

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035942.D
 Acq On : 27 Jul 2018 18:02
 Operator : JU/SJ
 Sample : J4192-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

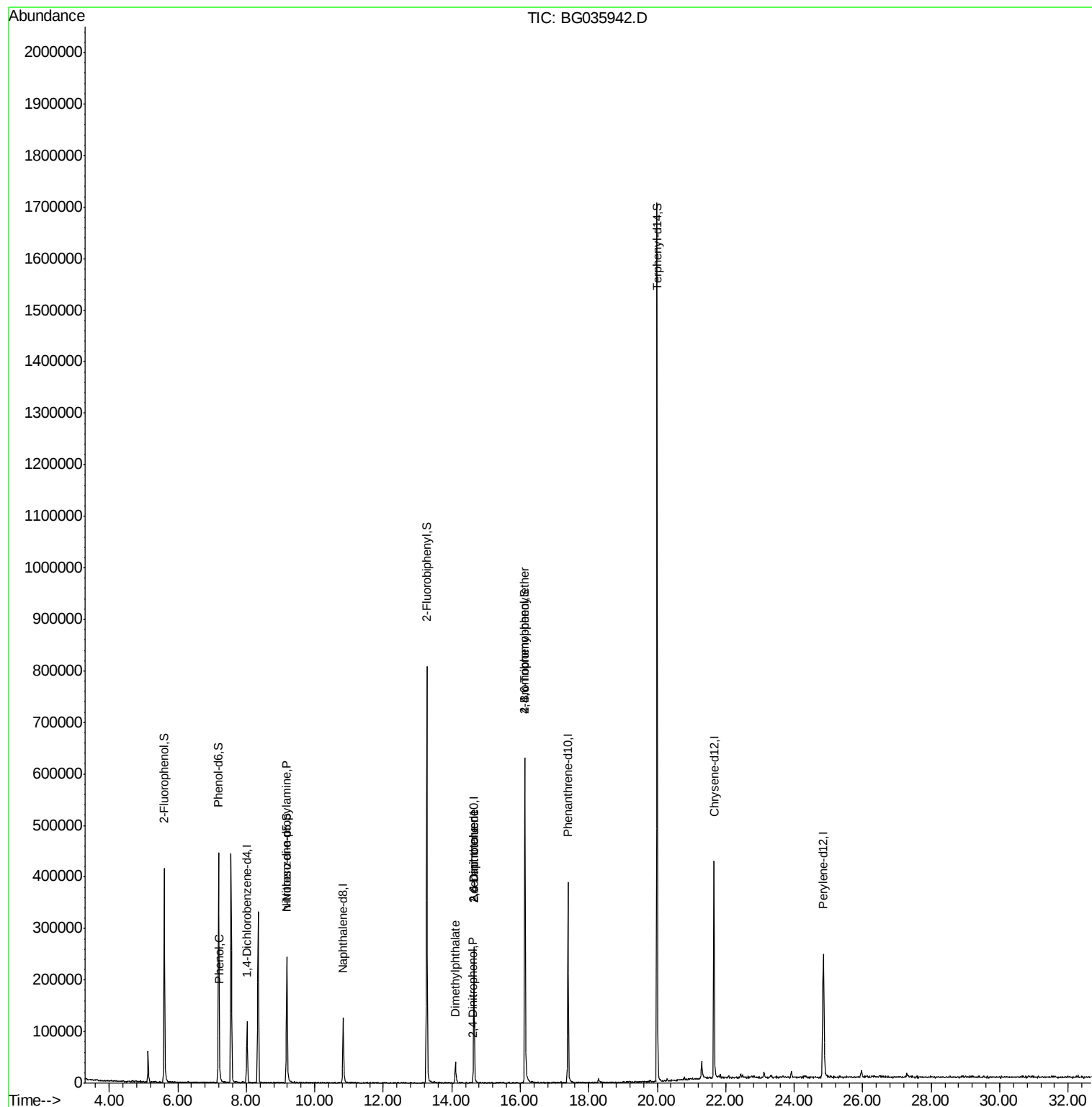
Quant Time: Jul 27 23:15:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

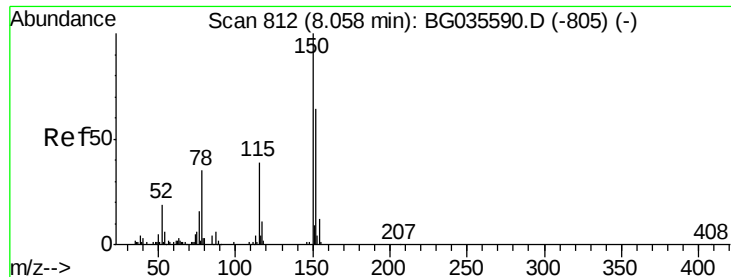
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31037	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124230	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94320	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	273283	20.00	ng	0.00
75) Chrysene-d12	21.66	240	288231	20.00	ng	0.00
86) Perylene-d12	24.85	264	276605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	193494	103.50	ng	0.00
7) Phenol-d6	7.19	99	284505	102.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	185221	62.28	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	127428	102.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	466524	66.27	ng	0.00
78) Terphenyl-d14	20.00	244	884026	67.61	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8374	2.972	ng	# 81
19) n-Nitroso-di-n-propylamine	9.19	70	26385	11.234	ng	# 63
49) Dimethylphthalate	14.10	163	38826	4.698	ng	# 97
50) 2,6-Dinitrotoluene	14.64	165	12578	7.474	ng	# 18
53) 2,4-Dinitrophenol	14.60	184	80	6.667	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	12578	5.210	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	9753	3.076	ng	# 1

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

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Quant Time: Jul 27 23:15:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

