

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044188.D
 Acq On : 24 Jan 2020 19:04
 Operator : CG/JU
 Sample : L1247-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-18-COMP

Quant Time: Jan 27 04:44:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

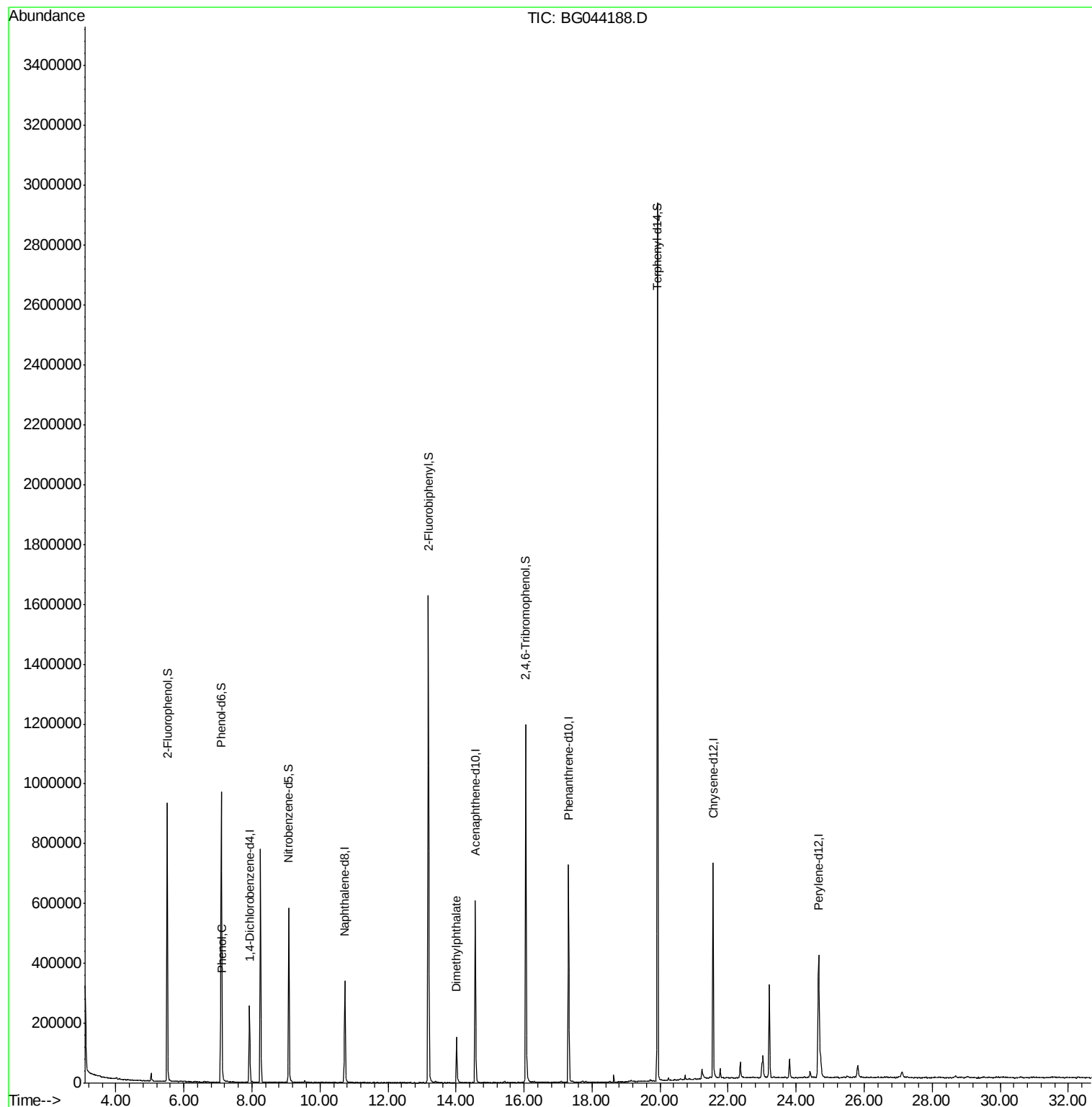
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75509	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	335087	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	228340	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	476828	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	412125	20.00	ng	-0.03
87) Perylene-d12	24.66	264	457367	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	457863	111.34	ng	-0.03
7) Phenol-d6	7.10	99	633512	110.21	ng	-0.03
23) Nitrobenzene-d5	9.08	82	389592	62.20	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	231922	97.06	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	932364	73.98	ng	-0.03
79) Terphenyl-d14	19.92	244	1350885	77.05	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	25955	4.382	ng	Qvalue 92
50) Dimethylphthalate	14.02	163	131285	8.097	ng	# 96

