

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041506.D
 Acq On : 28 Jun 2019 3:50
 Operator : HP/JU
 Sample : K3552-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-8

Quant Time: Jun 28 11:25:28 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

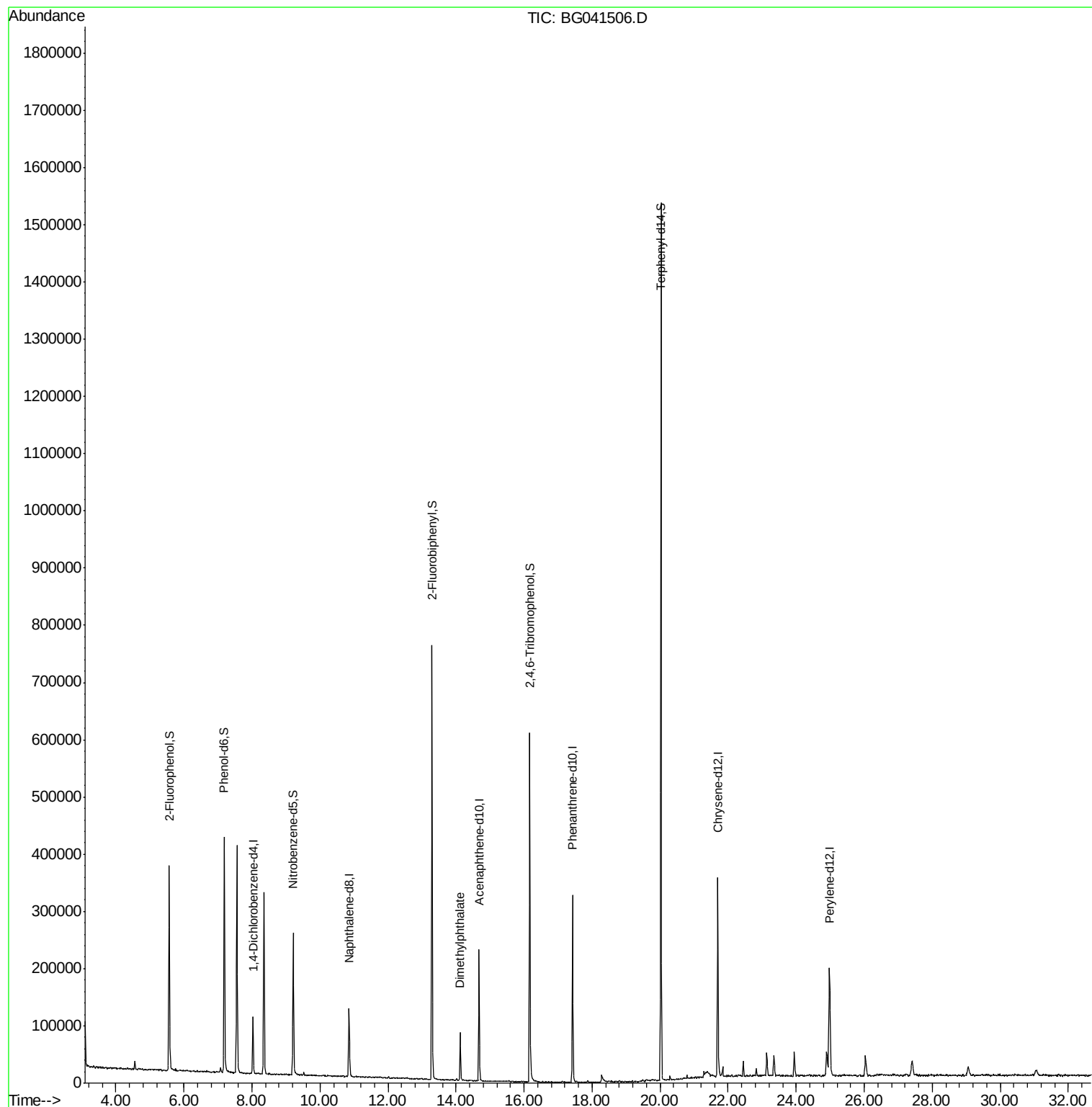
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29732	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	107280	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	76228	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	206813	20.00	ng	0.00
76) Chrysene-d12	21.70	240	220860	20.00	ng	0.00
87) Perylene-d12	24.98	264	232890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	151910	91.09	ng	0.00
7) Phenol-d6	7.18	99	224998	95.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	156632	60.89	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	120698	92.73	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	382701	64.43	ng	0.00
79) Terphenyl-d14	20.02	244	749189	72.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	61920	8.926	ng	Qvalue 97

