

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042294.D
 Acq On : 17 Aug 2019 17:23
 Operator : HP/JU
 Sample : K3616-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-C

Quant Time: Aug 19 05:58:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59922	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	219012	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	159633	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	394812	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	482577	20.00	ng	-0.04
87) Perylene-d12	24.94	264	538725	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	389546	126.48	ng	-0.03
7) Phenol-d6	7.17	99	472978	113.91	ng	-0.03
23) Nitrobenzene-d5	9.17	82	332877	104.59	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	337296	186.02	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	991836	109.58	ng	-0.04
79) Terphenyl-d14	20.03	244	1959186	92.90	ng	-0.03

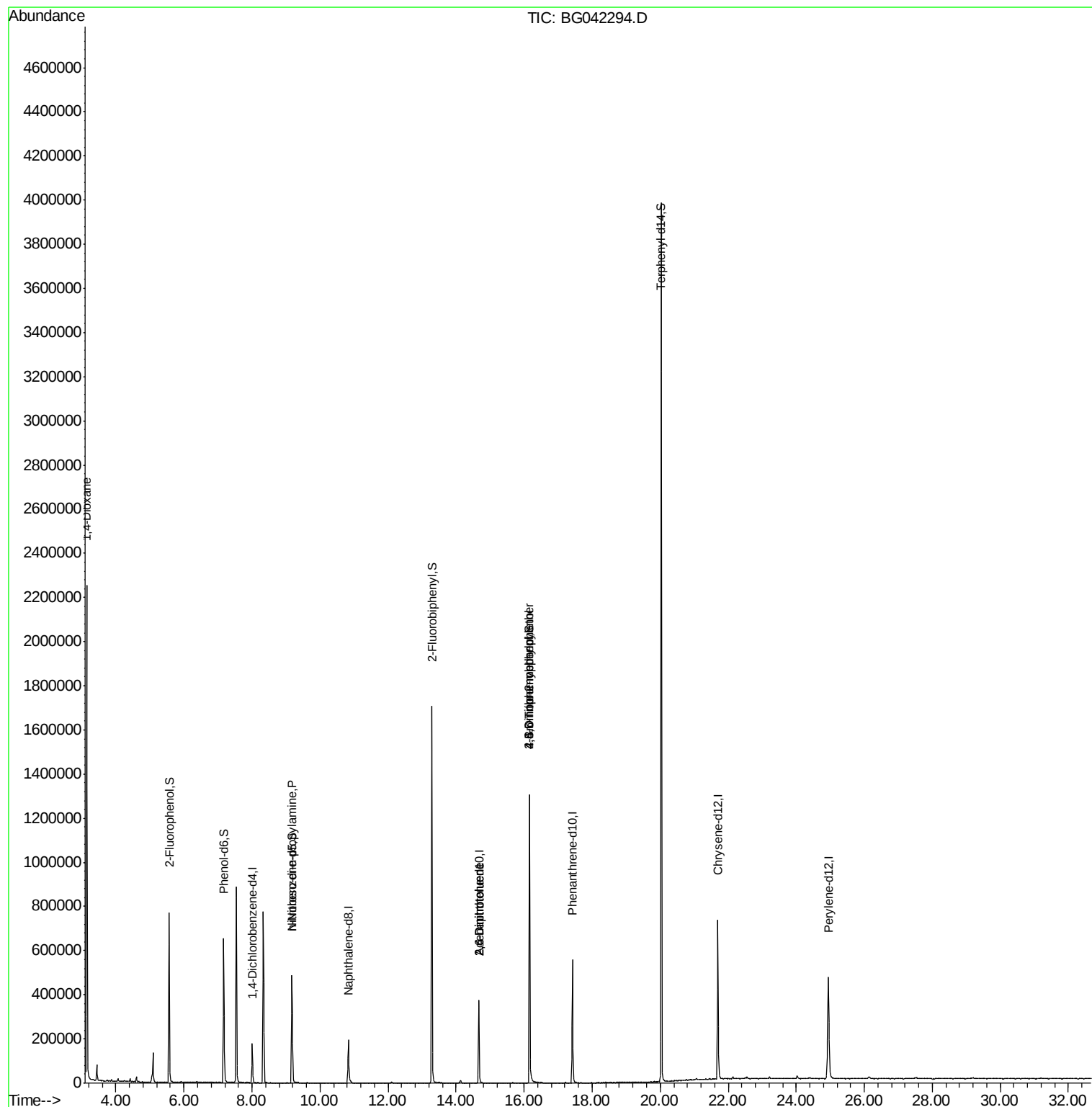
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	23594	16.276	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	40611	13.472	ng	# 64
51) 2,6-Dinitrotoluene	14.67	165	20469	8.979	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	20469	6.529	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.16	198	717	7.170	ng	# 24
67) 4-Bromophenyl-phenylether	16.16	248	23297	4.790	ng	# 1

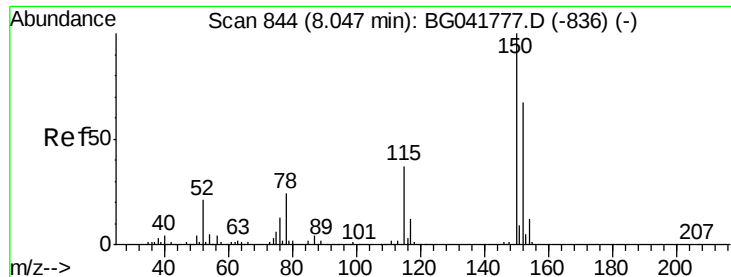
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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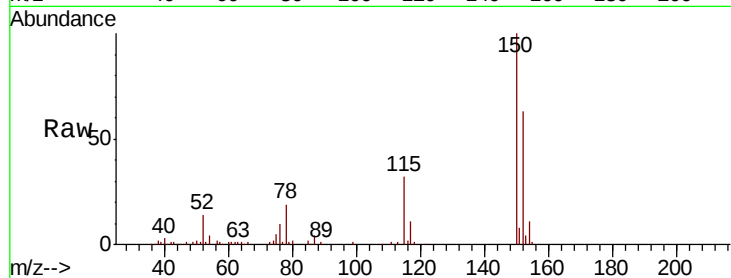


