

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042282.D
 Acq On : 17 Aug 2019 9:42
 Operator : HP/JU
 Sample : K4356-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Aug 19 05:55:23 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	63949	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	235063	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	169633	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	411824	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	479503	20.00	ng	-0.04
87) Perylene-d12	24.94	264	513649	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	411270	125.13	ng	-0.02
7) Phenol-d6	7.17	99	502507	113.40	ng	-0.02
23) Nitrobenzene-d5	9.17	82	341679	100.03	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	359080	186.36	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1027757	106.86	ng	-0.04
79) Terphenyl-d14	20.03	244	2044570	97.57	ng	-0.03

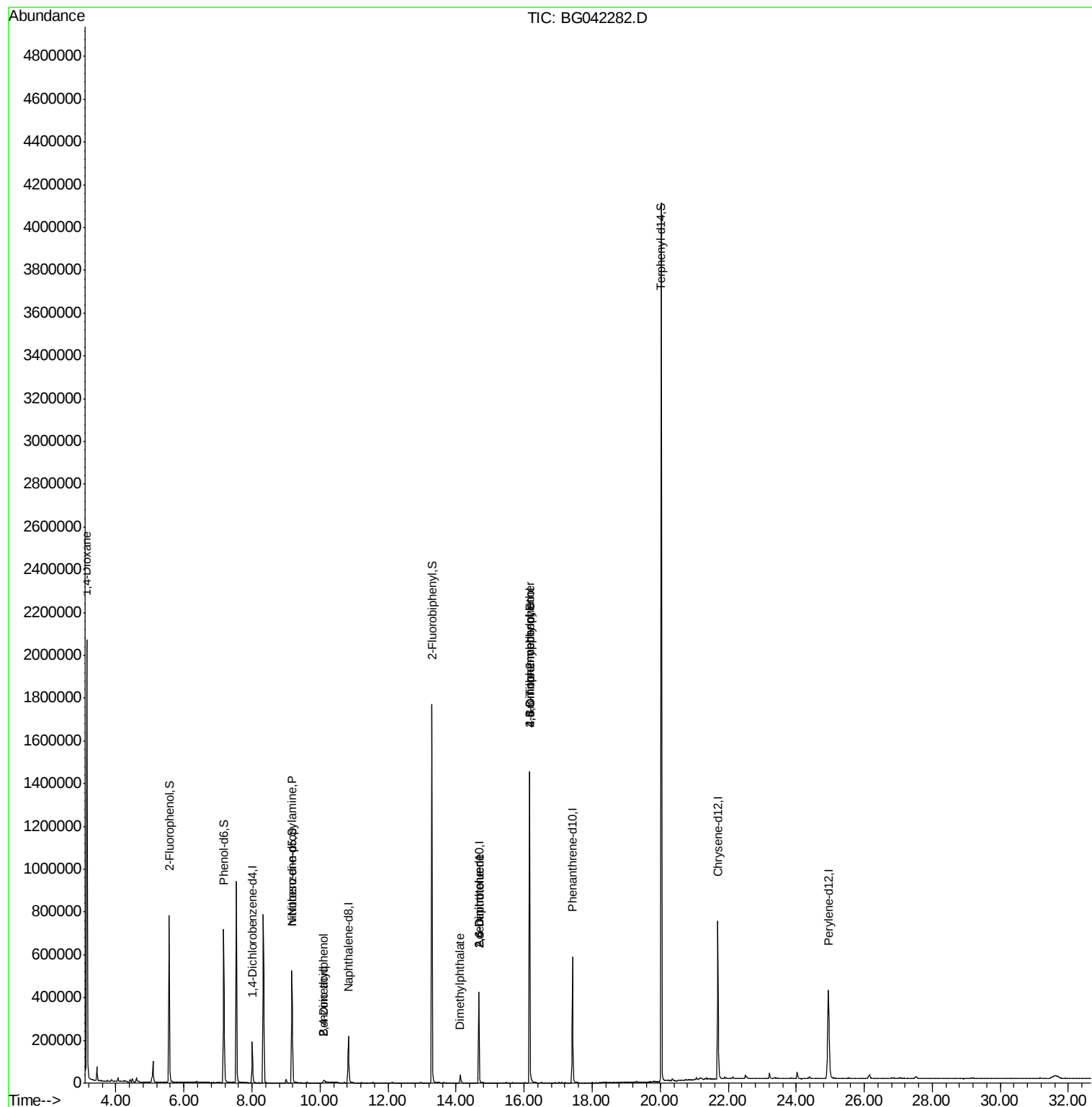
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	22016	14.231	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	43541	13.534	ng	# 63
27) 2,4-Dimethylphenol	10.11	122	7281	2.470	ng	# 3
32) Benzoic acid	10.11	122	7281	11.557	ng	89
50) Dimethylphthalate	14.12	163	43583	3.762	ng	98
51) 2,6-Dinitrotoluene	14.67	165	21732	8.971	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	21732	6.523	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.16	198	709	7.154	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	25112	4.950	ng	# 1

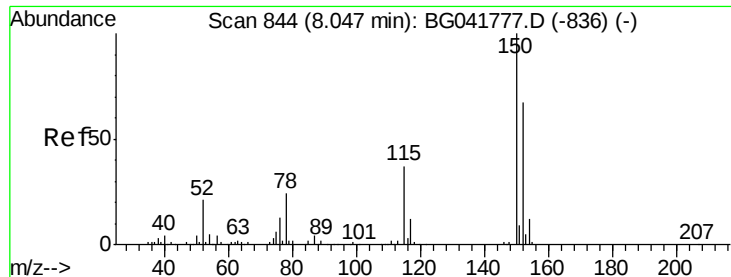
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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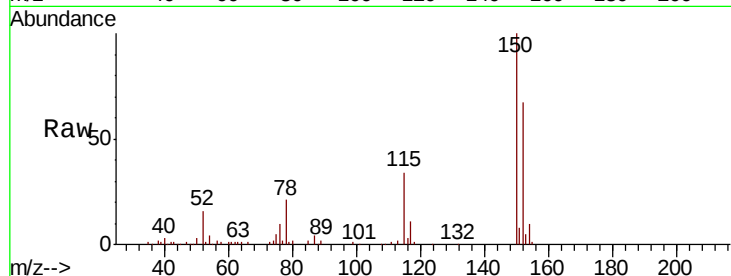


#1

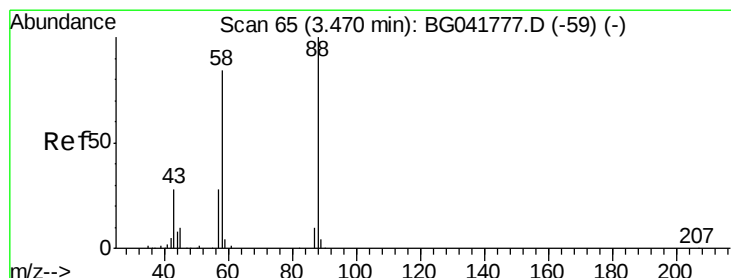
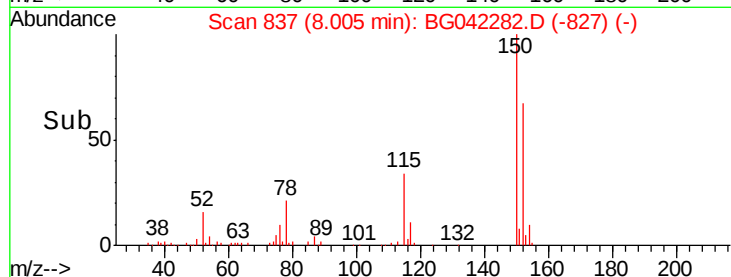
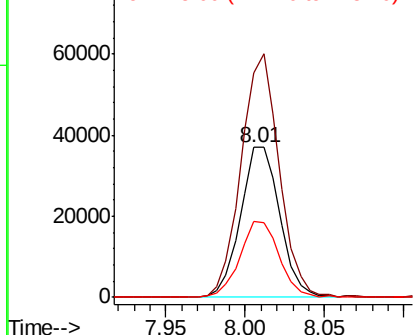
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 63949
Ion Ratio Lower Upper
152 100
150 149.9 126.9 190.3
115 50.6 45.0 67.6



