

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041494.D
 Acq On : 27 Jun 2019 18:57
 Operator : HP/JU
 Sample : K3552-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-1

Quant Time: Jun 28 06:57:21 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

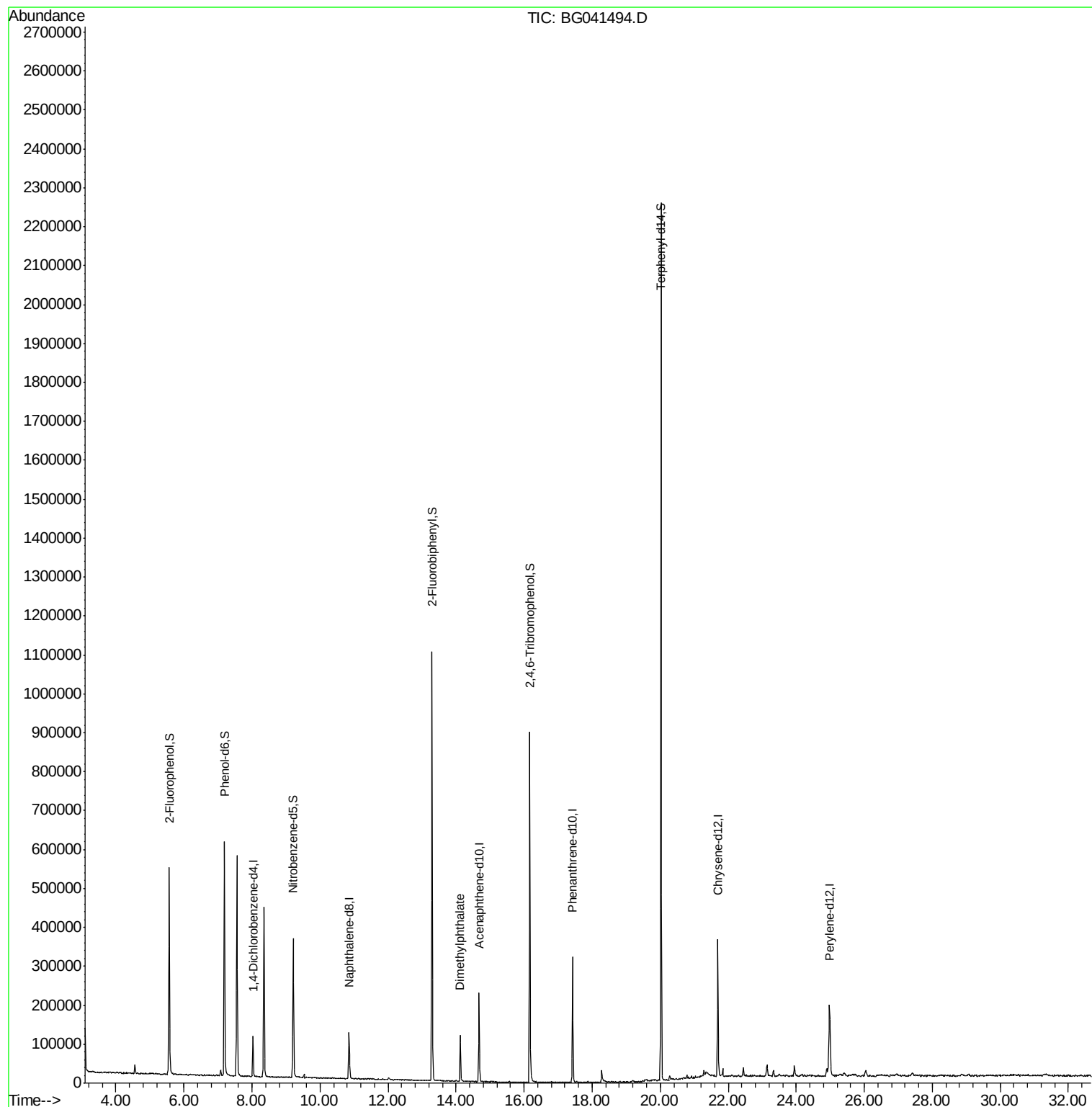
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29315	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	106128	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	78981	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	206822	20.00	ng	0.00
76) Chrysene-d12	21.70	240	213210	20.00	ng	0.00
87) Perylene-d12	24.98	264	228169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	214618	130.52	ng	0.00
7) Phenol-d6	7.19	99	318268	137.50	ng	0.00
23) Nitrobenzene-d5	9.21	82	225336	88.55	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	176246	130.69	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	548581	89.13	ng	0.00
79) Terphenyl-d14	20.03	244	1038010	103.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	83255	11.583	ng	Qvalue 96