#1

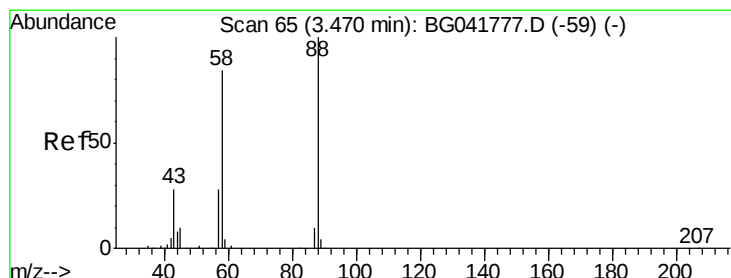
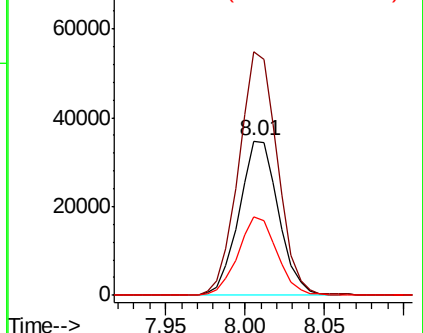
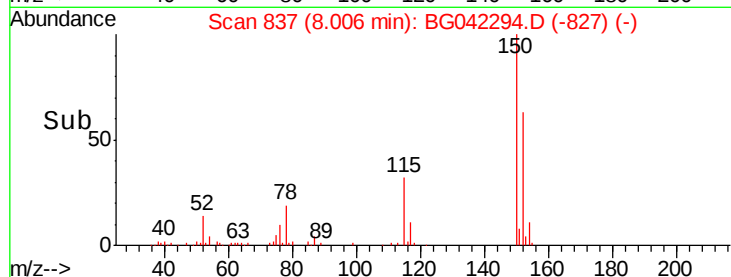
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042294.D
Acq: 17 Aug 2019 17:23

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-C

Tgt Ion:152 Resp: 59922
Ion Ratio Lower Upper
152 100
150 157.6 126.9 190.3
115 50.5 45.0 67.6



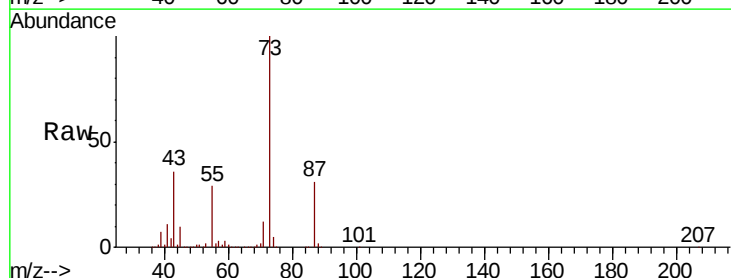
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



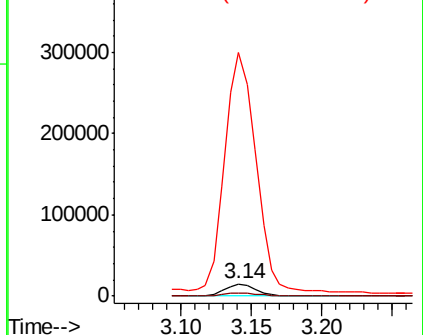
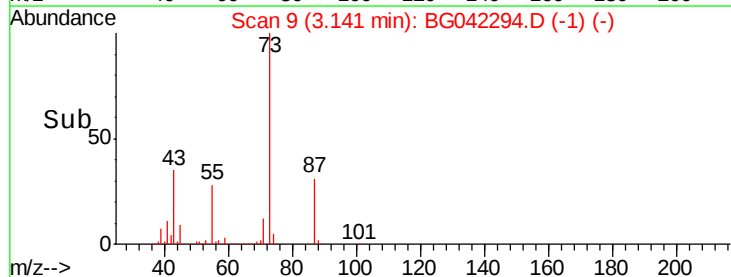
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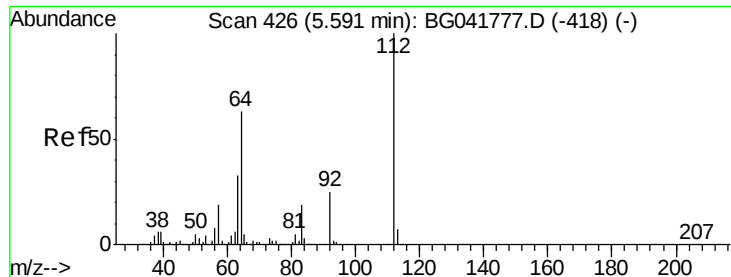
1,4-Dioxane
Concen: 16.276 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042294.D
Acq: 17 Aug 2019 17:23

Tgt Ion: 88 Resp: 23594
Ion Ratio Lower Upper
88 100
58 23.7 76.2 114.2#
43 1950.7 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 126.483 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.03 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

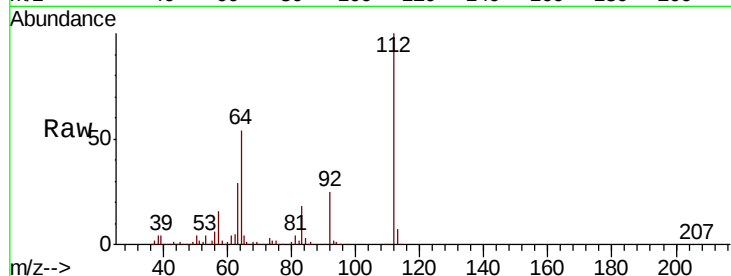
Tgt Ion:112 Resp: 389546

Ion Ratio Lower Upper

112 100

64 54.2 55.4 83.2#

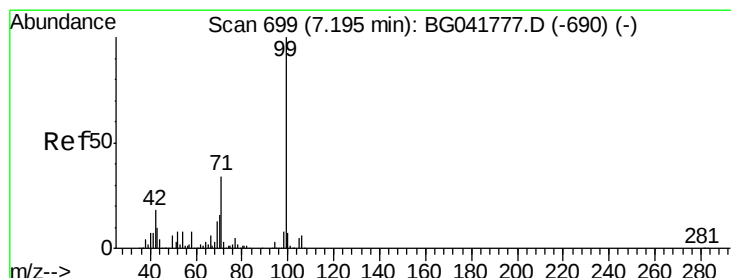
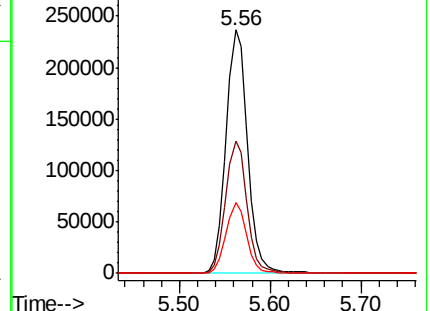
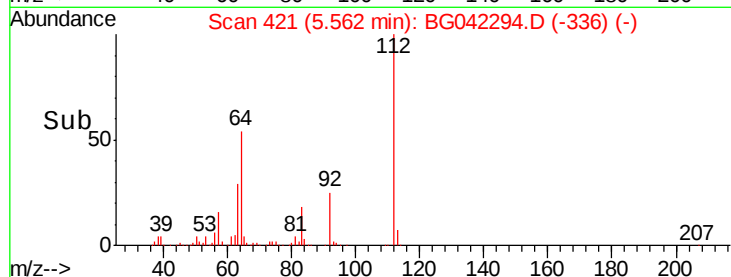
63 29.1 29.1 43.7#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 113.912 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

