

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041497.D
 Acq On : 27 Jun 2019 20:51
 Operator : HP/JU
 Sample : K3552-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-4

Quant Time: Jun 28 05:53:15 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

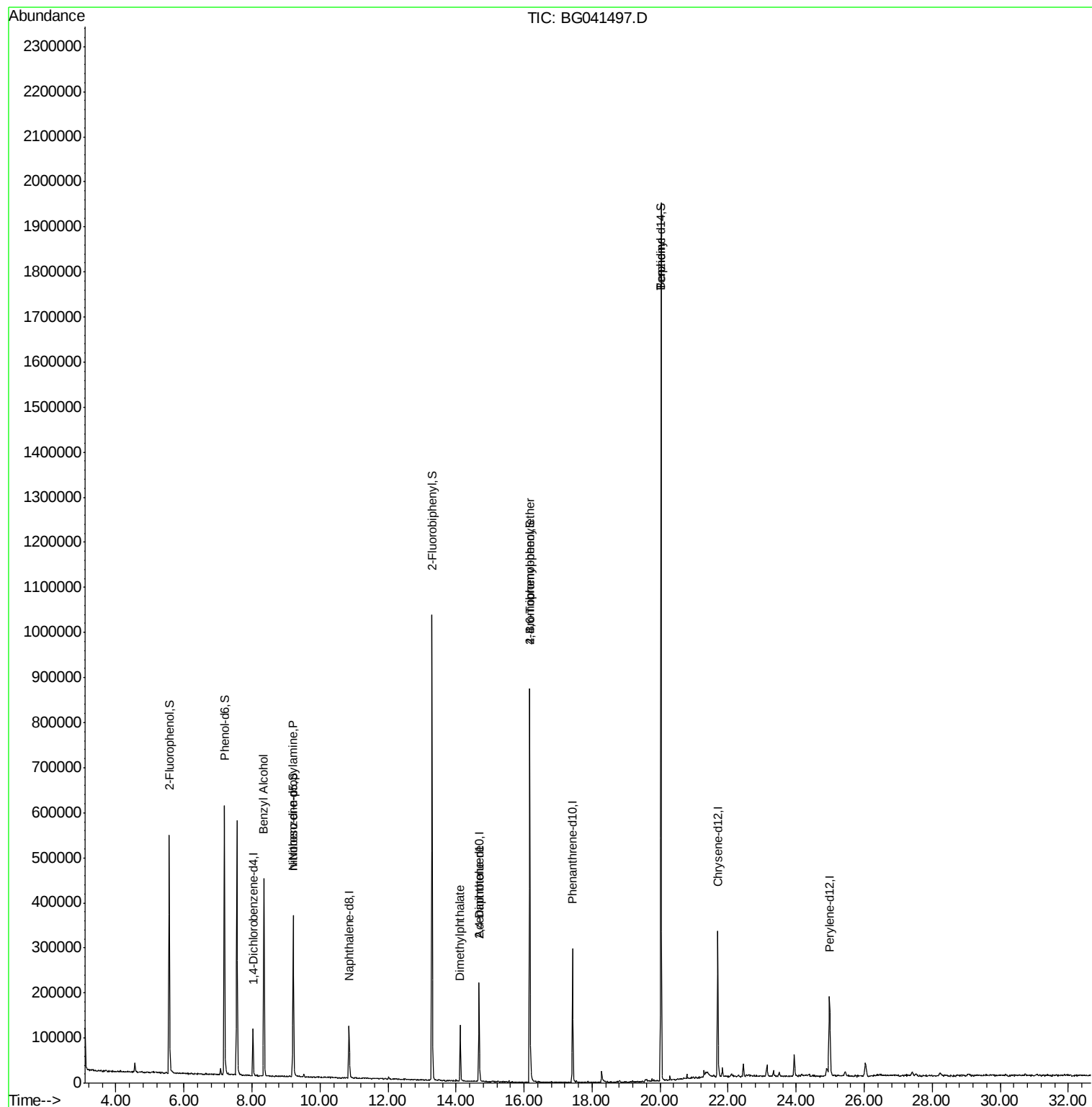
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28008	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	103985	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	75797	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	198694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	208392	20.00	ng	0.00
87) Perylene-d12	24.97	264	218507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	215584	137.23	ng	0.00
7) Phenol-d6	7.19	99	317699	143.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	222405	89.20	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	175922	135.93	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	531781	90.03	ng	0.00
79) Terphenyl-d14	20.03	244	974341	99.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	3875	2.200	ng	# 49
19) n-Nitroso-di-n-propylamine	9.21	70	31357	19.009	ng	# 73
50) Dimethylphthalate	14.12	163	89817	13.021	ng	# 99
57) 2,4-Dinitrotoluene	14.68	165	10278	4.840	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	12534	4.616	ng	# 1
77) Benzidine	20.03	184	16181	3.500	ng	# 92

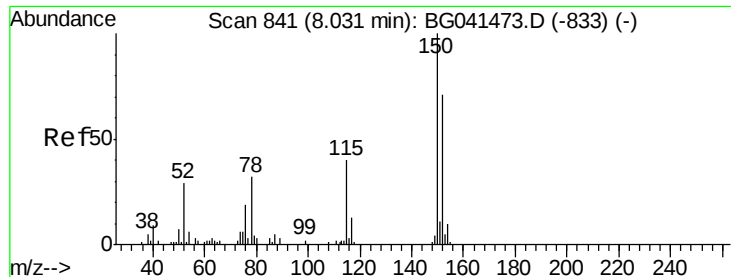
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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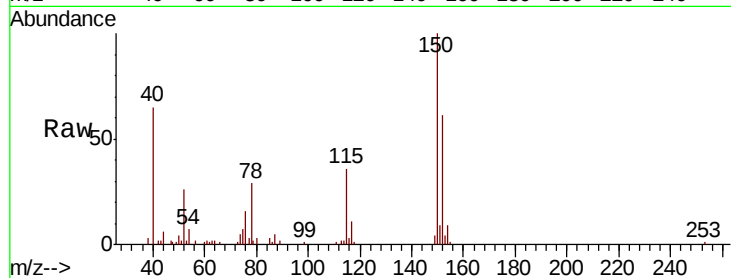


