

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041499.D
 Acq On : 27 Jun 2019 22:07
 Operator : HP/JU
 Sample : K3552-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-6

Quant Time: Jun 28 07:14:17 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

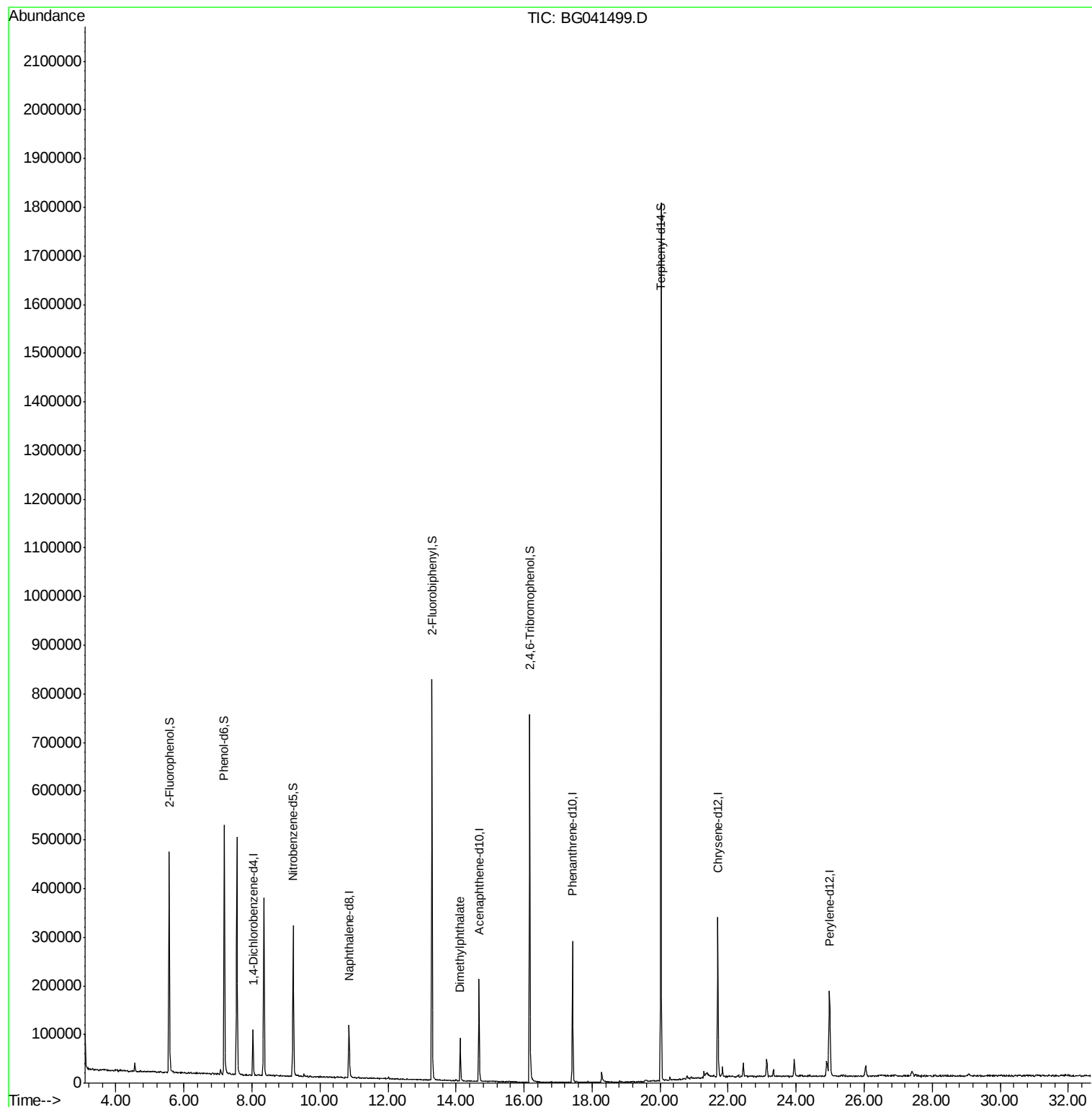
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26701	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96912	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	71440	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	191229	20.00	ng	0.00
76) Chrysene-d12	21.70	240	205965	20.00	ng	0.00
87) Perylene-d12	24.98	264	221361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	188505	125.87	ng	0.00
7) Phenol-d6	7.19	99	272084	129.05	ng	0.00
23) Nitrobenzene-d5	9.21	82	192137	82.69	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	152909	125.36	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	423598	76.09	ng	0.00
79) Terphenyl-d14	20.02	244	829871	85.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	65043	10.005	ng	Qvalue 100

