

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043261.D
 Acq On : 17 Oct 2019 1:23
 Operator : JU
 Sample : K5352-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20A-D

Quant Time: Oct 17 03:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

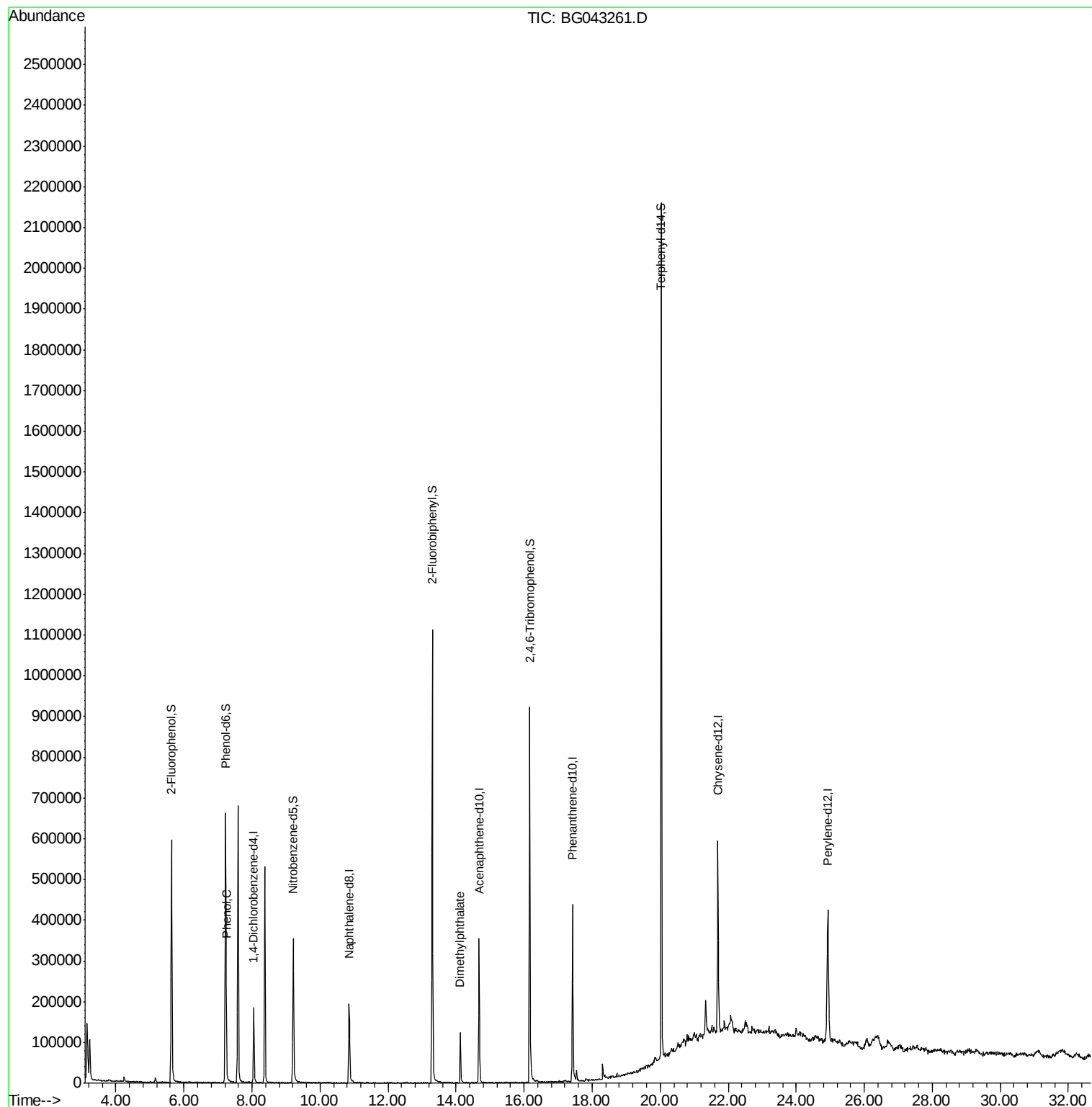
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54295	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195646	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	141564	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	313686	20.00	ng	0.00
76) Chrysene-d12	21.70	240	327696	20.00	ng	0.00
87) Perylene-d12	24.93	264	385096	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	283975	93.34	ng	0.00
7) Phenol-d6	7.22	99	408205	93.17	ng	0.00
23) Nitrobenzene-d5	9.21	82	250654	62.27	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	235045	96.56	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	656703	67.25	ng	0.00
79) Terphenyl-d14	20.03	244	1088268	70.77	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8261	2.055	ng	Qvalue # 63
50) Dimethylphthalate	14.12	163	95871	9.039	ng	97