#1

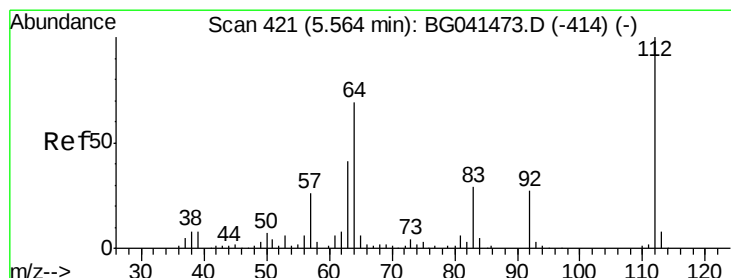
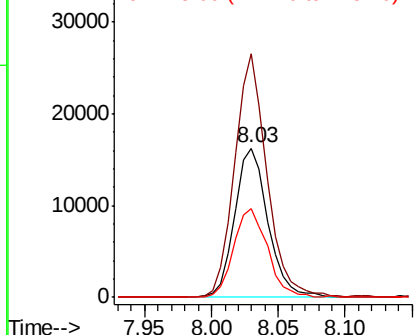
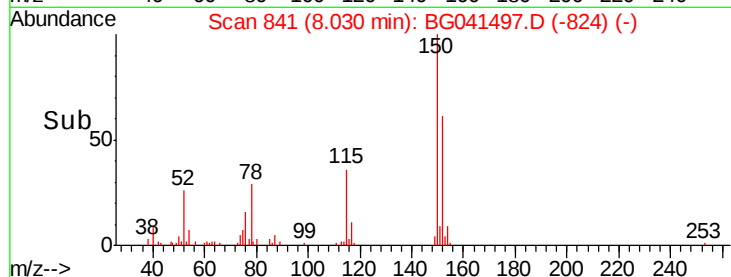
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

Instrument :
BNA_G
ClientSampleId :
M-4

Tgt Ion:152 Resp: 28008
Ion Ratio Lower Upper
152 100
150 162.9 112.4 168.6
115 59.2 44.6 66.8



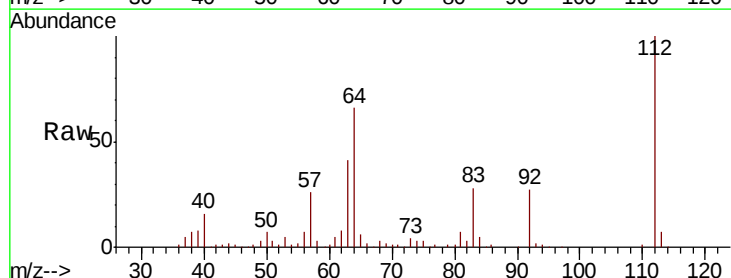
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



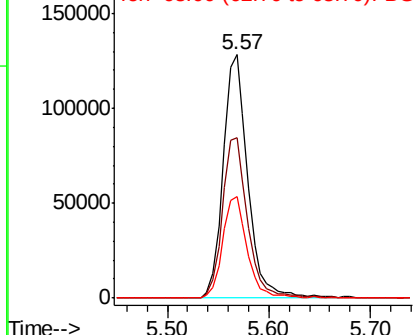
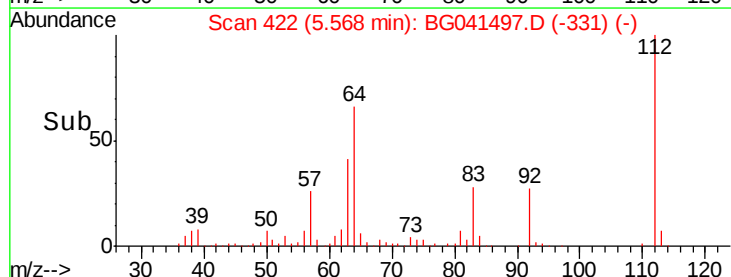
#5

2-Fluorophenol
Concen: 137.230 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

Tgt Ion:112 Resp: 215584
Ion Ratio Lower Upper
112 100
64 65.7 55.1 82.7
63 41.4 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: 143.657 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

Instrument :

BNA_G

ClientSampled :

M-4

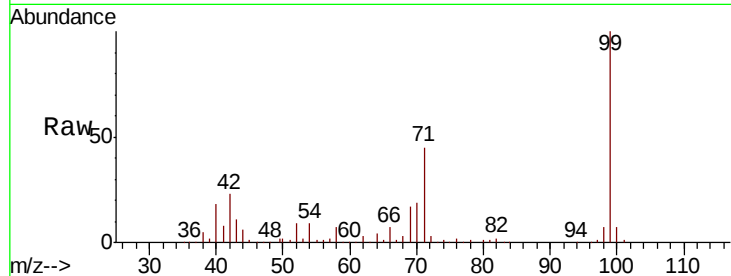
Tgt Ion: 99 Resp: 317699

Ion Ratio Lower Upper

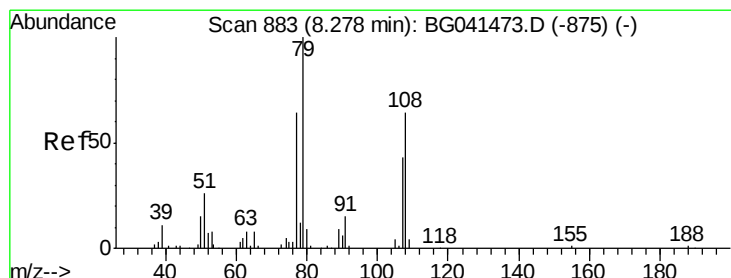
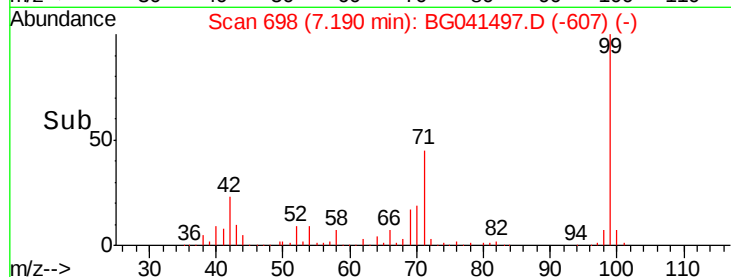
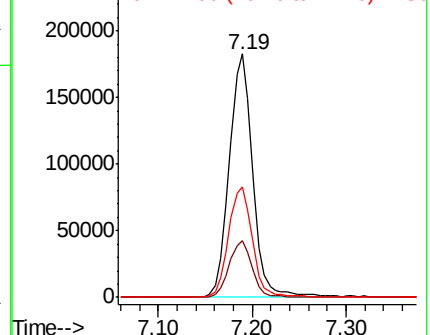
99 100

42 23.1 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: 2.200 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

