

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041486.D
 Acq On : 27 Jun 2019 11:50
 Operator : HP/JU
 Sample : K3539-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

Quant Time: Jun 28 05:50:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

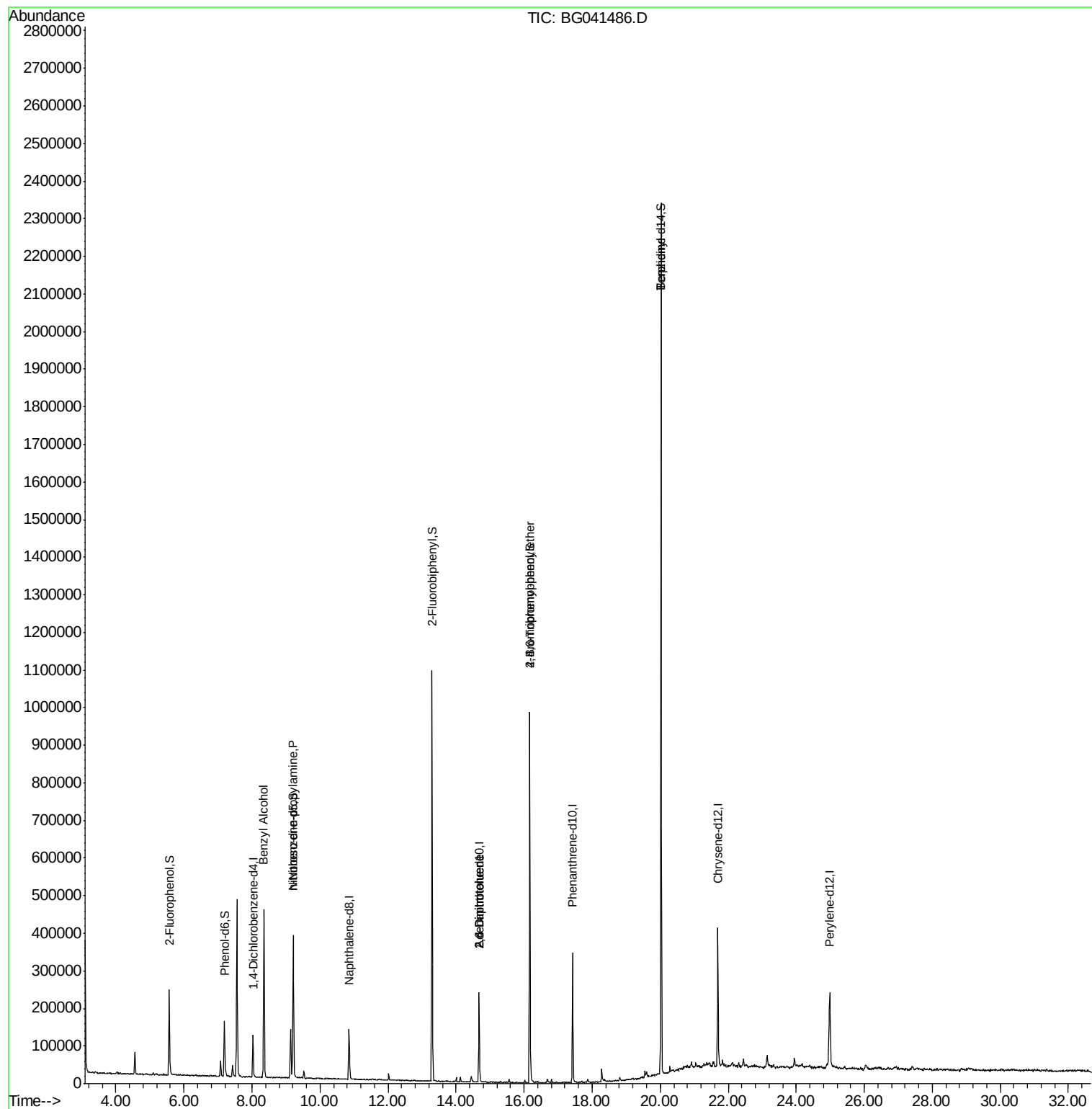
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31259	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	112763	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	84232	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	212482	20.00	ng	0.00
76) Chrysene-d12	21.70	240	217811	20.00	ng	0.00
87) Perylene-d12	24.98	264	238910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	97883	55.83	ng	0.00
7) Phenol-d6	7.19	99	85578	34.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	234554	86.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	186946	129.99	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	560216	85.35	ng	0.00
79) Terphenyl-d14	20.03	244	1060005	103.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	3953	2.011	ng	# 57
19) n-Nitroso-di-n-propylamine	9.21	70	32467	17.635	ng	# 75
51) 2,6-Dinitrotoluene	14.67	165	11123	6.838	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	11123	4.713	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	12437	4.283	ng	# 1
77) Benzidine	20.03	184	17795	3.682	ng	# 95

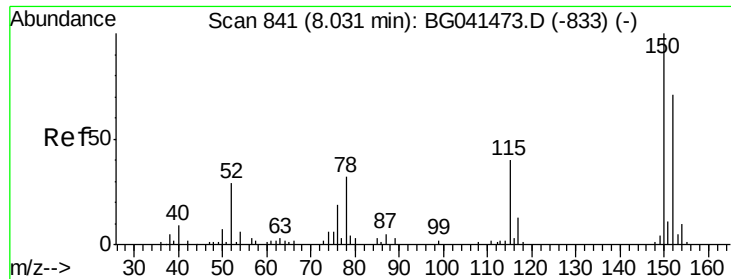
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 27 13:25:55 2019
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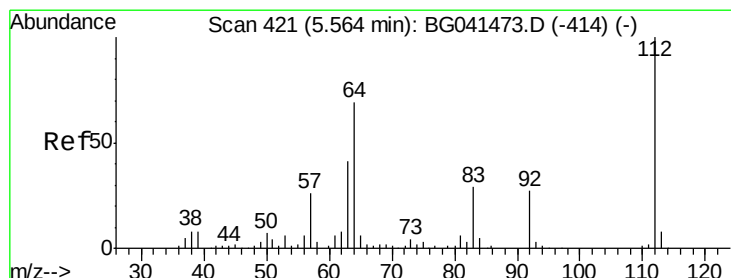
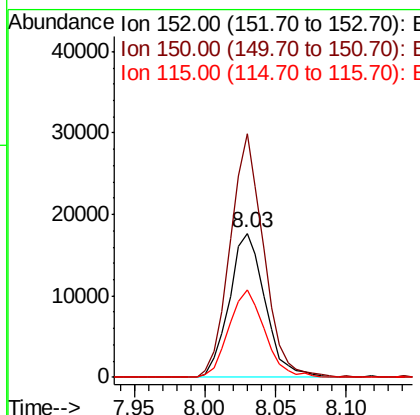
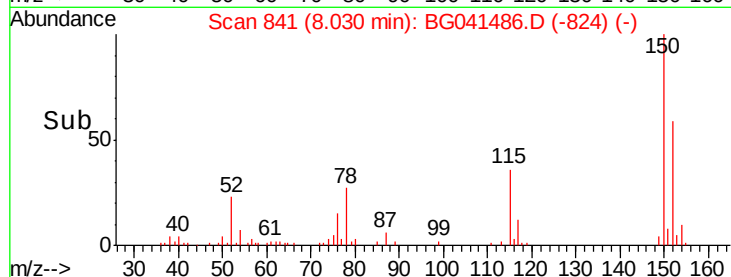
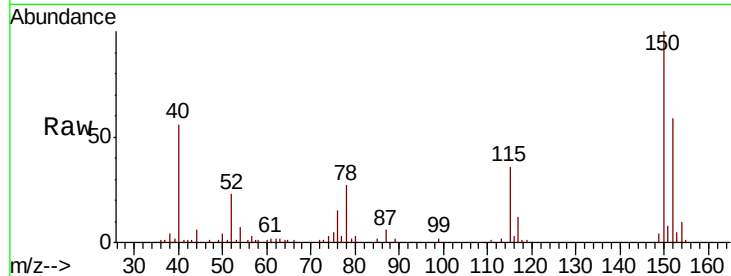