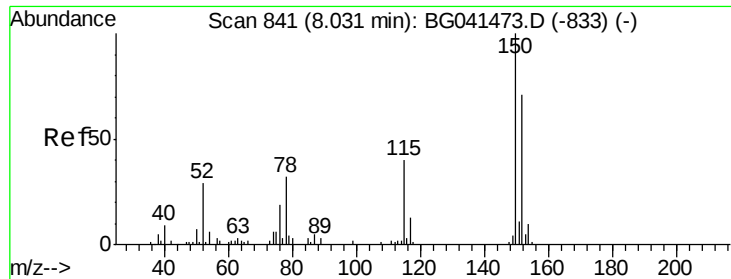
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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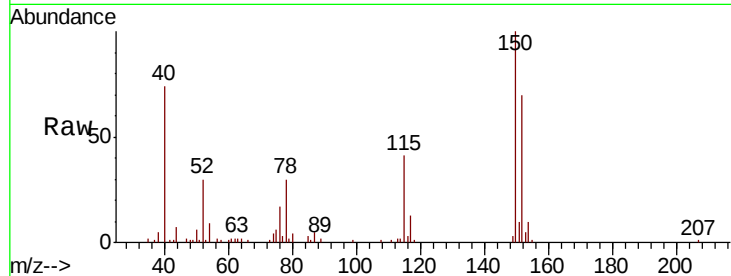


#1

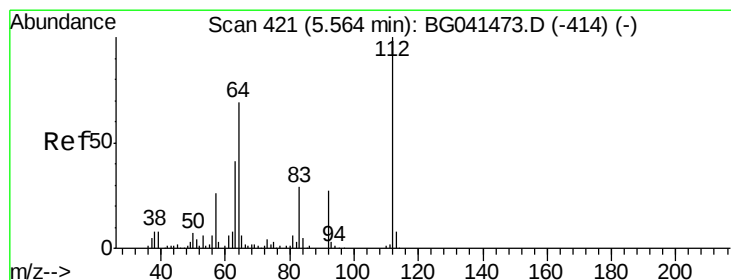
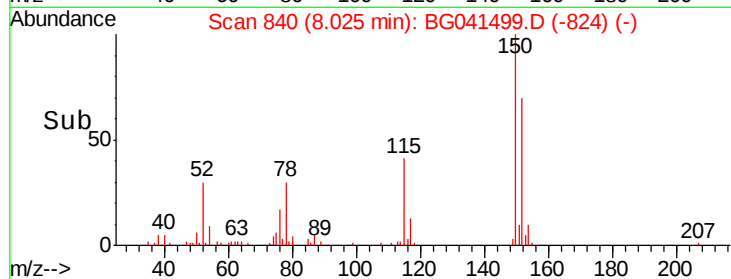
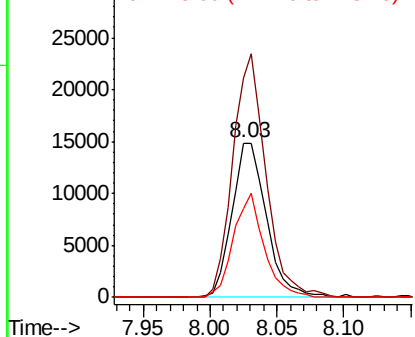
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

Instrument :
BNA_G
ClientSampleId :
M-6

Tot Ion:152 Resp: 26701
Ion Ratio Lower Upper
152 100
150 142.0 112.4 168.6
115 57.9 44.6 66.8



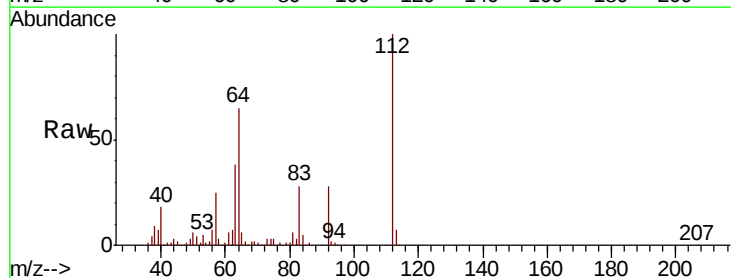
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



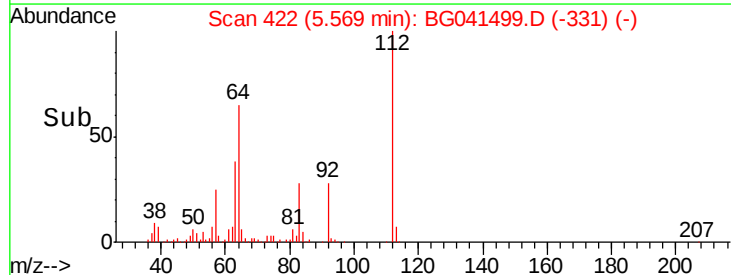
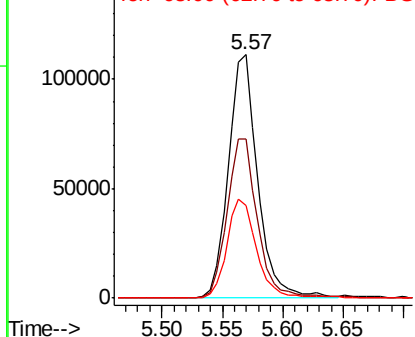
#5