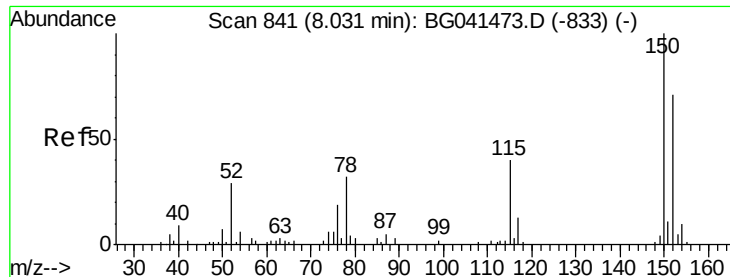
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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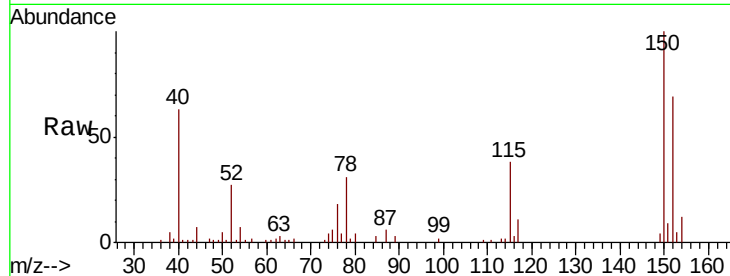


#1

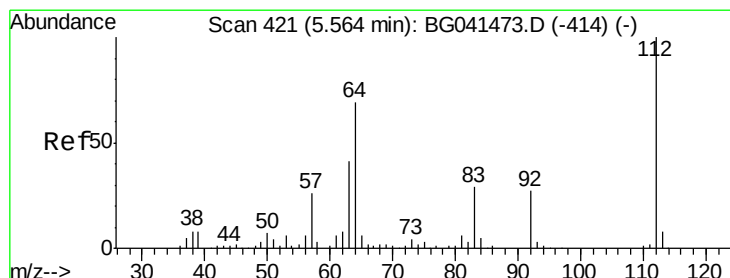
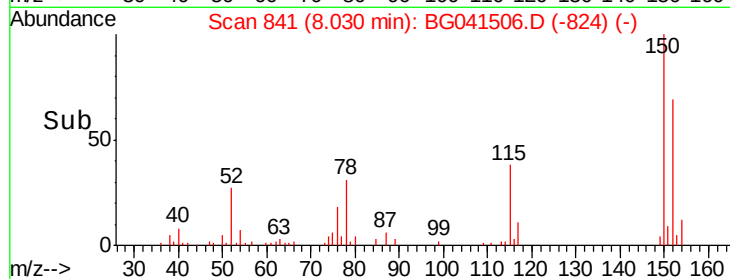
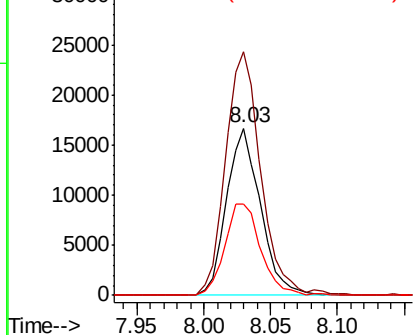
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041506.D
Acq: 28 Jun 2019 3:50

Instrument :
BNA_G
ClientSampleId :
M-8

Tot Ion:152 Resp: 29732
Ion Ratio Lower Upper
152 100
150 145.8 112.4 168.6
115 54.9 44.6 66.8



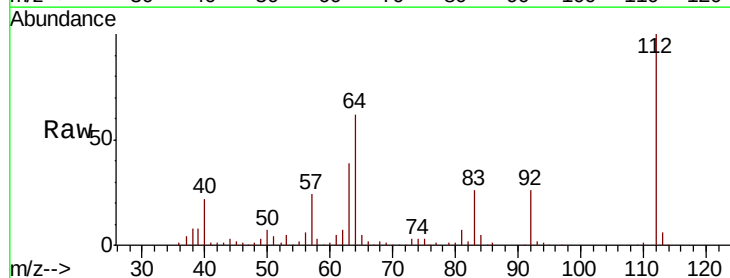
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



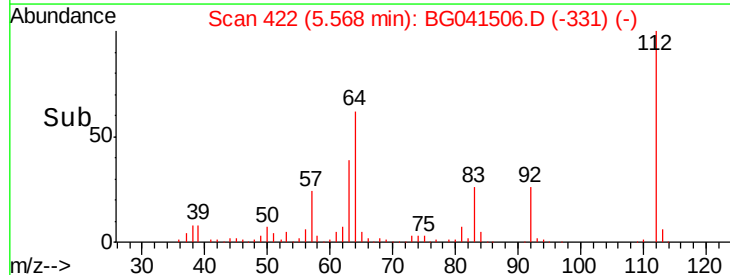
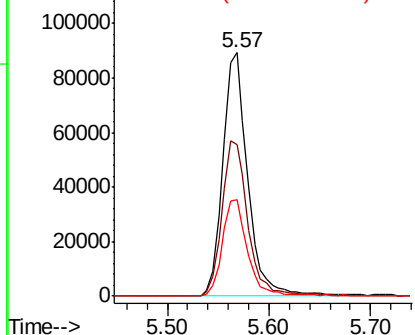
#5

