

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044962.D
 Acq On : 7 Apr 2020 19:40
 Operator : CG/JU
 Sample : L2162-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-50-COMP

Quant Time: Apr 08 02:55:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

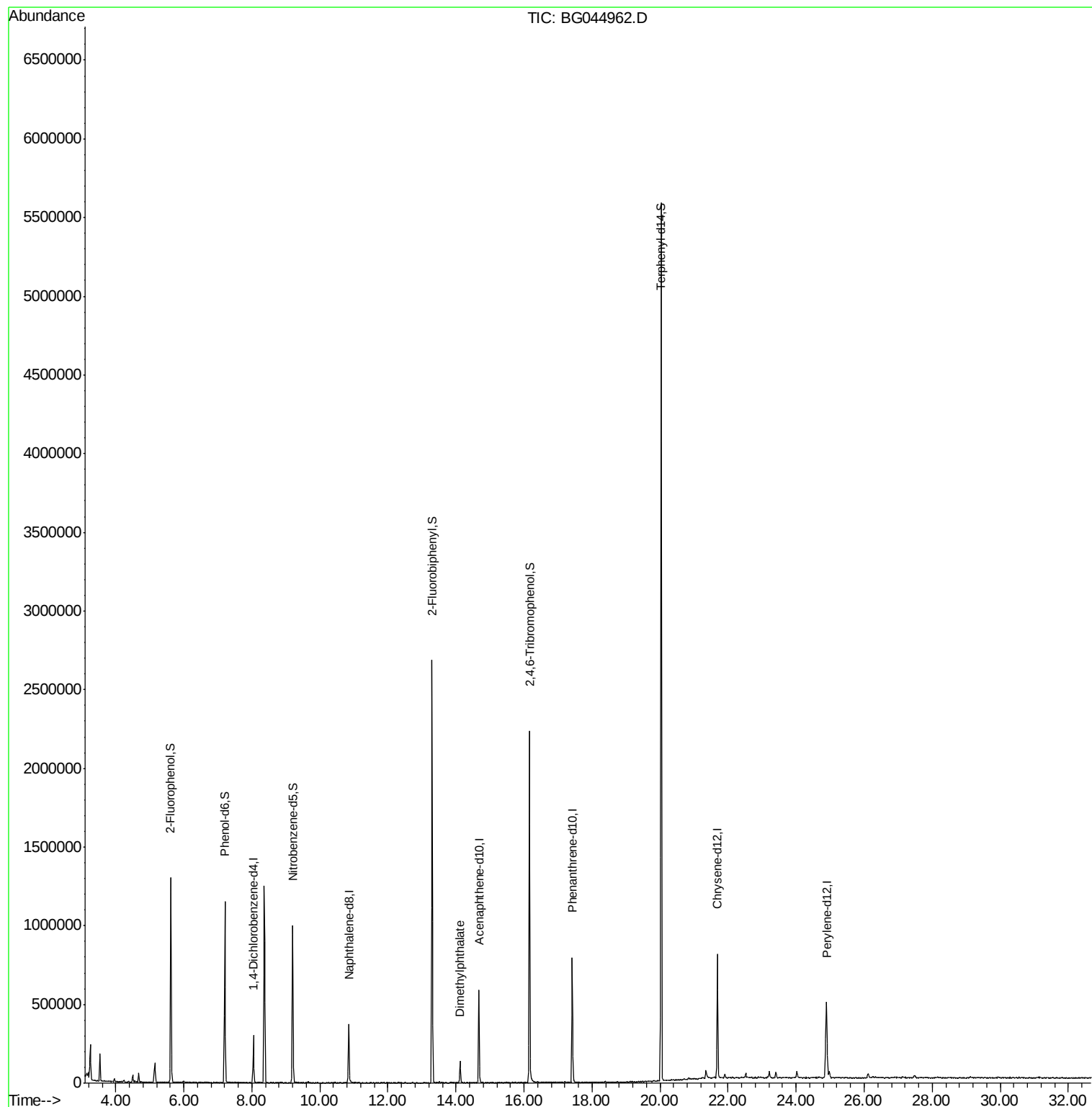
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85615	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	328945	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	223148	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	520409	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	515816	20.00	ng	-0.02
87) Perylene-d12	24.89	264	544978	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	625392	113.71	ng	0.00
7) Phenol-d6	7.20	99	747341	93.52	ng	0.00
23) Nitrobenzene-d5	9.20	82	666819	88.95	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	465137	159.20	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1502794	96.44	ng	0.00
79) Terphenyl-d14	20.03	244	2620969	95.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	98116	5.521	ng	Qvalue 97

