

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 07:09:53 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

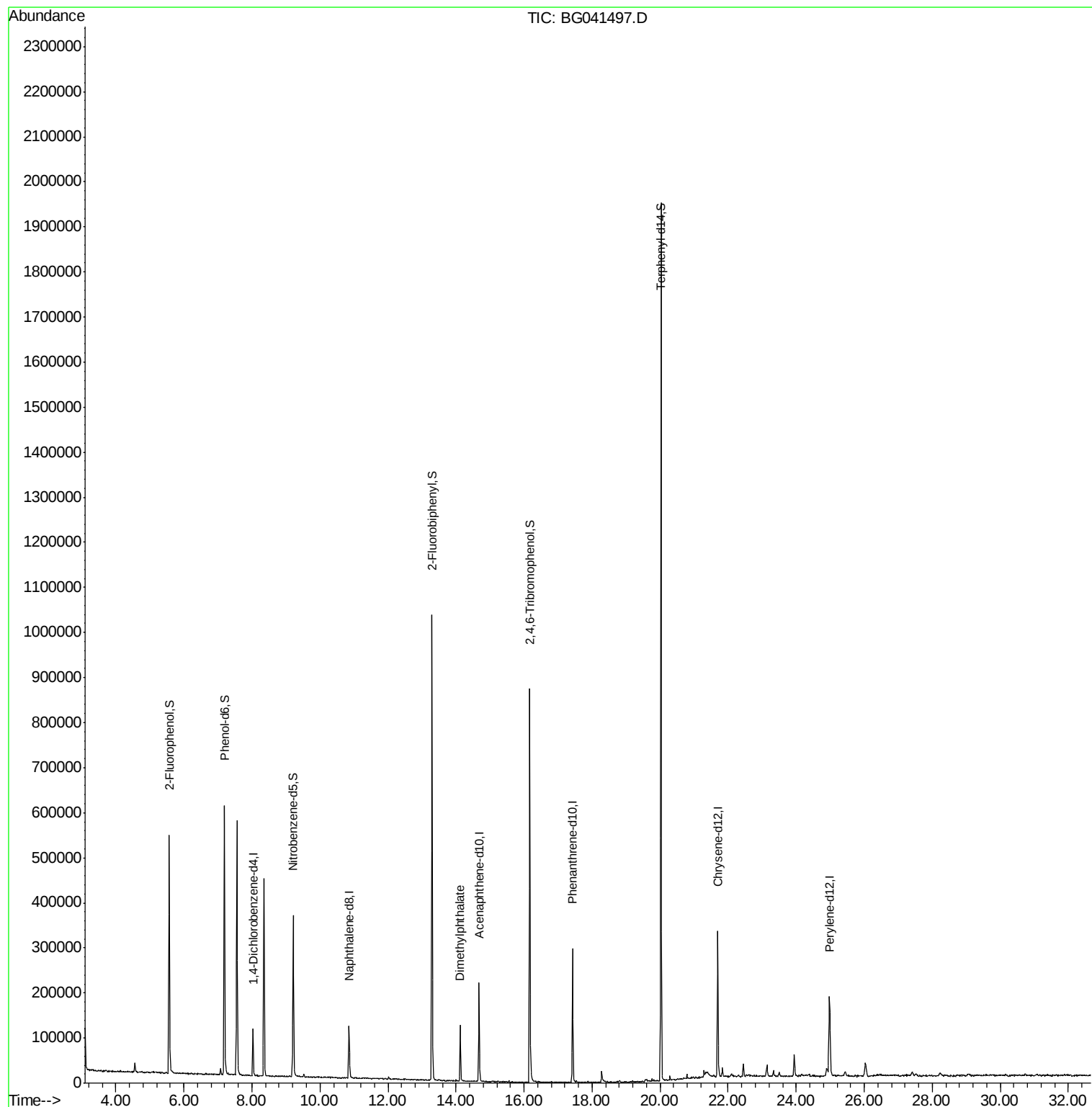
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28008	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	103985	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	75797	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	198694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	208392	20.00	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						
50) Dimethylphthalate	14.12	163	89817	13.021	ng	Qvalue 99