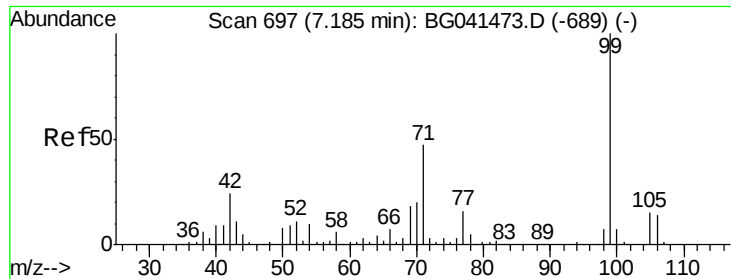
2-Fluorophenol
Concen: 125.867 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

Tgt Ion:112 Resp: 188505
Ion Ratio Lower Upper
112 100
64 65.4 55.1 82.7
63 38.1 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: 129.053 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041499.D

Acq: 27 Jun 2019 22:07

Instrument :

BNA_G

ClientSampleId :

M-6

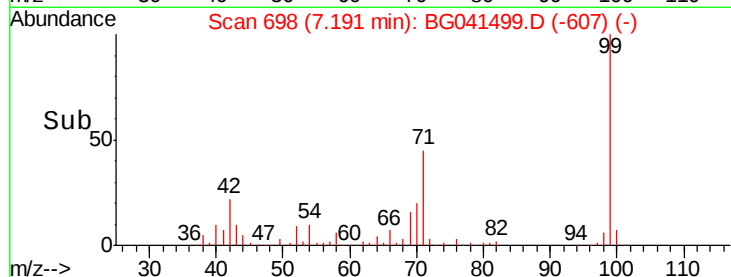
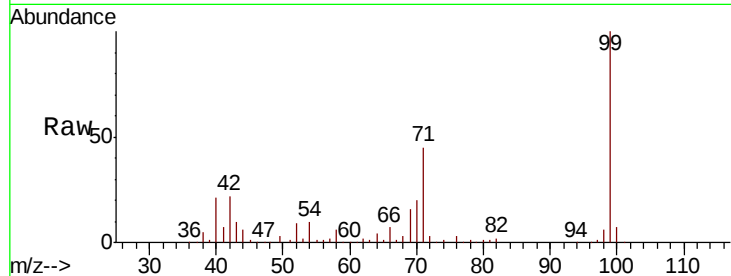
Tot Ion: 99 Resp: 272084

Ion Ratio Lower Upper

99 100

42 22.4 19.0 28.6

71 44.6 37.4 56.2

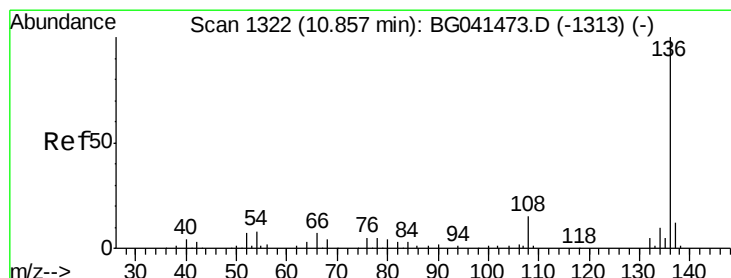
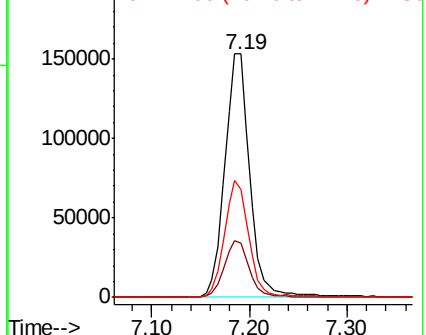


Abundance

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: BG041499.D

Acq: 27 Jun 2019 22:07

Tgt Ion: 136 Resp: 96912

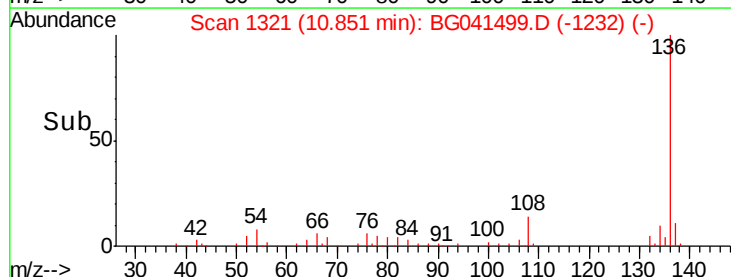
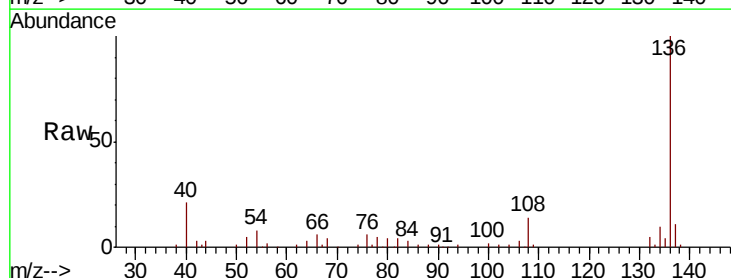
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.2 7.1 10.7