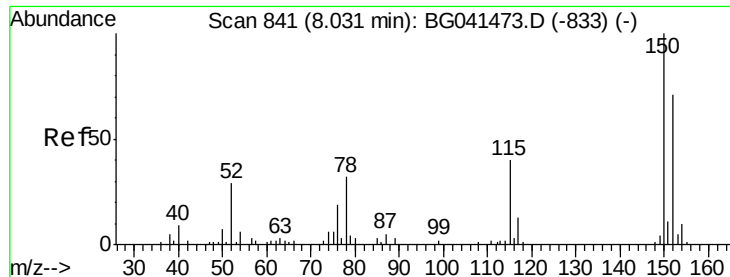
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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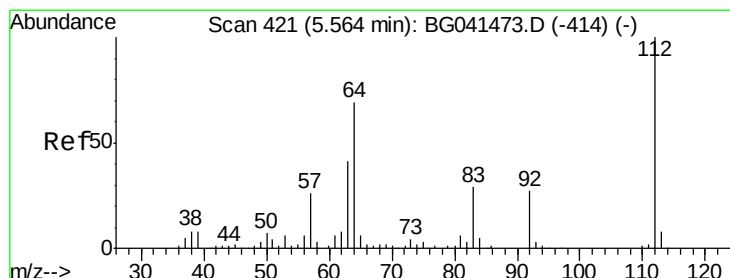
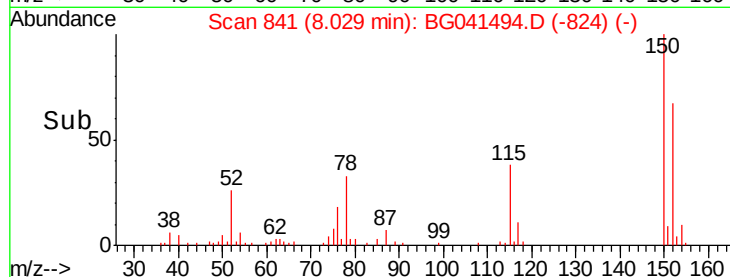
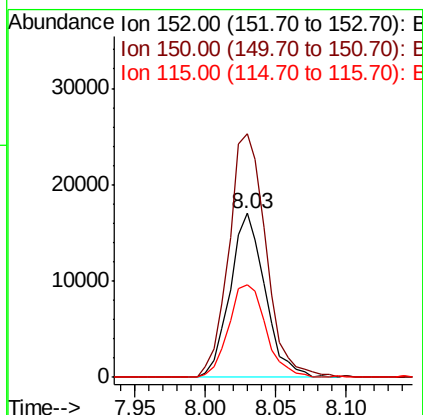
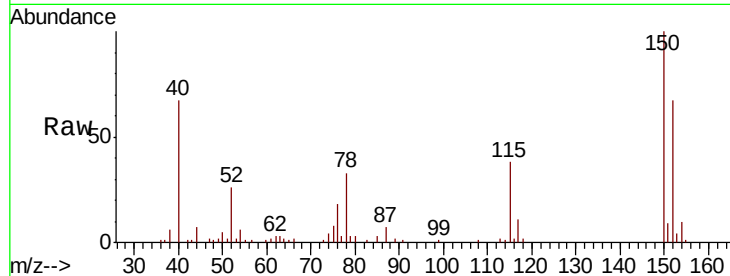


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Instrument :
BNA_G
ClientSampleId :
M-1

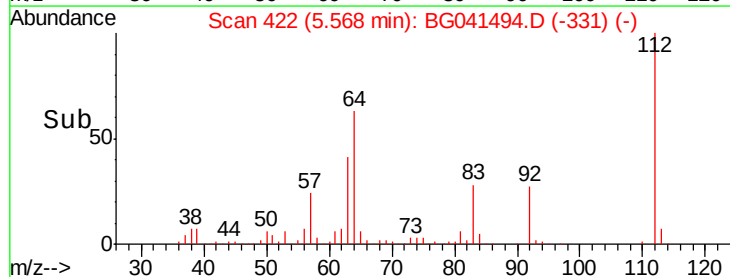
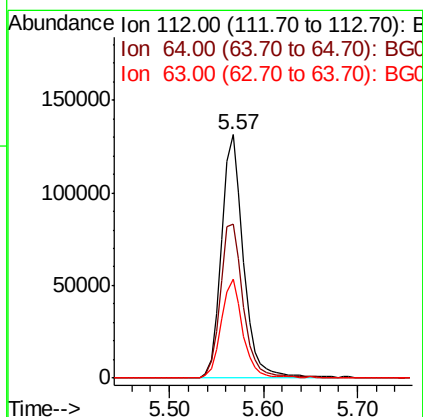
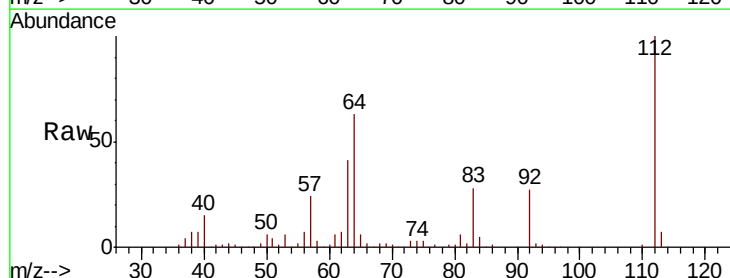
Tot Ion:152 Resp: 29315
Ion Ratio Lower Upper
152 100
150 148.3 112.4 168.6
115 56.4 44.6 66.8

