

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041731.D
 Acq On : 19 Jul 2019 12:29
 Operator : HP/JU
 Sample : K3868-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Jul 20 00:08:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

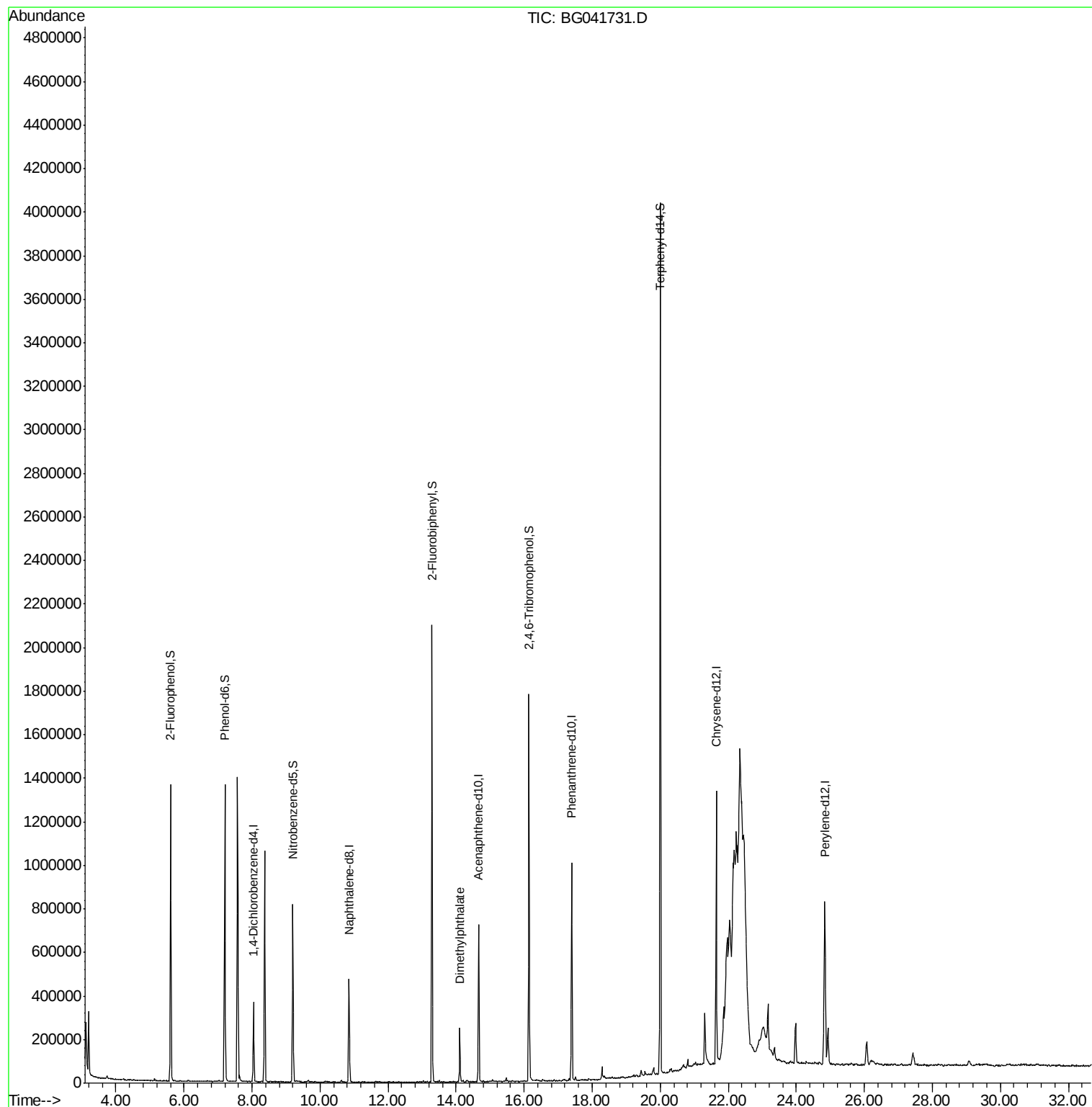
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106515	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	423808	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	260292	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	650143	20.00	ng	0.00
76) Chrysene-d12	21.65	240	698526	20.00	ng	-0.01
87) Perylene-d12	24.84	264	827306	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	590527	90.63	ng	0.00
7) Phenol-d6	7.20	99	806466	92.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	483785	69.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	336681	114.77	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1101654	65.54	ng	0.00
79) Terphenyl-d14	20.00	244	1839135	61.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	166846	8.162	ng	Qvalue 97

