

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
 Data File : BG041542.D
 Acq On : 29 Jun 2019 12:21
 Operator : HP/JU
 Sample : K3555-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-18

Quant Time: Jun 30 01:11:14 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

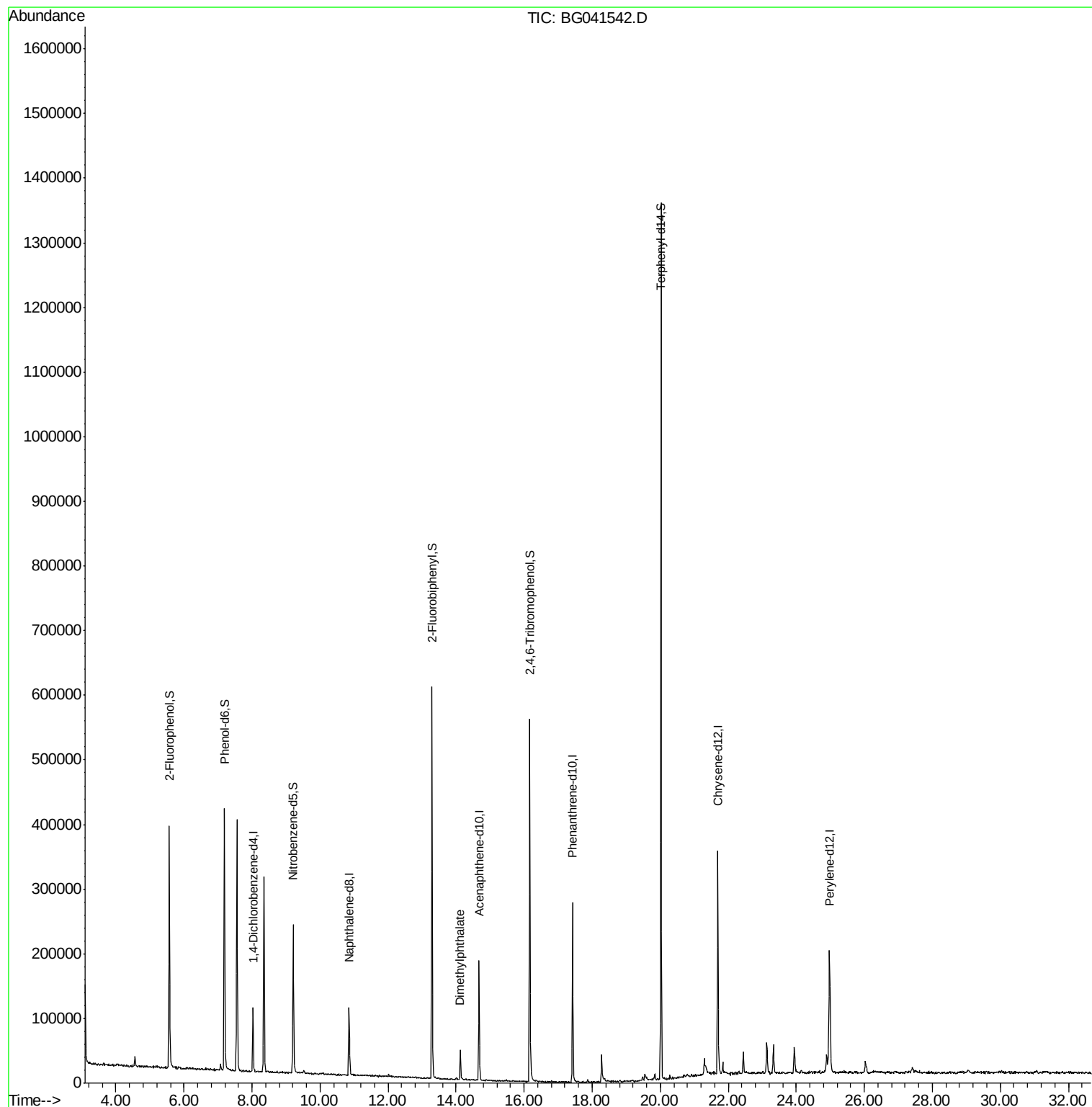
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26198	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89382	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64132	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	178064	20.00	ng	0.00
76) Chrysene-d12	21.69	240	215653	20.00	ng	0.00
87) Perylene-d12	24.98	264	233354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	154001	104.80	ng	0.00
7) Phenol-d6	7.19	99	212743	102.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	146467	68.34	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	118620	108.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	313838	62.80	ng	0.00
79) Terphenyl-d14	20.02	244	678165	66.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	38073	6.524	ng	Qvalue 100

