

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040880.D
 Acq On : 11 May 2019 19:13
 Operator : HP/JU
 Sample : K2767-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1824-01

Quant Time: May 13 04:02:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

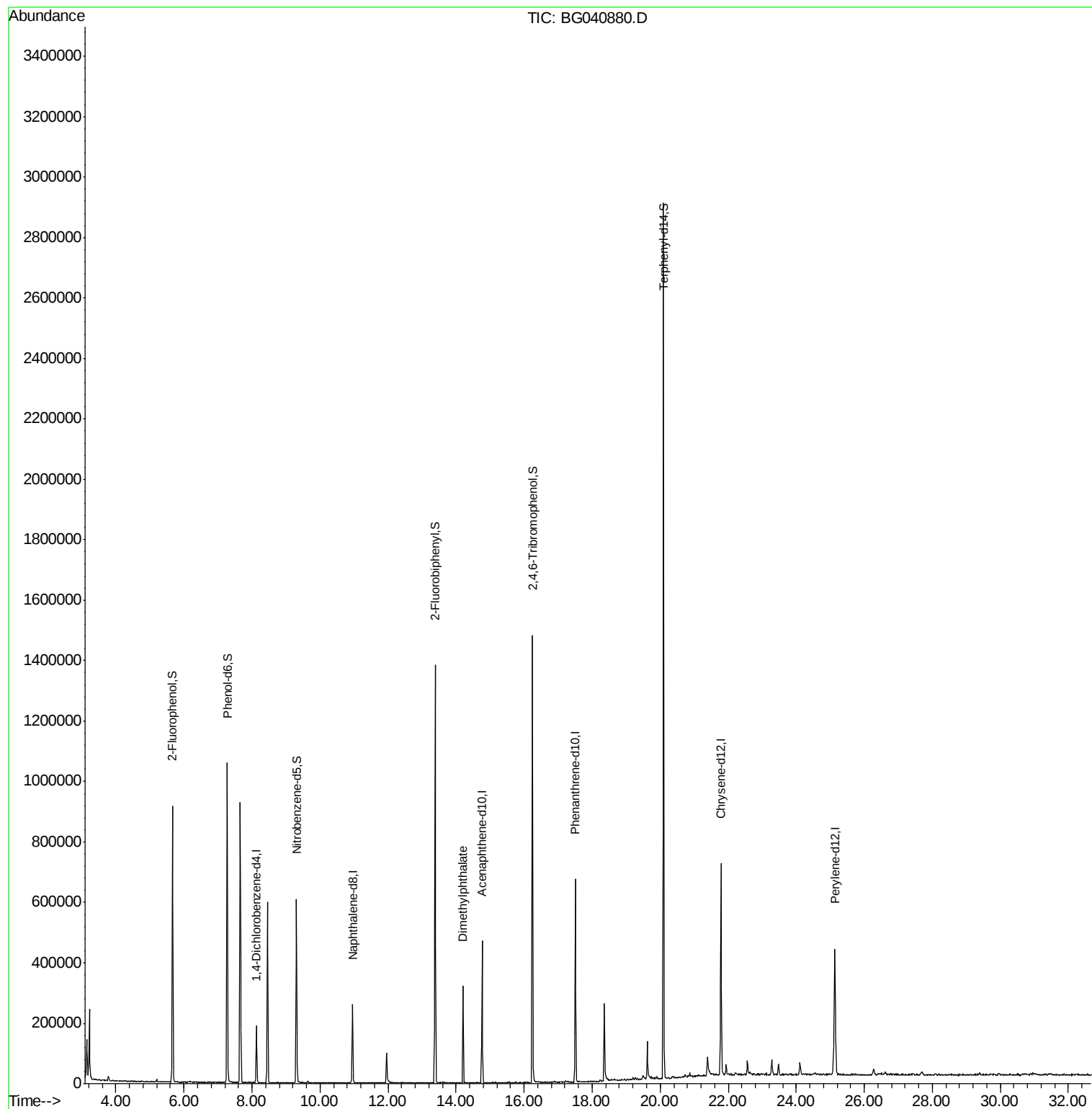
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50383	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	198343	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	155207	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	412146	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	444901	20.00	ng	-0.04
87) Perylene-d12	25.13	264	461336	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	351703	123.05	ng	-0.02
7) Phenol-d6	7.27	99	545806	124.02	ng	-0.02
23) Nitrobenzene-d5	9.31	82	362497	84.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	281551	131.98	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	699731	65.11	ng	-0.03
79) Terphenyl-d14	20.10	244	1381941	68.81	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	194375	14.968	ng	Qvalue 99