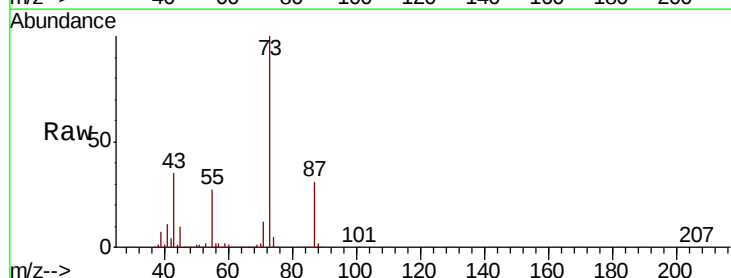
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



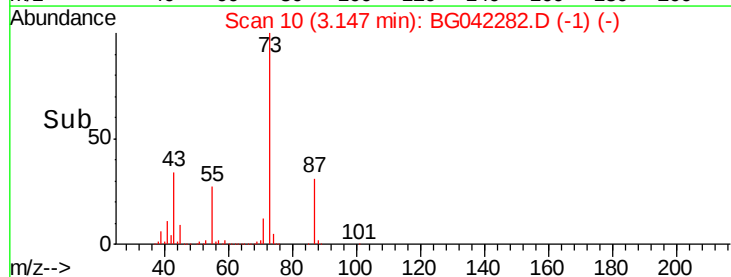
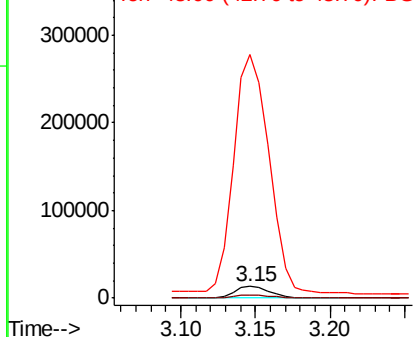
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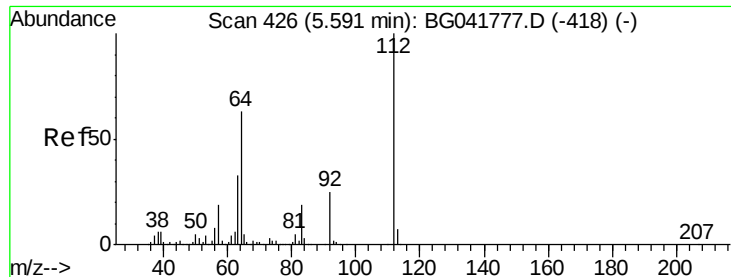
1,4-Dioxane
Concen: 14.231 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.32 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion: 88 Resp: 22016
Ion Ratio Lower Upper
88 100
58 27.2 76.2 114.2#
43 2070.9 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: 125.127 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.02 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

Instrument :

BNA_G

ClientSampled :

TP-1

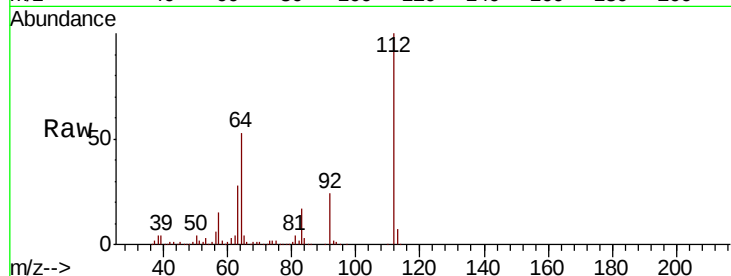
Tgt Ion:112 Resp: 411270

Ion Ratio Lower Upper

112 100

64 53.2 55.4 83.2#

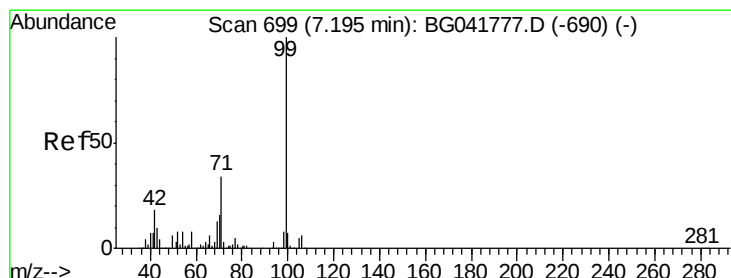
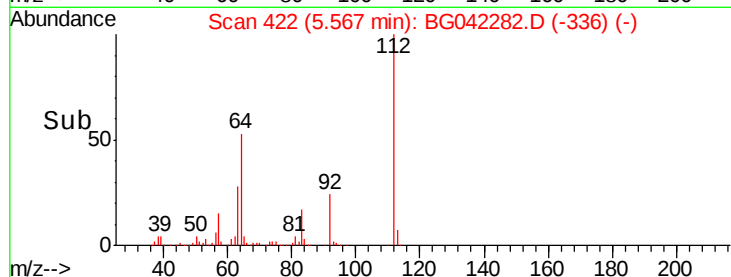
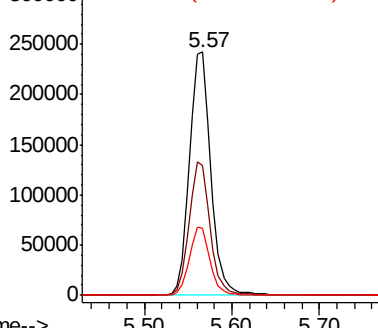
63 27.6 29.1 43.7#



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: 113.403 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

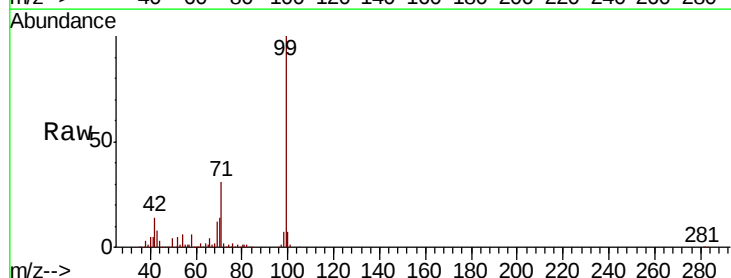
Tgt Ion: 99 Resp: 502507

Ion Ratio Lower Upper

99 100

42 14.2 17.6 26.4#

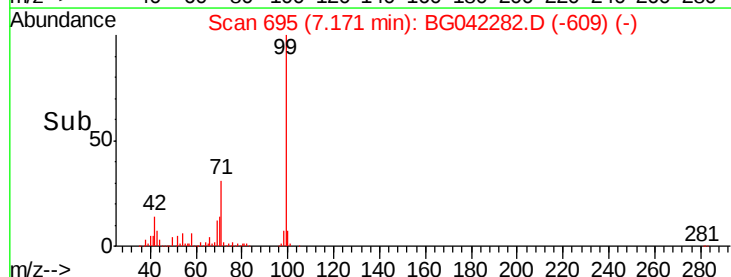
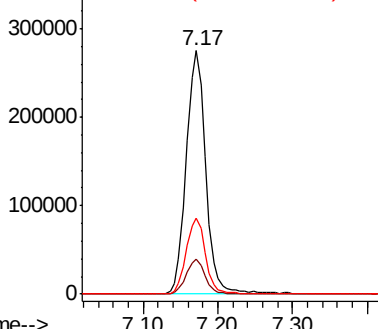
71 31.2 27.8 41.6