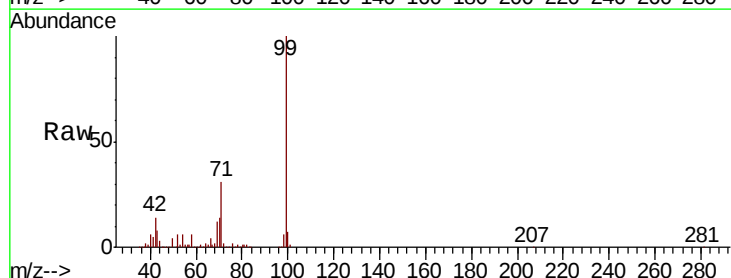
Tgt Ion: 99 Resp: 472978

Ion Ratio Lower Upper

99 100

42 14.4 17.6 26.4#

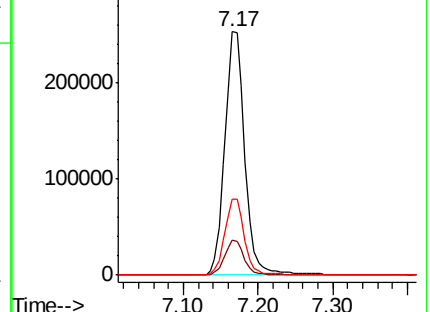
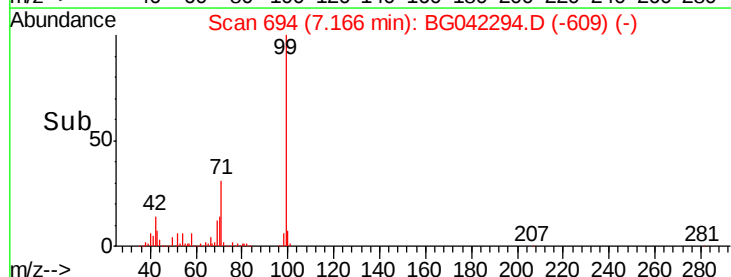
71 31.3 27.8 41.6

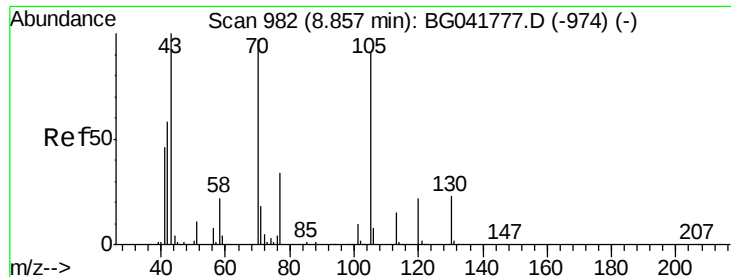


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

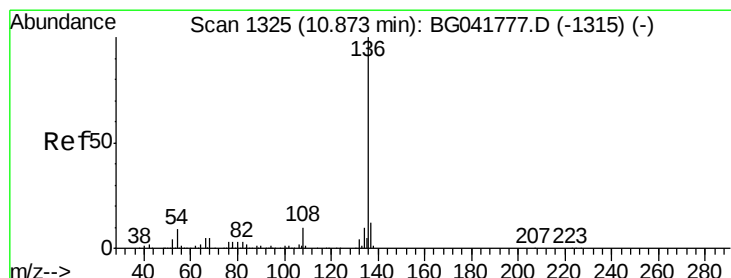
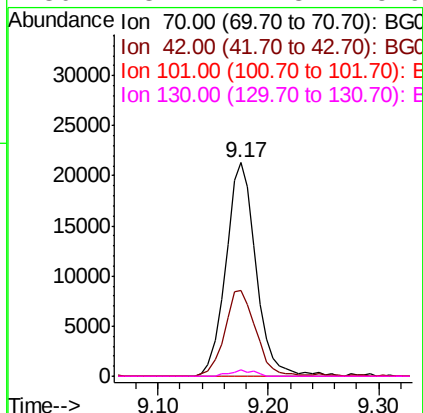
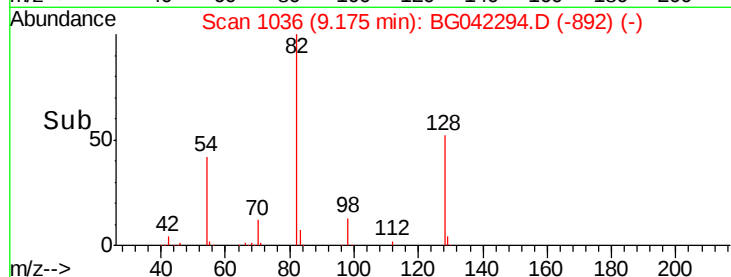
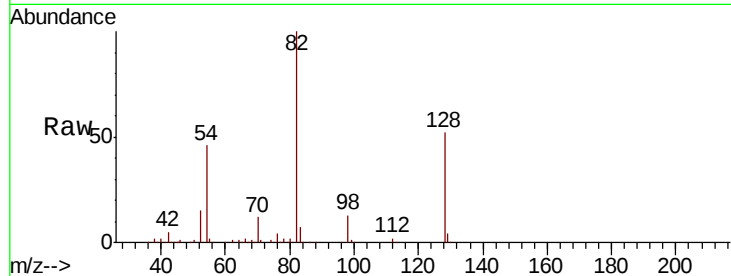




#19
n-Nitroso-di-n-propylamine
Concen: 13.472 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042294.D
Acq: 17 Aug 2019 17:23