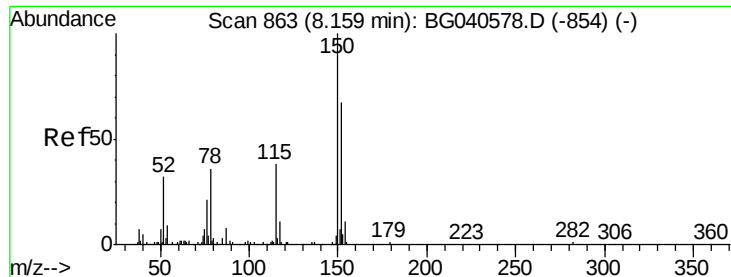
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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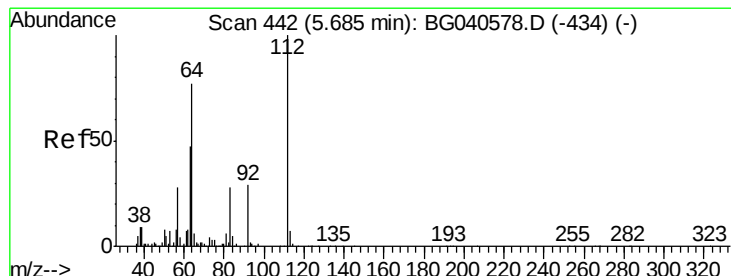
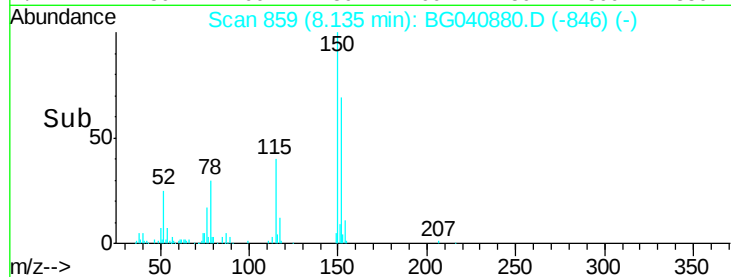
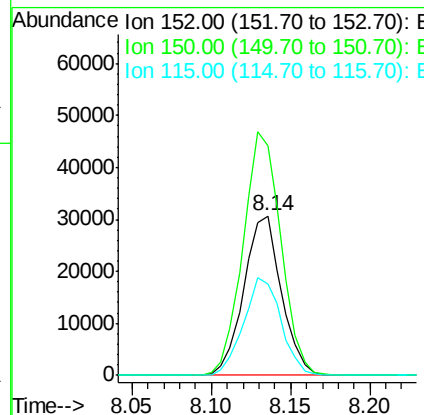
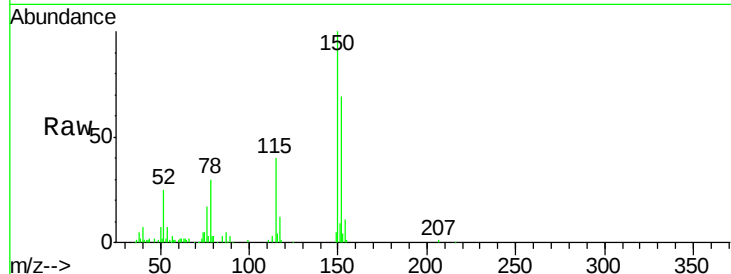