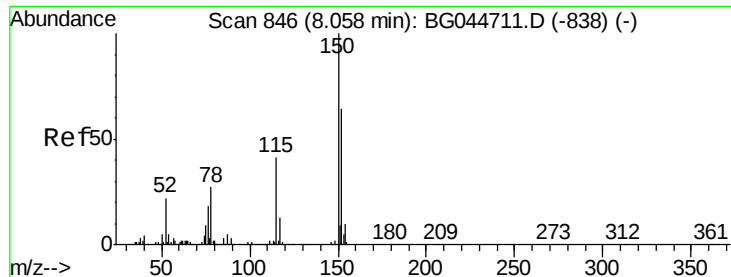
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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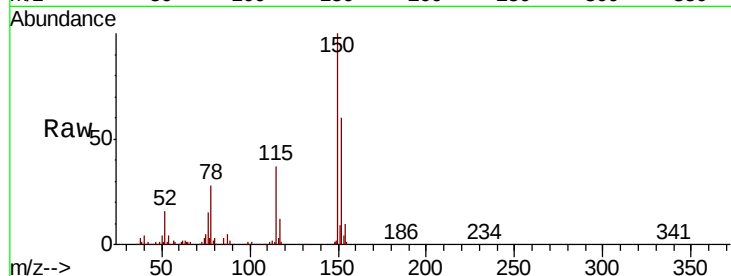


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044962.D
Acq: 7 Apr 2020 19:40

Instrument :
BNA_G
ClientSampleId :
TP-50-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	128.8	193.2
115	60.8	52.6	79.0

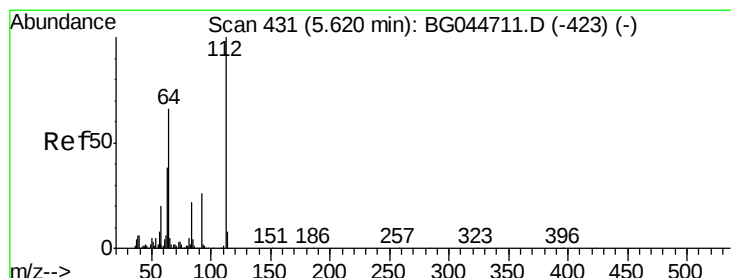
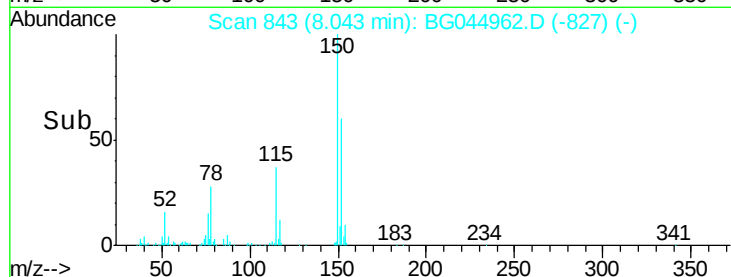
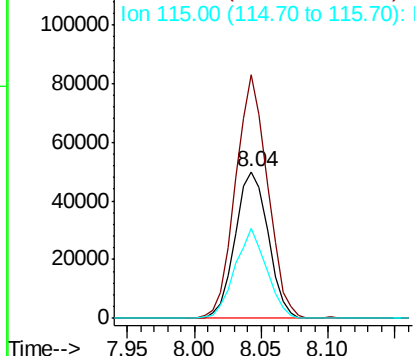


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

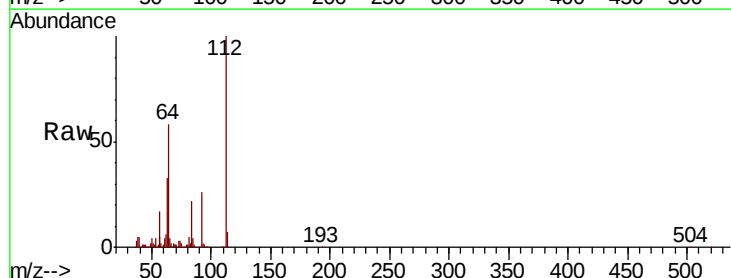
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.712 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044962.D
Acq: 7 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	53.4	80.2
63	32.8	29.4	44.2

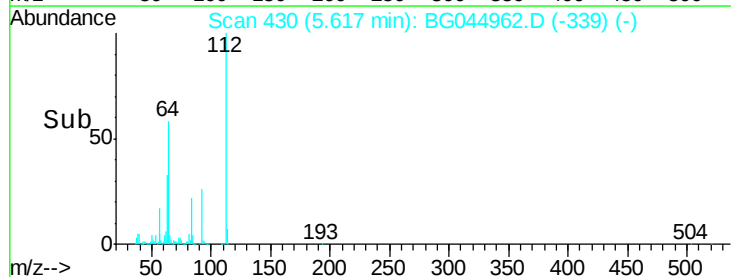
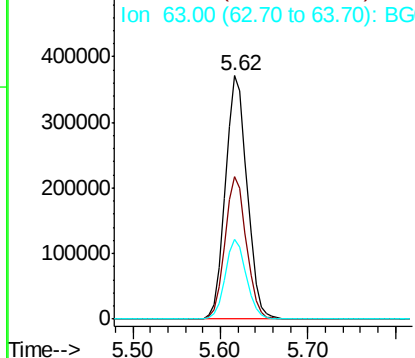


