

Data File : BG041720.D
Acq On : 18 Jul 2019 21:39
Operator : HP/JU
Sample : K3788-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2056

Quant Time: Jul 19 08:27:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	124599	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	499977	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	311366	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	720347	20.00	ng	0.00
76) Chrysene-d12	21.65	240	685461	20.00	ng	-0.01
87) Perylene-d12	24.84	264	774714	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	174097	22.84	ng	0.00
7) Phenol-d6	7.19	99	185502	18.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	739988	90.01	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	231081	65.85	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1783043	88.68	ng	0.00
79) Terphenyl-d14	20.00	244	2399940	81.82	ng	0.00

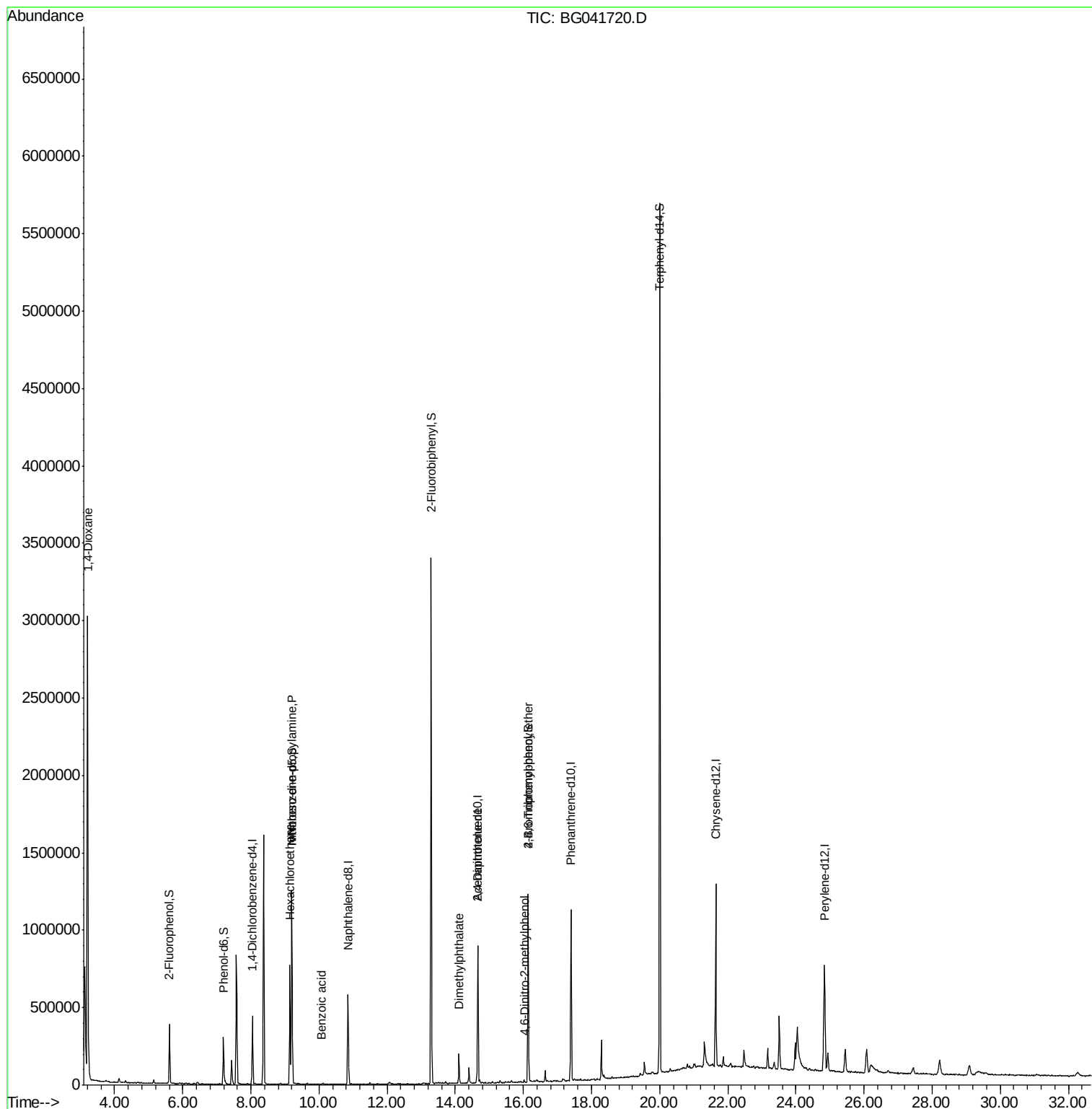
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	34481	9.525 ng	#	1
9) Benzaldehyde	7.20	77	448	Below Cal	#	3
18) Hexachloroethane	9.14	117	7697	2.038 ng	#	1
19) n-Nitroso-di-n-propylamine	9.20	70	102375	13.663 ng	#	69
32) Benzoic acid	10.07	122	55	6.021 ng	#	1
50) Dimethylphthalate	14.11	163	130331	5.330 ng		98
57) 2,4-Dinitrotoluene	14.66	165	40703	5.936 ng	#	30
65) 4,6-Dinitro-2-methylphenol	16.03	198	54	6.687 ng	#	1
67) 4-Bromophenyl-phenylether	16.14	248	18748	2.187 ng	#	1

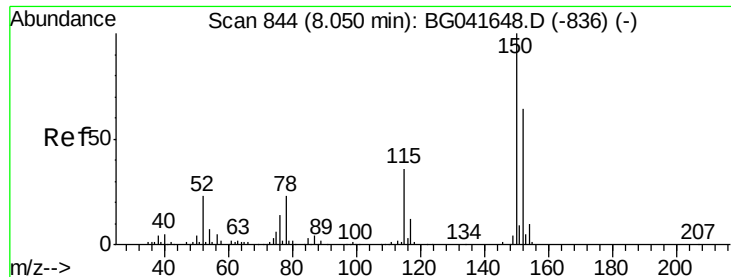
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041720.D

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Instrument :

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ClientSampleId :