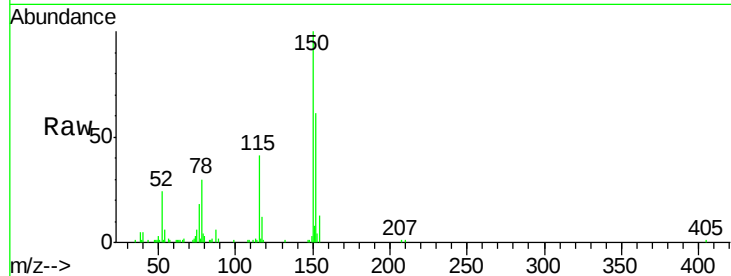




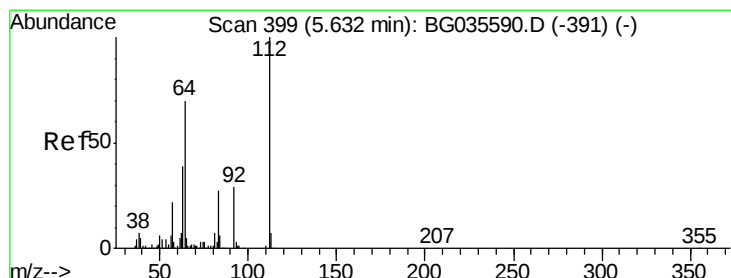
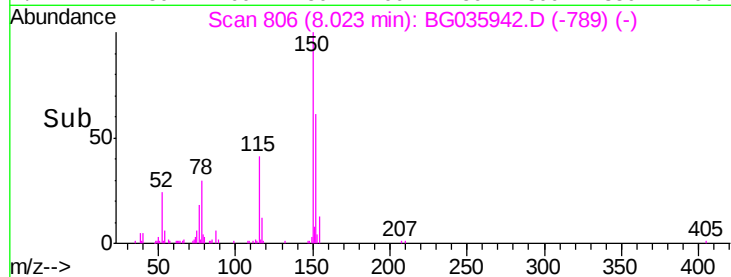
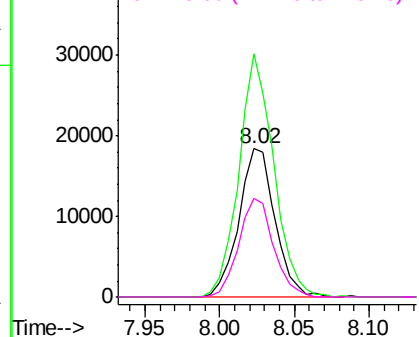
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	126.6	189.8
115	66.5	53.0	79.4



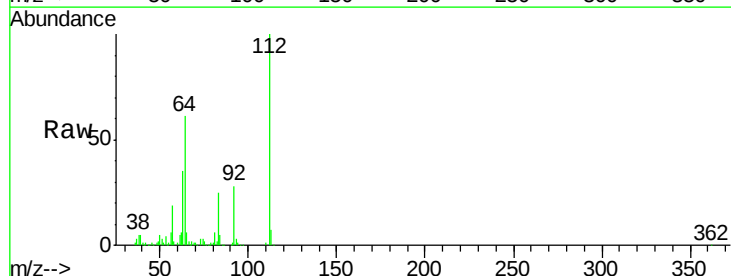
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



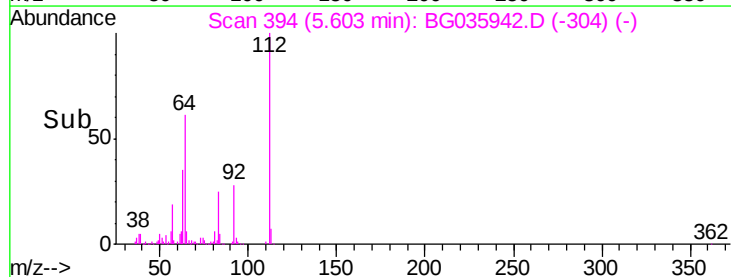
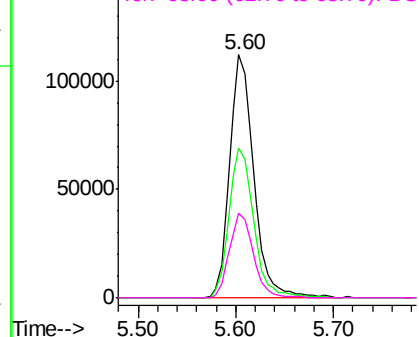
#5

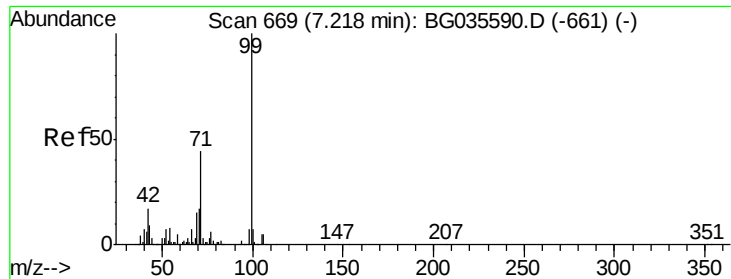
2-Fluorophenol
Concen: 103.504 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	56.3	84.5
63	34.7	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: 102.003 ng

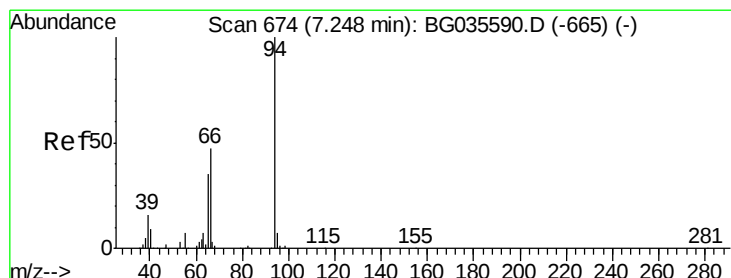
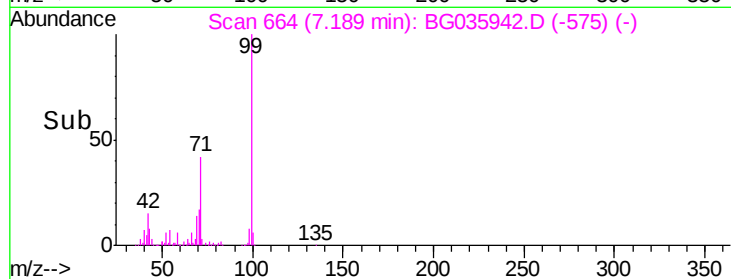
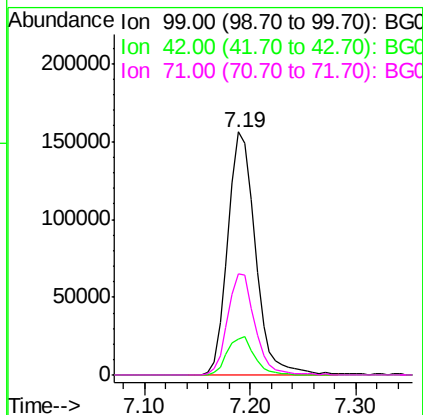
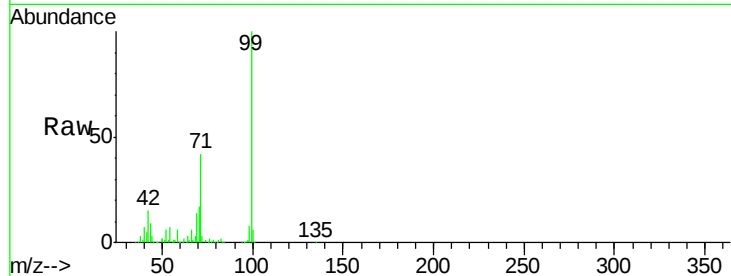
RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

Tgt Ion:	99	Resp:	284505
Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.1	21.1
71	41.8	26.1	39.1#



