

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042761.D
 Acq On : 6 Sep 2019 23:42
 Operator : HP/JU
 Sample : K4716-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20-D

Quant Time: Sep 07 02:10:00 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

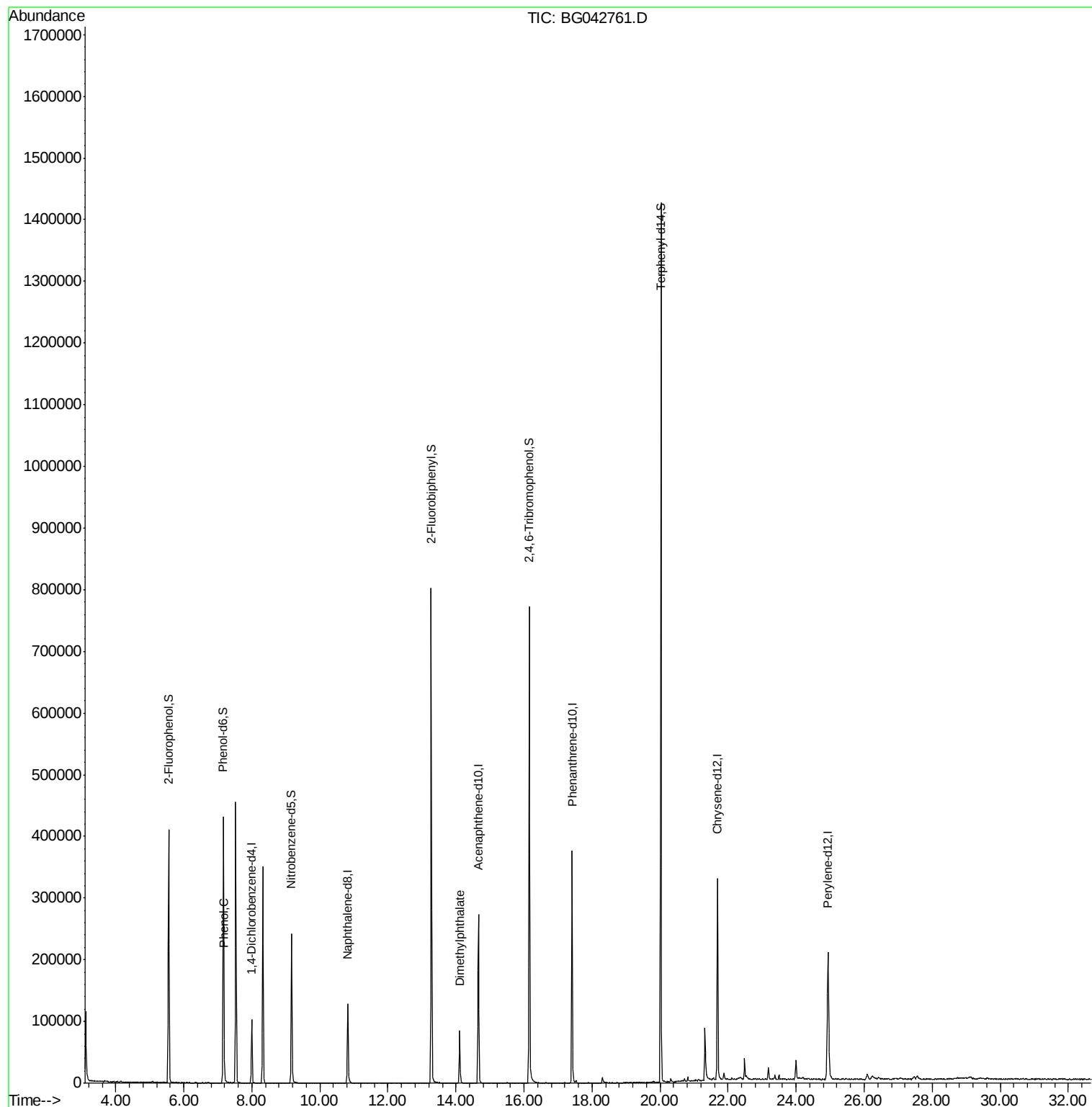
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35086	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143914	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	117184	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	280038	20.00	ng	0.00
76) Chrysene-d12	21.69	240	225663	20.00	ng	0.00
87) Perylene-d12	24.94	264	269047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	207064	119.52	ng	0.00
7) Phenol-d6	7.16	99	286010	122.22	ng	0.00
23) Nitrobenzene-d5	9.17	82	155465	74.65	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	209089	125.54	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	501526	72.38	ng	0.00
79) Terphenyl-d14	20.02	244	805645	77.18	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6410	2.694	ng	Qvalue # 59
50) Dimethylphthalate	14.11	163	80127	9.477	ng	99

