

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041495.D
 Acq On : 27 Jun 2019 19:35
 Operator : HP/JU
 Sample : K3552-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-2

Quant Time: Jun 28 05:52:52 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

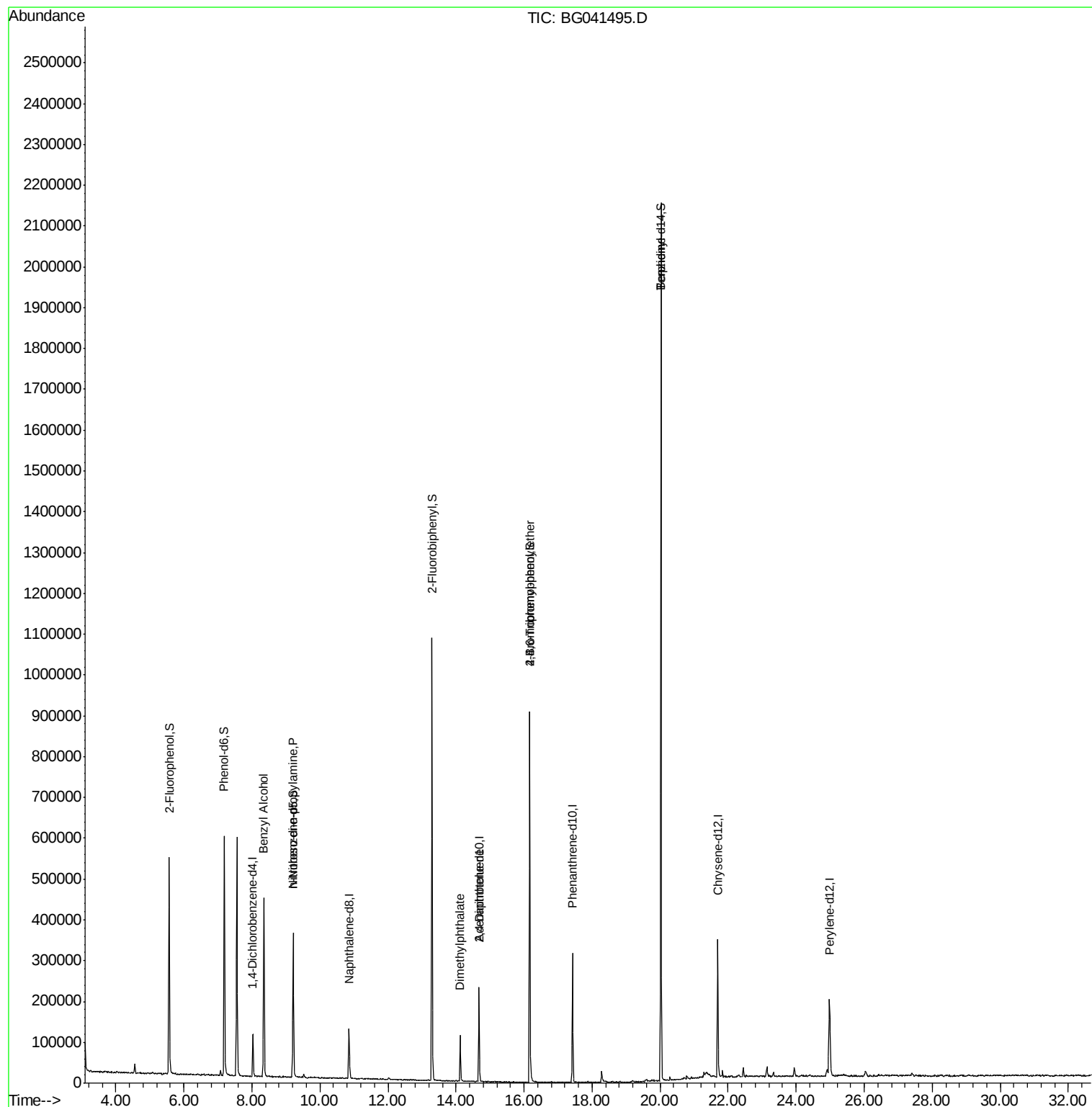
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	30316	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	108841	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	81526	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	208616	20.00	ng	0.00
76) Chrysene-d12	21.70	240	219726	20.00	ng	0.00
87) Perylene-d12	24.98	264	232729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	215379	126.66	ng	0.00
7) Phenol-d6	7.19	99	318874	133.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	223156	85.51	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	180789	129.88	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	546227	85.98	ng	0.00
79) Terphenyl-d14	20.02	244	1017186	98.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	3994	2.095	ng	# 61
19) n-Nitroso-di-n-propylamine	9.21	70	32170	18.017	ng	# 75
50) Dimethylphthalate	14.12	163	83111	11.202	ng	# 98
57) 2,4-Dinitrotoluene	14.67	165	10653	4.664	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	13029	4.570	ng	# 1
77) Benzidine	20.02	184	16605	3.406	ng	# 94

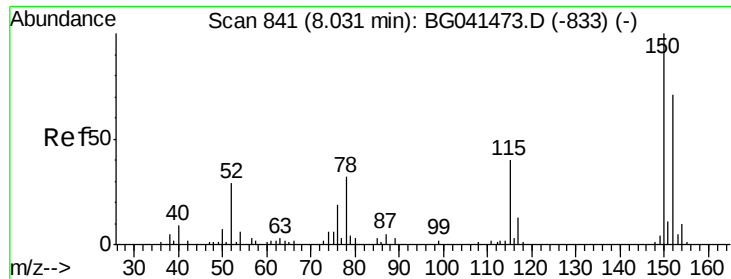
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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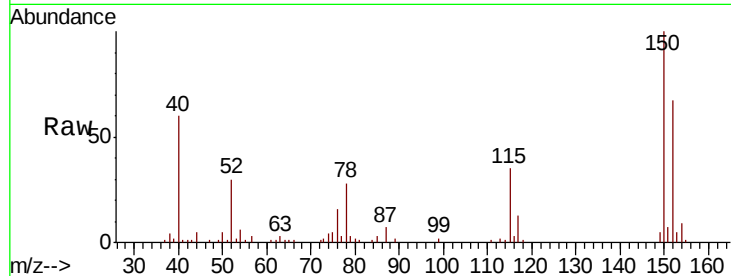