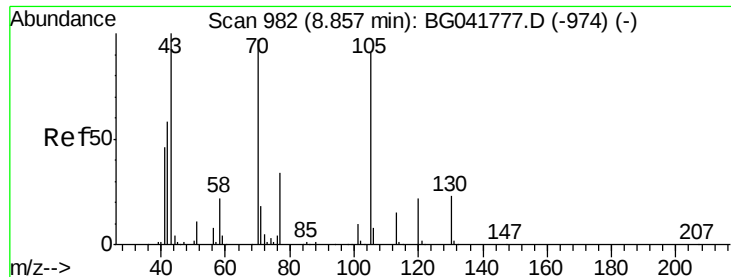


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

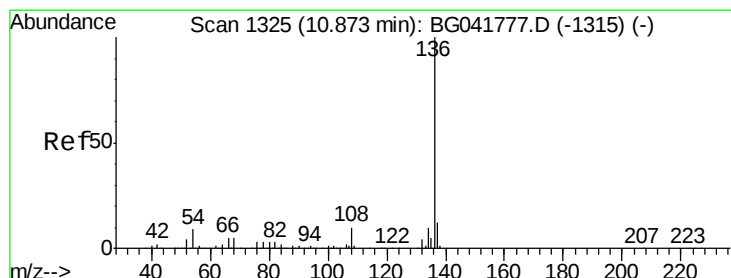
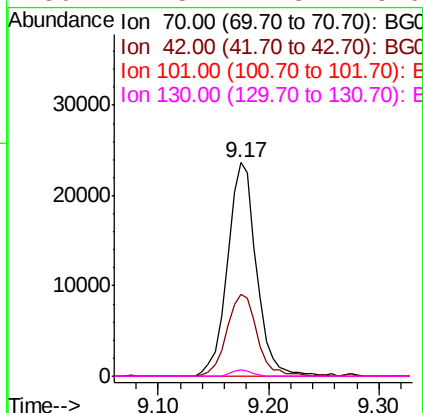
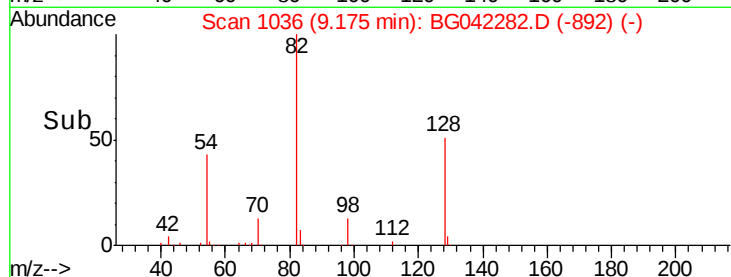
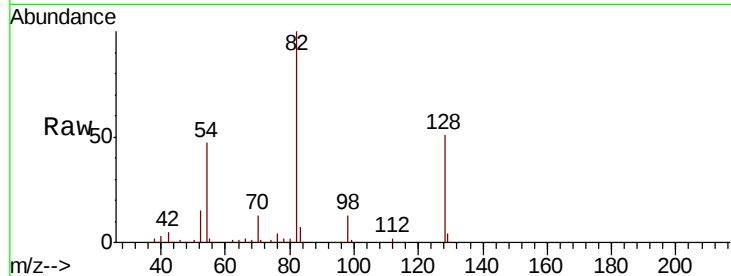




#19
n-Nitroso-di-n-propylamine
Concen: 13.534 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

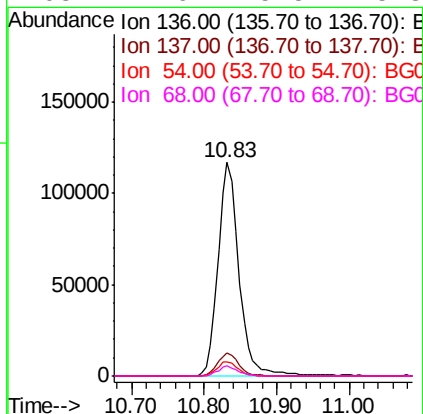
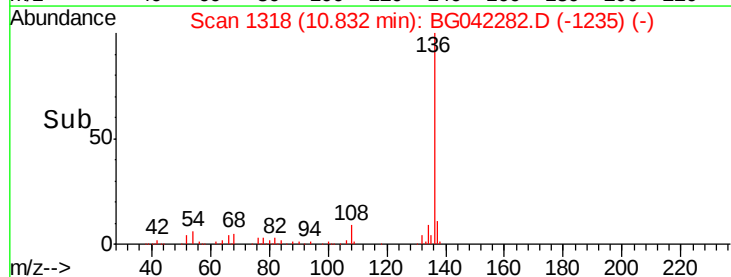
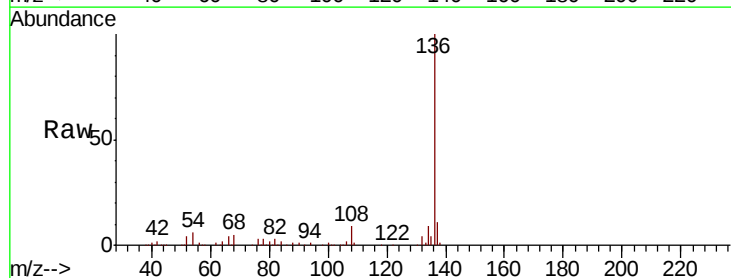
Instrument :
BNA_G
ClientSampleId :
TP-1

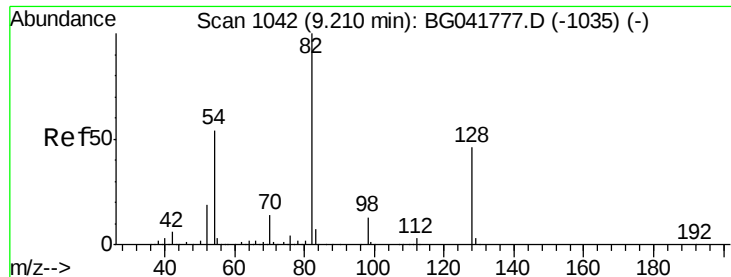
Tgt Ion: 70 Resp: 43541
Ion Ratio Lower Upper
70 100
42 38.4 55.8 83.6#
101 0.0 8.1 12.1#
130 2.8 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion: 136 Resp: 235063
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.4 8.7 13.1#
68 4.6 5.5 8.3#