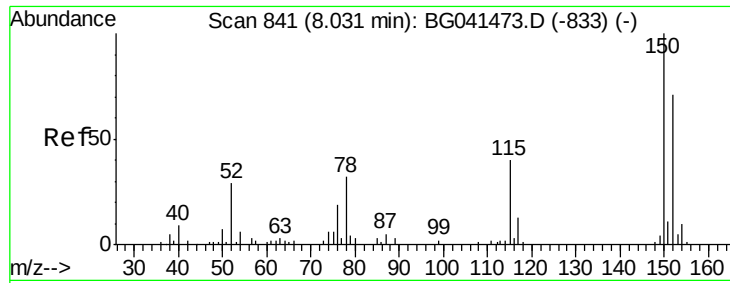
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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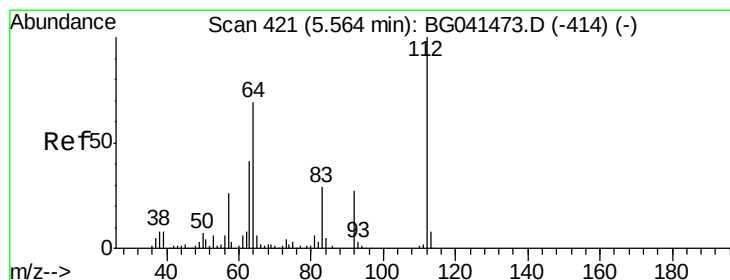
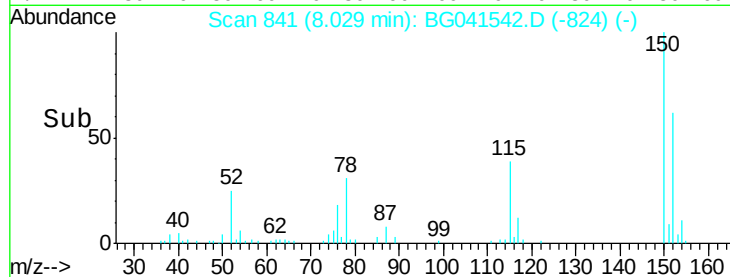
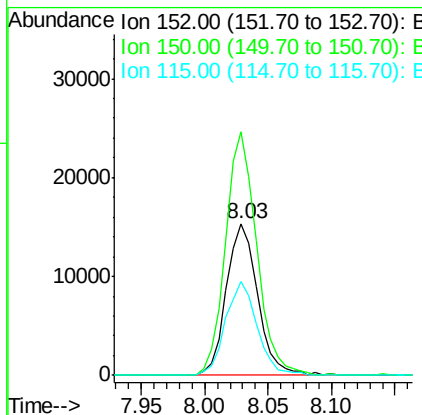
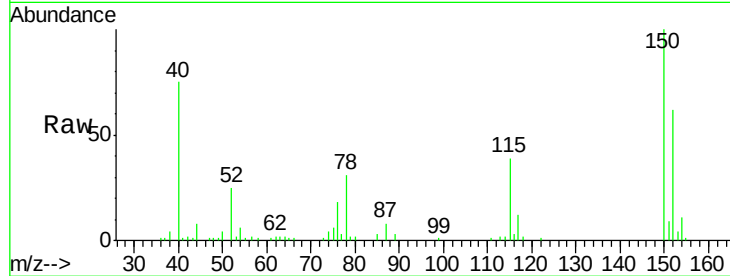


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041542.D
Acq: 29 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
SAMPLE-18

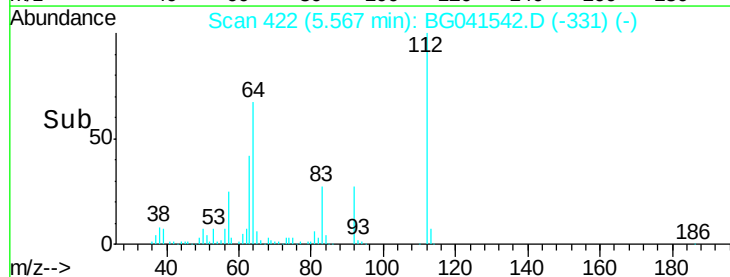
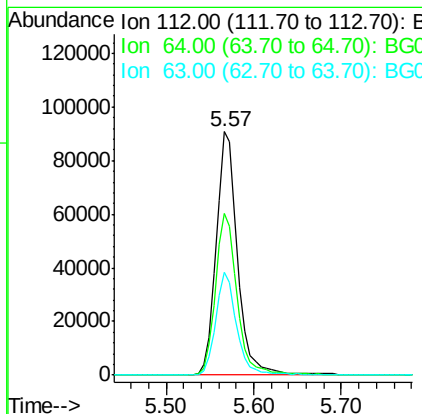
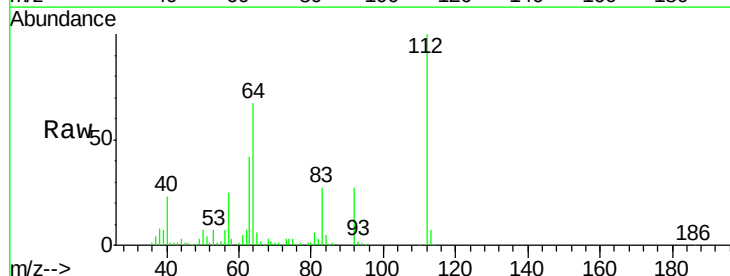
Tgt Ion:152 Resp: 26198
Ion Ratio Lower Upper
152 100
150 160.7 112.4 168.6
115 62.3 44.6 66.8