#10

Phenol

Concen: 2.972 ng

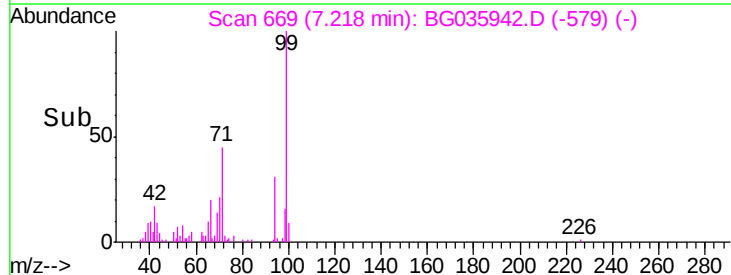
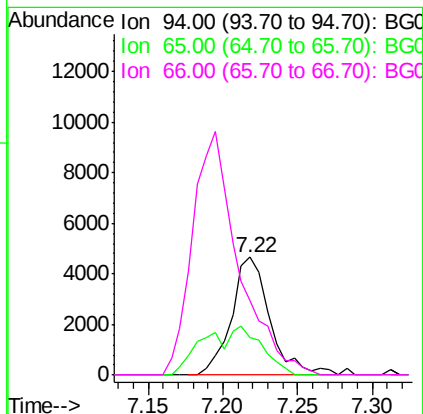
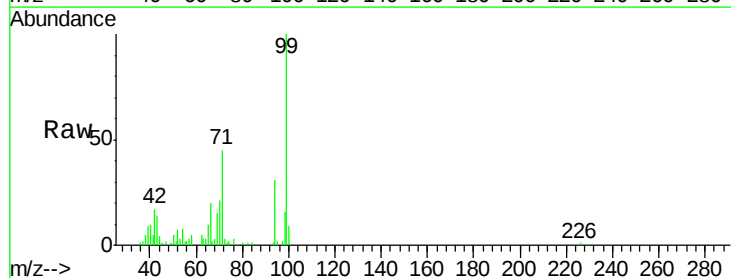
RT: 7.22 min Scan# 669

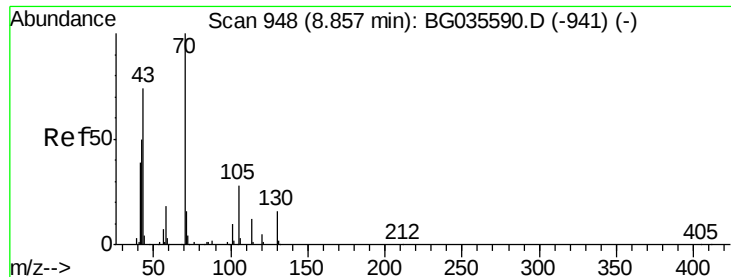
Delta R.T. -0.00 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

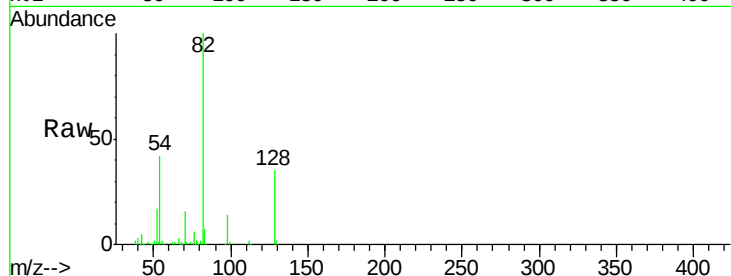
Tgt Ion:	94	Resp:	8374
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.9	51.9
66	63.1	22.2	62.2#



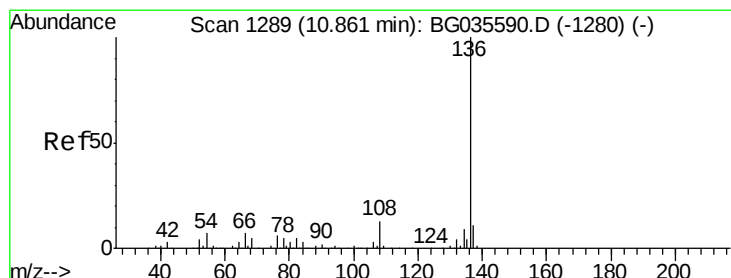
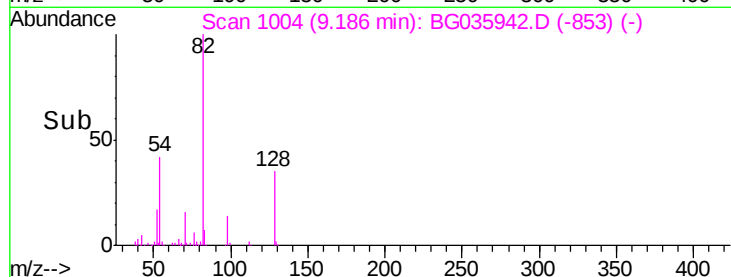
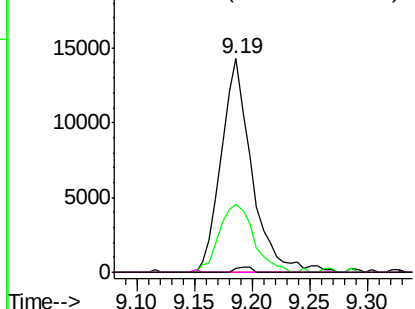


#19
n-Nitroso-di-n-propylamine
Concen: 11.234 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	31.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

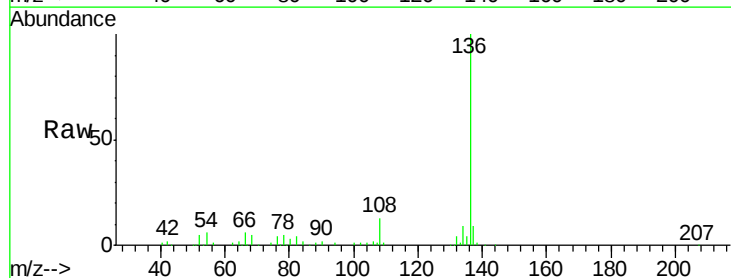


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

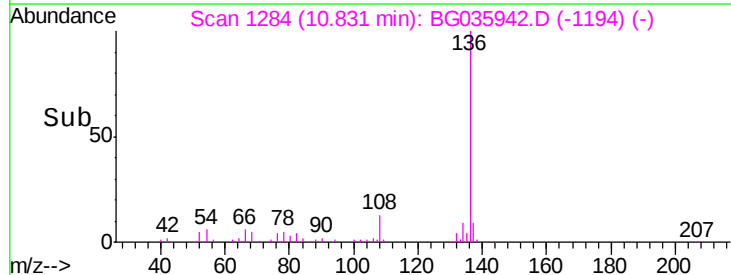
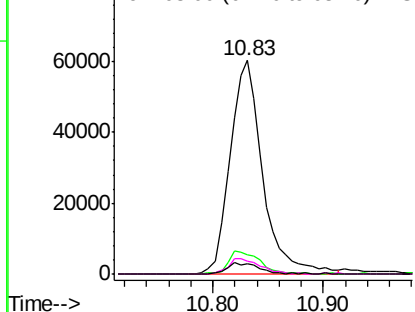