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

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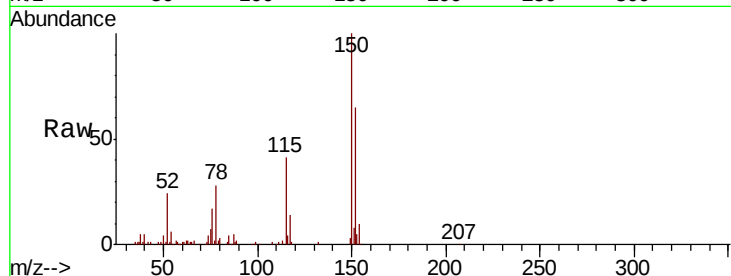


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Instrument :
BNA_G
ClientSampleId :
TP-20A-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	115.0	172.4
115	62.8	47.0	70.6

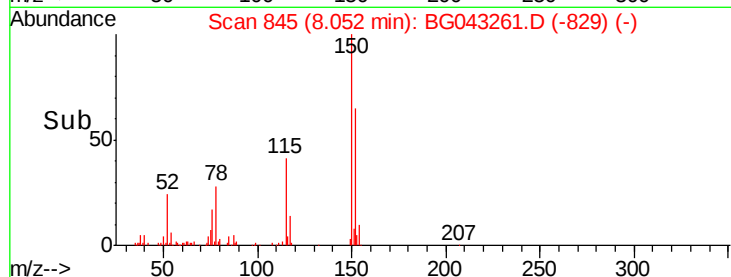
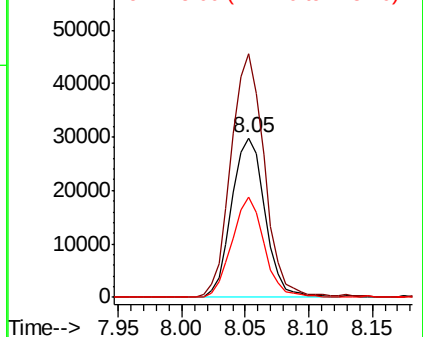


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

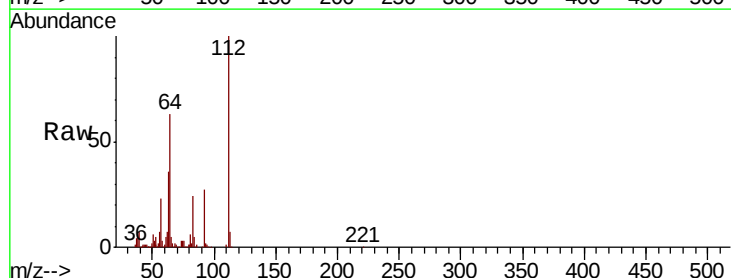
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.340 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.6	84.8
63	36.1	35.1	52.7

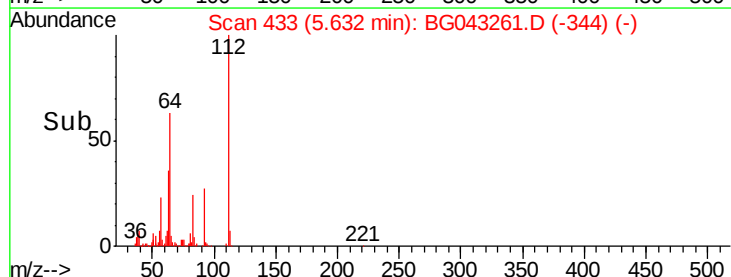
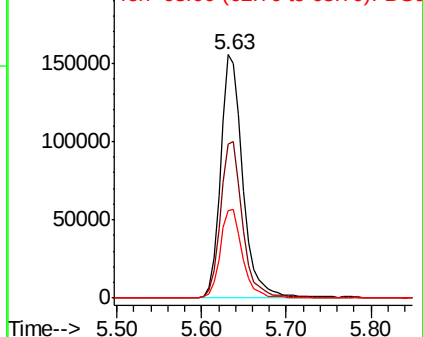


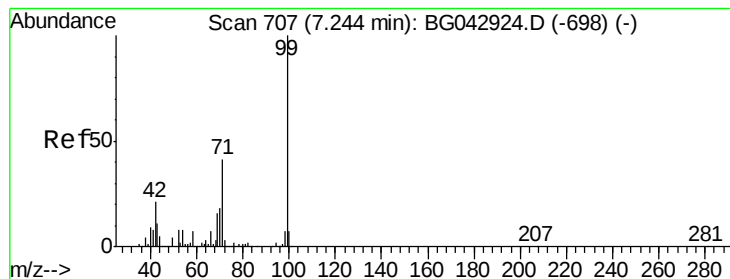
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.172 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