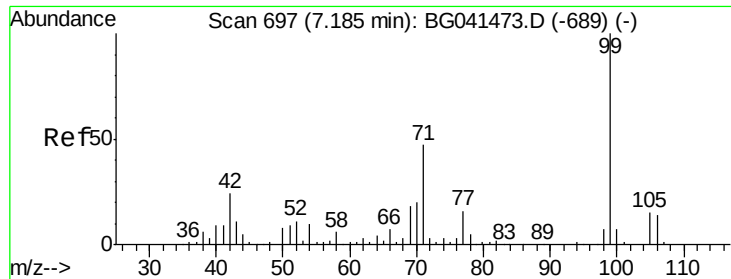


#5

2-Fluorophenol
Concen: 104.802 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041542.D
Acq: 29 Jun 2019 12:21

Tgt Ion:112 Resp: 154001
Ion Ratio Lower Upper
112 100
64 66.6 55.1 82.7
63 42.2 32.4 48.6





#7

Phenol-d6

Concen: 102.844 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041542.D

Acq: 29 Jun 2019 12:21

Instrument :

BNA_G

ClientSampleId :

SAMPLE-18

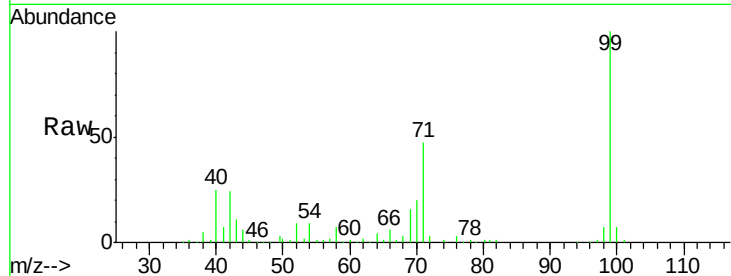
Tgt Ion: 99 Resp: 212743

Ion Ratio Lower Upper

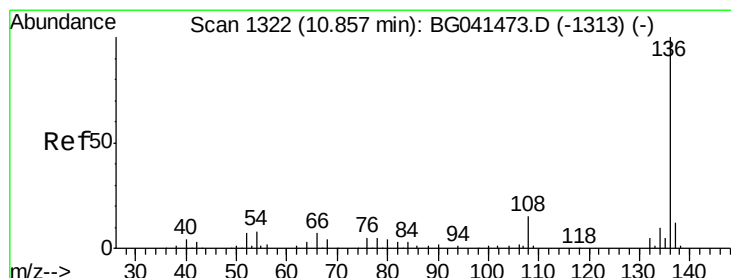
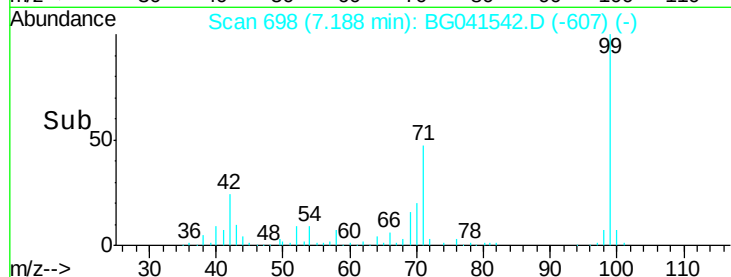
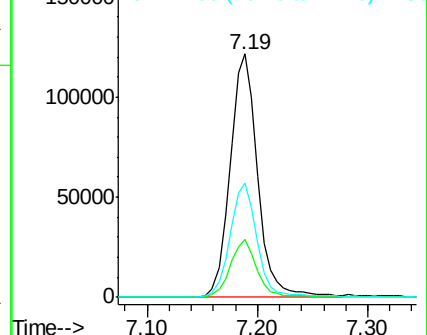
99 100