#1

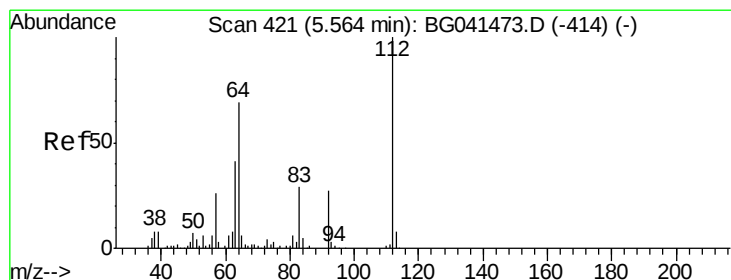
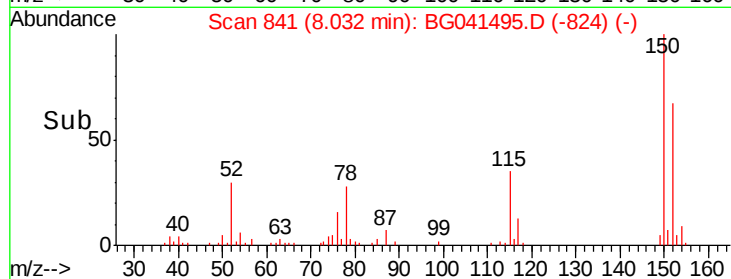
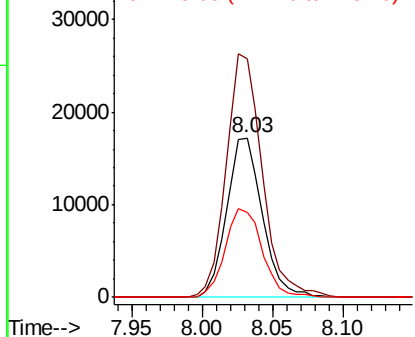
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Instrument :
BNA_G
ClientSampleId :
M-2

Tgt Ion:152 Resp: 30316
Ion Ratio Lower Upper
152 100
150 149.8 112.4 168.6
115 53.1 44.6 66.8



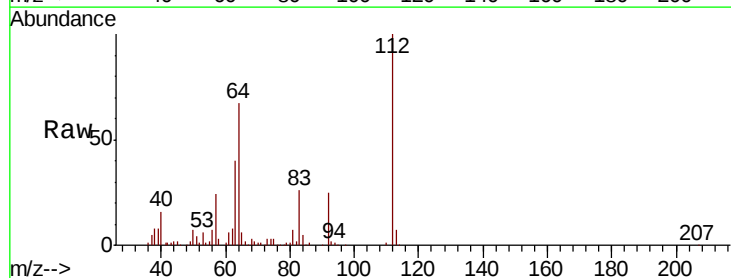
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



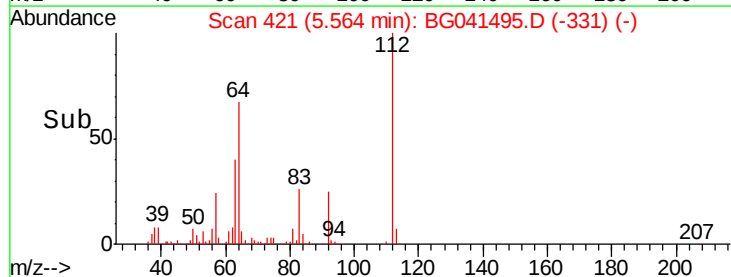
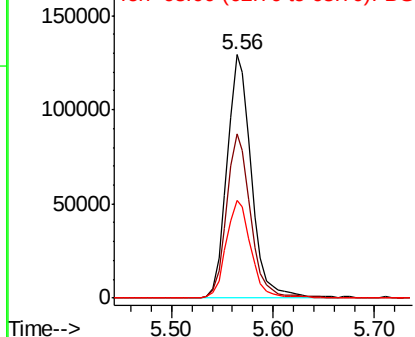
#5

2-Fluorophenol
Concen: 126.662 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Tgt Ion:112 Resp: 215379
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 40.0 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 133.211 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampled :

M-2

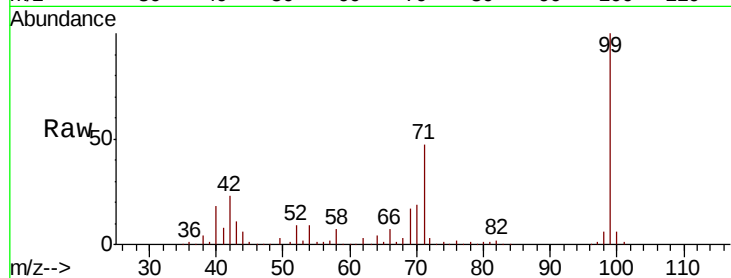
Tgt Ion: 99 Resp: 318874

Ion Ratio Lower Upper

99 100

42 23.0 19.0 28.6

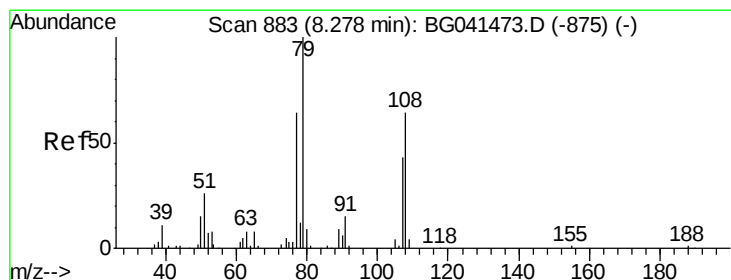
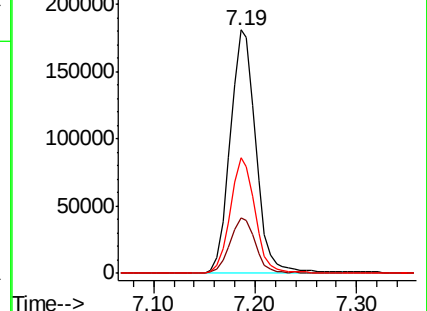
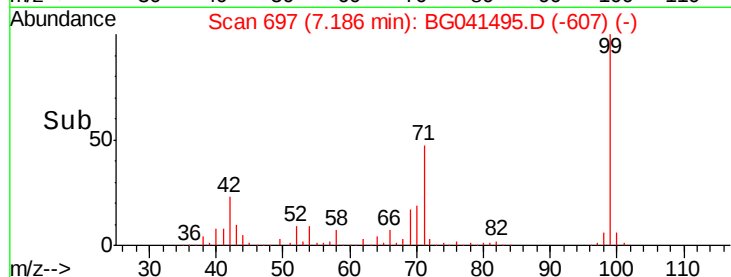
71 47.5 37.4 56.2



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: 2.095 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.06 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