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

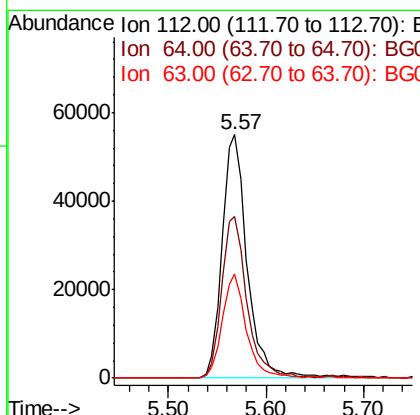
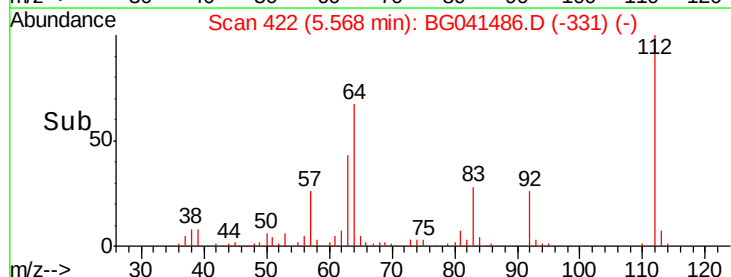
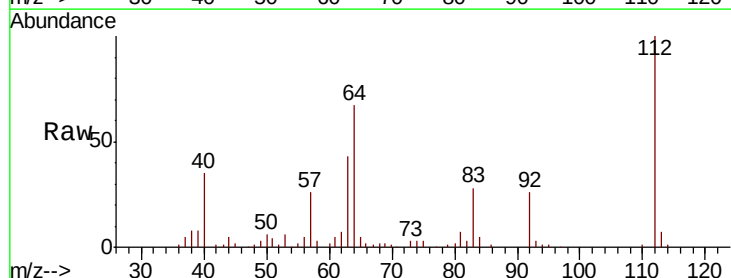
Instrument :
 BNA_G
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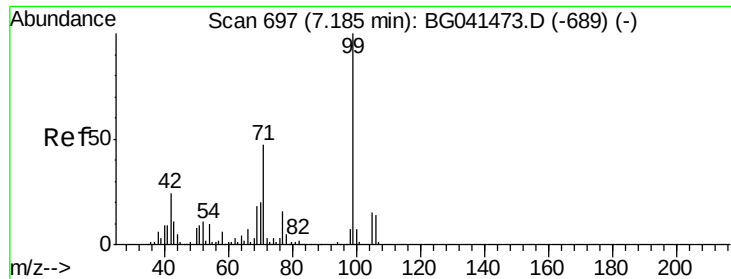
Tgt Ion:152 Resp: 31259
 Ion Ratio Lower Upper
 152 100
 150 169.2 112.4 168.6#
 115 60.9 44.6 66.8



#5
 2-Fluorophenol
 Concen: 55.827 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Tgt Ion:112 Resp: 97883
 Ion Ratio Lower Upper
 112 100
 64 66.7 55.1 82.7
 63 42.9 32.4 48.6





#7

Phenol-d6

Concen: 34.672 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

Instrument :

BNA_G

ClientSampleId :

MH-J-B-SETTLED-2H

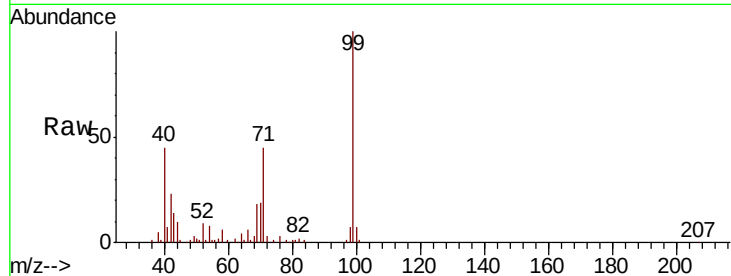
Tgt Ion: 99 Resp: 85578

Ion Ratio Lower Upper

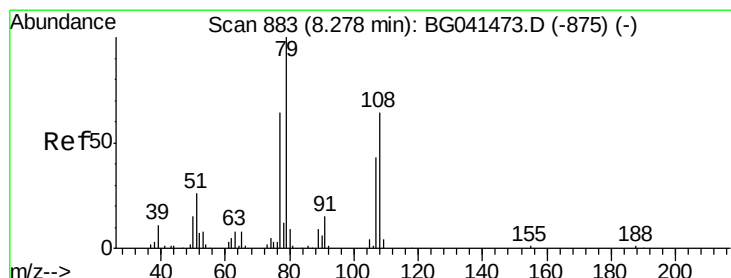
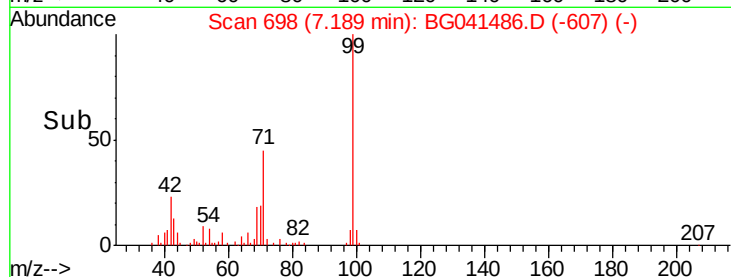
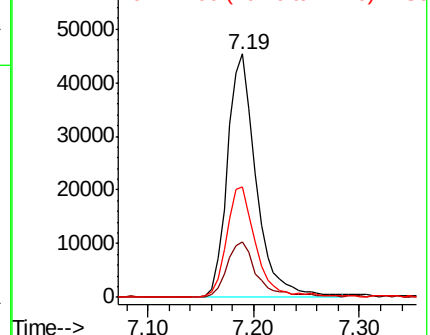
99 100