2056

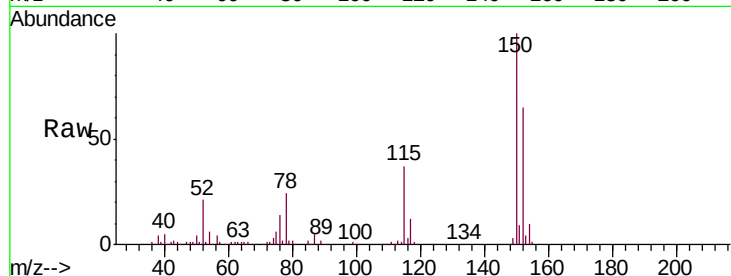
Tgt Ion:152 Resp: 124599

Ion Ratio Lower Upper

152 100

150 153.1 126.9 190.3

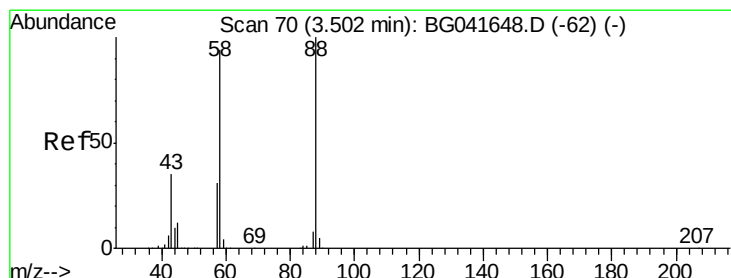
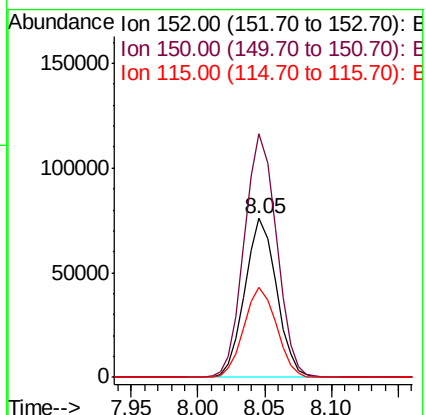
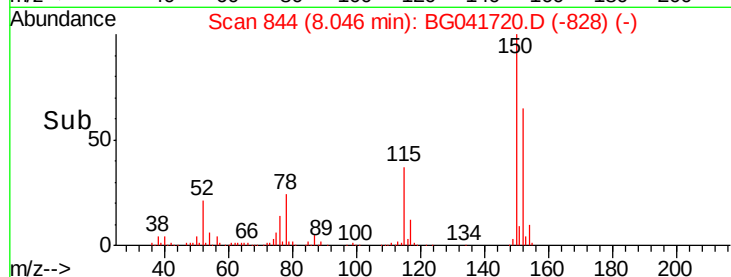
115 56.5 45.0 67.6



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



#2

1,4-Dioxane

Concen: 9.525 ng

RT: 3.20 min Scan# 20

Delta R.T. -0.29 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

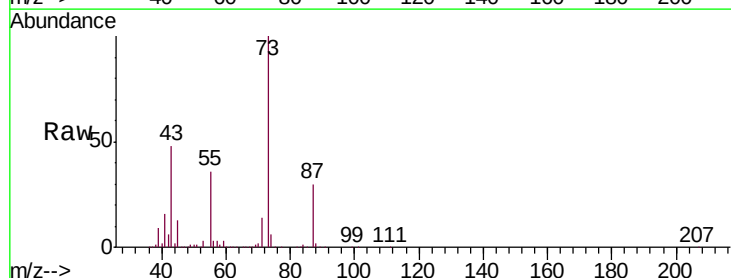
Tgt Ion: 88 Resp: 34481

Ion Ratio Lower Upper

88 100

58 30.9 76.2 114.2#

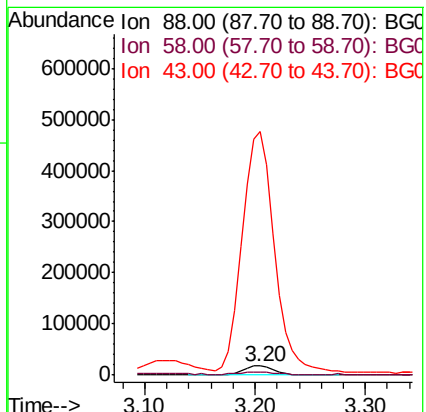
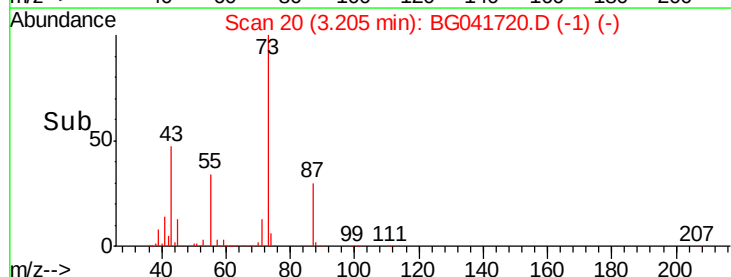
43 2793.4 27.2 40.8#

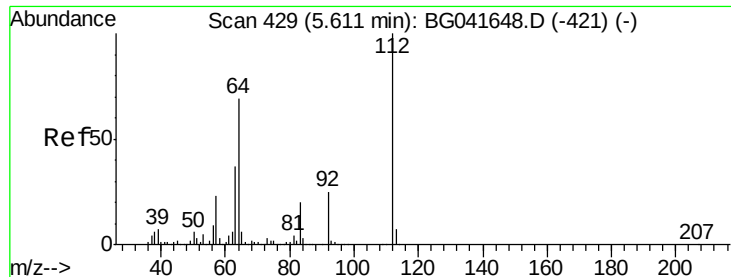


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 22.842 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Instrument :

BNA_G

ClientSampleId :

2056

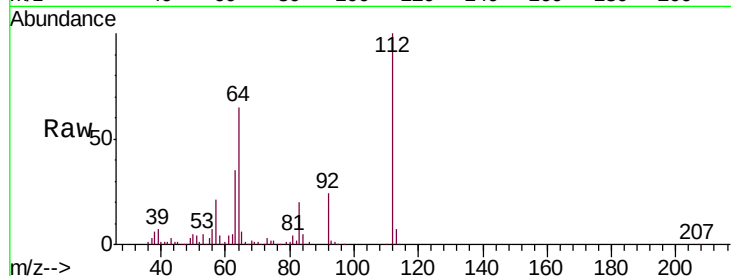
Tgt Ion: 112 Resp: 174097

Ion Ratio Lower Upper

112 100

64 65.3 55.4 83.2

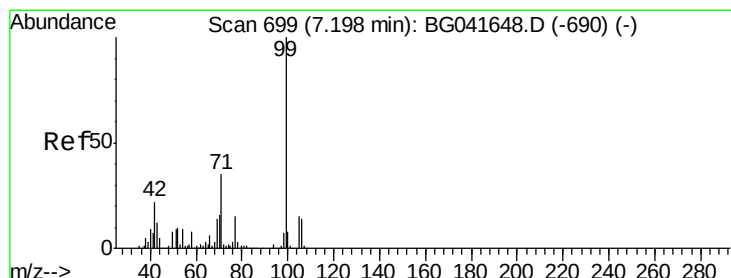
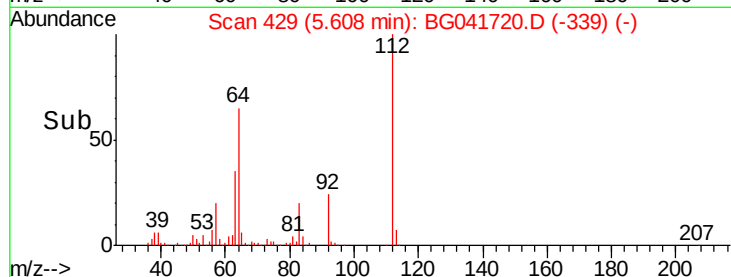
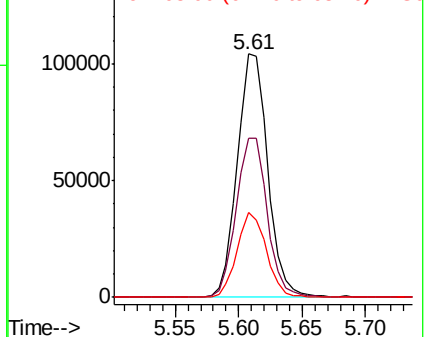
63 34.9 29.1 43.7



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: 18.095 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