42 23.9 19.0 28.6

71 47.1 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# 1322

Delta R.T. -0.00 min

Lab File: BG041542.D

Acq: 29 Jun 2019 12:21

Tgt Ion: 136 Resp: 89382

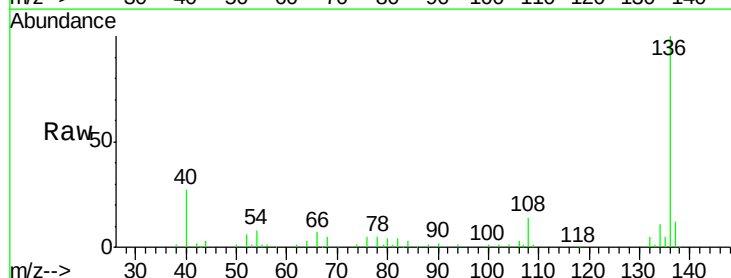
Ion Ratio Lower Upper

136 100

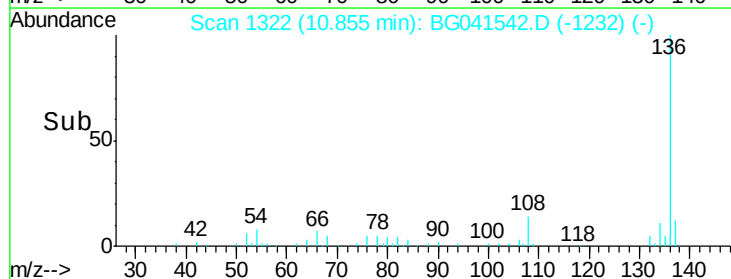
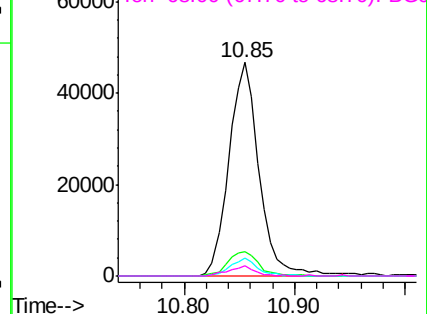
137 11.7 9.3 13.9

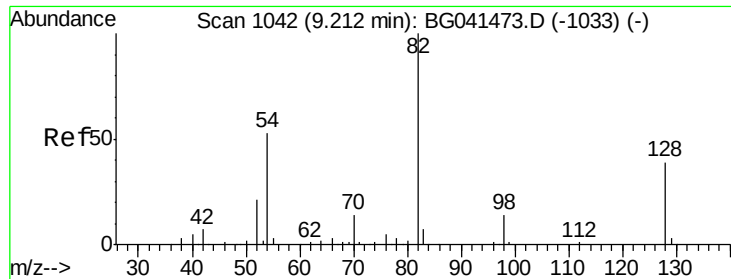
54 8.3 7.1 10.7

68 4.5 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

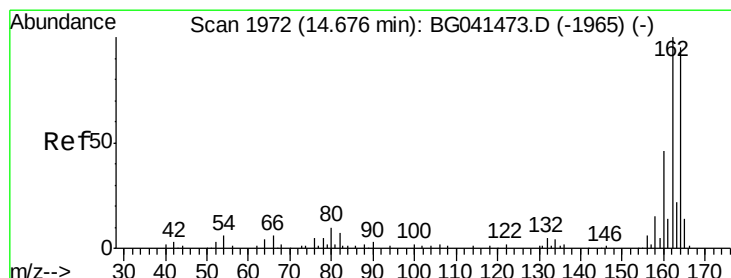
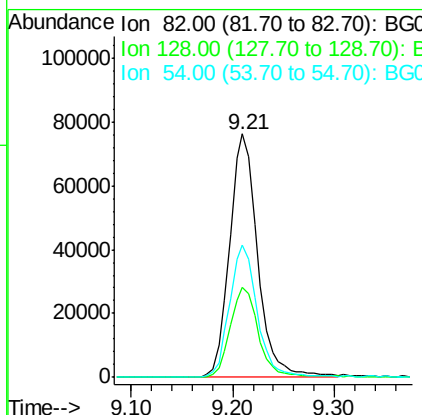
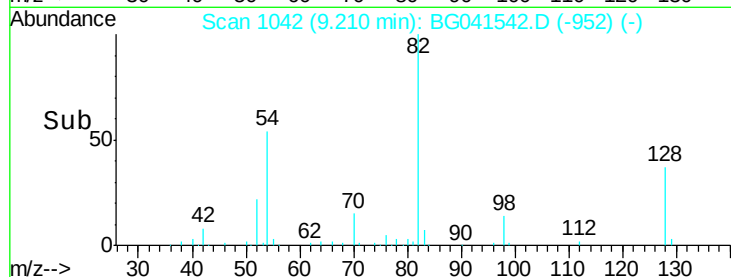
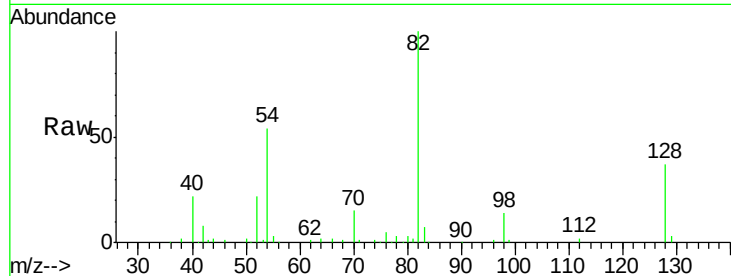




#23
 Nitrobenzene-d5
 Concen: 68.344 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041542.D
 Acq: 29 Jun 2019 12:21