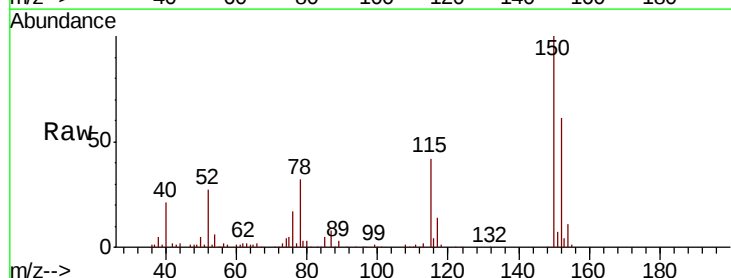
Tgt Ion: 79 Resp: 3994

Ion Ratio Lower Upper

79 100

108 26.4 51.4 77.0#

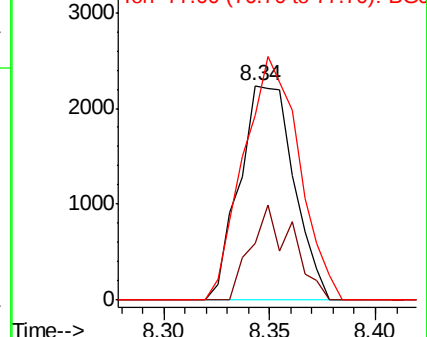
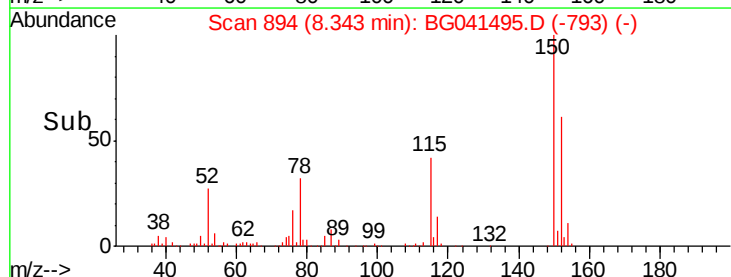
77 86.1 50.8 76.2#

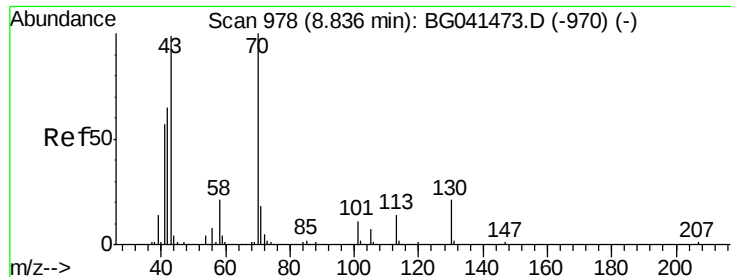


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: 18.017 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.38 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampled :

M-2

Tgt Ion: 70 Resp: 32170

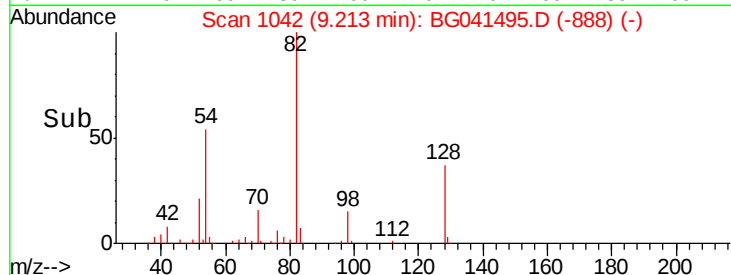
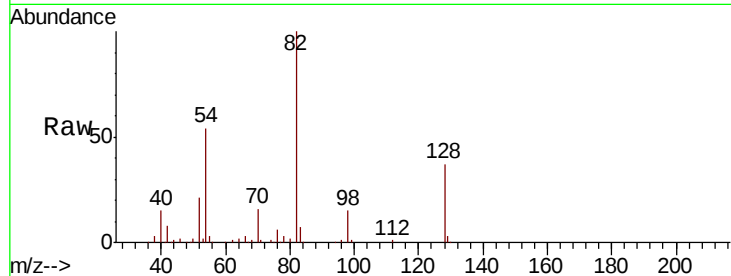
Ion Ratio Lower Upper

70 100

42 50.7 52.6 78.8#

101 0.0 8.6 13.0#

130 1.6 16.6 25.0#

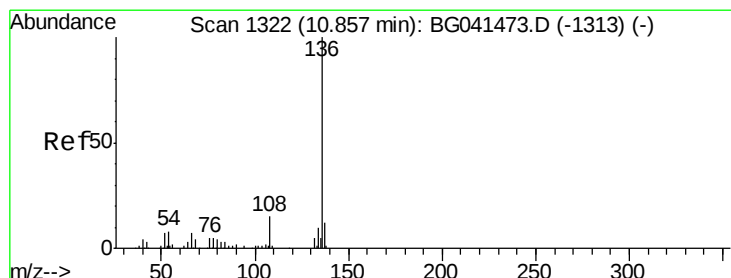
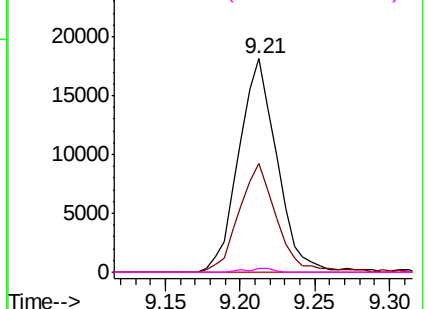


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Tgt Ion: 136 Resp: 108841

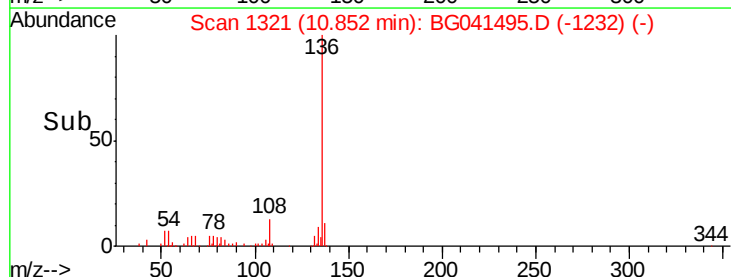
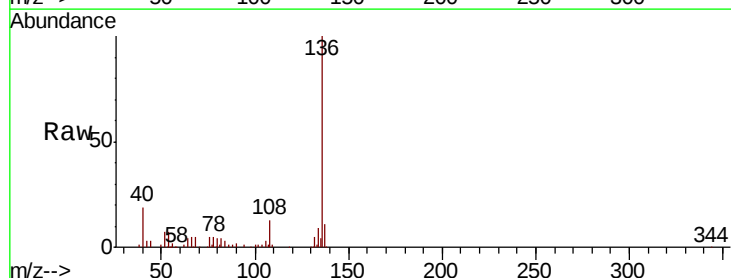
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.3 7.1 10.7