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

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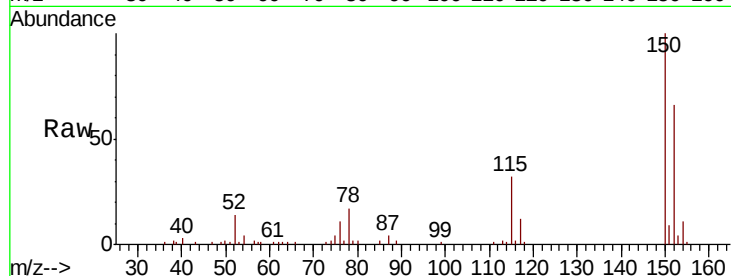


#1

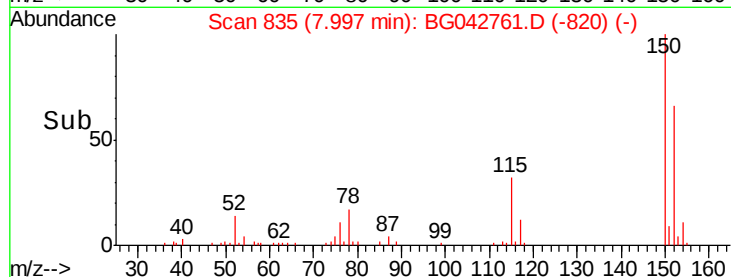
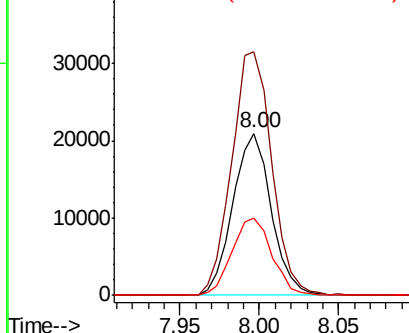
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Instrument :
BNA_G
ClientSampleId :
TP-20-D

Tot Ion:152 Resp: 35086
Ion Ratio Lower Upper
152 100
150 150.4 125.4 188.0
115 47.6 38.5 57.7



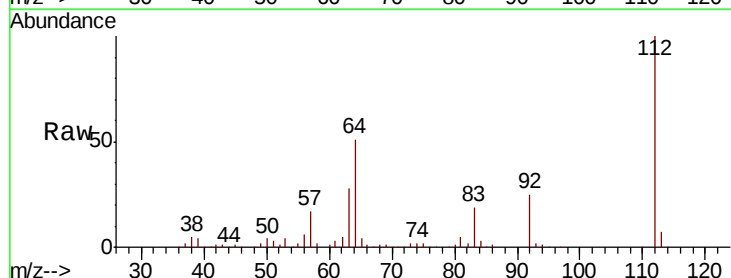
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



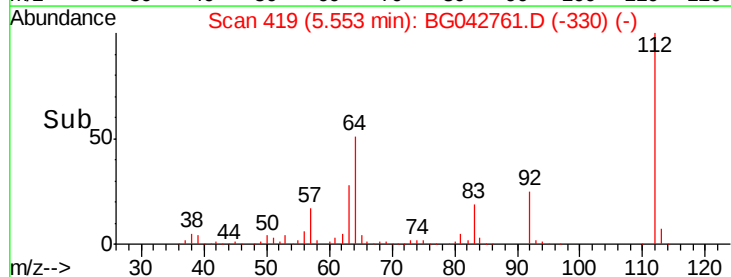
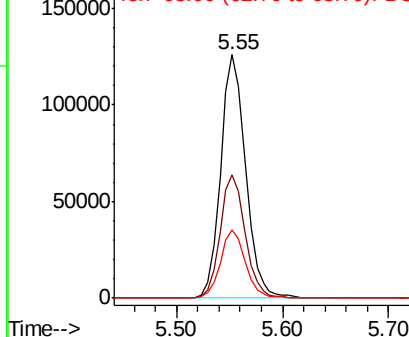
#5

2-Fluorophenol
Concen: 119.525 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Tgt Ion:112 Resp: 207064
Ion Ratio Lower Upper
112 100
64 50.8 42.8 64.2
63 28.2 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: 122.223 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Instrument :

BNA_G

ClientSampleId :