68 4.3 3.3 4.9



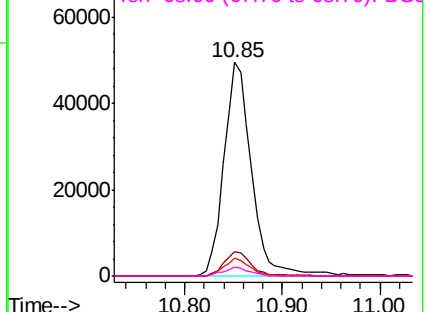
Abundance

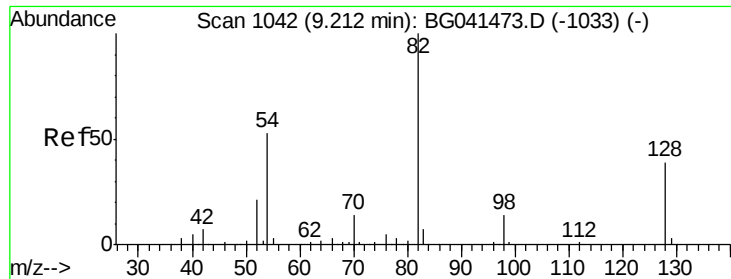
Ion 136.00 (135.70 to 136.70): BGC

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

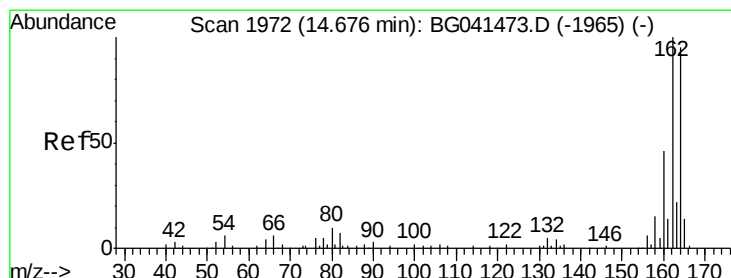
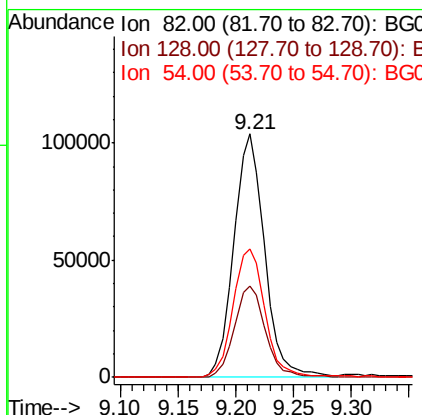
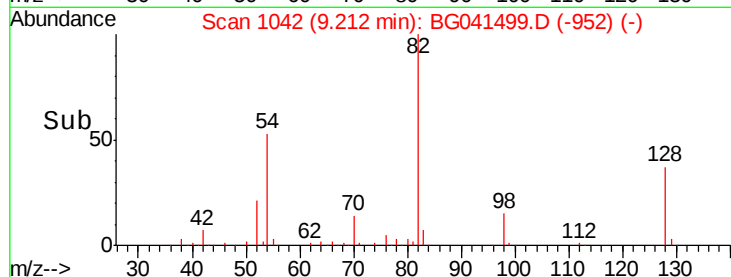
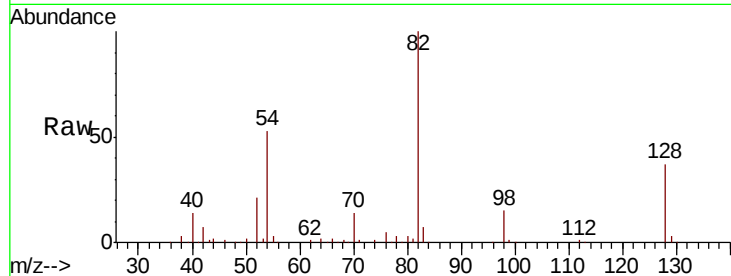




#23
Nitrobenzene-d5
Concen: 82.688 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

