

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042461.D
 Acq On : 24 Aug 2019 10:53
 Operator : HP/JU
 Sample : K4487-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PILE-082219

Quant Time: Aug 26 05:32:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

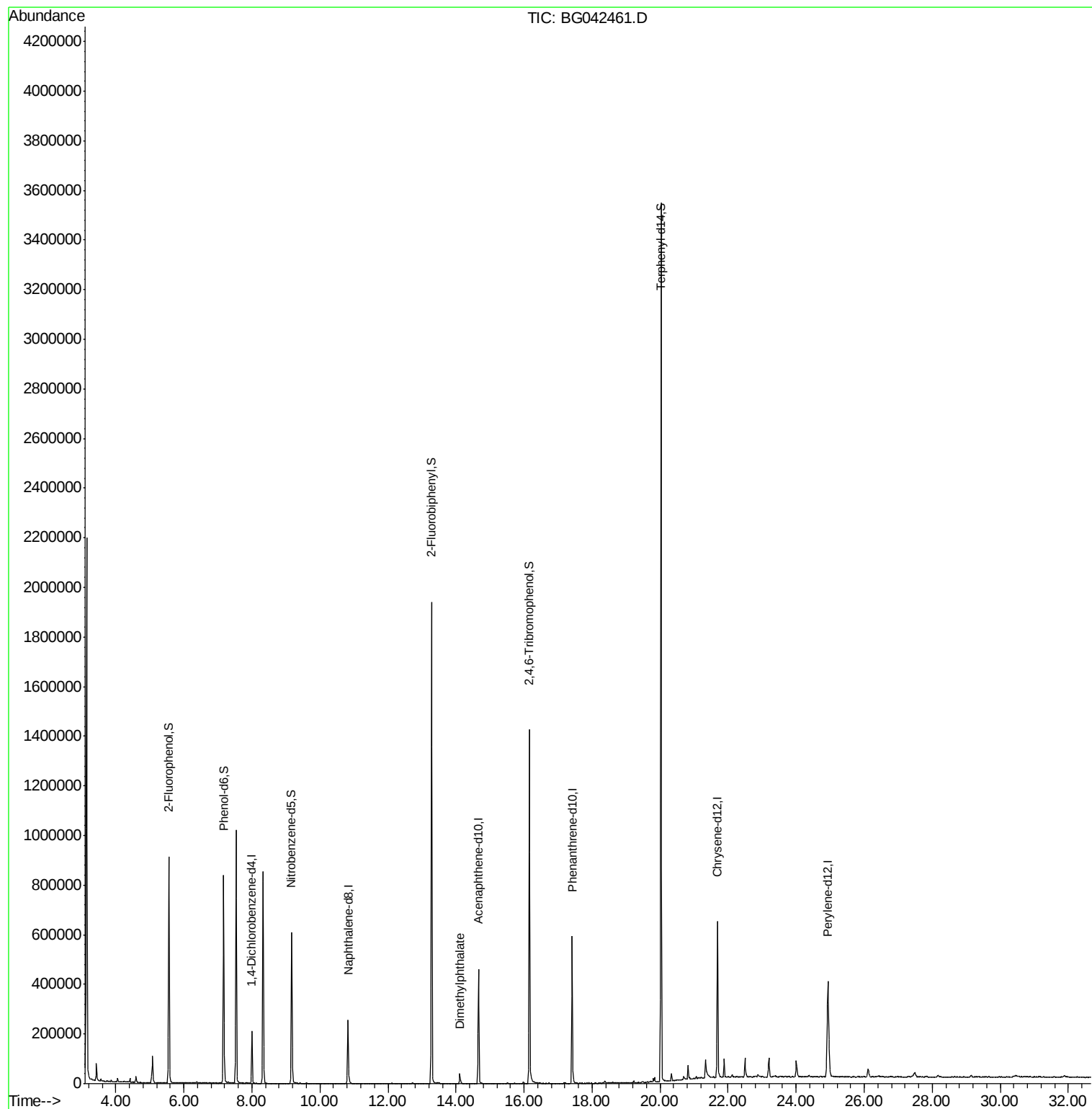
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	68441	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	270003	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	189775	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	408768	20.00	ng	0.00
76) Chrysene-d12	21.69	240	398781	20.00	ng	-0.01
87) Perylene-d12	24.93	264	460409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	458402	135.65	ng	0.00
7) Phenol-d6	7.17	99	569081	124.67	ng	0.00
23) Nitrobenzene-d5	9.17	82	408620	104.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	347201	128.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1140778	101.67	ng	0.00
79) Terphenyl-d14	20.03	244	1796618	97.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	45429	3.318	ng	Qvalue 98