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

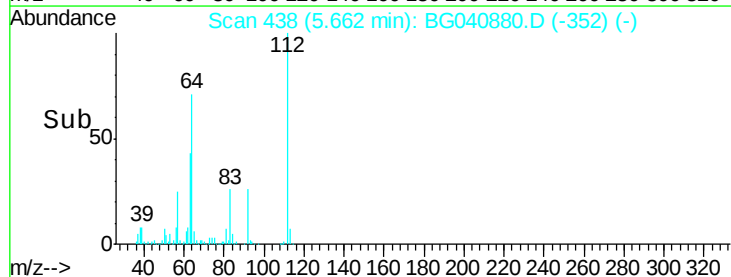
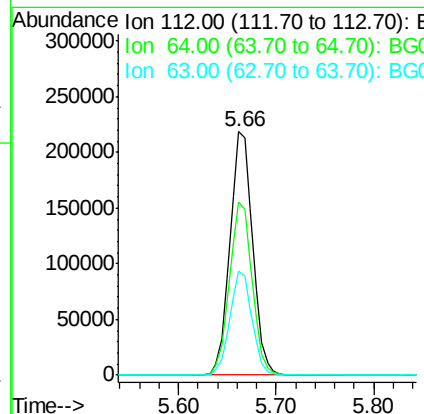
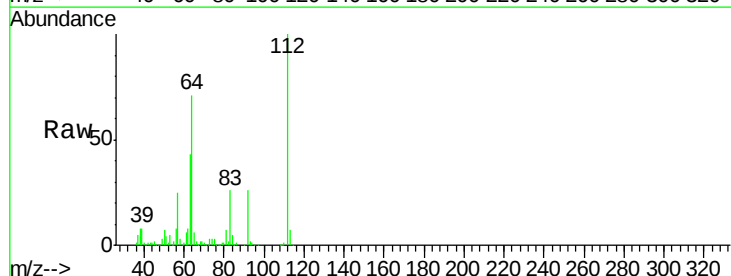
Tgt Ion:152 Resp: 50383
Ion Ratio Lower Upper
152 100
150 144.5 120.2 180.2
115 57.2 46.2 69.2



#5

2-Fluorophenol
Concen: 123.051 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Tgt Ion:112 Resp: 351703
Ion Ratio Lower Upper
112 100
64 71.3 61.4 92.0
63 42.9 37.8 56.6





#7

Phenol-d6

Concen: 124.025 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

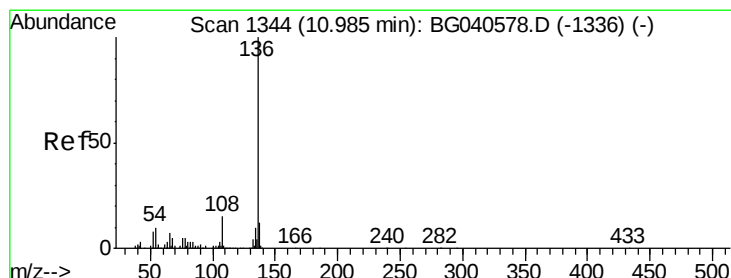
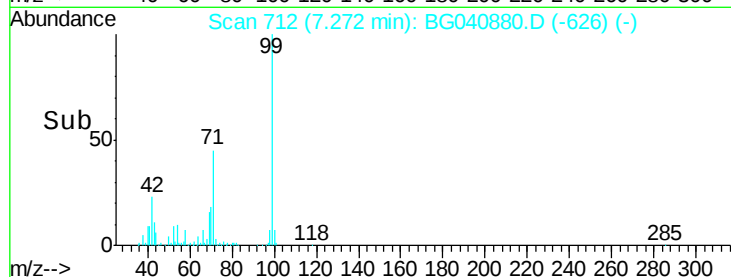
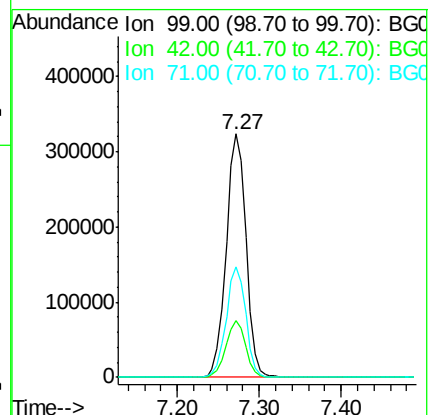
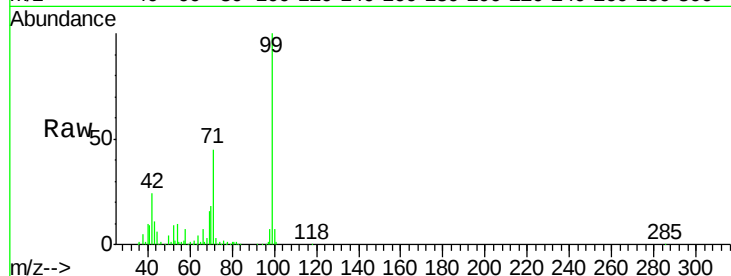
Tgt Ion: 99 Resp: 545806