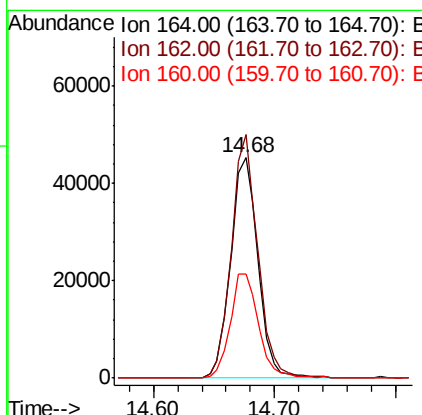
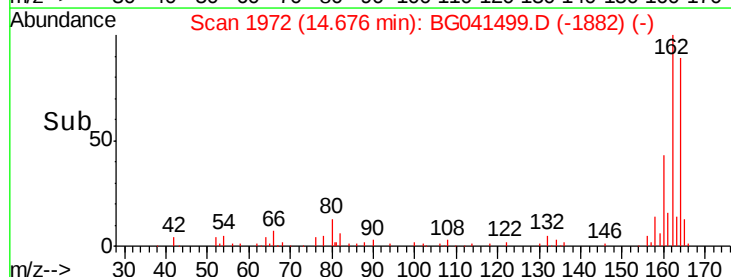
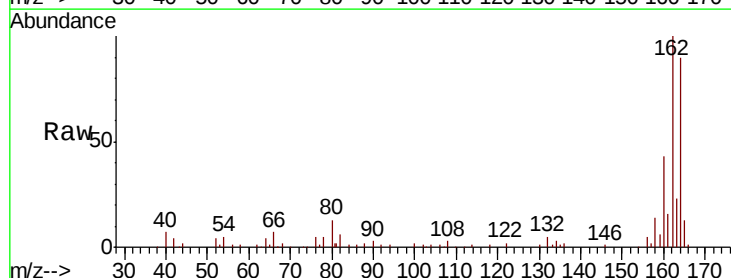
Instrument :
BNA_G
ClientSampleId :
M-6

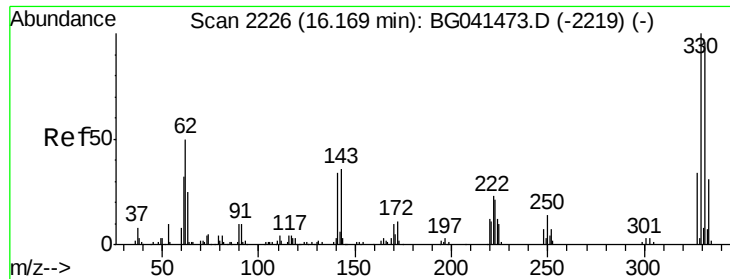
Tot Ion	82	Resp	192137
Ion Ratio	100	Lower	Upper
128	37.2	30.9	46.3
54	52.8	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

Tgt Ion	164	Resp	71440
Ion Ratio	100	Lower	Upper
162	110.5	84.4	126.6
160	47.0	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 125.357 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041499.D

Acq: 27 Jun 2019 22:07

Instrument :

BNA_G

ClientSampleId :

M-6

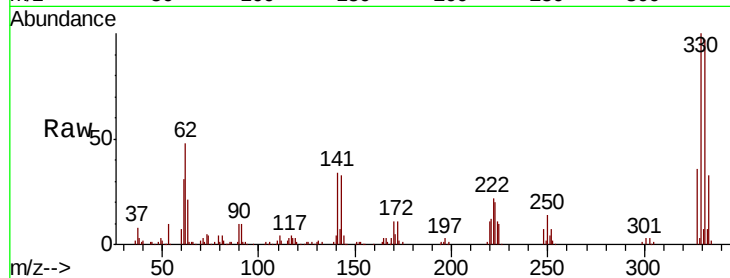
Tot Ion:330 Resp: 152909

Ion Ratio Lower Upper

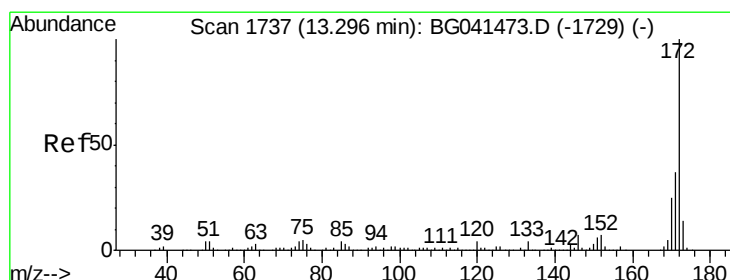
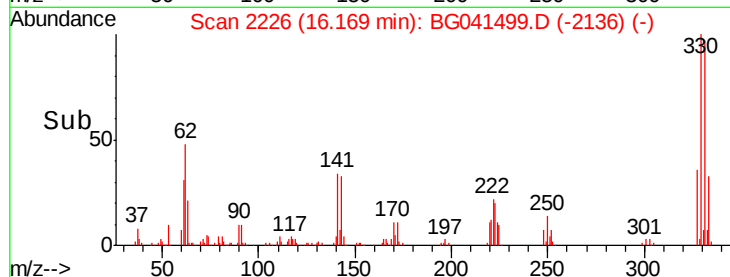
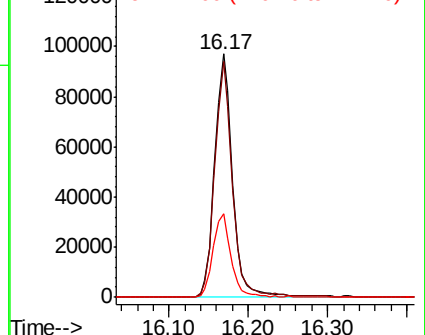
330 100

