratio Lower Upper
330 100
332 94.3 77.0 115.6
141 38.3 25.2 37.8#

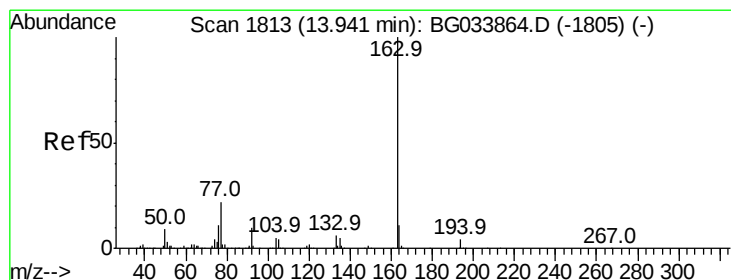
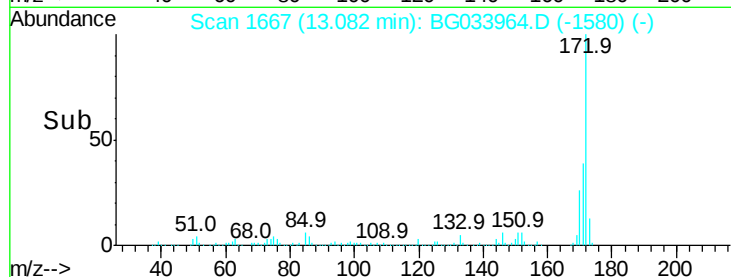
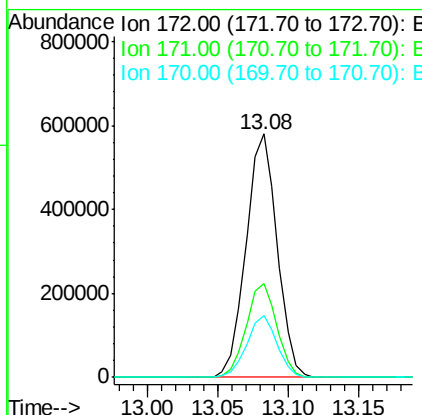
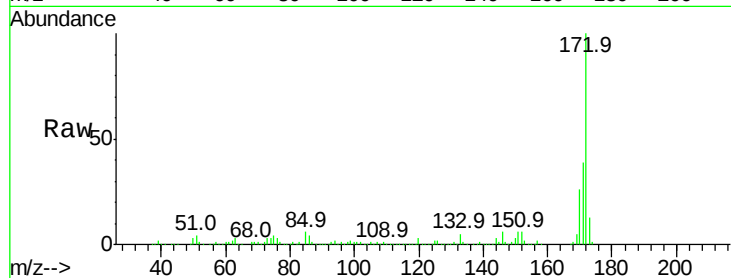




#44
2-Fluorobiphenyl
Concen: 64.010 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

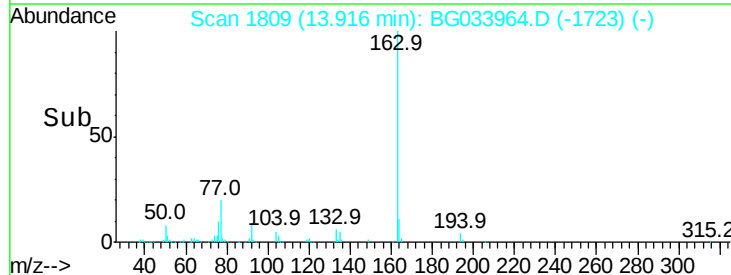
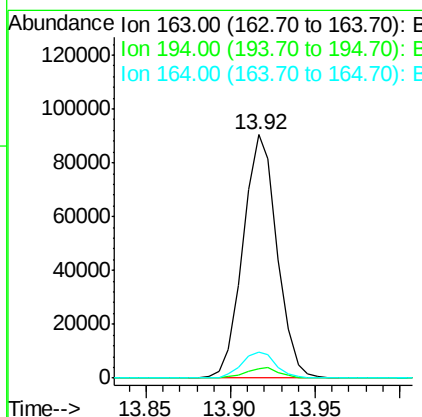
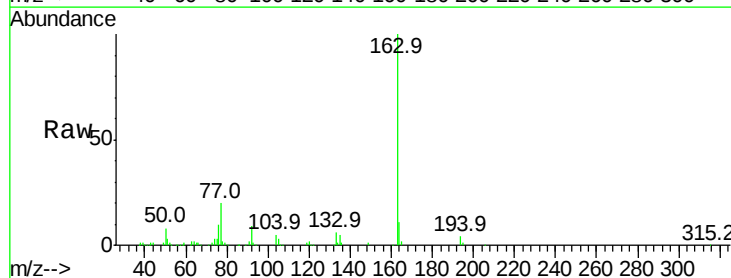
Instrument :
BNA_G
ClientSampleId :