42 22.8 19.0 28.6

71 45.3 37.4 56.2



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: 2.011 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

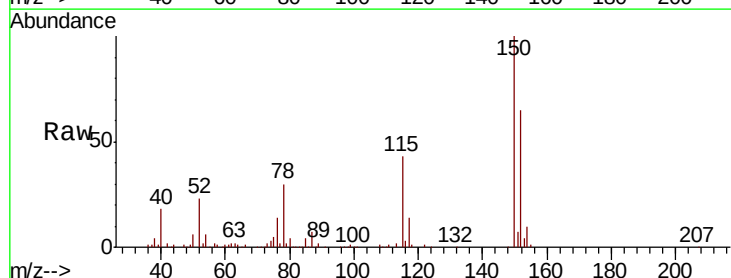
Tgt Ion: 79 Resp: 3953

Ion Ratio Lower Upper

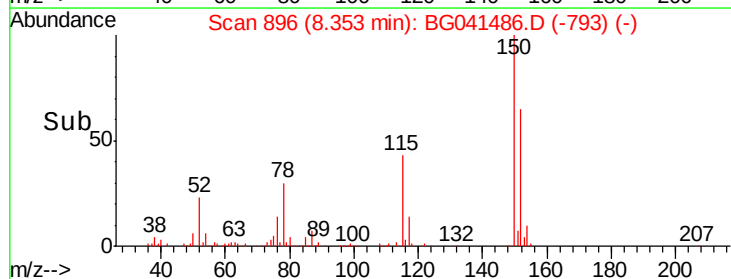
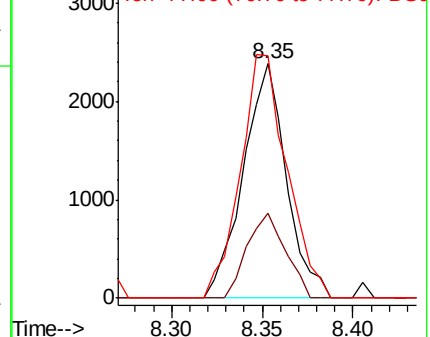
79 100

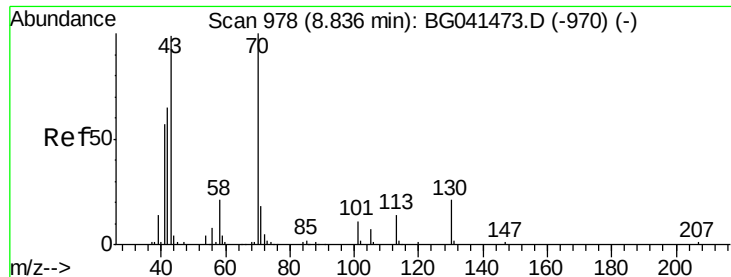
108 36.1 51.4 77.0#

77 103.3 50.8 76.2#



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

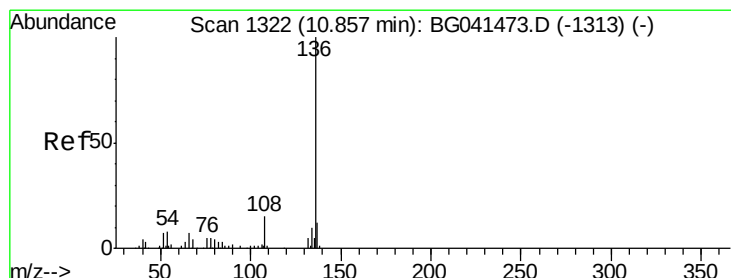
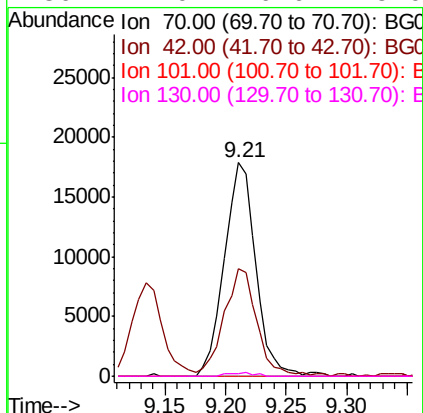
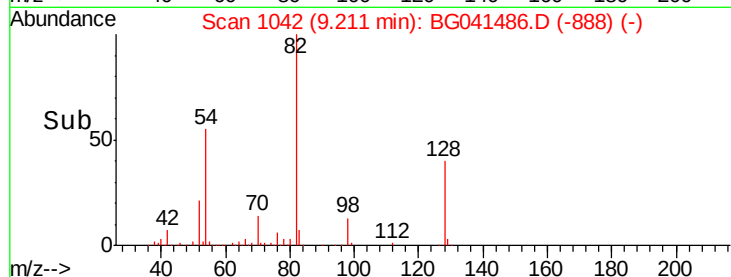
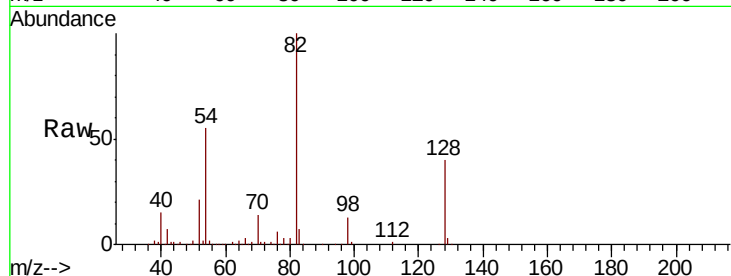




#19
n-Nitroso-di-n-propylamine
Concen: 17.635 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