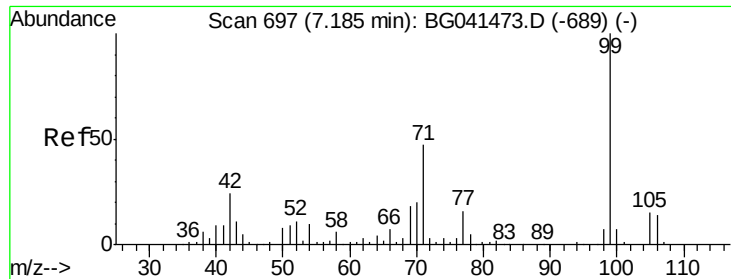
2-Fluorophenol
Concen: 91.091 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041506.D
Acq: 28 Jun 2019 3:50

Tgt Ion:112 Resp: 151910
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 39.5 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: 95.840 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041506.D

Acq: 28 Jun 2019 3:50

Instrument :

BNA_G

ClientSampleId :

M-8

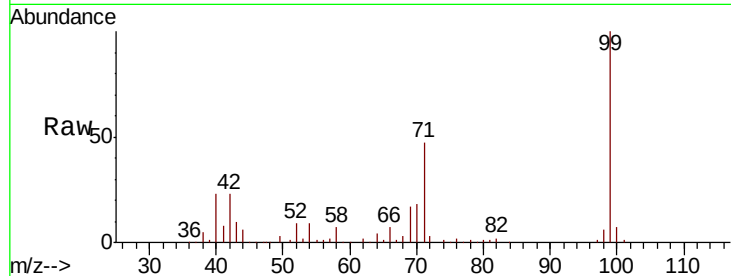
Tot Ion: 99 Resp: 224998

Ion Ratio Lower Upper

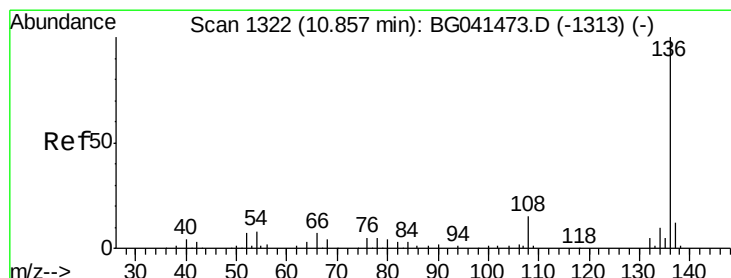
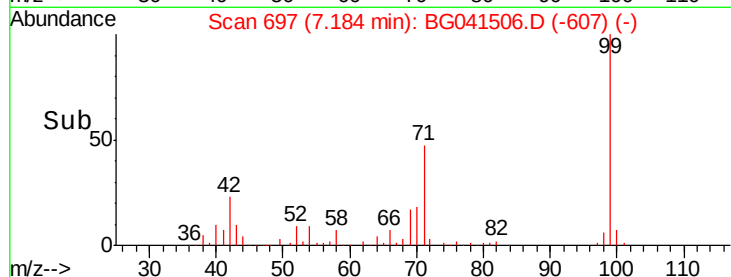
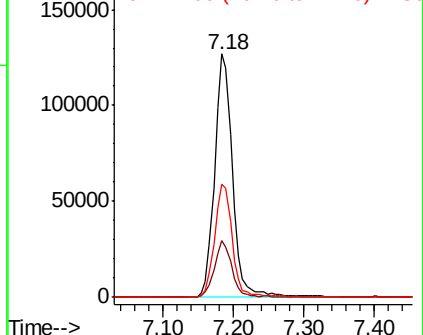
99 100