TP-20-D

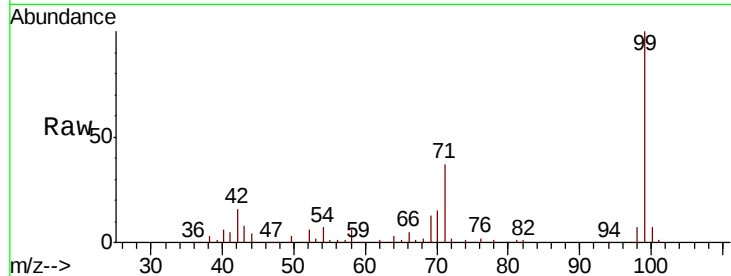
Tot Ion: 99 Resp: 286010

Ion Ratio Lower Upper

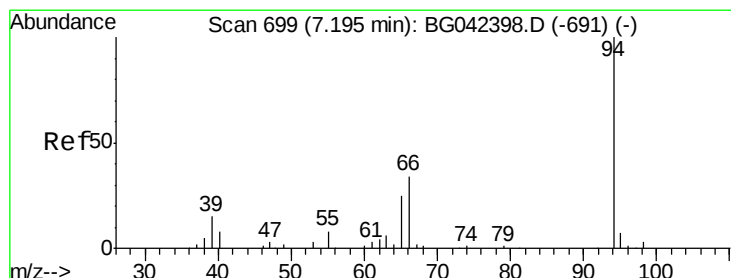
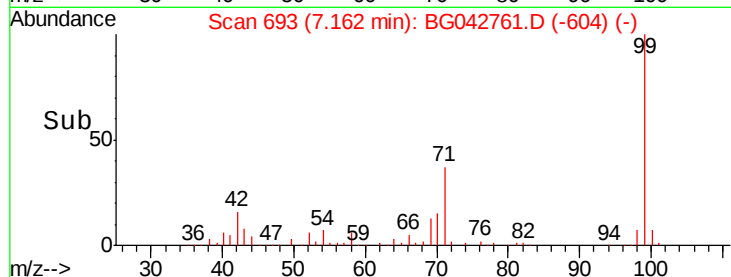
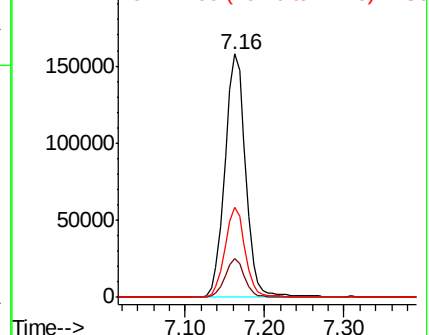
99 100

42 15.7 12.0 18.0

71 37.1 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



#10

Phenol

Concen: 2.694 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

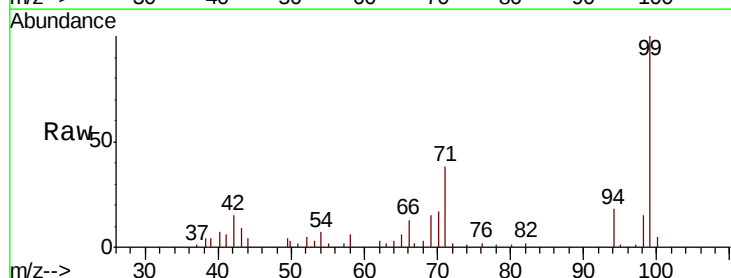
Tgt Ion: 94 Resp: 6410

Ion Ratio Lower Upper

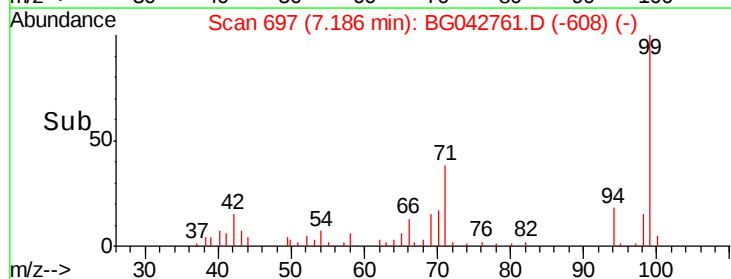
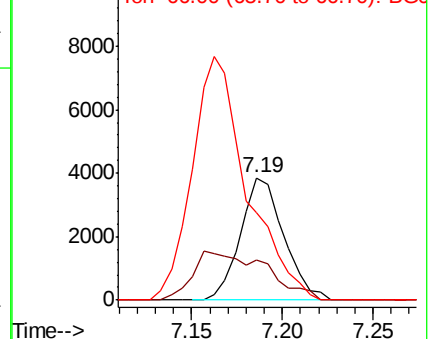
94 100