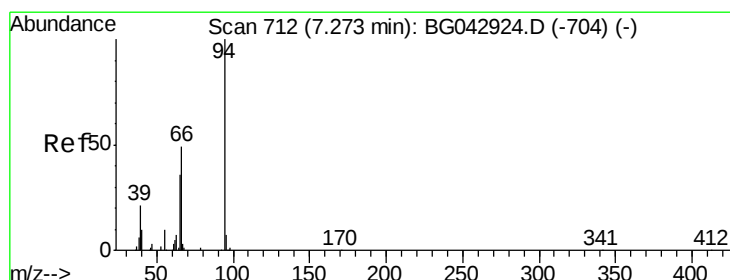
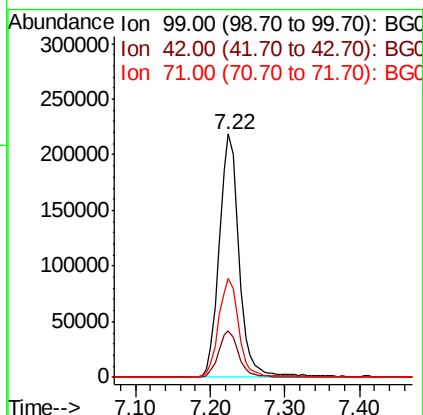
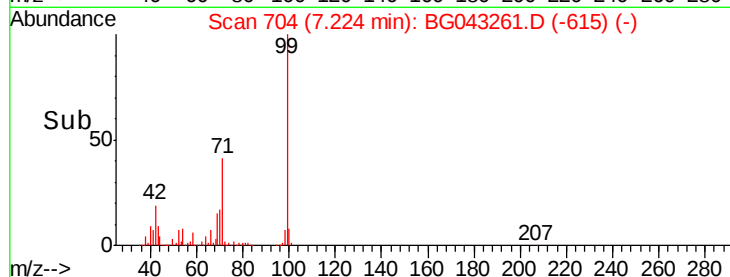
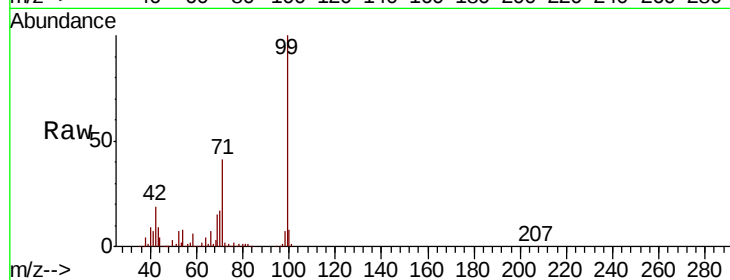
Tot Ion: 99 Resp: 408205

Ion Ratio Lower Upper

99 100

42 19.0 17.2 25.8

71 40.8 33.1 49.7



#10

Phenol

Concen: 2.055 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

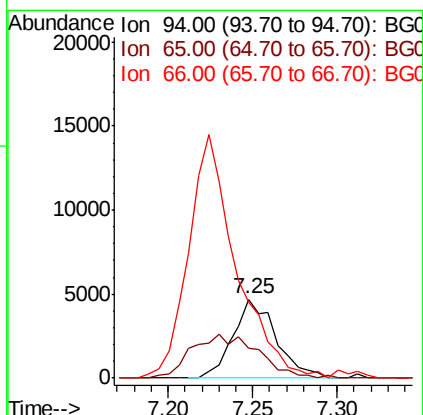
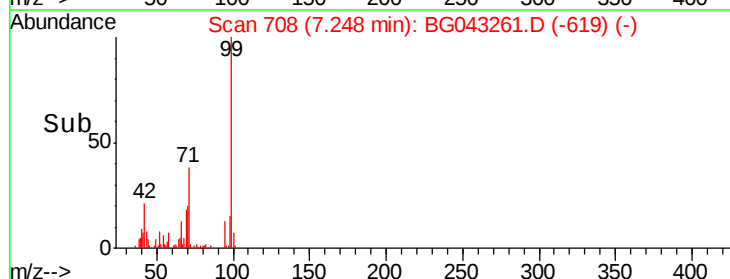
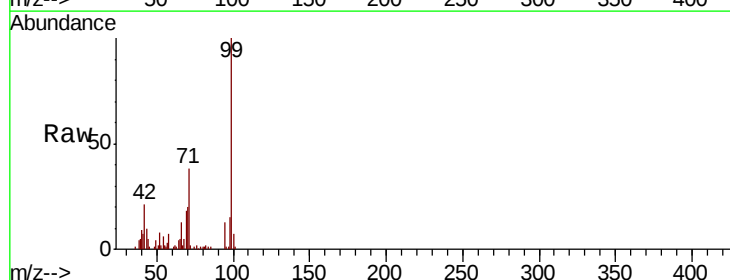
Tgt Ion: 94 Resp: 8261