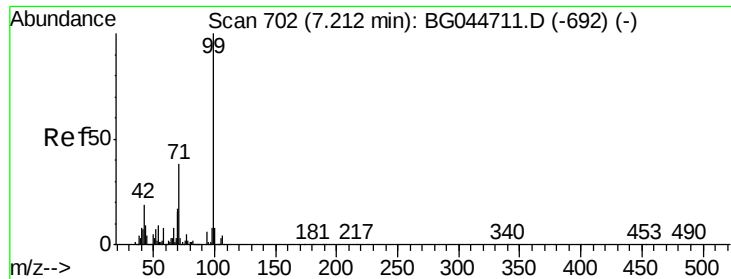
Abundance

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: 93.525 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044962.D

Acq: 7 Apr 2020 19:40

Instrument :

BNA_G

ClientSampleId :

TP-50-COMP

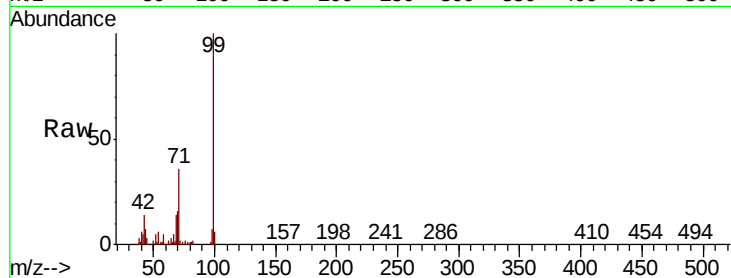
Tot Ion: 99 Resp: 747341

Ion Ratio Lower Upper

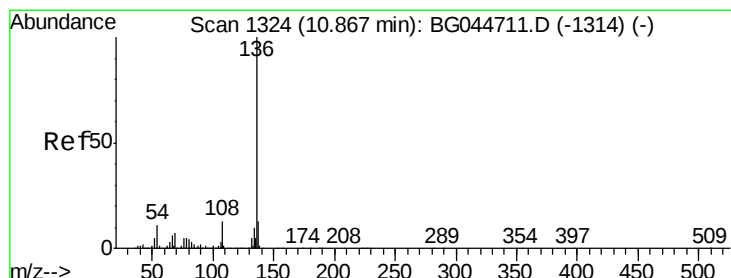
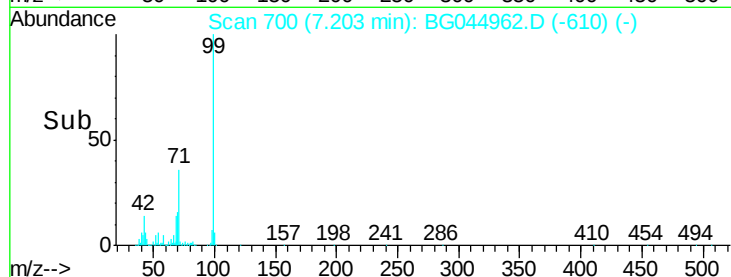
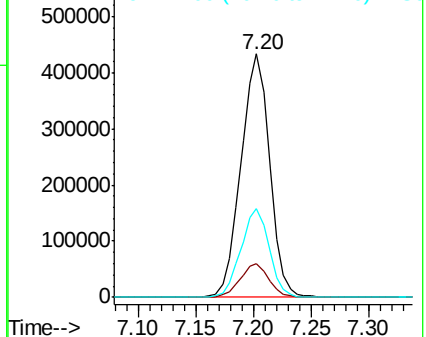
99 100