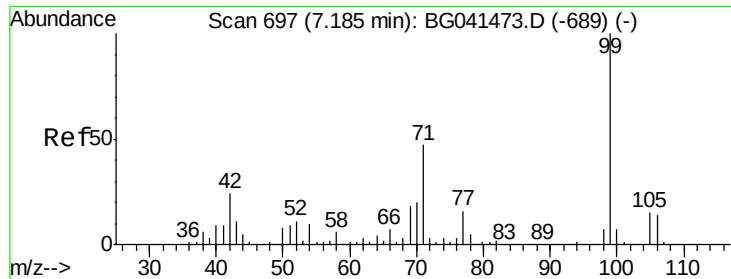


#5

2-Fluorophenol
Concen: 130.524 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Tgt Ion:112 Resp: 214618
Ion Ratio Lower Upper
112 100
64 63.1 55.1 82.7
63 40.6 32.4 48.6





#7

Phenol-d6

Concen: 137.498 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Instrument :

BNA_G

ClientSampled :

M-1

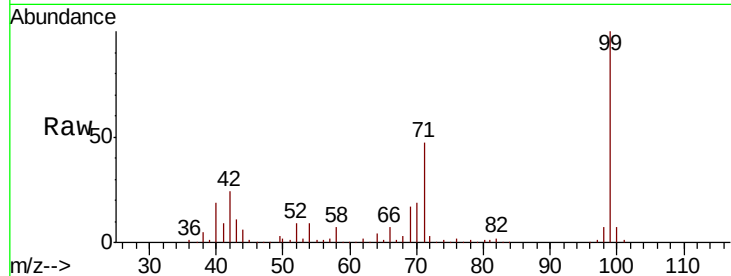
Tot Ion: 99 Resp: 318268

Ion Ratio Lower Upper

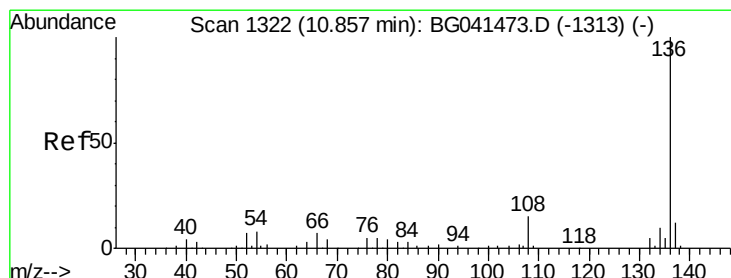
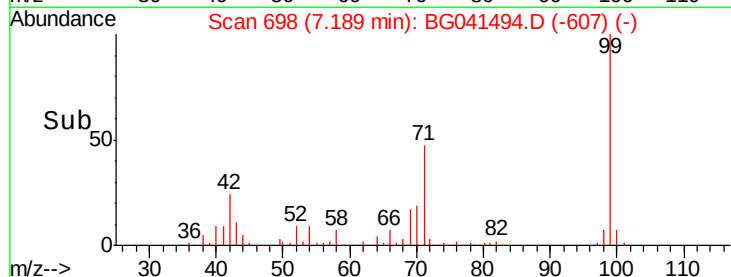
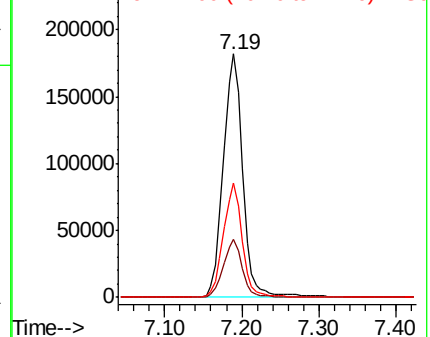
99 100

42 24.0 19.0 28.6

71 46.9 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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Tgt Ion: 136 Resp: 106128