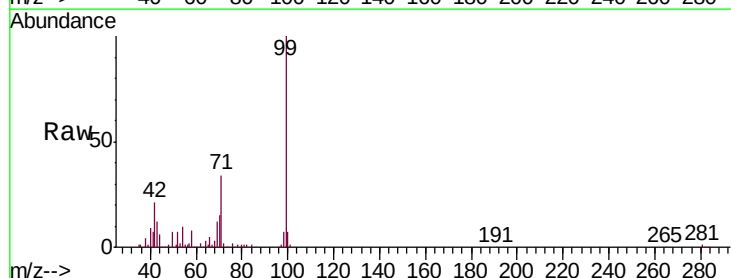
Tgt Ion: 99 Resp: 185502

Ion Ratio Lower Upper

99 100

42 21.1 17.6 26.4

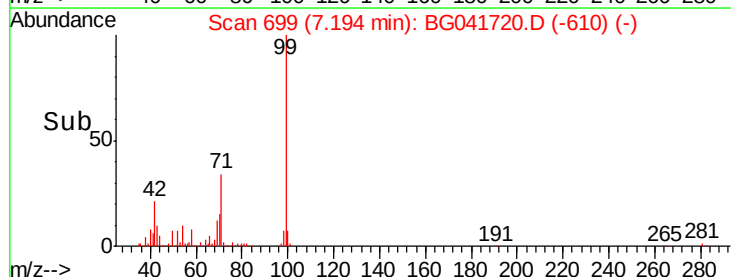
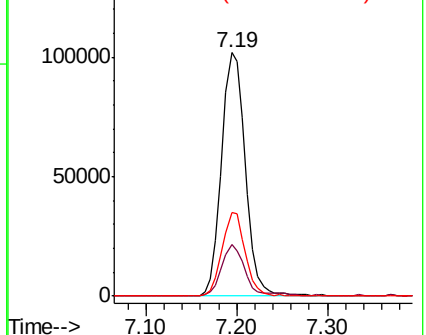
71 34.1 27.8 41.6

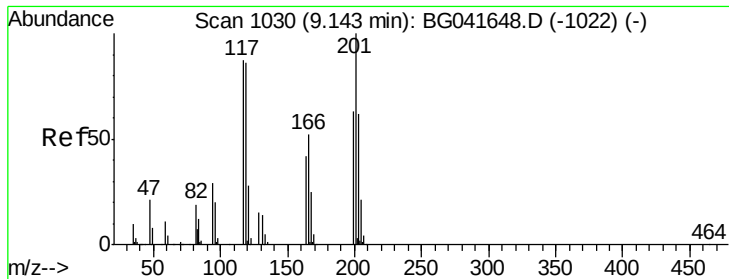


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

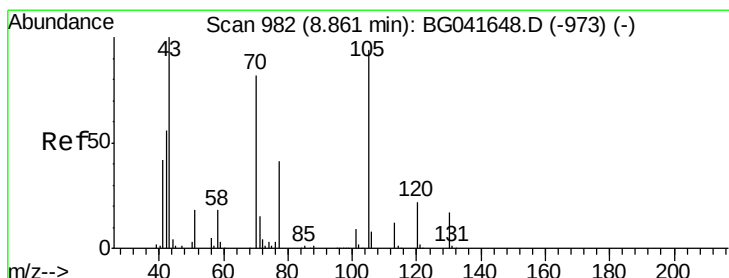
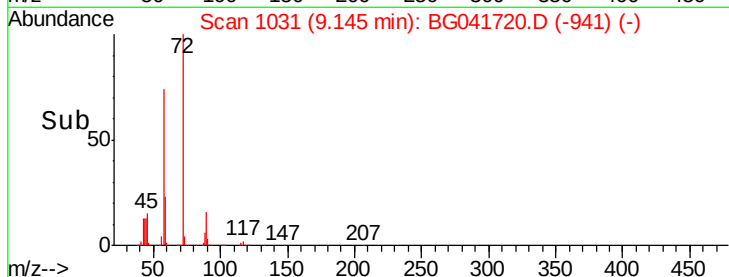
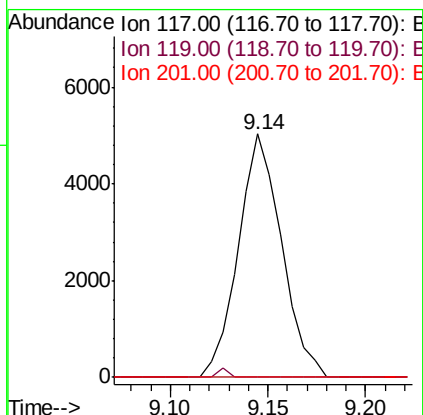
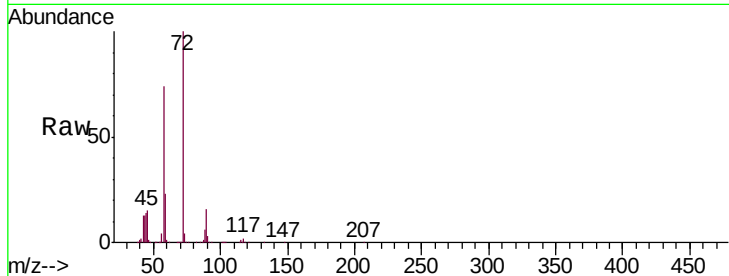




#18
Hexachloroethane
Concen: 2.038 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

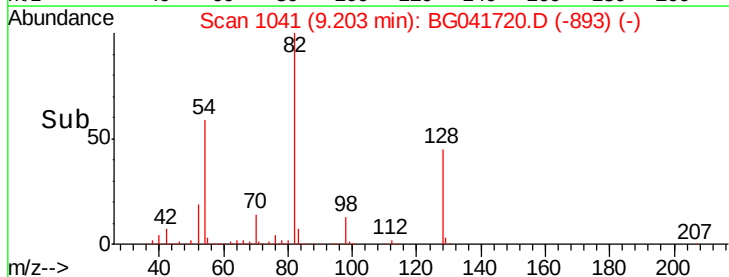
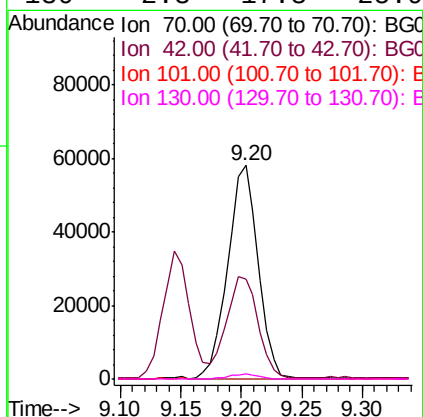
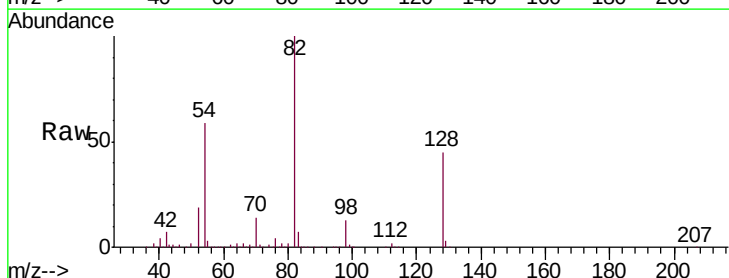
Instrument :
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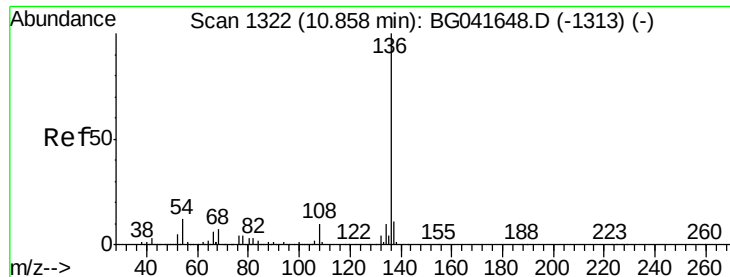
Tgt Ion: 117 Resp: 7697
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
201 0.0 94.1 141.1#