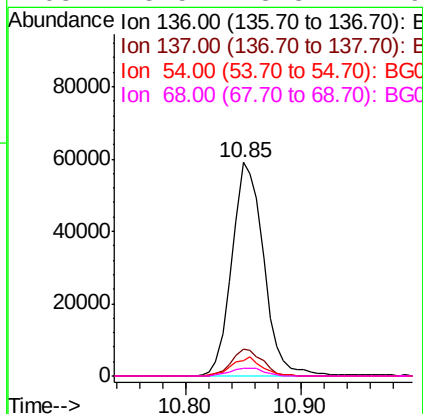
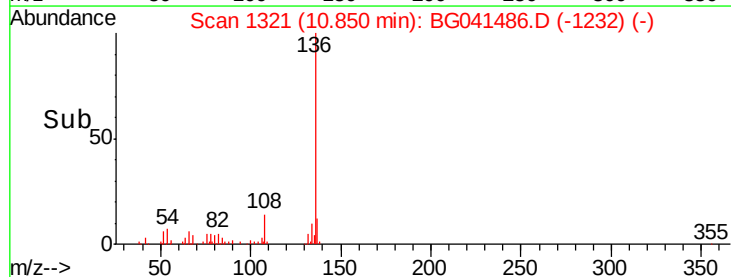
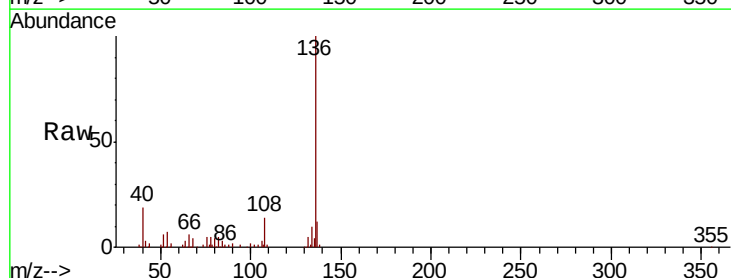
Instrument :
BNA_G
ClientSampleId :
MH-J-B-SETTLED-2H

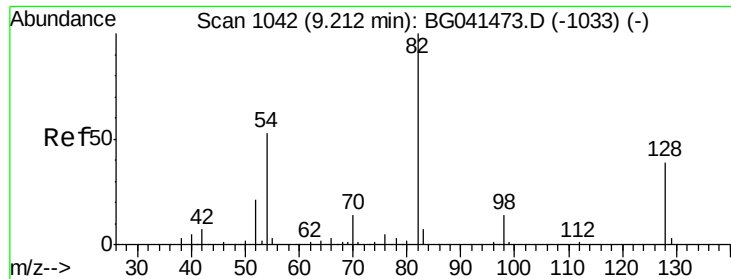
Tgt Ion: 70 Resp: 32467
Ion Ratio Lower Upper
70 100
42 50.4 52.6 78.8#
101 0.0 8.6 13.0#
130 1.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Tgt Ion: 136 Resp: 112763
Ion Ratio Lower Upper
136 100
137 12.4 9.3 13.9
54 7.3 7.1 10.7
68 3.5 3.3 4.9

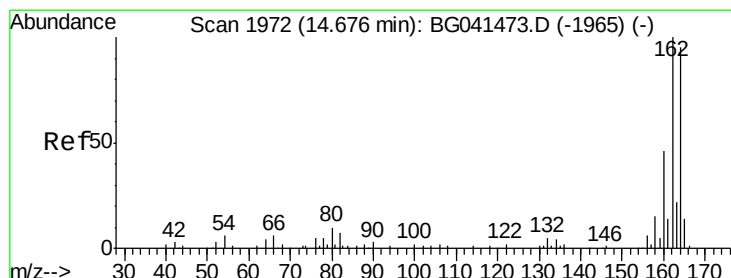
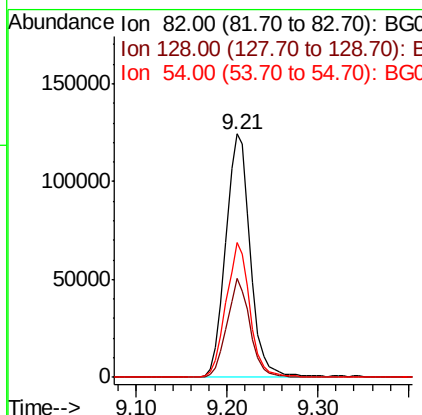
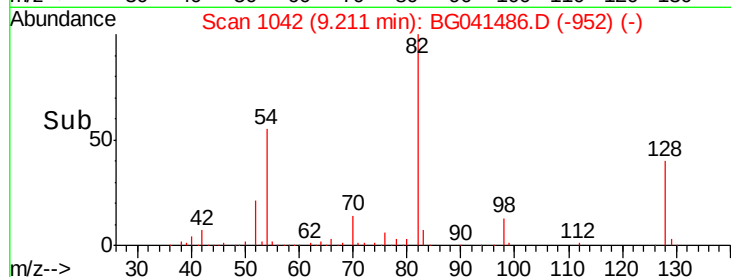
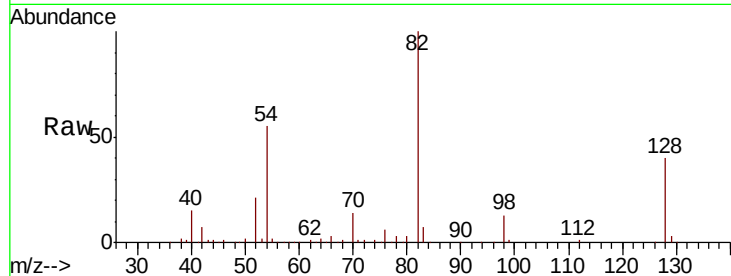




#23
 Nitrobenzene-d5
 Concen: 86.753 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

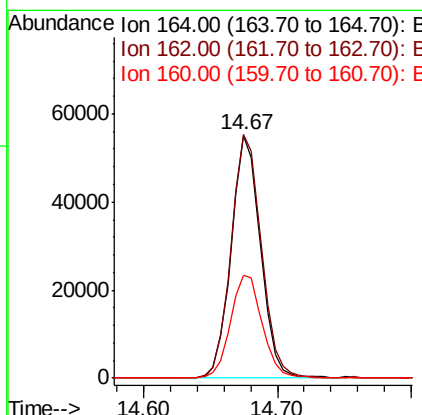
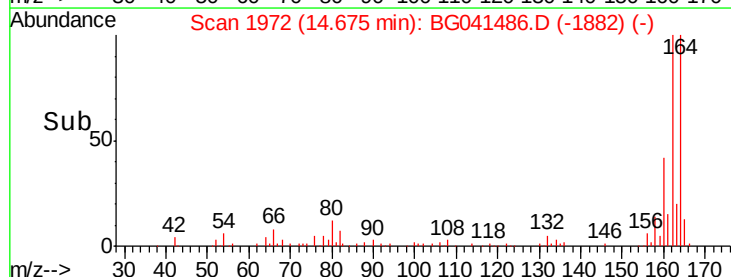
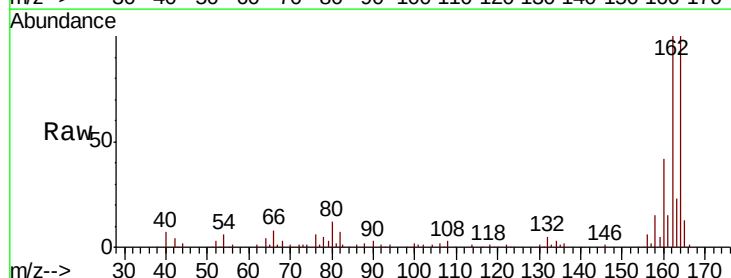
Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