42 13.6 12.6 19.0

71 36.4 29.0 43.4



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# 1321

Delta R.T. -0.01 min

Lab File: BG044962.D

Acq: 7 Apr 2020 19:40

Tgt Ion: 136 Resp: 328945

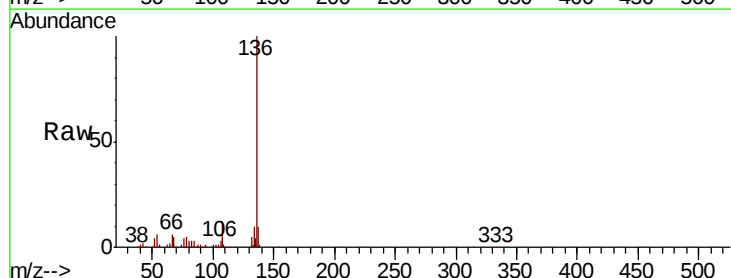
Ion Ratio Lower Upper

136 100

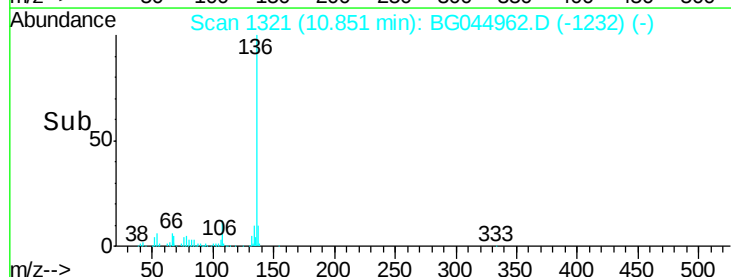
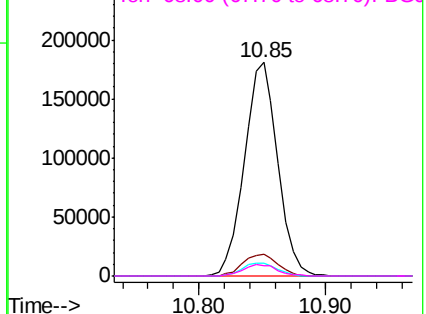
137 10.4 9.8 14.6

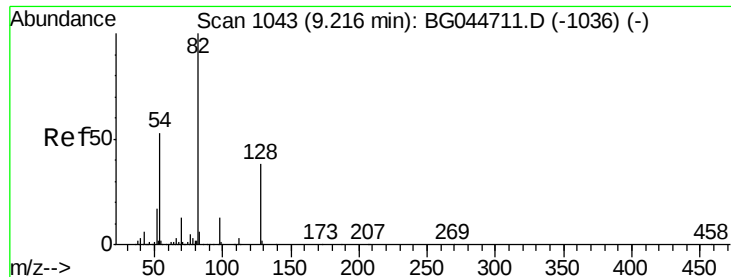
54 6.2 7.9 11.9#

68 5.0 5.4 8.0#



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

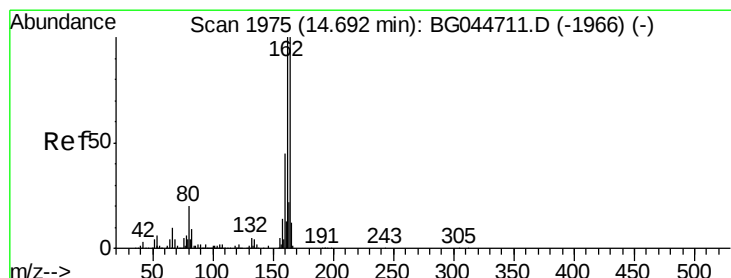
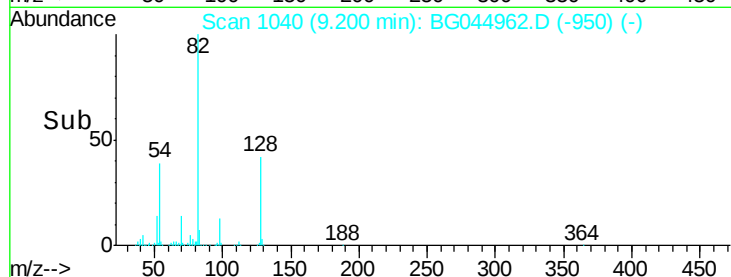
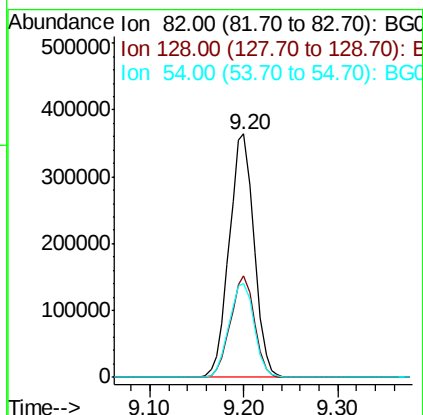
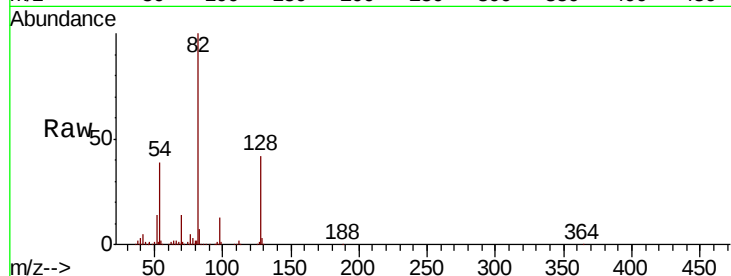