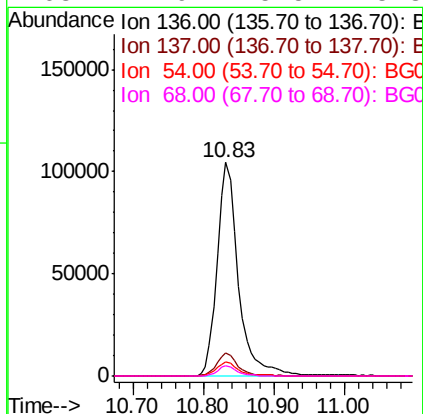
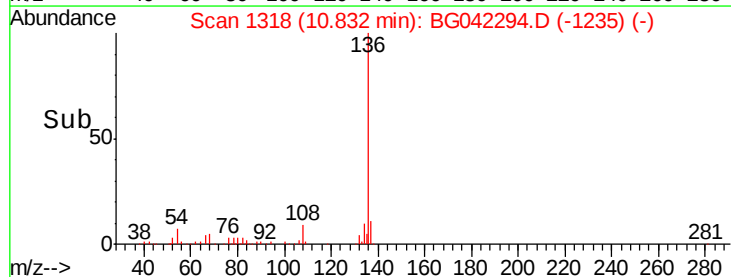
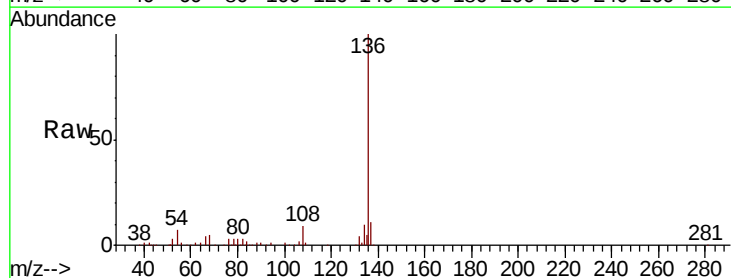
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-C

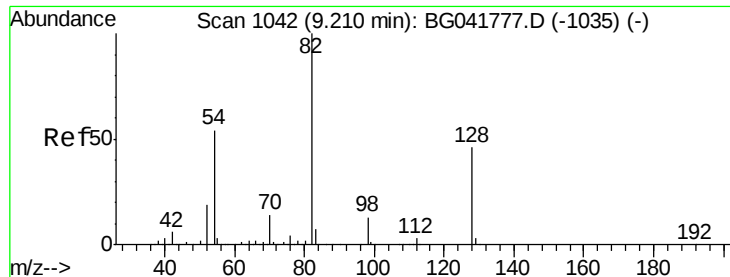
Tgt Ion: 70 Resp: 40611
Ion Ratio Lower Upper
70 100
42 40.2 55.8 83.6#
101 0.0 8.1 12.1#
130 3.1 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042294.D
Acq: 17 Aug 2019 17:23

Tgt Ion: 136 Resp: 219012
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.7 8.7 13.1#
68 4.9 5.5 8.3#

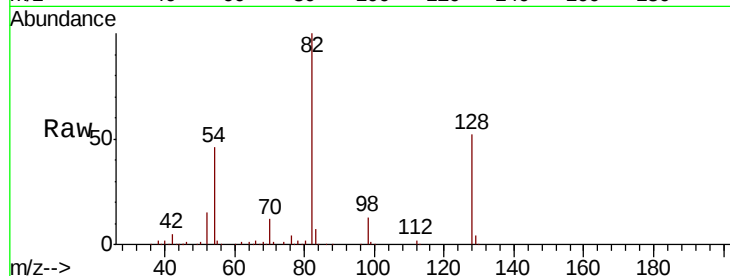




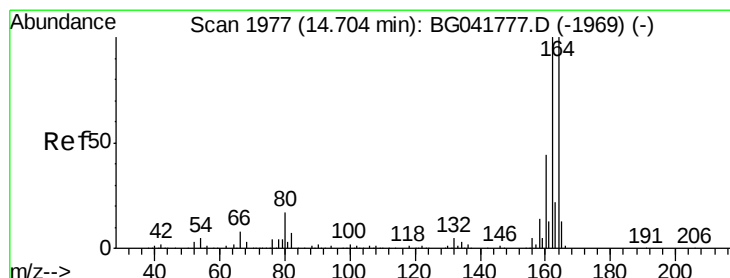
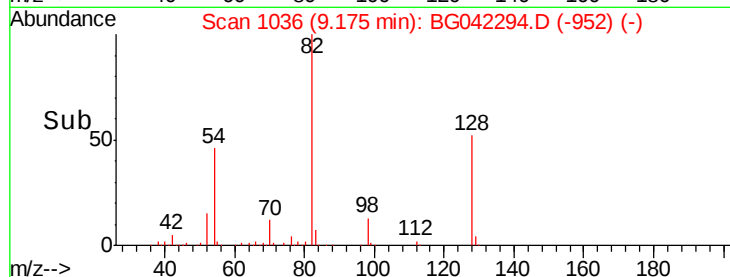
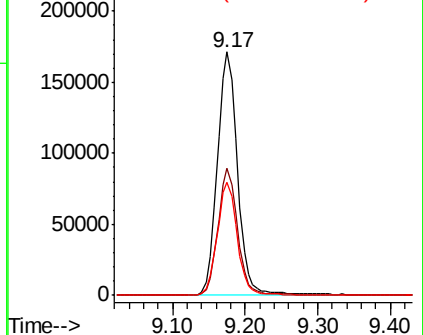
#23
 Nitrobenzene-d5
 Concen: 104.594 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-C

Tgt Ion: 82 Resp: 332877
 Ion Ratio Lower Upper
 82 100
 128 52.3 35.1 52.7
 54 46.5 48.7 73.1#