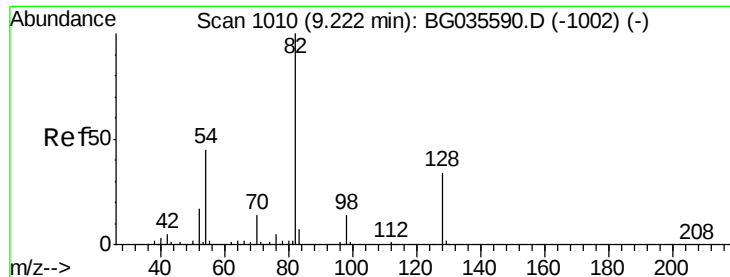
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	8.9	9.2	13.8#
54	6.2	10.3	15.5#
68	4.7	4.5	6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 62.284 ng

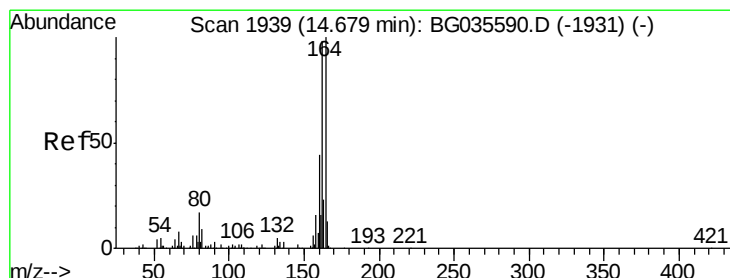
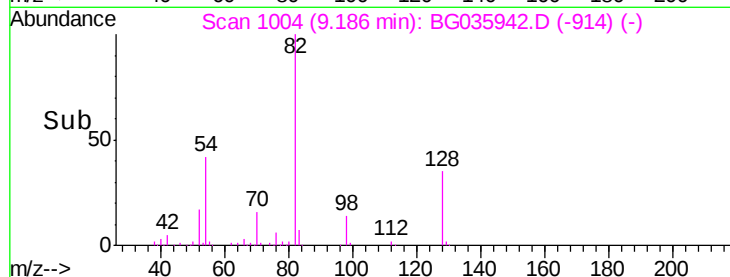
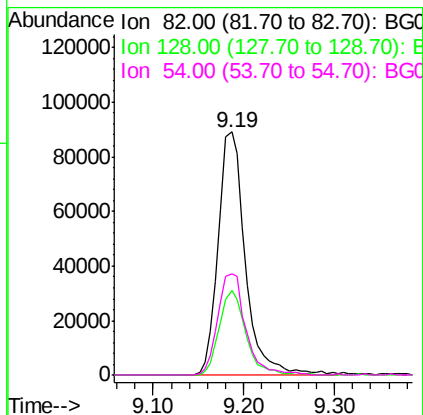
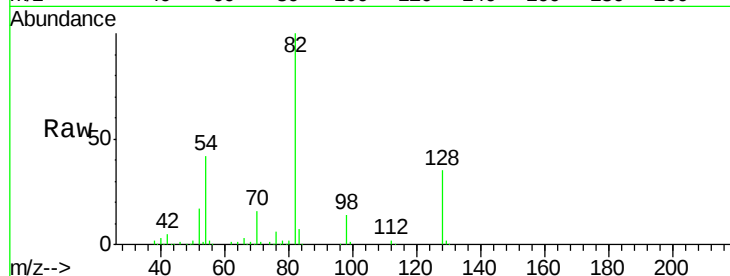
RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

Tgt Ion:	82	Resp:	185221
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	41.6	43.1	64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

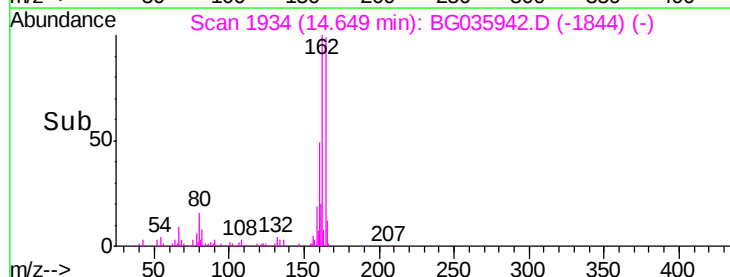
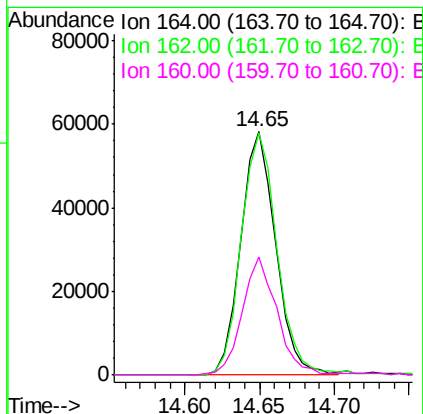
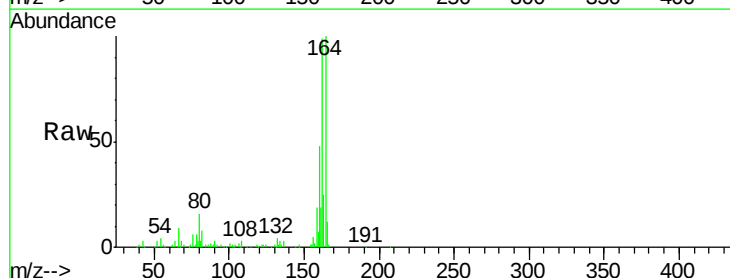
RT: 14.65 min Scan# 1934

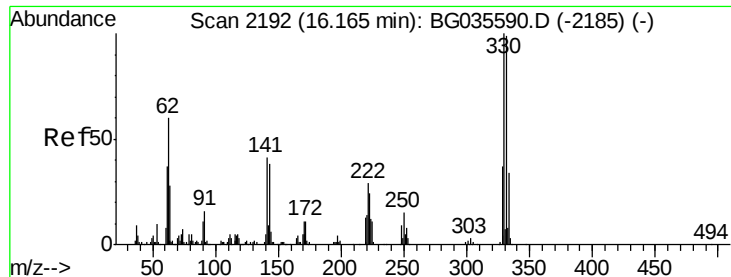
Delta R.T. -0.00 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