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

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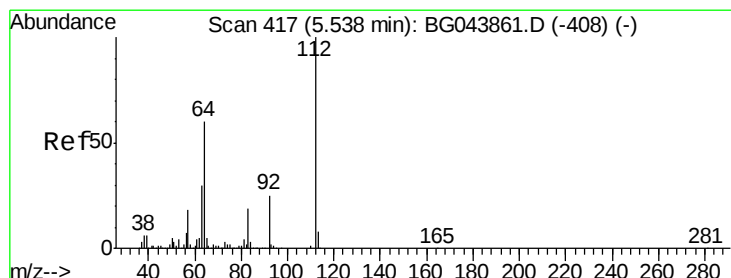
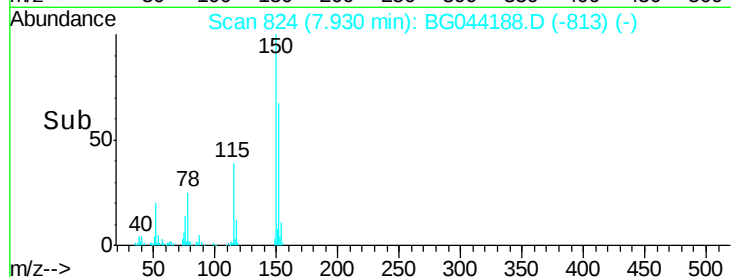
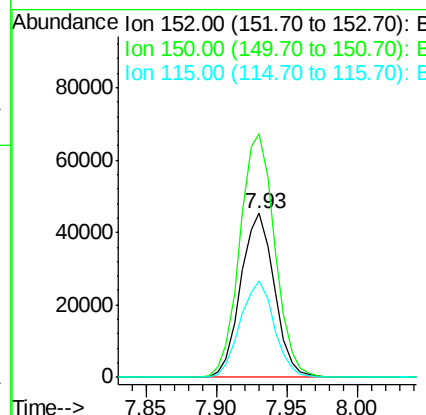
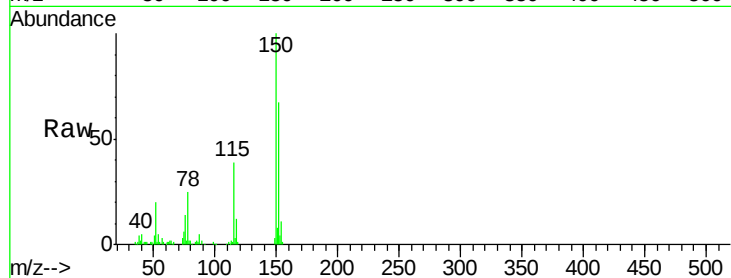


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044188.D
Acq: 24 Jan 2020 19:04

Instrument :
BNA_G
ClientSampleId :
TP-19-18-COMP

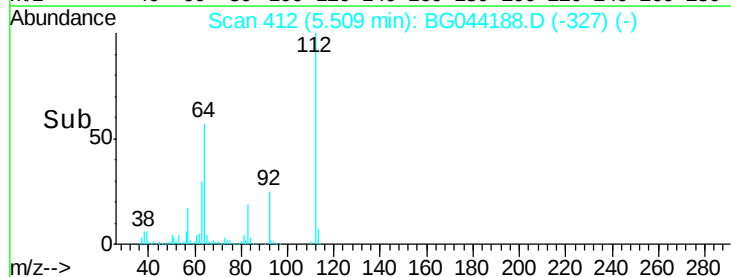
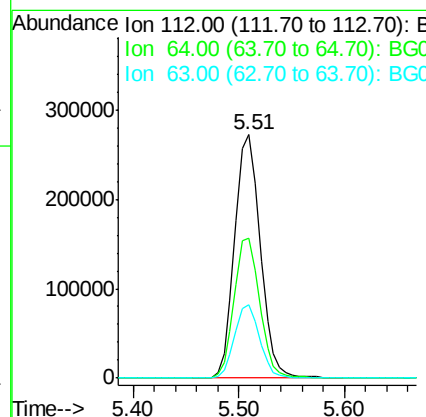
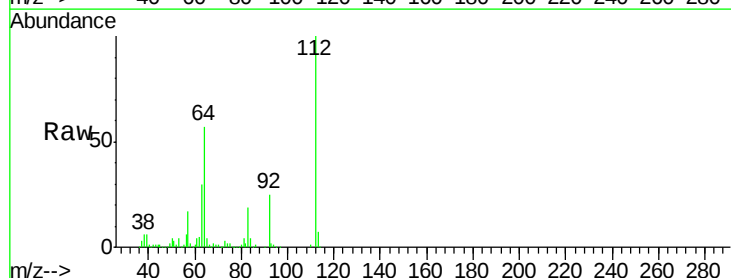
Tot Ion:152 Resp: 75509
Ion Ratio Lower Upper
152 100
150 148.7 127.0 190.4
115 58.5 47.8 71.8