#19
n-Nitroso-di-n-propylamine
Concen: 13.663 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion: 70 Resp: 102375
Ion Ratio Lower Upper
70 100
42 46.5 55.8 83.6#
101 0.0 8.1 12.1#
130 2.3 17.3 25.9#

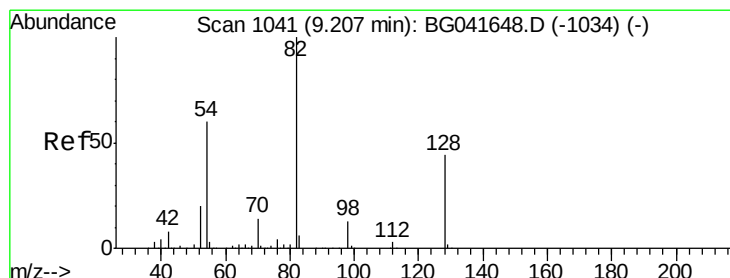
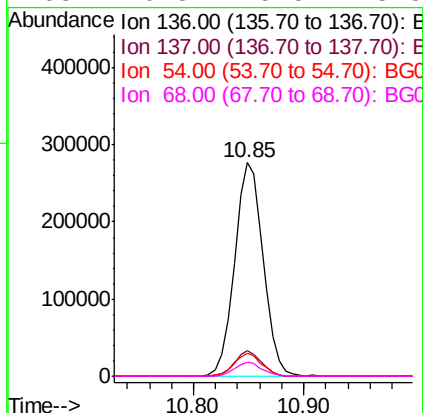
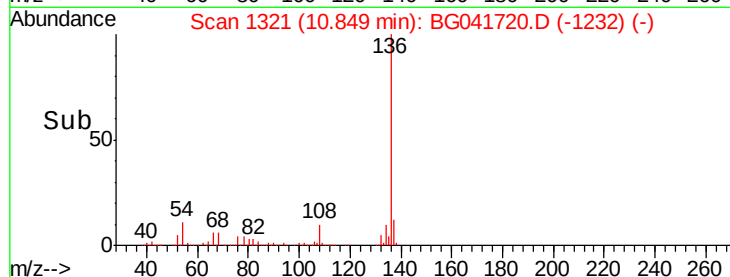
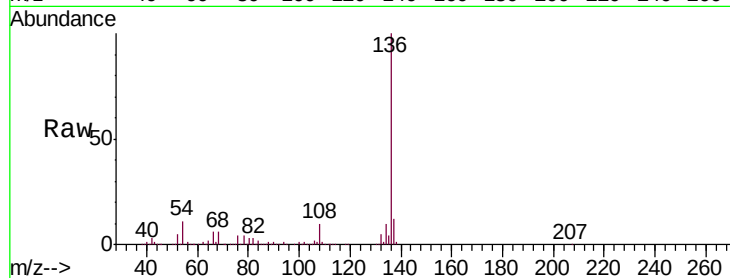




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

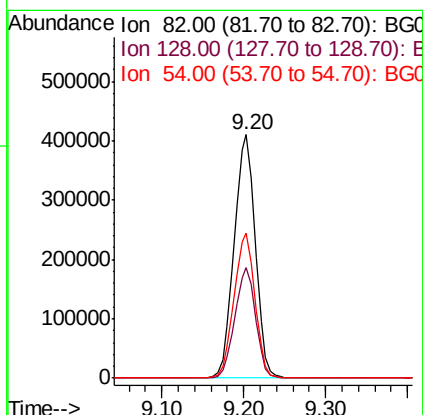
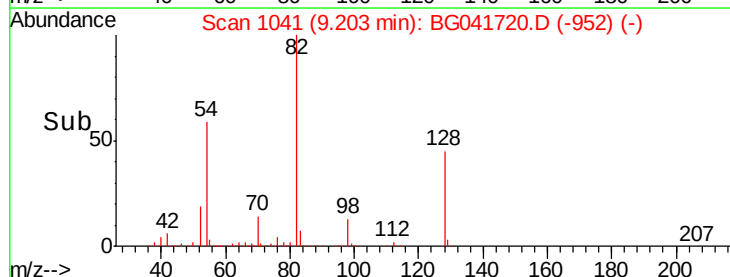
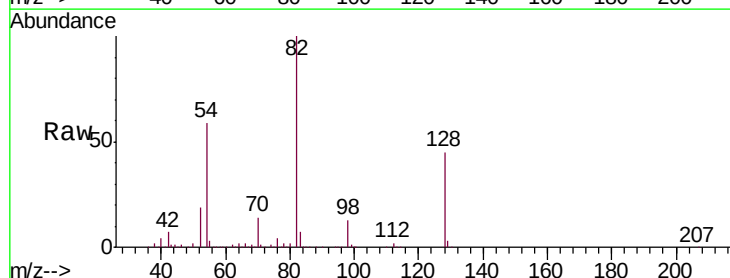
Instrument :
BNA_G
ClientSampleId :
2056

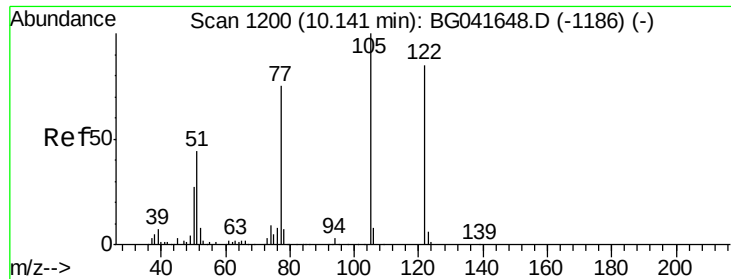
Tgt Ion:	136	Resp:	499977
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	10.7	8.7	13.1
68	6.3	5.5	8.3



#23
Nitrobenzene-d5
Concen: 90.009 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion:	82	Resp:	739988
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	59.5	48.7	73.1