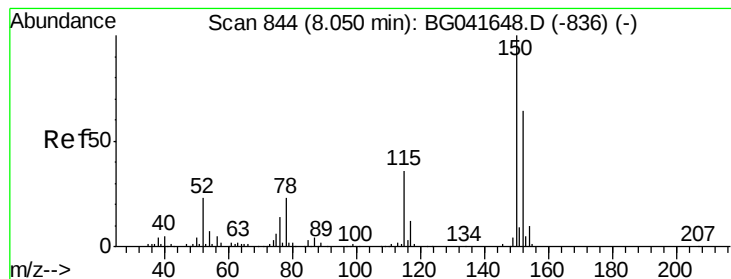
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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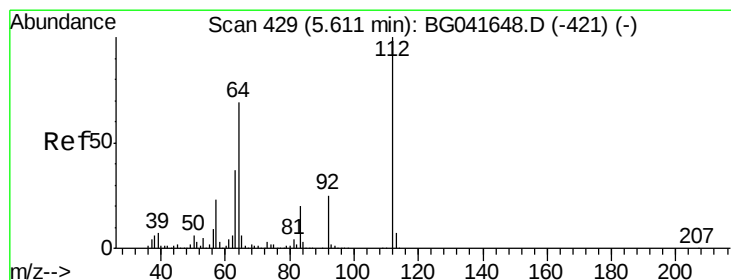
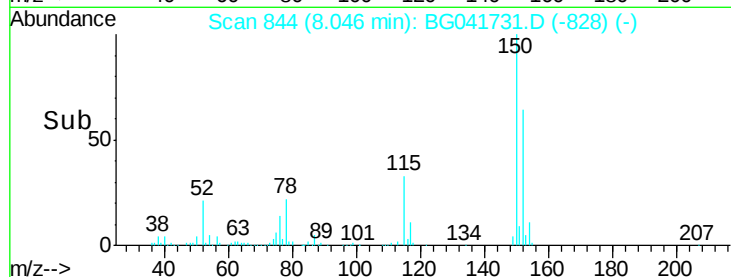
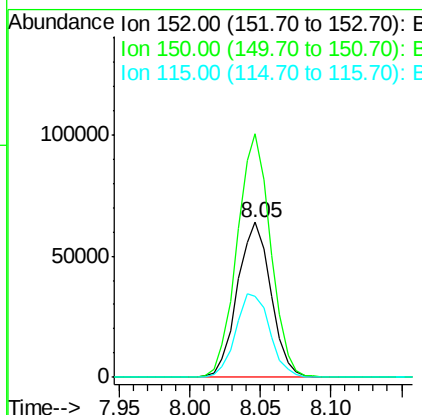
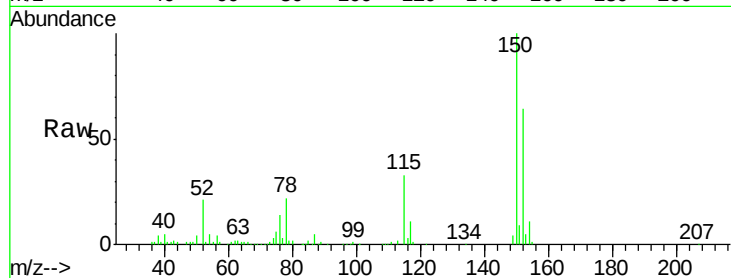


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041731.D
Acq: 19 Jul 2019 12:29

Instrument :
BNA_G
ClientSampled :
TP-4

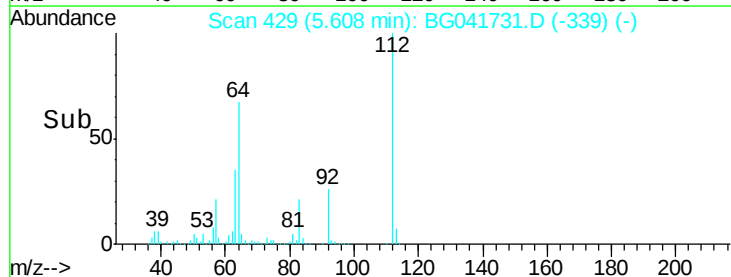
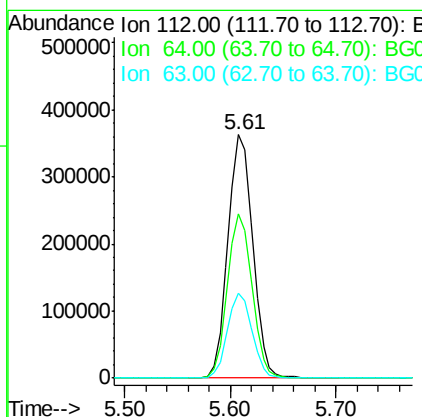
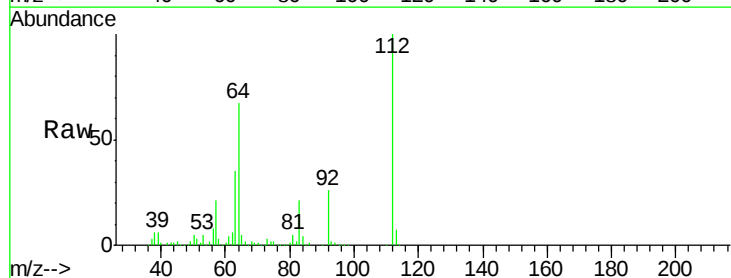
Tot Ion	152	Resp	106515
Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.9	190.3
115	51.9	45.0	67.6