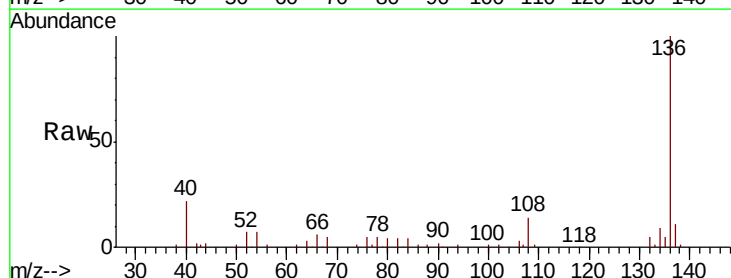
Ion Ratio Lower Upper

136 100

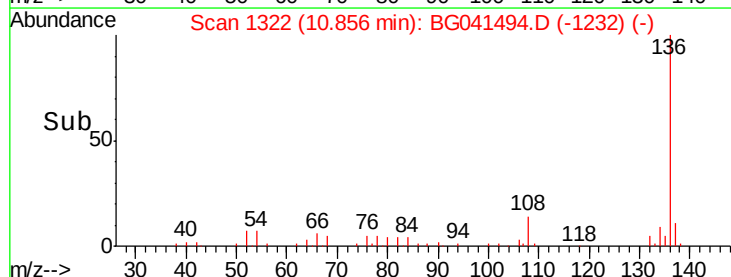
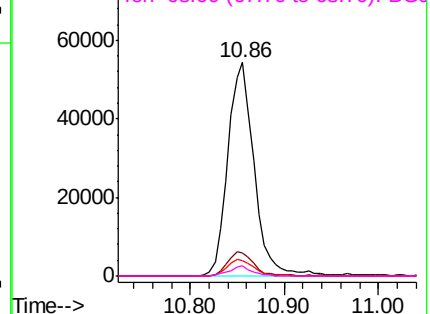
137 10.7 9.3 13.9

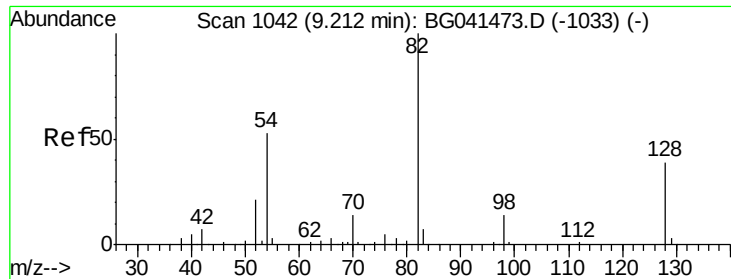
54 7.4 7.1 10.7

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

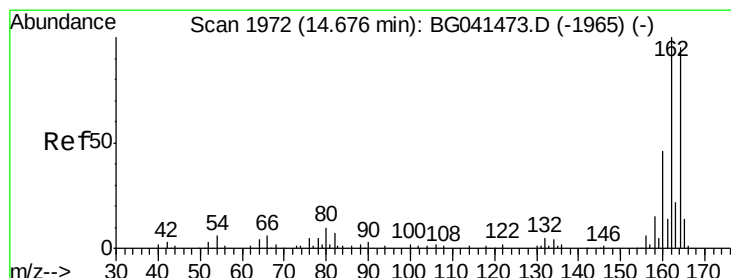
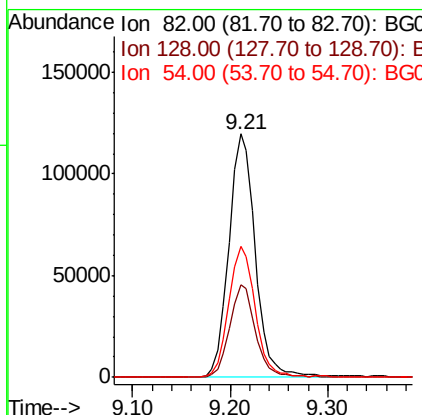
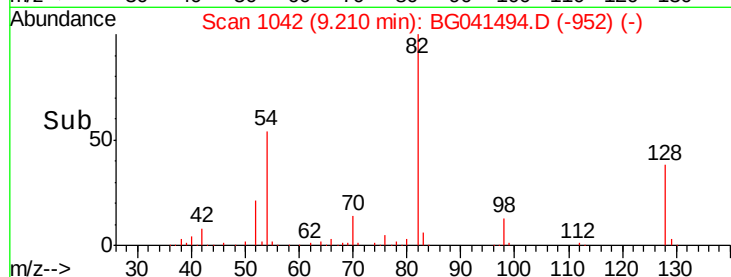
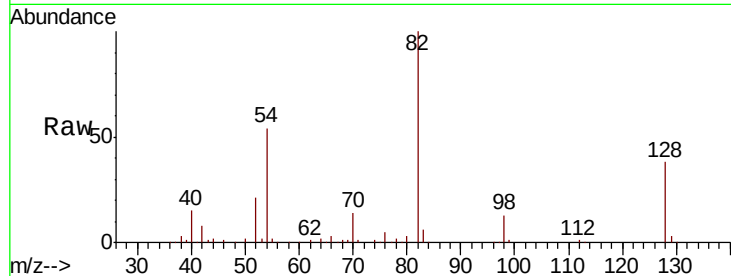




#23
 Nitrobenzene-d5
 Concen: 88.554 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041494.D
 Acq: 27 Jun 2019 18:57