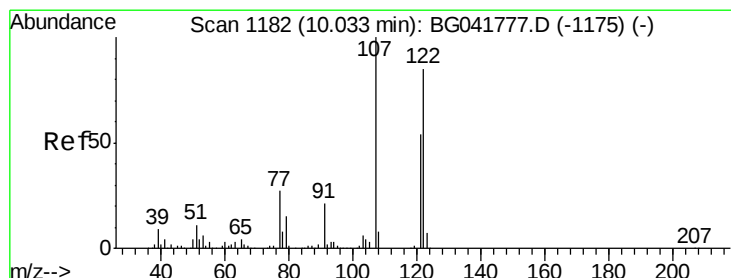
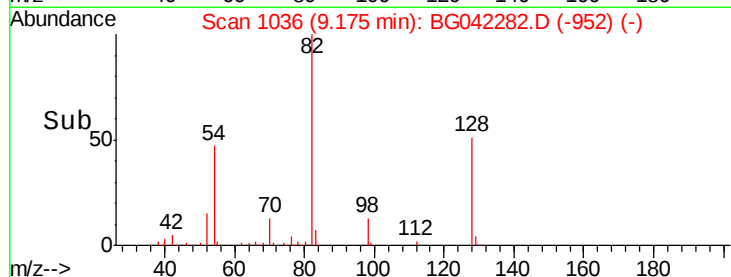
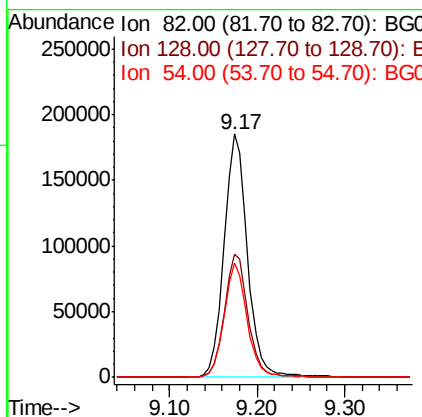
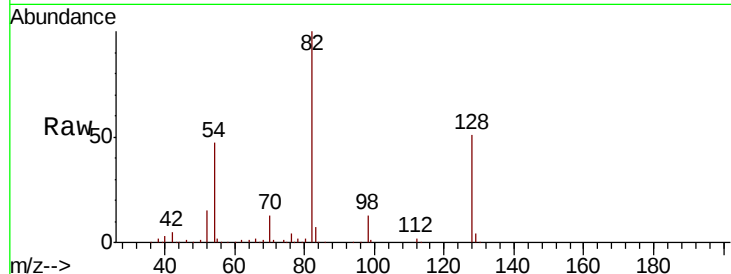




#23
 Nitrobenzene-d5
 Concen: 100.029 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.04 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

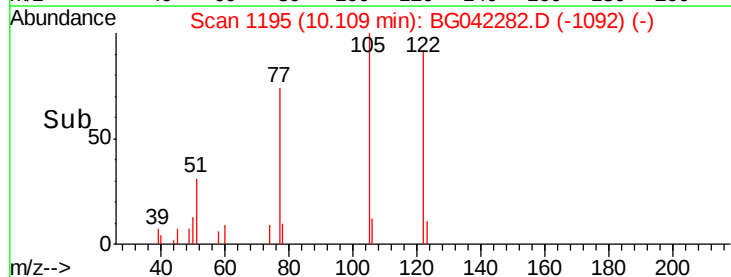
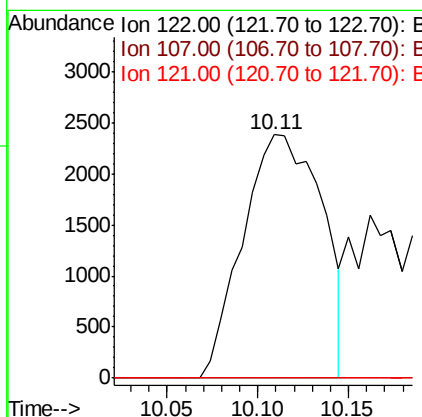
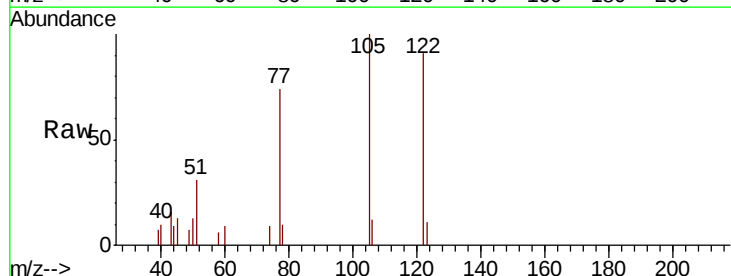
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

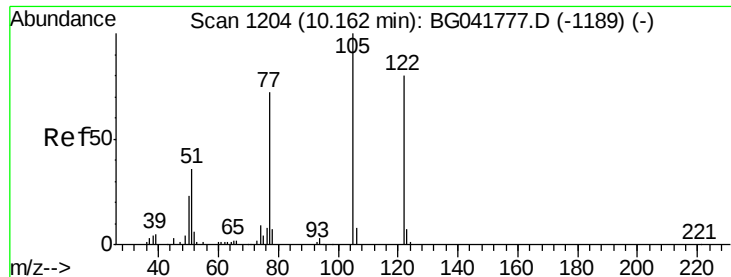
Tgt Ion: 82 Resp: 341679
 Ion Ratio Lower Upper
 82 100
 128 50.8 35.1 52.7
 54 46.9 48.7 73.1#



#27
 2,4-Dimethylphenol
 Concen: 2.470 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. 0.08 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

Tgt Ion: 122 Resp: 7281
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.3 136.9#
 121 0.0 49.2 73.8#

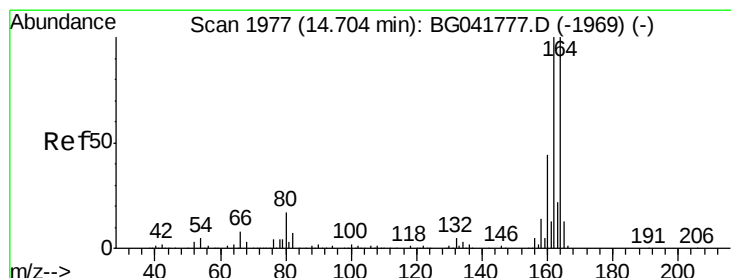
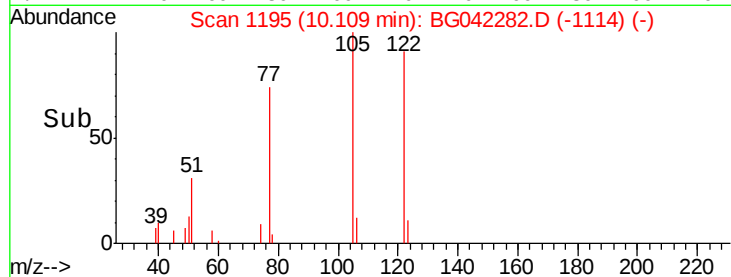
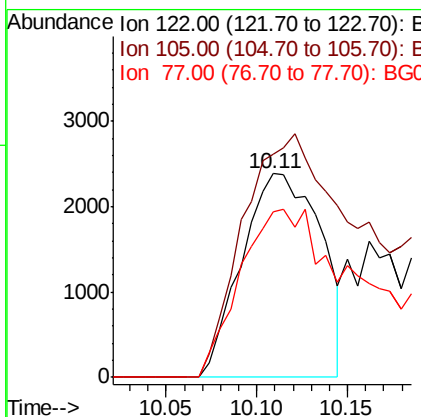
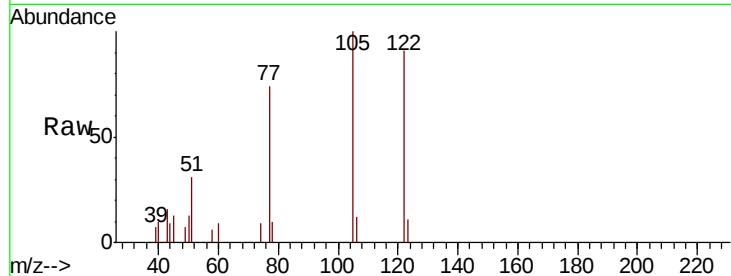