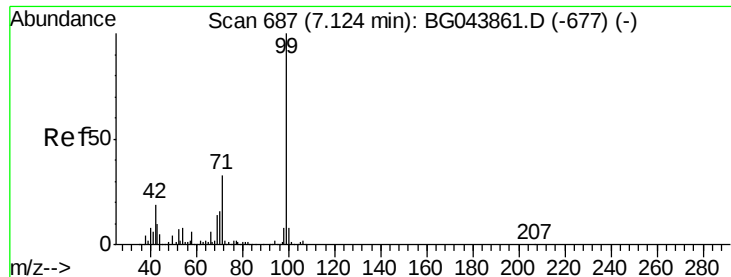


#5

2-Fluorophenol
Concen: 111.337 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044188.D
Acq: 24 Jan 2020 19:04

Tgt Ion:112 Resp: 457863
Ion Ratio Lower Upper
112 100
64 57.4 47.8 71.6
63 30.1 24.3 36.5





#7

Phenol-d6

Concen: 110.206 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

Instrument :

BNA_G

ClientSampleId :

TP-19-18-COMP

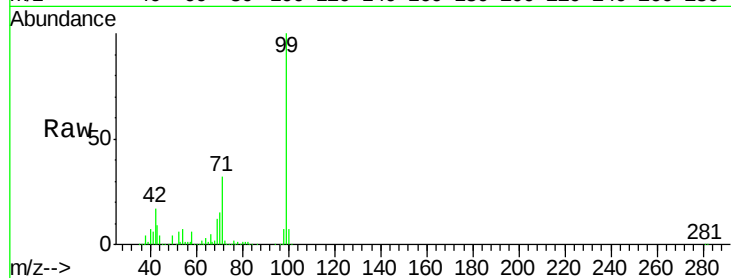
Tot Ion: 99 Resp: 633512

Ion Ratio Lower Upper

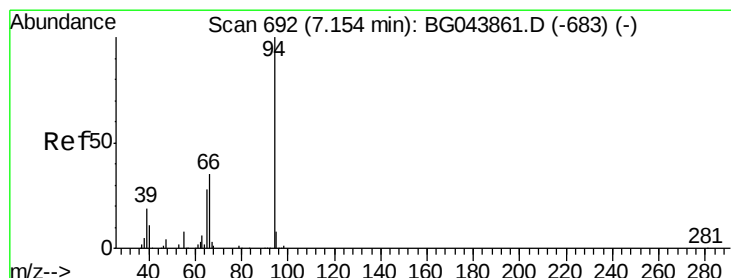
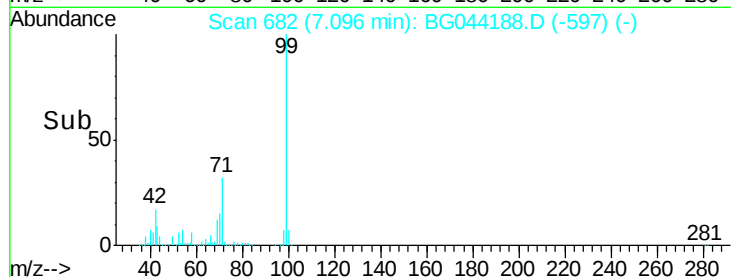
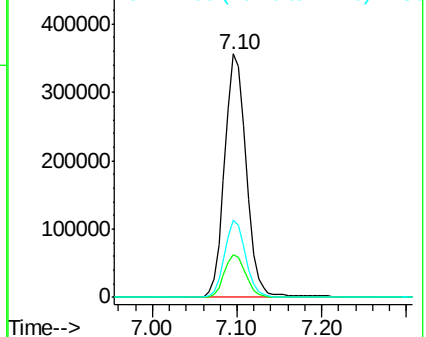
99 100

42 17.3 14.9 22.3

71 31.5 26.4 39.6



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: 4.382 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