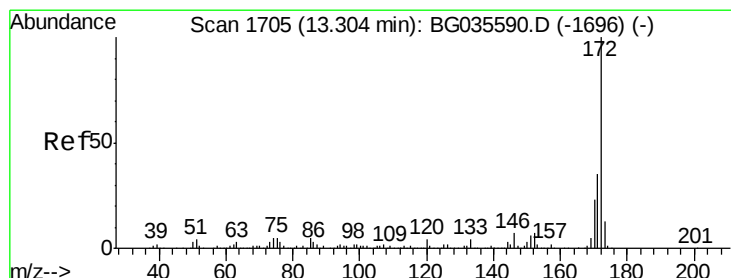
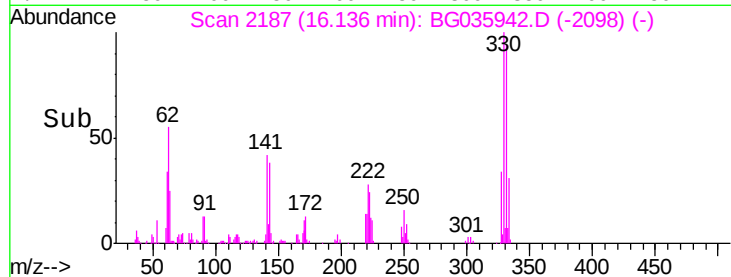
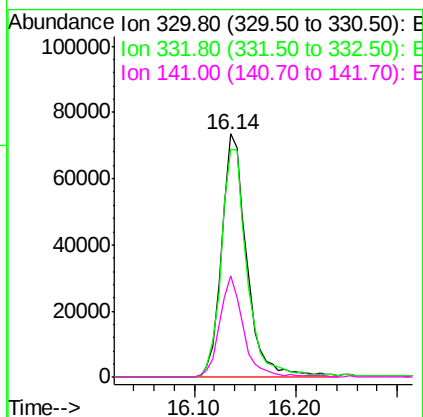
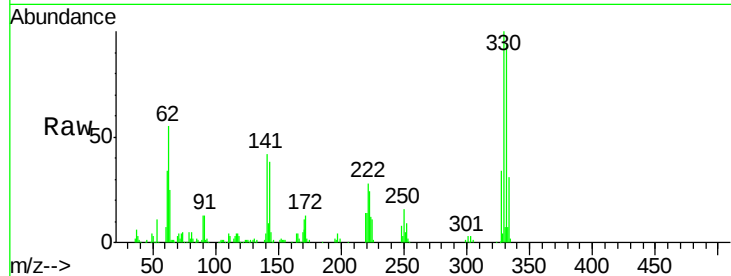
Tgt Ion:	164	Resp:	94320
Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	48.4	35.4	53.0





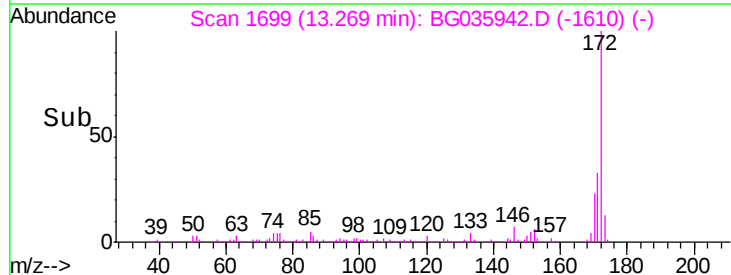
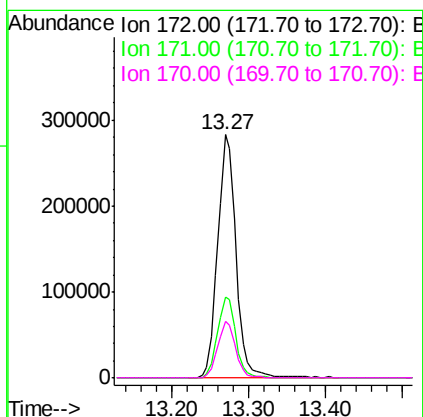
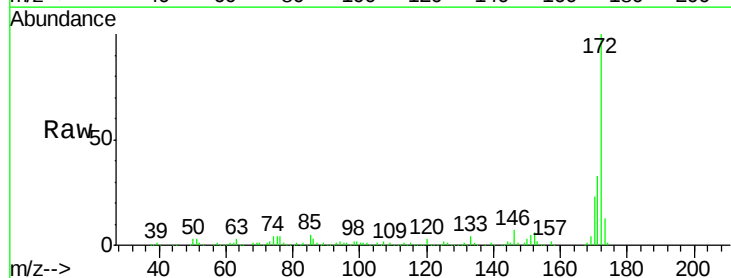
#41
 2,4,6-Tribromophenol
 Concen: 102.500 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035942.D
 Acq: 27 Jul 2018 18:02

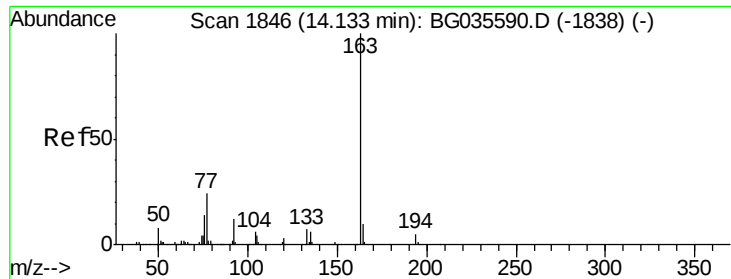
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 66.266 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035942.D
 Acq: 27 Jul 2018 18:02

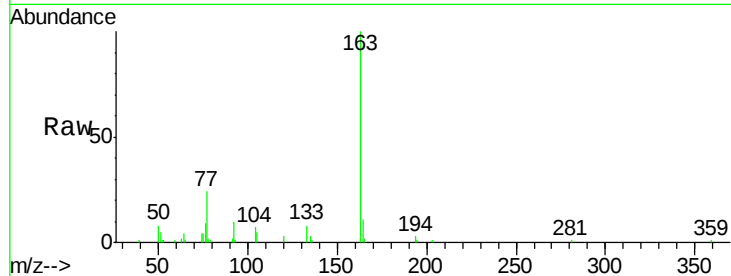
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	23.1	19.5	29.3