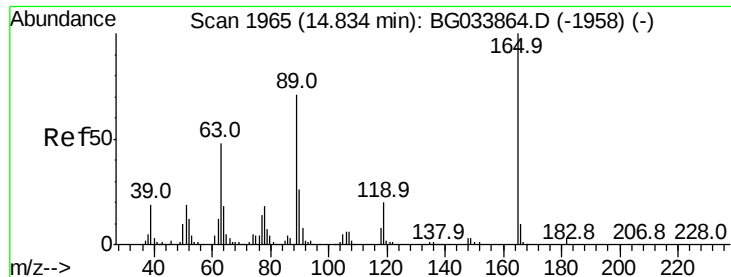
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.6	19.5	29.3



#49
Dimethylphthalate
Concen: 7.017 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG033964.D
Acq: 24 Apr 2018 21:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.8	8.2	12.4

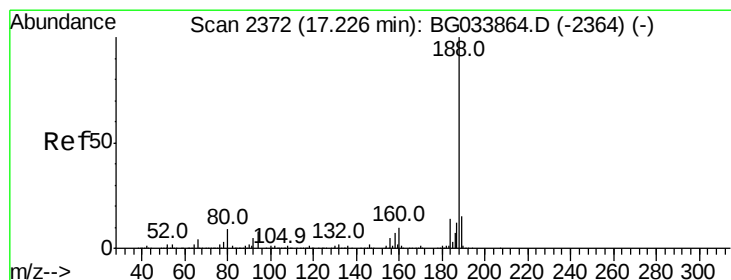
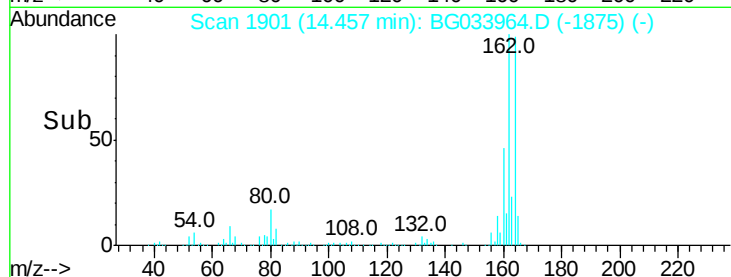
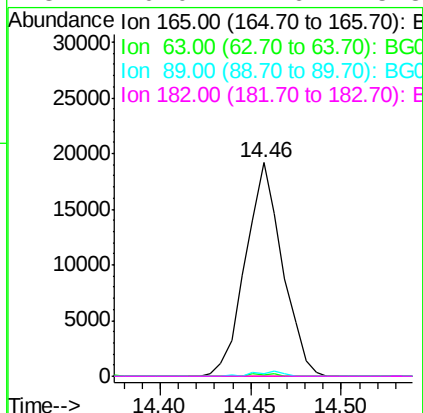
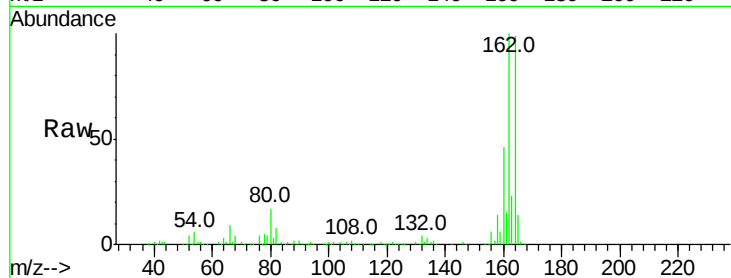