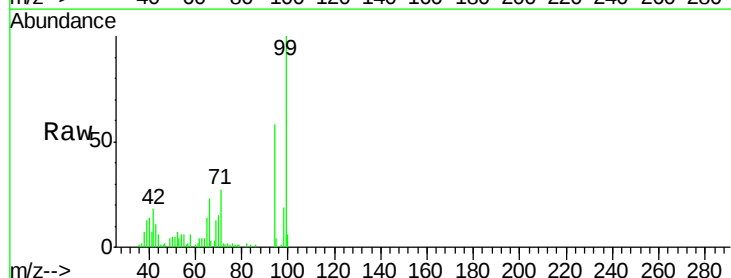
Tgt Ion: 94 Resp: 25955

Ion Ratio Lower Upper

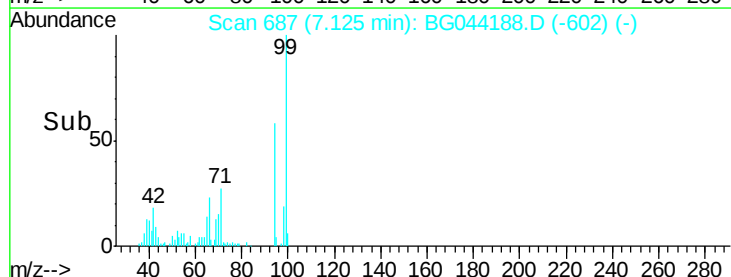
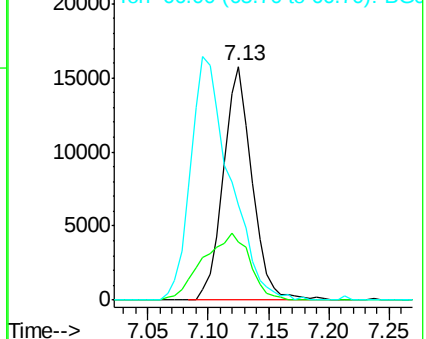
94 100

65 24.9 8.1 48.1

66 40.7 15.6 55.6



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

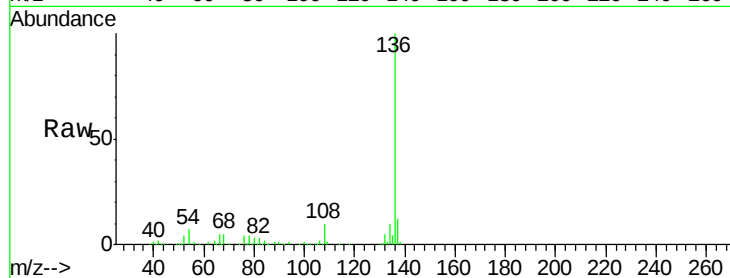




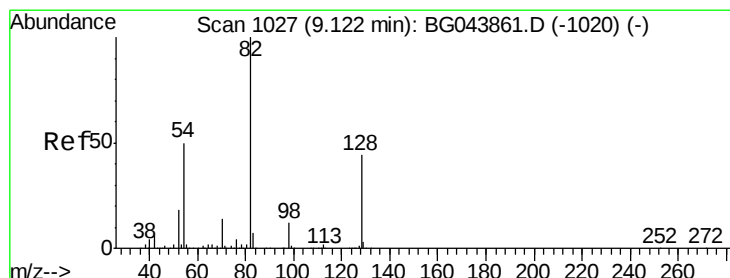
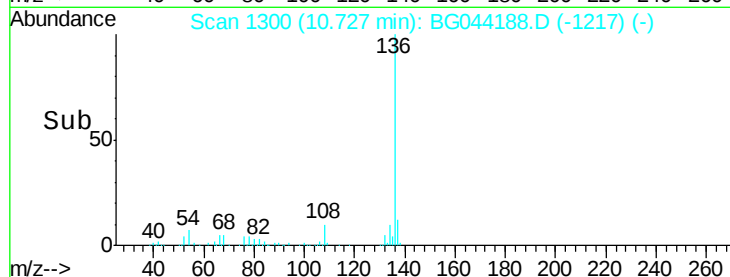
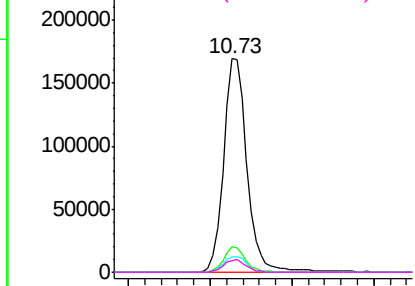
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044188.D
Acq: 24 Jan 2020 19:04

Instrument :
BNA_G
ClientSampleId :
TP-19-18-COMP

Tot Ion:136	Resp:	335087
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.8 13.2
54	7.3	7.0 10.4
68	5.4	4.9 7.3

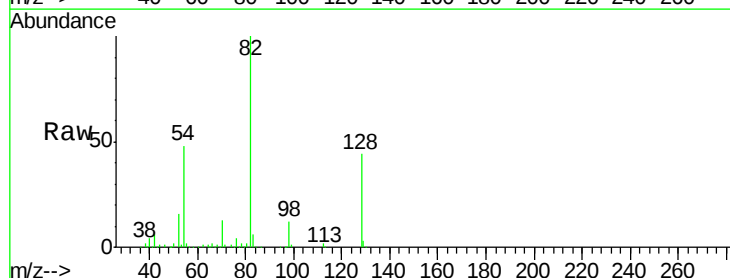


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

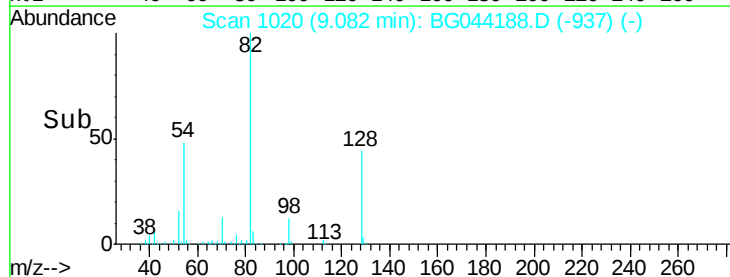
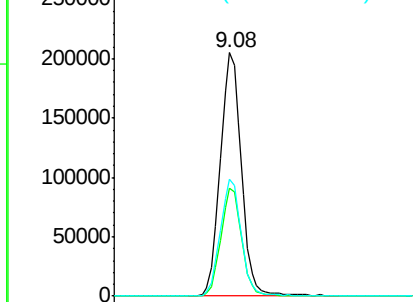