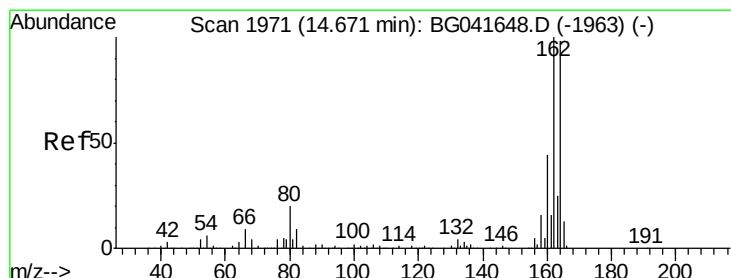
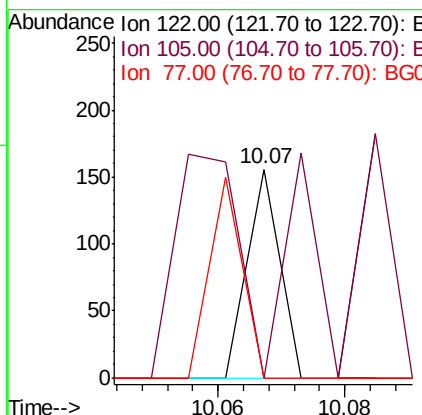
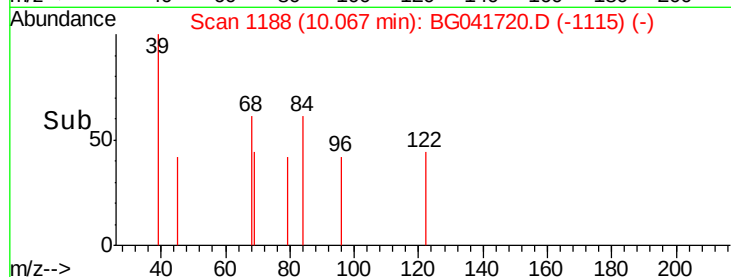
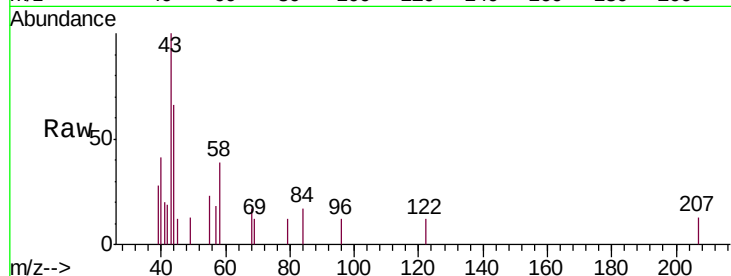




#32
Benzoic acid
Concen: 6.021 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.10 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

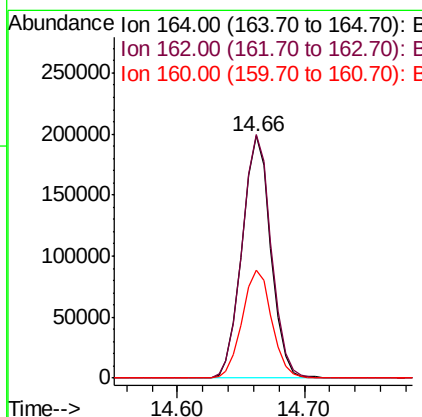
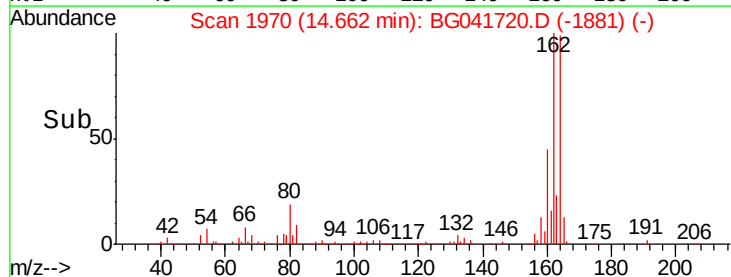
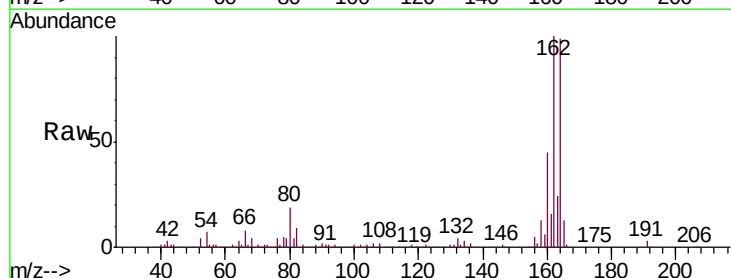
Instrument :
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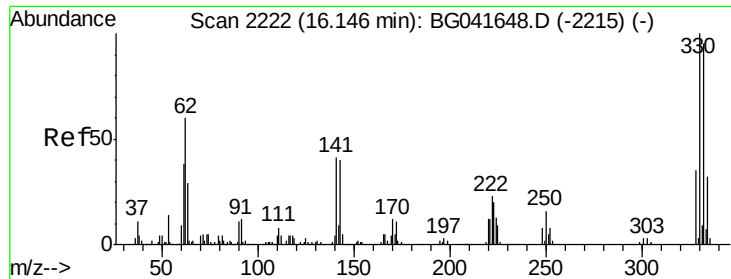
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	0.0	73.0	113.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.6	119.4
160	44.8	35.4	53.0

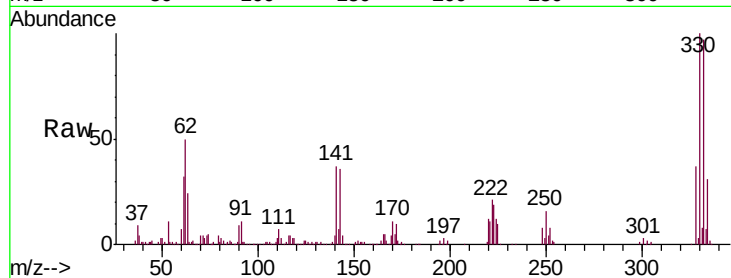




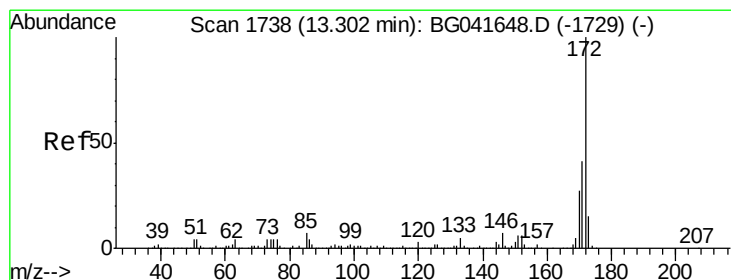
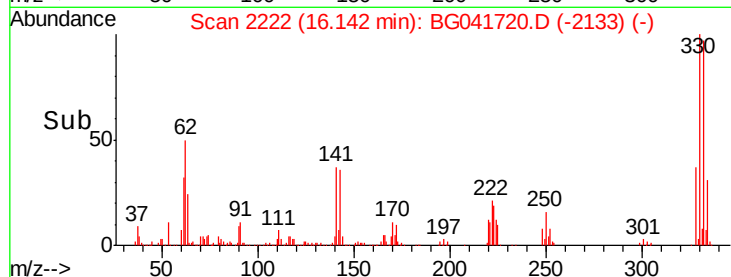
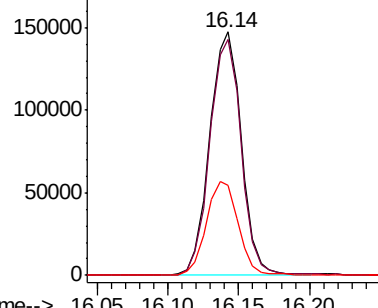
#42
 2,4,6-Tribromophenol
 Concen: 65.853 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041720.D
 Acq: 18 Jul 2019 21:39

Instrument :
 BNA_G
 ClientSampleId :
 2056

Tgt Ion:330 Resp: 231081
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 39.2 31.9 47.9