332 95.0 75.5 113.3

141 34.5 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: 76.090 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041499.D

Acq: 27 Jun 2019 22:07

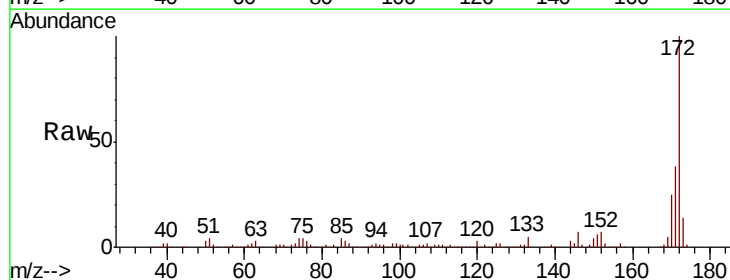
Tgt Ion:172 Resp: 423598

Ion Ratio Lower Upper

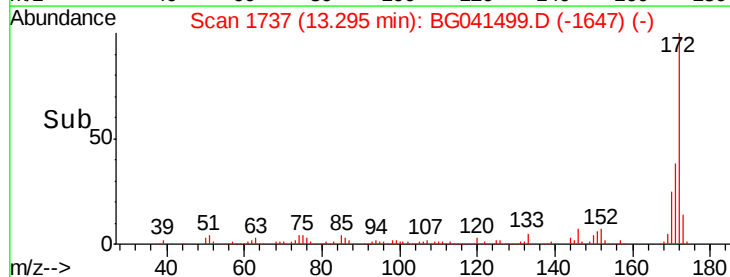
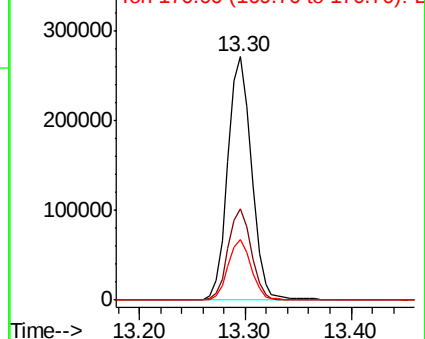
172 100

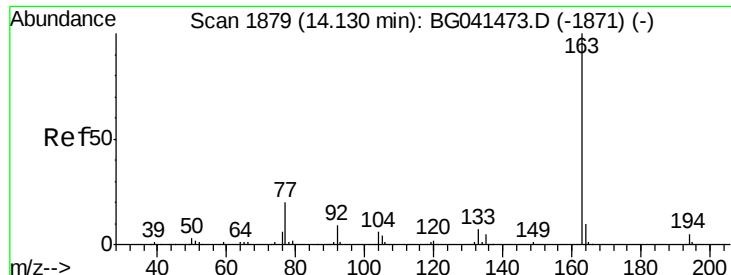
171 37.7 29.6 44.4

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: 10.005 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041499.D

Acq: 27 Jun 2019 22:07

Instrument :

BNA_G

ClientSampleId :