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

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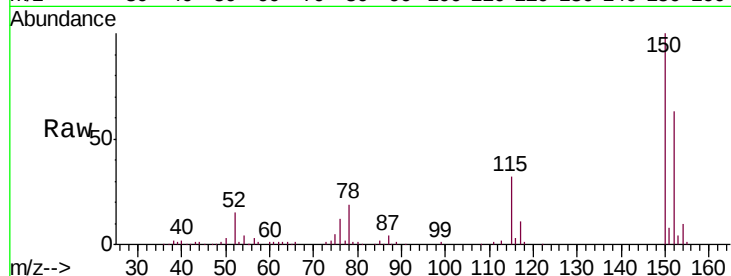


#1

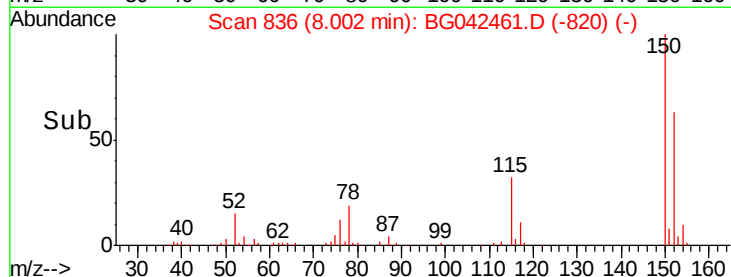
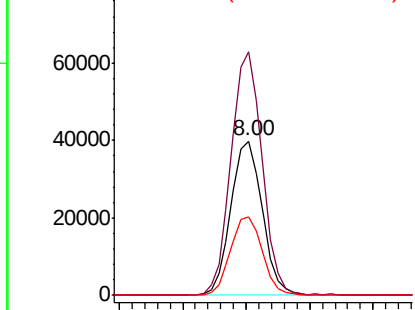
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :
WC-PILE-082219

Tot Ion:152 Resp: 68441
Ion Ratio Lower Upper
152 100
150 157.6 125.4 188.0
115 50.7 38.5 57.7



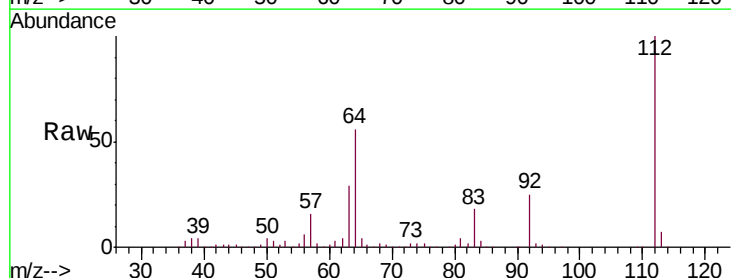
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



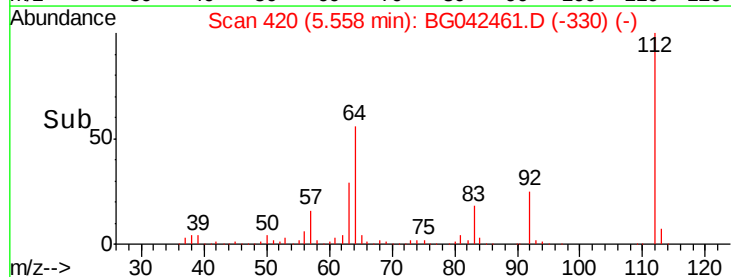
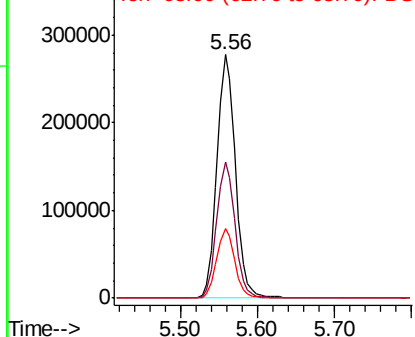
#5

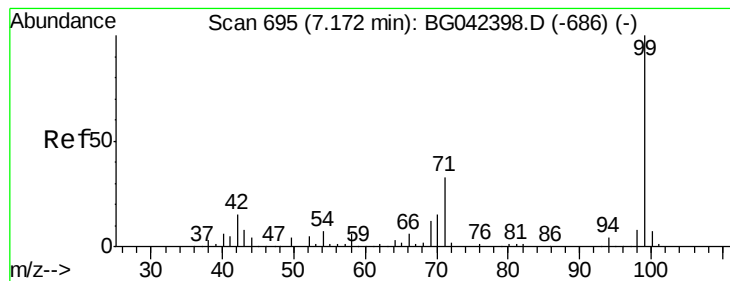
2-Fluorophenol
Concen: 135.649 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:112 Resp: 458402
Ion Ratio Lower Upper
112 100
64 55.8 42.8 64.2
63 28.8 22.7 34.1