#23
 Nitrobenzene-d5
 Concen: 88.954 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044962.D
 Acq: 7 Apr 2020 19:40

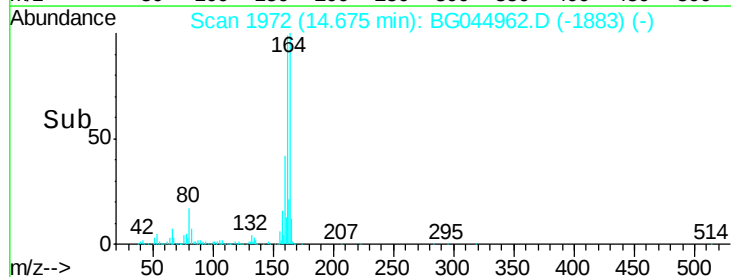
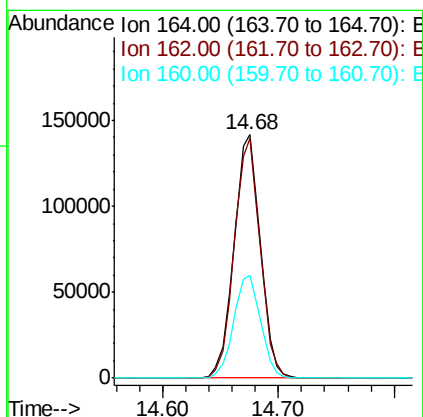
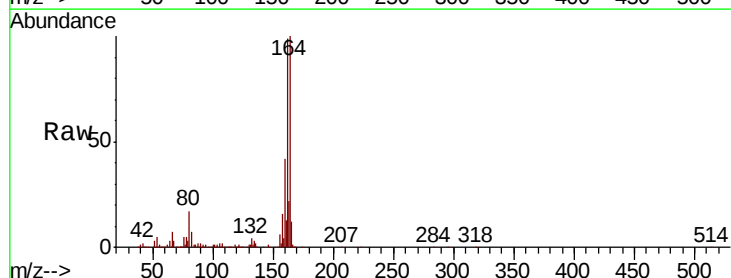
Instrument :
 BNA_G
 ClientSampleId :
 TP-50-COMP

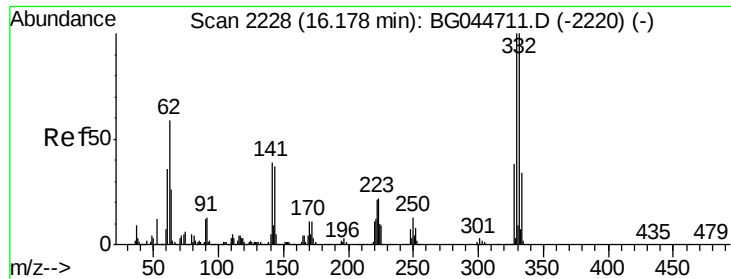
Tot Ion	82	Resp	666819
Ion Ratio	Lower	Upper	
82	100		
128	41.9	30.6	46.0
54	38.7	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG044962.D
 Acq: 7 Apr 2020 19:40

Tgt Ion	164	Resp	223148
Ion Ratio	Lower	Upper	
164	100		
162	98.7	76.7	115.1
160	42.4	35.0	52.4