65 33.0 5.6 45.6

66 71.3 16.0 56.0#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

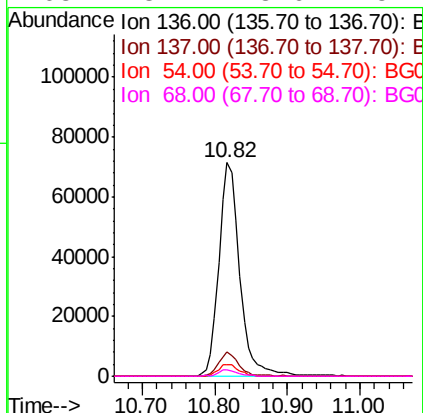
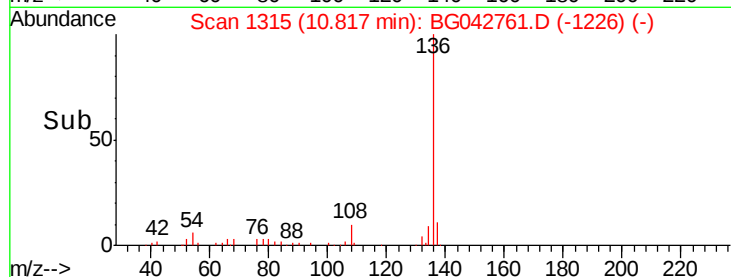
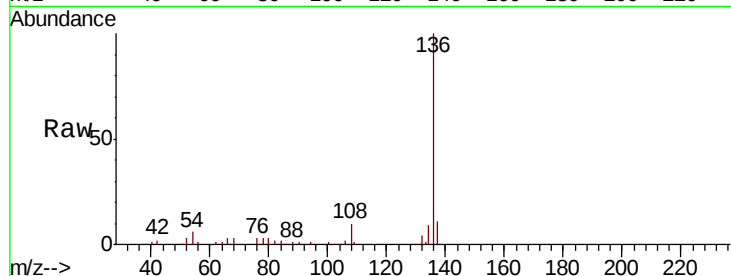




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

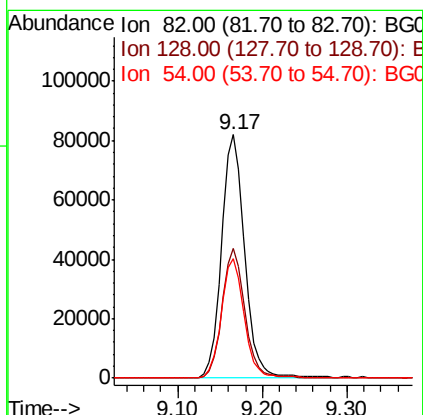
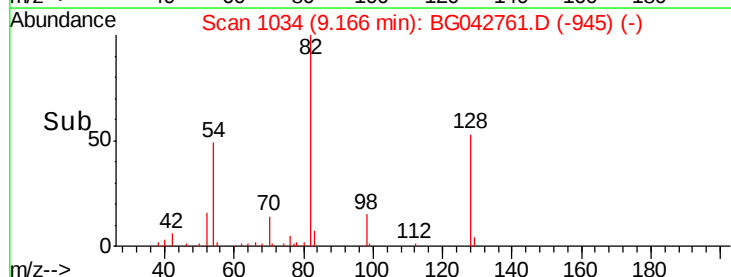
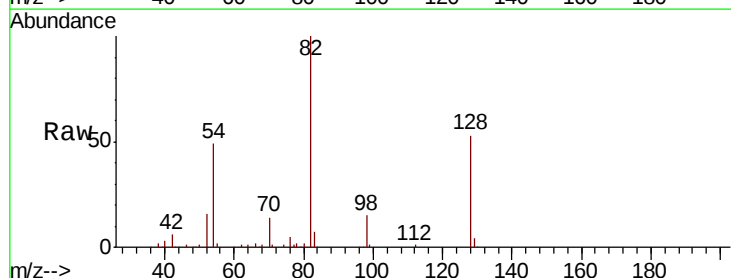
Instrument :
BNA_G
ClientSampleId :
TP-20-D