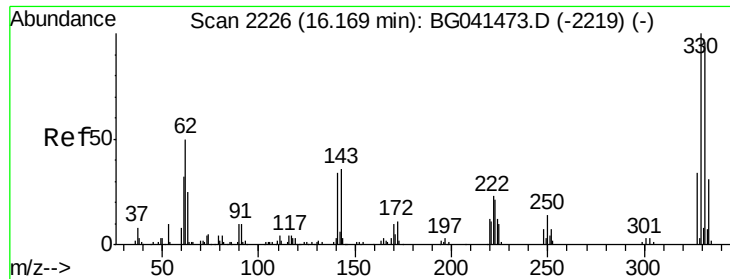
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.9	46.3
54	55.3	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	84.4	126.6
160	42.5	38.8	58.2

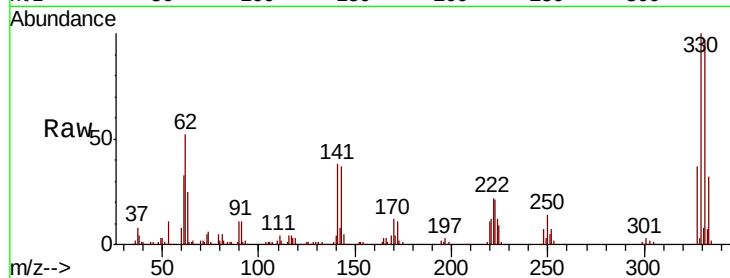




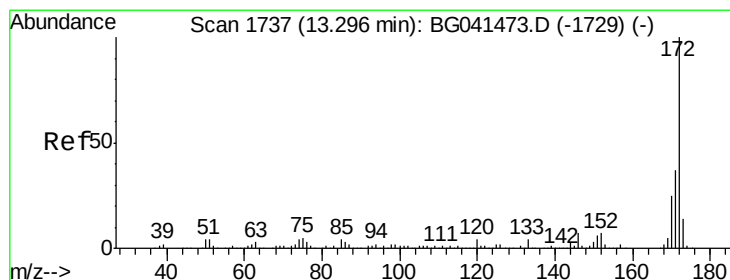
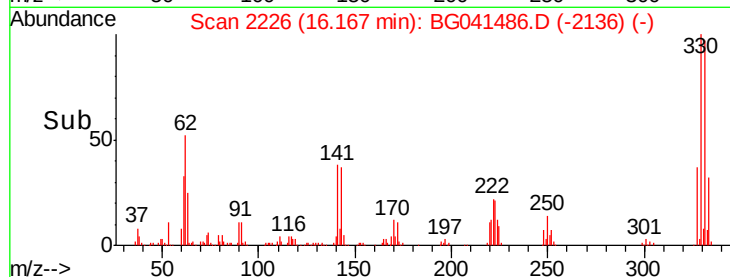
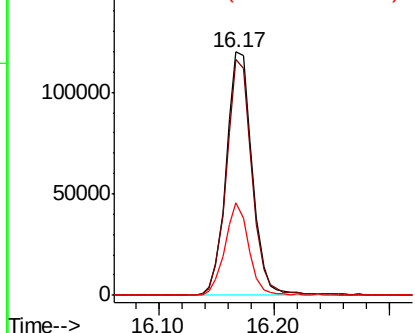
#42
 2,4,6-Tribromophenol
 Concen: 129.986 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

Tgt Ion:330 Resp: 186946
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.5 113.3
 141 35.2 27.8 41.6

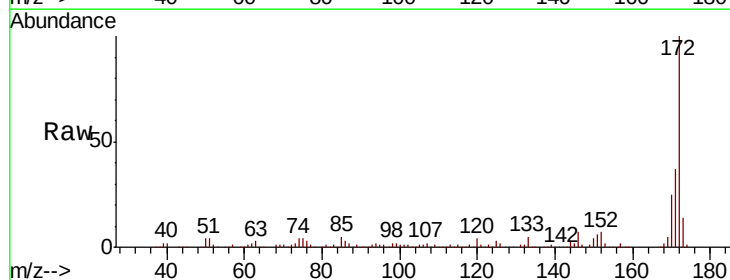


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

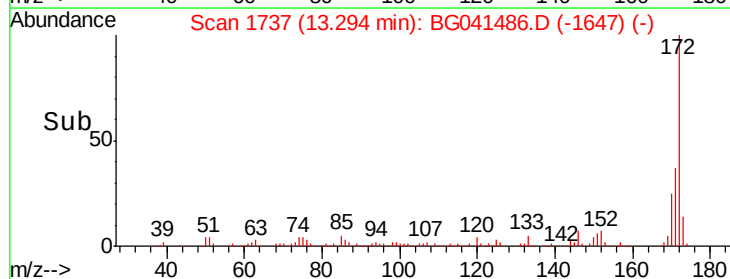
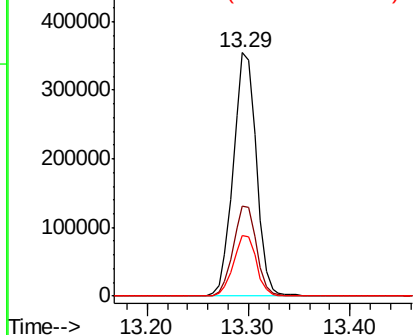


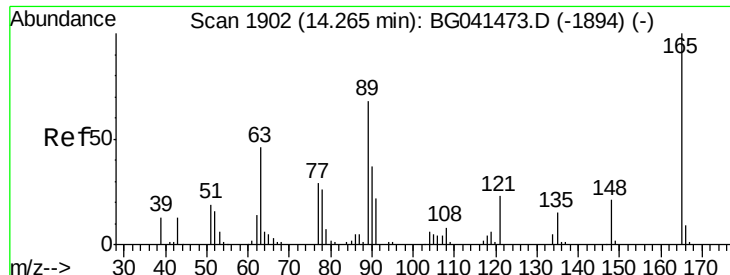
#45
 2-Fluorobiphenyl
 Concen: 85.348 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Tgt Ion:172 Resp: 560216
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 25.1 20.0 30.0