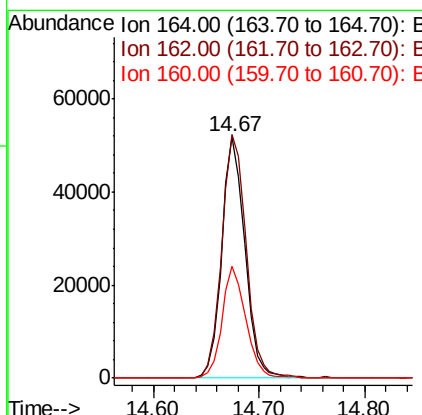
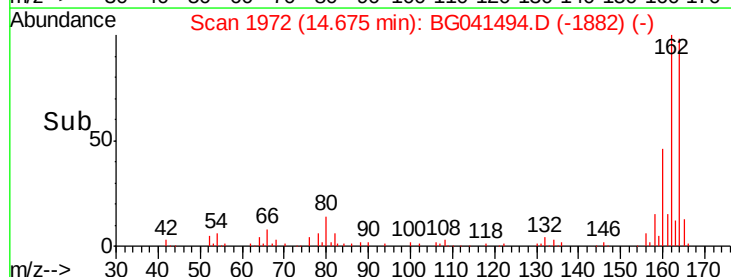
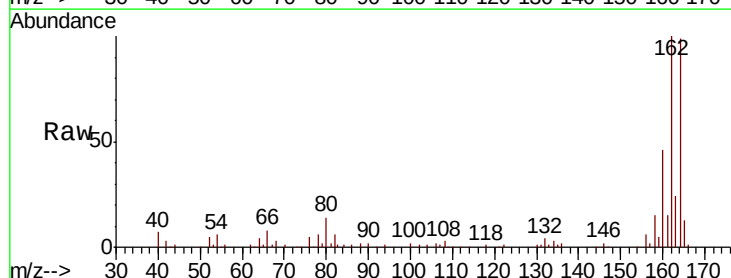
Instrument :
 BNA_G
 ClientSampleId :
 M-1

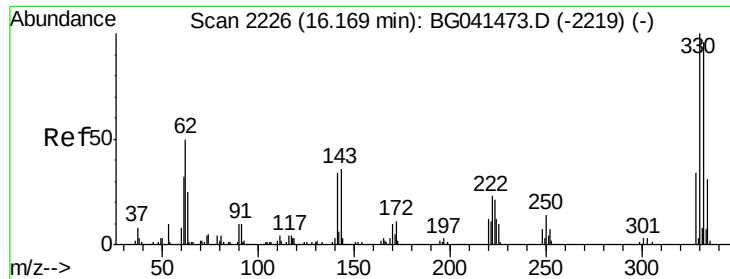
Tot Ion	82	Resp	225336
Ion Ratio	100	Lower	Upper
128	37.9	30.9	46.3
54	53.6	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041494.D
 Acq: 27 Jun 2019 18:57

Tgt Ion	164	Resp	78981
Ion Ratio	100	Lower	Upper
162	100.9	84.4	126.6
160	46.3	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 130.693 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Instrument :

BNA_G

ClientSampled :

M-1

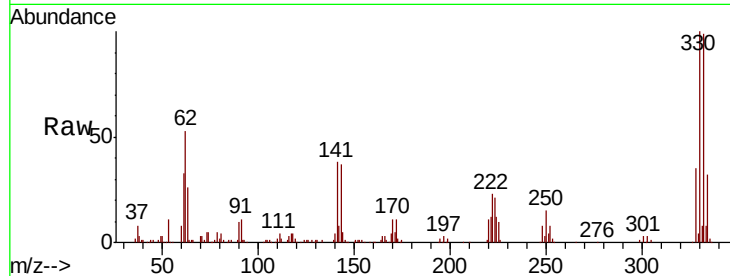
Tot Ion:330 Resp: 176246

Ion Ratio Lower Upper

330 100

332 98.0 75.5 113.3

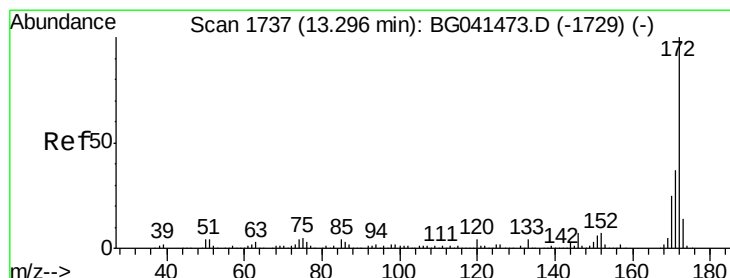
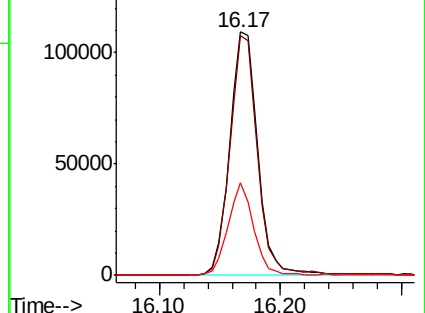
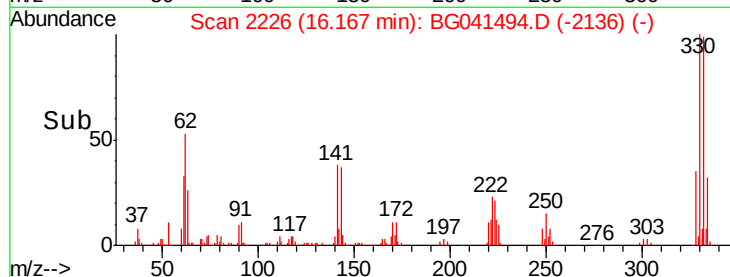
141 34.7 27.8 41.6