42 23.1 19.0 28.6

71 46.6 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: BG041506.D

Acq: 28 Jun 2019 3:50

Tgt Ion: 136 Resp: 107280

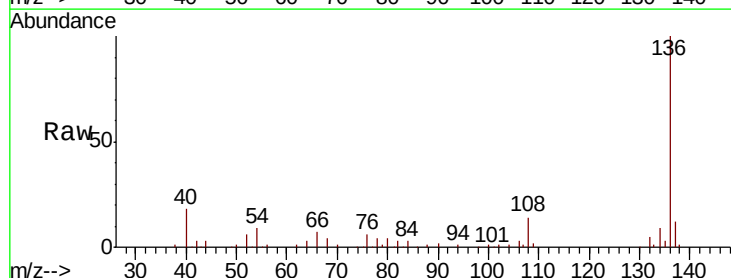
Ion Ratio Lower Upper

136 100

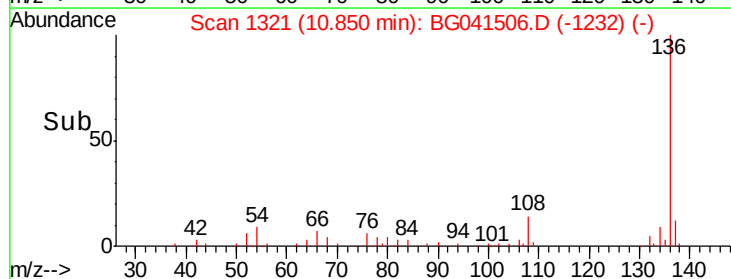
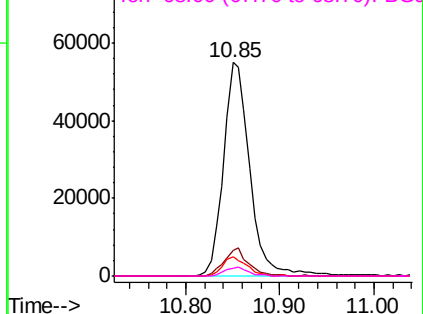
137 11.8 9.3 13.9

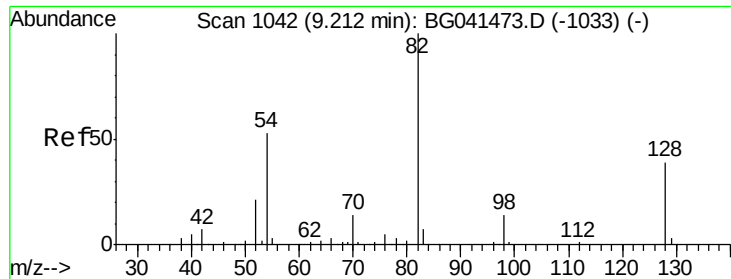
54 9.2 7.1 10.7

68 3.8 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

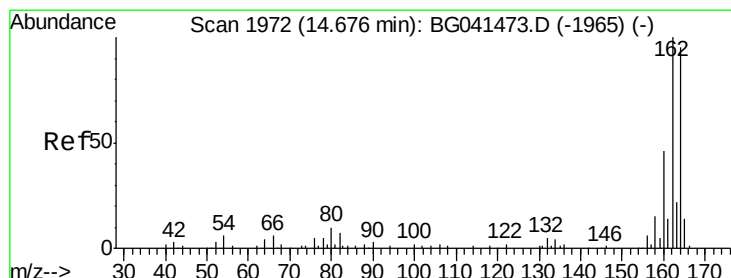
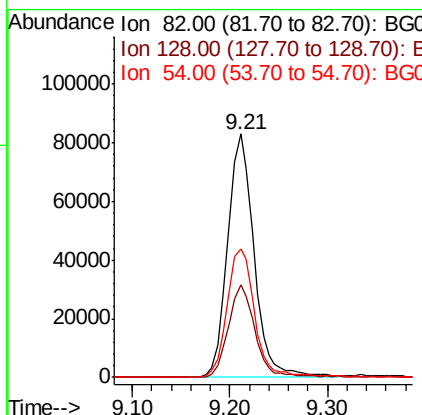
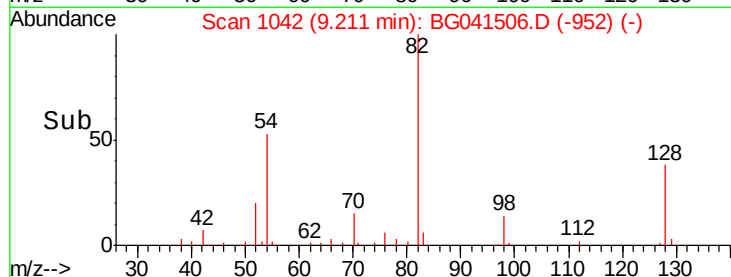
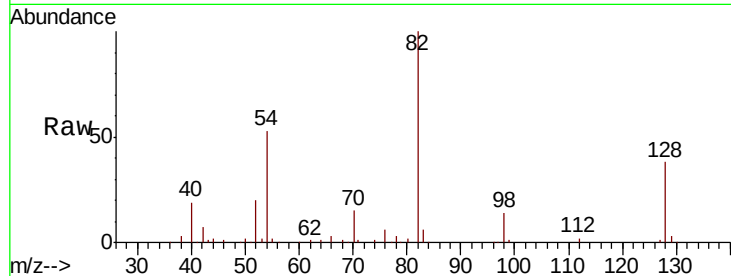




#23
Nitrobenzene-d5
Concen: 60.893 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041506.D
Acq: 28 Jun 2019 3:50