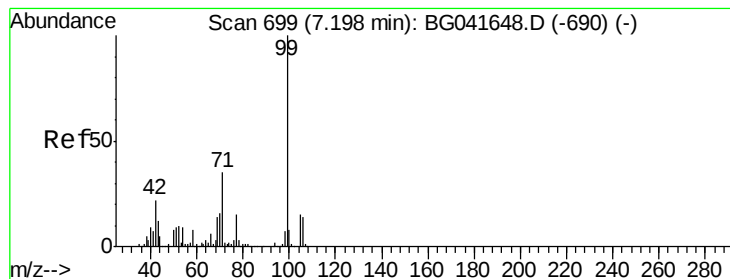


#5

2-Fluorophenol
Concen: 90.632 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041731.D
Acq: 19 Jul 2019 12:29

Tgt Ion	112	Resp	590527
Ion	Ratio	Lower	Upper
112	100		
64	67.3	55.4	83.2
63	34.8	29.1	43.7





#7

Phenol-d6

Concen: 92.022 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041731.D

Acq: 19 Jul 2019 12:29

Instrument :

BNA_G

ClientSampleId :

TP-4

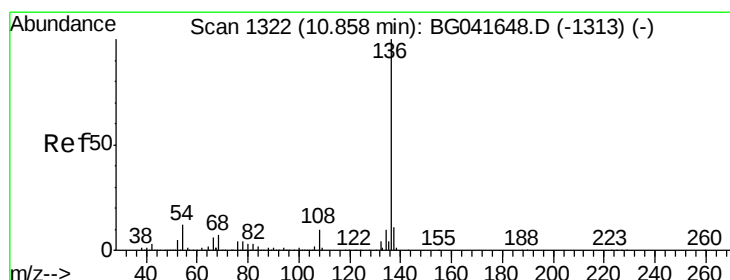
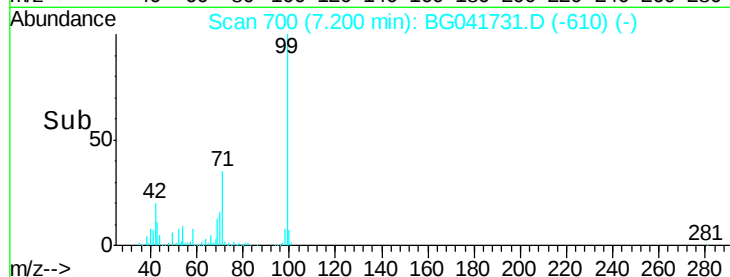
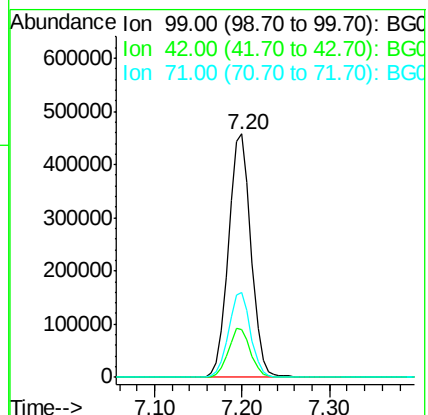
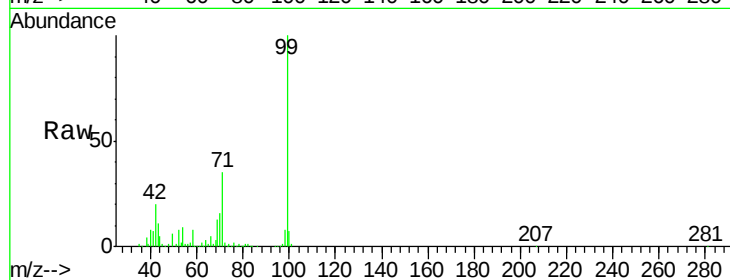
Tot Ion: 99 Resp: 806466