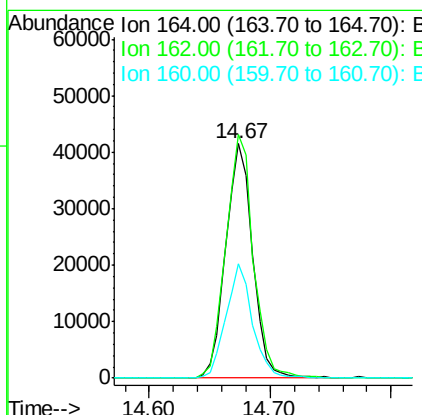
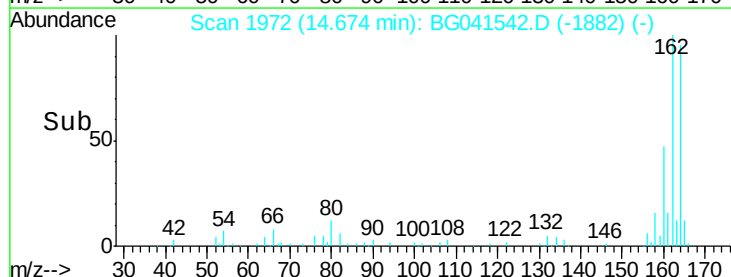
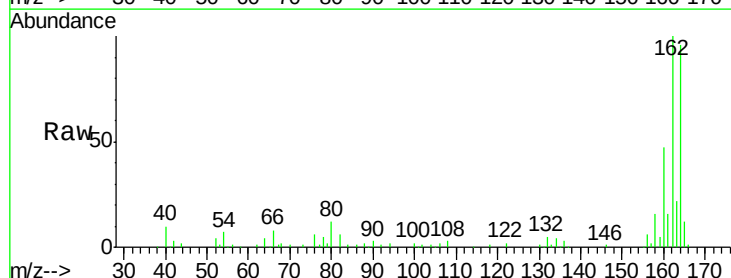
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-18

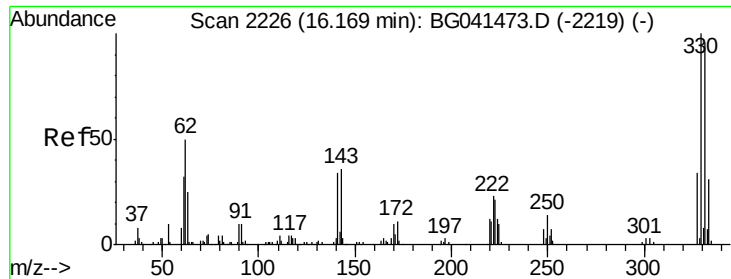
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.9	46.3
54	54.1	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041542.D
 Acq: 29 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.4	126.6
160	48.9	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 108.328 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041542.D

Acq: 29 Jun 2019 12:21

Instrument :

BNA_G

ClientSampleId :

SAMPLE-18

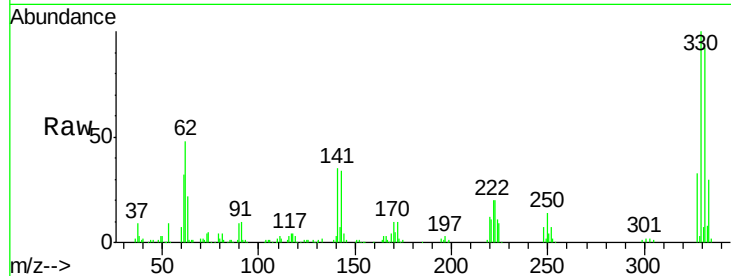
Tgt Ion:330 Resp: 118620

Ion Ratio Lower Upper

330 100

332 94.5 75.5 113.3

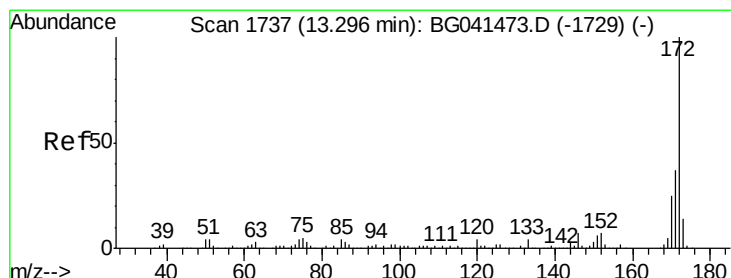
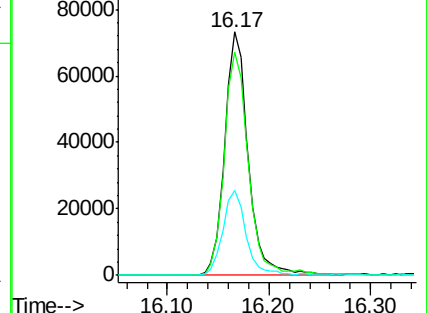
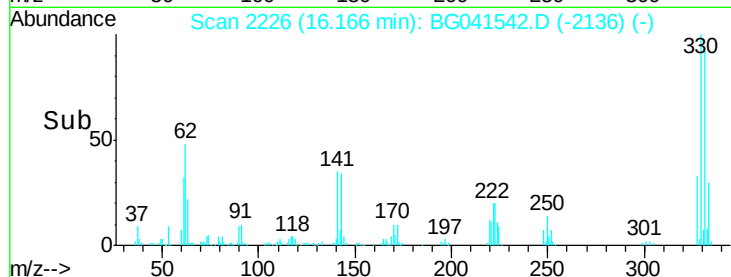
141 34.6 27.8 41.6