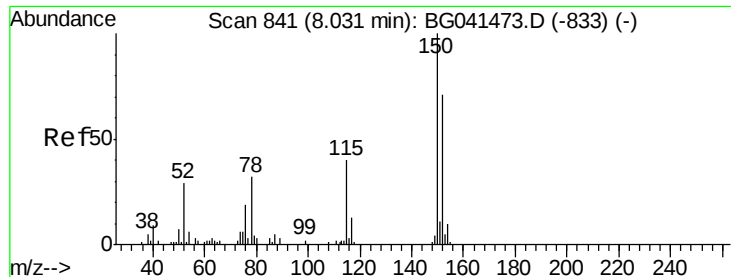
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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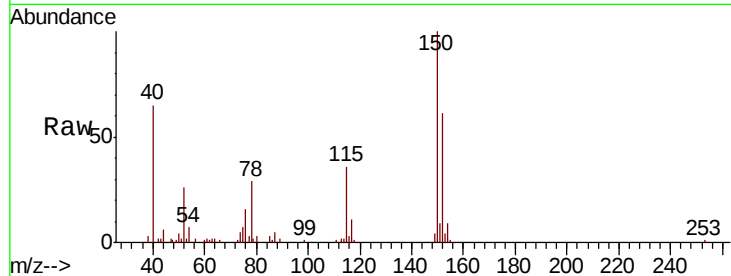


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	112.4	168.6
115	59.2	44.6	66.8

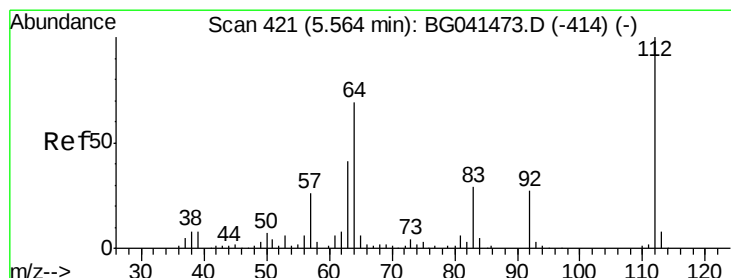
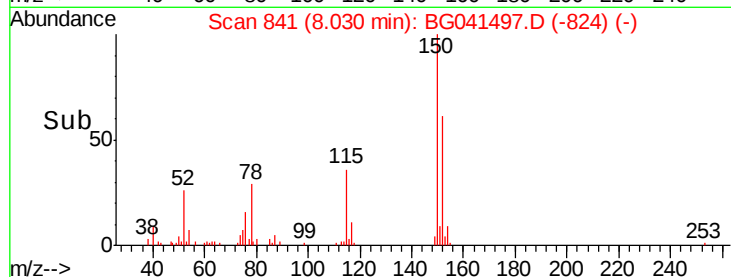
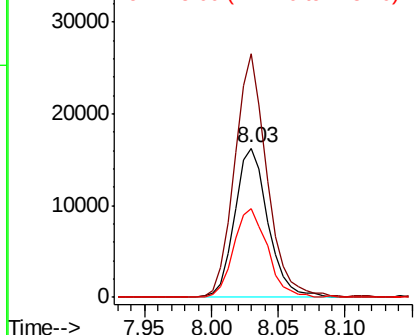


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

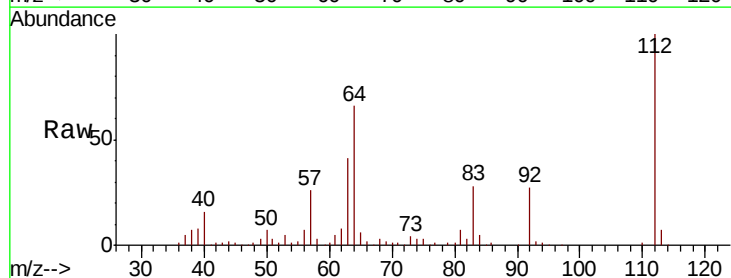
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	65.7	55.1	82.7
63	41.4	32.4	48.6

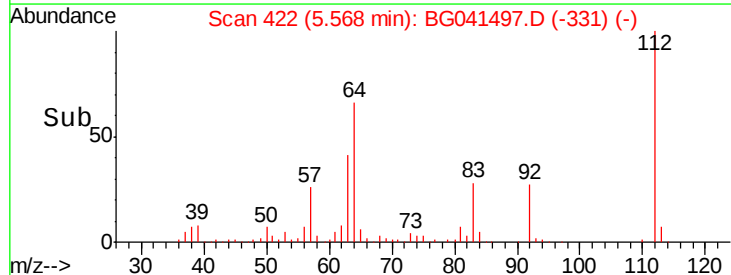
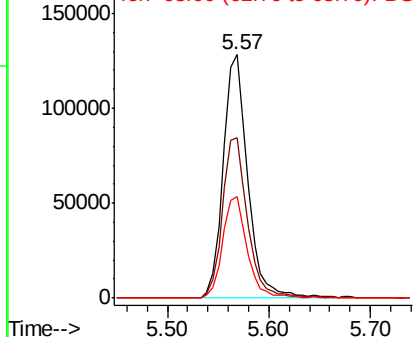