Ion Ratio Lower Upper

99 100

42 19.8 17.6 26.4

71 34.6 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041731.D

Acq: 19 Jul 2019 12:29

Tgt Ion: 136 Resp: 423808

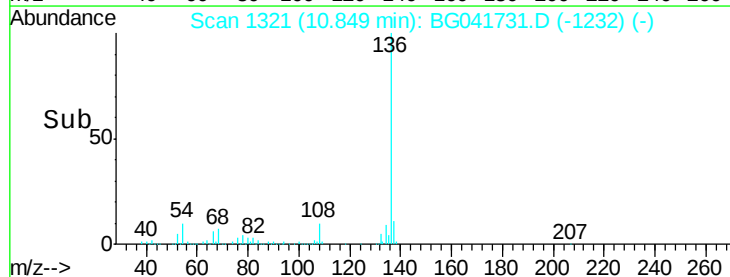
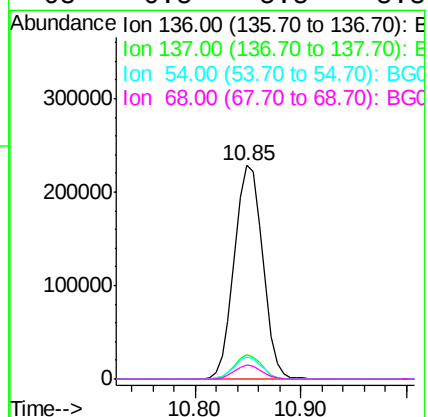
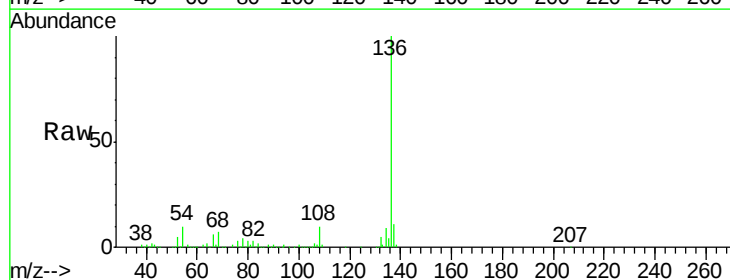
Ion Ratio Lower Upper

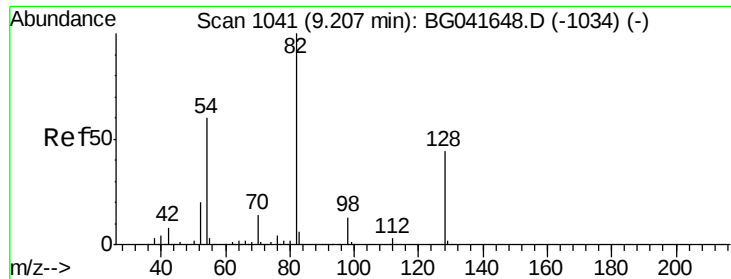
136 100

137 11.3 9.2 13.8

54 10.3 8.7 13.1

68 6.5 5.5 8.3

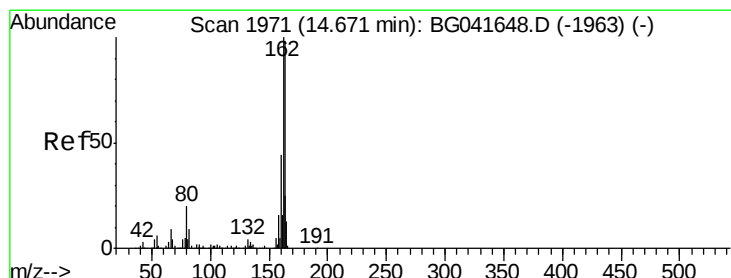
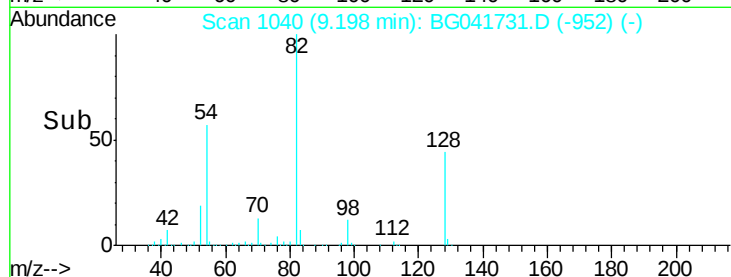
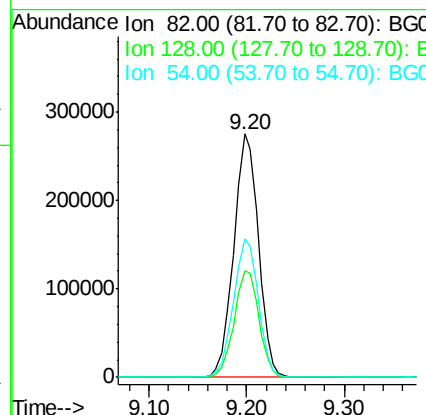
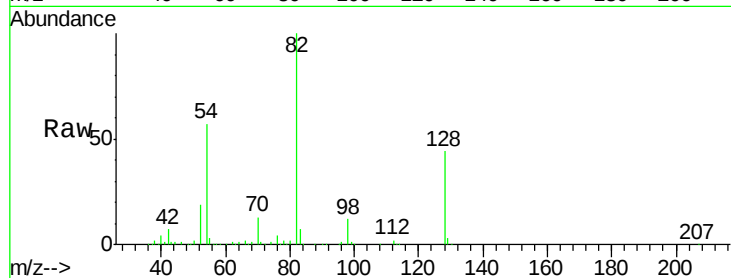




#23
 Nitrobenzene-d5
 Concen: 69.422 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041731.D
 Acq: 19 Jul 2019 12:29