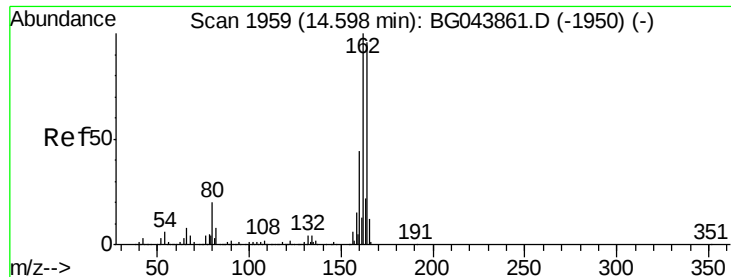
#23
Nitrobenzene-d5
Concen: 62.197 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044188.D
Acq: 24 Jan 2020 19:04

Tgt Ion: 82	Resp:	389592
Ion	Ratio	Lower Upper
82	100	
128	44.1	35.1 52.7
54	48.2	40.1 60.1



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

Instrument :

BNA_G

ClientSampleId :

TP-19-18-COMP

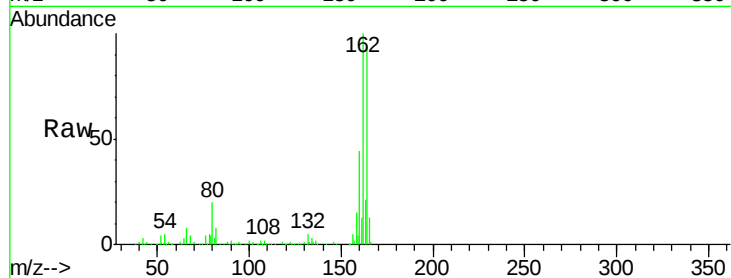
Tot Ion:164 Resp: 228340

Ion Ratio Lower Upper

164 100

162 106.2 83.0 124.4

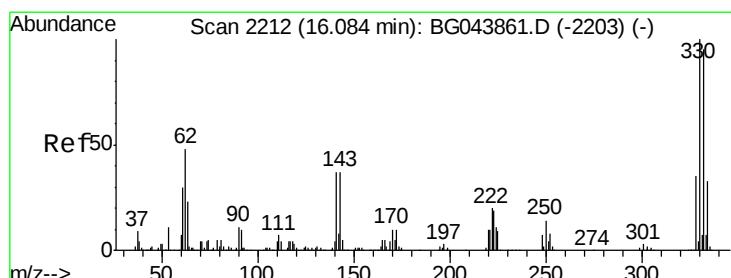
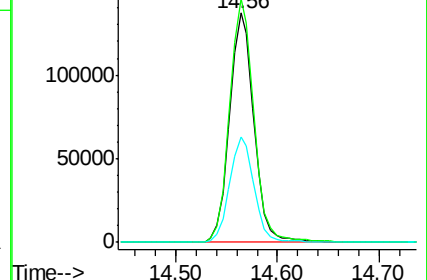
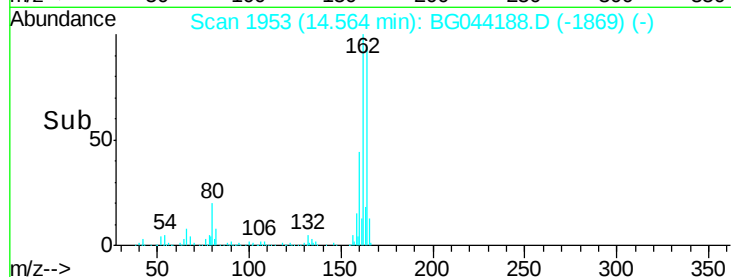
160 46.2 36.1 54.1



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: 97.058 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