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: 124.670 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042461.D

Acq: 24 Aug 2019 10:53

Instrument :

BNA_G

ClientSampleId :

WC-PILE-082219

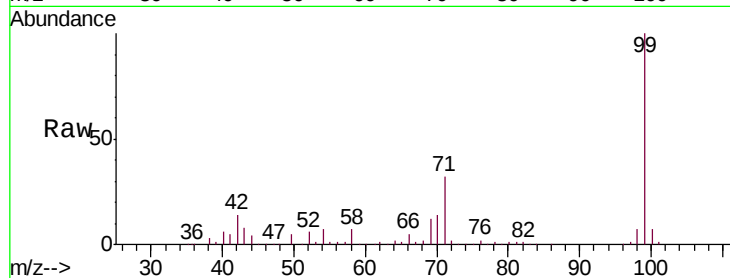
Tot Ion: 99 Resp: 569081

Ion Ratio Lower Upper

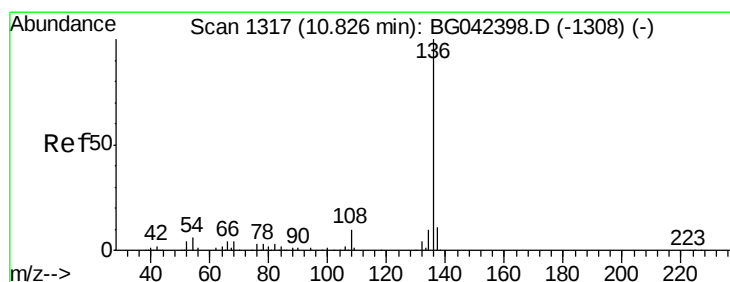
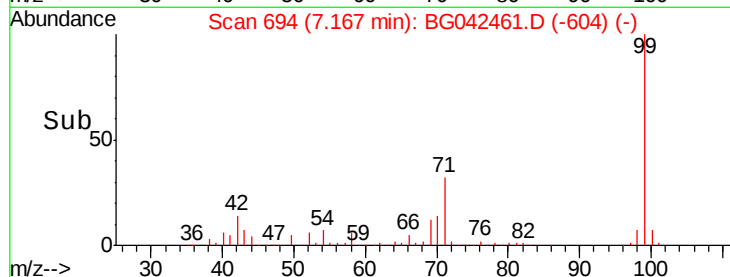
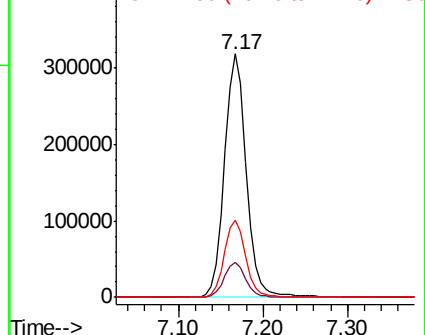
99 100