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

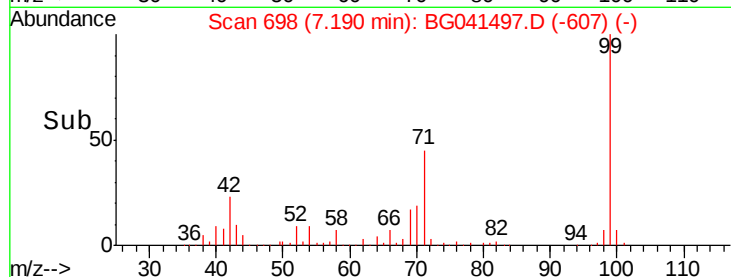
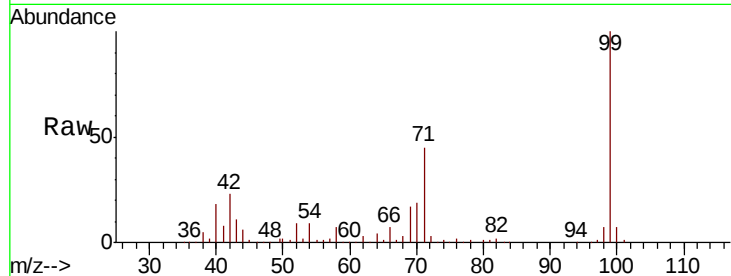
Tot Ion: 99 Resp: 317699

Ion Ratio Lower Upper

99 100

42 23.1 19.0 28.6

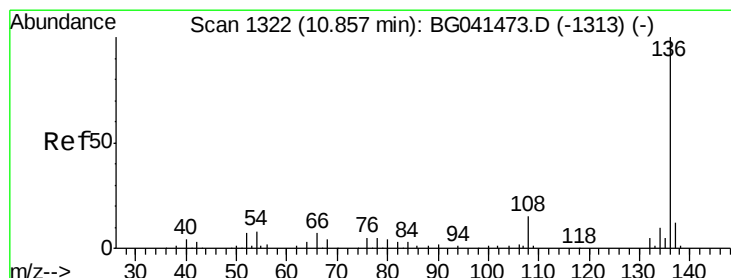
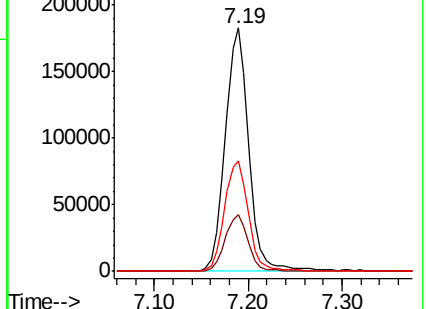
71 45.3 37.4 56.2



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



#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

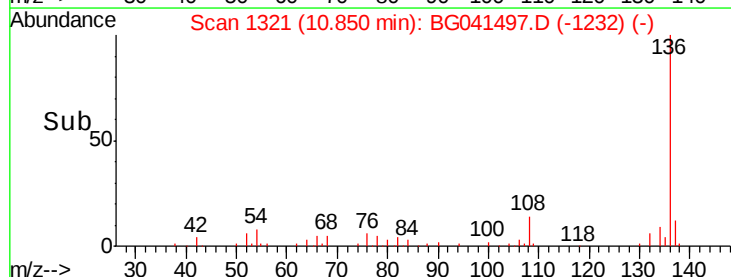
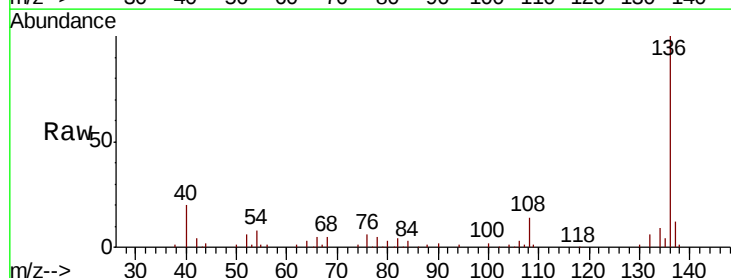
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.6 7.1 10.7