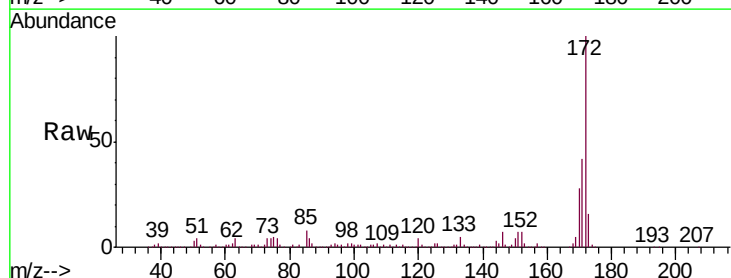


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

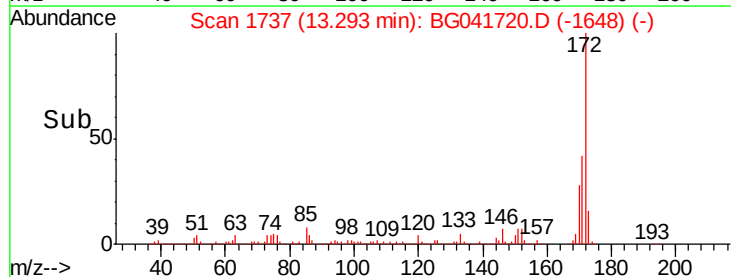
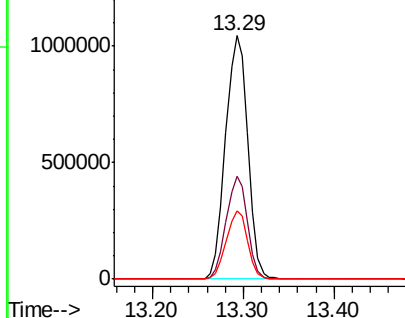


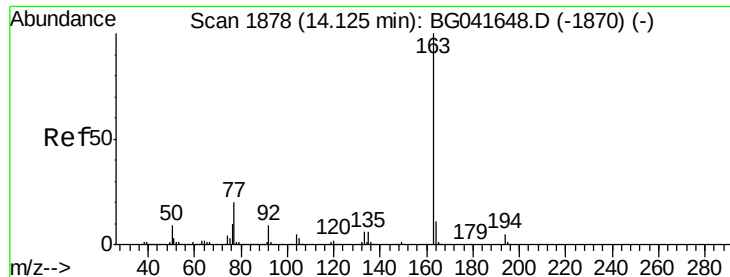
#45
 2-Fluorobiphenyl
 Concen: 88.675 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041720.D
 Acq: 18 Jul 2019 21:39

Tgt Ion:172 Resp: 1783043
 Ion Ratio Lower Upper
 172 100
 171 42.1 35.0 52.4
 170 28.0 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: 5.330 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Instrument :

BNA_G

ClientSampleId :

2056

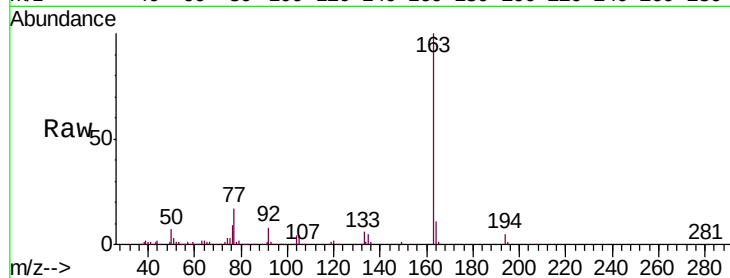
Tgt Ion:163 Resp: 130331

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

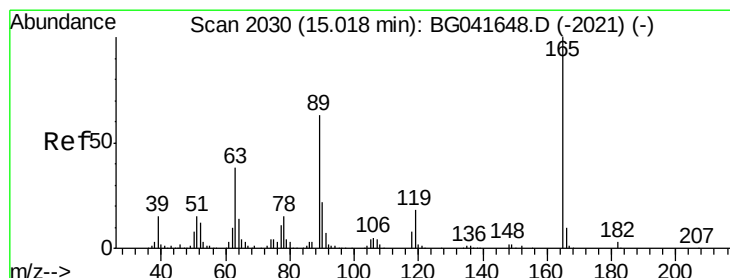
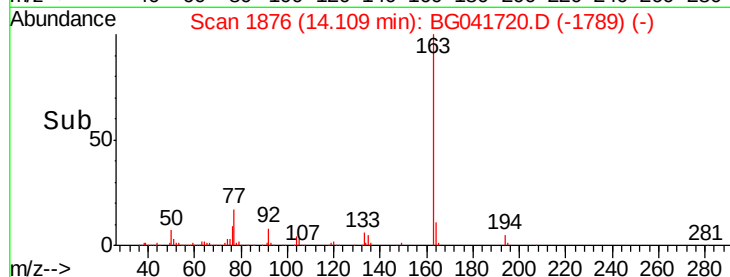
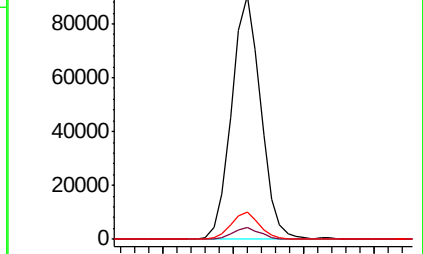
164 11.0 9.4 14.2



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



#57

2,4-Dinitrotoluene

Concen: 5.936 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.36 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Tgt Ion:165 Resp: 40703

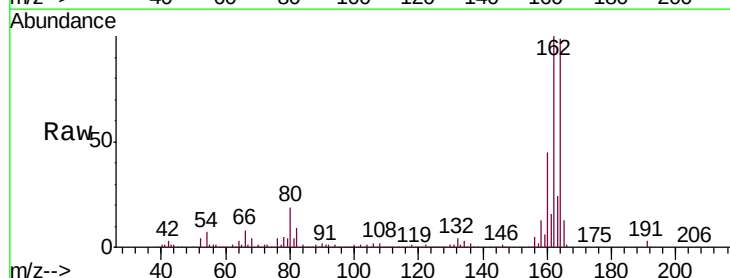
Ion Ratio Lower Upper

165 100

63 2.0 31.7 47.5#

89 2.1 50.2 75.4#

182 0.0 2.6 4.0#

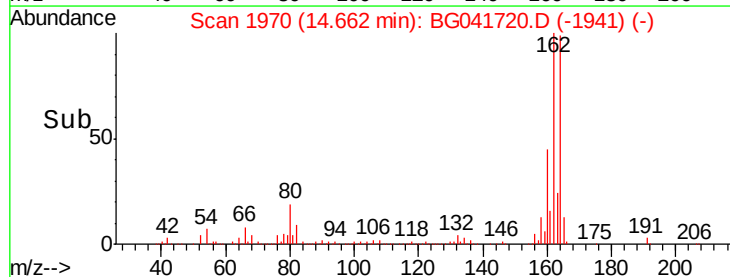
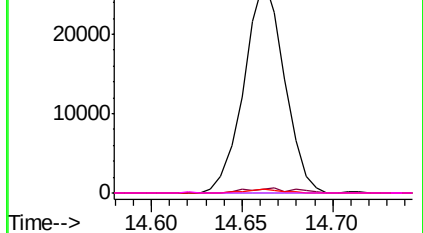


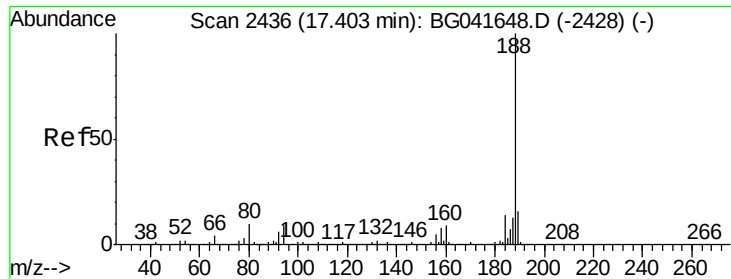
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