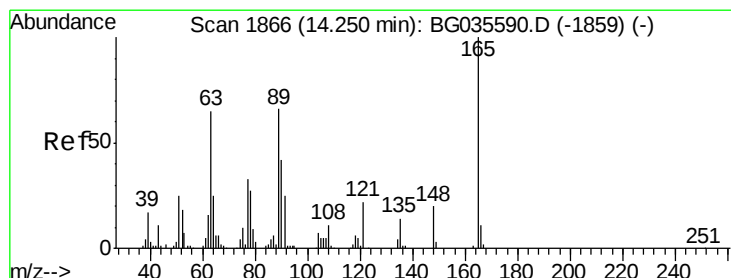
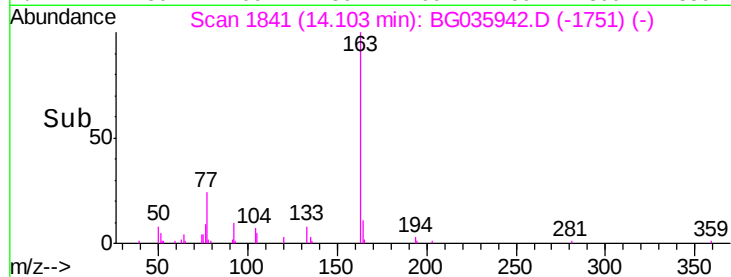
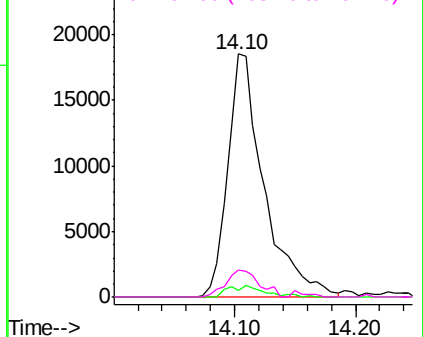


#49
Dimethylphthalate
Concen: 4.698 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion:163 Resp: 38826
Ion Ratio Lower Upper
163 100
194 3.0 3.4 5.2#
164 11.0 8.2 12.4

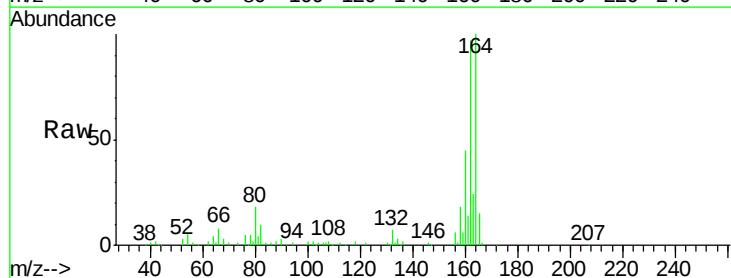


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

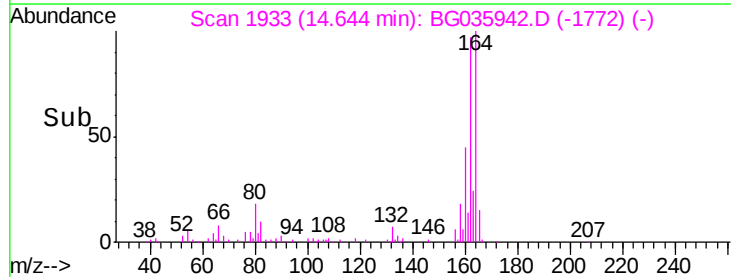
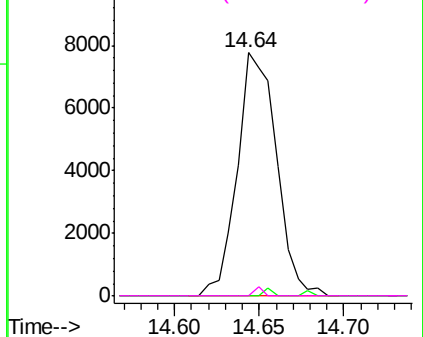


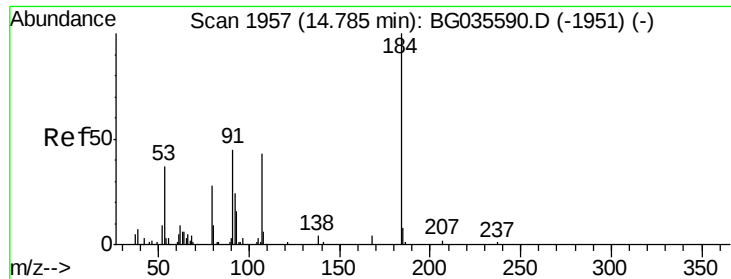
#50
2,6-Dinitrotoluene
Concen: 7.474 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion:165 Resp: 12578
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



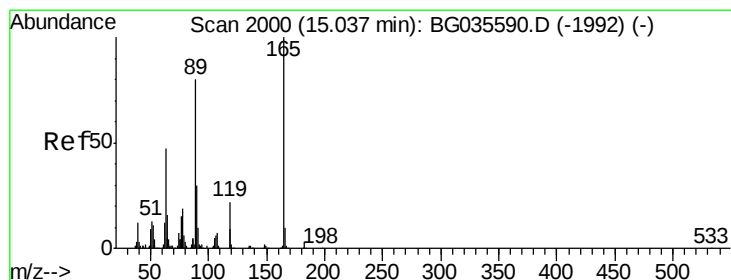
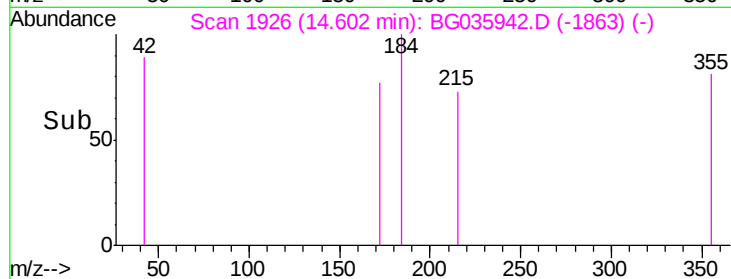
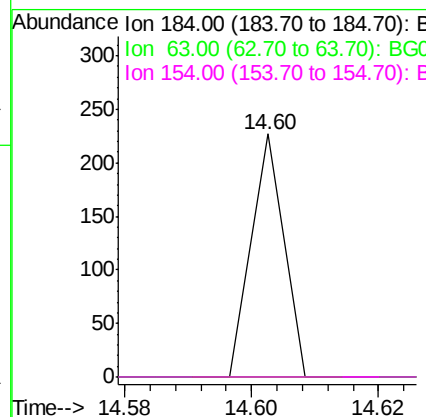
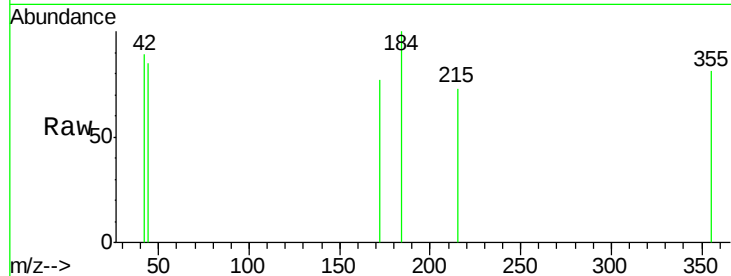
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