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

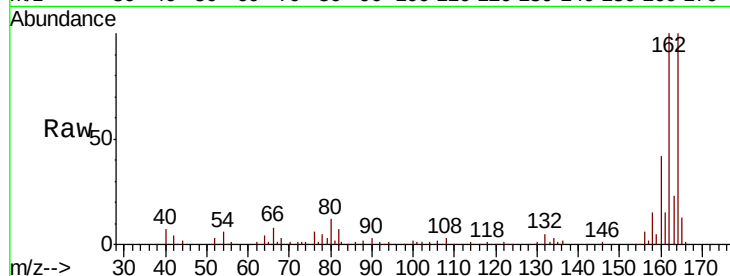




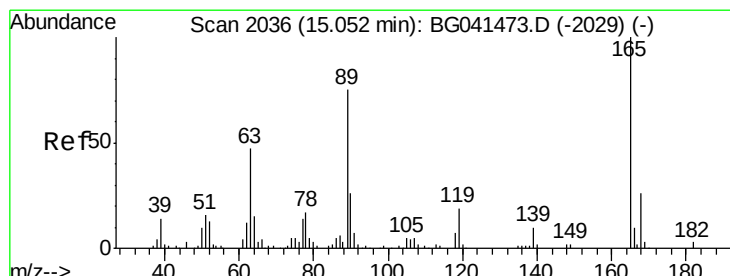
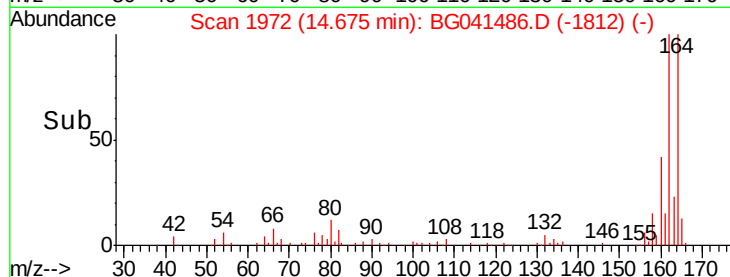
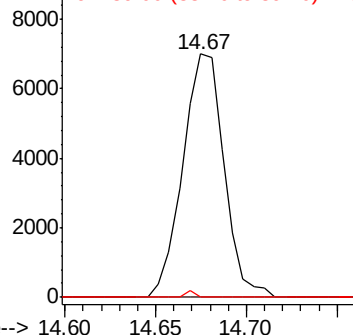
#51
 2,6-Dinitrotoluene
 Concen: 6.838 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

Tgt Ion:165 Resp: 11123
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.4 84.6#
 89 0.0 54.6 81.8#

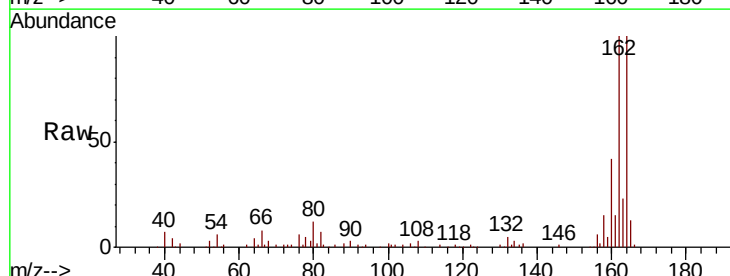


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

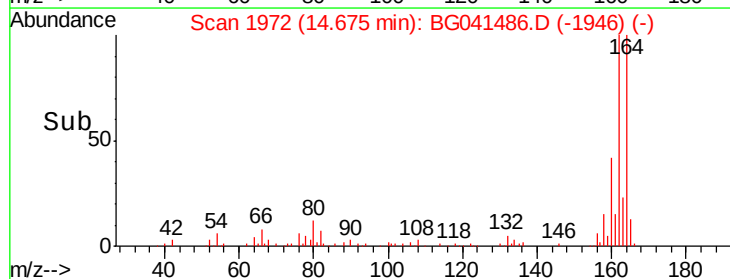
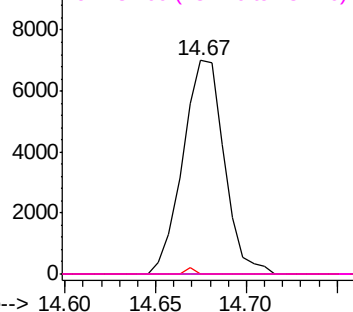


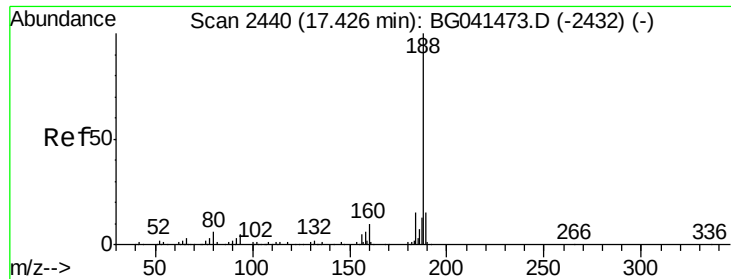
#57
 2,4-Dinitrotoluene
 Concen: 4.713 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Tgt Ion:165 Resp: 11123
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.8 58.2#
 89 0.0 60.1 90.1#
 182 0.0 2.2 3.2#