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: 89.132 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

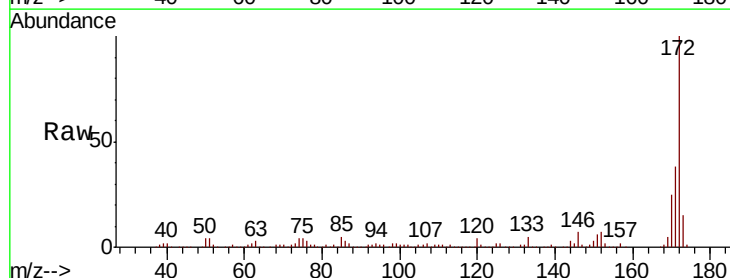
Tgt Ion:172 Resp: 548581

Ion Ratio Lower Upper

172 100

171 37.8 29.6 44.4

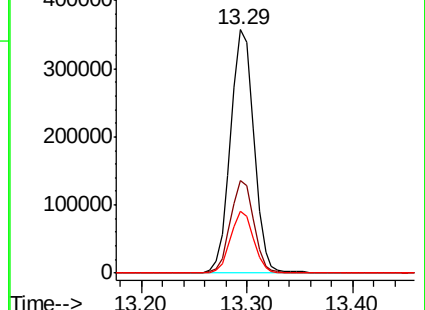
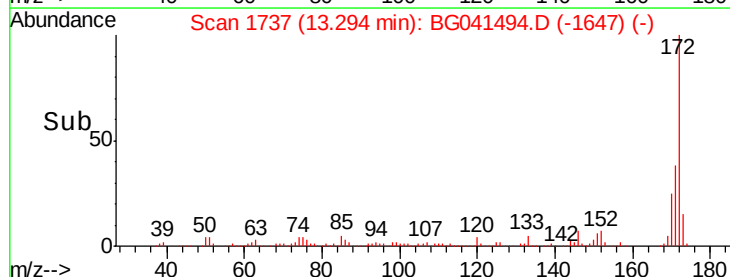
170 25.4 20.0 30.0