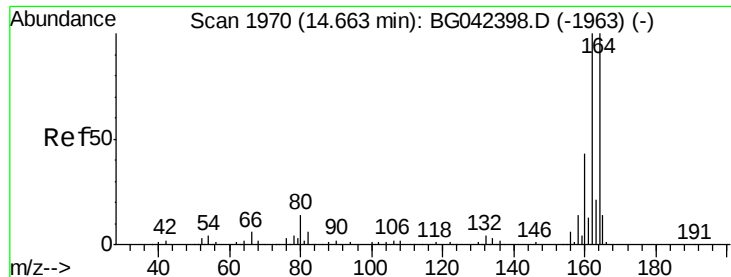
Tot Ion:136	Resp:	143914
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.7	13.1
54 5.7	4.9	7.3
68 3.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 74.650 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Tgt	Ion: 82	Resp:	155465
Ion	Ratio	Lower	Upper
82	100		
128	53.1	40.7	61.1
54	48.8	36.3	54.5

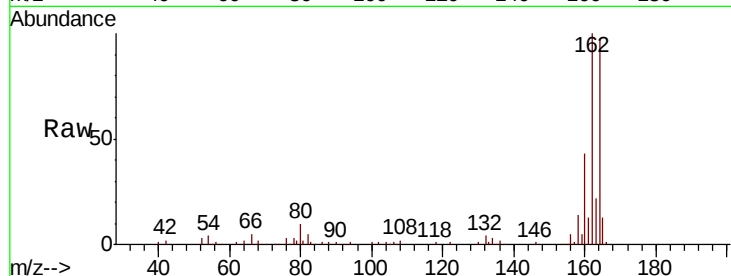




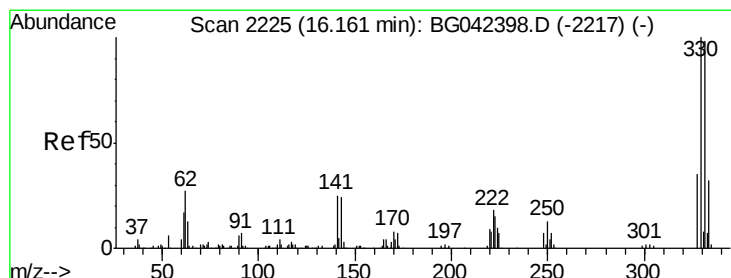
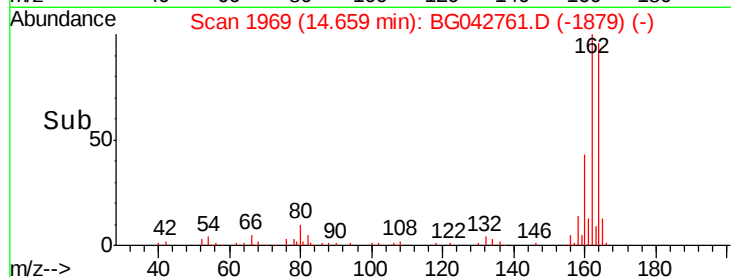
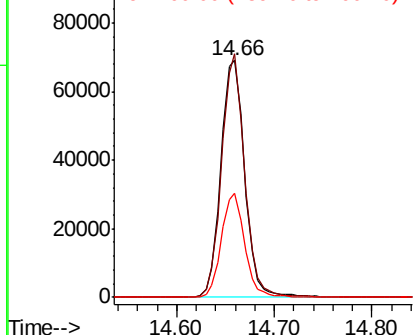
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Instrument :
BNA_G
ClientSampleId :
TP-20-D

Tot Ion:164 Resp: 117184
Ion Ratio Lower Upper
164 100
162 102.9 79.9 119.9
160 43.9 34.3 51.5