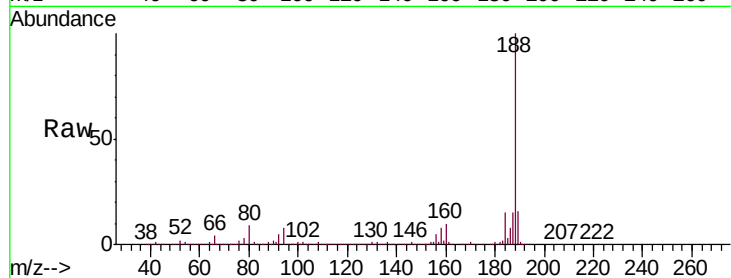




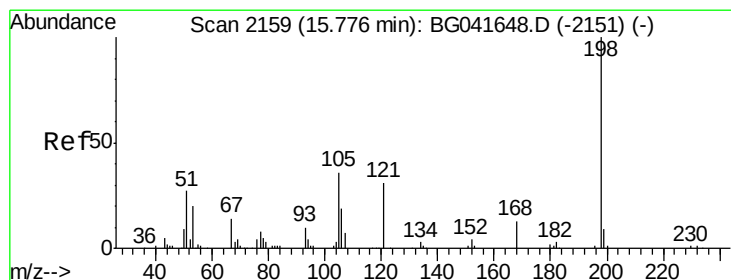
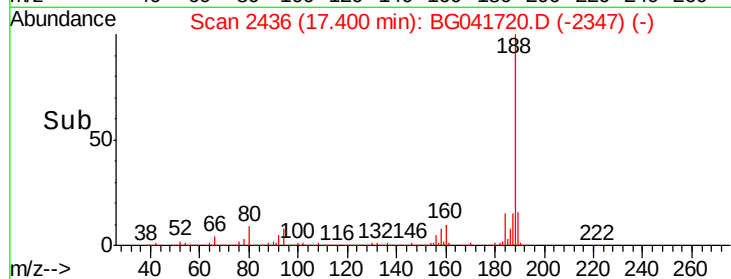
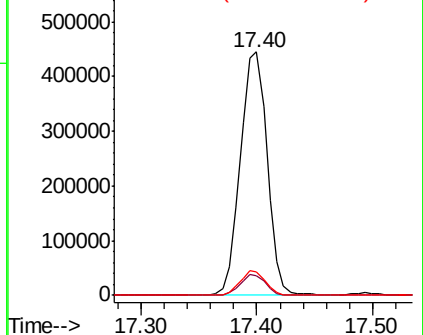
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Instrument :
BNA_G
ClientSampleId :
2056

Tgt Ion:188 Resp: 720347
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.5 8.0 12.0

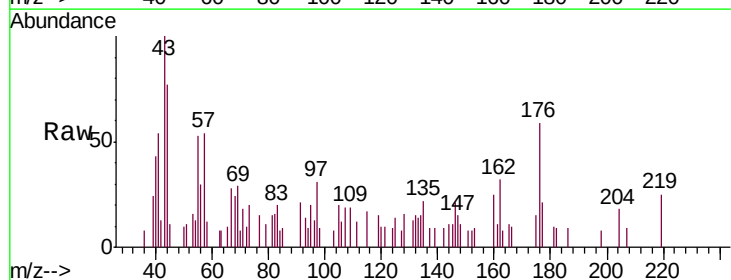


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

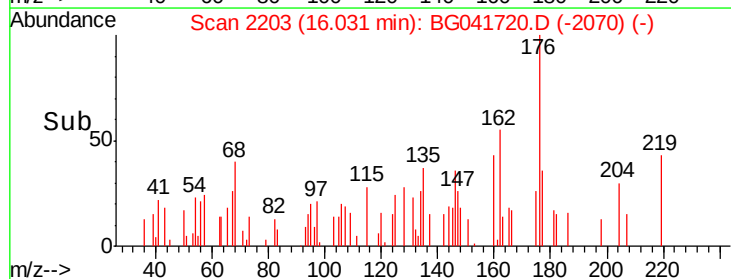
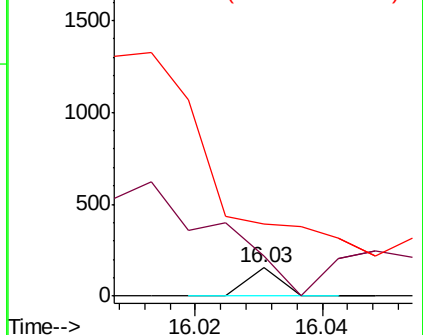


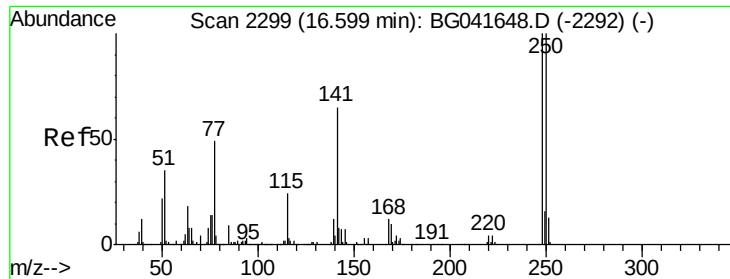
#65
4,6-Dinitro-2-methylphenol
Concen: 6.687 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.25 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 143.5 22.3 62.3#
105 253.9 18.0 58.0#



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

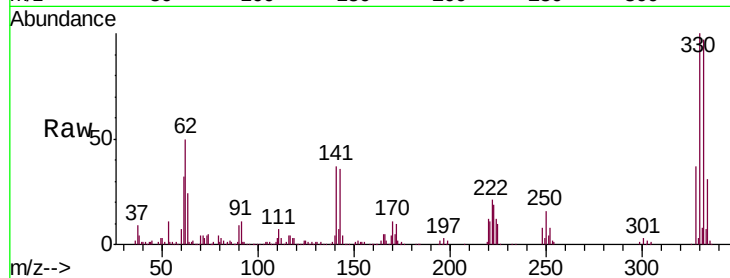




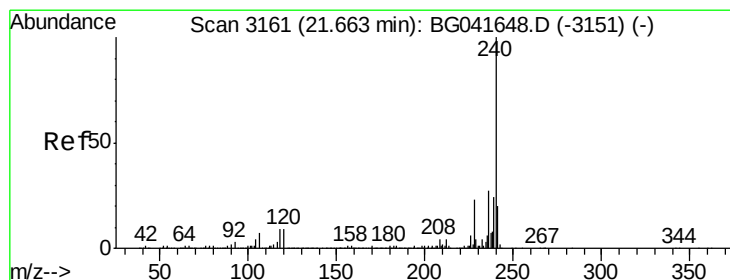
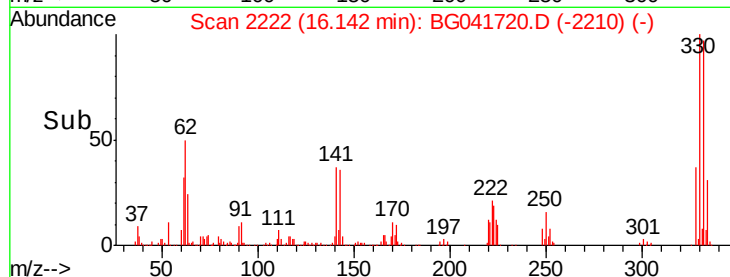
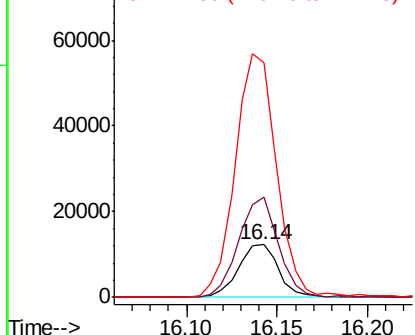
#67
4-Bromophenyl-phenylether
Concen: 2.187 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.46 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Instrument :
BNA_G
ClientSampleId :
2056