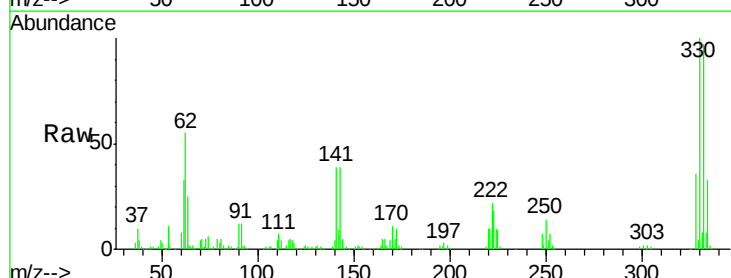
Tgt Ion:330 Resp: 231922

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

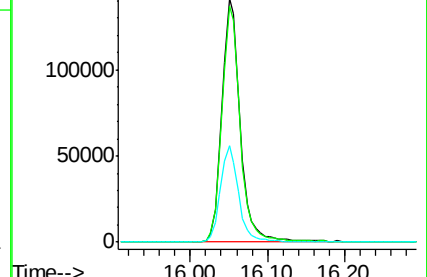
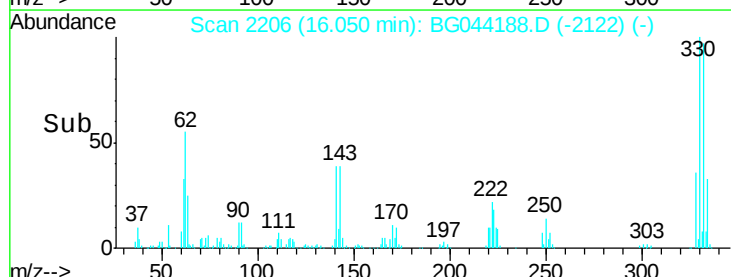
141 39.1 33.1 49.7



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

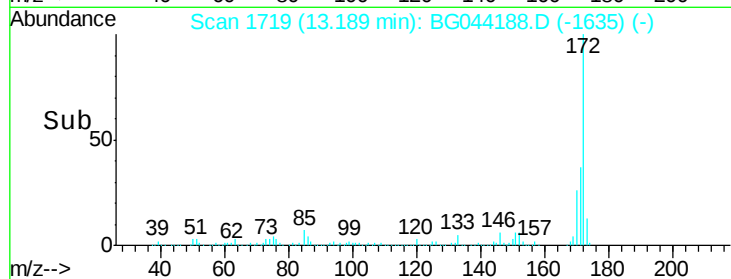
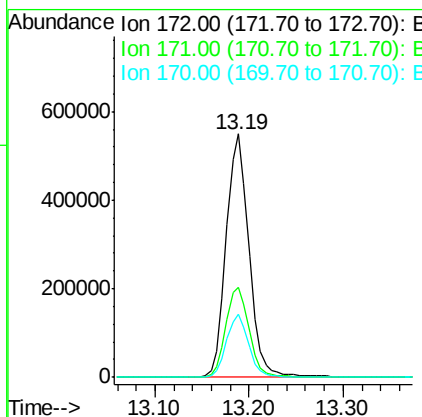
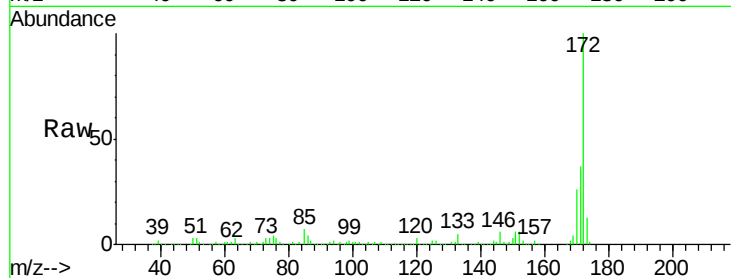




#45
2-Fluorobiphenyl
Concen: 73.979 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044188.D
Acq: 24 Jan 2020 19:04

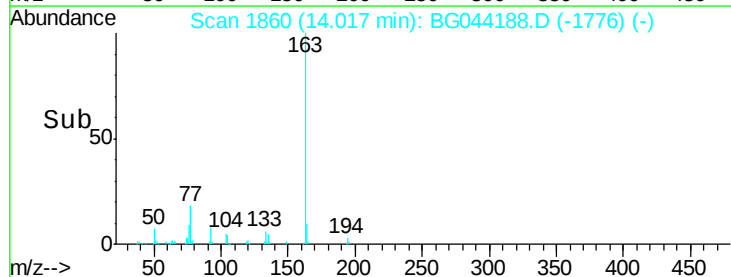
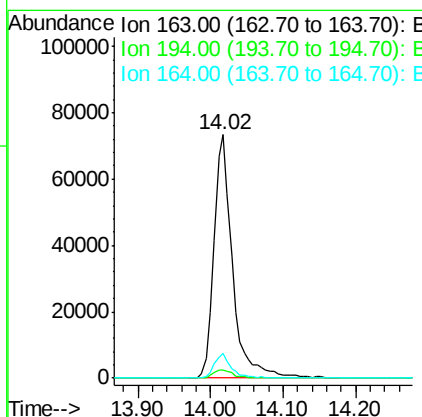
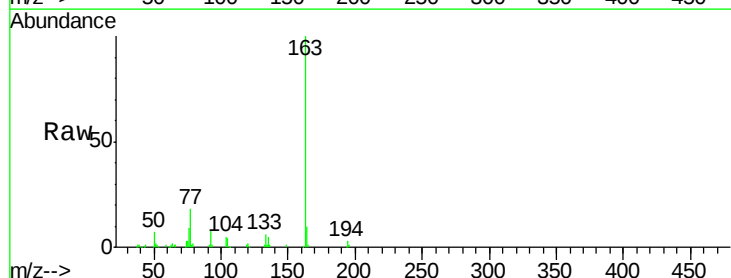
Instrument :
BNA_G
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TP-19-18-COMP