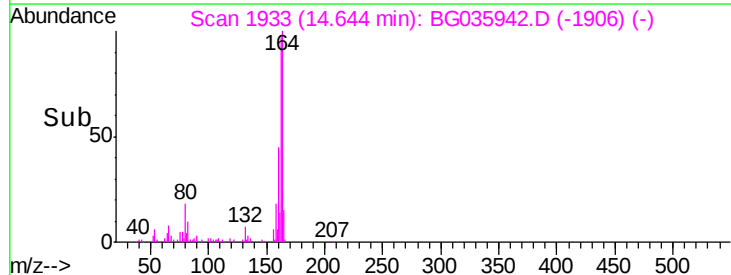
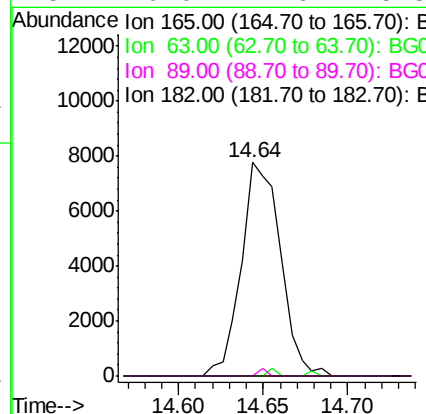
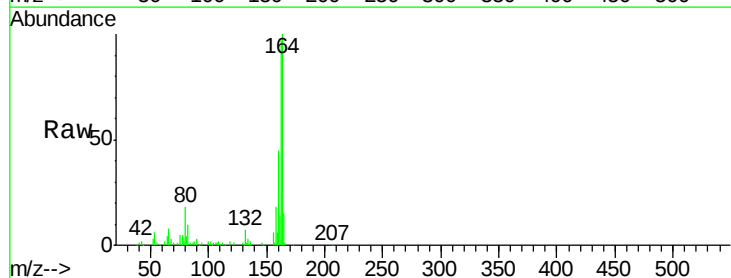
#53
2,4-Dinitrophenol
Concen: 6.667 ng
RT: 14.60 min Scan# 1926
Delta R.T. -0.16 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

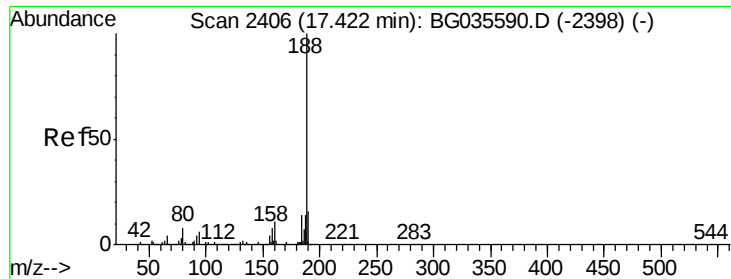
Tgt Ion:184 Resp: 80
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.210 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

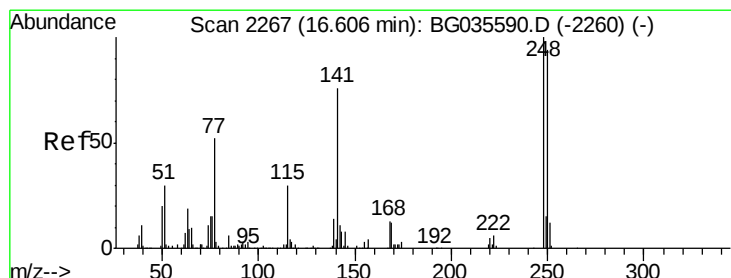
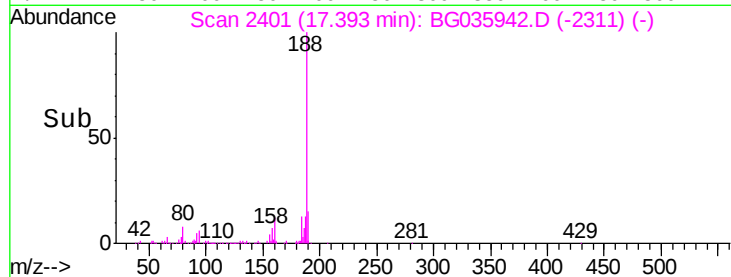
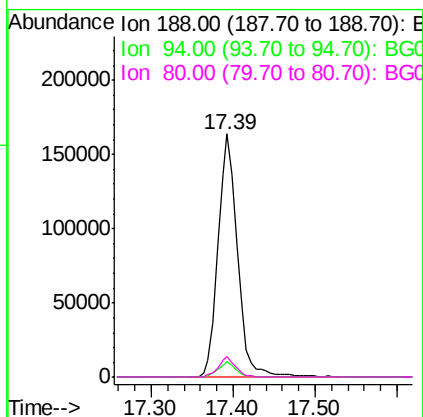
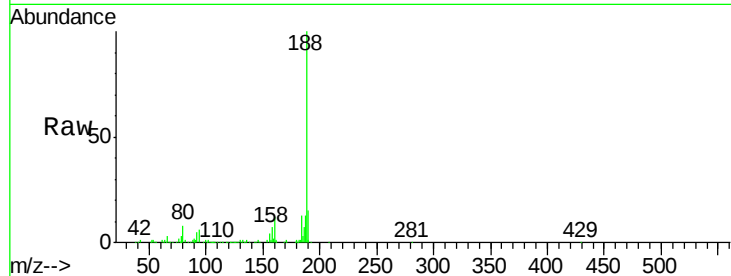
Tgt Ion:165 Resp: 12578
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





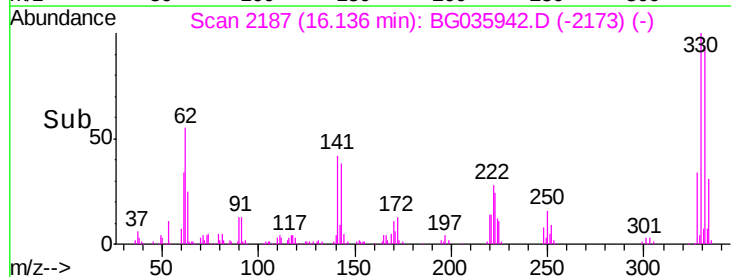
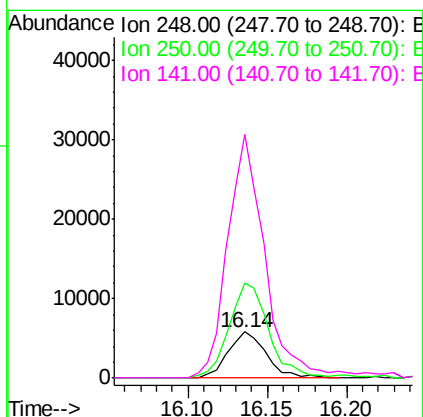
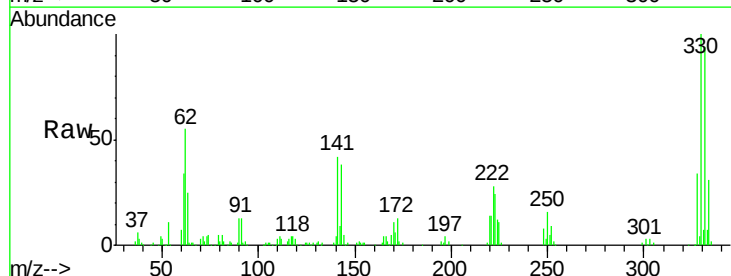
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