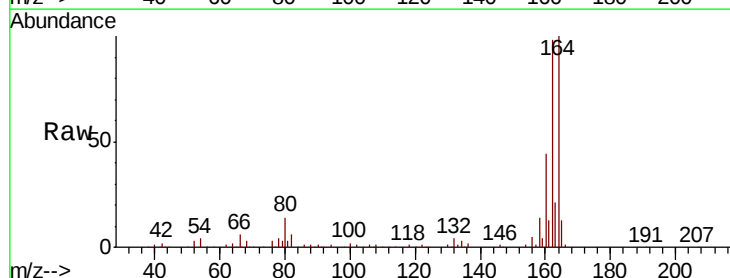


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

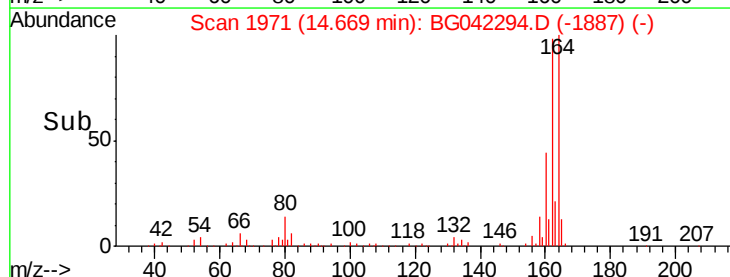
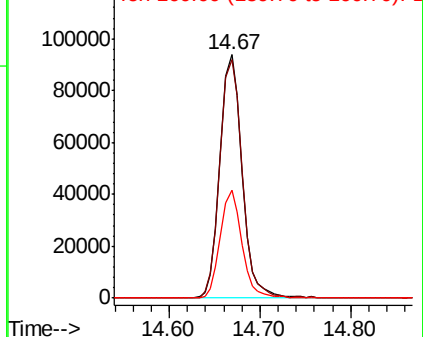


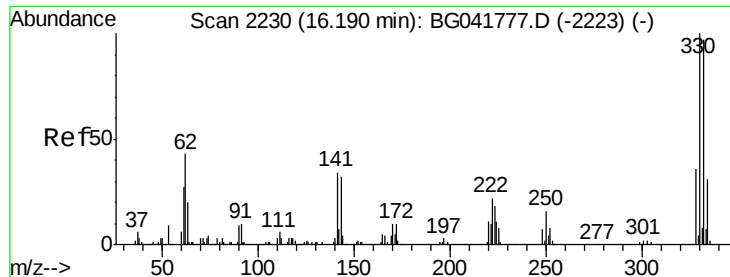
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Tgt Ion: 164 Resp: 159633
 Ion Ratio Lower Upper
 164 100
 162 98.0 79.6 119.4
 160 44.2 35.4 53.0



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





#42

2,4,6-Tribromophenol

Concen: 186.021 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

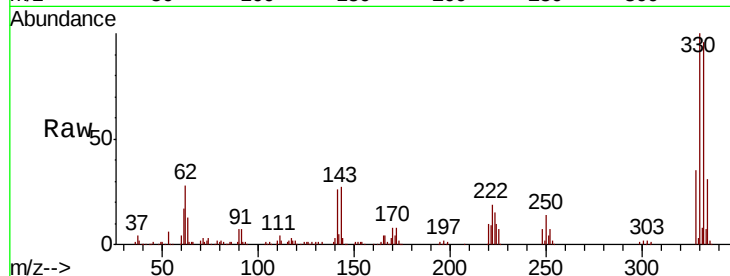
Tgt Ion:330 Resp: 337296

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

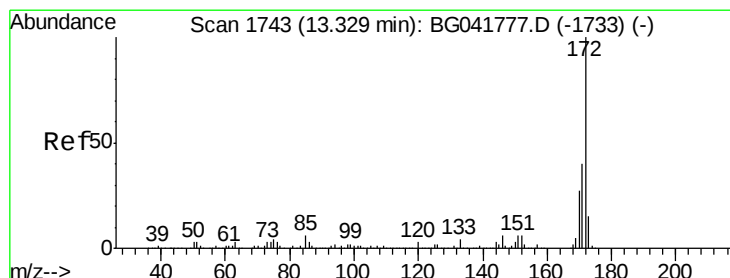
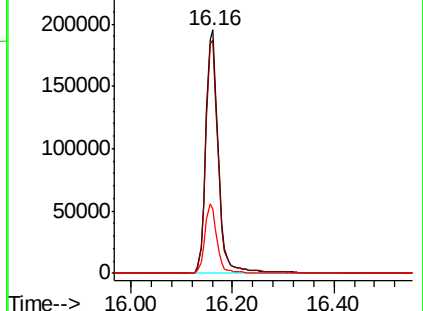
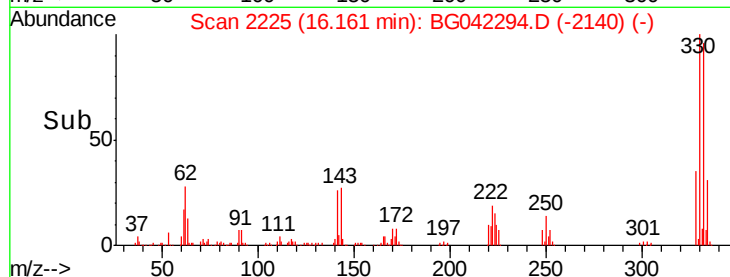
141 27.5 31.9 47.9#



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: 109.584 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.04 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

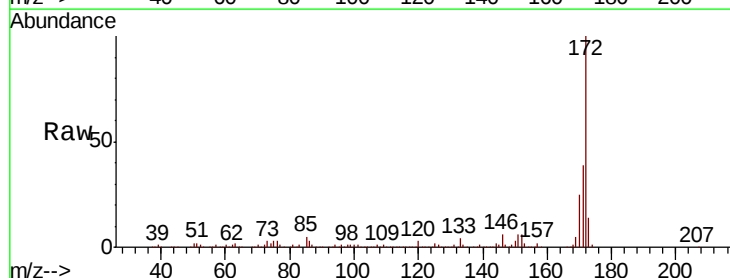
Tgt Ion:172 Resp: 991836

Ion Ratio Lower Upper

172 100

171 38.6 35.0 52.4

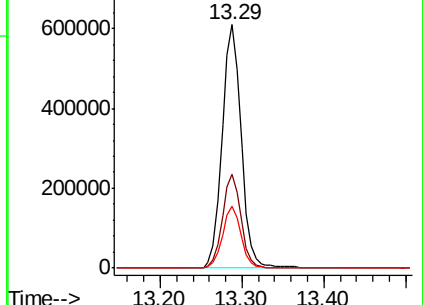
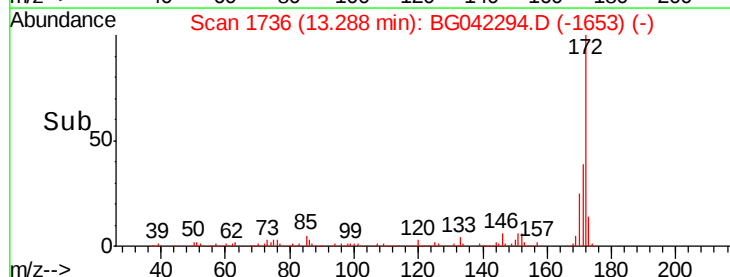
170 25.2 23.5 35.3