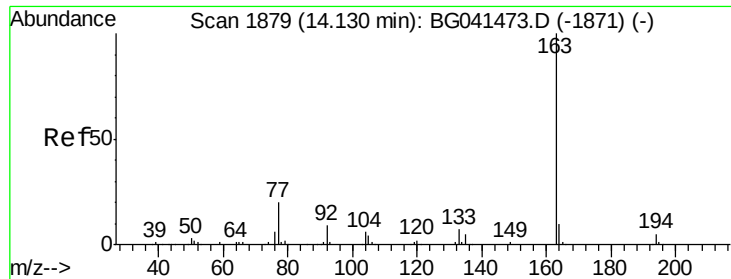


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

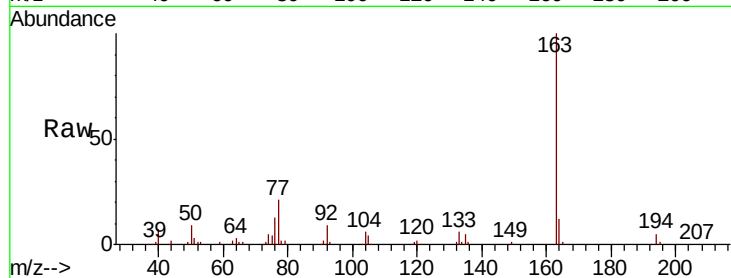




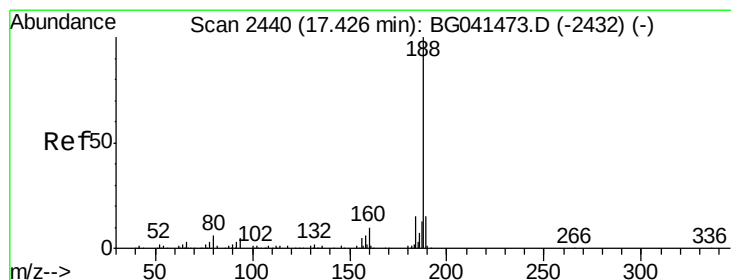
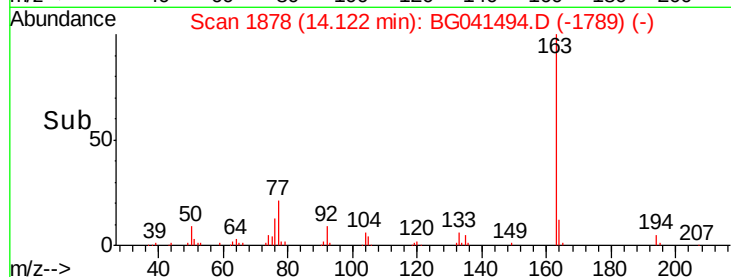
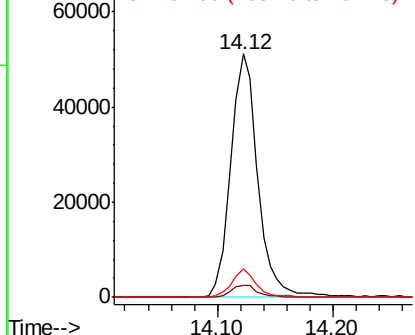
#50
Dimethylphthalate
Concen: 11.583 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Instrument :
BNA_G
ClientSampleId :
M-1

Tot Ion:163 Resp: 83255
Ion Ratio Lower Upper
163 100
194 5.1 3.7 5.5
164 11.5 7.8 11.6

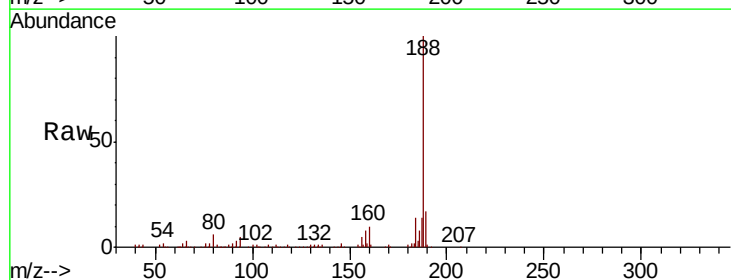


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

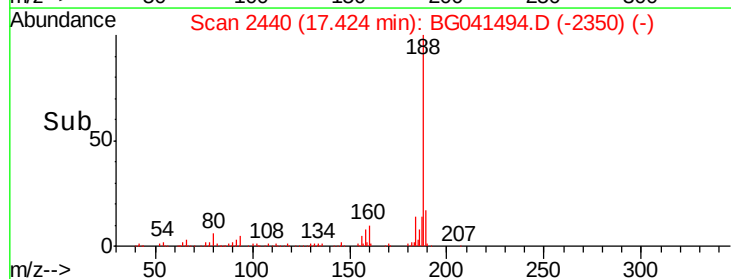
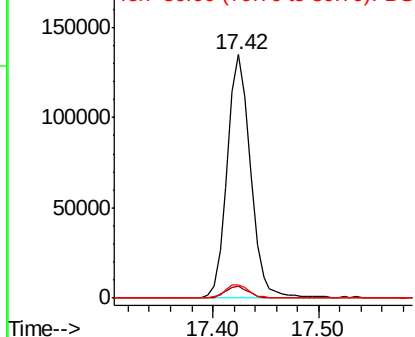


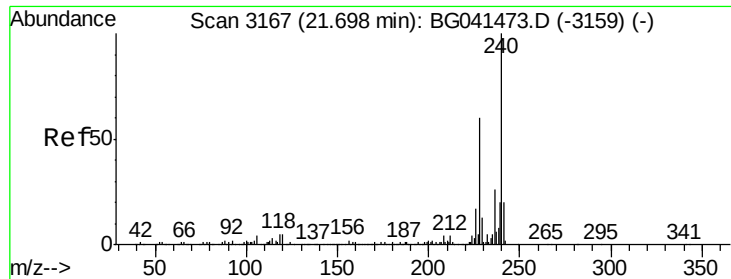
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Tgt Ion:188 Resp: 206822
Ion Ratio Lower Upper
188 100
94 5.0 3.8 5.8
80 5.6 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