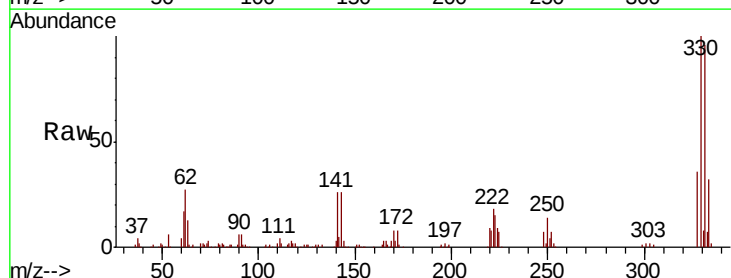


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

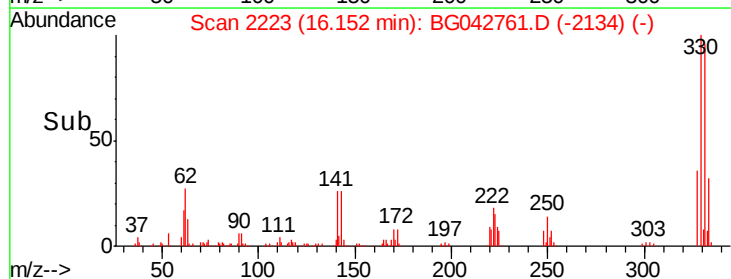
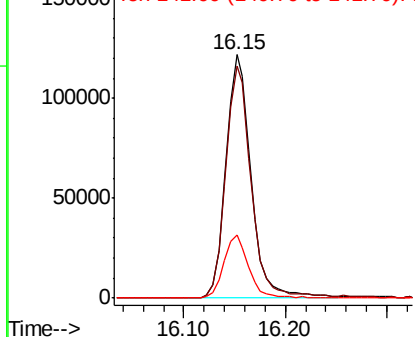


#42
2,4,6-Tribromophenol
Concen: 125.535 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Tgt Ion:330 Resp: 209089
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 25.9 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

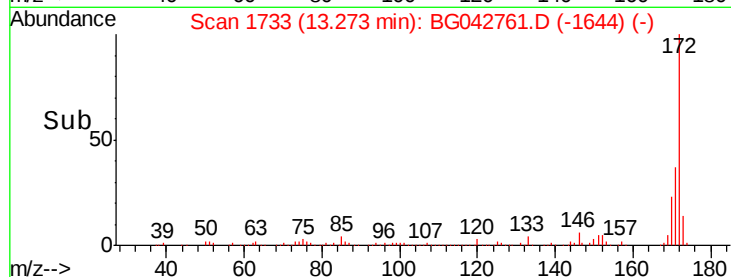
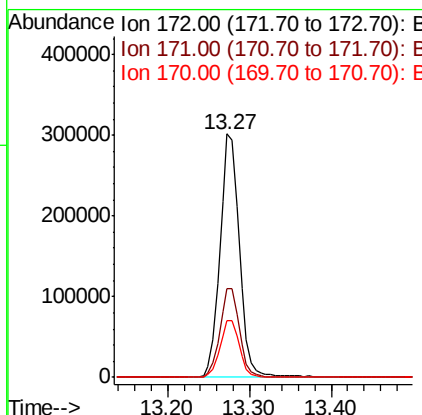
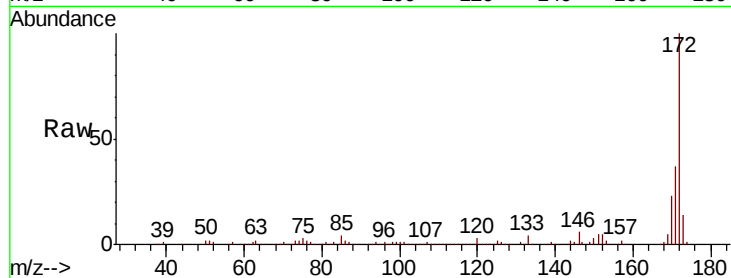




#45
 2-Fluorobiphenyl
 Concen: 72.384 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042761.D
 Acq: 6 Sep 2019 23:42

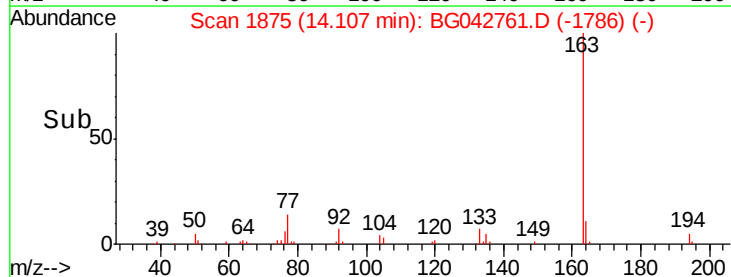
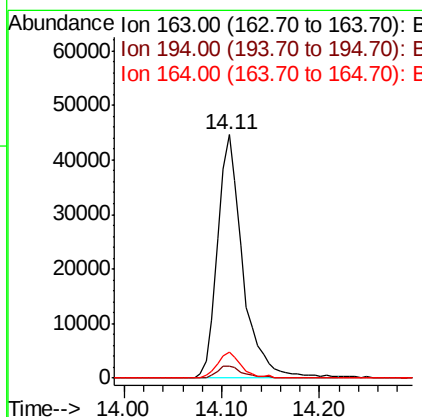
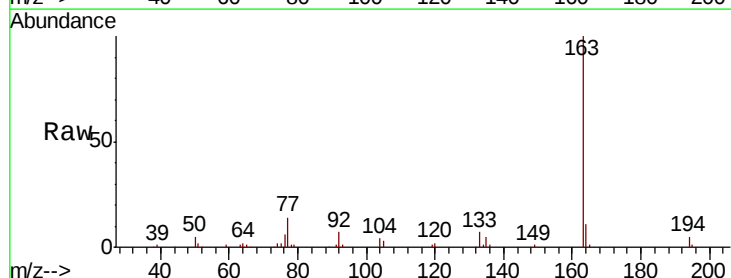
Instrument :
 BNA_G
 ClientSampleId :
 TP-20-D

