

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035497.D
 Acq On : 29 Jun 2018 3:23
 Operator : JU/SJ
 Sample : J3719-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 062518-TIPC-F-D-S

Quant Time: Jun 29 04:41:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

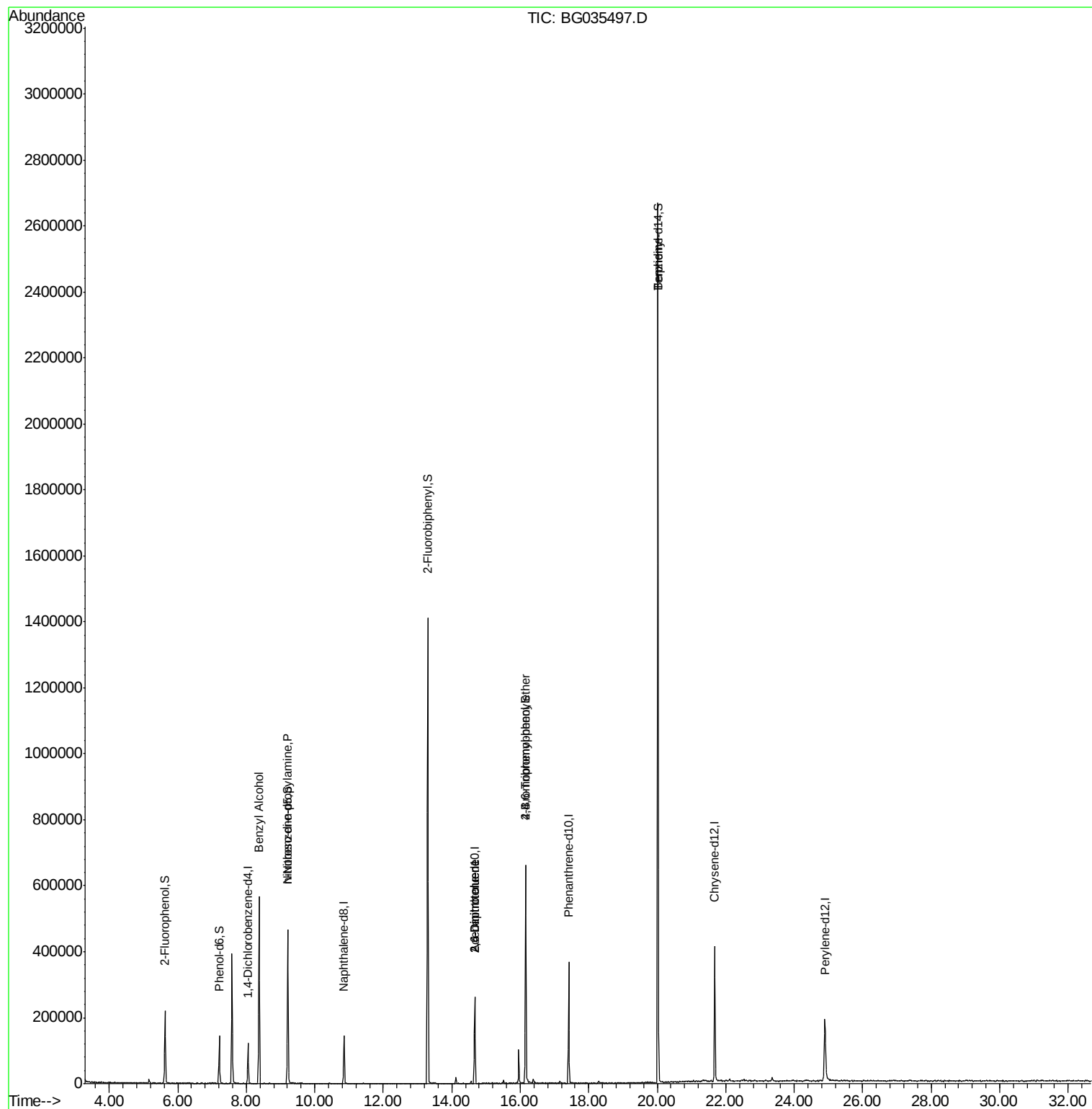
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34166	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	124605	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	87699	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	238786	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	263528	20.00	ng	-0.04
86) Perylene-d12	24.89	264	244212	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	96856	47.84	ng	-0.02
7) Phenol-d6	7.21	99	87316	29.22	ng	-0.01
23) Nitrobenzene-d5	9.22	82	320115	122.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	124810	111.17	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	757484	112.28	ng	-0.03
78) Terphenyl-d14	20.02	244	1336626	106.24	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.37	79	5895	2.082	ng	# 51
19) n-Nitroso-di-n-propylamine	9.21	70	44500	17.529	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	11711	8.394	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	11711	6.319	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	9395	3.267	ng	# 1
76) Benzidine	20.02	184	21575	2.201	ng	# 89

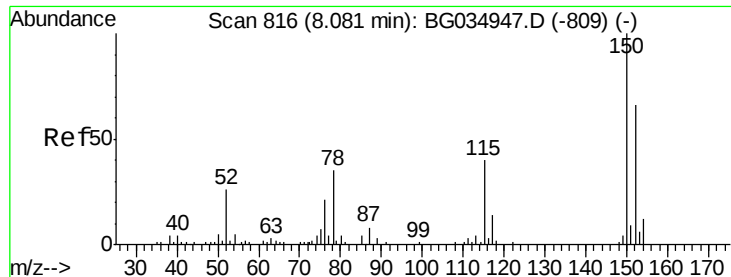
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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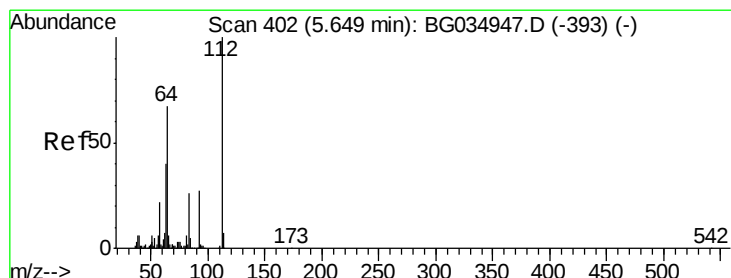
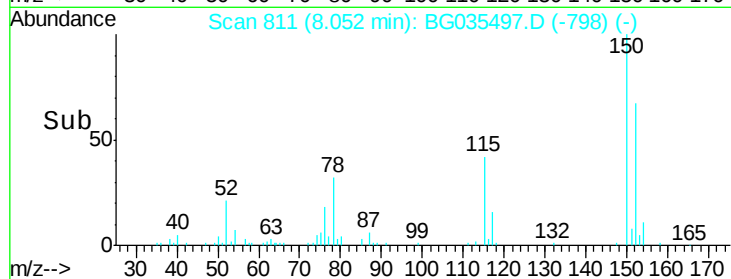
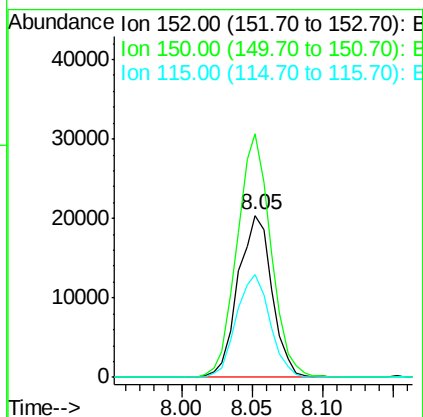
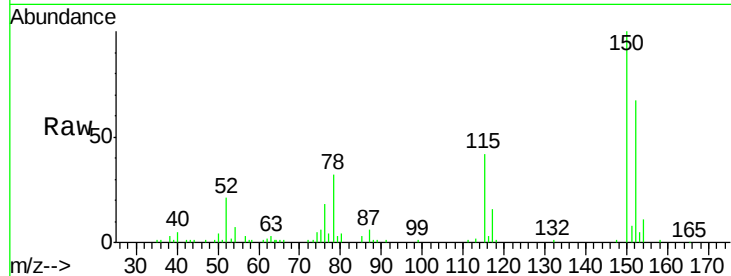