68 5.2 3.3 4.9#

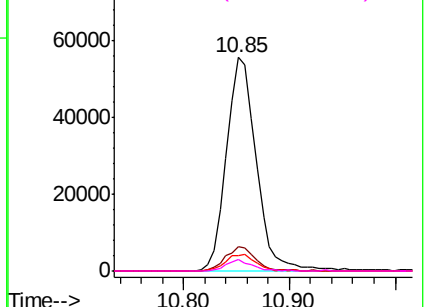


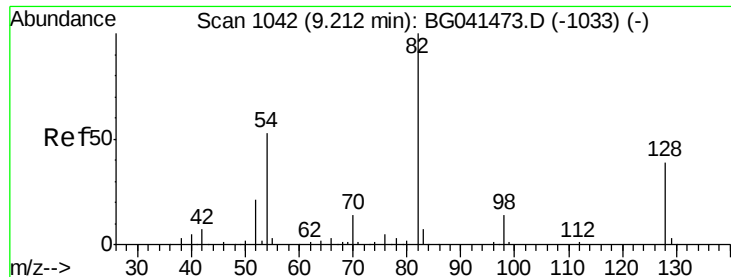
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

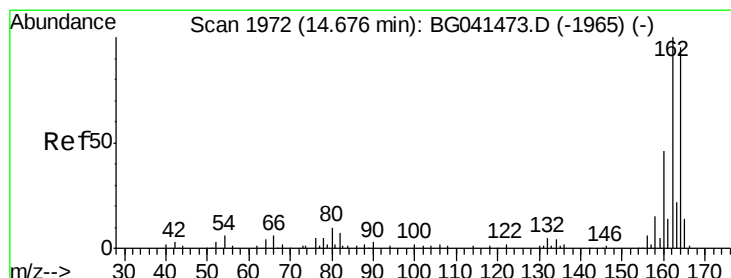
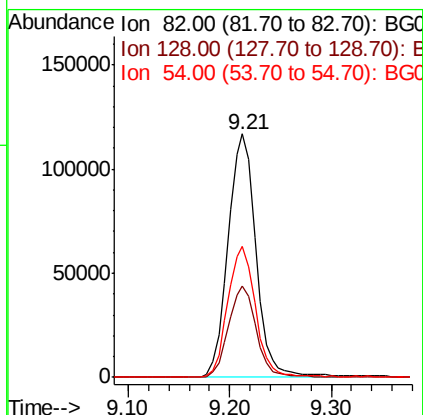
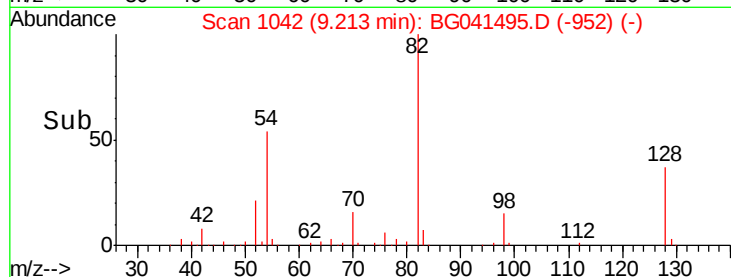
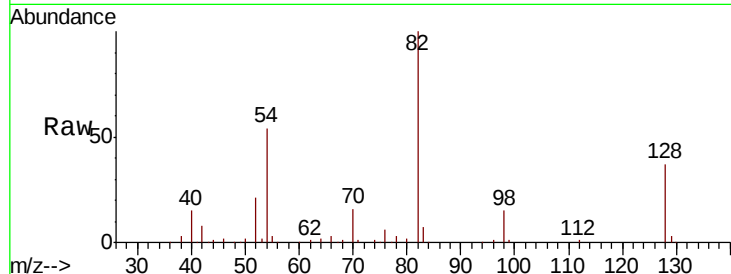




#23
Nitrobenzene-d5
Concen: 85.512 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

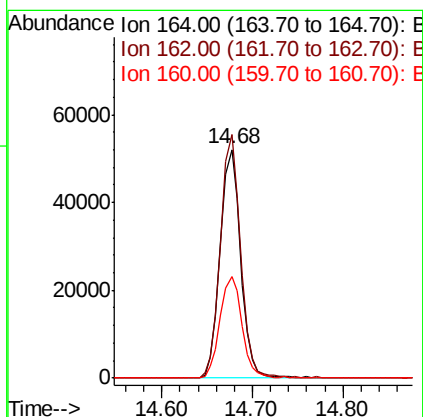
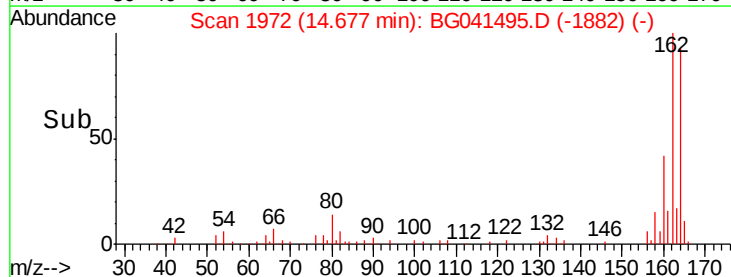
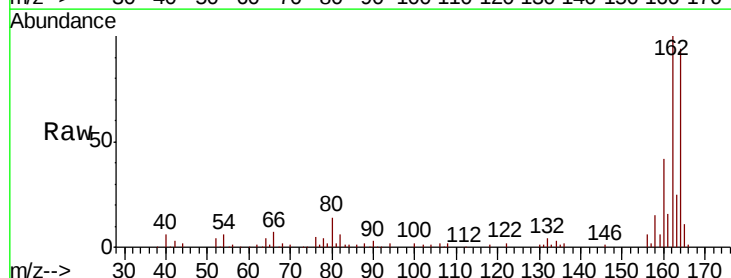
Instrument :
BNA_G
ClientSampleId :
M-2

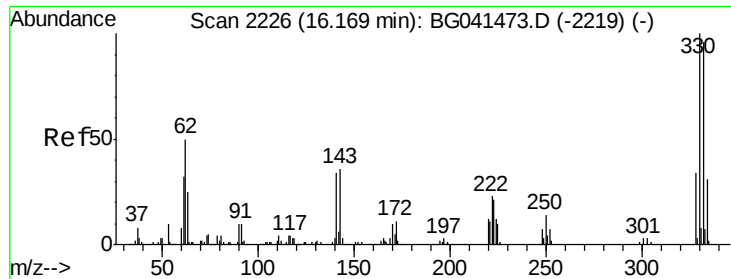
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	54.0	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.4	126.6
160	44.7	38.8	58.2