#56
 2,4-Dinitrotoluene
 Concen: 5.962 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG033964.D
 Acq: 24 Apr 2018 21:20

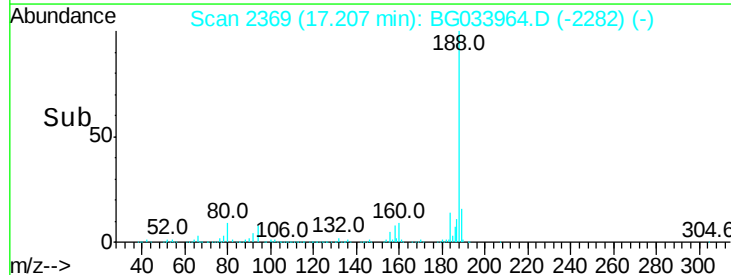
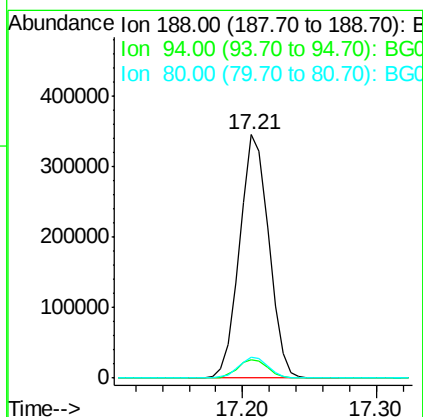
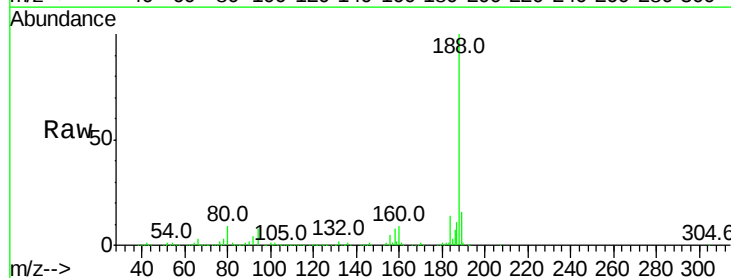
Instrument :
 BNA_G
 ClientSampleId :

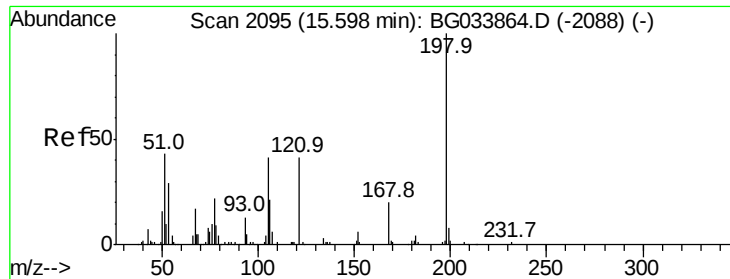
Tot Ion:165 Resp: 27080
 Ion Ratio Lower Upper
 165 100
 63 0.9 42.0 63.0#
 89 1.4 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033964.D
 Acq: 24 Apr 2018 21:20

Tgt Ion:188 Resp: 521163
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 8.8 7.7 11.5