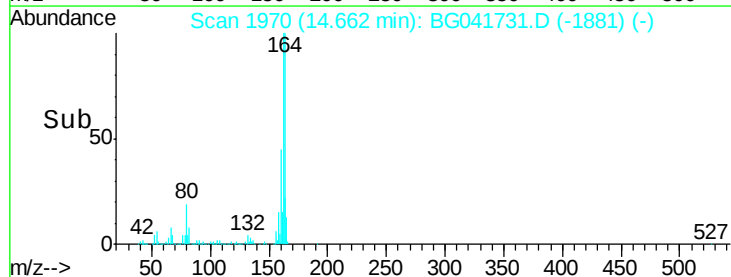
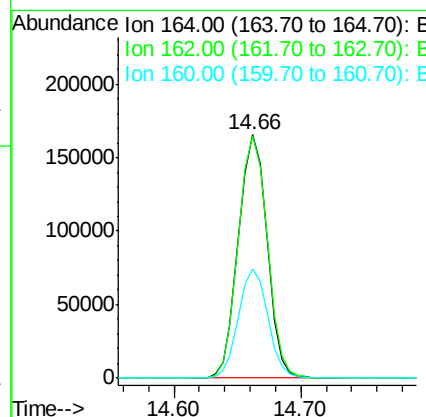
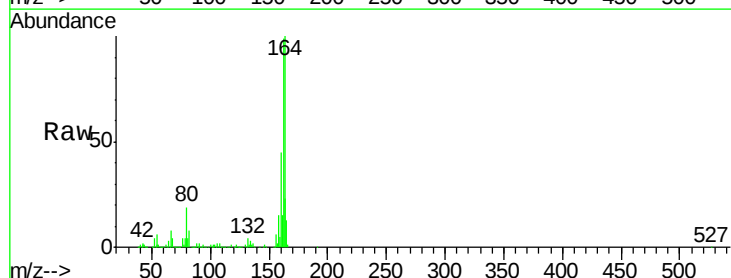
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

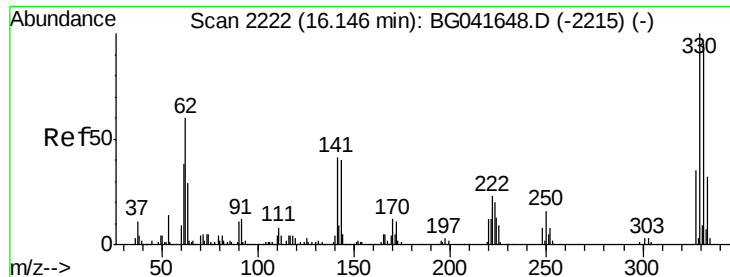
Tot Ion	82	Resp	483785
Ion Ratio	100	Lower	Upper
128	43.9	35.1	52.7
54	57.1	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041731.D
 Acq: 19 Jul 2019 12:29

Tgt Ion	164	Resp	260292
Ion Ratio	100	Lower	Upper
162	99.5	79.6	119.4
160	44.9	35.4	53.0

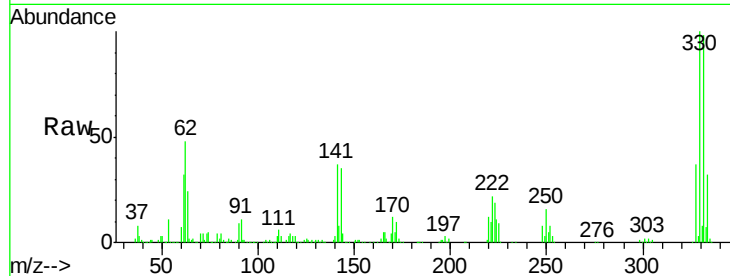




#42
 2,4,6-Tribromophenol
 Concen: 114.773 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041731.D
 Acq: 19 Jul 2019 12:29

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	37.3	31.9	47.9

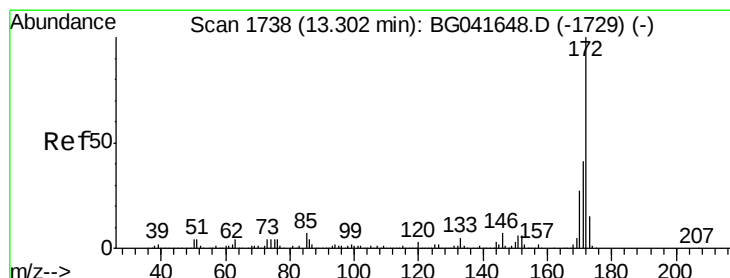
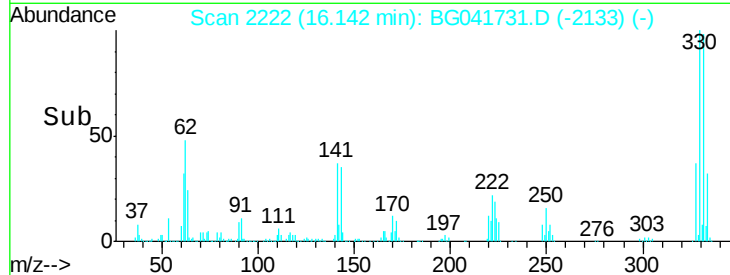
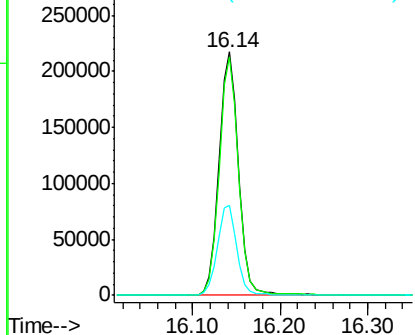