Ion Ratio Lower Upper

99 100

42 23.5 21.8 32.8

71 45.2 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Tgt Ion: 136 Resp: 198343

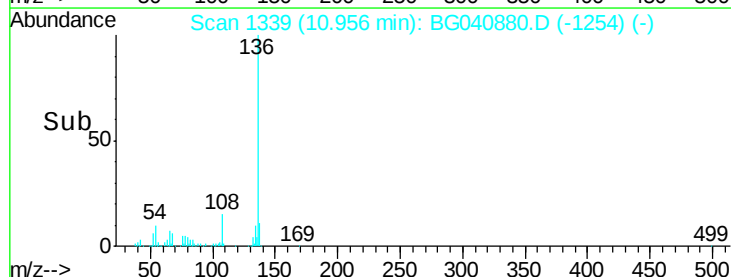
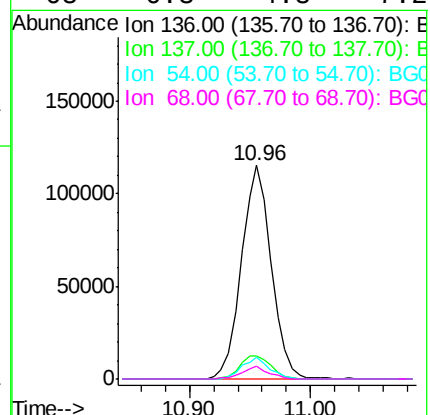
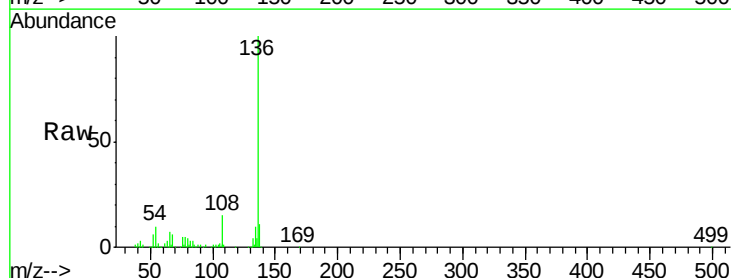
Ion Ratio Lower Upper

136 100

137 10.9 9.7 14.5

54 10.0 8.6 12.8

68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.448 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

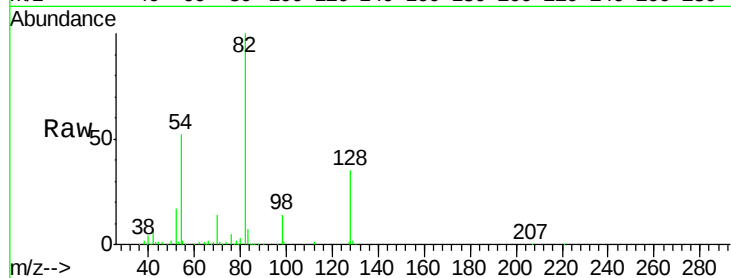
Tgt Ion: 82 Resp: 362497

Ion Ratio Lower Upper

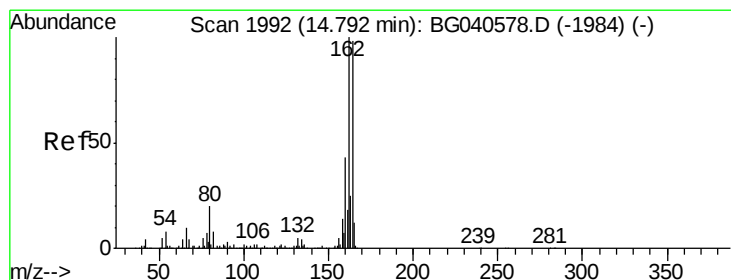
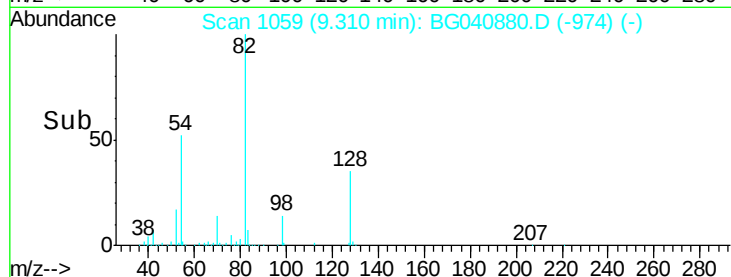
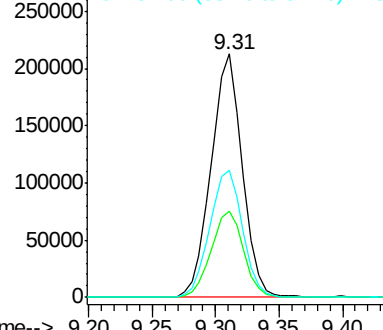
82 100