42 14.3 12.0 18.0

71 31.6 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042461.D

Acq: 24 Aug 2019 10:53

Tgt Ion: 136 Resp: 270003

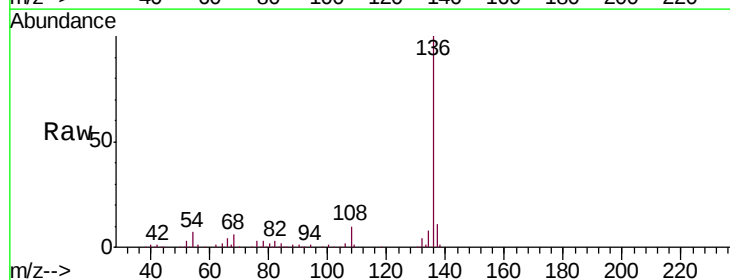
Ion Ratio Lower Upper

136 100

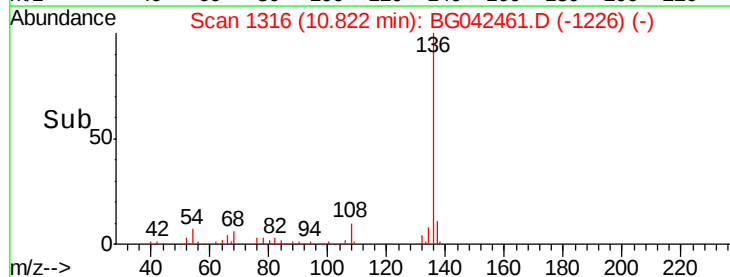
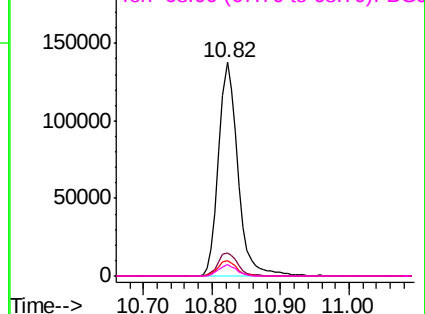
137 11.0 8.7 13.1

54 7.3 4.9 7.3

68 5.6 3.6 5.4#



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

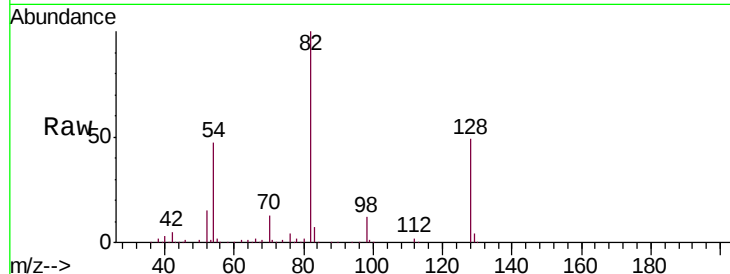




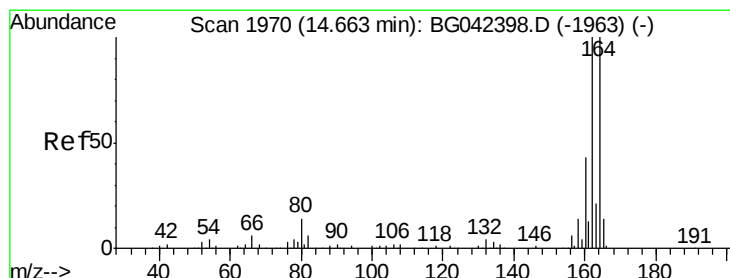
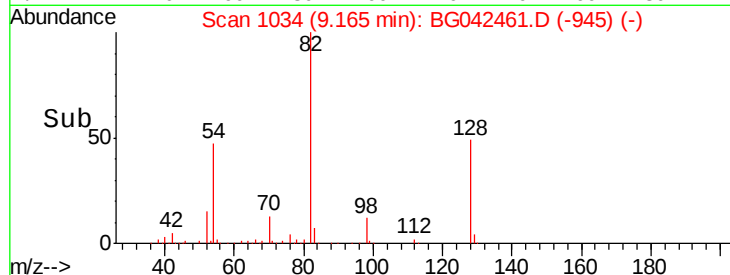
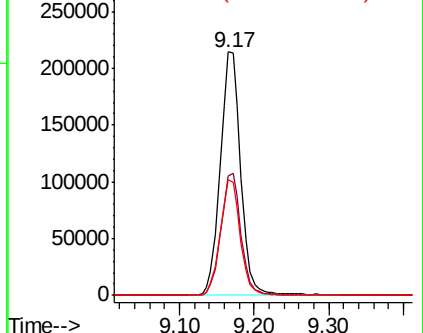
#23
Nitrobenzene-d5
Concen: 104.581 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :
WC-PILE-082219