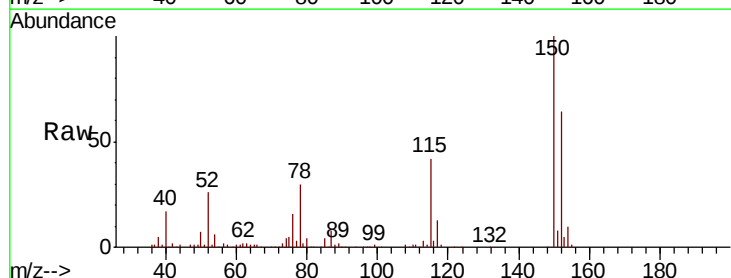
Tgt Ion: 79 Resp: 3875

Ion Ratio Lower Upper

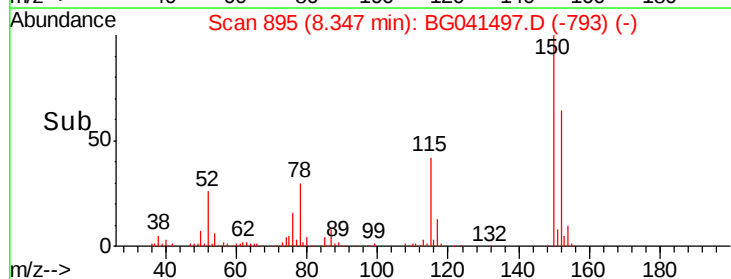
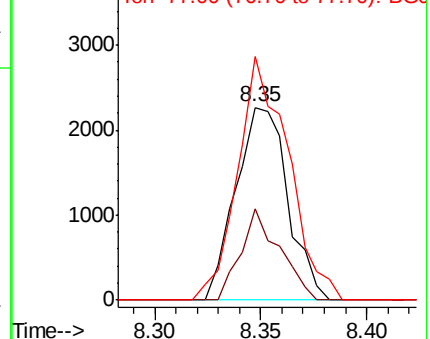
79 100

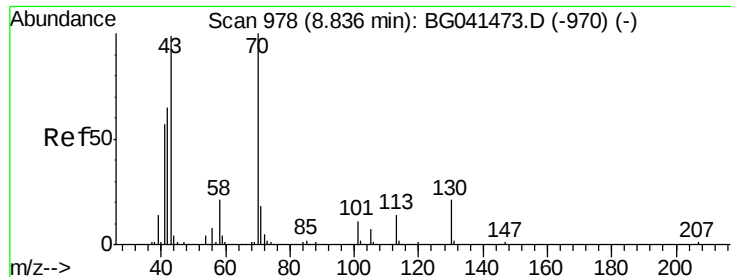
108 47.1 51.4 77.0#

77 126.3 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

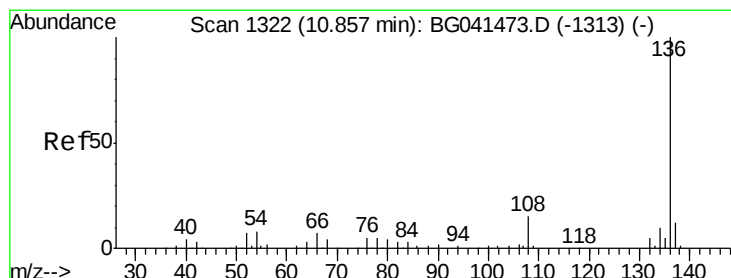
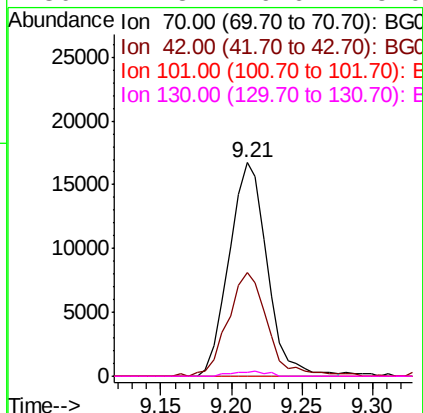
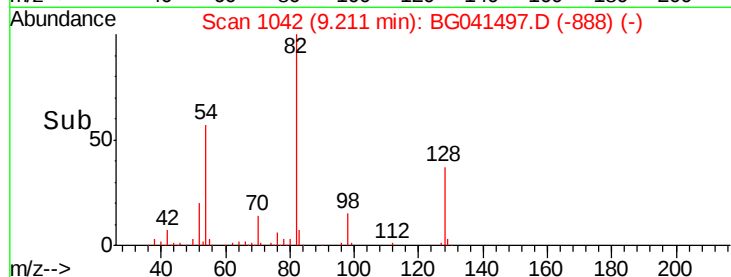
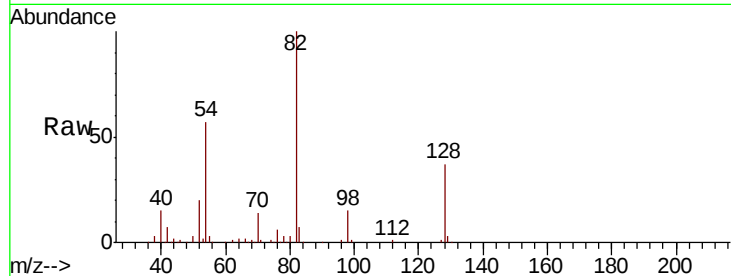




#19
n-Nitroso-di-n-propylamine
Concen: 19.009 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

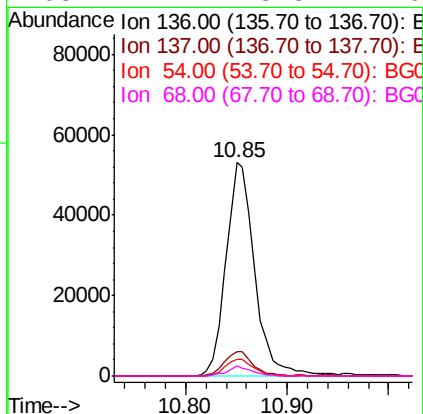
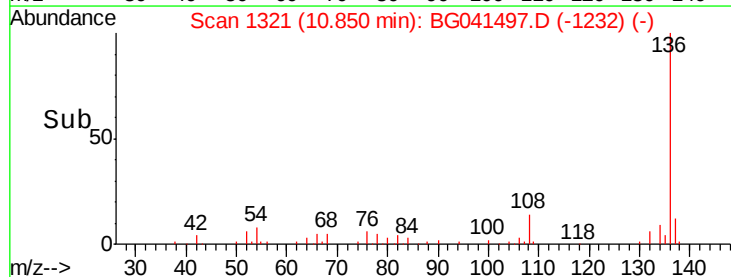
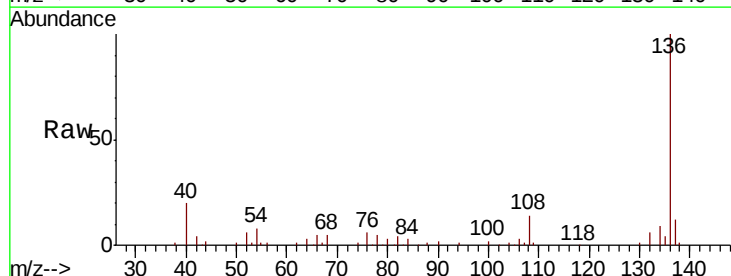
Instrument :
BNA_G
ClientSampleId :
M-4