#32
Benzoic acid
Concen: 11.557 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.05 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

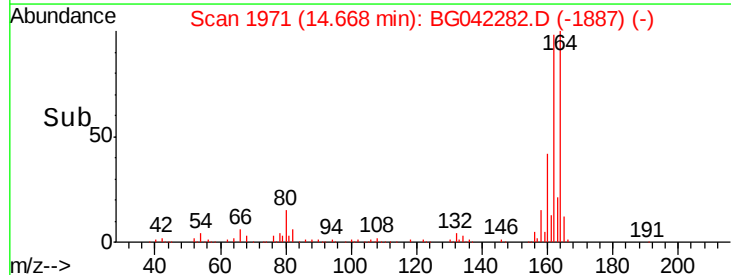
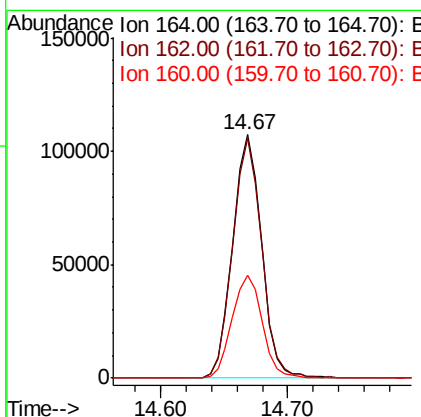
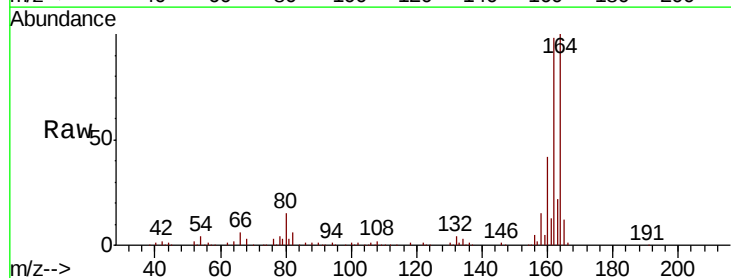
Instrument :
BNA_G
ClientSampled :
TP-1

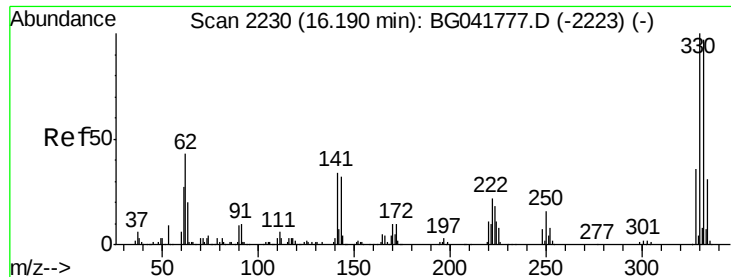
Tgt Ion:122 Resp: 7281
Ion Ratio Lower Upper
122 100
105 109.6 101.5 141.5
77 81.7 73.0 113.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.04 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion:164 Resp: 169633
Ion Ratio Lower Upper
164 100
162 98.5 79.6 119.4
160 42.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 186.361 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

Instrument :

BNA_G

ClientSampleId :

TP-1

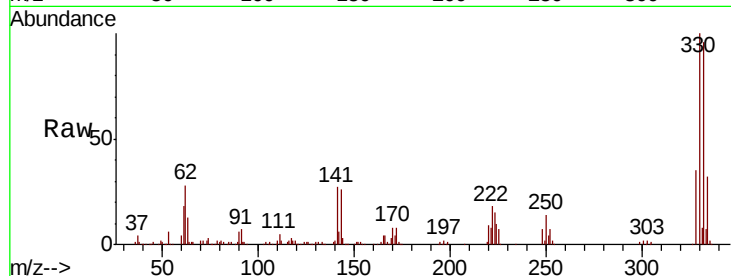
Tgt Ion:330 Resp: 359080

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

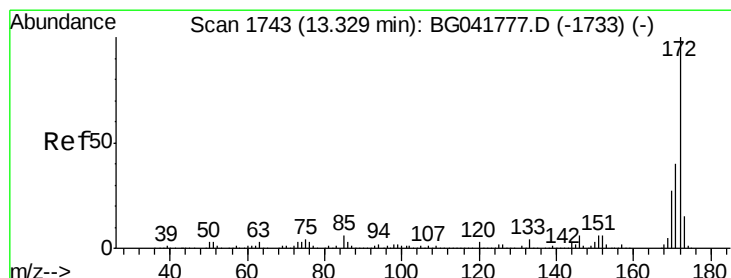
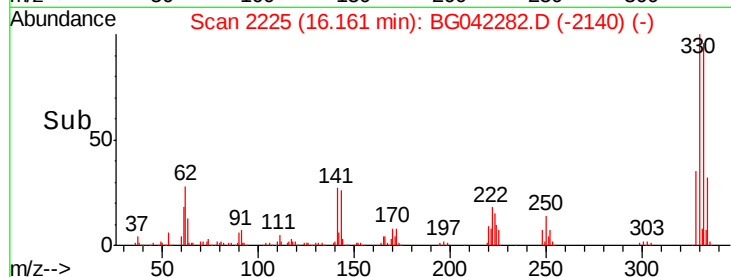
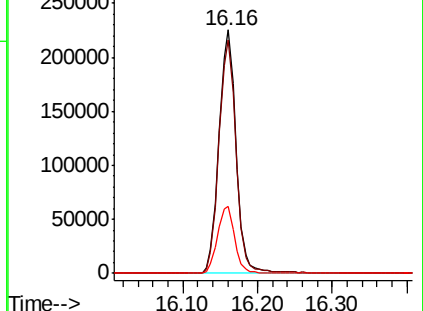
141 27.6 31.9 47.9#



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: 106.859 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.04 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

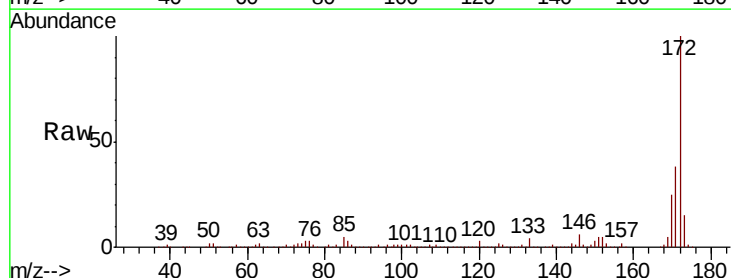
Tgt Ion:172 Resp: 1027757

Ion Ratio Lower Upper

172 100

171 38.0 35.0 52.4

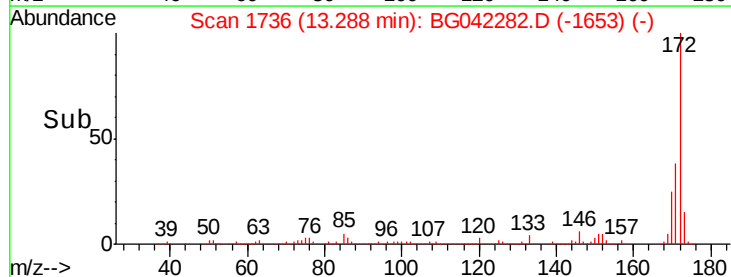
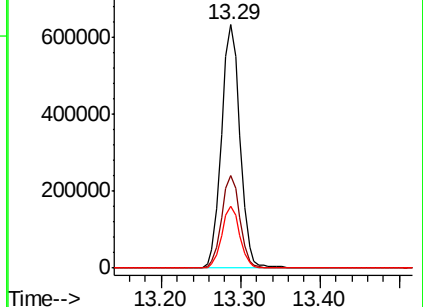
170 25.3 23.5 35.3