Abundance

Ion 329.80 (329.50 to 330.50): E

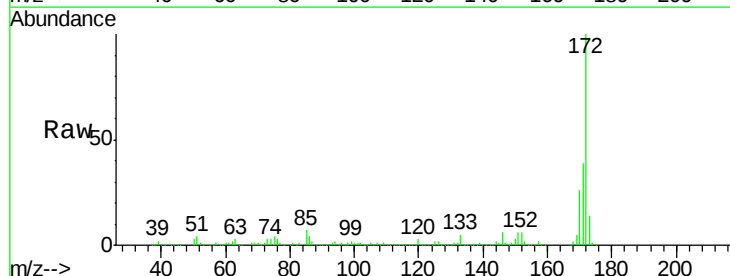
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.538 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041731.D
 Acq: 19 Jul 2019 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.0	52.4
170	26.0	23.5	35.3

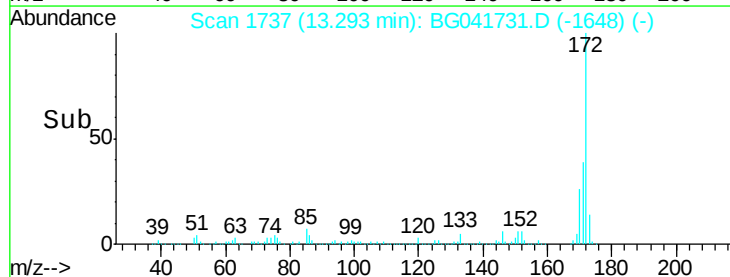
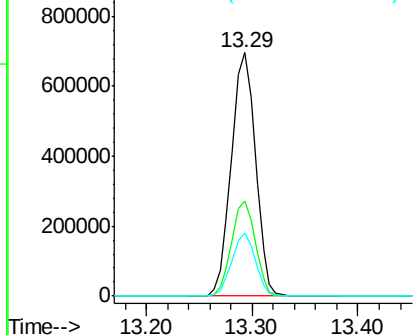


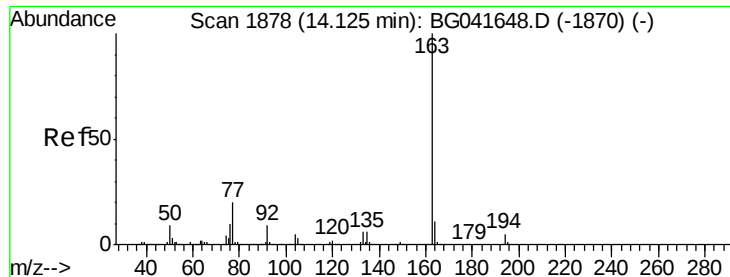
Abundance

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: 8.162 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041731.D

Acq: 19 Jul 2019 12:29

Instrument :

BNA_G

ClientSampleId :