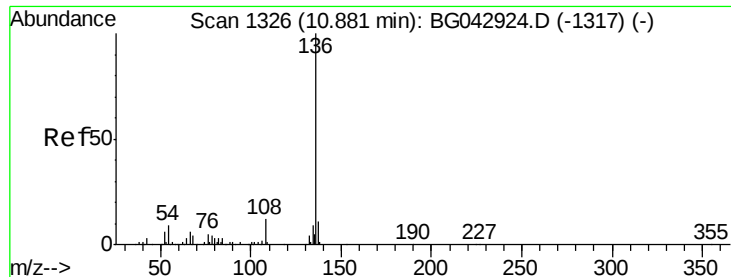
Ion Ratio Lower Upper

94 100

65 37.6 16.6 56.6

66 95.9 32.4 72.4#

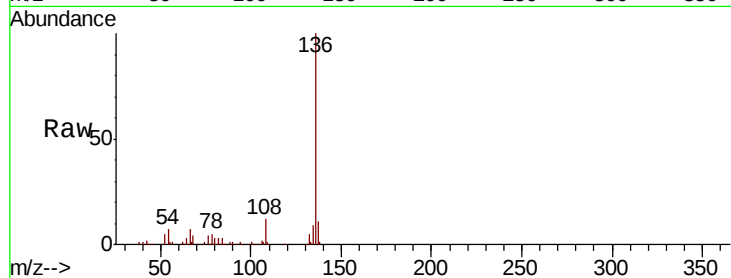




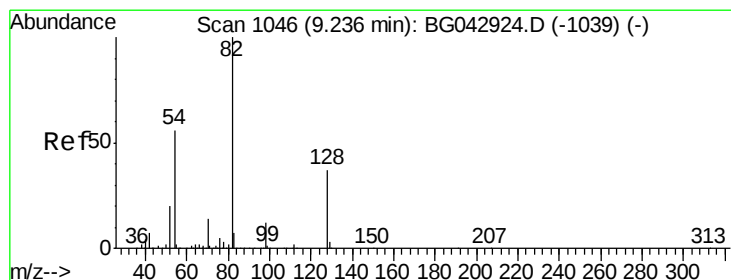
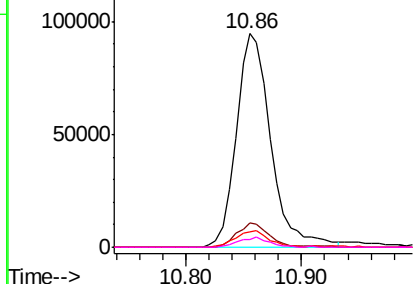
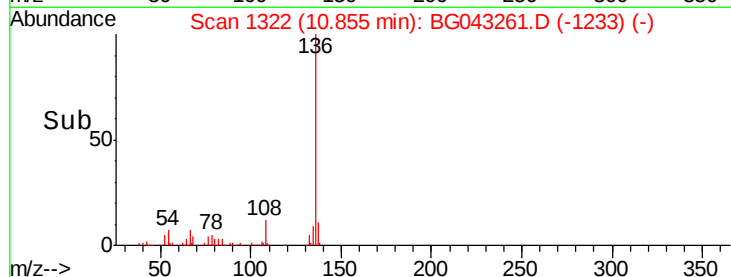
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Instrument :
BNA_G
ClientSampleId :
TP-20A-D

Tot Ion:136	Resp:	195646
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	7.1	7.4 11.2#
68	3.7	3.6 5.4

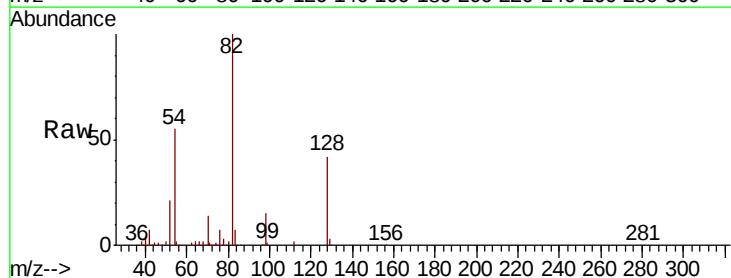


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

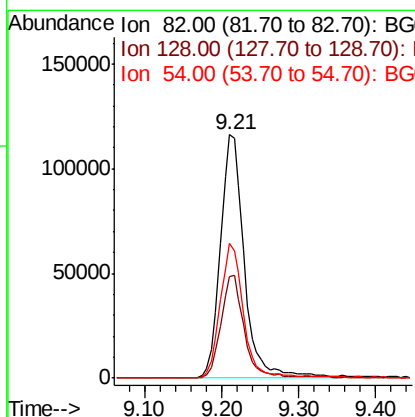
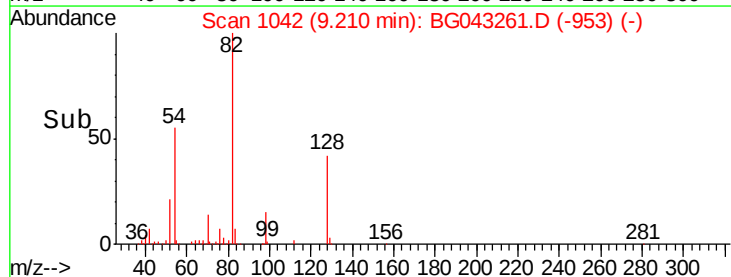


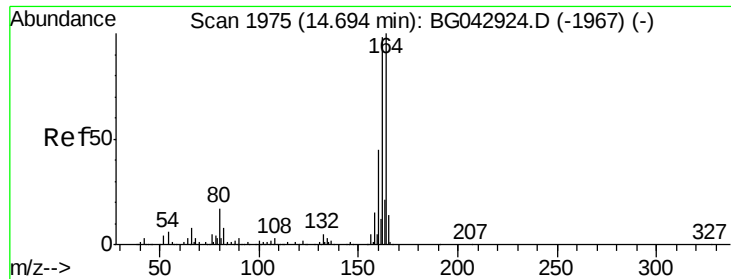
#23
Nitrobenzene-d5
Concen: 62.271 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Tgt Ion: 82	Resp:	250654
Ion Ratio	Lower	Upper
82	100	
128	41.6	29.5 44.3
54	55.4	44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