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	47.4	36.3	54.5

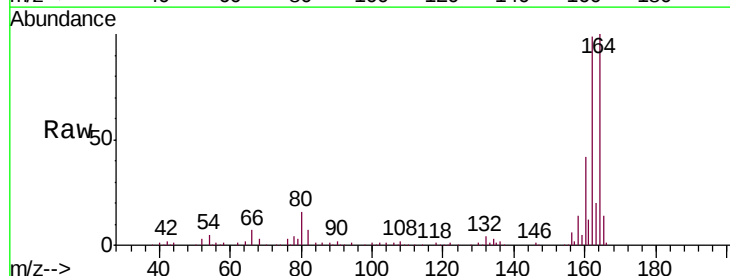


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

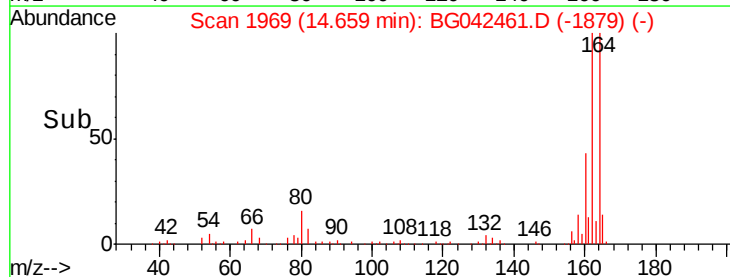
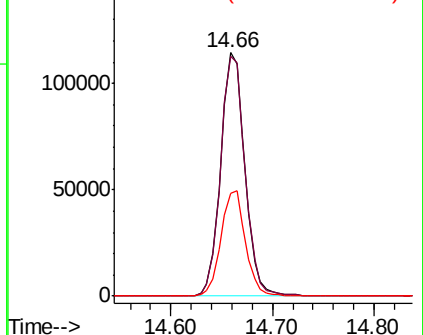


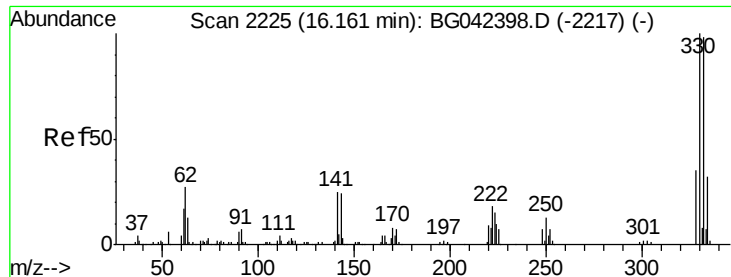
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.9	119.9
160	42.1	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 128.720 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042461.D

Acq: 24 Aug 2019 10:53

Instrument :

BNA_G

ClientSampleId :

WC-PILE-082219

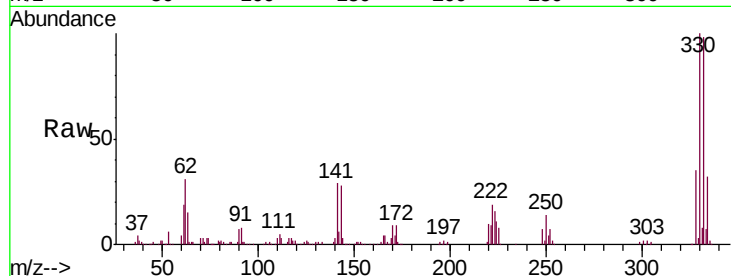
Tot Ion:330 Resp: 347201

Ion Ratio Lower Upper

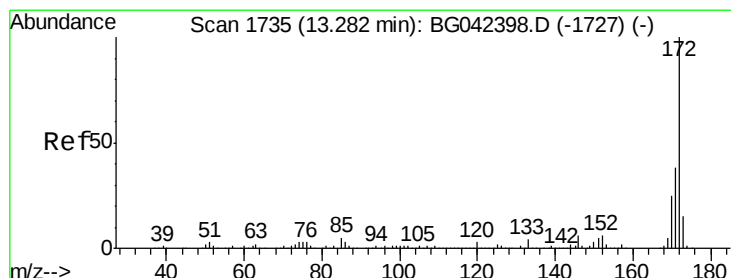
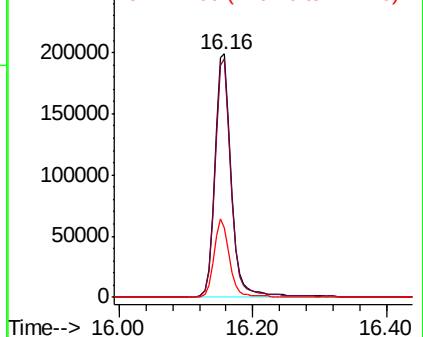
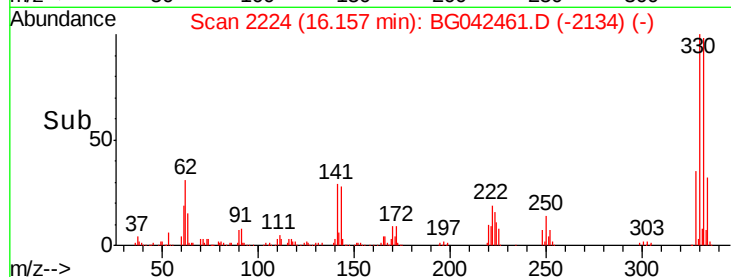
330 100

332 96.2 77.4 116.0

141 30.9 21.4 32.0



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: 101.667 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG042461.D