TP-4

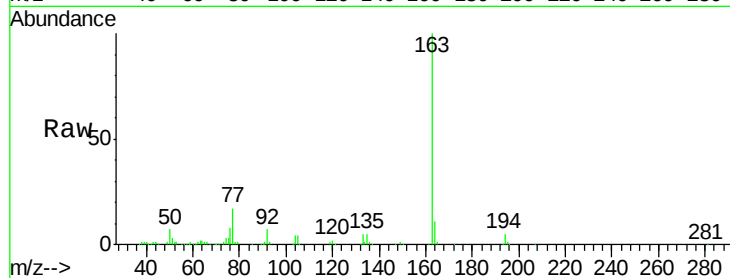
Tot Ion:163 Resp: 166846

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

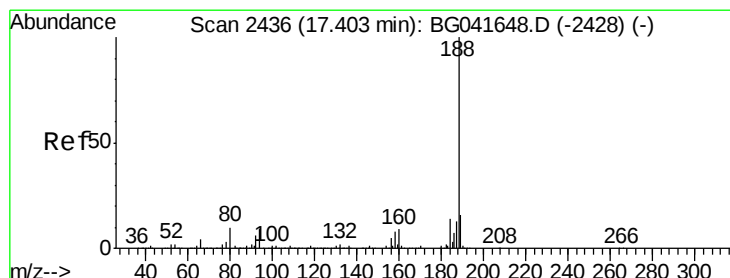
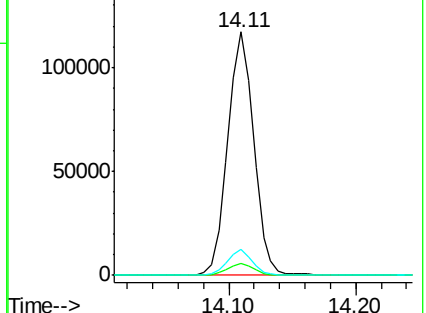
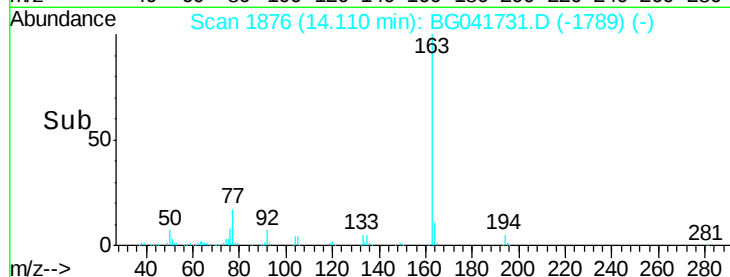
164 10.6 9.4 14.2



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041731.D

Acq: 19 Jul 2019 12:29

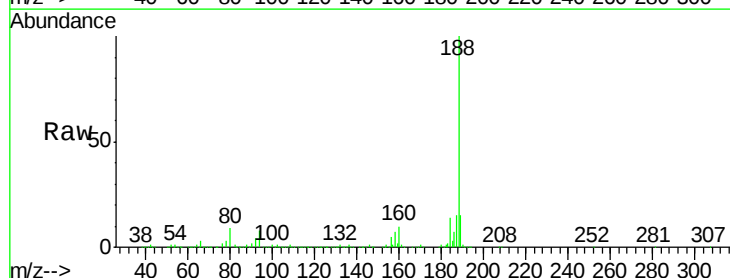
Tgt Ion:188 Resp: 650143

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

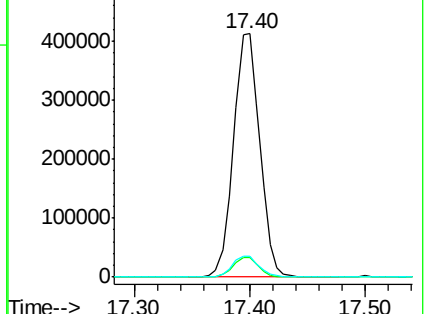
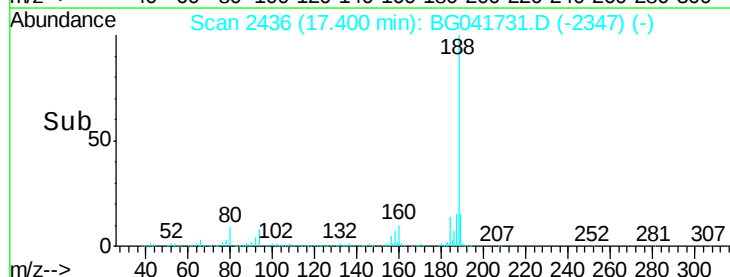
80 8.7 8.0 12.0

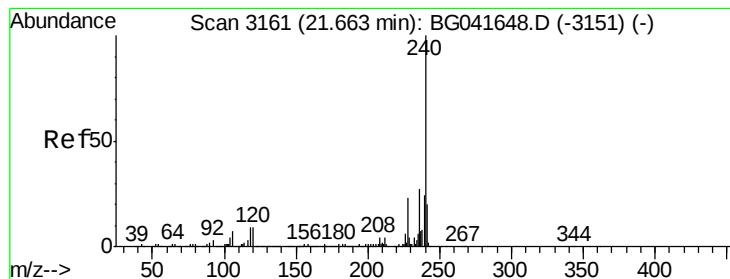


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041731.D

Acq: 19 Jul 2019 12:29

Instrument :

BNA_G

ClientSampleId :