Tot Ion:172 Resp: 501526
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 23.1 20.2 30.2



#50
 Dimethylphthalate
 Concen: 9.477 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042761.D
 Acq: 6 Sep 2019 23:42

Tgt Ion:163 Resp: 80127
 Ion Ratio Lower Upper
 163 100
 194 5.0 4.2 6.2
 164 10.8 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Instrument :

BNA_G

ClientSampleId :

TP-20-D

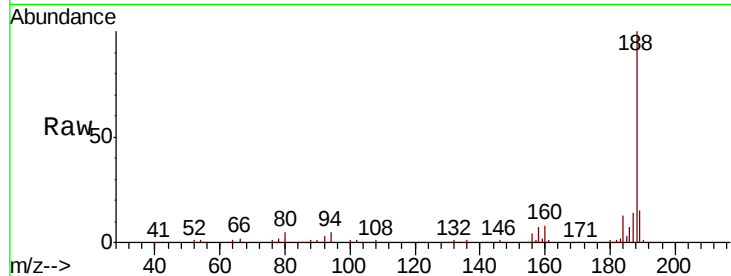
Tot Ion:188 Resp: 280038

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

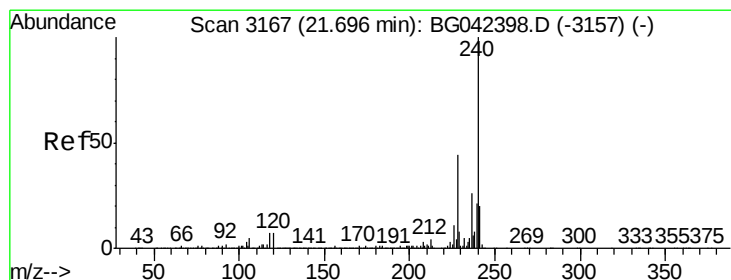
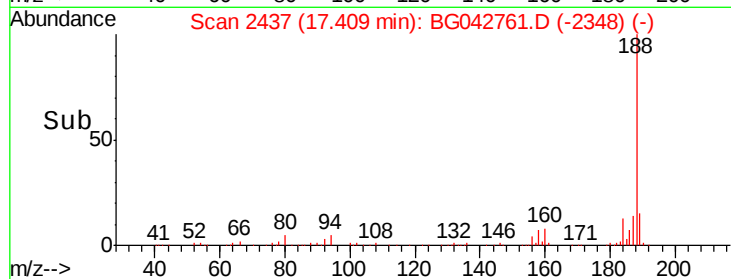
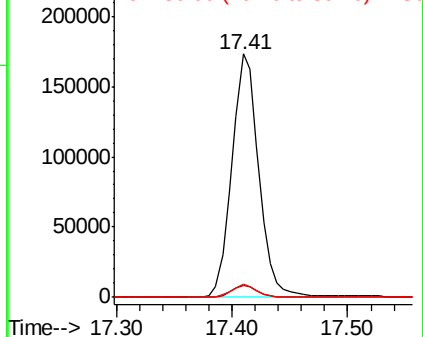
80 5.3 4.9 7.3