Acq: 24 Aug 2019 10:53

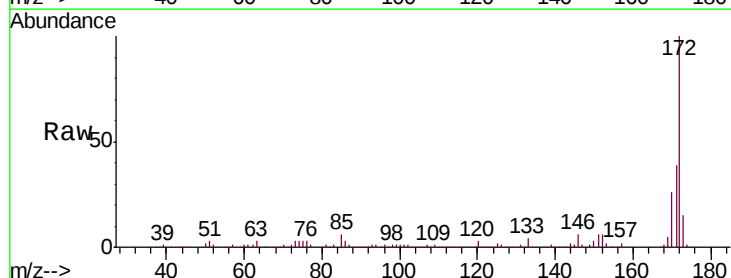
Tgt Ion:172 Resp: 1140778

Ion Ratio Lower Upper

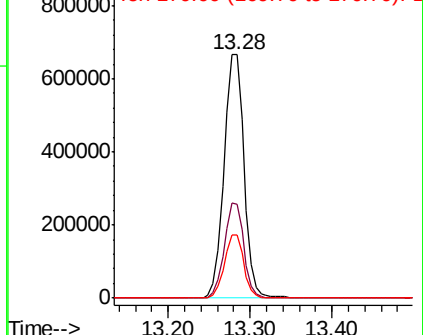
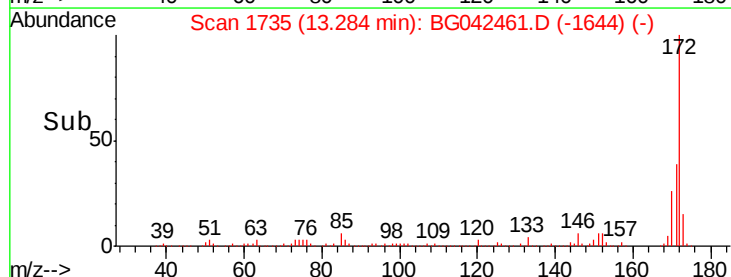
172 100

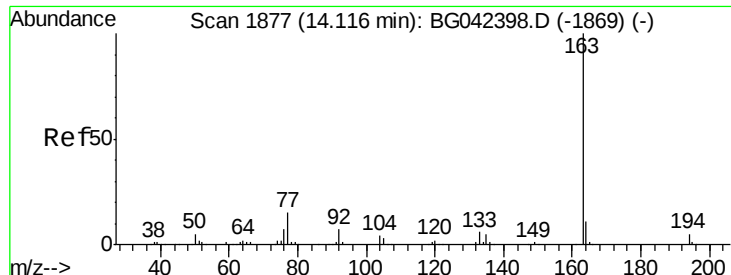
171 38.8 30.5 45.7

170 25.8 20.2 30.2



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

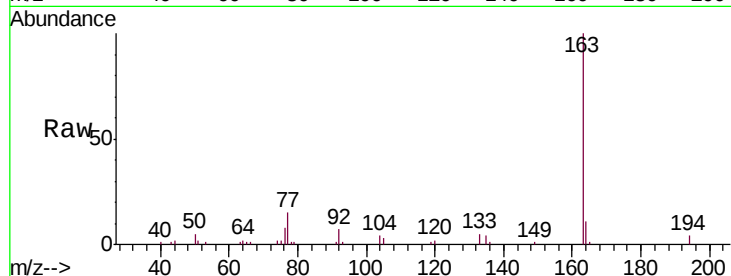




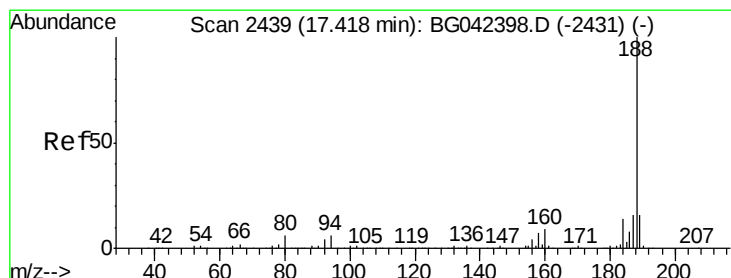
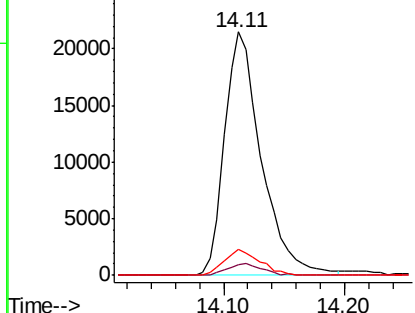
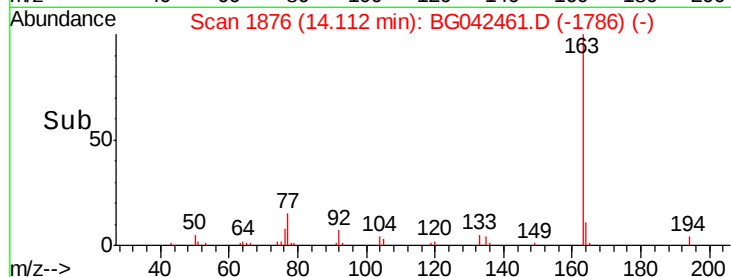
#50
Dimethylphthalate
Concen: 3.318 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :
WC-PILE-082219