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: 62.798 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041542.D

Acq: 29 Jun 2019 12:21

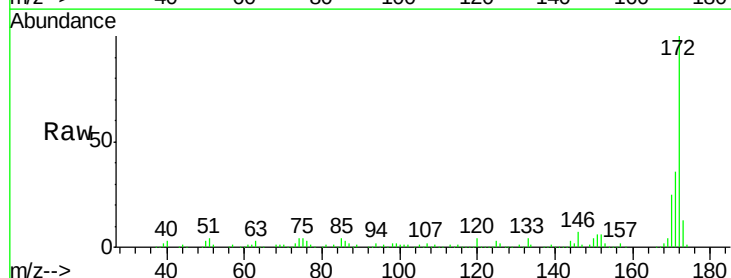
Tgt Ion:172 Resp: 313838

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

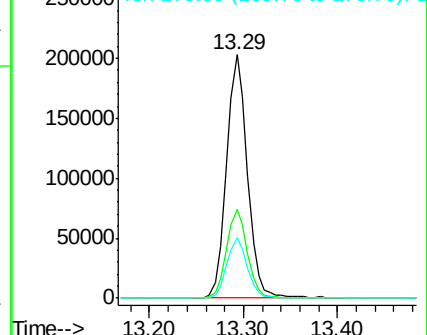
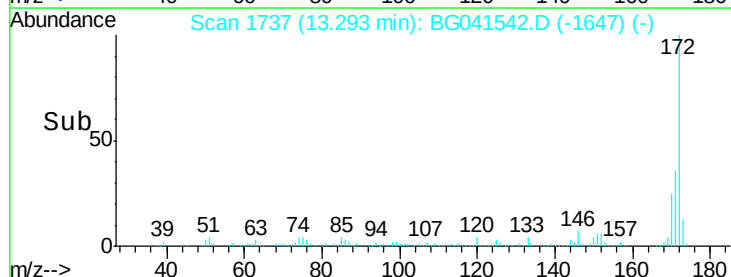
170 24.8 20.0 30.0

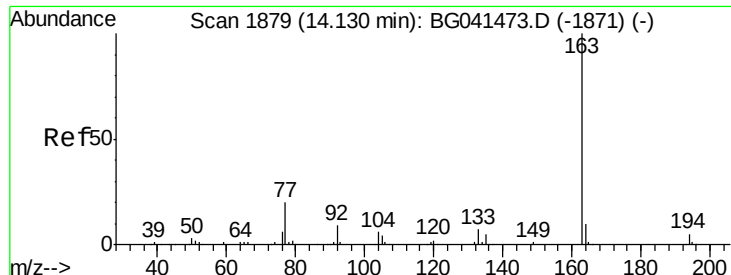


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.524 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041542.D

Acq: 29 Jun 2019 12:21

Instrument :

BNA_G

ClientSampled :