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035497.D
Acq: 29 Jun 2018 3:23

Instrument :
BNA_G
ClientSampleId :
062518-TIPC-F-D-S

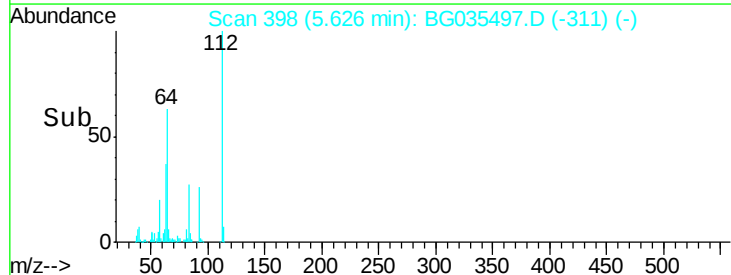
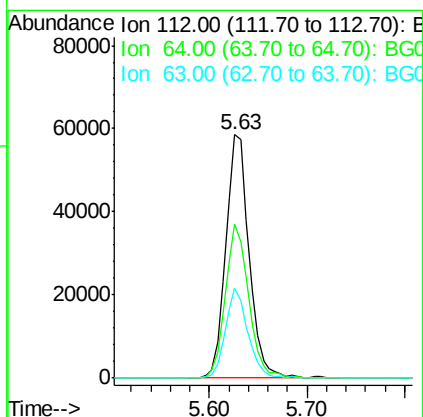
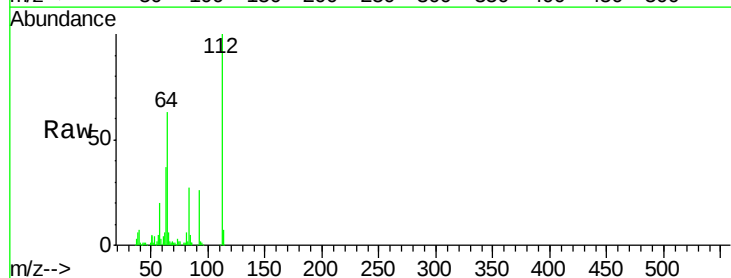
Tgt Ion:152 Resp: 34166
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 63.5 53.0 79.4

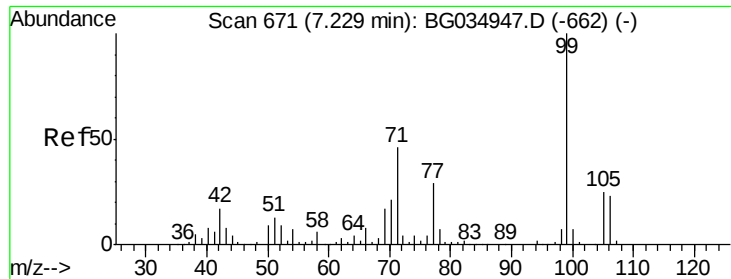


#5

2-Fluorophenol
Concen: 47.841 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035497.D
Acq: 29 Jun 2018 3:23

Tgt Ion:112 Resp: 96856
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 37.2 30.1 45.1





#7

Phenol-d6

Concen: 29.221 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-D-S

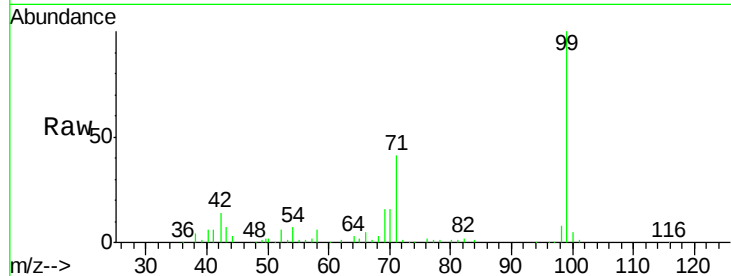
Tgt Ion: 99 Resp: 87316

Ion Ratio Lower Upper

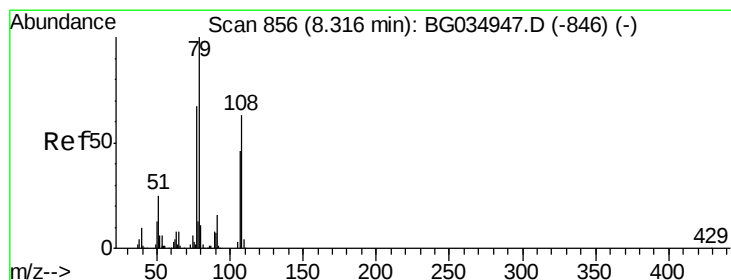
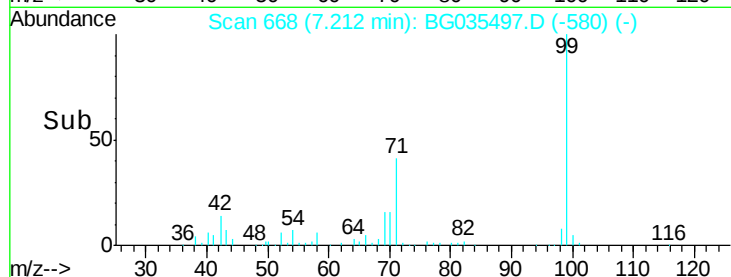
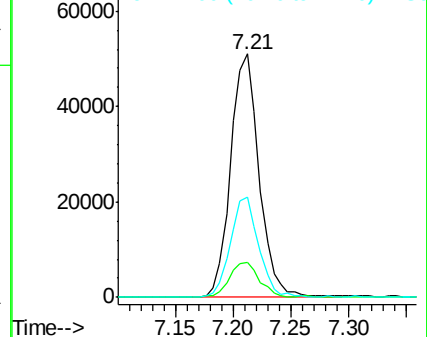
99 100