Tot Ion:172 Resp: 932364
Ion Ratio Lower Upper
172 100
171 37.0 35.8 53.8
170 25.8 24.2 36.4



#50
Dimethylphthalate
Concen: 8.097 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044188.D
Acq: 24 Jan 2020 19:04

Tgt Ion:163 Resp: 131285
Ion Ratio Lower Upper
163 100
194 3.3 3.7 5.5#
164 10.2 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

Instrument :

BNA_G

ClientSampleId :

TP-19-18-COMP

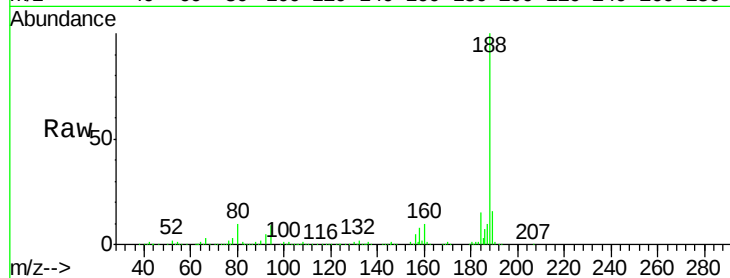
Tot Ion:188 Resp: 476828

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

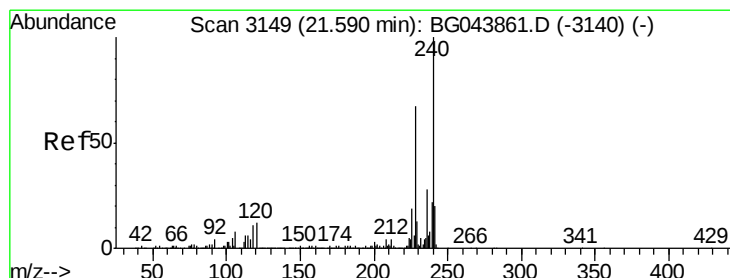
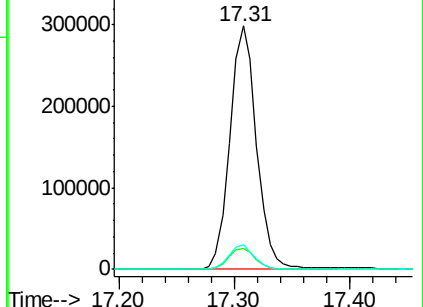
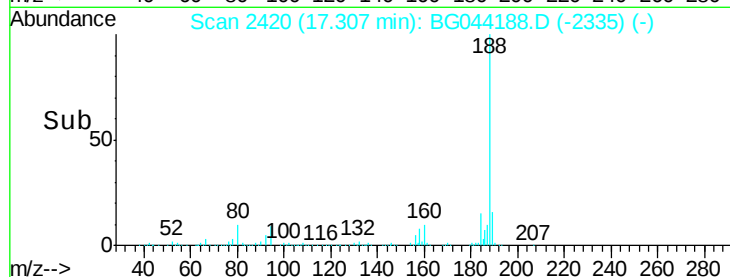
80 10.1 8.2 12.4



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

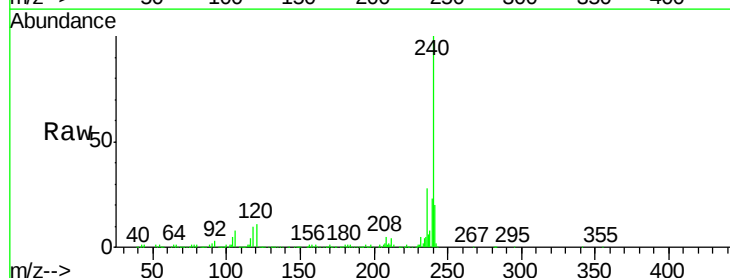
Tgt Ion:240 Resp: 412125

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

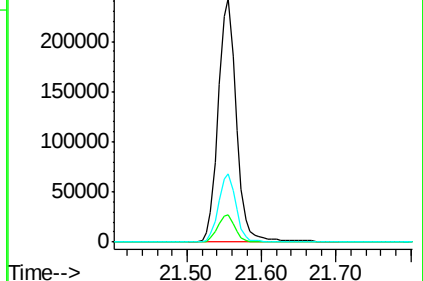
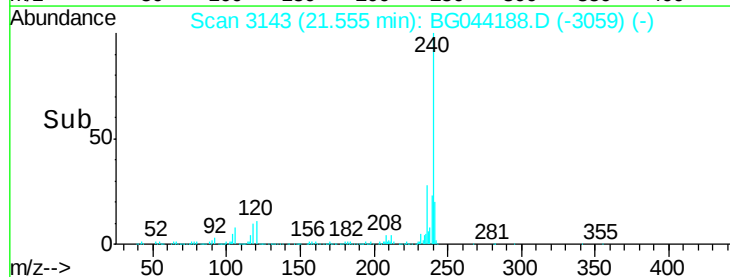
236 27.9 22.2 33.2