SAMPLE-18

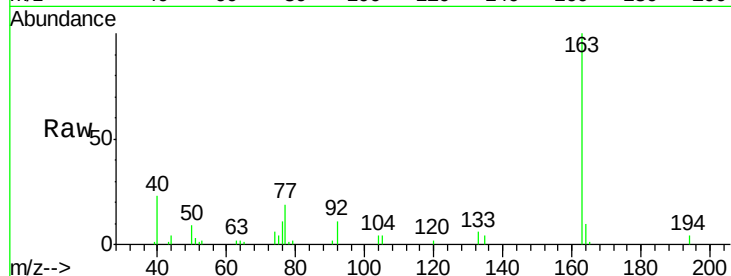
Tgt Ion:163 Resp: 38073

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

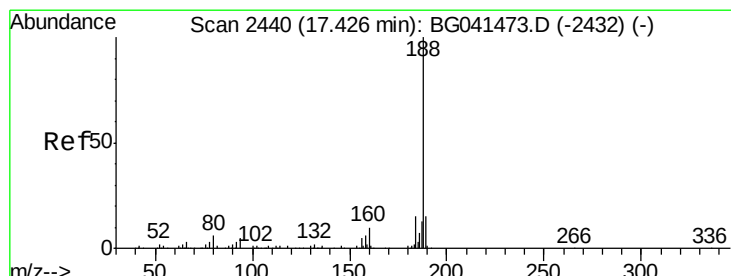
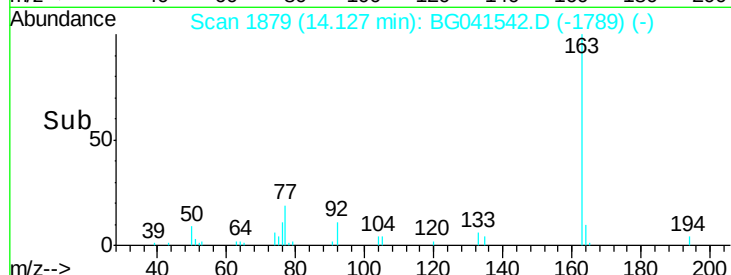
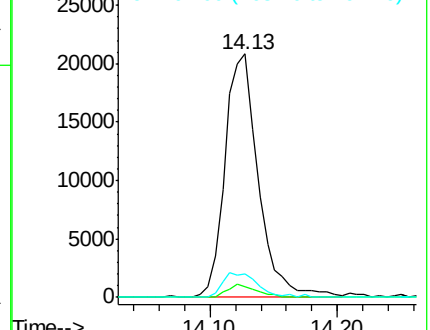
164 9.7 7.8 11.6



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: BG041542.D

Acq: 29 Jun 2019 12:21

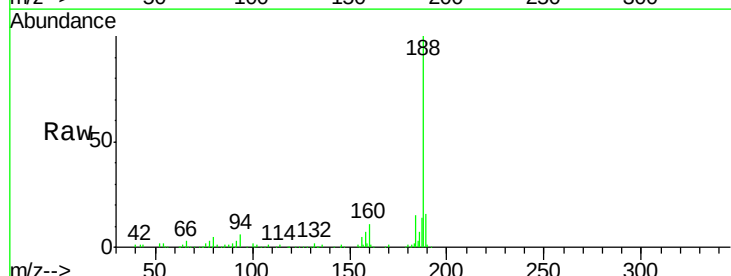
Tgt Ion:188 Resp: 178064

Ion Ratio Lower Upper

188 100

94 5.5 3.8 5.8

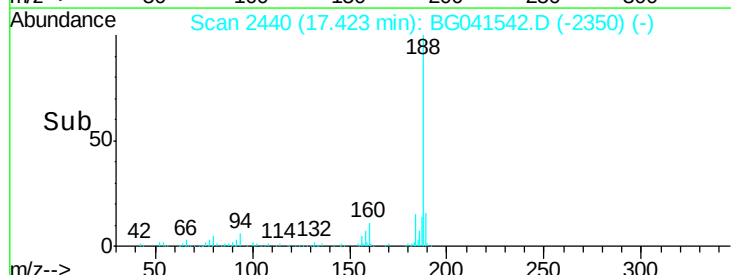
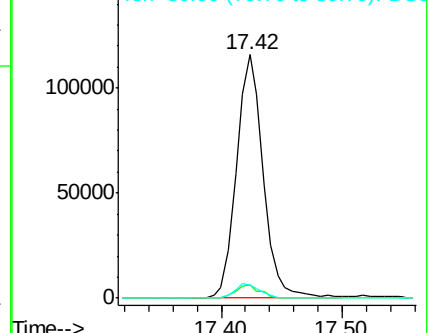
80 5.3 4.8 7.2