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: BG042761.D

Acq: 6 Sep 2019 23:42

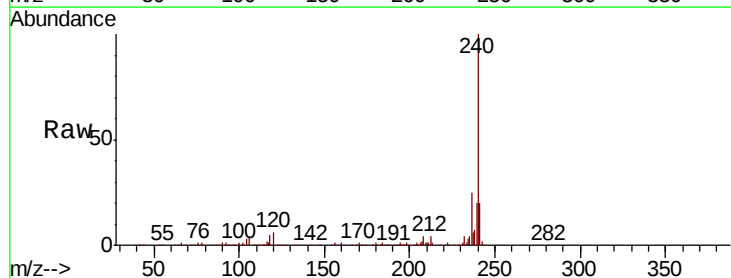
Tgt Ion:240 Resp: 225663

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

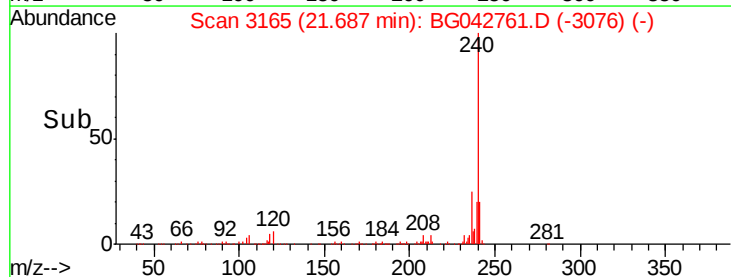
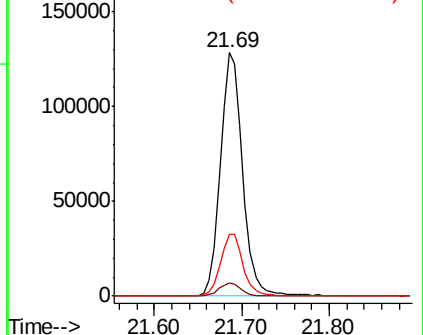
236 25.5 21.0 31.4



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: 77.183 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Instrument :

BNA_G

ClientSampleId :

TP-20-D

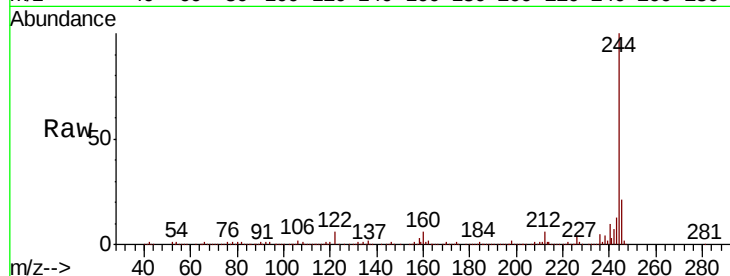
Tot Ion:244 Resp: 805645

Ion Ratio Lower Upper

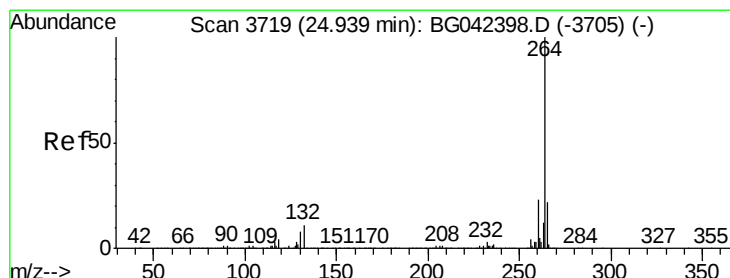
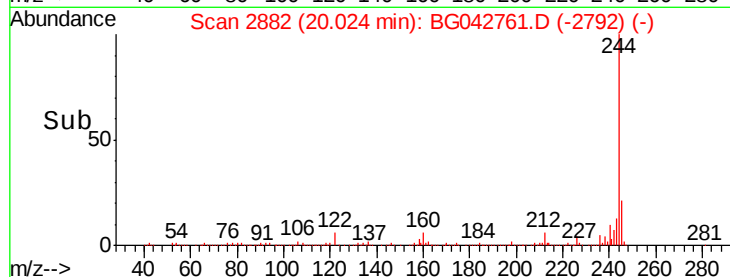
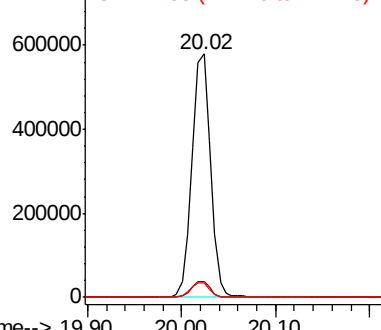
244 100

212 6.4 6.0 9.0

122 5.9 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

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

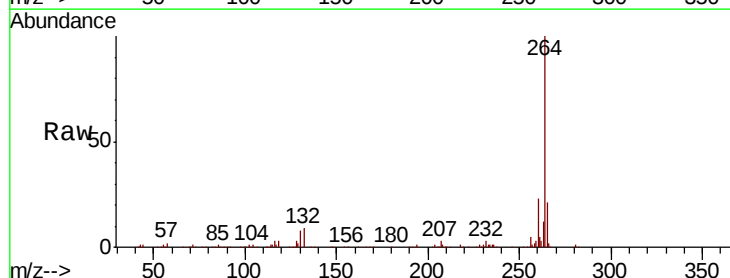
Tgt Ion:264 Resp: 269047

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 20.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