Tot Ion:163 Resp: 45429
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.2
164 10.5 8.8 13.2

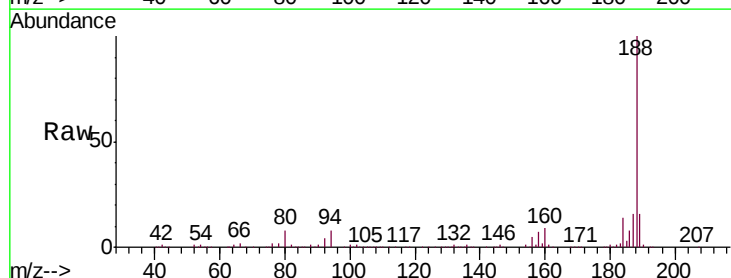


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

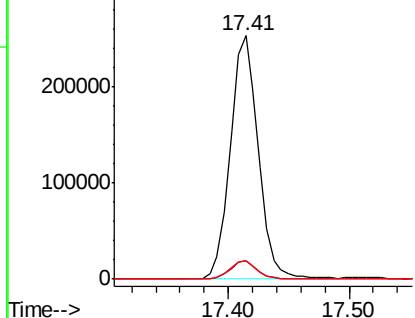
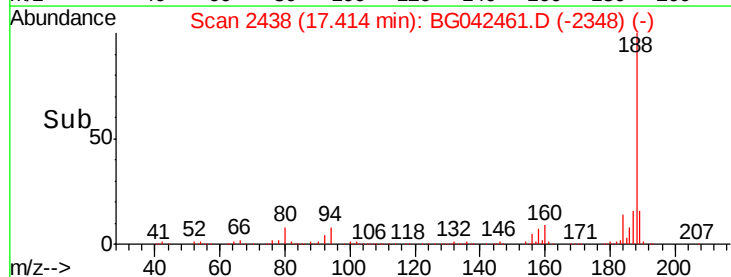


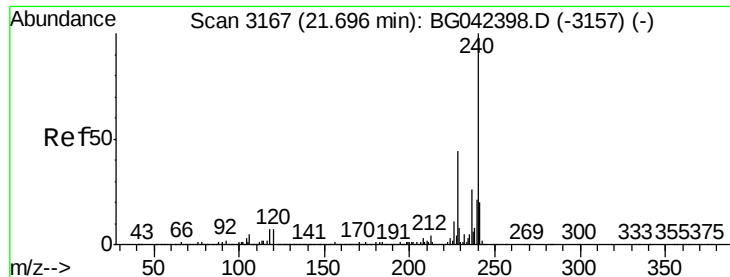
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Tgt Ion:188 Resp: 408768
Ion Ratio Lower Upper
188 100
94 7.6 4.5 6.7#
80 7.5 4.9 7.3#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042461.D

Acq: 24 Aug 2019 10:53

Instrument :

BNA_G

ClientSampleId :