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

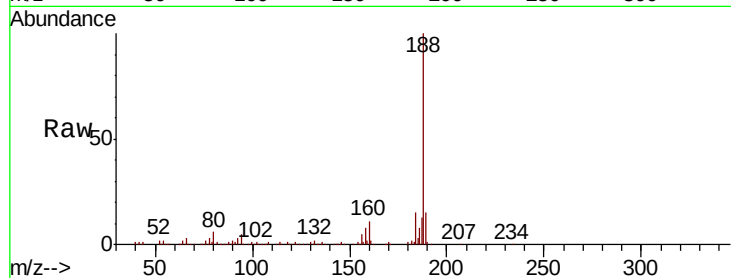




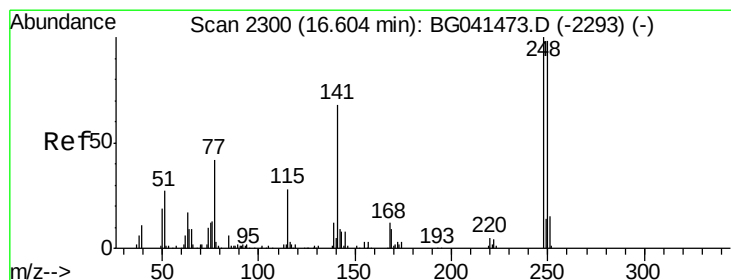
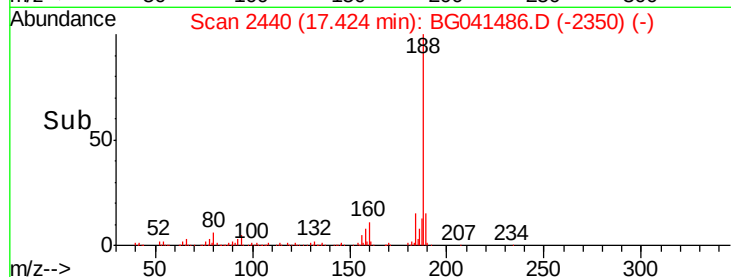
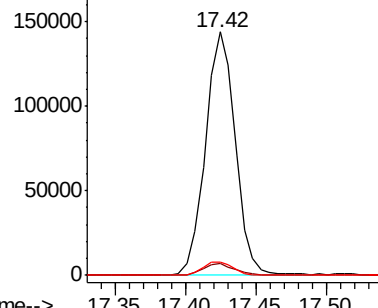
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Instrument :
BNA_G
ClientSampleId :
MH-J-B-SETTLED-2H

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	5.5	4.8	7.2

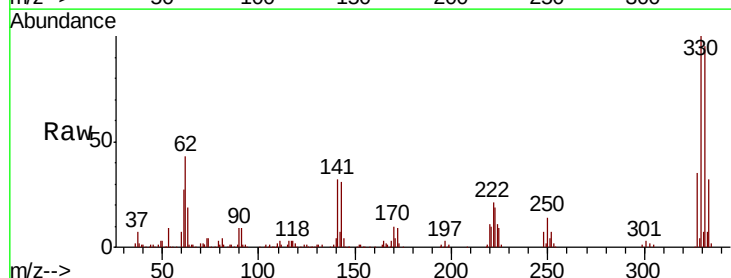


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

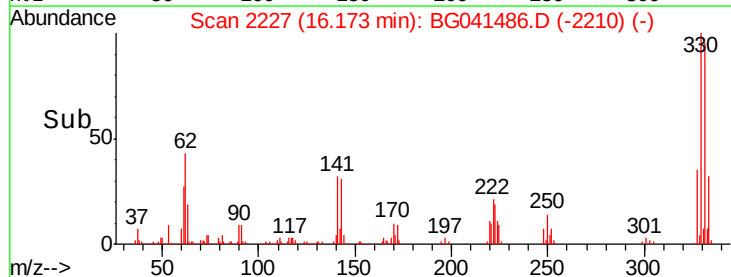
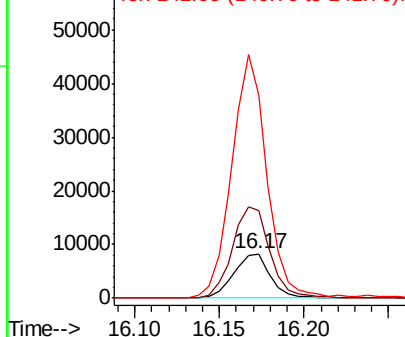


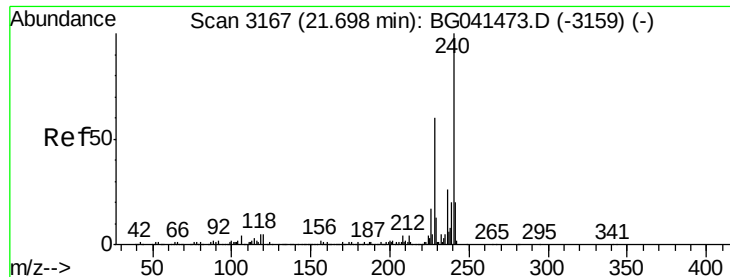
#67
4-Bromophenyl-phenylether
Concen: 4.283 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.43 min
Lab File: BG041486.D
Acq: 27 Jun 2019 11:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.1	78.1	117.1#
141	460.9	54.1	81.1#



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

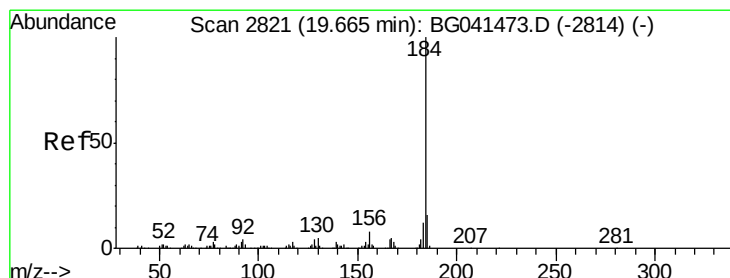
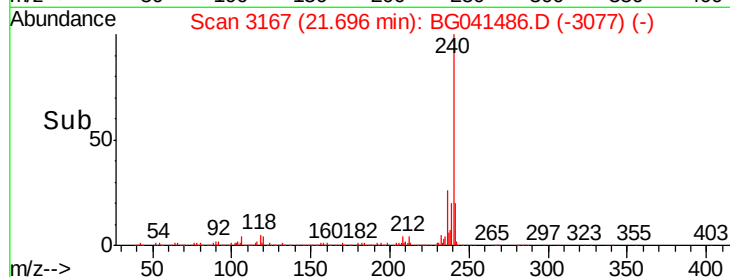
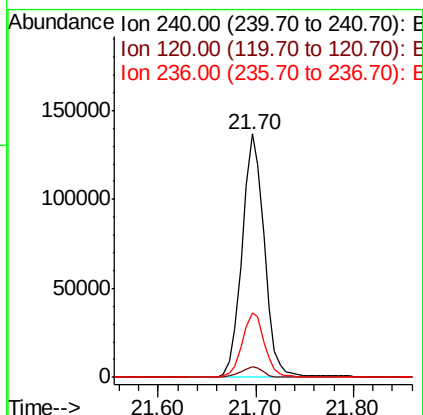
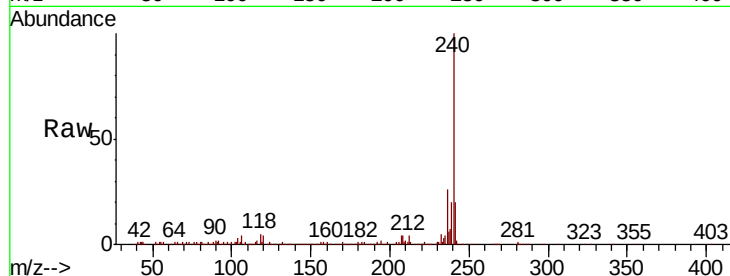