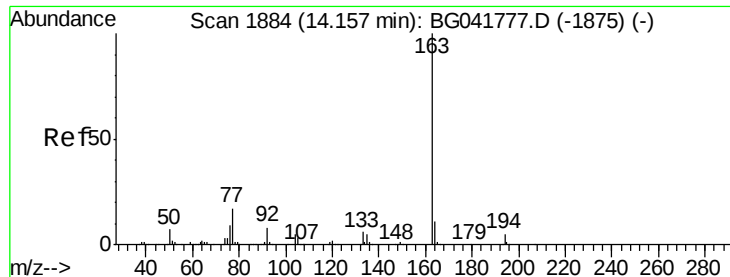


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.762 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.04 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

Instrument :

BNA_G

ClientSampled :

TP-1

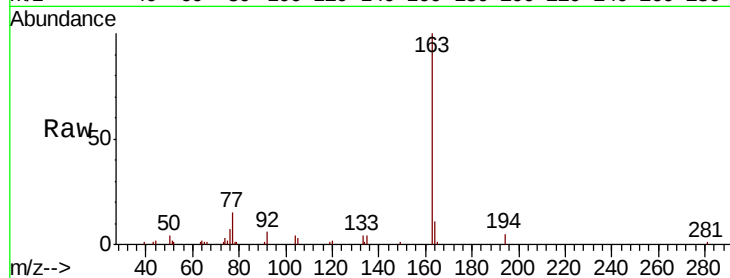
Tgt Ion:163 Resp: 43583

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

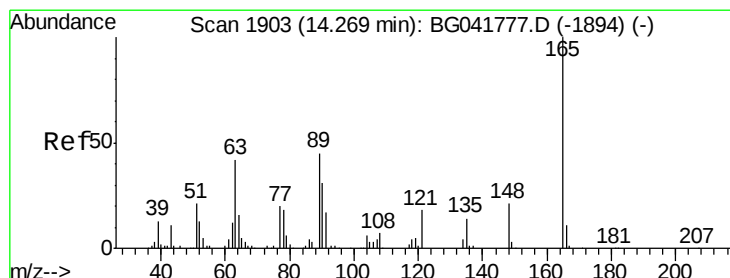
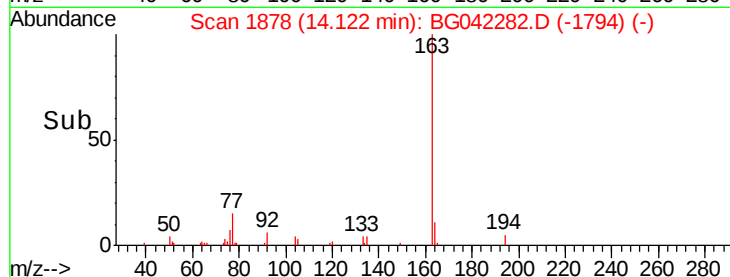
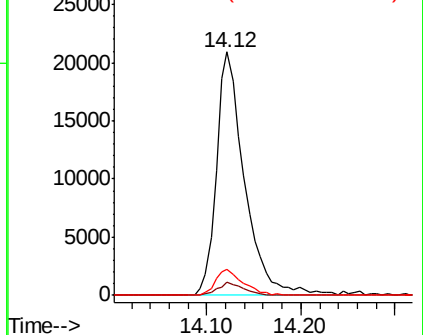
164 10.8 9.4 14.2



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



#51

2,6-Dinitrotoluene

Concen: 8.971 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.40 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

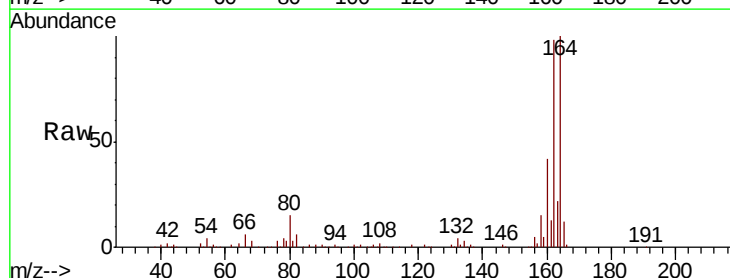
Tgt Ion:165 Resp: 21732

Ion Ratio Lower Upper

165 100

63 0.0 42.4 63.6#

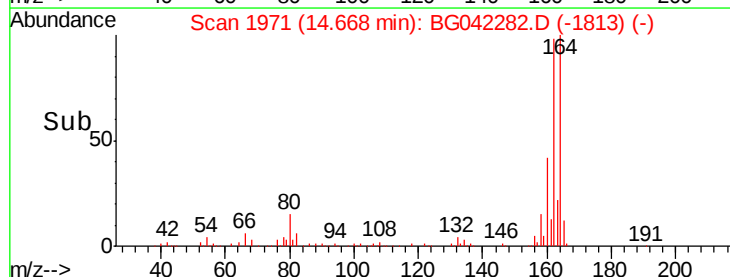
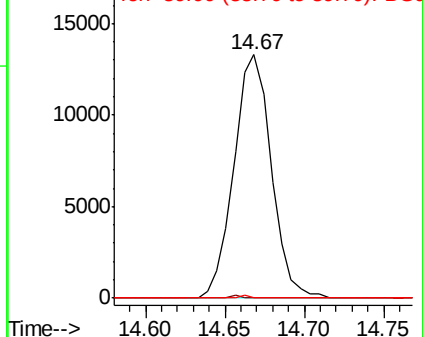
89 0.0 42.1 63.1#