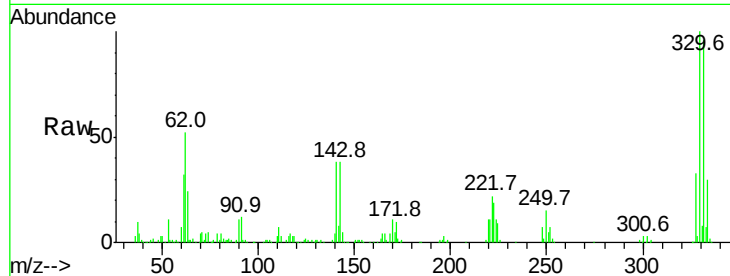




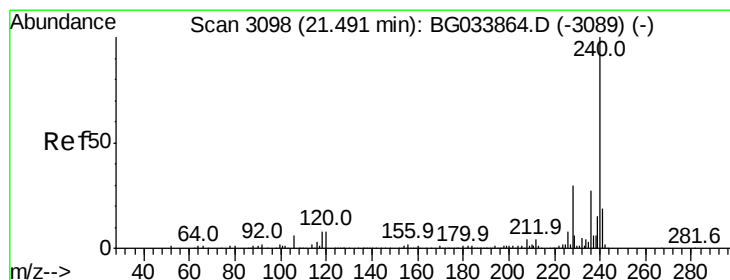
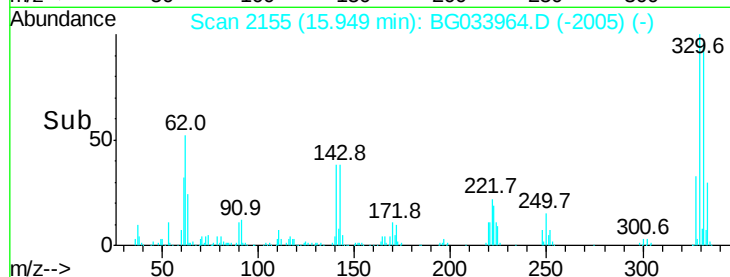
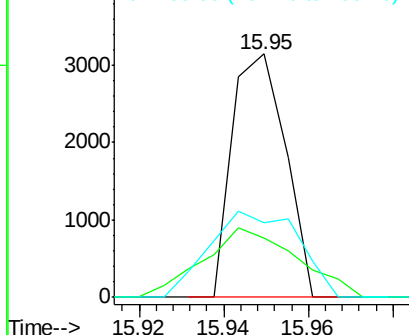
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.439 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. 0.35 min
 Lab File: BG033964.D
 Acq: 24 Apr 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 2756
 Ion Ratio Lower Upper
 198 100
 51 24.5 30.6 70.6#
 105 30.7 23.8 63.8

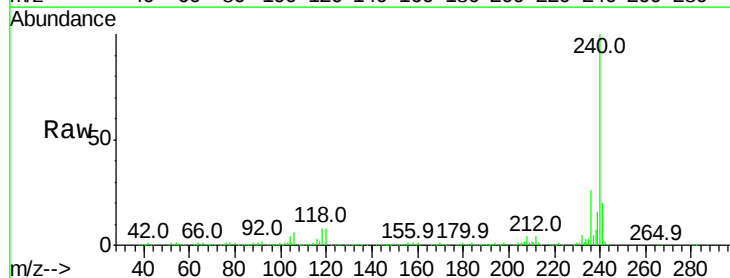


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

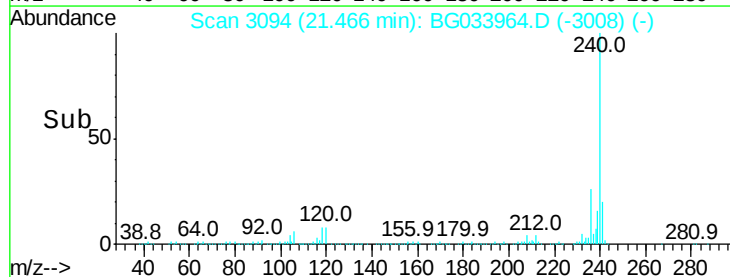
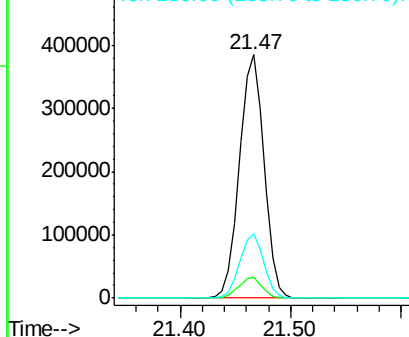