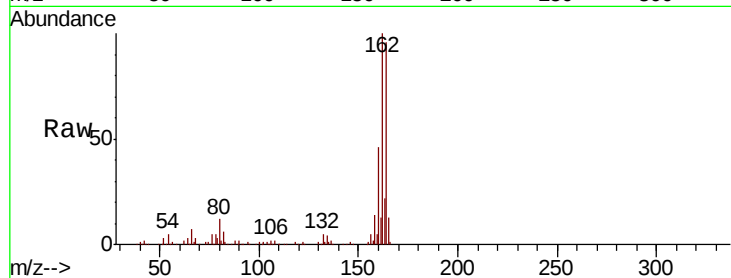
Tot Ion:164 Resp: 141564

Ion Ratio Lower Upper

164 100

162 104.3 78.5 117.7

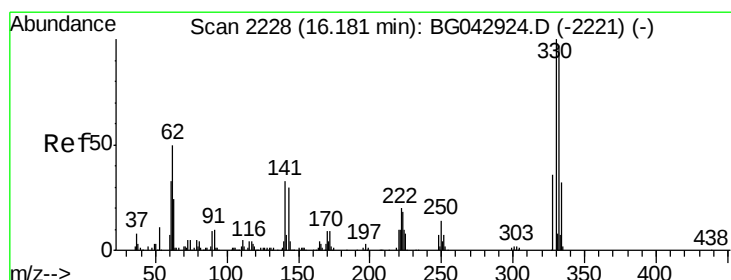
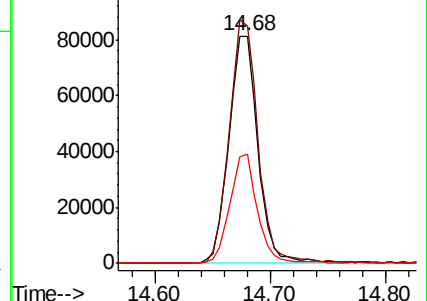
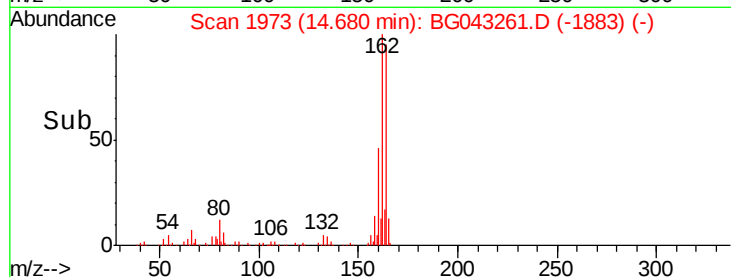
160 48.1 35.9 53.9



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: 96.556 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

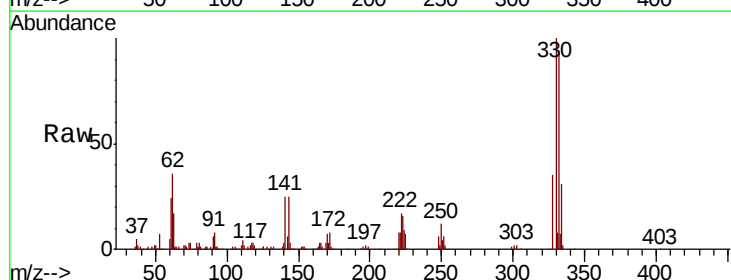
Tgt Ion:330 Resp: 235045

Ion Ratio Lower Upper

330 100

332 95.2 78.2 117.2

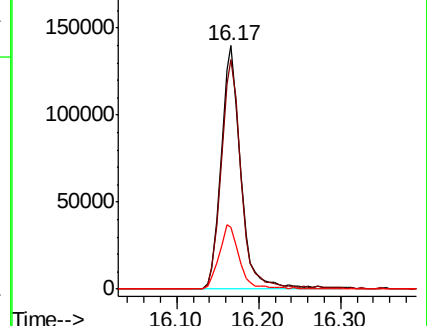
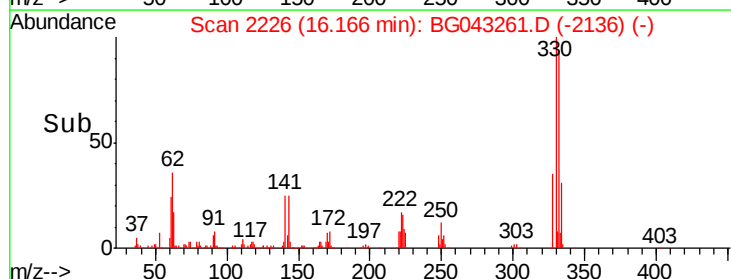
141 27.1 26.0 39.0