M-6

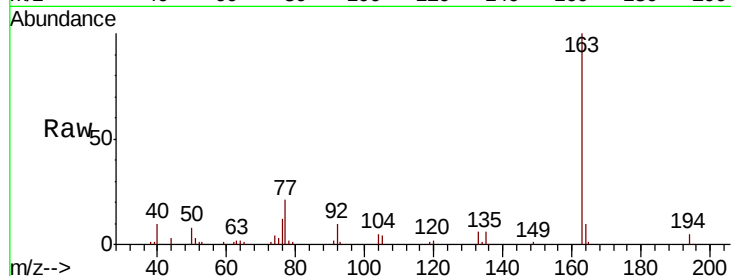
Tot Ion:163 Resp: 65043

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

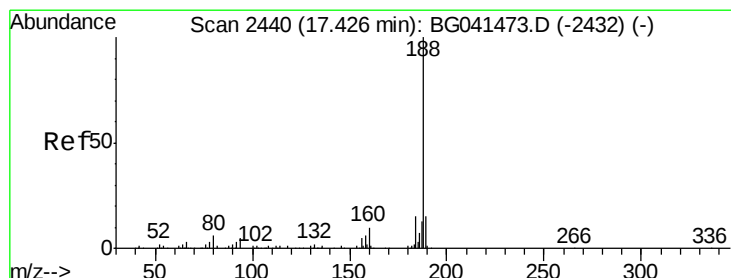
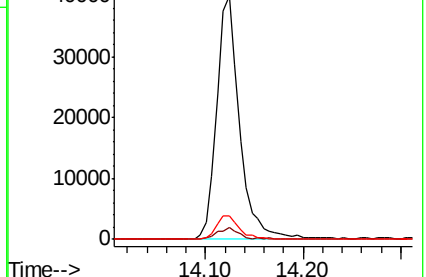
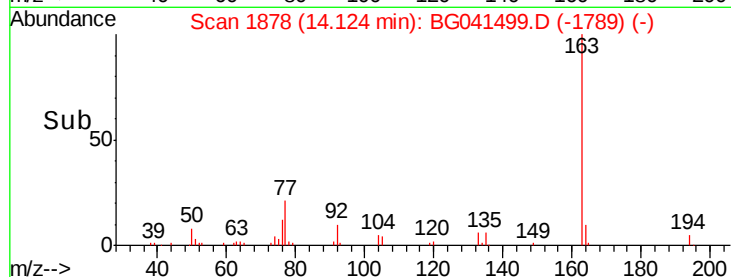
164 9.6 7.8 11.6



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: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041499.D

Acq: 27 Jun 2019 22:07

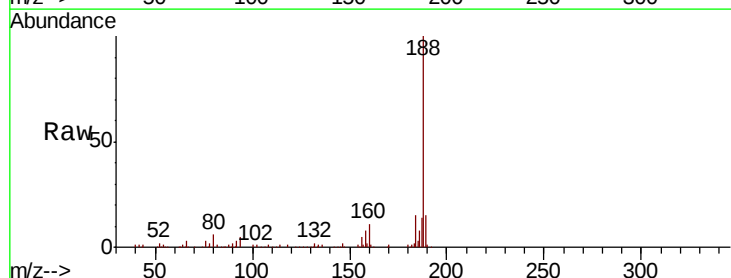
Tgt Ion:188 Resp: 191229

Ion Ratio Lower Upper

188 100

94 4.6 3.8 5.8

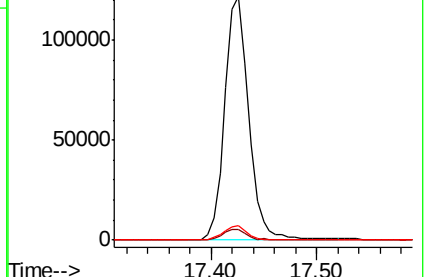
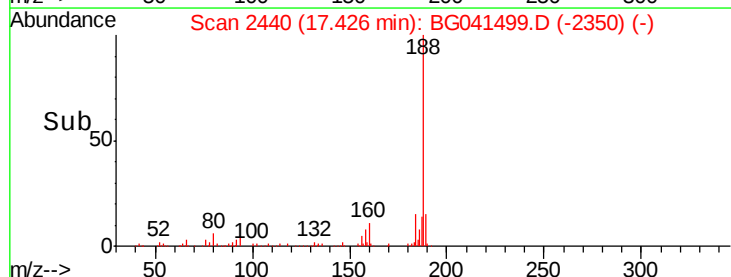
80 5.7 4.8 7.2