42 14.2 14.1 21.1

71 41.1 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



#15

Benzyl Alcohol

Concen: 2.082 ng

RT: 8.37 min Scan# 865

Delta R.T. 0.06 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

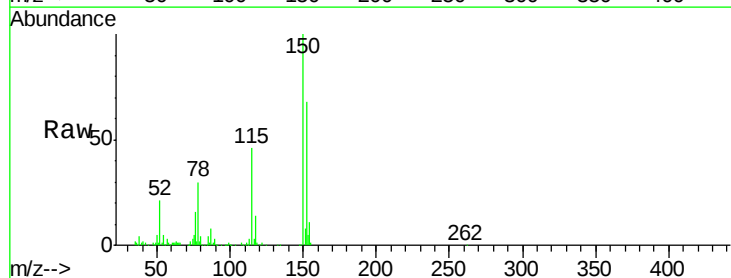
Tgt Ion: 79 Resp: 5895

Ion Ratio Lower Upper

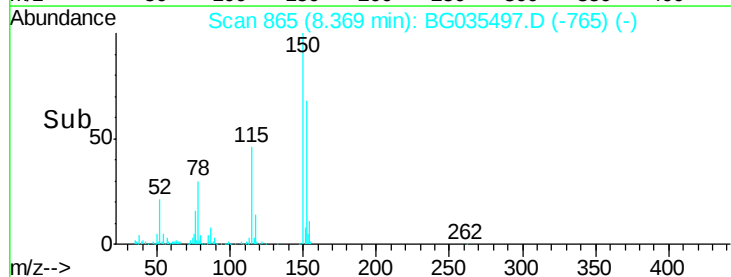
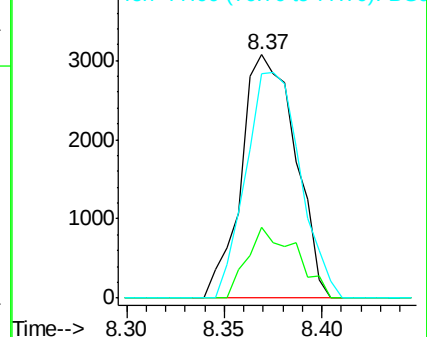
79 100

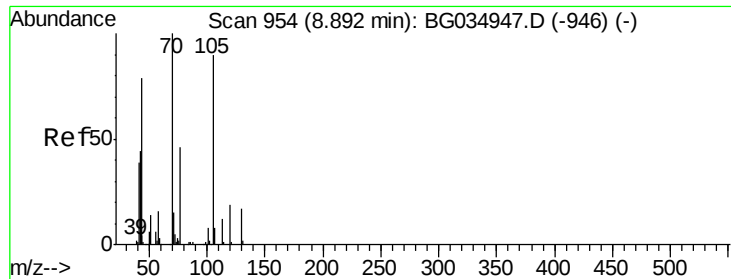
108 29.2 57.2 85.8#

77 92.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

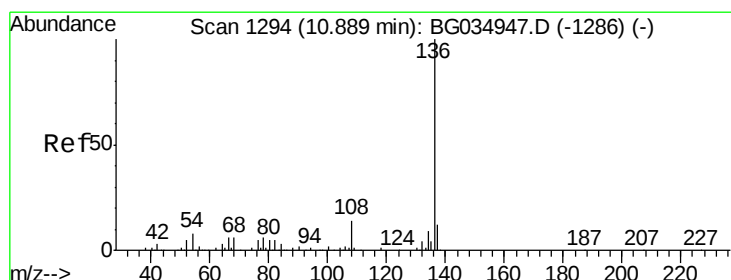
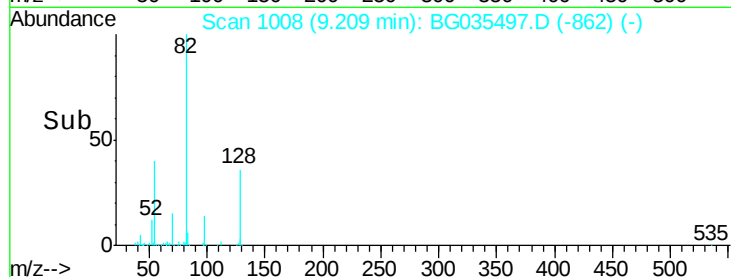
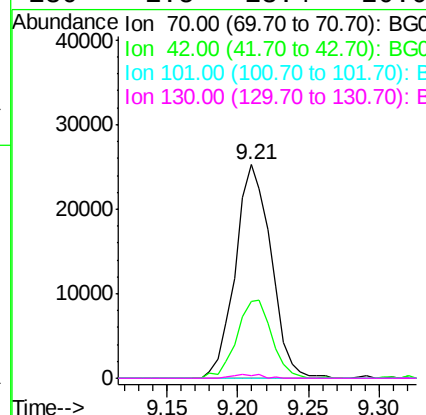
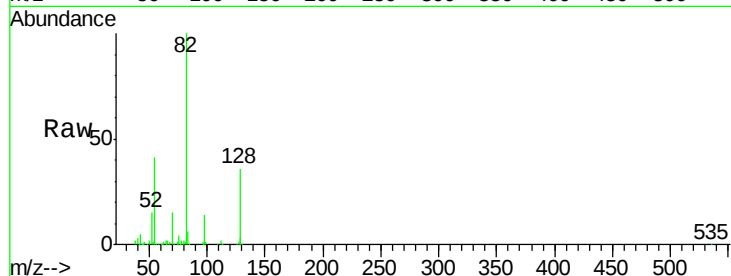




#19
n-Nitroso-di-n-propylamine
Concen: 17.529 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035497.D
Acq: 29 Jun 2018 3:23