128 35.3 28.9 43.3

54 52.5 47.2 70.8



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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

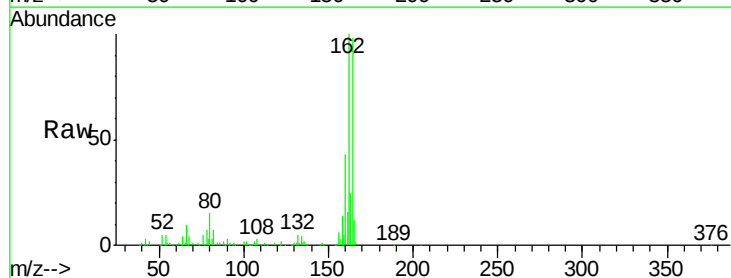
Tgt Ion: 164 Resp: 155207

Ion Ratio Lower Upper

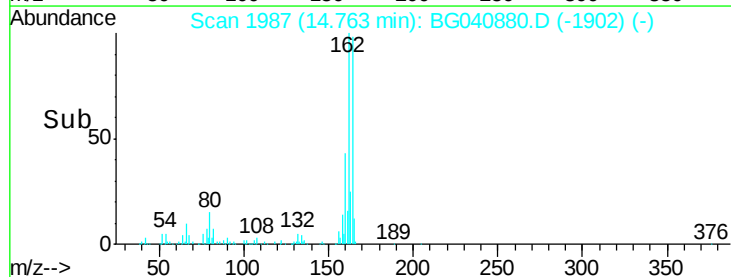
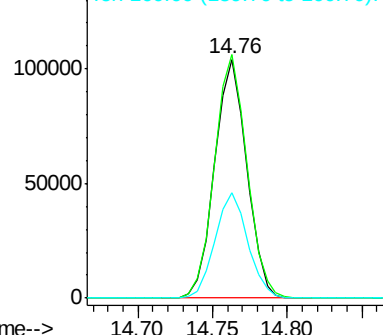
164 100