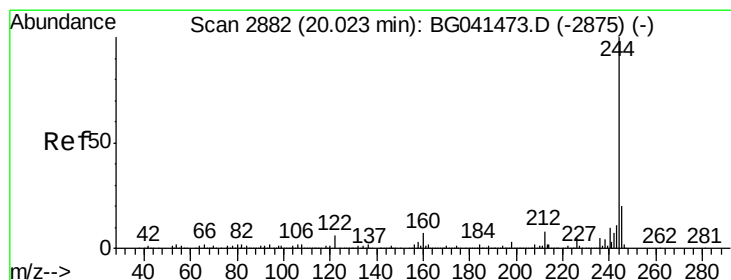
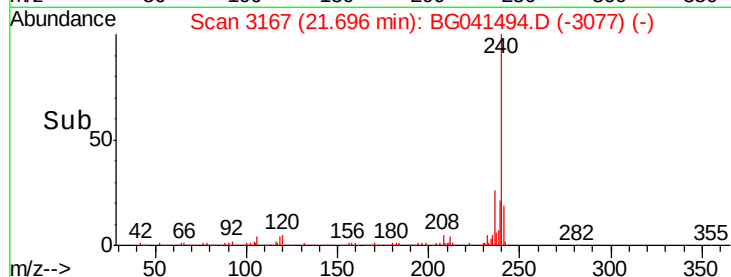
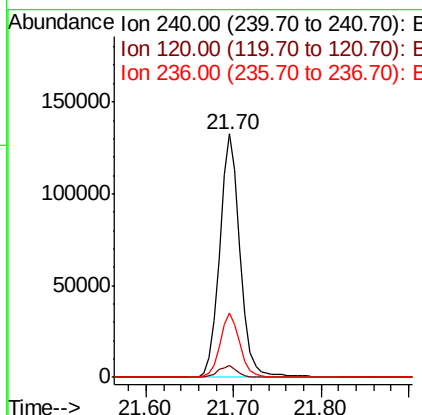
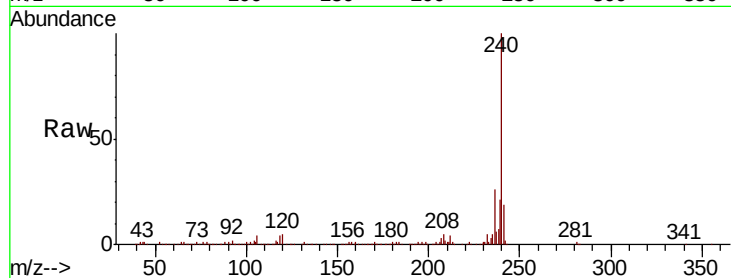




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

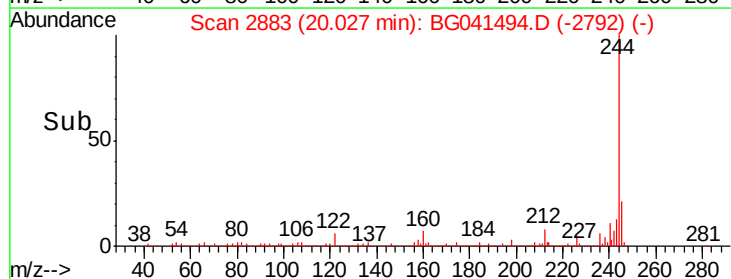
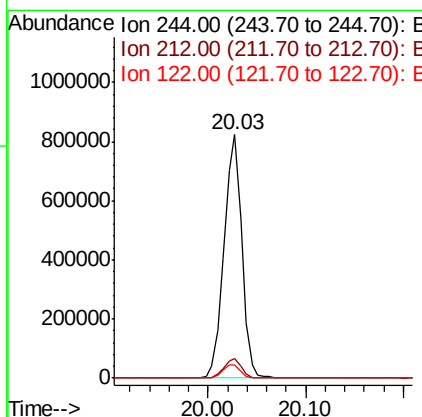
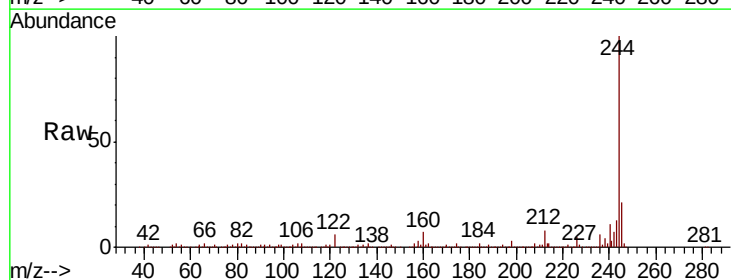
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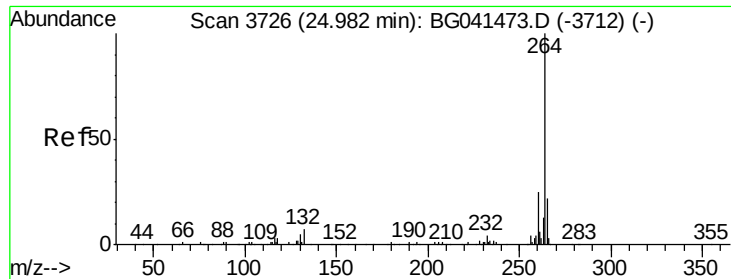
Tot Ion:240 Resp: 213210
Ion Ratio Lower Upper
240 100
120 4.7 3.7 5.5
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 103.459 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Tgt Ion:244 Resp: 1038010
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.4
122 5.7 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: BG041494.D
 Acq: 27 Jun 2019 18:57

Instrument :
 BNA_G
 ClientSampleId :
 M-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.7	29.5
265	21.4	17.4	26.2