Tgt Ion:248 Resp: 18748
Ion Ratio Lower Upper
248 100
250 191.5 78.1 117.1#
141 447.3 49.6 74.4#

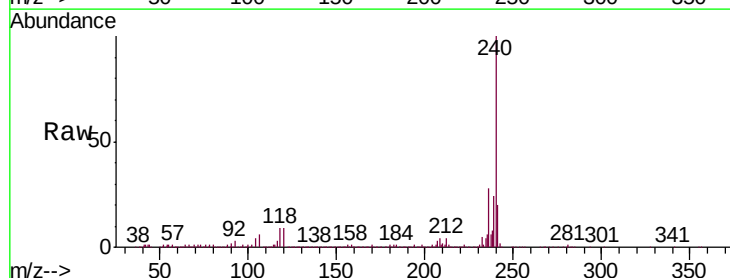


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

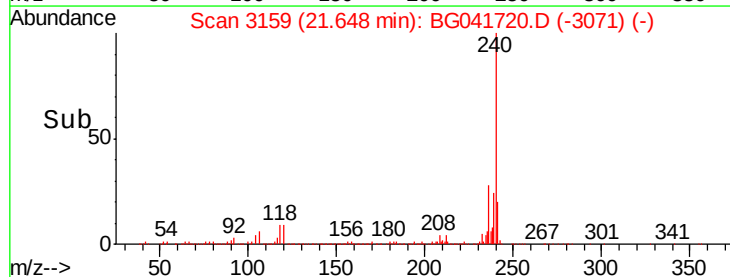
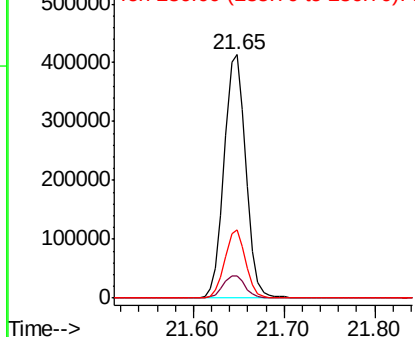


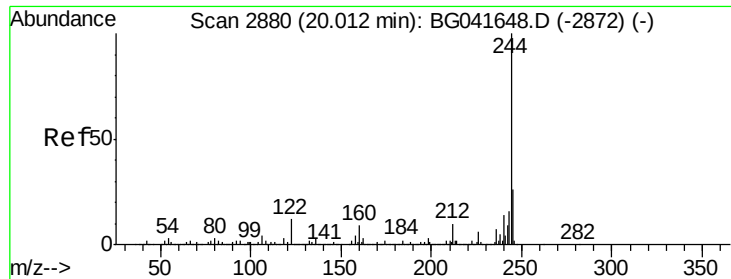
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041720.D
Acq: 18 Jul 2019 21:39

Tgt Ion:240 Resp: 685461
Ion Ratio Lower Upper
240 100
120 8.9 8.0 12.0
236 27.9 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: 81.819 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

Instrument :

BNA_G

ClientSampleId :

2056

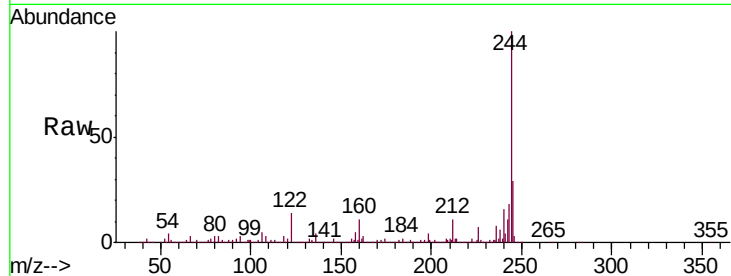
Tgt Ion:244 Resp: 2399940

Ion Ratio Lower Upper

244 100

212 11.2 9.7 14.5

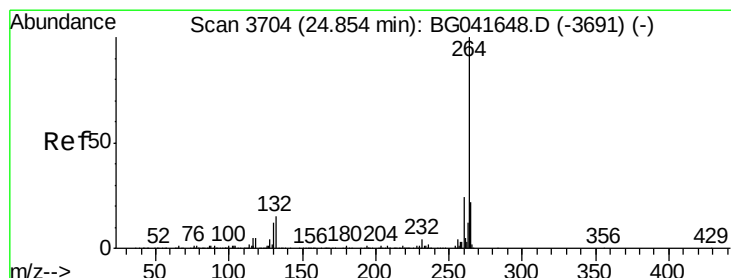
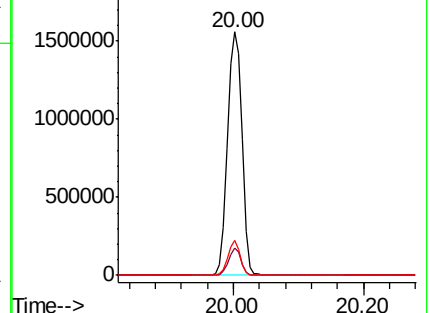
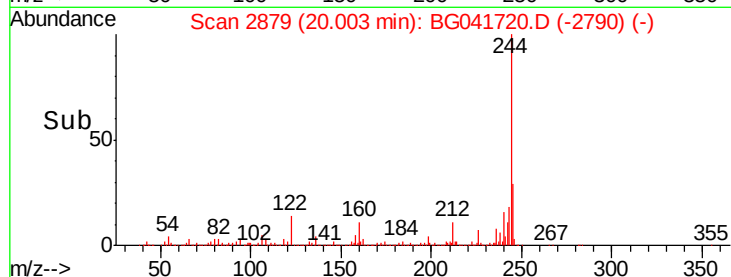
122 14.2 12.5 18.7



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: 24.84 min Scan# 3702

Delta R.T. -0.03 min

Lab File: BG041720.D

Acq: 18 Jul 2019 21:39

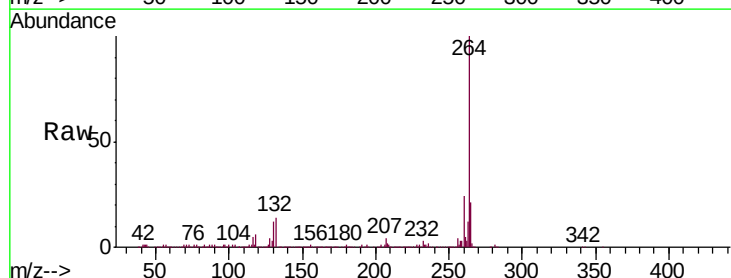
Tgt Ion:264 Resp: 774714

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 18.0 27.0



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