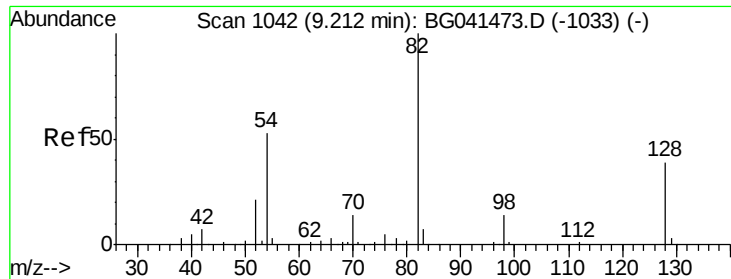
Tgt Ion: 70 Resp: 31357
Ion Ratio Lower Upper
70 100
42 48.3 52.6 78.8#
101 0.0 8.6 13.0#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

Tgt Ion: 136 Resp: 103985
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 7.6 7.1 10.7
68 4.7 3.3 4.9

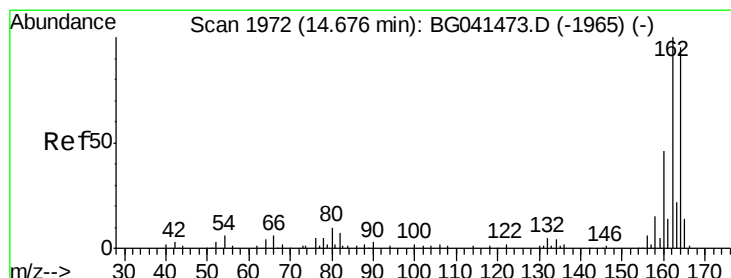
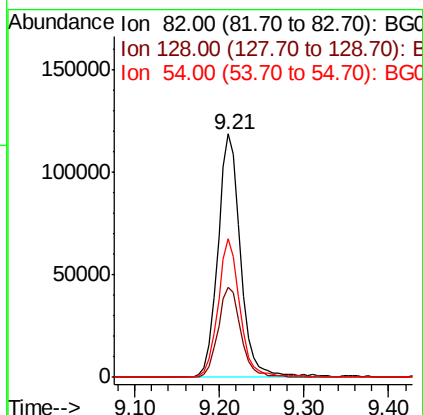
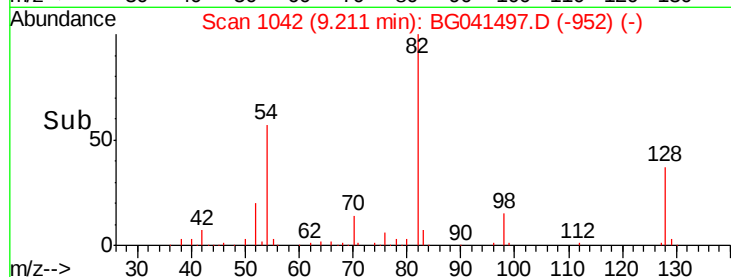
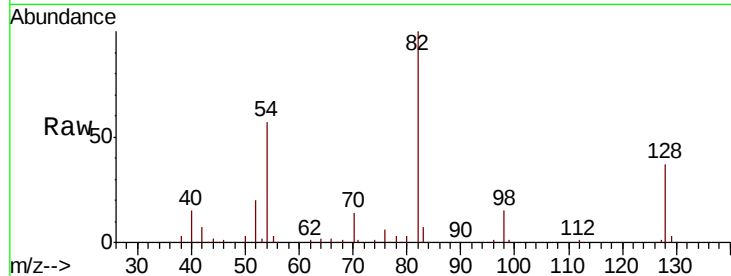




#23
 Nitrobenzene-d5
 Concen: 89.204 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041497.D
 Acq: 27 Jun 2019 20:51

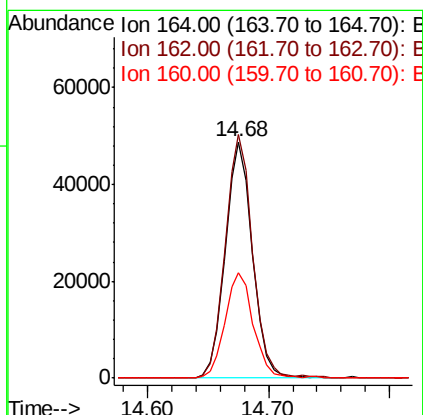
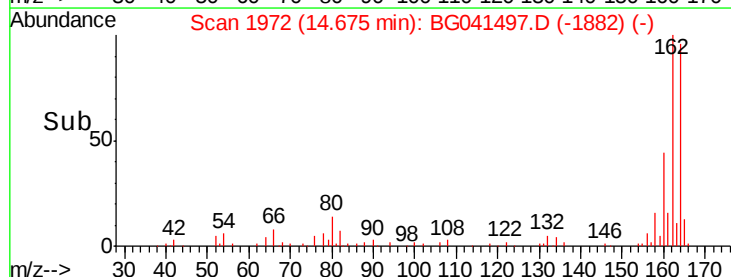
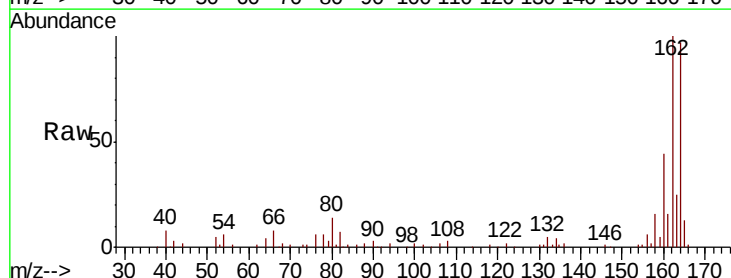
Instrument :
 BNA_G
 ClientSampleId :
 M-4