68 4.7 3.3 4.9

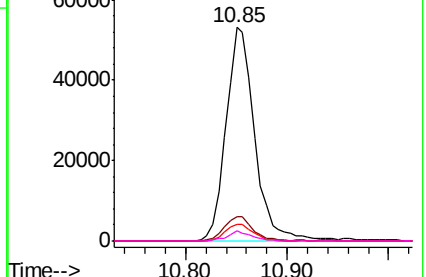


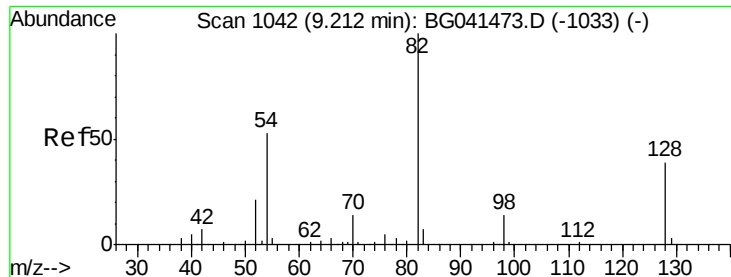
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

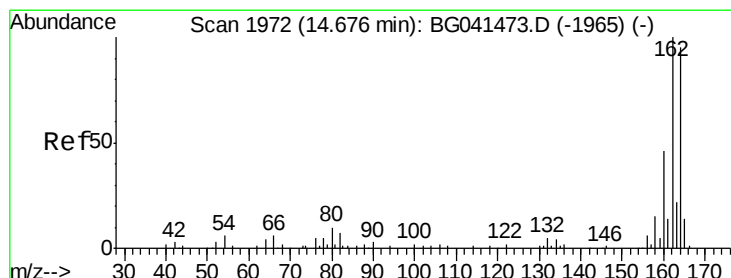
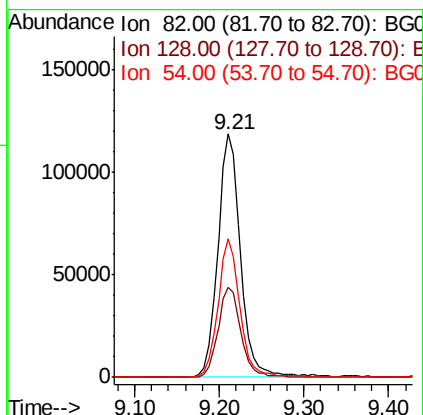
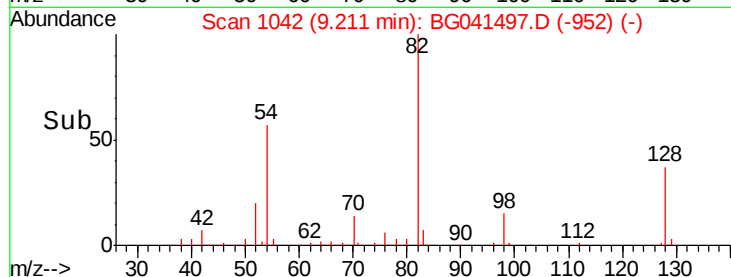
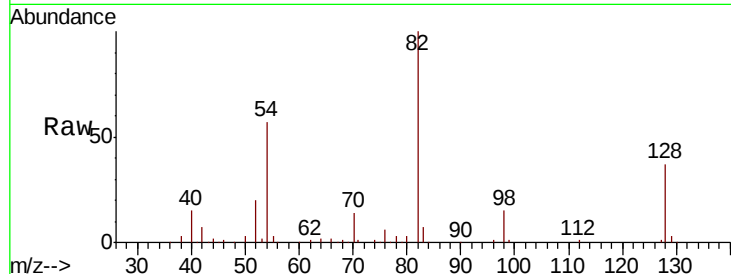




#23
Nitrobenzene-d5
Concen: 89.204 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