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

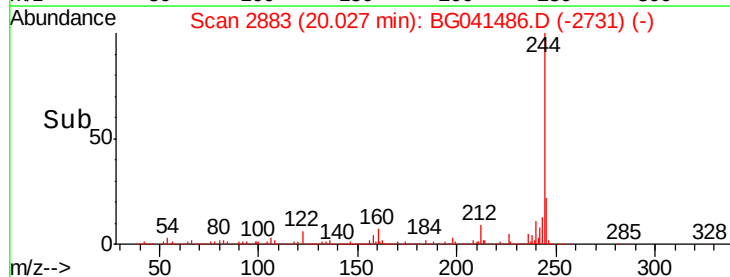
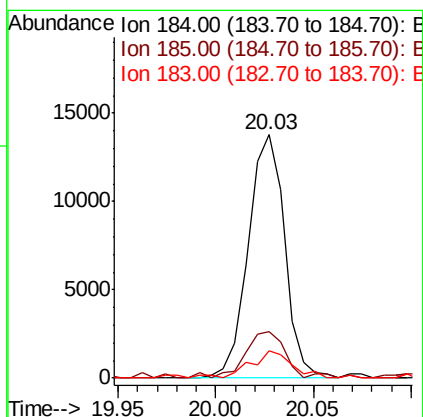
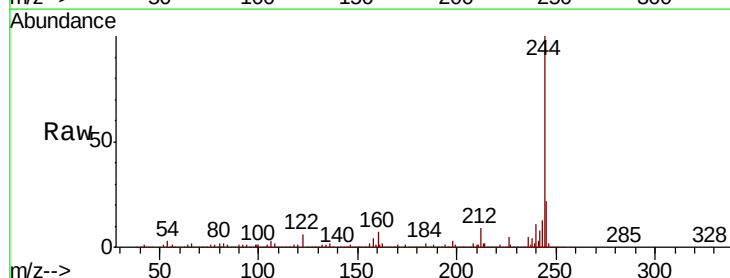
Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-SETTLED-2H

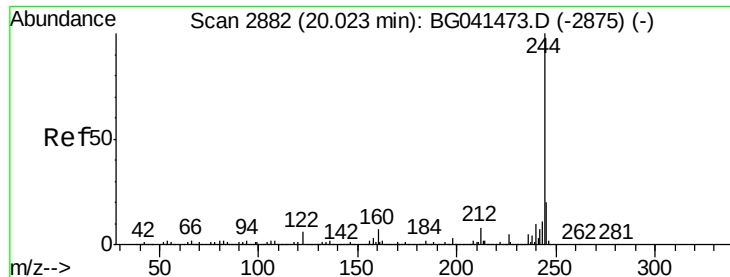
Tgt Ion:240 Resp: 217811
 Ion Ratio Lower Upper
 240 100
 120 4.2 3.7 5.5
 236 26.4 20.8 31.2



#77
 Benzidine
 Concen: 3.682 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.36 min
 Lab File: BG041486.D
 Acq: 27 Jun 2019 11:50

Tgt Ion:184 Resp: 17795
 Ion Ratio Lower Upper
 184 100
 185 19.2 12.7 19.1#
 183 11.1 9.4 14.2





#79

Terphenyl-d14

Concen: 103.420 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

Instrument :

BNA_G

ClientSampleId :

MH-J-B-SETTLED-2H

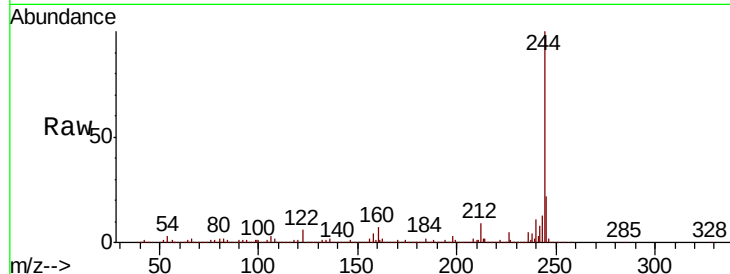
Tgt Ion:244 Resp: 1060005

Ion Ratio Lower Upper

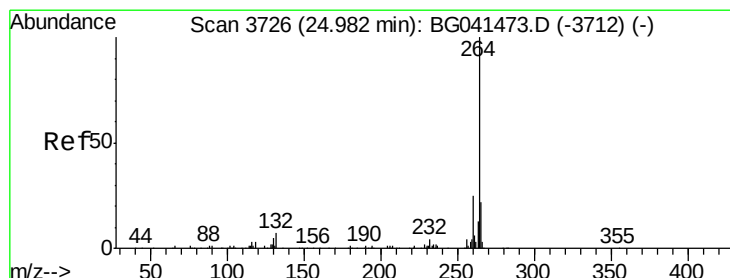
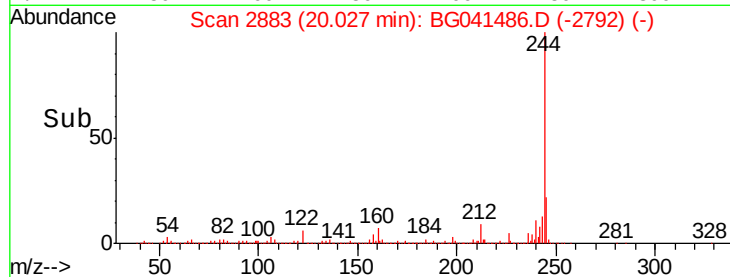
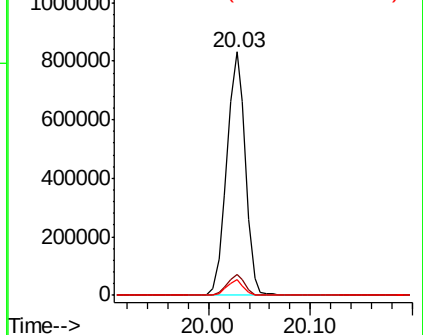
244 100

212 8.6 6.2 9.4

122 6.3 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041486.D

Acq: 27 Jun 2019 11:50

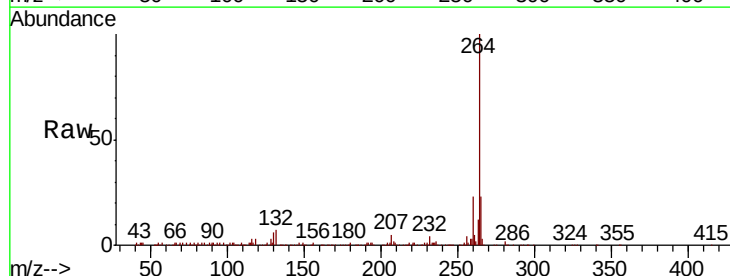
Tgt Ion:264 Resp: 238910

Ion Ratio Lower Upper

264 100

260 23.0 19.7 29.5

265 22.6 17.4 26.2



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