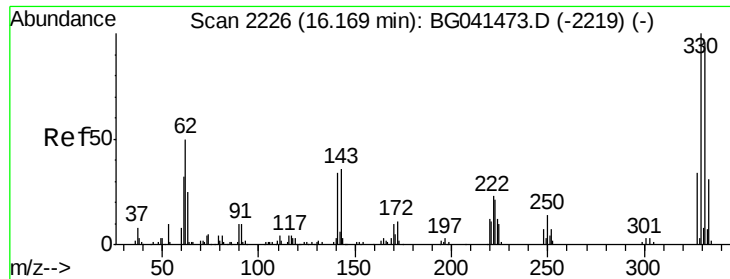
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.9	46.3
54	56.7	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041497.D
 Acq: 27 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.4	126.6
160	44.8	38.8	58.2

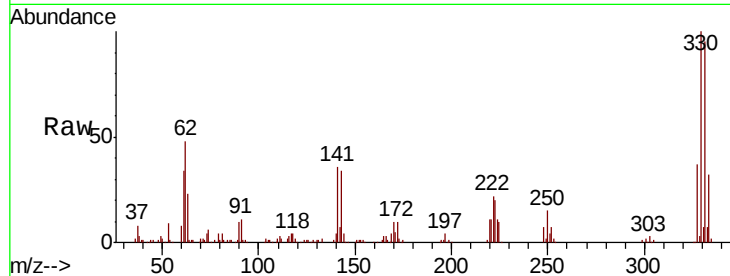




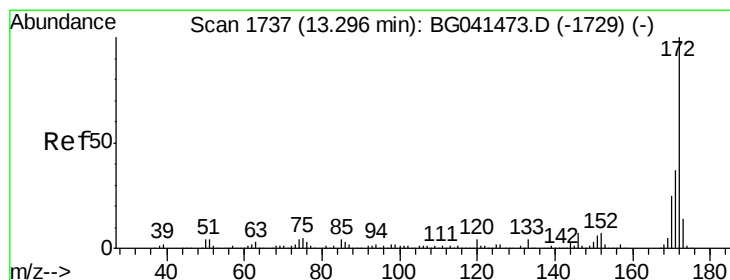
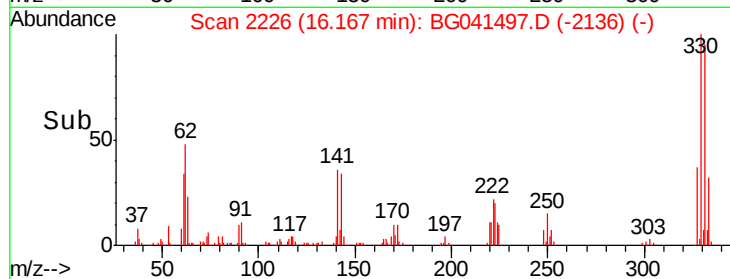
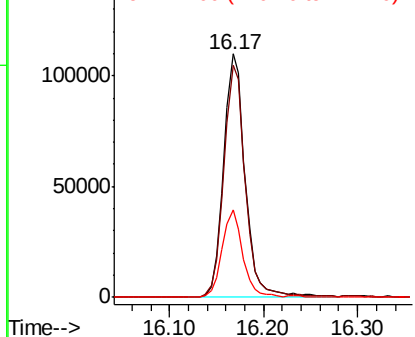
#42
 2,4,6-Tribromophenol
 Concen: 135.933 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041497.D
 Acq: 27 Jun 2019 20:51

Instrument :
 BNA_G
 ClientSampled :
 M-4

Tgt Ion:330 Resp: 175922
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.5 113.3
 141 34.4 27.8 41.6

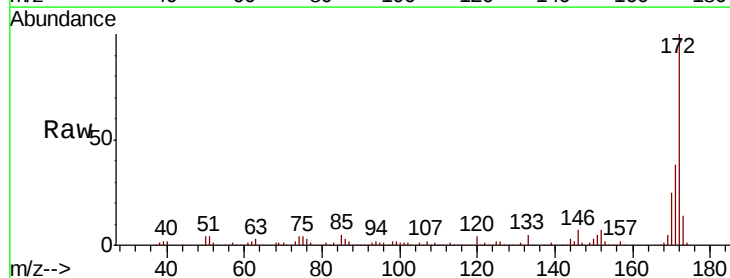


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

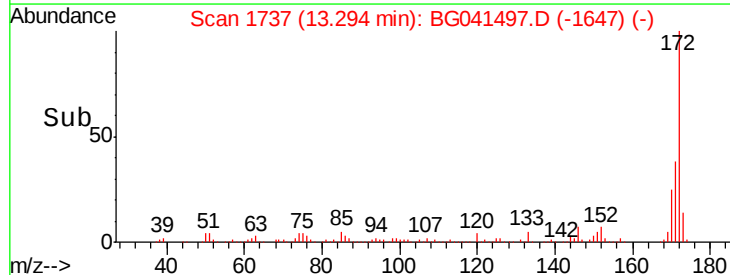
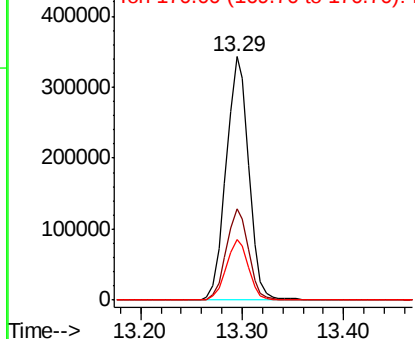


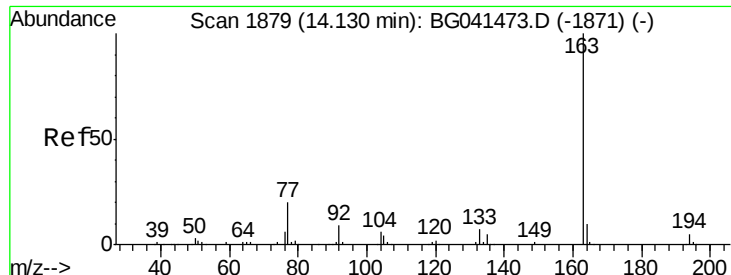
#45
 2-Fluorobiphenyl
 Concen: 90.032 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041497.D
 Acq: 27 Jun 2019 20:51

Tgt Ion:172 Resp: 531781
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.8 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





#50

Dimethylphthalate

Concen: 13.021 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

Instrument :

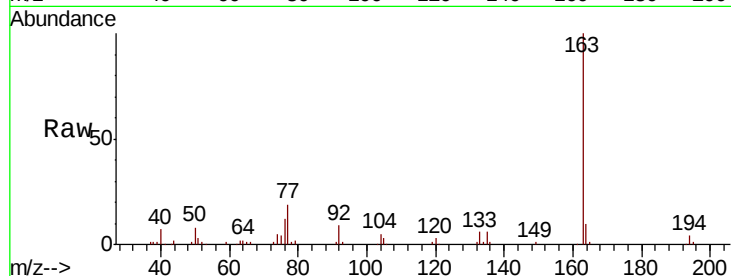
BNA_G

ClientSampleId :