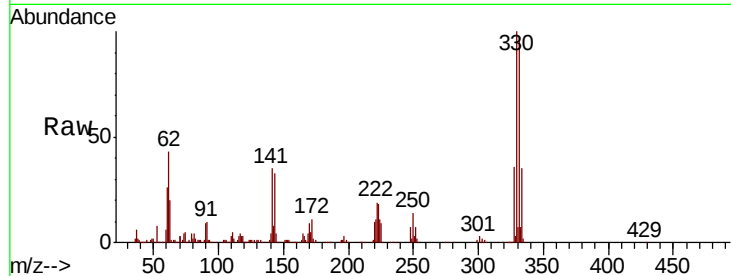




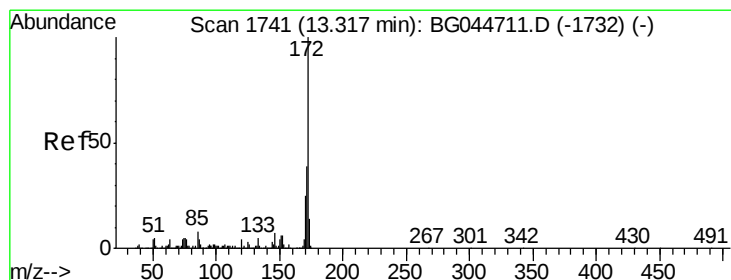
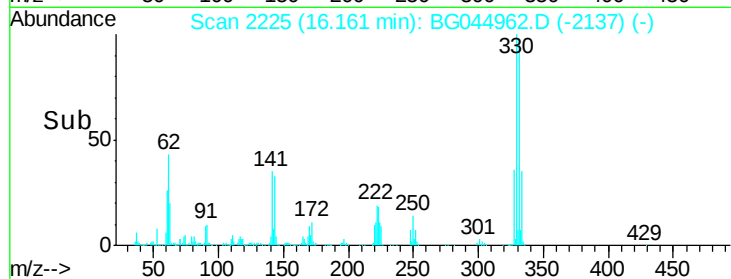
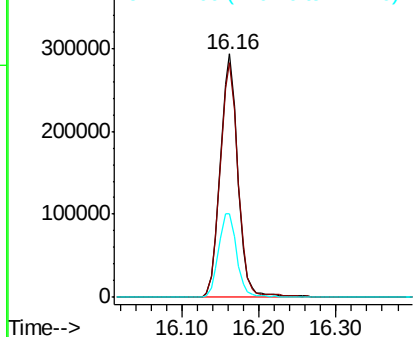
#42
 2,4,6-Tribromophenol
 Concen: 159.196 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044962.D
 Acq: 7 Apr 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-50-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.8	116.6
141	35.4	29.5	44.3

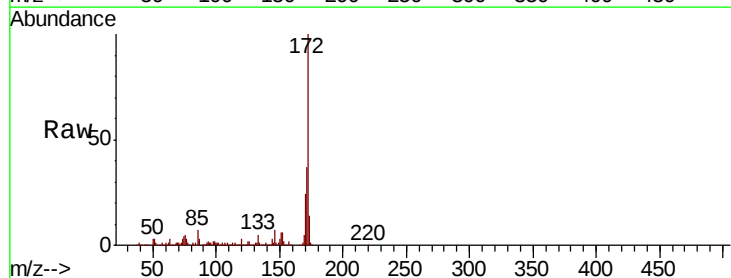


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

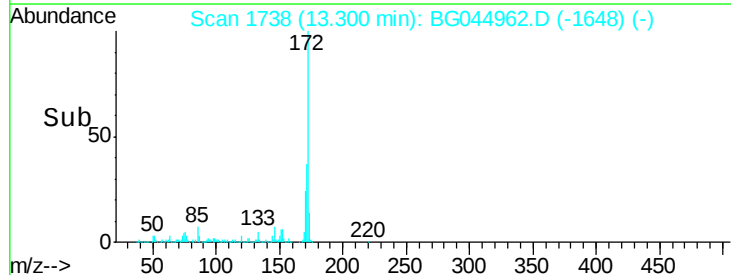
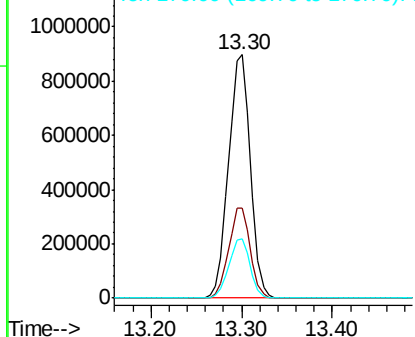


#45
 2-Fluorobiphenyl
 Concen: 96.441 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044962.D
 Acq: 7 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	24.3	19.0	28.6



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: 5.521 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044962.D

Acq: 7 Apr 2020 19:40

Instrument :

BNA_G

ClientSampleId :