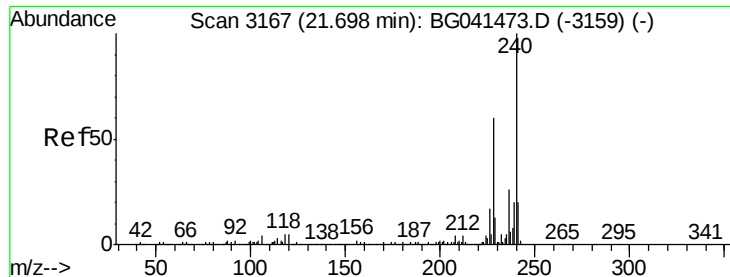


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

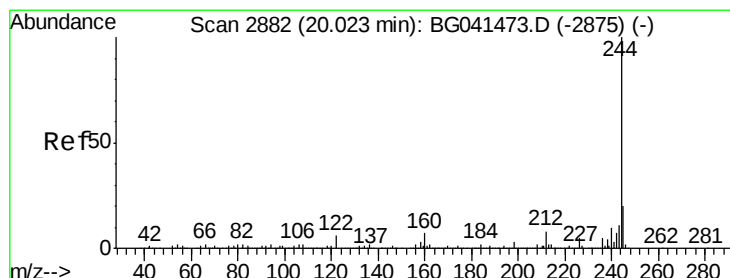
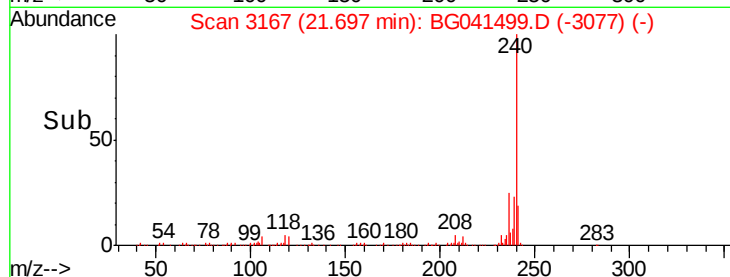
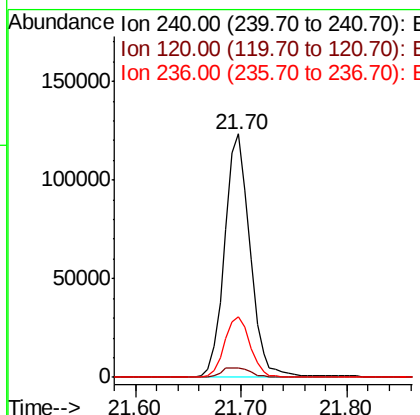
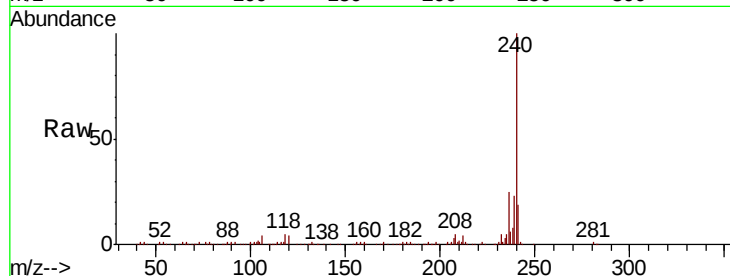




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

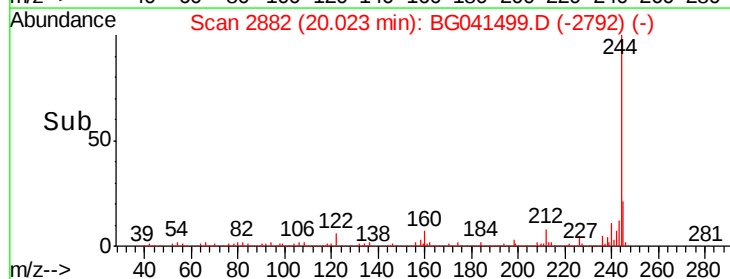
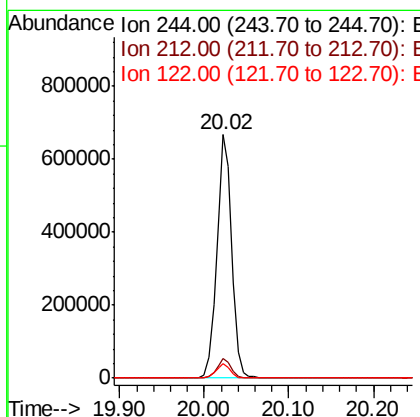
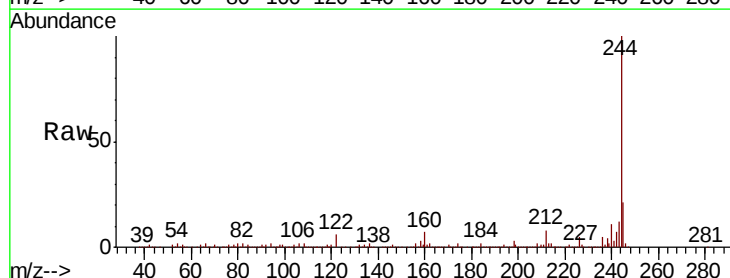
Instrument :
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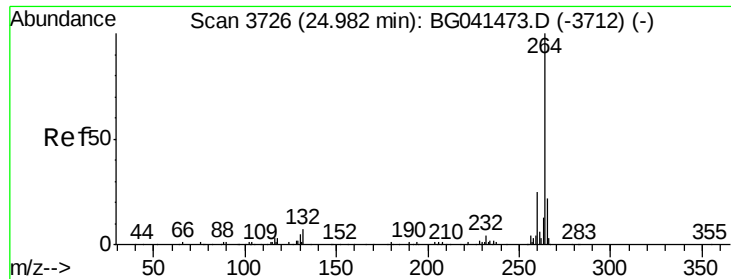
Tot Ion:240 Resp: 205965
Ion Ratio Lower Upper
240 100
120 3.7 3.7 5.5#
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 85.623 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

Tgt Ion:244 Resp: 829871
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.4
122 6.2 4.8 7.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041499.D
Acq: 27 Jun 2019 22:07

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.7	29.5
265	22.2	17.4	26.2