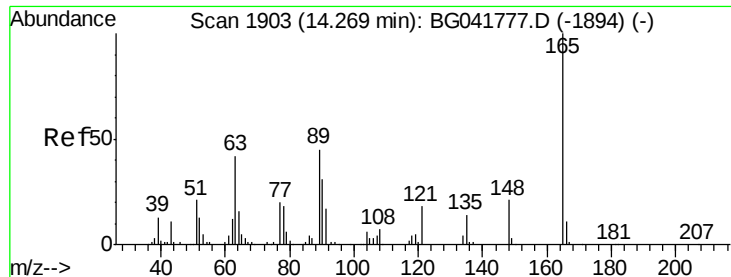


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

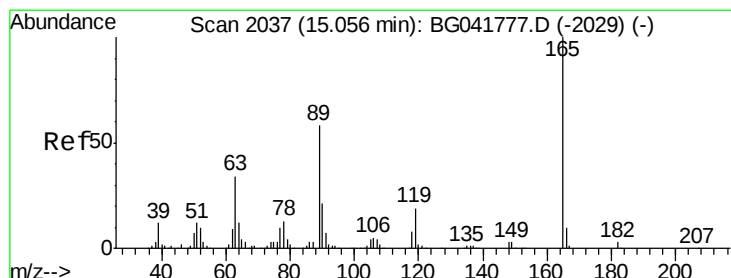
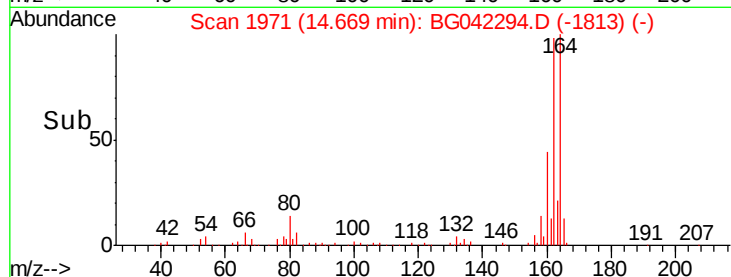
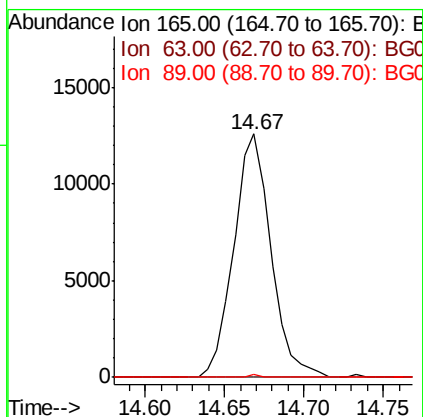
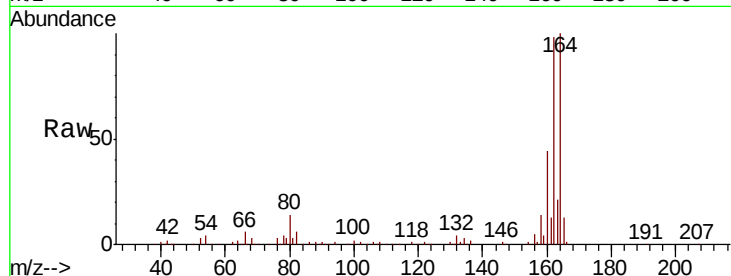




#51
 2,6-Dinitrotoluene
 Concen: 8.979 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.40 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

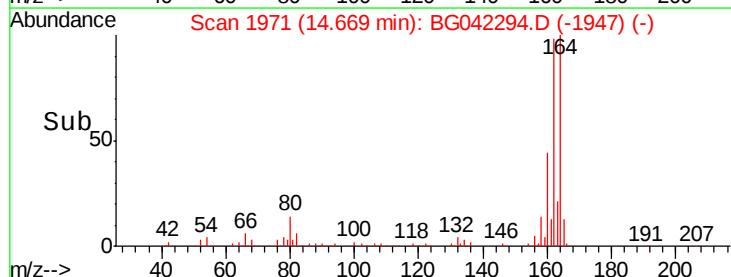
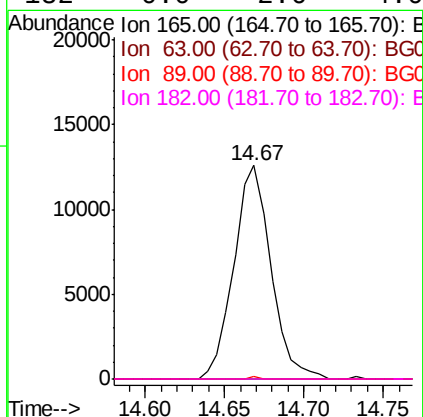
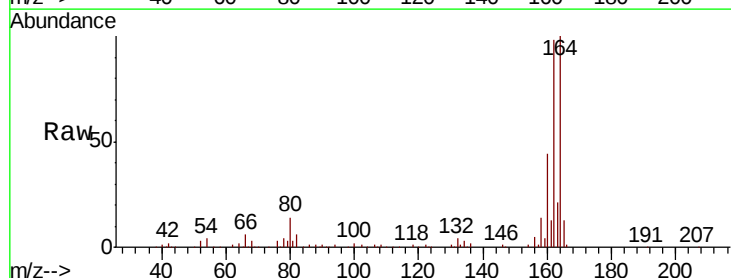
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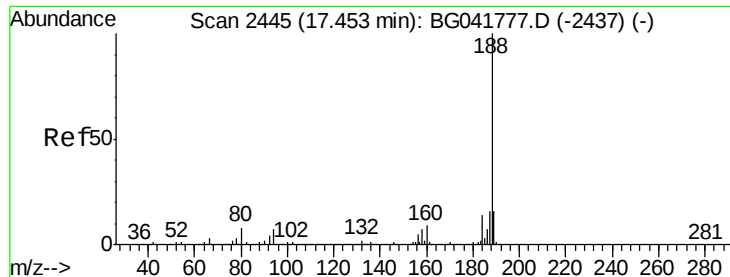
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	1.3	42.1	63.1#



#57
 2,4-Dinitrotoluene
 Concen: 6.529 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.39 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.3	50.2	75.4#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