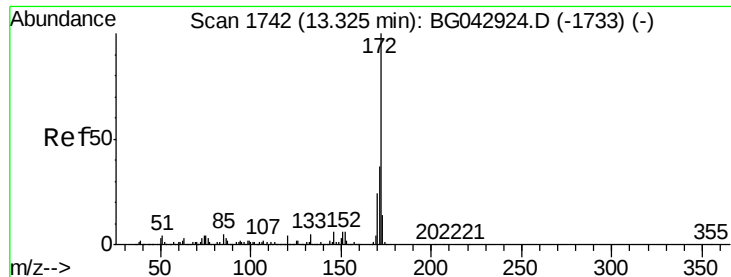


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 67.250 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

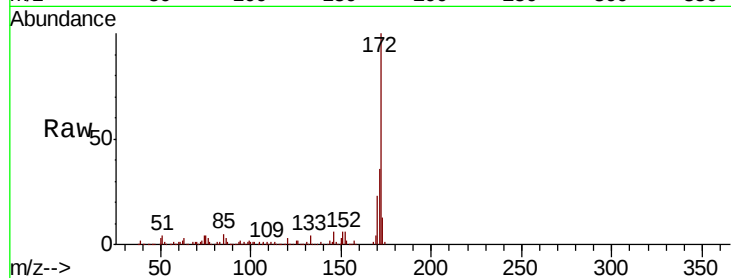
BNA_G

ClientSampleId :

TP-20A-D

Tot Ion:172 Resp: 656703

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.2	19.6	29.4

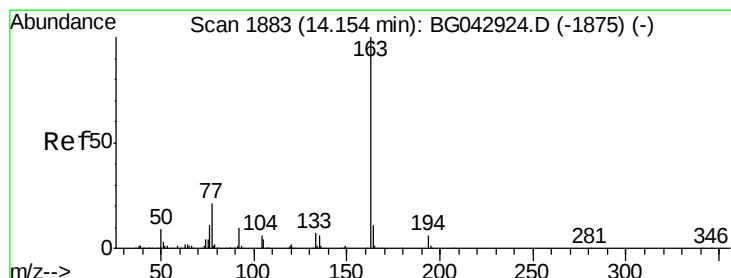
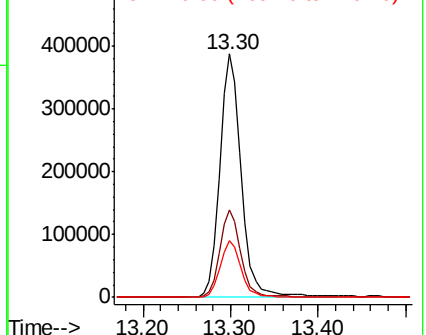
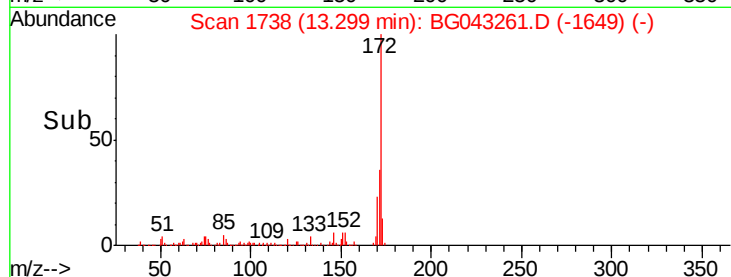


Abundance

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: 9.039 ng

RT: 14.12 min Scan# 1878

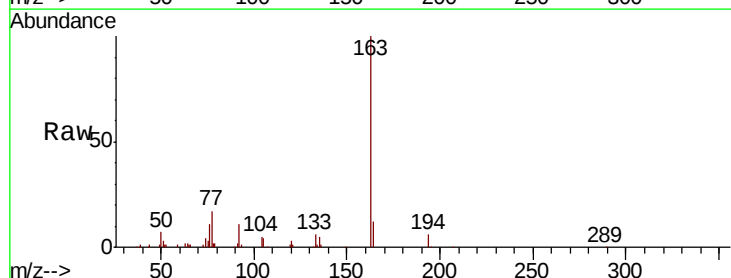
Delta R.T. -0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Tgt Ion:163 Resp: 95871

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.4	6.6
164	12.1	8.6	12.8

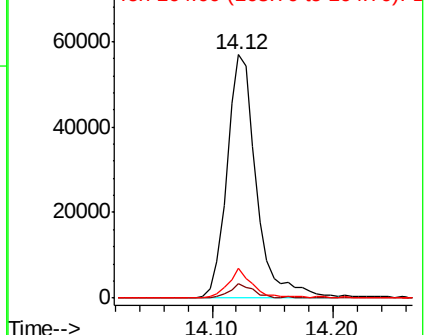
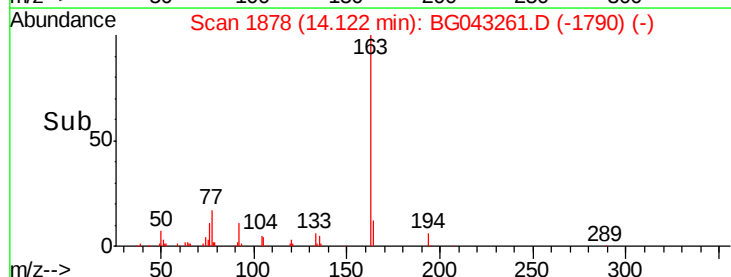