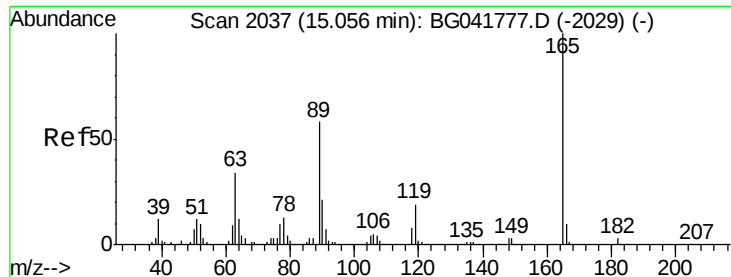


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

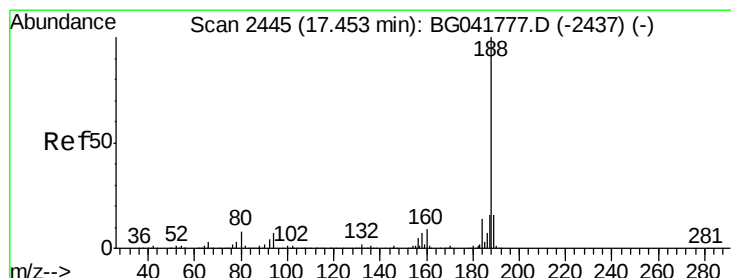
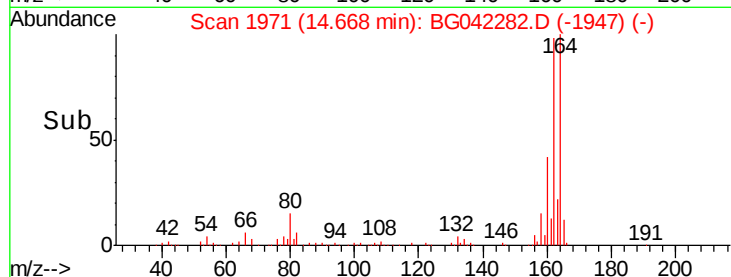
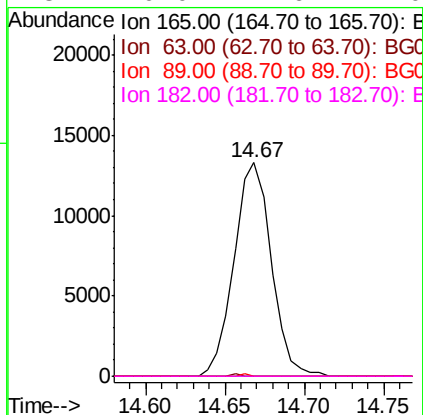
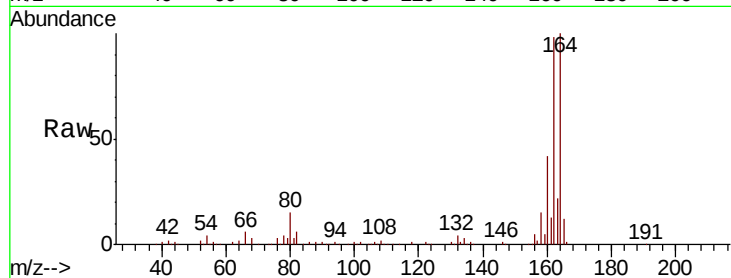




#57
 2,4-Dinitrotoluene
 Concen: 6.523 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.39 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

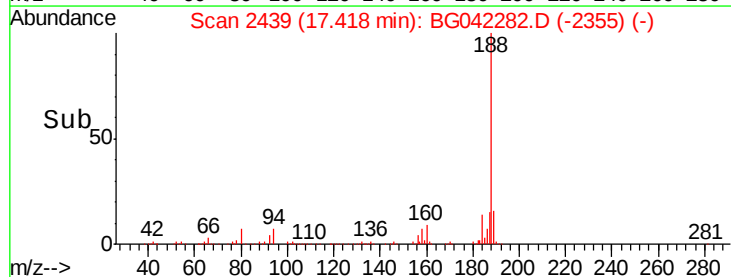
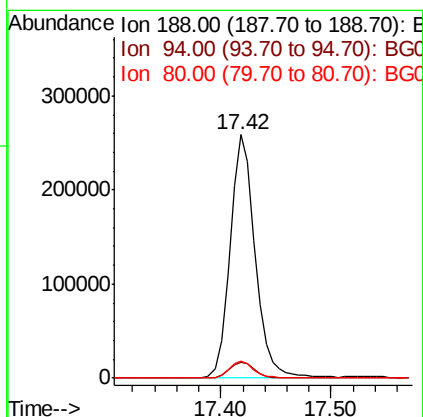
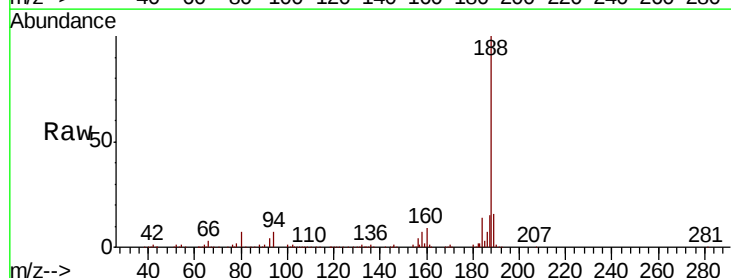
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

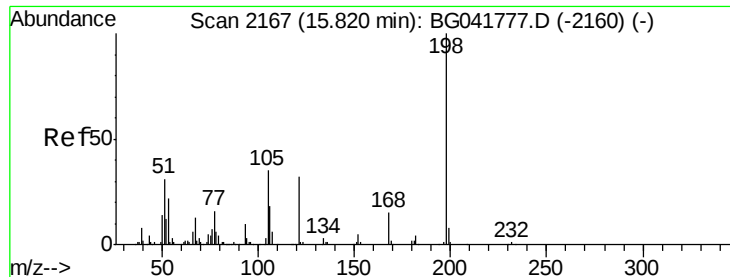
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.04 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	6.9	8.0	12.0#

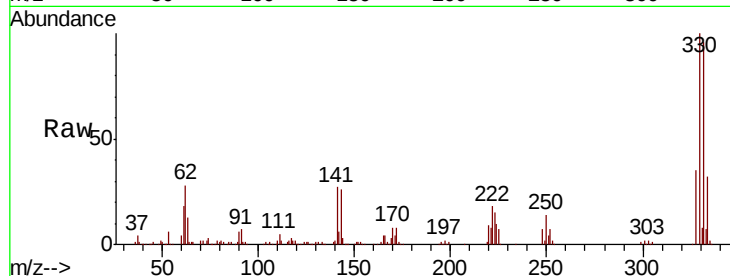




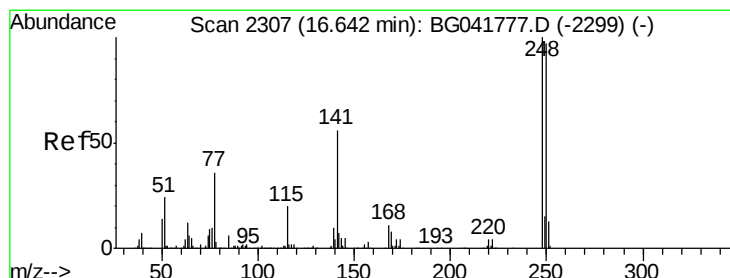
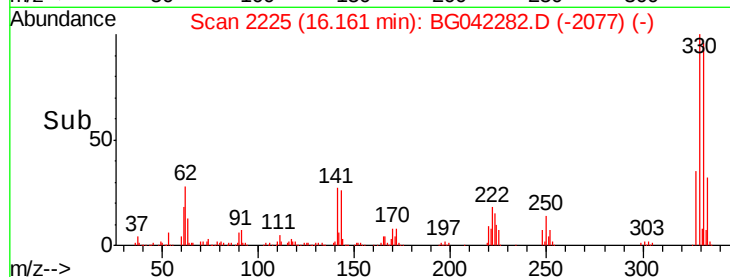
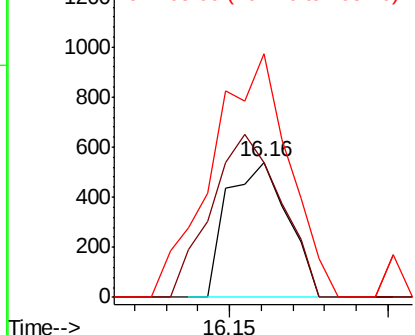
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.154 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.34 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:198 Resp: 709
 Ion Ratio Lower Upper
 198 100
 51 100.2 22.3 62.3#
 105 180.5 18.0 58.0#