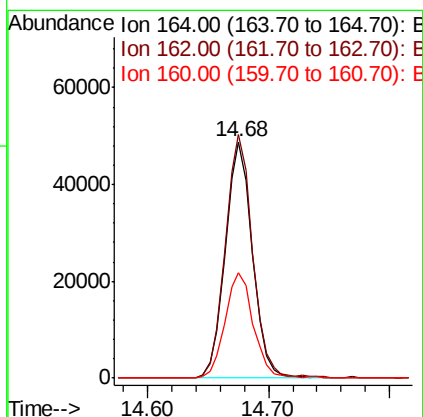
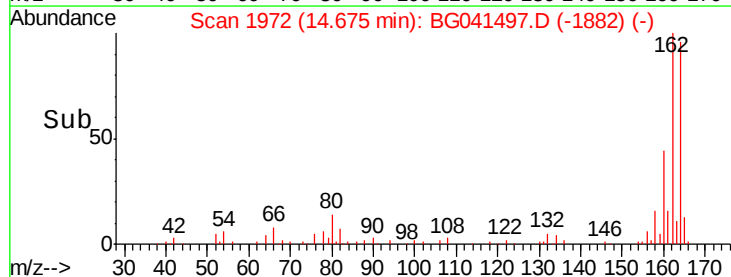
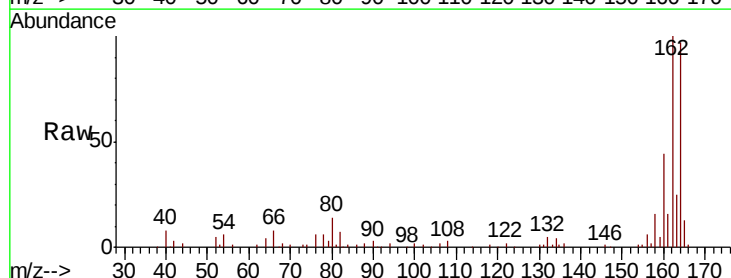
Instrument :
BNA_G
ClientSampleId :
M-4

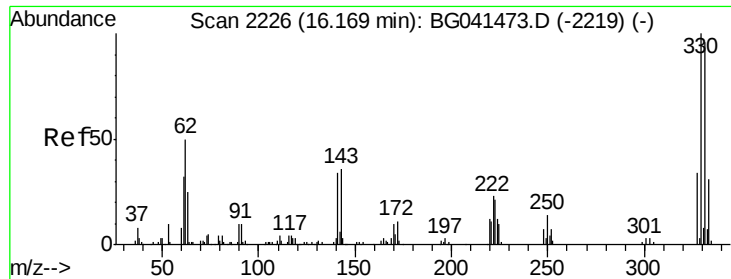
Tot Ion: 82 Resp: 222405
Ion Ratio Lower Upper
82 100
128 36.8 30.9 46.3
54 56.7 42.2 63.2



#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: 164 Resp: 75797
Ion Ratio Lower Upper
164 100
162 103.0 84.4 126.6
160 44.8 38.8 58.2

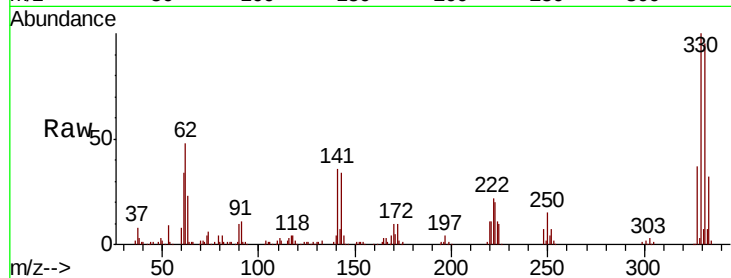




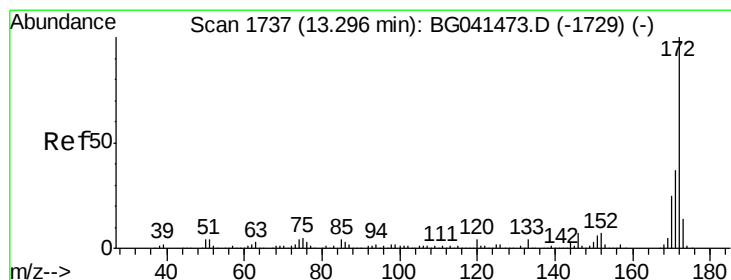
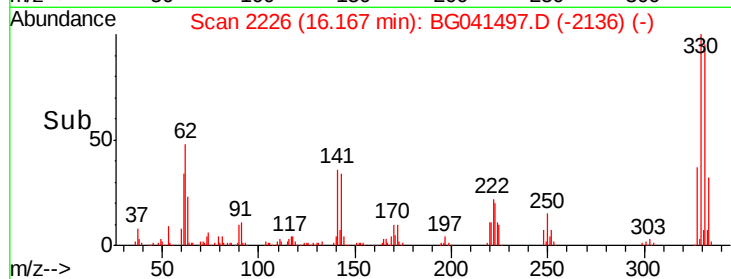
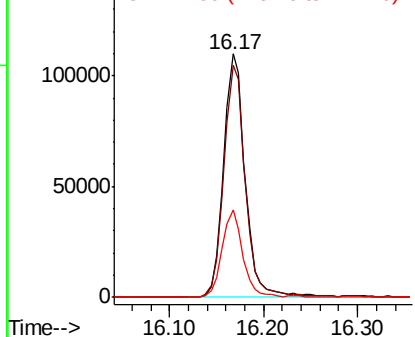
#42
 2,4,6-Tribromophenol
 Concen: 135.933 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041497.D
 Acq: 27 Jun 2019 20:51