M-4

Tgt Ion:163 Resp: 89817

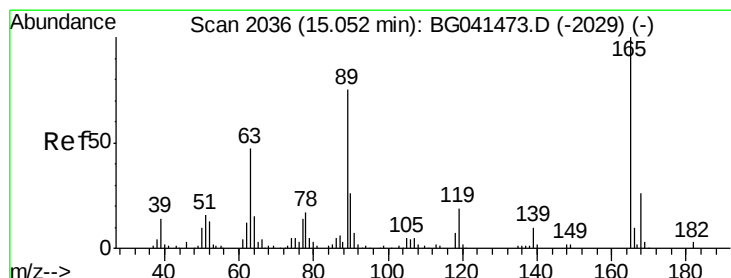
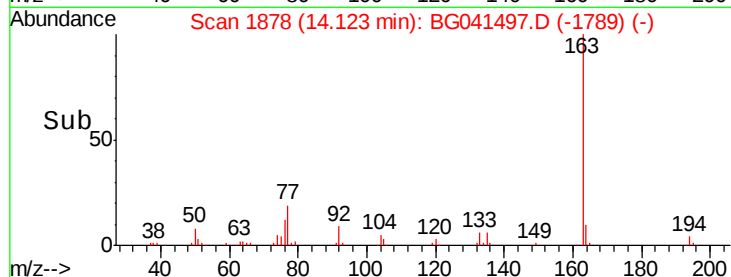
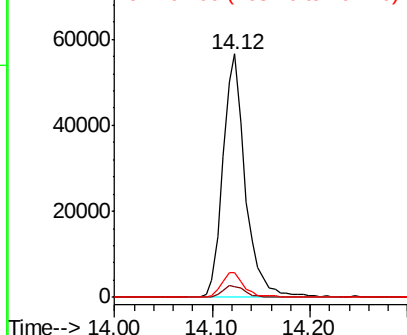
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.1	7.8	11.6



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: 4.840 ng

RT: 14.68 min Scan# 1972

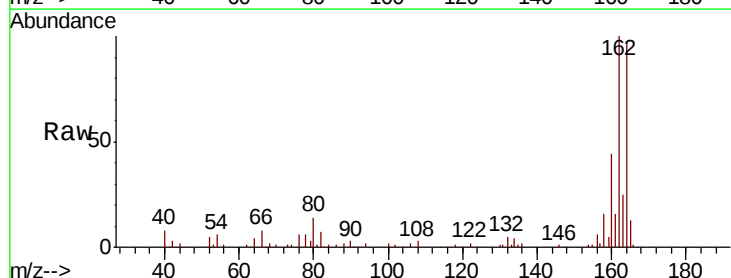
Delta R.T. -0.38 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

Tgt Ion:165 Resp: 10278

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#

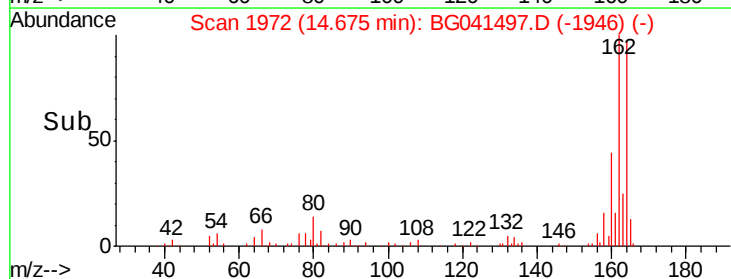
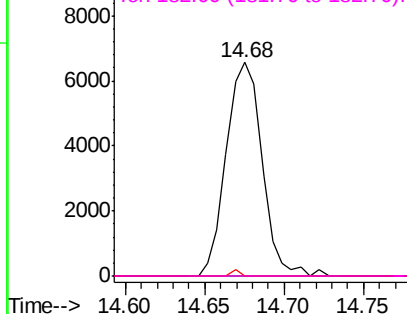


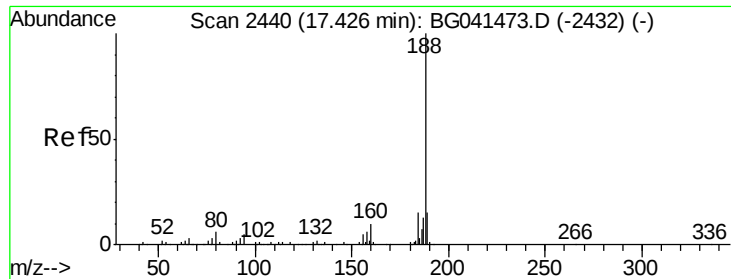
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG041497.D

Acq: 27 Jun 2019 20:51

Instrument :

BNA_G

ClientSampleId :