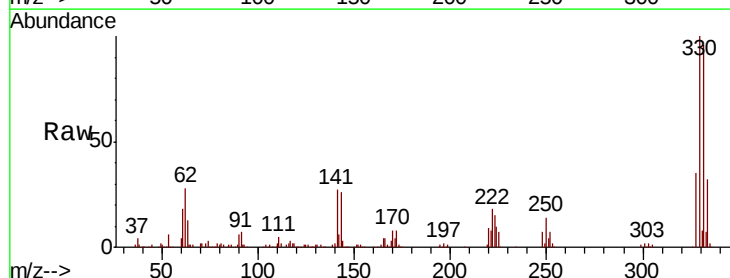


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

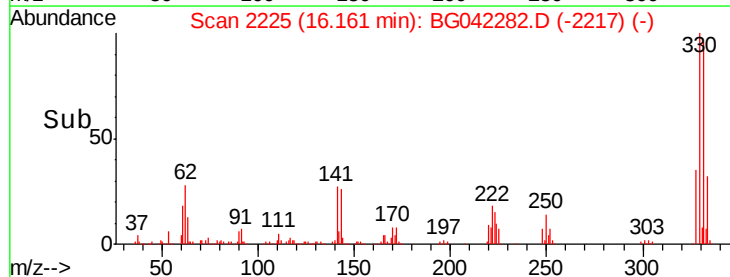
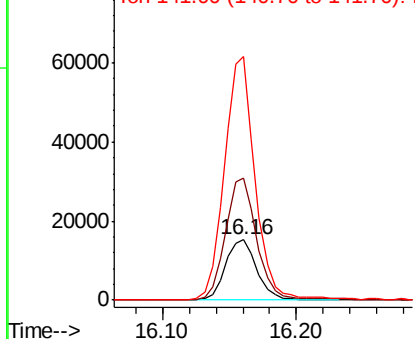


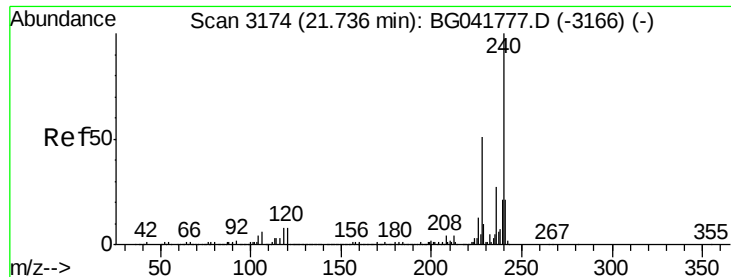
#67
 4-Bromophenyl-phenylether
 Concen: 4.950 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.48 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

Tgt Ion:248 Resp: 25112
 Ion Ratio Lower Upper
 248 100
 250 203.9 78.1 117.1#
 141 404.9 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

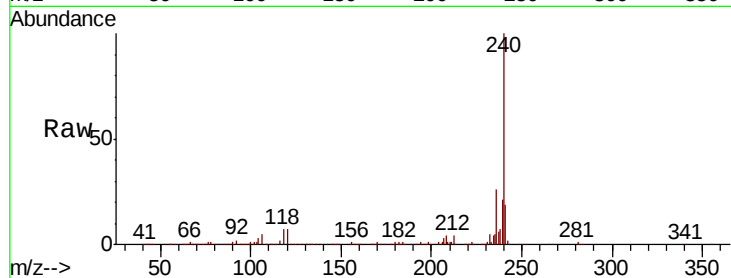




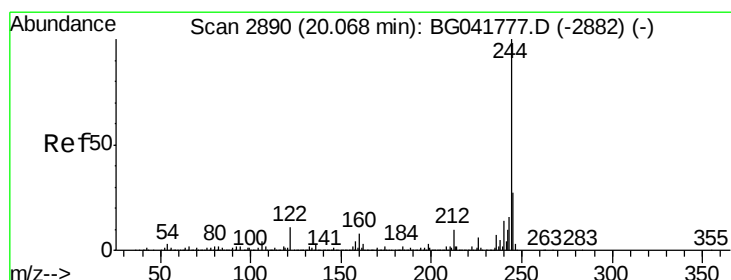
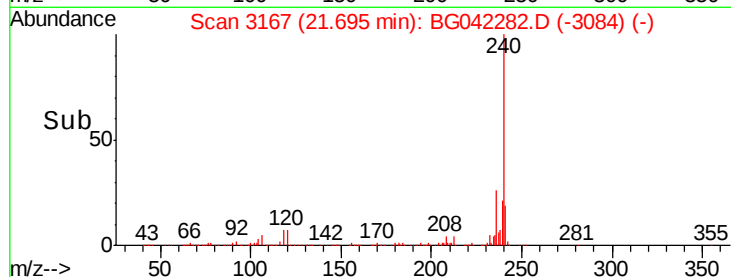
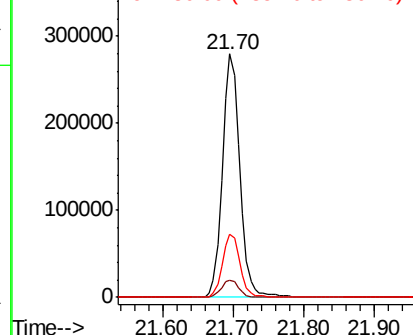
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 479503
Ion Ratio Lower Upper
240 100
120 7.2 8.0 12.0#
236 25.9 22.6 33.8

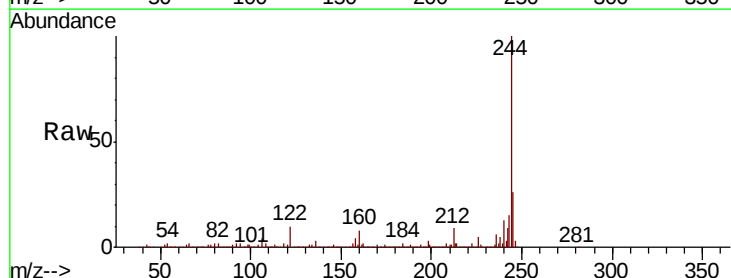


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

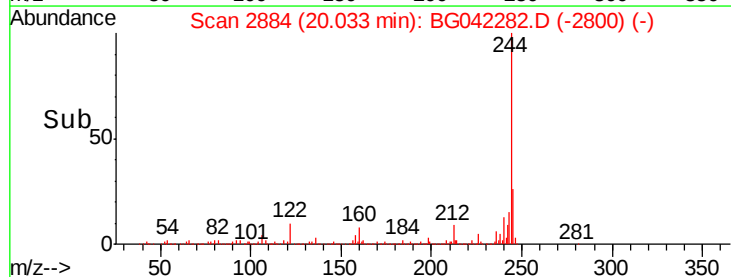
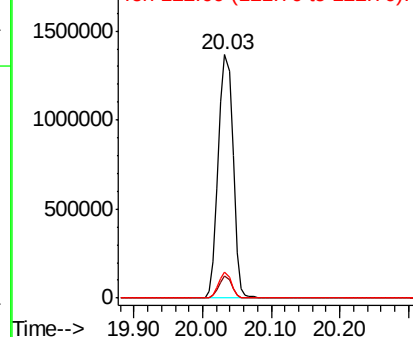


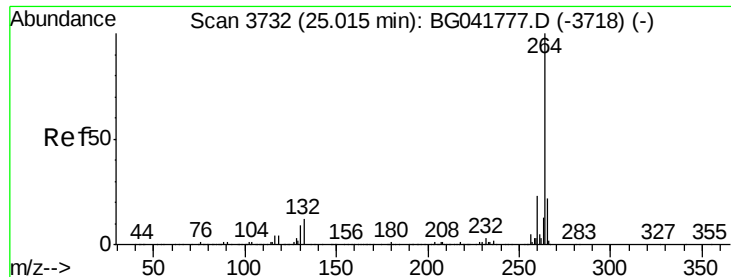
#79
Terphenyl-d14
Concen: 97.570 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion:244 Resp: 2044570
Ion Ratio Lower Upper
244 100
212 8.9 9.7 14.5#
122 10.4 12.5 18.7#



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 264 Resp: 513649
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.5 18.0 27.0