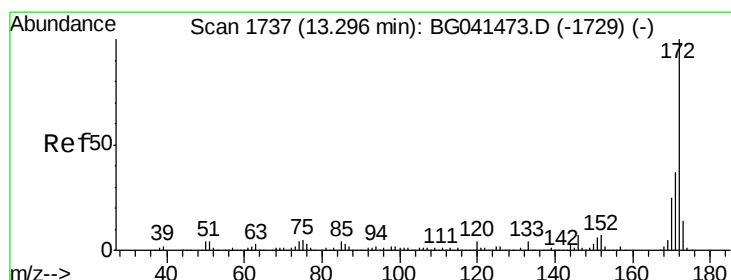
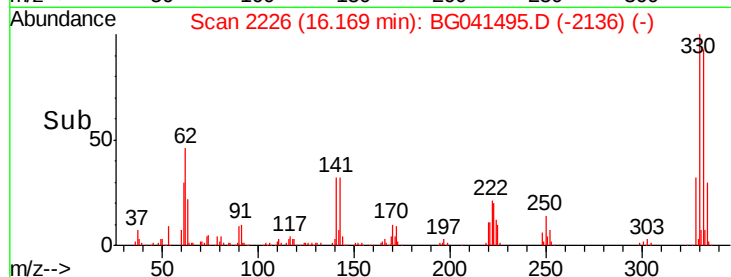
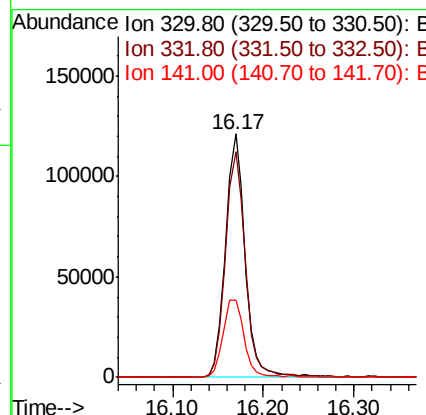
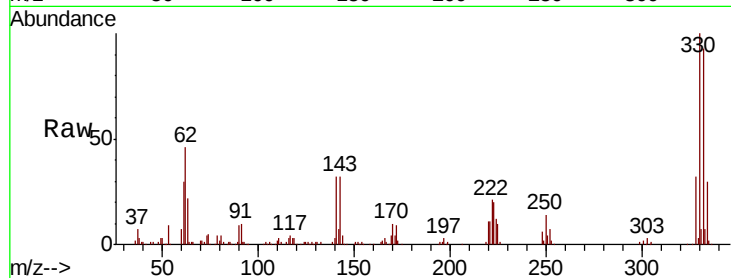




#42
 2,4,6-Tribromophenol
 Concen: 129.877 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041495.D
 Acq: 27 Jun 2019 19:35

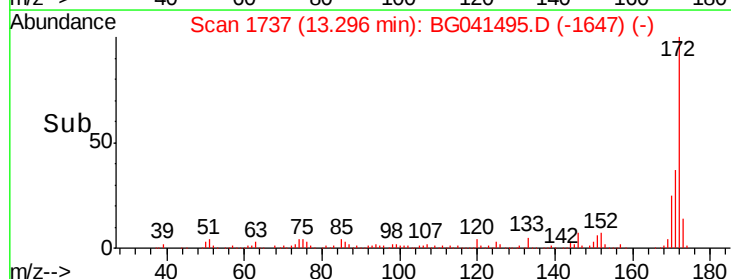
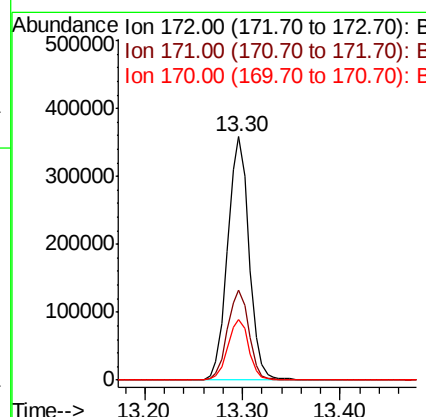
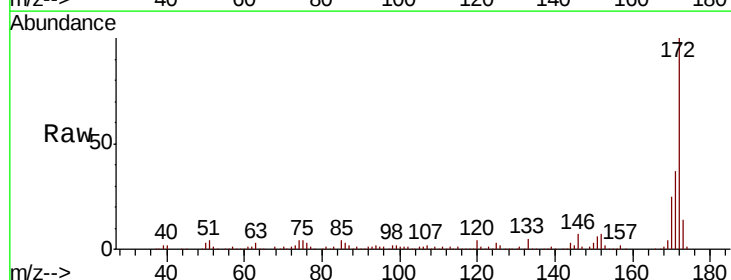
Instrument :
 BNA_G
 ClientSampleId :
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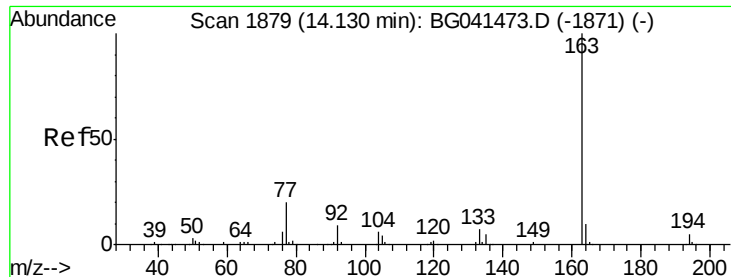
Tgt Ion:330 Resp: 180789
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.5 113.3
 141 34.9 27.8 41.6



#45
 2-Fluorobiphenyl
 Concen: 85.979 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041495.D
 Acq: 27 Jun 2019 19:35

Tgt Ion:172 Resp: 546227
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.7 20.0 30.0





#50

Dimethylphthalate

Concen: 11.202 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampleId :