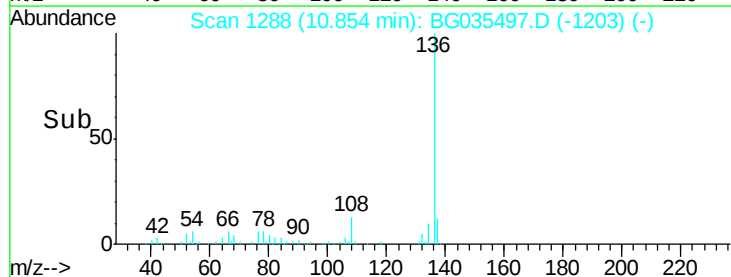
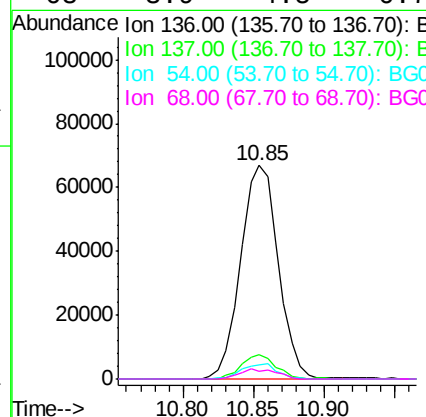
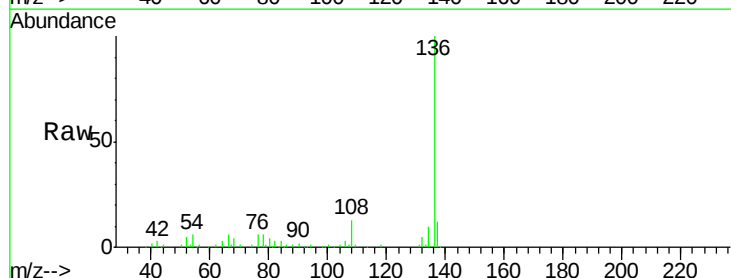
Instrument :
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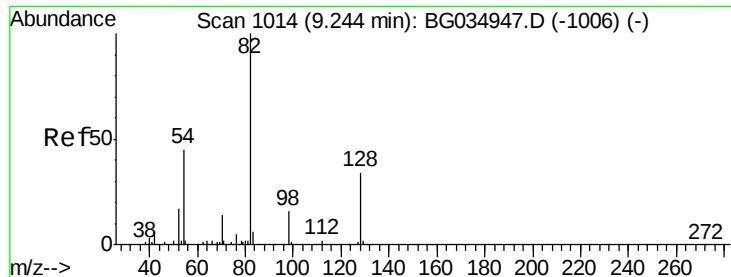
Tgt Ion:	70	Resp:	44500
Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035497.D
Acq: 29 Jun 2018 3:23

Tgt Ion:	136	Resp:	124605
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.3	10.3	15.5#
68	3.9	4.5	6.7#

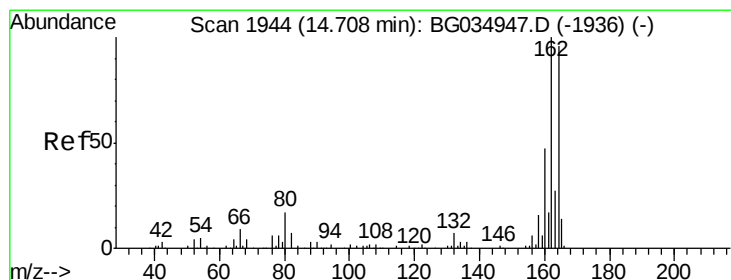
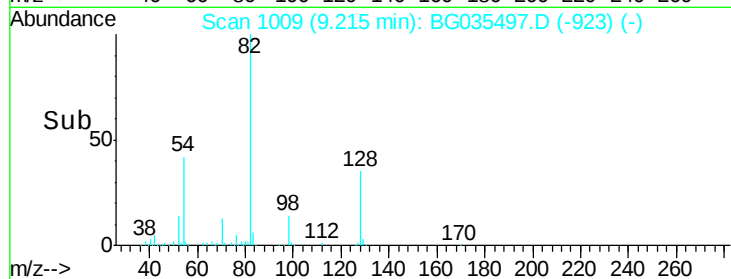
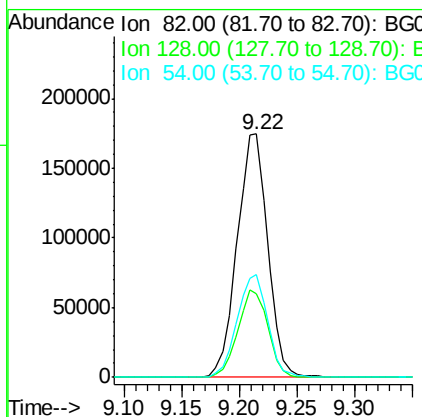
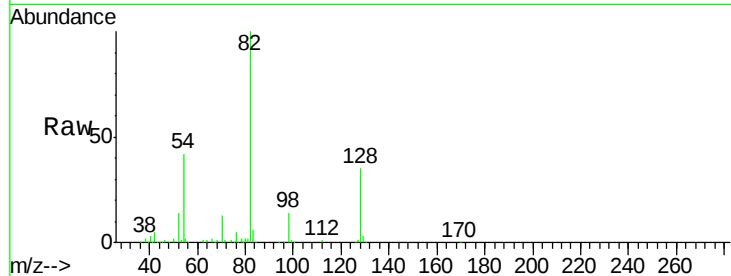




#23
 Nitrobenzene-d5
 Concen: 122.118 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035497.D
 Acq: 29 Jun 2018 3:23

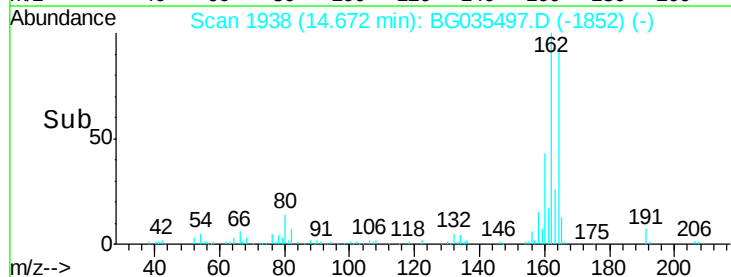
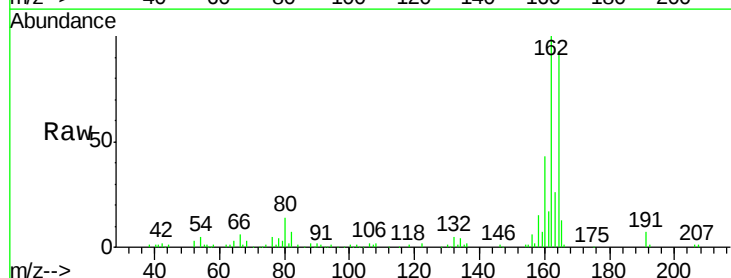
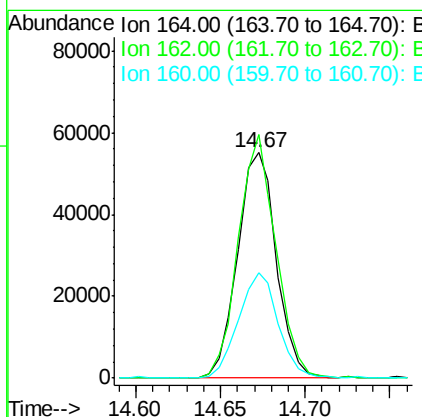
Instrument :
 BNA_G
 ClientSampleId :
 062518-TIPC-F-D-S