WC-PILE-082219

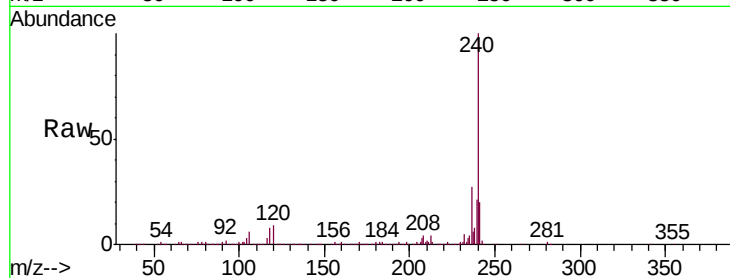
Tot Ion:240 Resp: 398781

Ion Ratio Lower Upper

240 100

120 8.5 5.7 8.5#

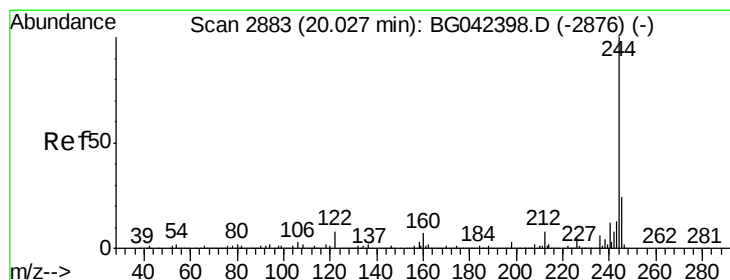
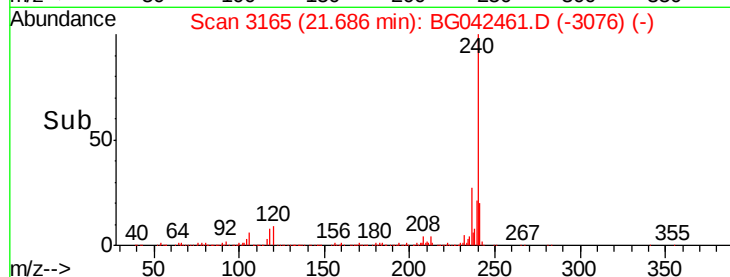
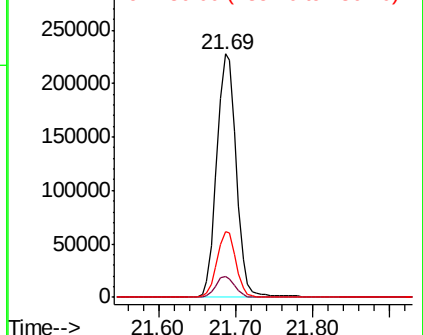
236 27.2 21.0 31.4



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: 97.400 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042461.D

Acq: 24 Aug 2019 10:53

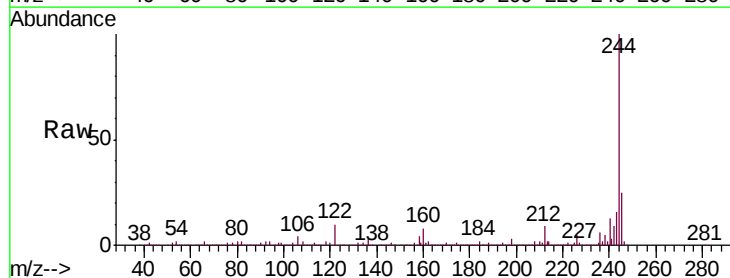
Tgt Ion:244 Resp: 1796618

Ion Ratio Lower Upper

244 100

212 8.6 6.0 9.0

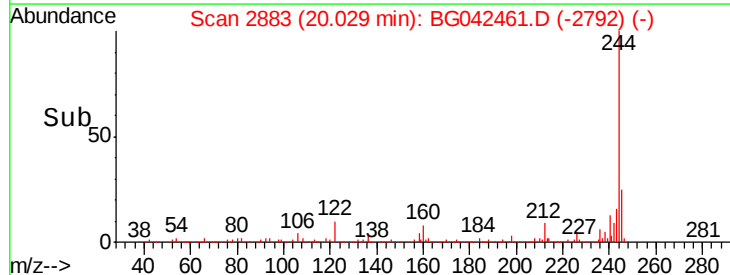
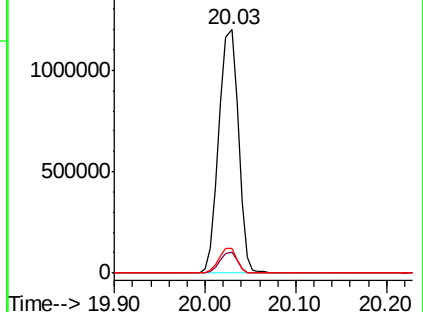
122 10.1 6.7 10.1#

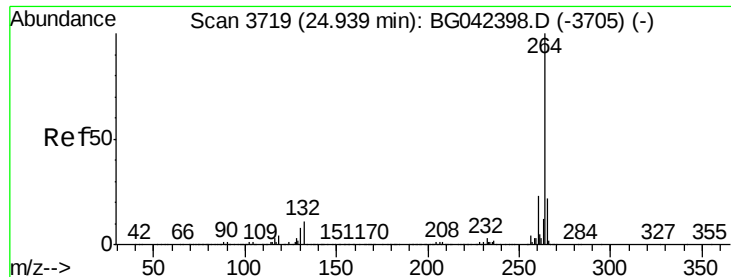


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042461.D
Acq: 24 Aug 2019 10:53

Instrument :
BNA_G
ClientSampleId :
WC-PILE-082219

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.8	17.6	26.4