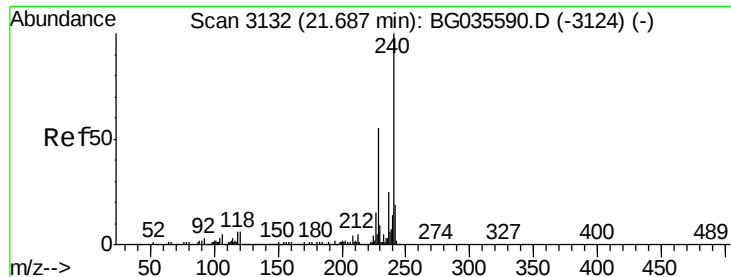
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.5	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 3.076 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

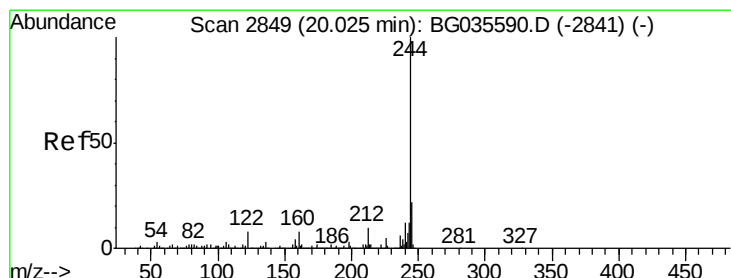
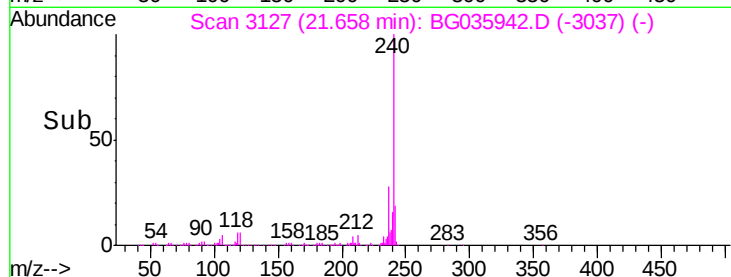
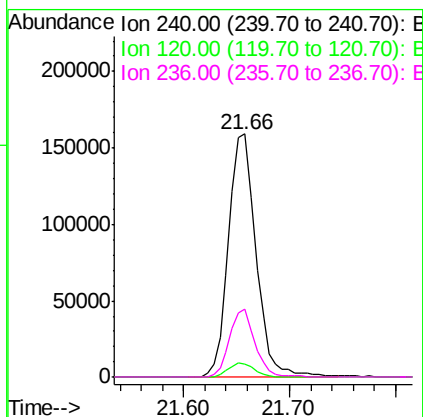
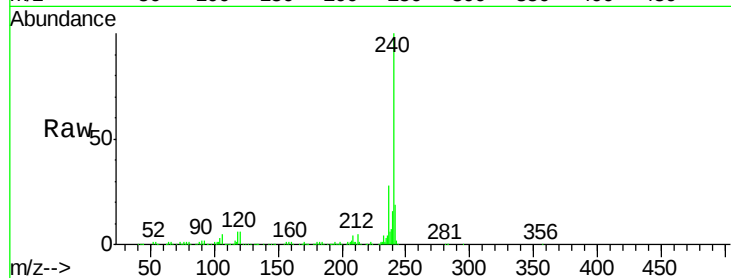
Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.4	77.1	115.7#
141	527.6	50.8	76.2#





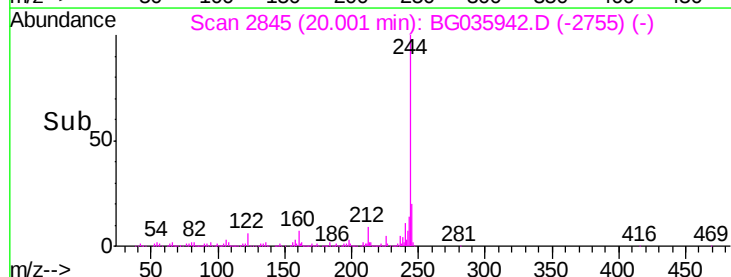
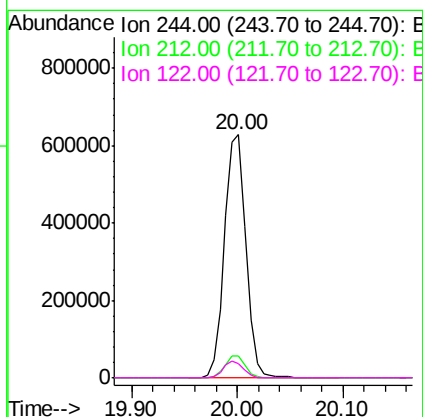
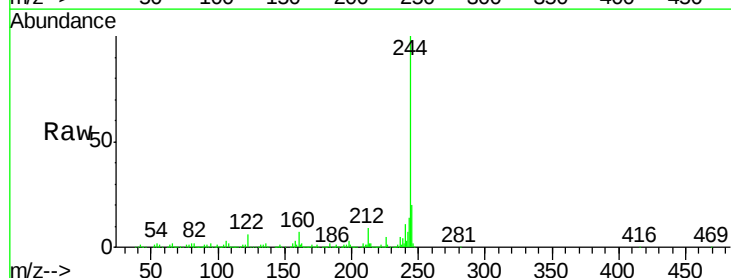
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

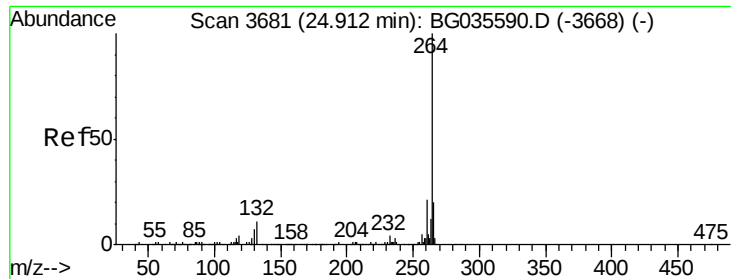
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	28.2	20.9	31.3



#78
Terphenyl-d14
Concen: 67.608 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion:	264	Resp:	276605
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	23.4	17.7	26.5