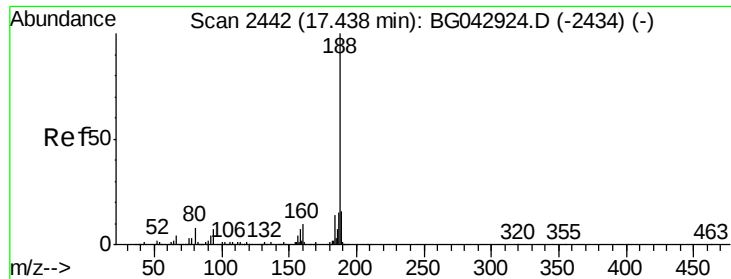
Abundance

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

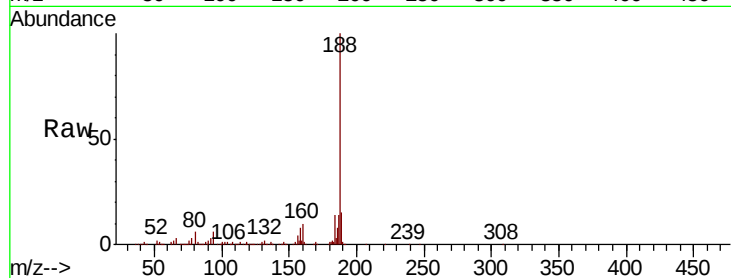




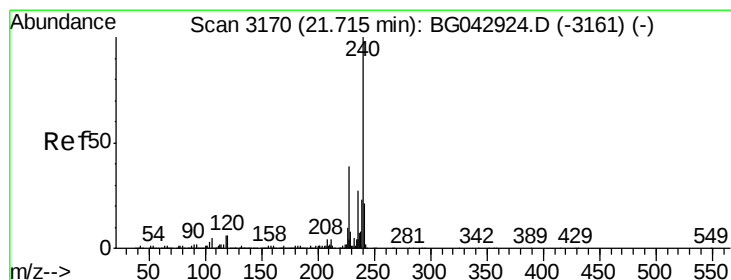
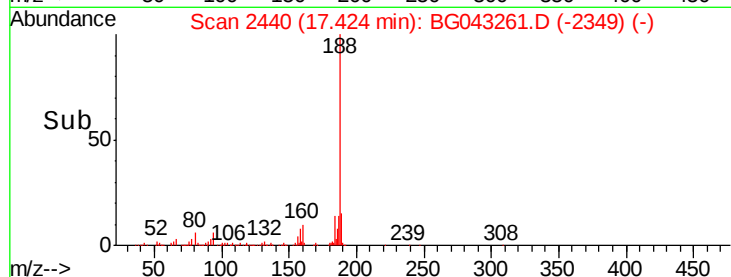
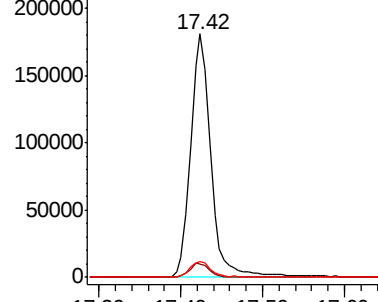
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Instrument :
BNA_G
ClientSampleId :
TP-20A-D

Tot Ion:188 Resp: 313686
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 6.3 6.5 9.7#

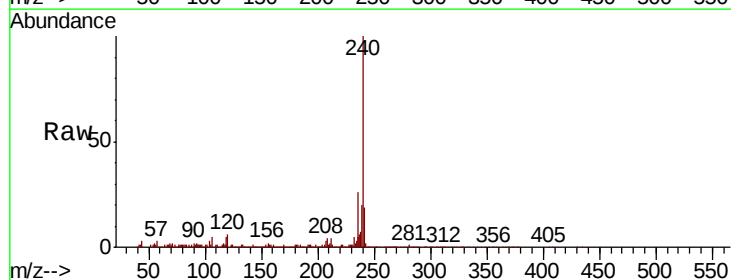


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

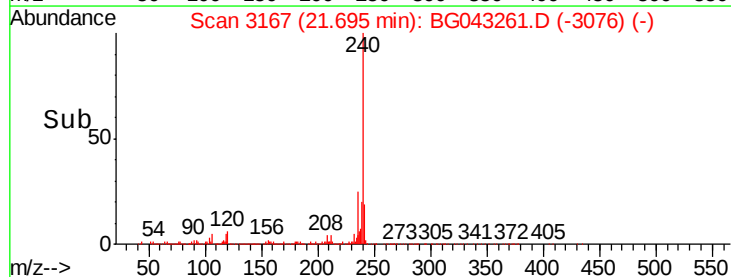
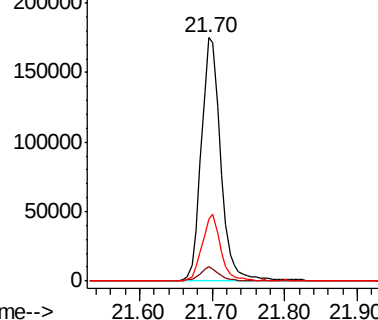