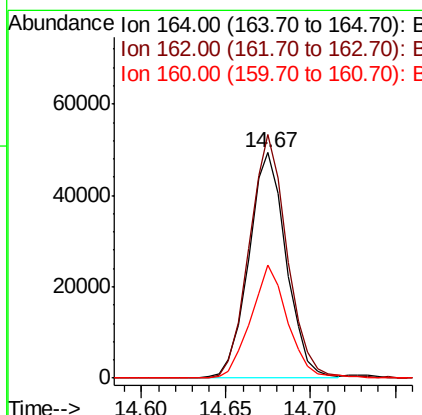
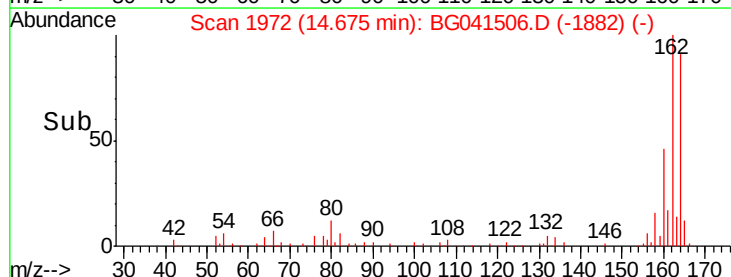
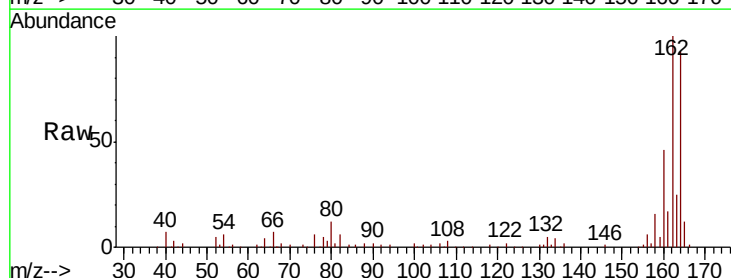
Instrument :
BNA_G
ClientSampled :
M-8

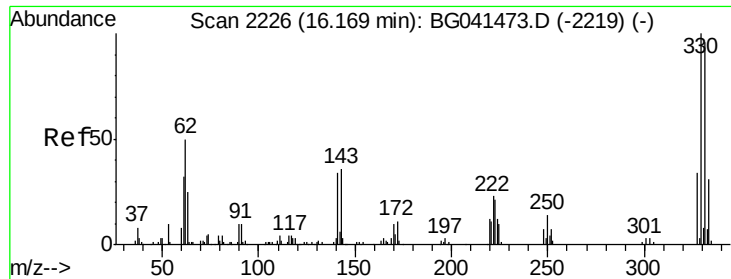
Tot Ion	82	Resp	156632
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.9	46.3
54	53.0	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041506.D
Acq: 28 Jun 2019 3:50

Tgt Ion	164	Resp	76228
Ion Ratio	Lower	Upper	
164	100		
162	108.1	84.4	126.6
160	50.2	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 92.735 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041506.D

Acq: 28 Jun 2019 3:50

Instrument :

BNA_G

ClientSampleId :

M-8

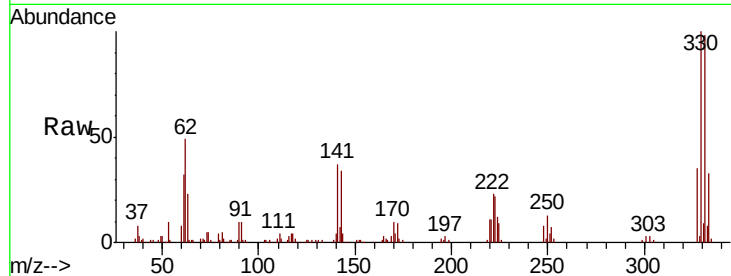
Tot Ion:330 Resp: 120698

Ion Ratio Lower Upper

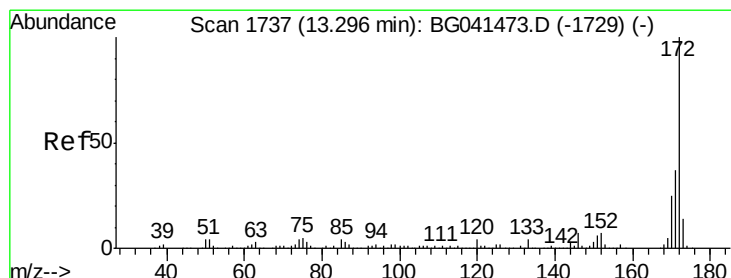
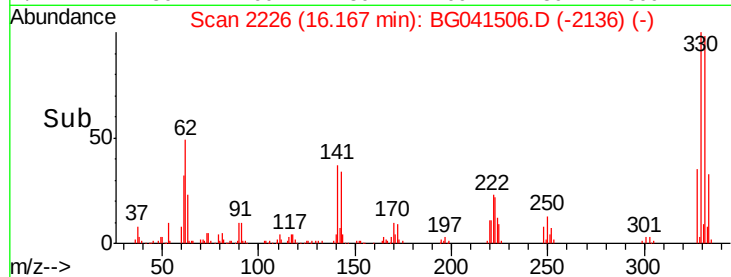
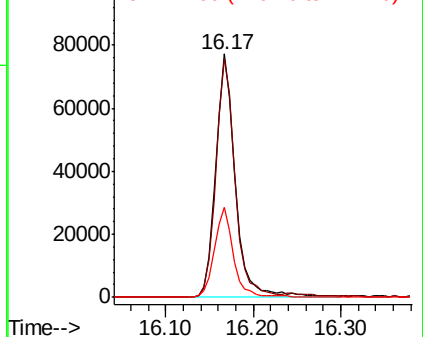
330 100