Instrument :
 BNA_G
 ClientSampled :
 M-4

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

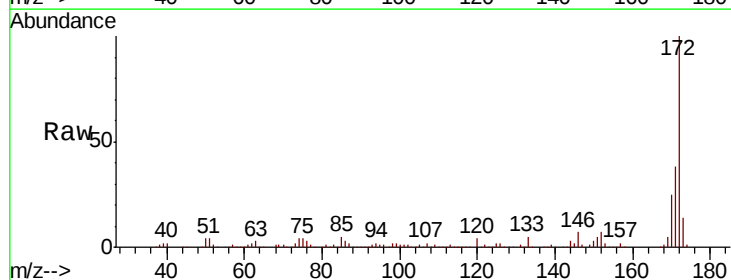


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

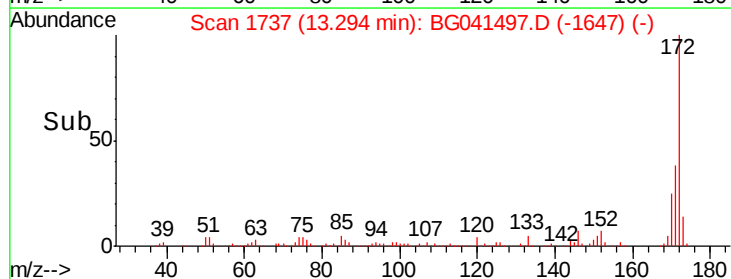
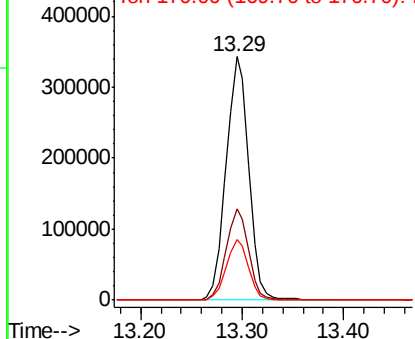


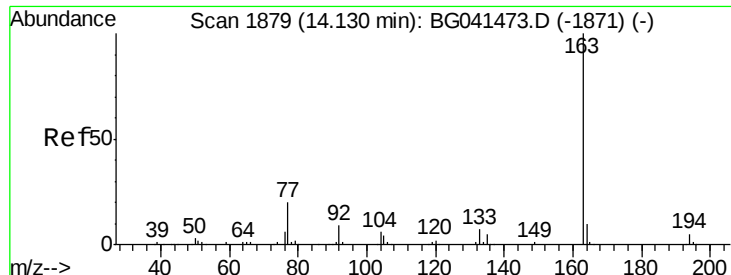
#45
 2-Fluorobiphenyl
 Concen: 90.032 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041497.D
 Acq: 27 Jun 2019 20:51