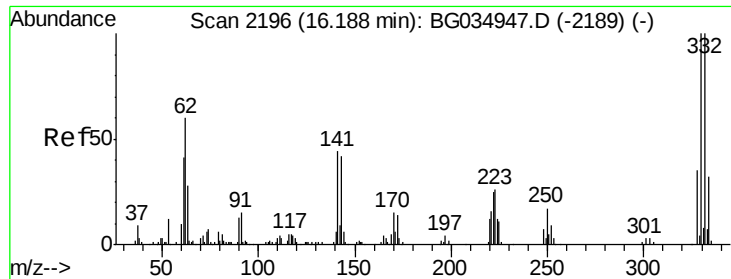
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	42.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035497.D
 Acq: 29 Jun 2018 3:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	46.9	35.4	53.0

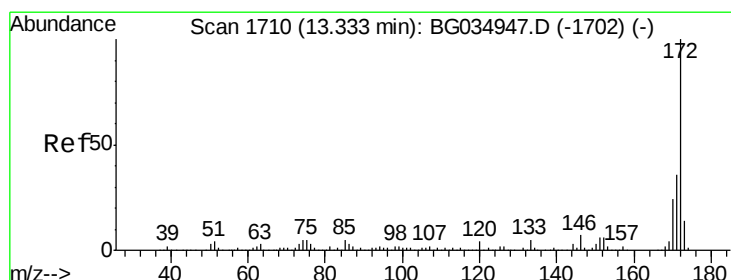
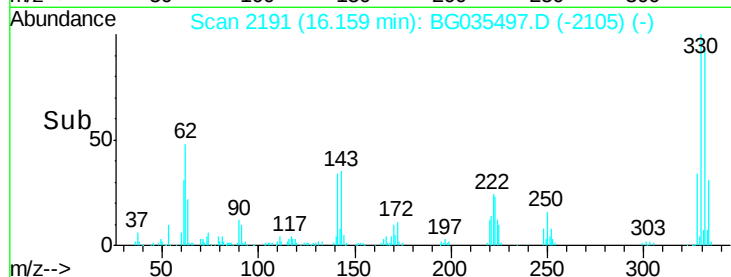
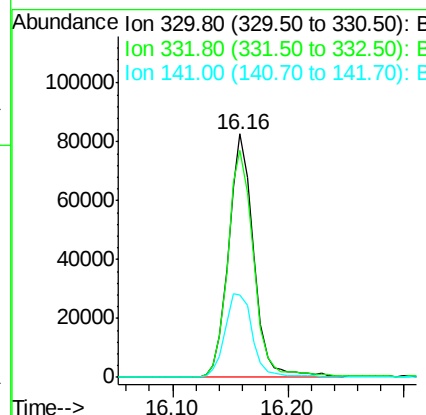
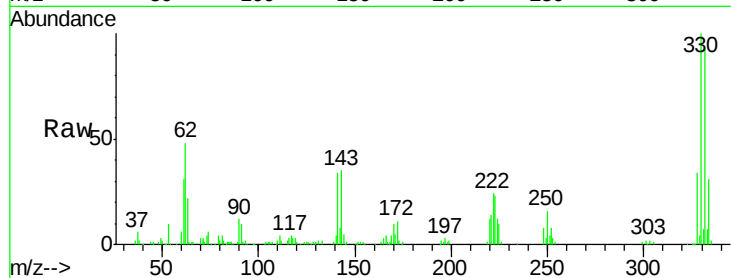




#41
 2,4,6-Tribromophenol
 Concen: 111.174 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035497.D
 Acq: 29 Jun 2018 3:23

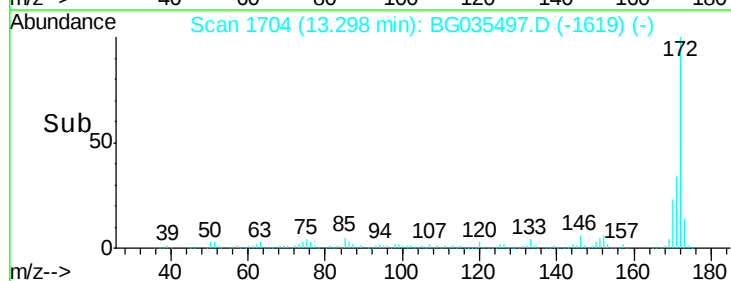
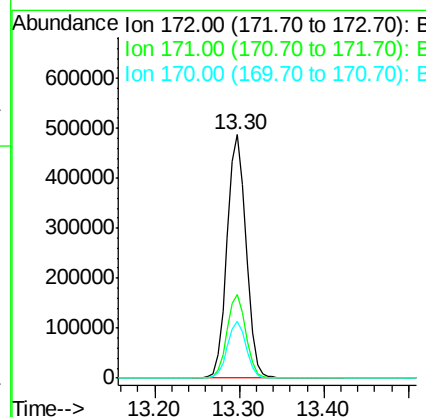
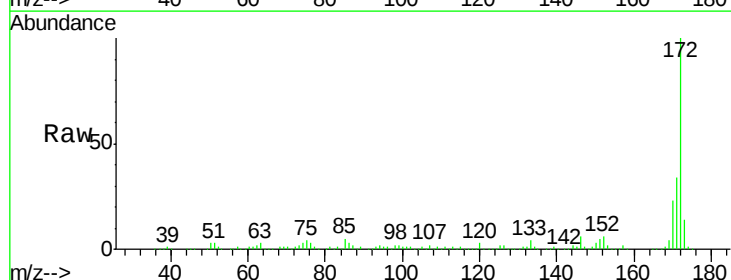
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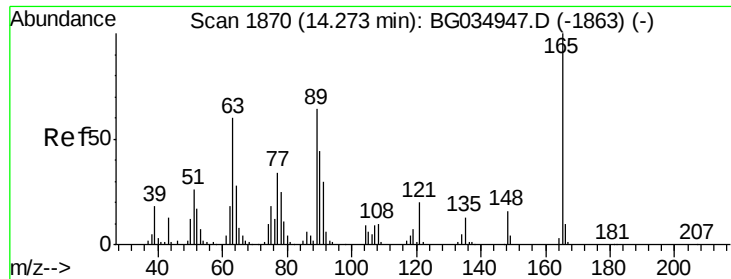
Tgt Ion:330 Resp: 124810
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 38.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 112.285 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035497.D
 Acq: 29 Jun 2018 3:23