332 95.3 75.5 113.3

141 35.8 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: 64.426 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041506.D

Acq: 28 Jun 2019 3:50

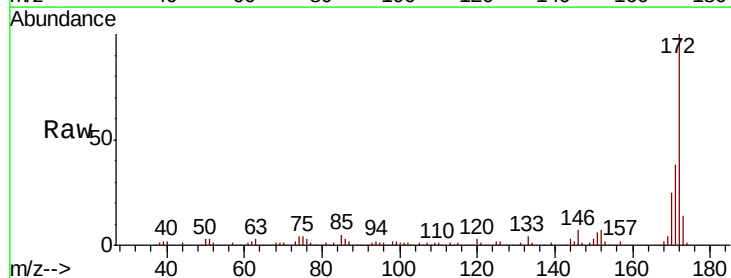
Tgt Ion:172 Resp: 382701

Ion Ratio Lower Upper

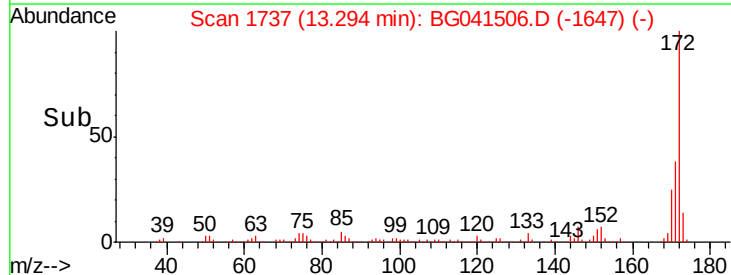
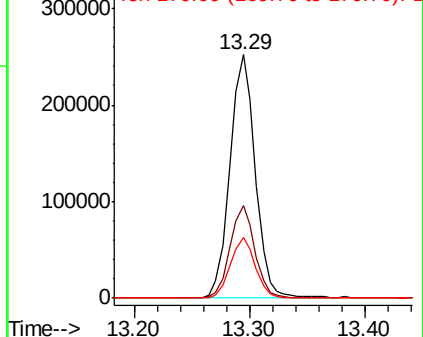
172 100