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

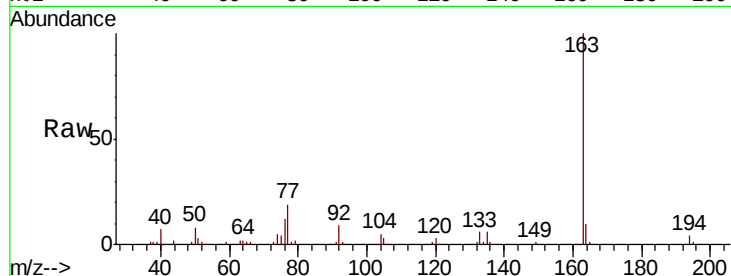




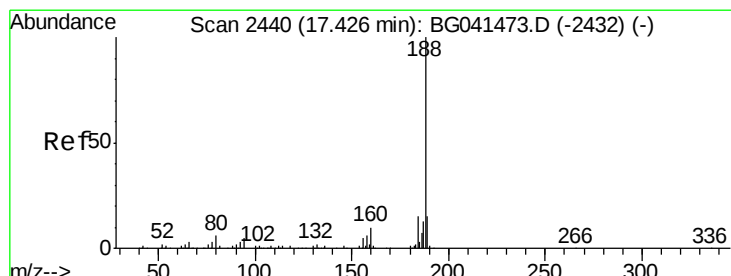
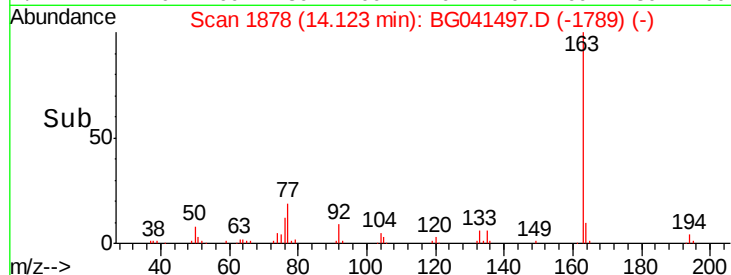
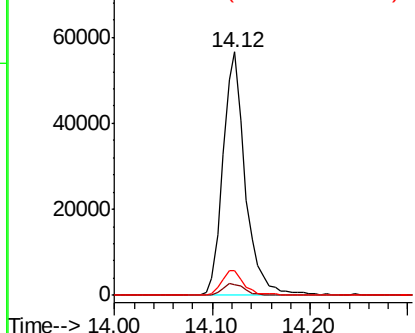
#50
Dimethylphthalate
Concen: 13.021 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

Instrument :
BNA_G
ClientSampleId :
M-4

Tot Ion:163 Resp: 89817
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.1 7.8 11.6

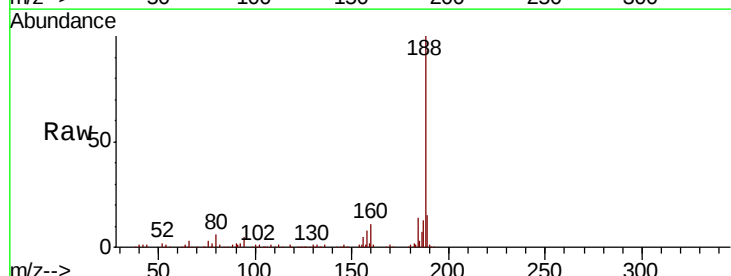


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

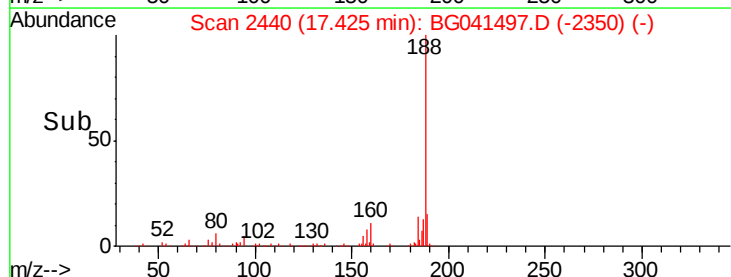
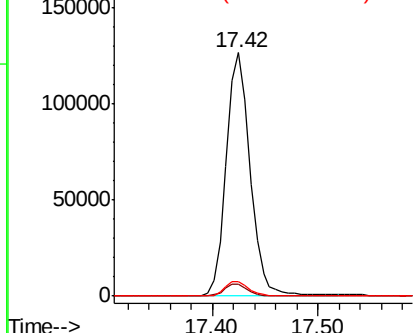


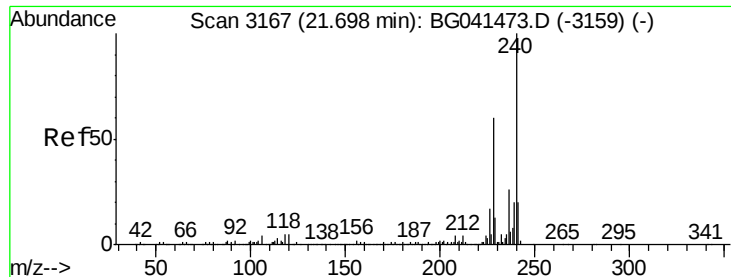
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041497.D
Acq: 27 Jun 2019 20:51