Tgt Ion:172 Resp: 757484
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.0 45.0
 170 23.4 19.5 29.3

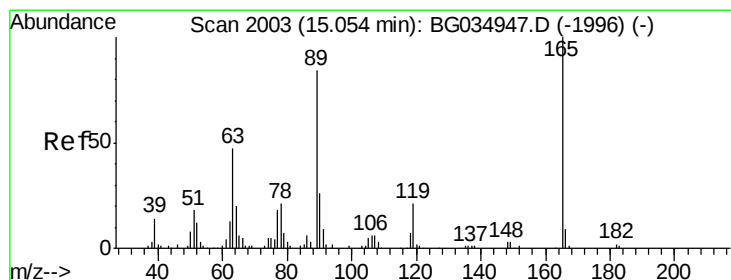
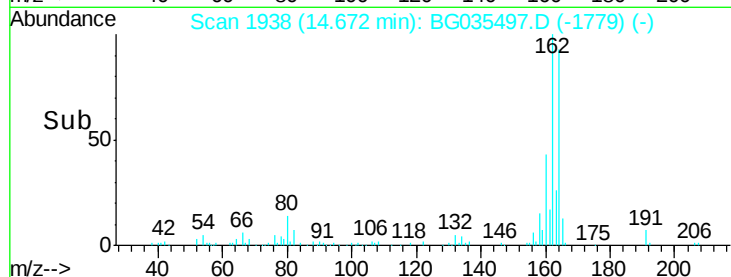
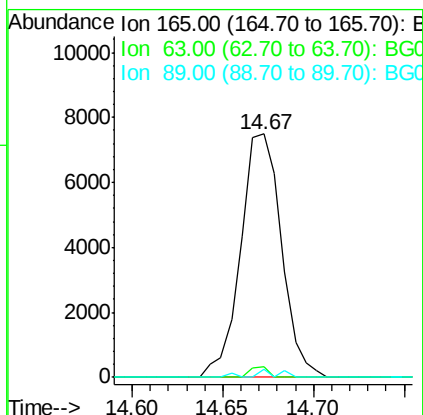
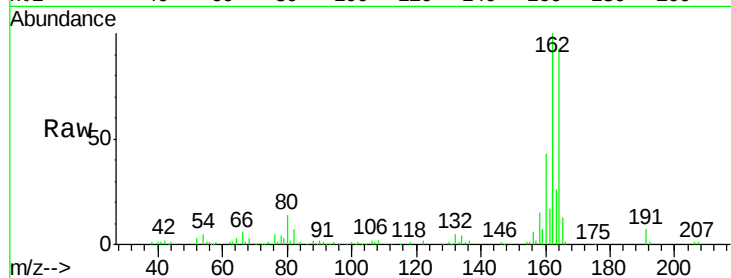




#50
 2,6-Dinitrotoluene
 Concen: 8.394 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035497.D
 Acq: 29 Jun 2018 3:23

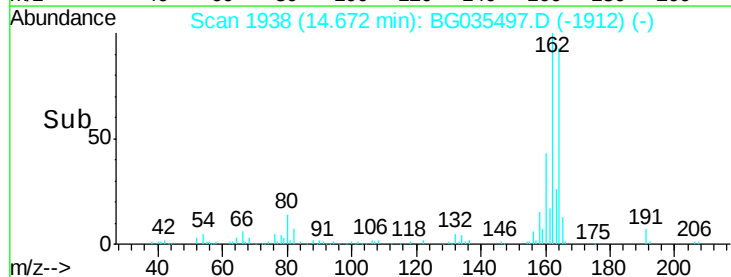
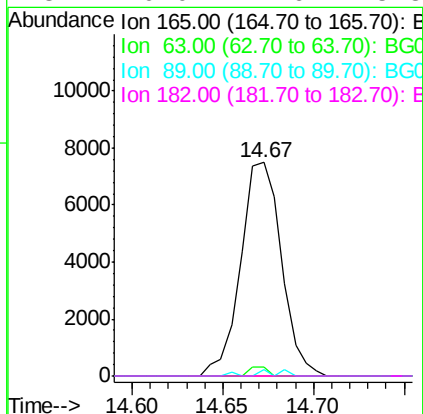
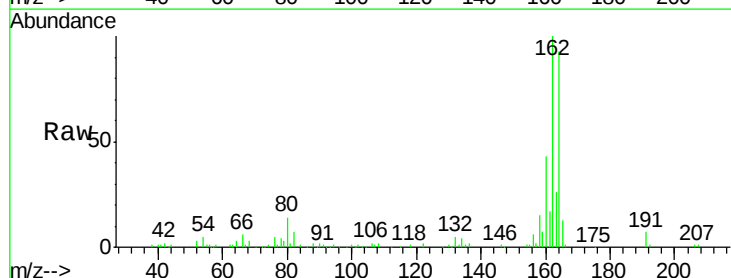
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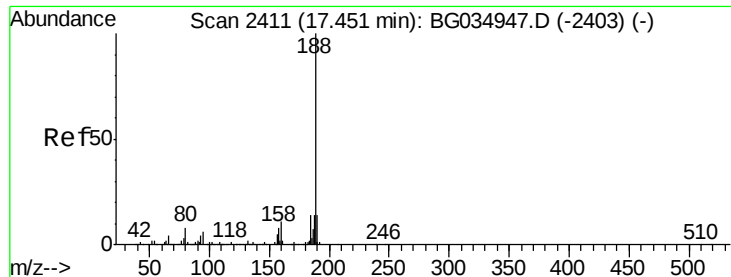
Tgt Ion:165 Resp: 11711
 Ion Ratio Lower Upper
 165 100
 63 4.2 52.7 79.1#
 89 3.2 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.319 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035497.D
 Acq: 29 Jun 2018 3:23

Tgt Ion:165 Resp: 11711
 Ion Ratio Lower Upper
 165 100
 63 4.2 42.0 63.0#
 89 3.2 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-D-S