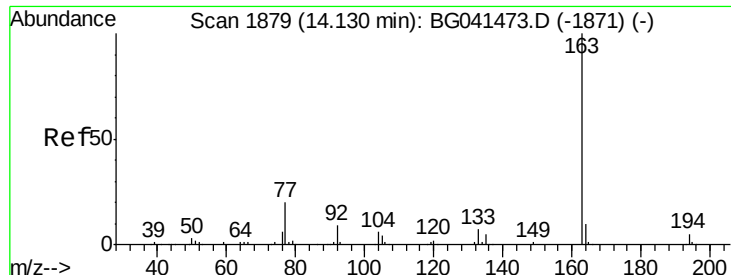
171 38.1 29.6 44.4

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

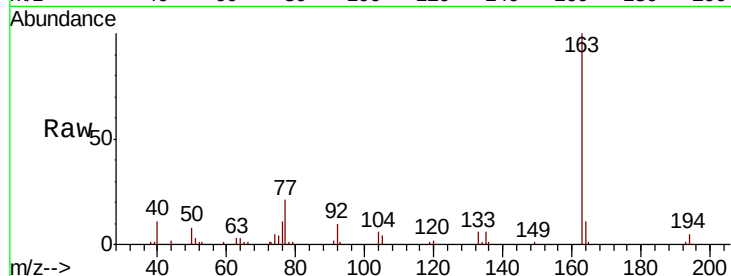




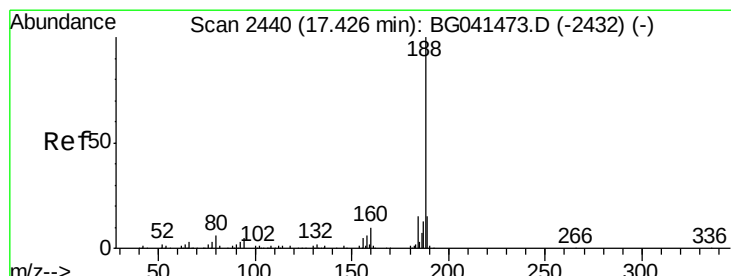
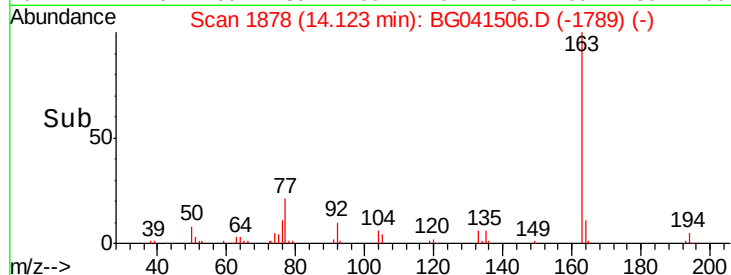
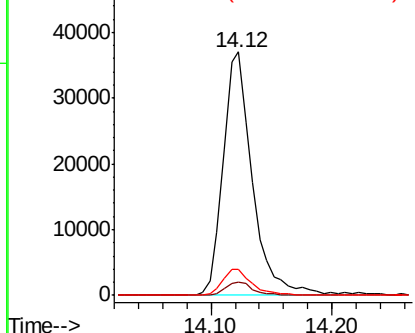
#50
Dimethylphthalate
Concen: 8.926 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041506.D
Acq: 28 Jun 2019 3:50

Instrument :
BNA_G
ClientSampled :
M-8

Tot Ion:163 Resp: 61920
Ion Ratio Lower Upper
163 100
194 5.4 3.7 5.5
164 10.7 7.8 11.6

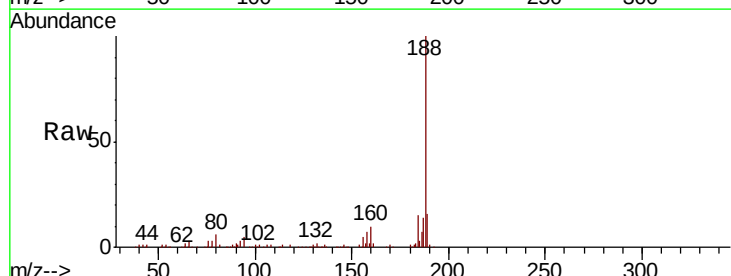


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

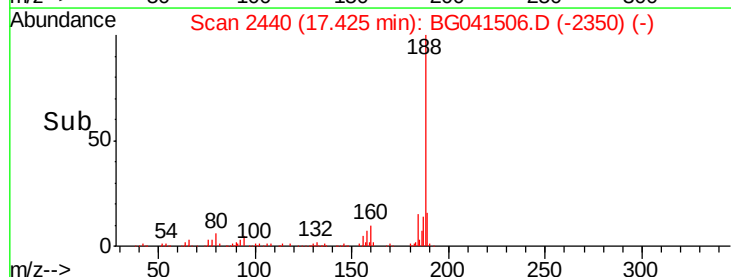
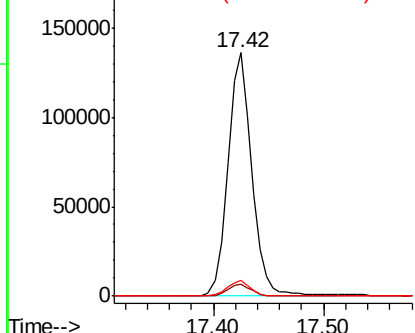


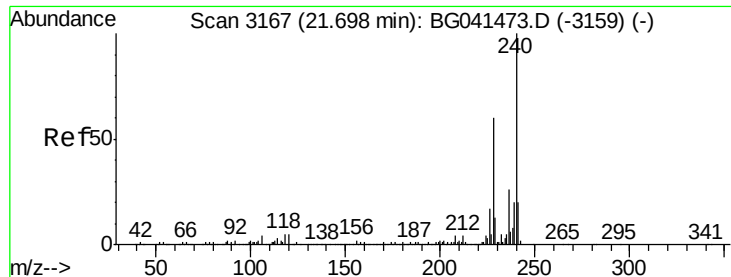
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041506.D
Acq: 28 Jun 2019 3:50

Tgt Ion:188 Resp: 206813
Ion Ratio Lower Upper
188 100
94 4.7 3.8 5.8
80 6.4 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041506.D

Acq: 28 Jun 2019 3:50

Instrument :

BNA_G

ClientSampleId :