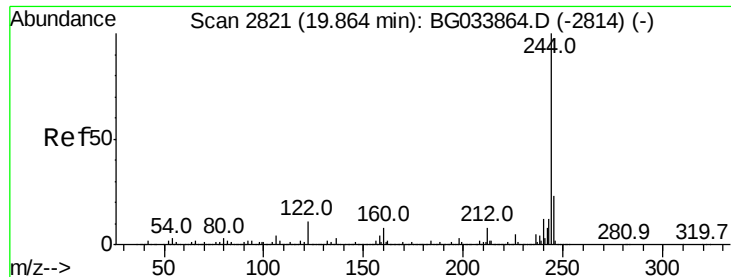
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG033964.D
 Acq: 24 Apr 2018 21:20

Tgt Ion:240 Resp: 603202
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.8 10.2
 236 26.3 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

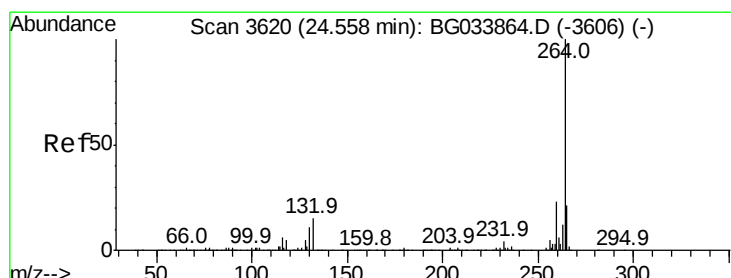
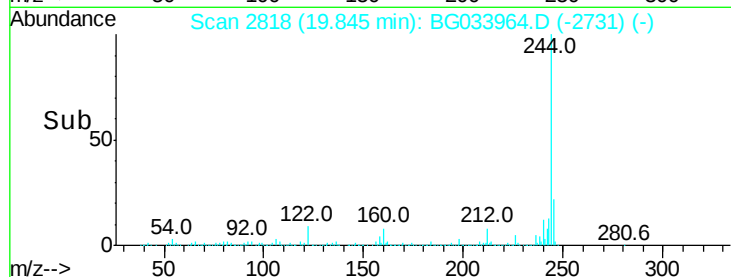
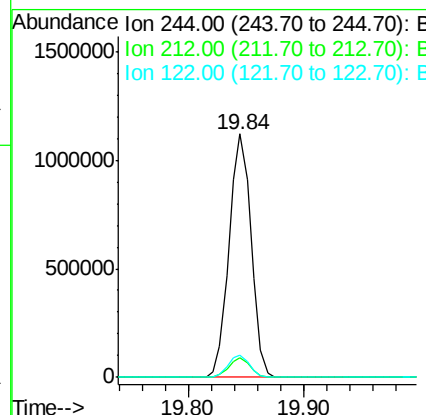
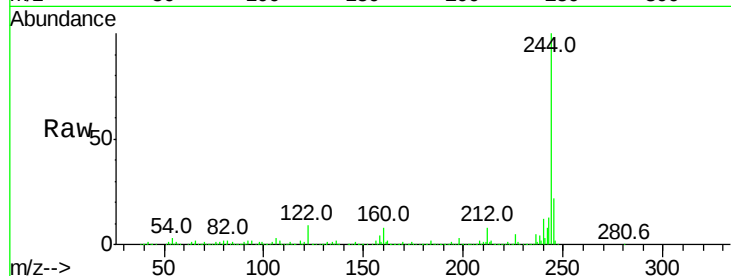




#78
 Terphenyl-d14
 Concen: 55.152 ng
 RT: 19.84 min Scan# 2818
 Delta R.T. -0.02 min
 Lab File: BG033964.D
 Acq: 24 Apr 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1480804
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 9.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033964.D
 Acq: 24 Apr 2018 21:20

Tgt Ion:264 Resp: 616235
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 21.6 17.7 26.5