M-2

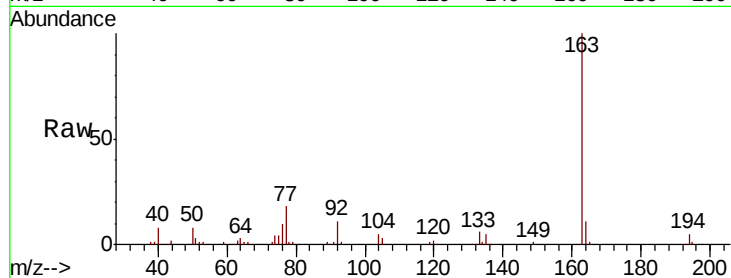
Tgt Ion:163 Resp: 83111

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

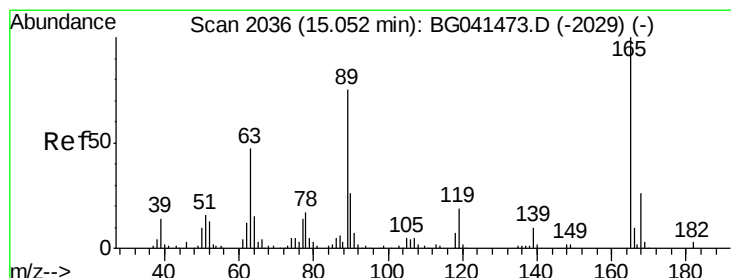
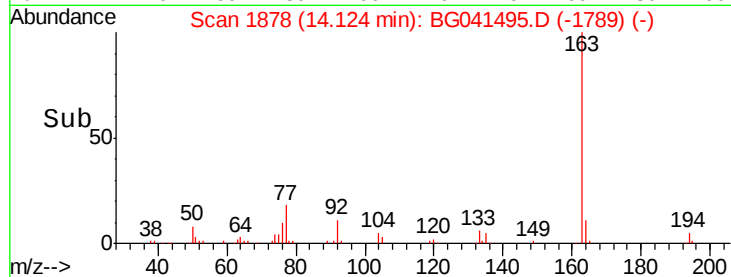
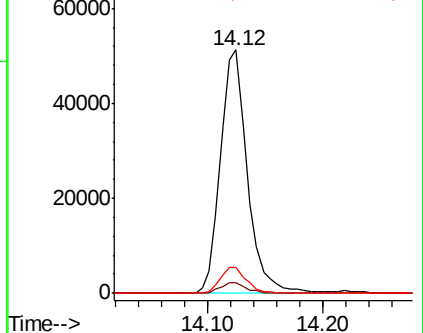
164 10.8 7.8 11.6



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: 4.664 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Tgt Ion:165 Resp: 10653

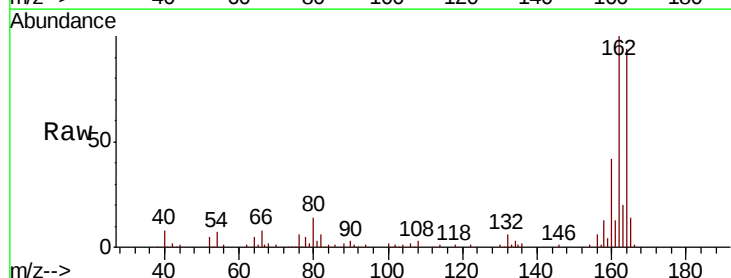
Ion Ratio Lower Upper

165 100

63 0.0 38.8 58.2#

89 0.0 60.1 90.1#

182 0.0 2.2 3.2#

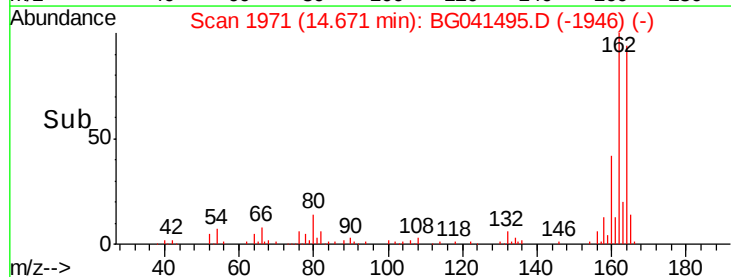
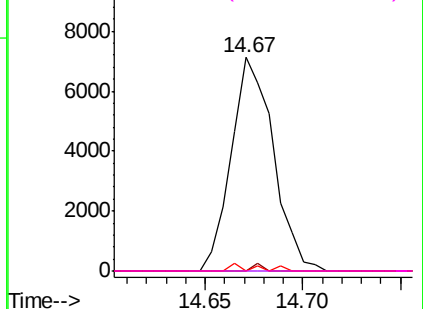


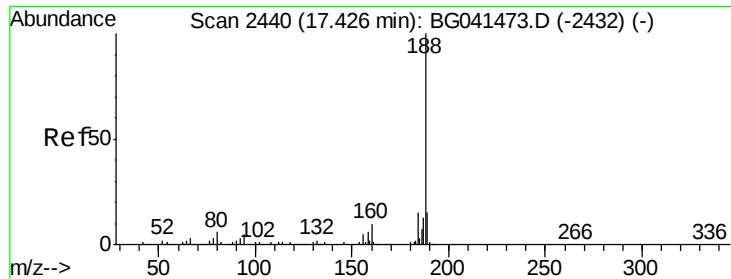
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2439

Delta R.T. -0.01 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampleId :

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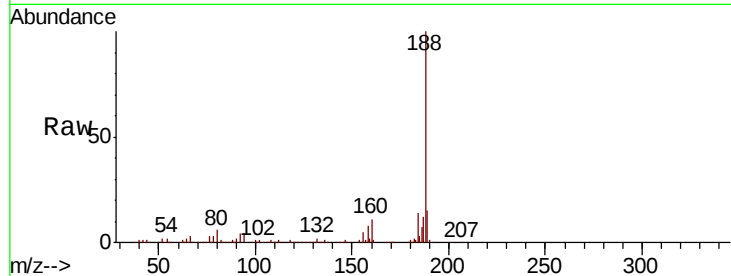
Tgt Ion:188 Resp: 208616