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





#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

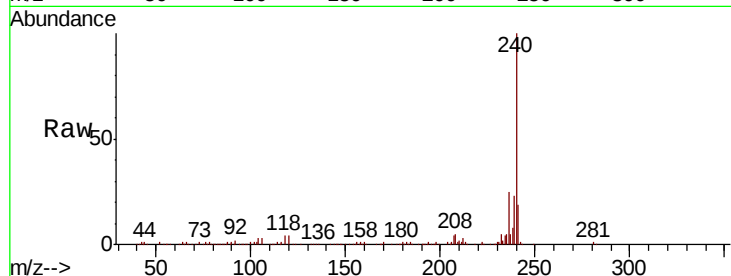
Tot Ion:240 Resp: 208392

Ion Ratio Lower Upper

240 100

120 3.5 3.7 5.5#

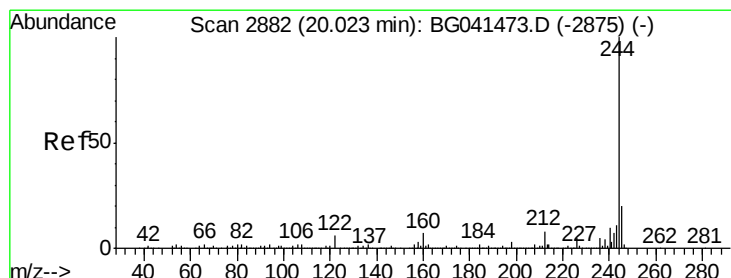
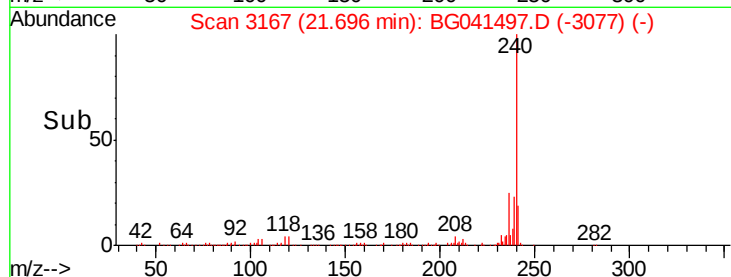
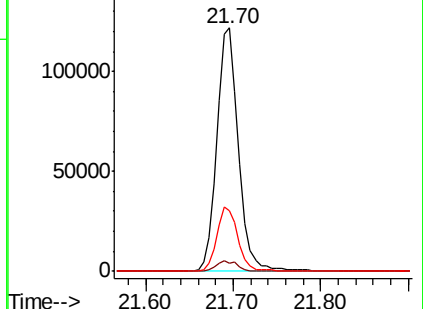
236 25.0 20.8 31.2



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: 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

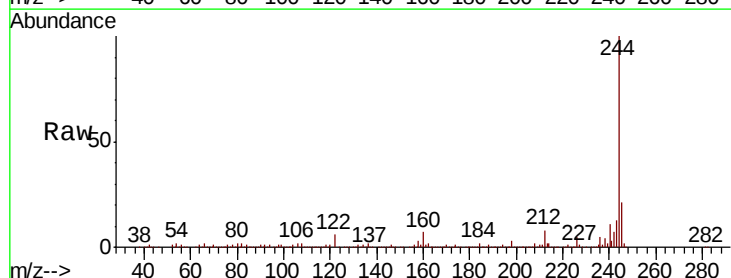
Tgt Ion:244 Resp: 974341

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

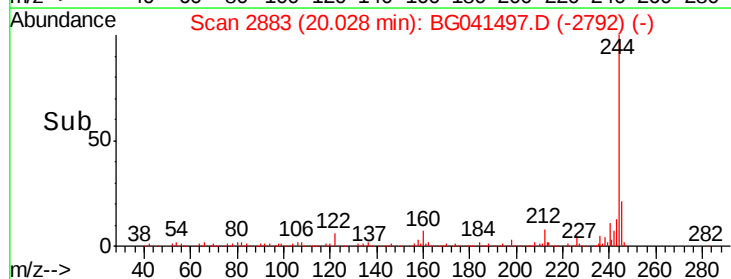
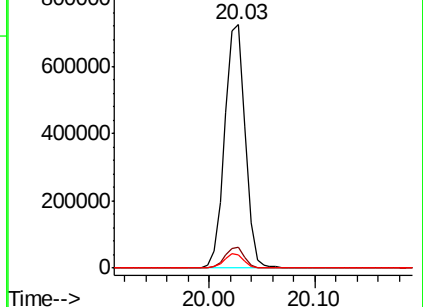
122 5.6 4.8 7.2

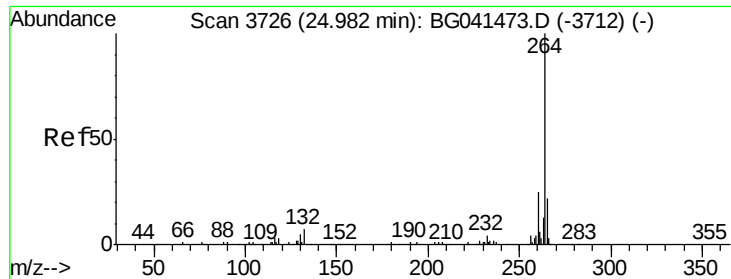


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-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

Instrument :
 BNA_G
 ClientSampleId :
 M-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.7	29.5
265	20.4	17.4	26.2