TP-50-COMP

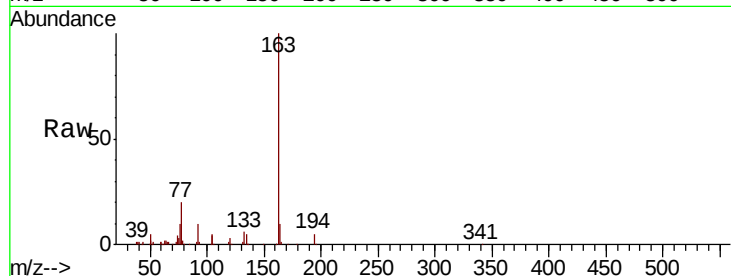
Tot Ion:163 Resp: 98116

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

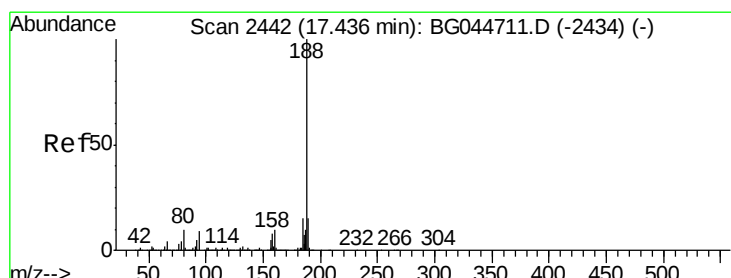
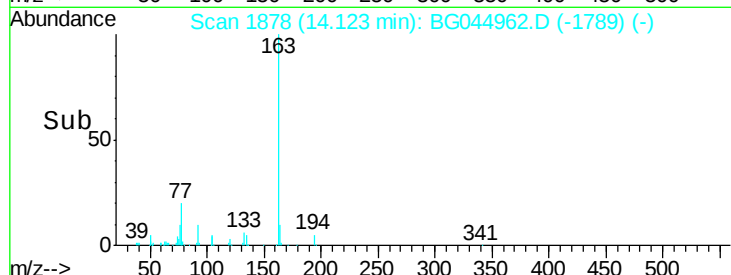
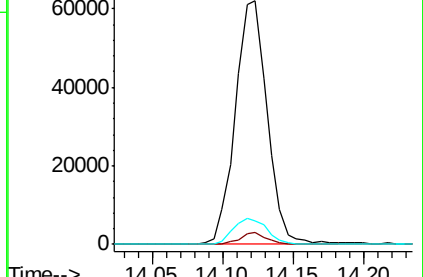
164 9.9 9.1 13.7



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# 2439

Delta R.T. -0.01 min

Lab File: BG044962.D

Acq: 7 Apr 2020 19:40

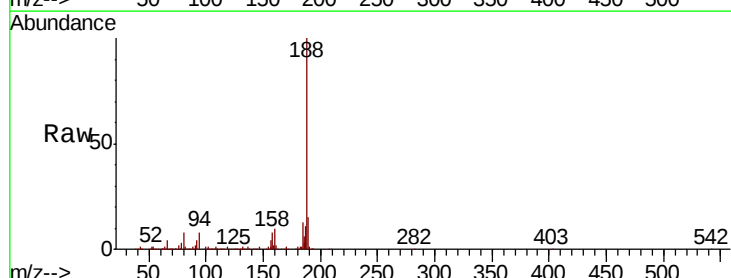
Tgt Ion:188 Resp: 520409

Ion Ratio Lower Upper

188 100

94 7.5 7.3 10.9

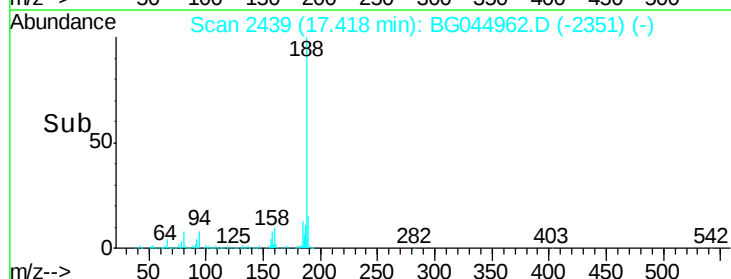
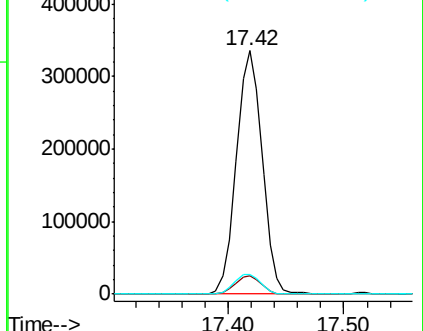
80 8.3 8.0 12.0

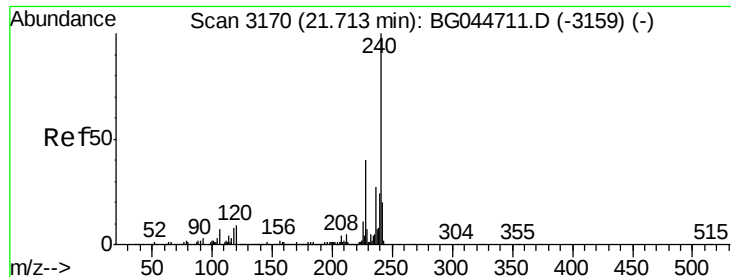


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044962.D

Acq: 7 Apr 2020 19:40

Instrument :

BNA_G

ClientSampleId :