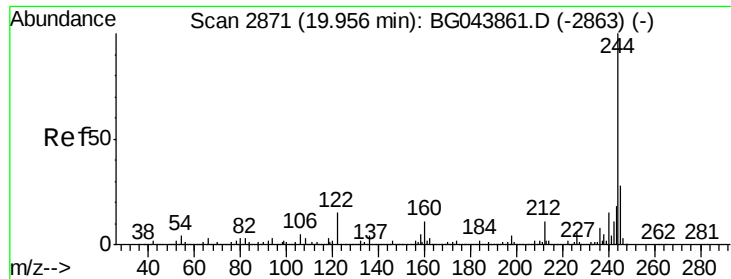


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.051 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

Instrument :

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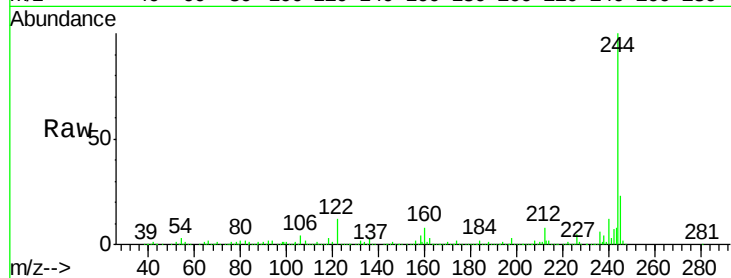
Tot Ion:244 Resp: 1350885

Ion Ratio Lower Upper

244 100

212 8.4 8.6 13.0#

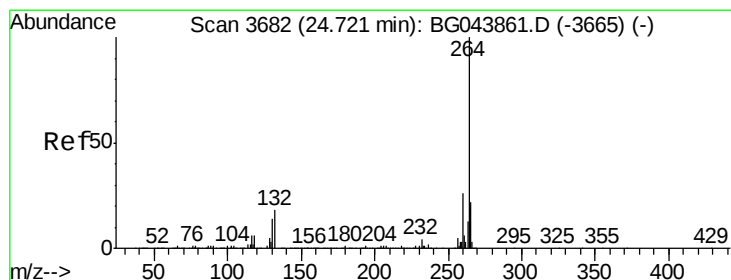
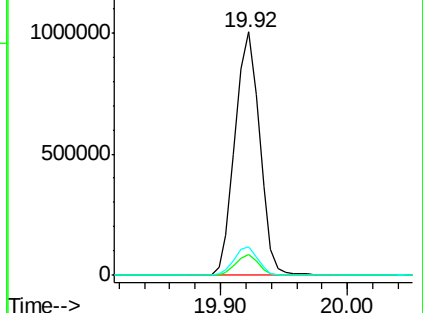
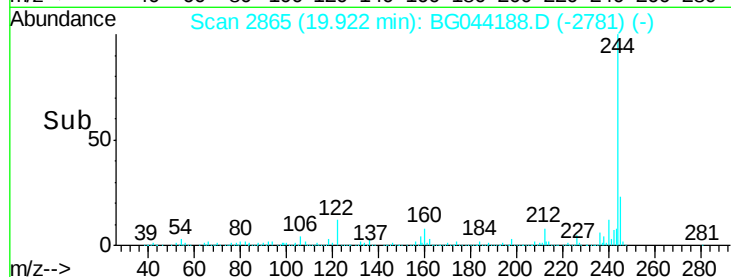
122 12.0 11.9 17.9



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044188.D

Acq: 24 Jan 2020 19:04

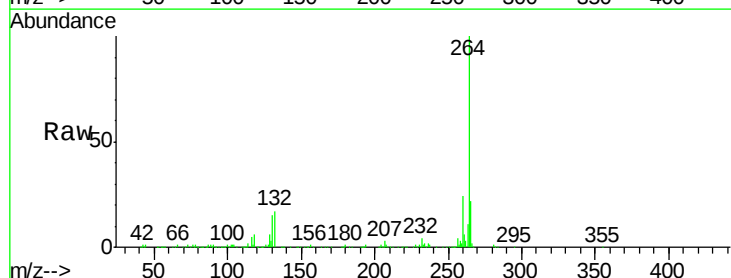
Tgt Ion:264 Resp: 457367

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.6 17.4 26.2



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