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

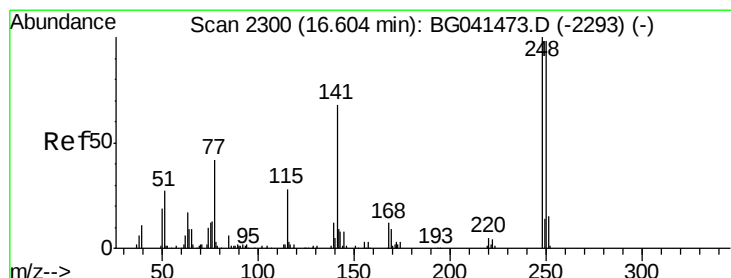
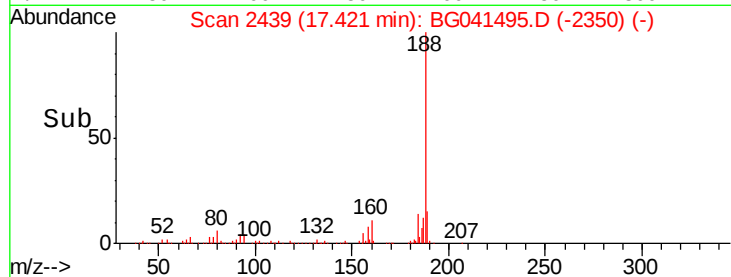
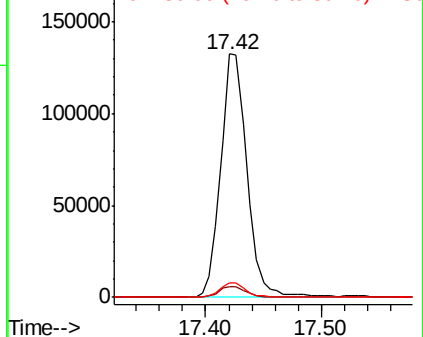
80 5.9 4.8 7.2



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



#67

4-Bromophenyl-phenylether

Concen: 4.570 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.43 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

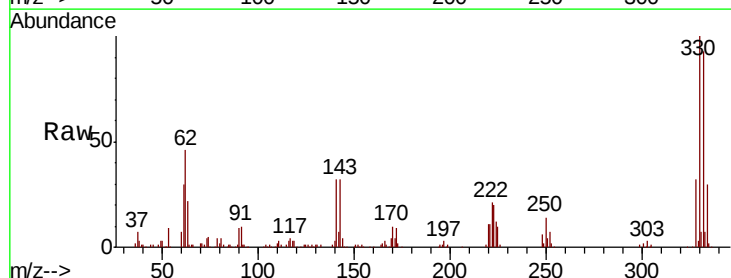
Tgt Ion:248 Resp: 13029

Ion Ratio Lower Upper

248 100

250 210.9 78.1 117.1#

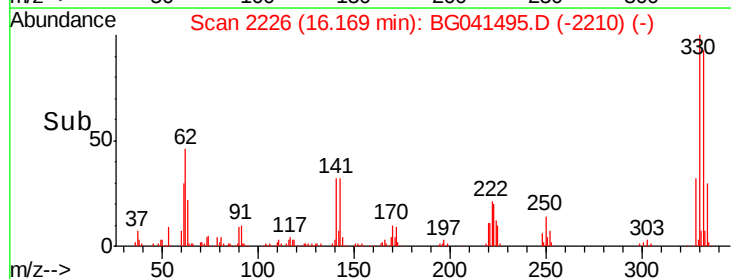
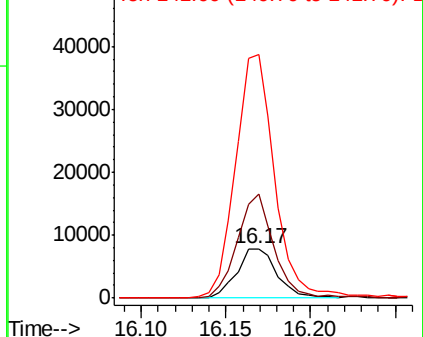
141 494.4 54.1 81.1#

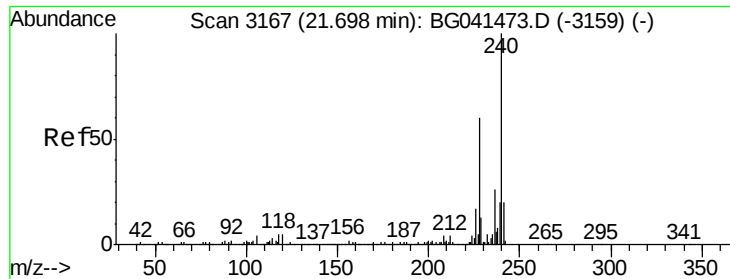


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

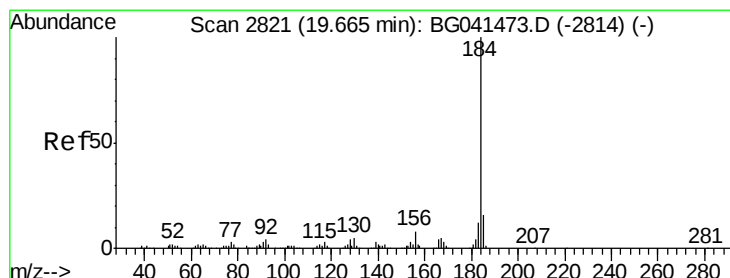
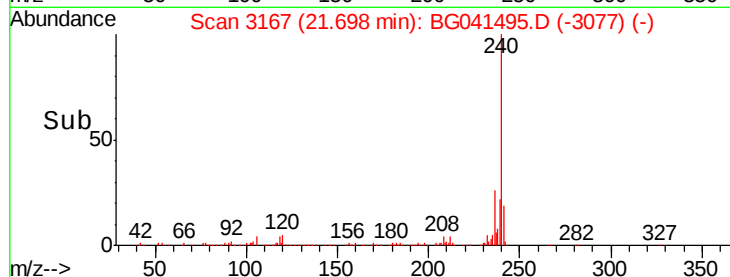
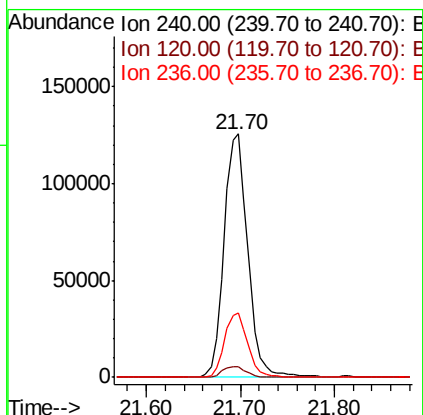
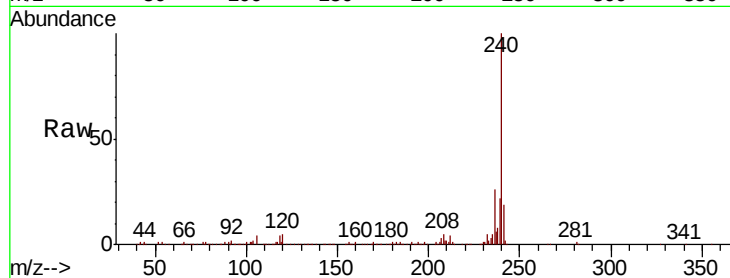