TP-50-COMP

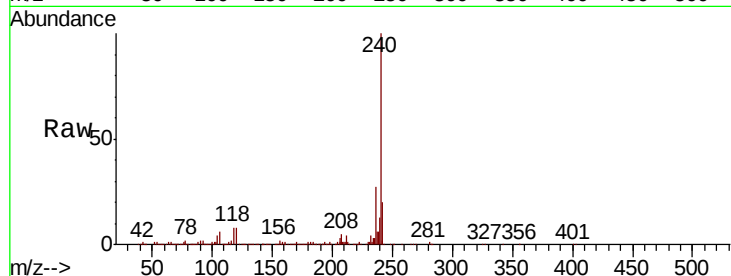
Tot Ion:240 Resp: 515816

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

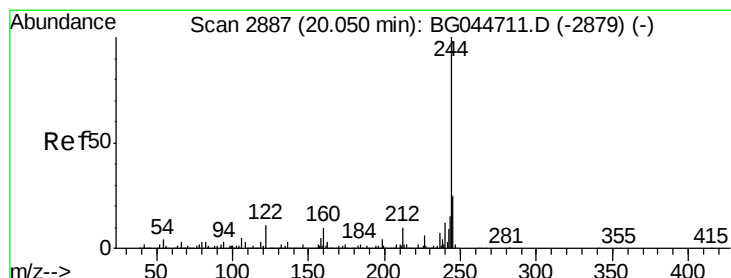
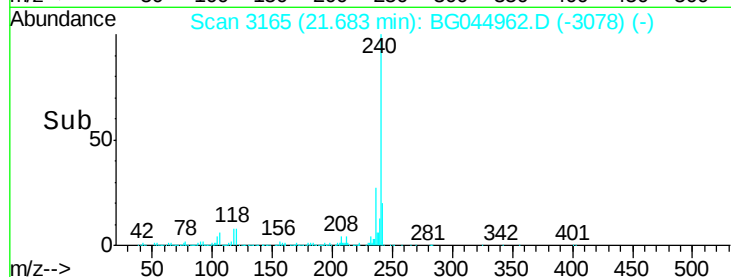
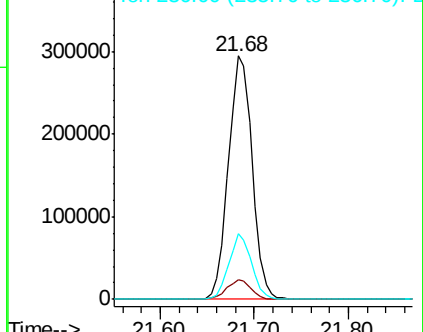
236 27.1 21.5 32.3



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: 95.047 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044962.D

Acq: 7 Apr 2020 19:40

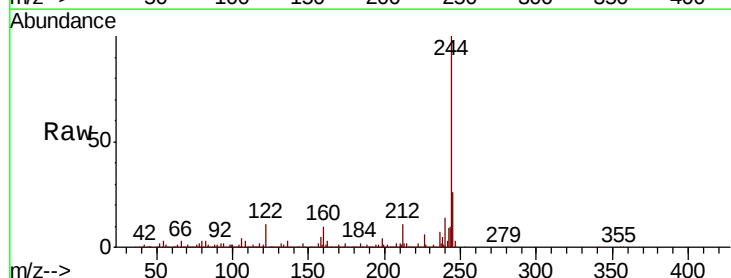
Tgt Ion:244 Resp: 2620969

Ion Ratio Lower Upper

244 100

212 10.7 7.7 11.5

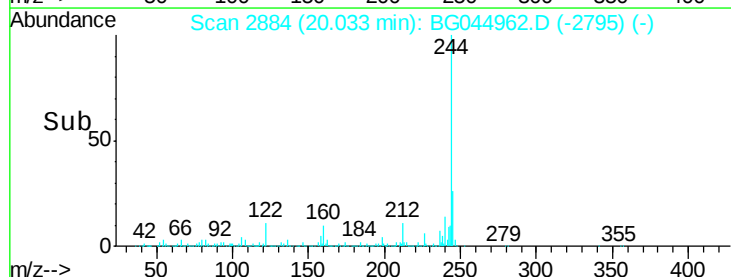
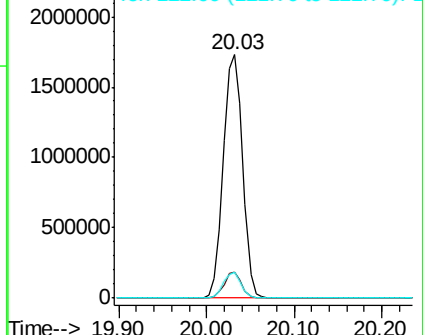
122 10.7 8.6 12.8

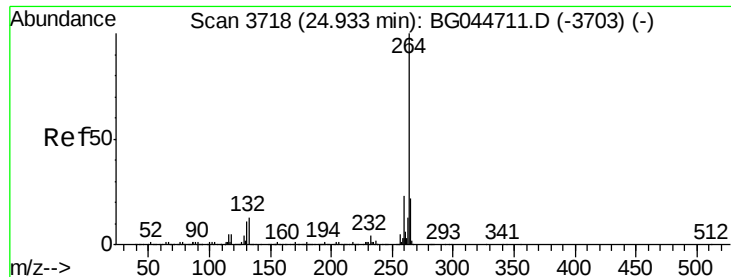


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG044962.D
 Acq: 7 Apr 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-50-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.1	27.1
265	21.9	17.1	25.7