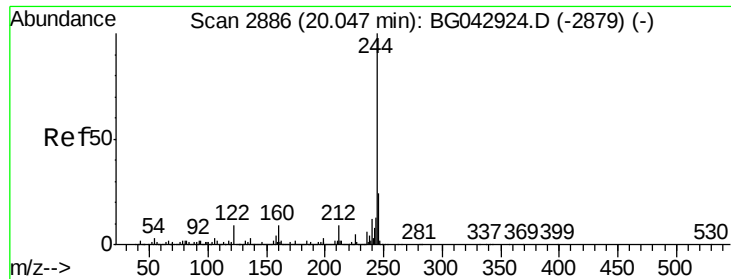
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043261.D
Acq: 17 Oct 2019 1:23

Tgt Ion:240 Resp: 327696
Ion Ratio Lower Upper
240 100
120 6.2 4.8 7.2
236 25.6 21.4 32.0



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: 70.766 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

Instrument :

BNA_G

ClientSampleId :

TP-20A-D

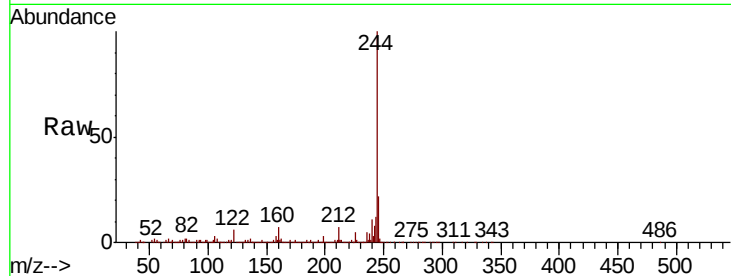
Tot Ion:244 Resp: 1088268

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.0#

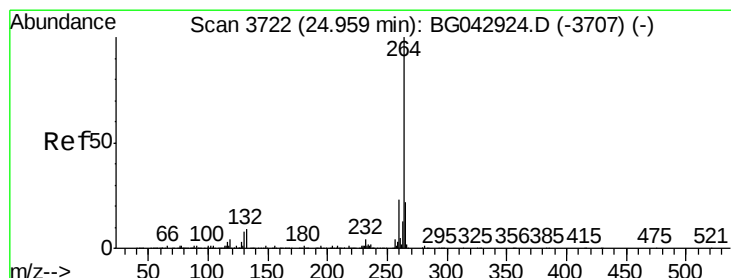
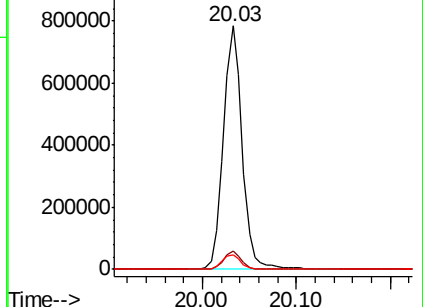
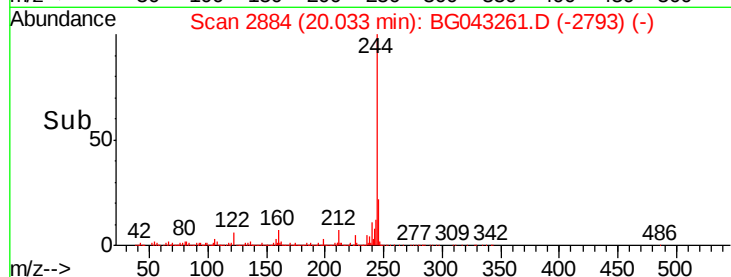
122 6.2 7.0 10.4#



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: 24.93 min Scan# 3717

Delta R.T. 0.02 min

Lab File: BG043261.D

Acq: 17 Oct 2019 1:23

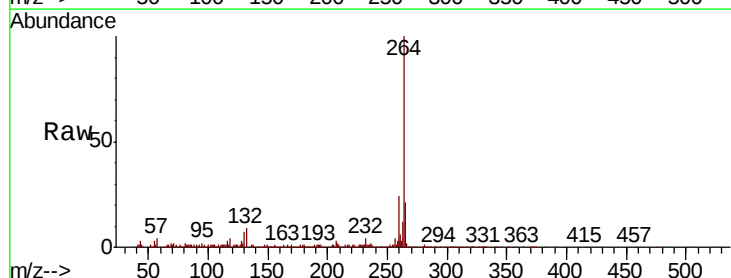
Tgt Ion:264 Resp: 385096

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.3 17.7 26.5



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