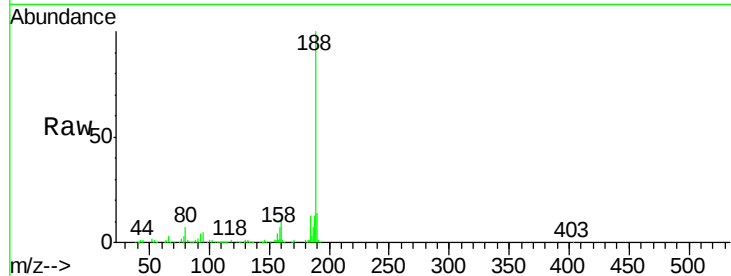
Tgt Ion:188 Resp: 238786

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

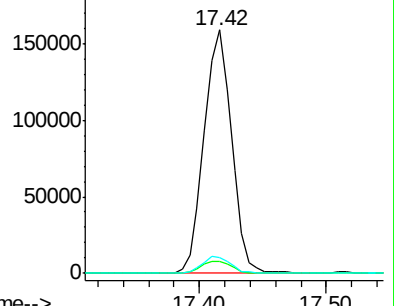
80 6.7 7.7 11.5#



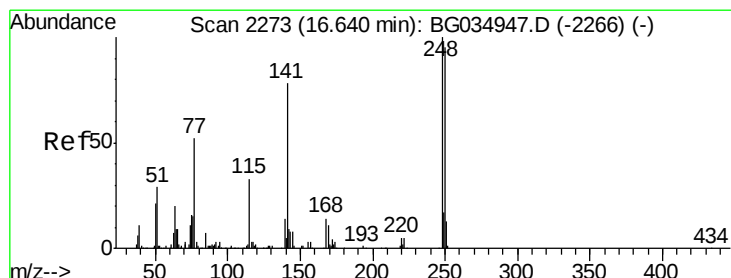
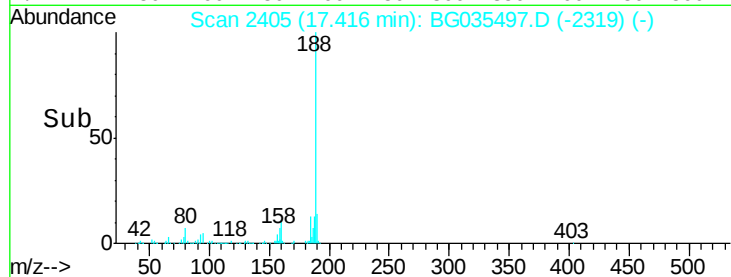
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.267 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

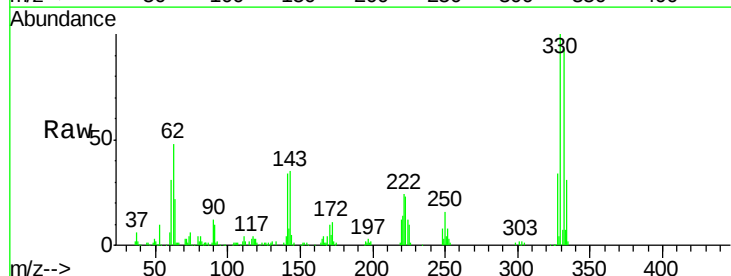
Tgt Ion:248 Resp: 9395

Ion Ratio Lower Upper

248 100

250 186.1 77.1 115.7#

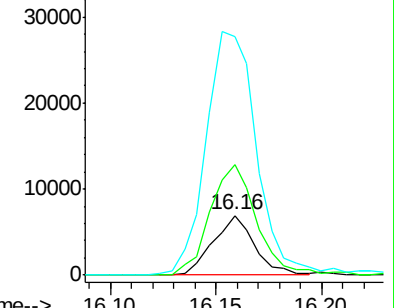
141 403.2 50.8 76.2#



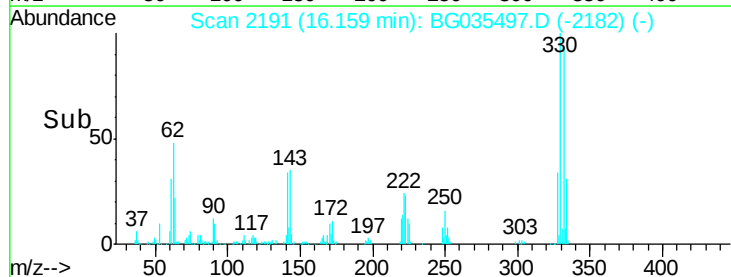
Abundance Ion 248.00 (247.70 to 248.70): E

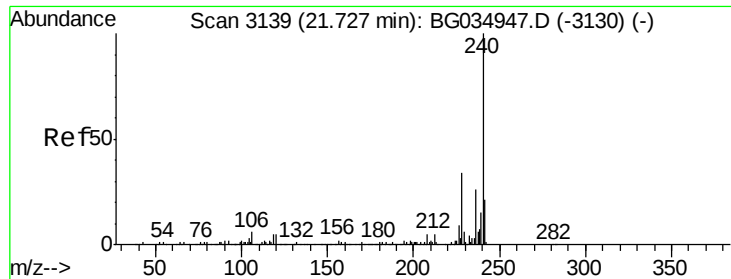
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-D-S

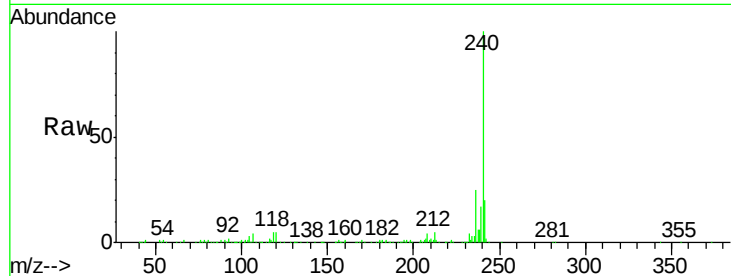
Tgt Ion:240 Resp: 263528

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

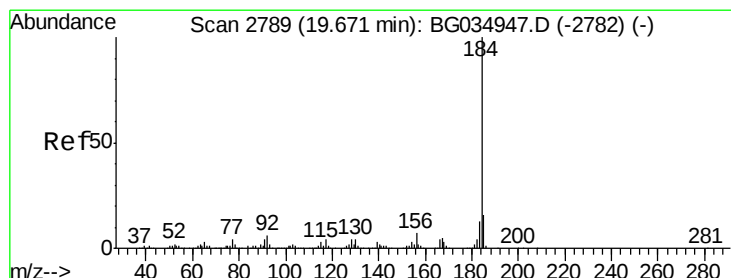
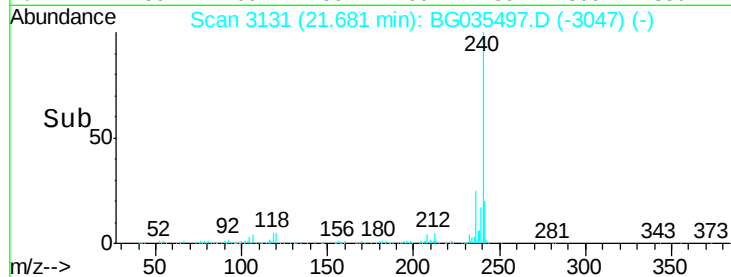
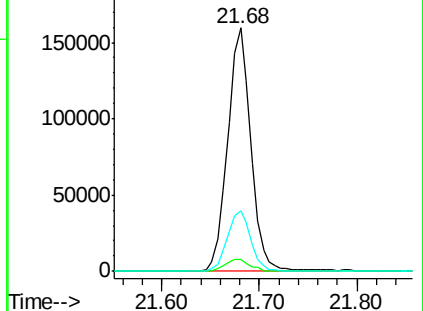
236 25.0 20.9 31.3