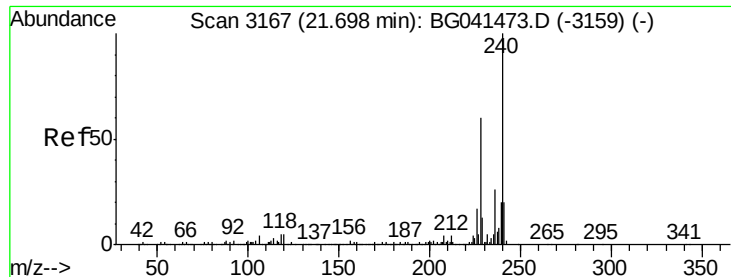


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

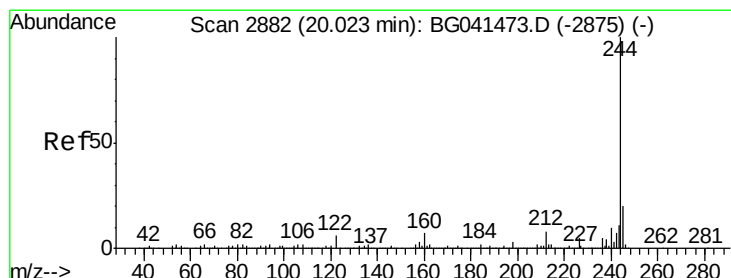
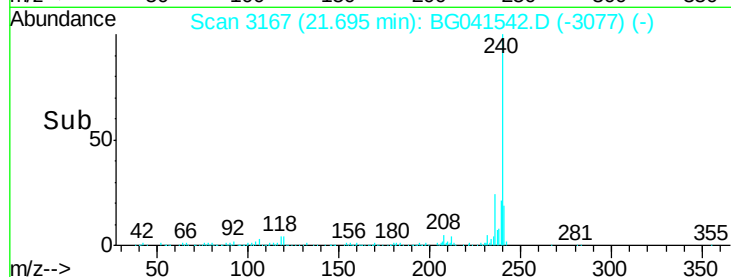
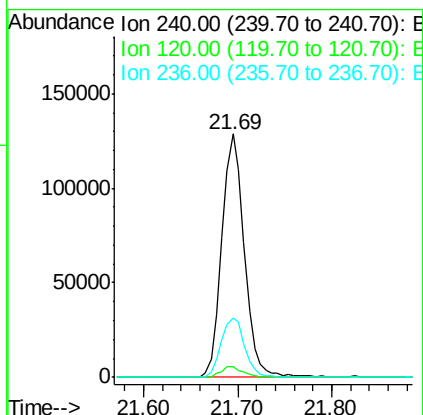
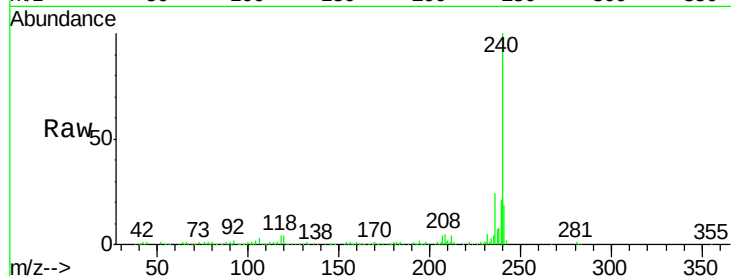




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041542.D
 Acq: 29 Jun 2019 12:21

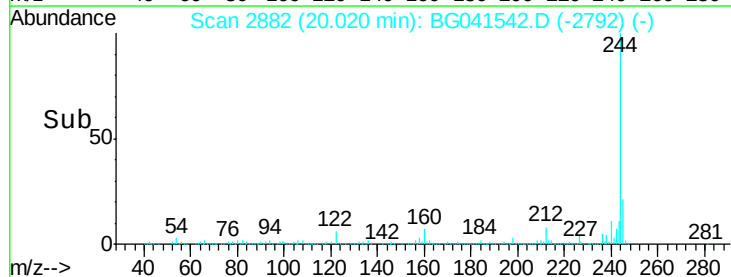
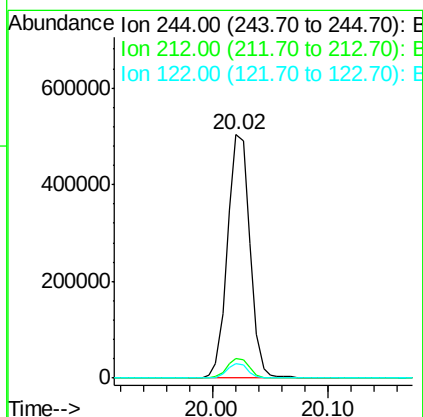
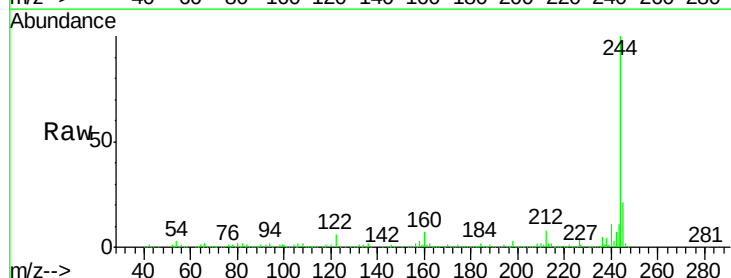
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-18

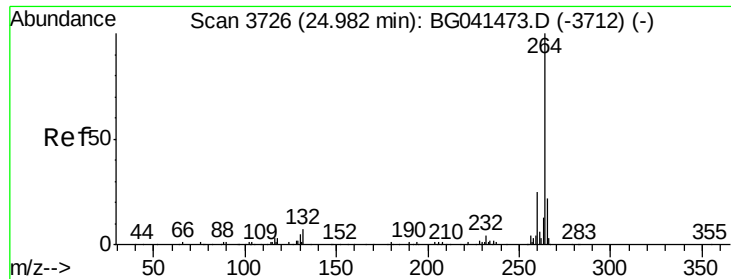
Tgt Ion:240 Resp: 215653
 Ion Ratio Lower Upper
 240 100
 120 4.3 3.7 5.5
 236 24.4 20.8 31.2



#79
 Terphenyl-d14
 Concen: 66.828 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041542.D
 Acq: 29 Jun 2019 12:21

Tgt Ion:244 Resp: 678165
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 5.8 4.8 7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041542.D
Acq: 29 Jun 2019 12:21

Instrument :
BNA_G
ClientSampleId :
SAMPLE-18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	20.5	17.4	26.2