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

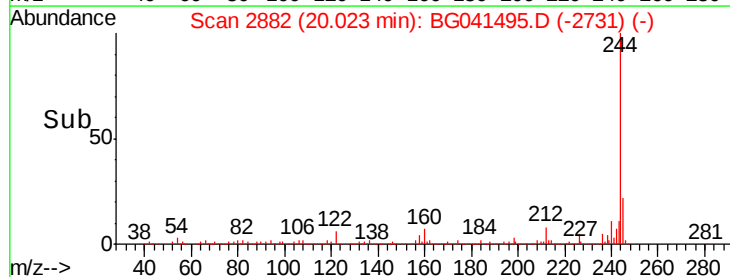
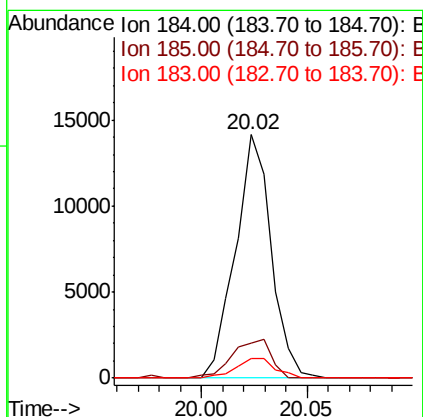
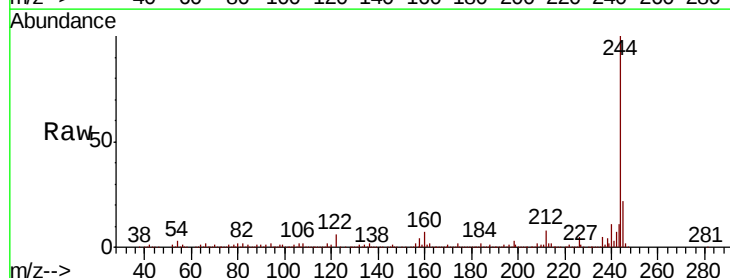
Instrument :
BNA_G
ClientSampleId :
M-2

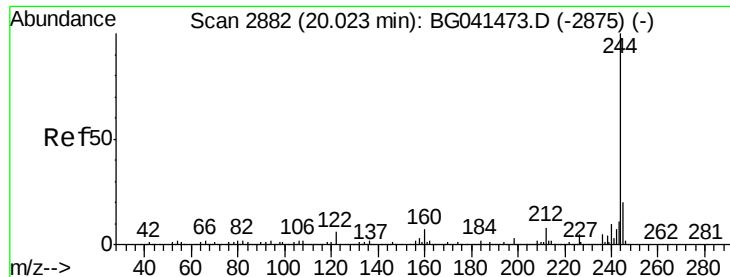
Tgt Ion:240 Resp: 219726
Ion Ratio Lower Upper
240 100
120 4.6 3.7 5.5
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.406 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Tgt Ion:184 Resp: 16605
Ion Ratio Lower Upper
184 100
185 14.6 12.7 19.1
183 8.1 9.4 14.2#

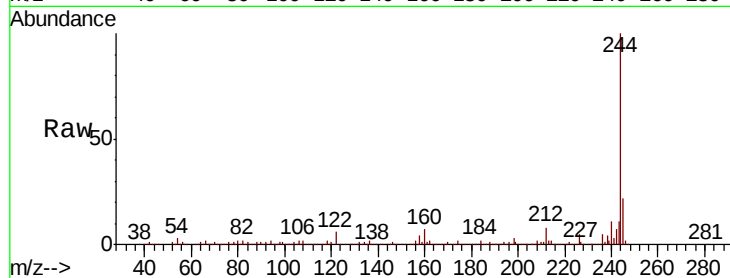




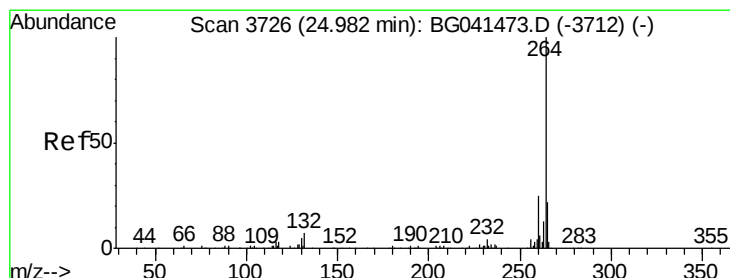
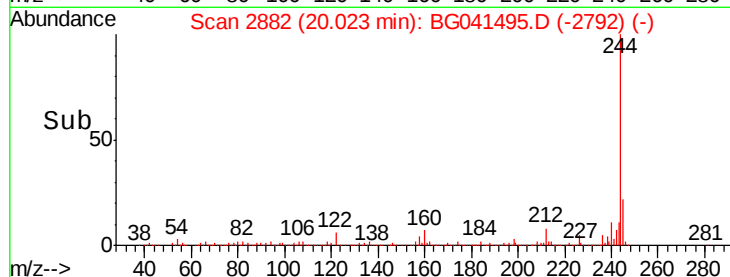
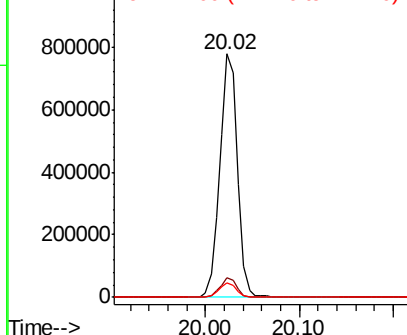
#79
 Terphenyl-d14
 Concen: 98.377 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG041495.D
 Acq: 27 Jun 2019 19:35

Instrument :
 BNA_G
 ClientSampleId :
 M-2

Tgt Ion:244 Resp: 1017186
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 6.0 4.8 7.2

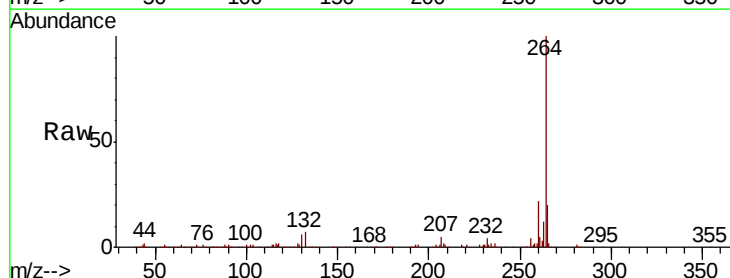


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. 0.00 min
 Lab File: BG041495.D
 Acq: 27 Jun 2019 19:35

Tgt Ion:264 Resp: 232729
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.7 29.5
 265 20.5 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