TP-4

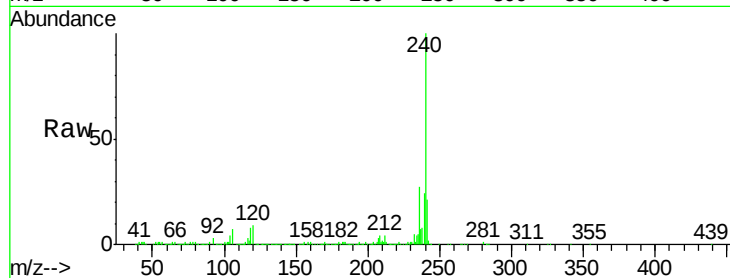
Tot Ion:240 Resp: 698526

Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

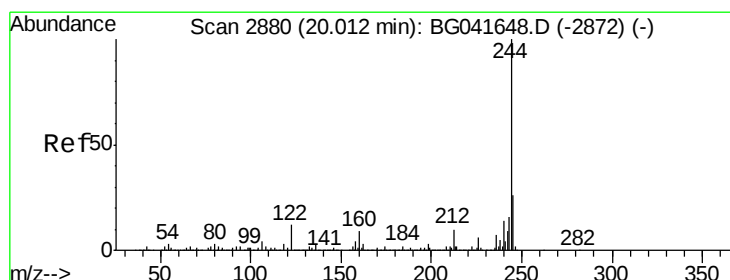
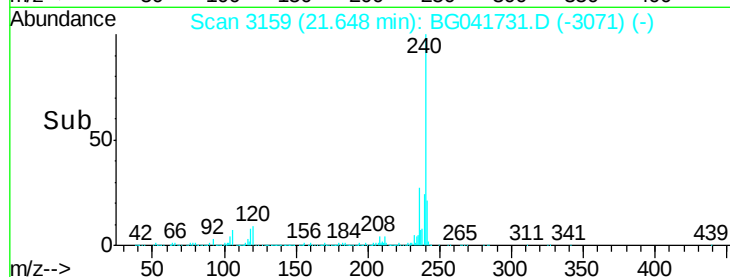
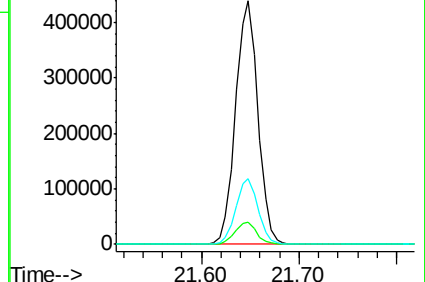
236 27.2 22.6 33.8



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: 61.527 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041731.D

Acq: 19 Jul 2019 12:29

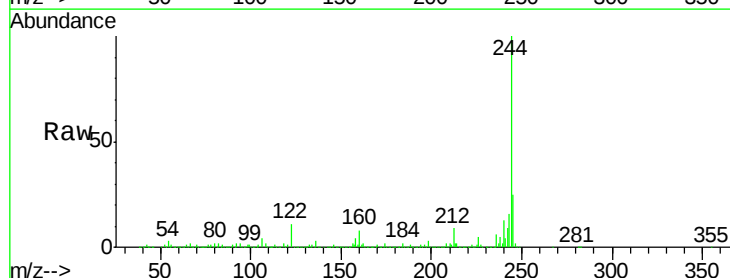
Tgt Ion:244 Resp: 1839135

Ion Ratio Lower Upper

244 100

212 9.0 9.7 14.5#

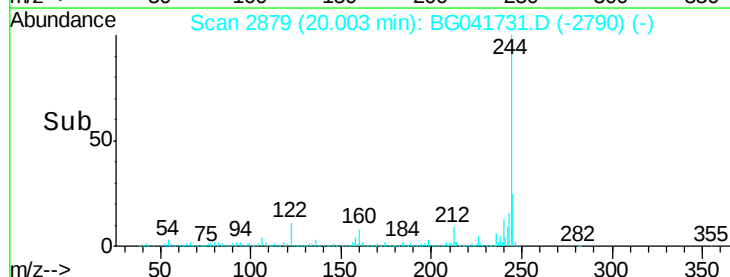
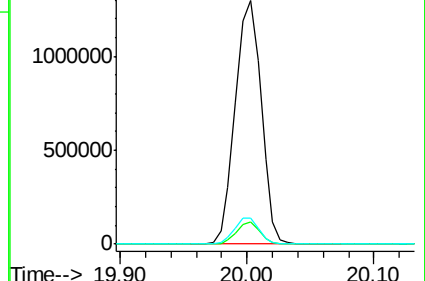
122 10.8 12.5 18.7#

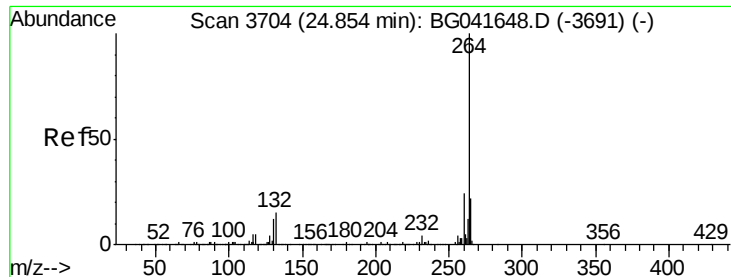


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

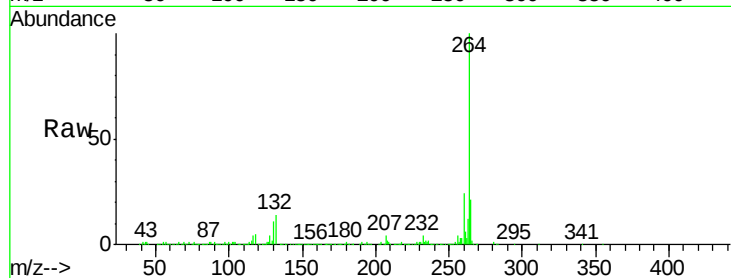




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.03 min
 Lab File: BG041731.D
 Acq: 19 Jul 2019 12:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	18.0	27.0



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