M-4

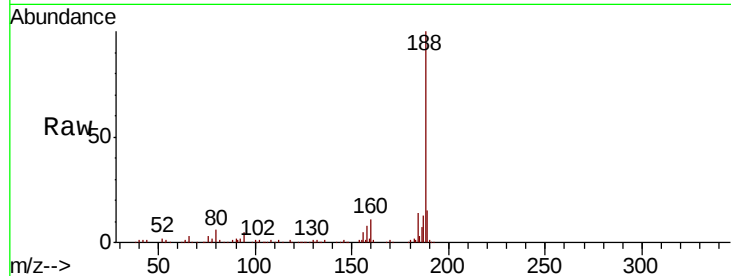
Tgt Ion:188 Resp: 198694

Ion Ratio Lower Upper

188 100

94 4.9 3.8 5.8

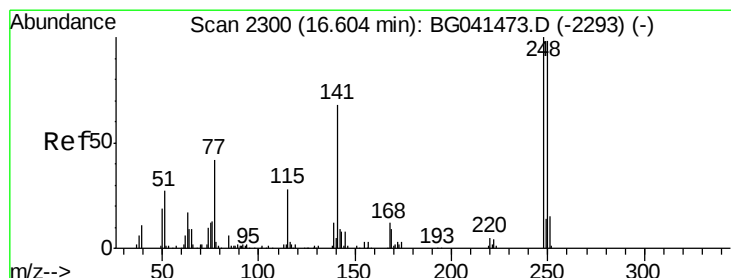
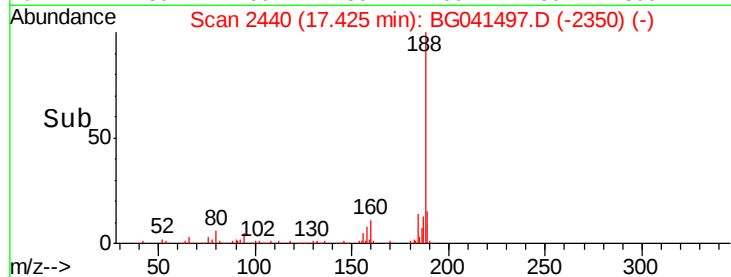
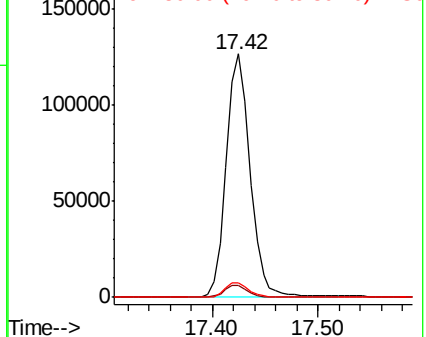
80 5.8 4.8 7.2



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: 4.616 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

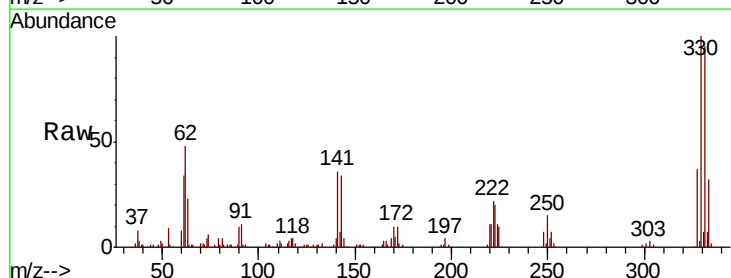
Tgt Ion:248 Resp: 12534

Ion Ratio Lower Upper

248 100

250 218.8 78.1 117.1#

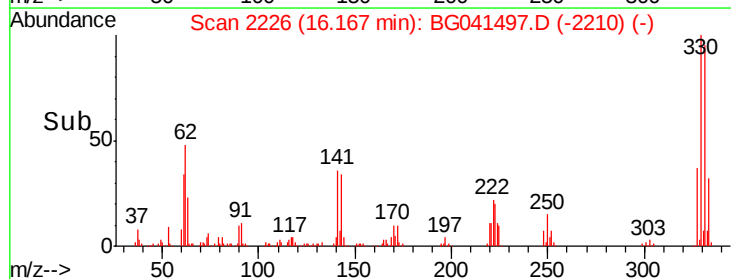
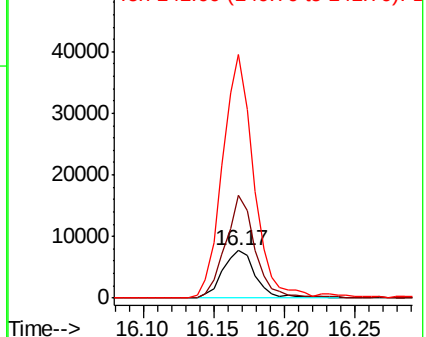
141 515.1 54.1 81.1#

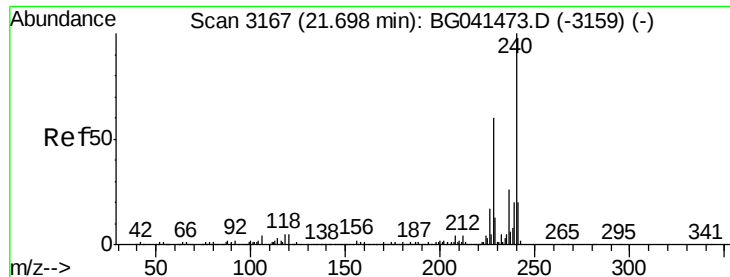


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

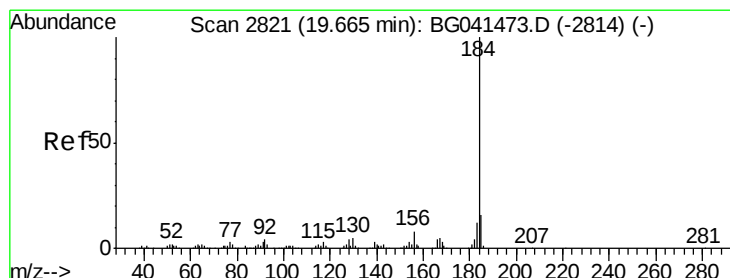
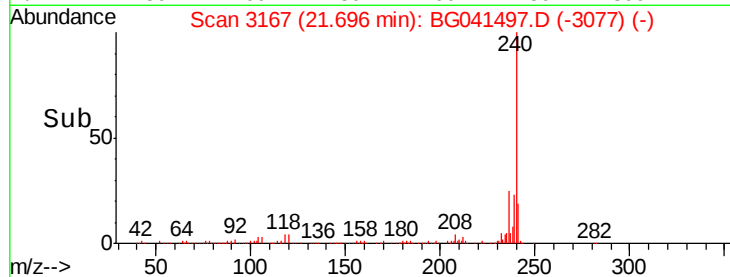
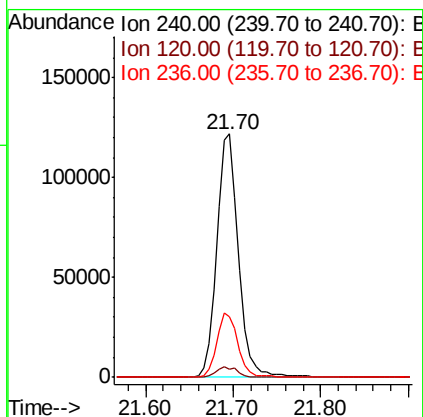
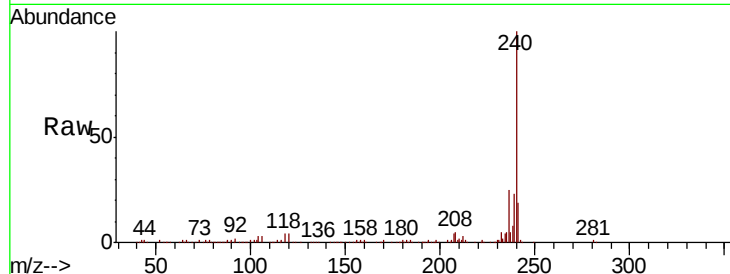