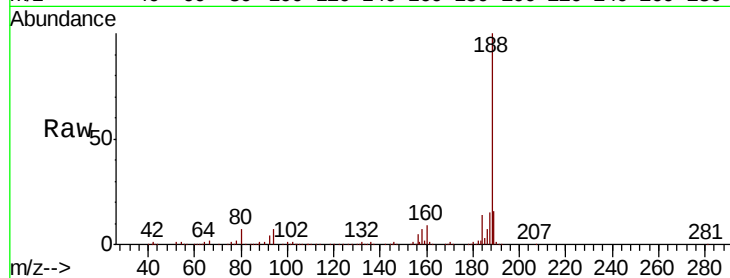
Tgt Ion:188 Resp: 394812

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

80 7.1 8.0 12.0#



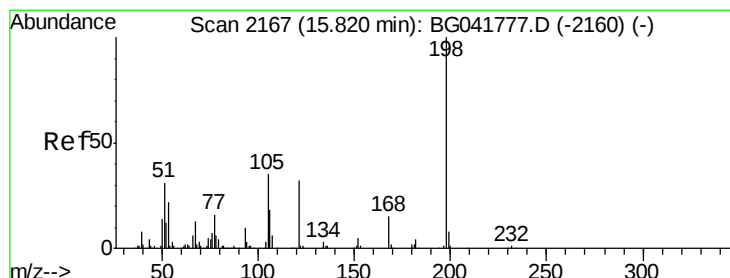
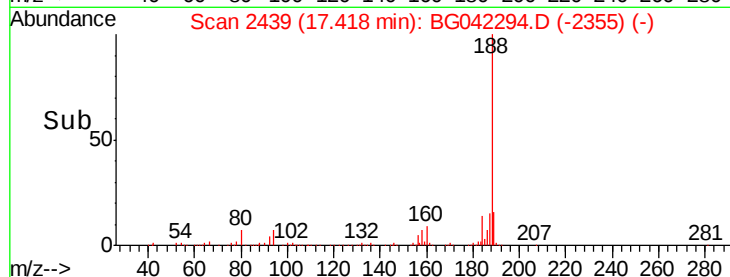
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.42

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.170 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.34 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

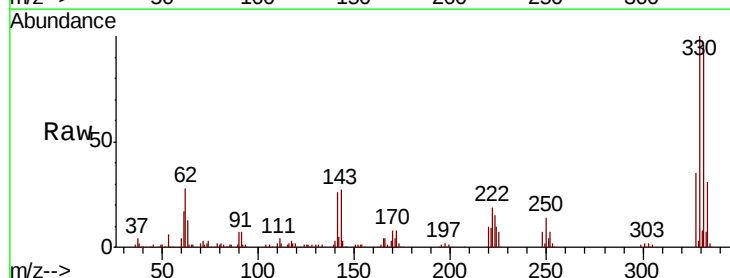
Tgt Ion:198 Resp: 717

Ion Ratio Lower Upper

198 100

51 61.2 22.3 62.3

105 115.0 18.0 58.0#



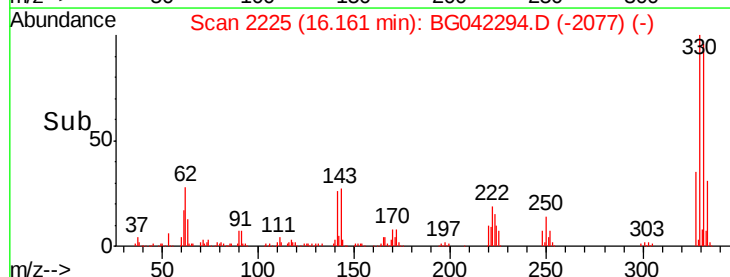
Abundance Ion 198.00 (197.70 to 198.70): E

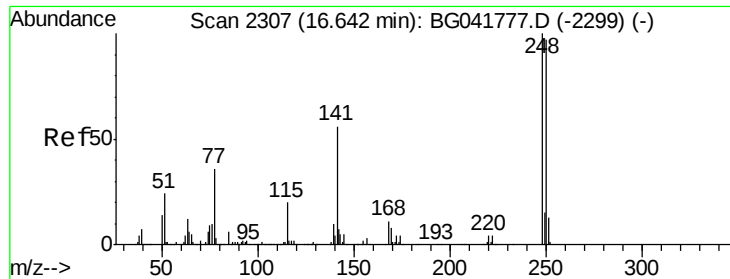
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

16.16

Time-->

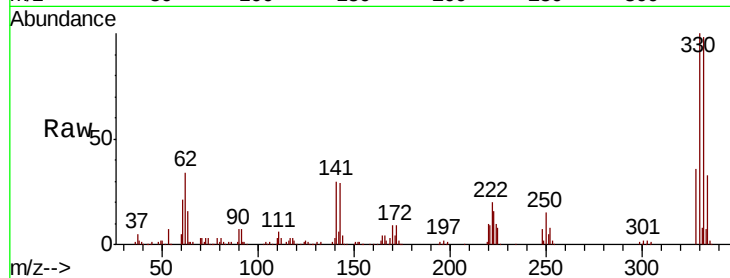




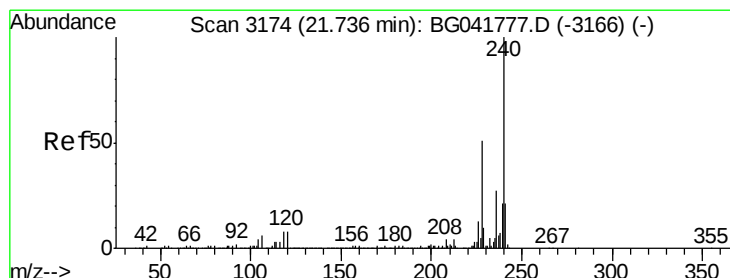
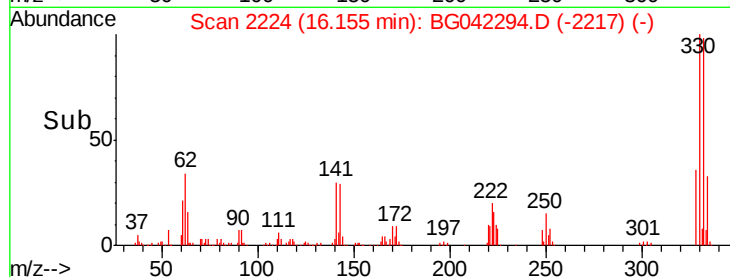
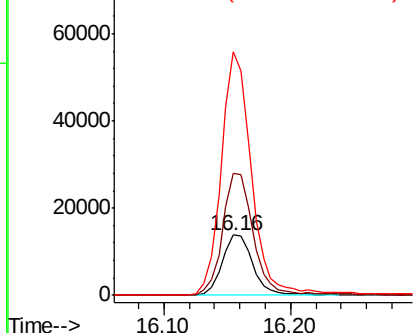
#67
 4-Bromophenyl-phenylether
 Concen: 4.790 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.49 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-C