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



#76

Benzidine

Concen: 2.201 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.35 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

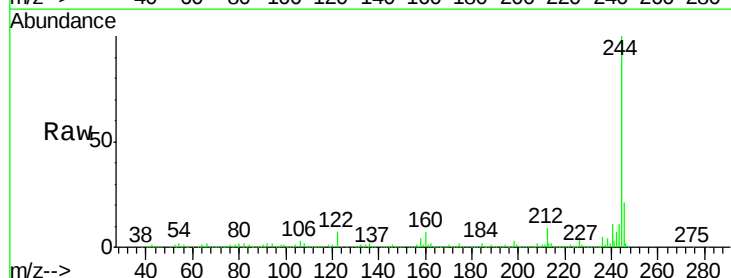
Tgt Ion:184 Resp: 21575

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

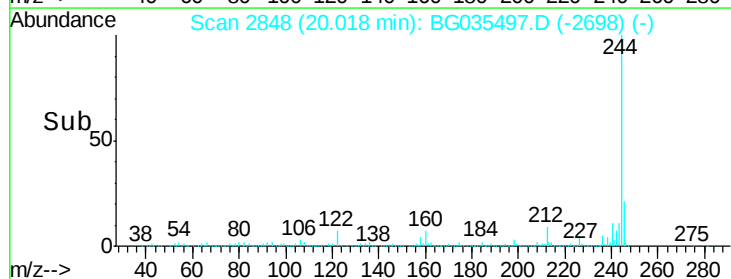
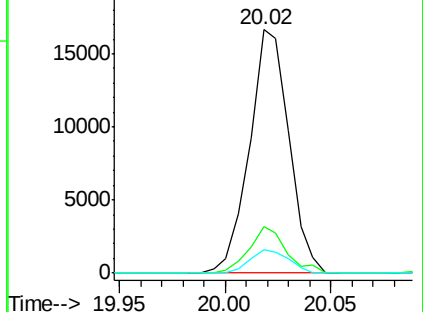
183 9.7 10.6 16.0#

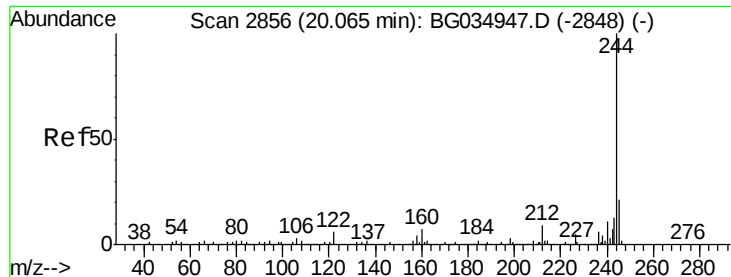


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 106.243 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

062518-TIPC-F-D-S

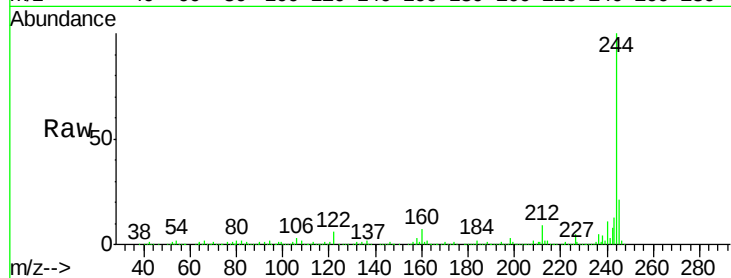
Tgt Ion:244 Resp: 1336626

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

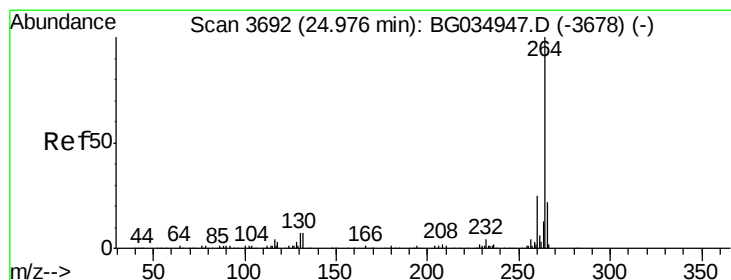
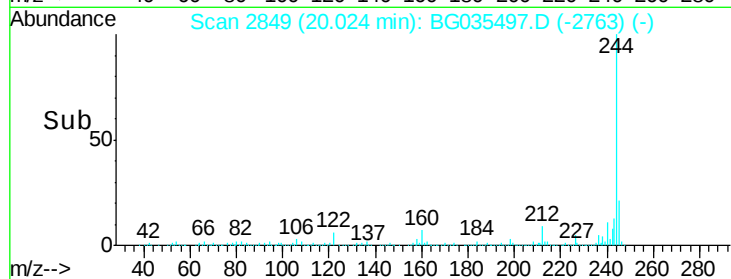
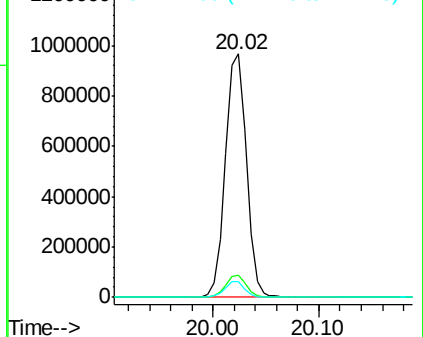
122 6.2 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035497.D

Acq: 29 Jun 2018 3:23

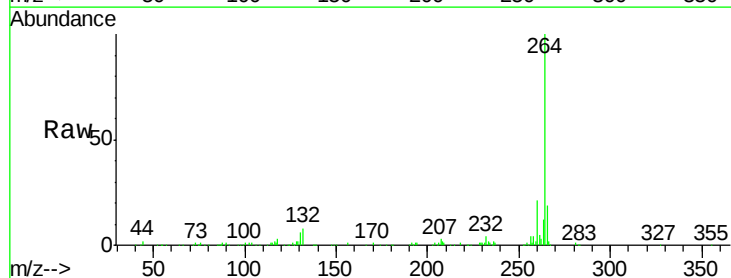
Tgt Ion:264 Resp: 244212

Ion Ratio Lower Upper

264 100

260 21.0 17.4 26.0

265 19.2 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