M-8

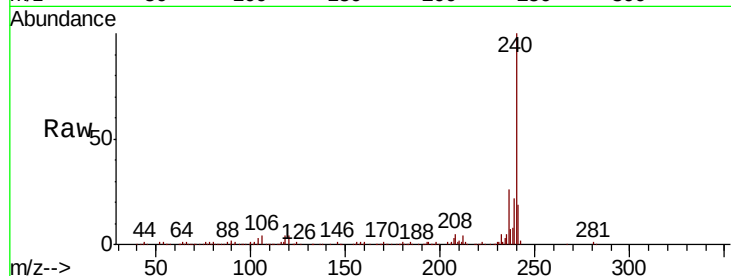
Tot Ion:240 Resp: 220860

Ion Ratio Lower Upper

240 100

120 4.2 3.7 5.5

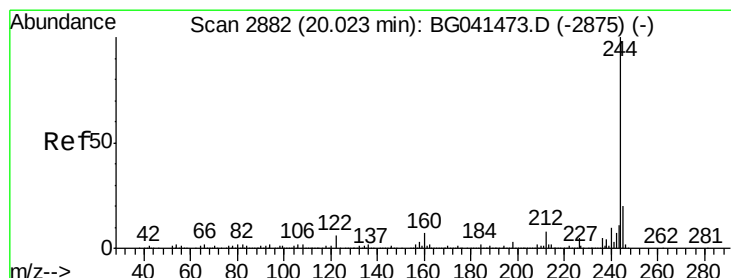
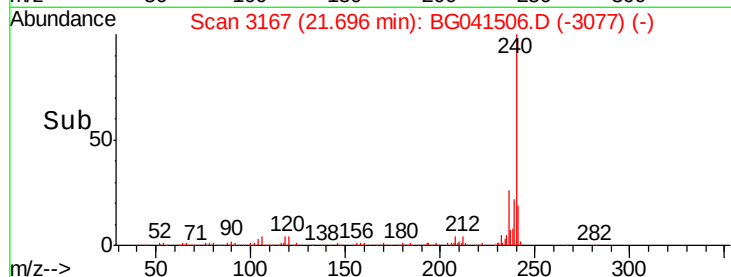
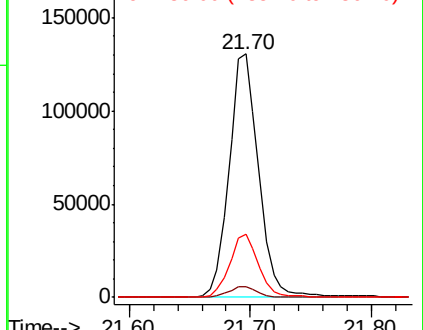
236 25.8 20.8 31.2



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: 72.086 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041506.D

Acq: 28 Jun 2019 3:50

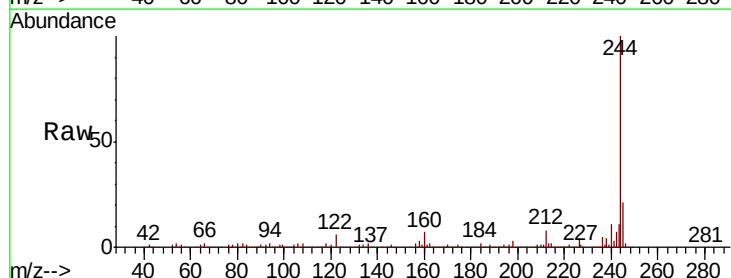
Tgt Ion:244 Resp: 749189

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

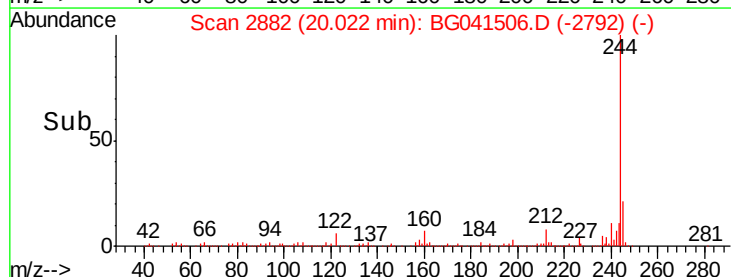
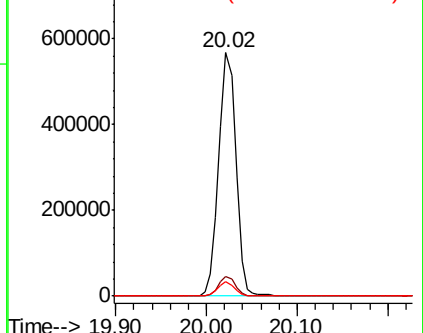
122 5.8 4.8 7.2

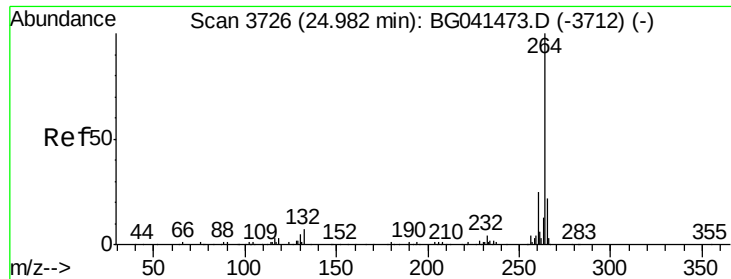


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG041506.D
 Acq: 28 Jun 2019 3:50

Instrument :
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 ClientSampleId :
 M-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	20.8	17.4	26.2