Tgt Ion:248 Resp: 23297
 Ion Ratio Lower Upper
 248 100
 250 204.2 78.1 117.1#
 141 405.8 49.6 74.4#

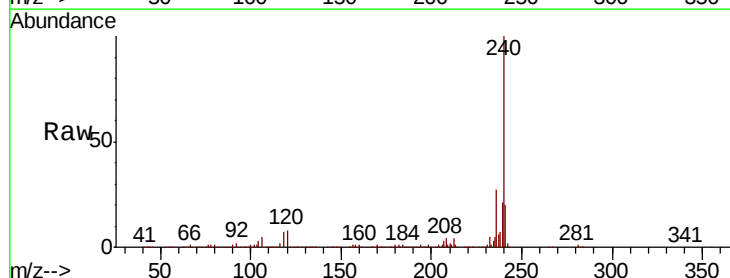


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

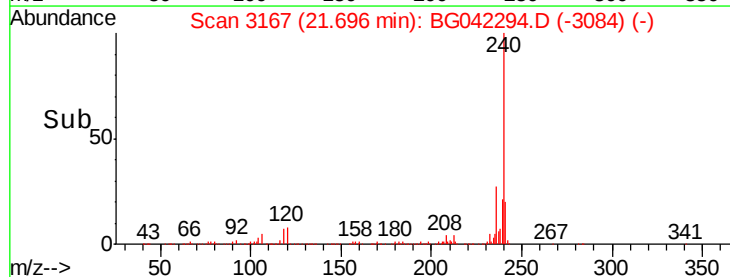
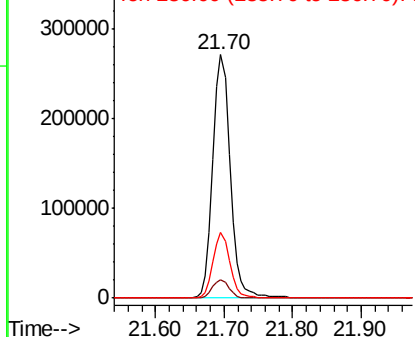


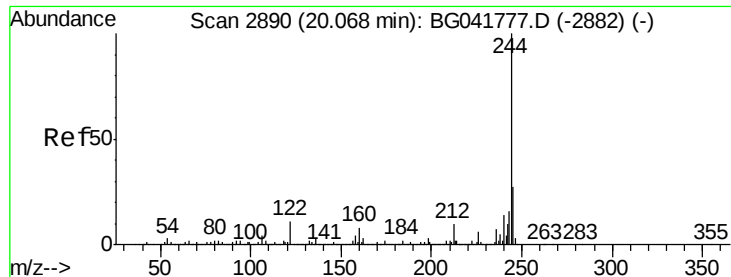
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG042294.D
 Acq: 17 Aug 2019 17:23

Tgt Ion:240 Resp: 482577
 Ion Ratio Lower Upper
 240 100
 120 7.6 8.0 12.0#
 236 26.8 22.6 33.8



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





#79

Terphenyl-d14

Concen: 92.900 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-C

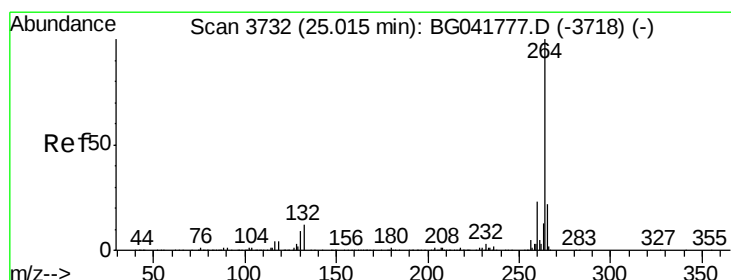
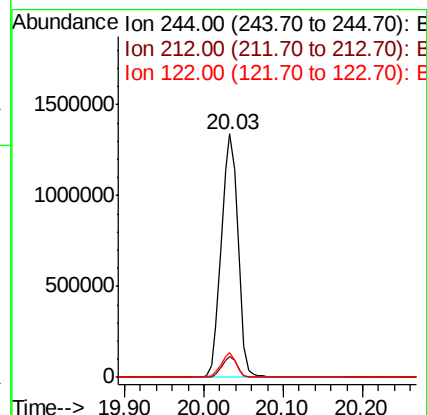
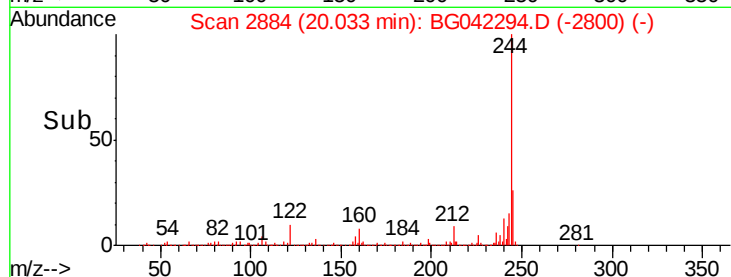
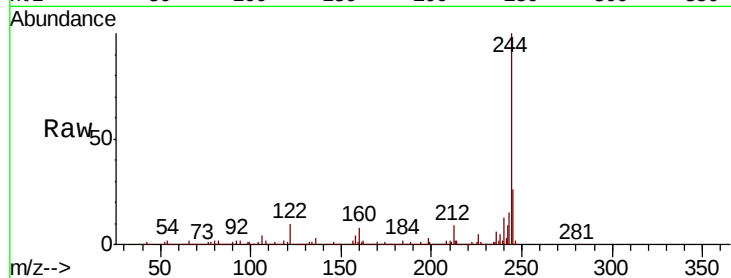
Tgt Ion:244 Resp: 1959186

Ion Ratio Lower Upper

244 100

212 8.7 9.7 14.5#

122 10.1 12.5 18.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.07 min

Lab File: BG042294.D

Acq: 17 Aug 2019 17:23

Tgt Ion:264 Resp: 538725

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.6 18.0 27.0