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

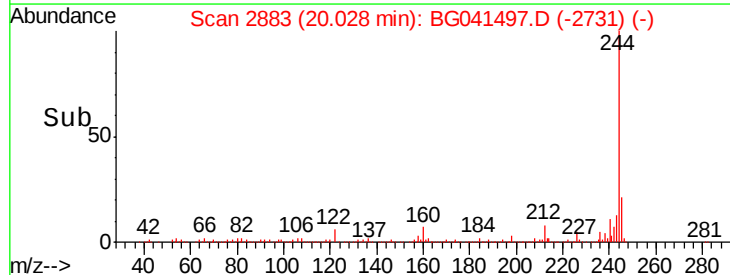
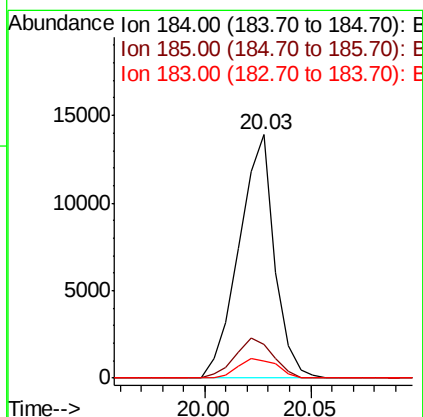
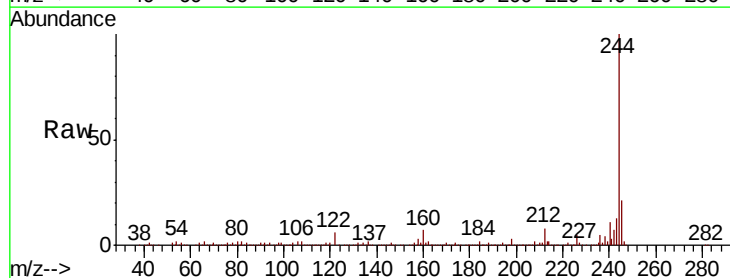
Instrument :
BNA_G
ClientSampleId :
M-4

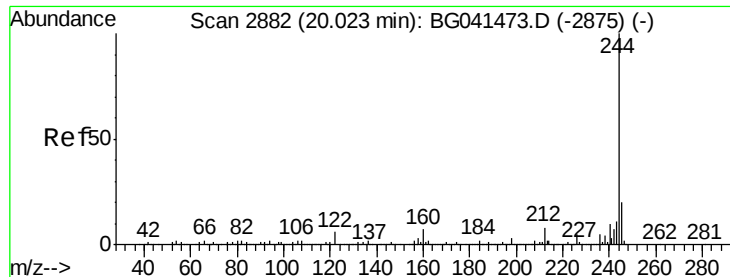
Tgt Ion:240 Resp: 208392
Ion Ratio Lower Upper
240 100
120 3.5 3.7 5.5#
236 25.0 20.8 31.2



#77
Benzidine
Concen: 3.500 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

Tgt Ion:184 Resp: 16181
Ion Ratio Lower Upper
184 100
185 14.0 12.7 19.1
183 6.9 9.4 14.2#





#79

Terphenyl-d14

Concen: 99.359 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

Instrument :

BNA_G

ClientSampleId :

M-4

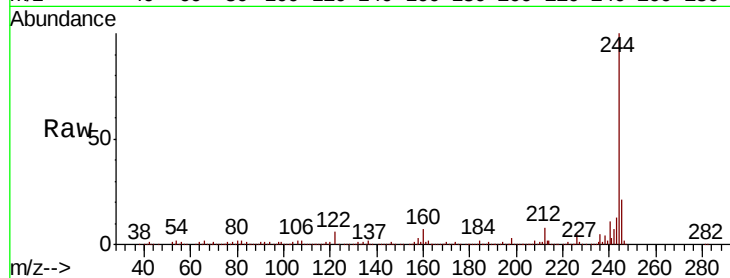
Tgt Ion:244 Resp: 974341

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

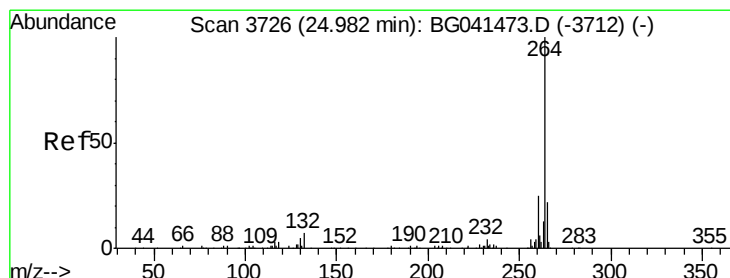
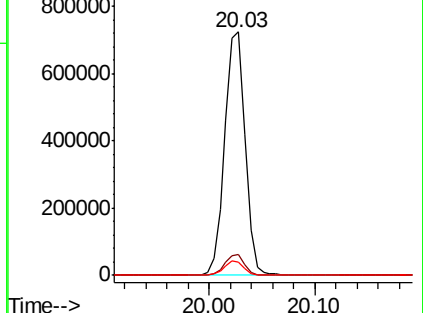
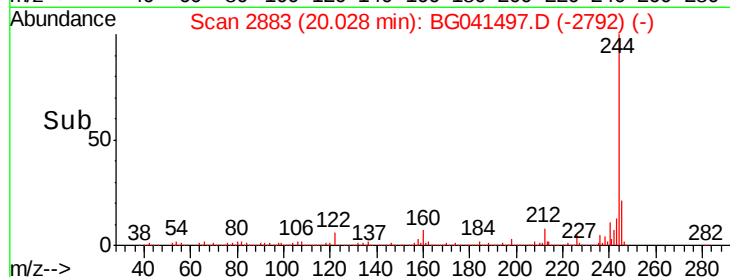
122 5.6 4.8 7.2



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG041497.D

Acq: 27 Jun 2019 20:51

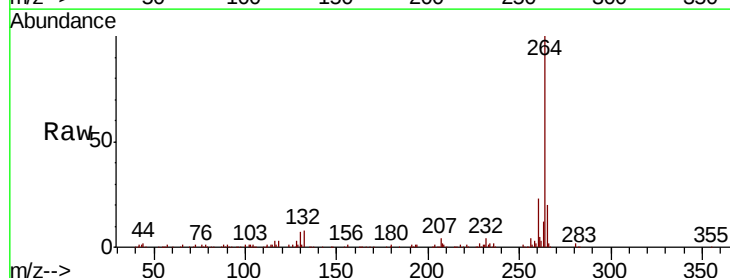
Tgt Ion:264 Resp: 218507

Ion Ratio Lower Upper

264 100

260 22.7 19.7 29.5

265 20.4 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