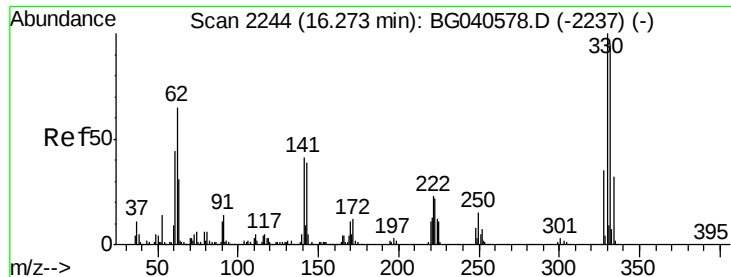
162 101.8 81.9 122.9

160 43.9 35.4 53.2



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

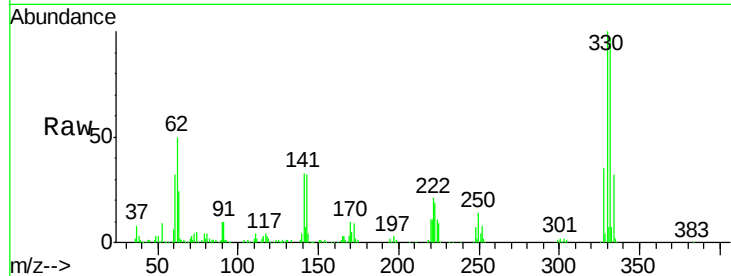




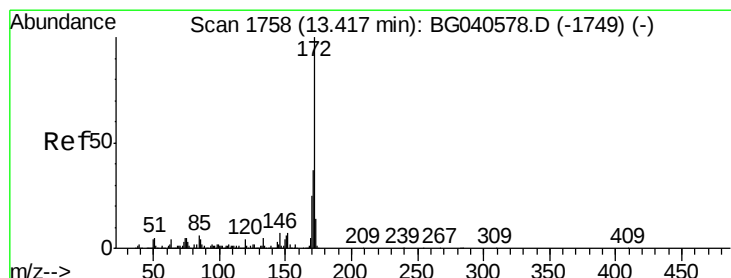
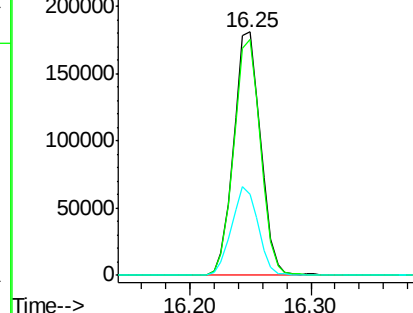
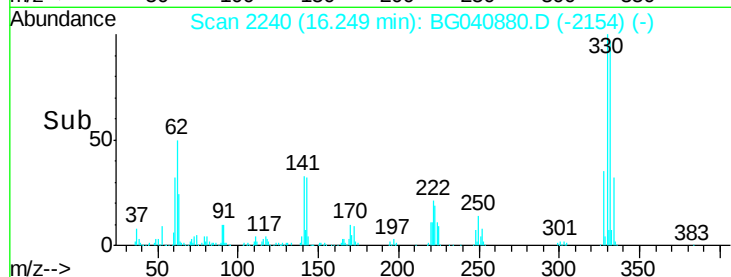
#42
 2,4,6-Tribromophenol
 Concen: 131.976 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040880.D
 Acq: 11 May 2019 19:13

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1824-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.9	113.9
141	36.0	32.4	48.6

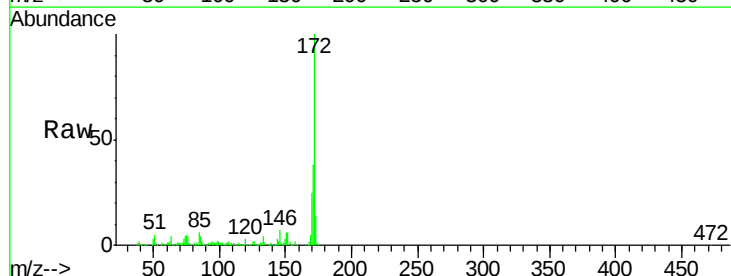


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

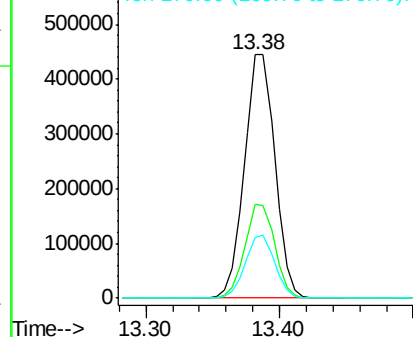
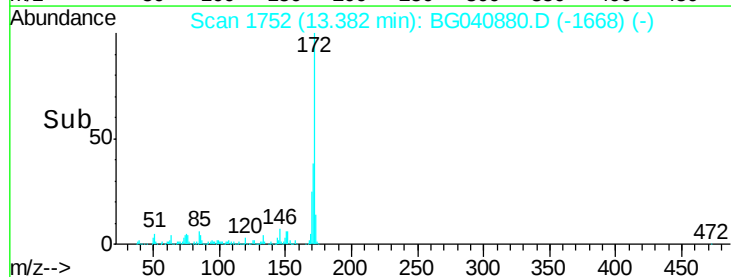


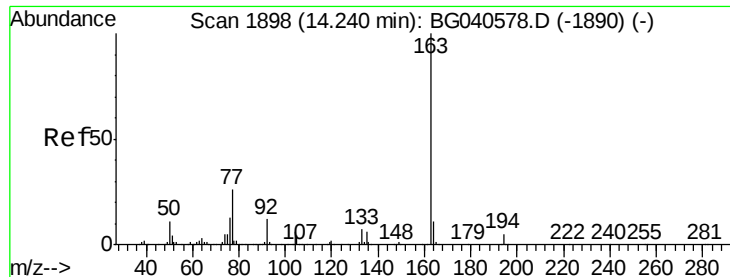
#45
 2-Fluorobiphenyl
 Concen: 65.110 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040880.D
 Acq: 11 May 2019 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	24.8	19.9	29.9



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: 14.968 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

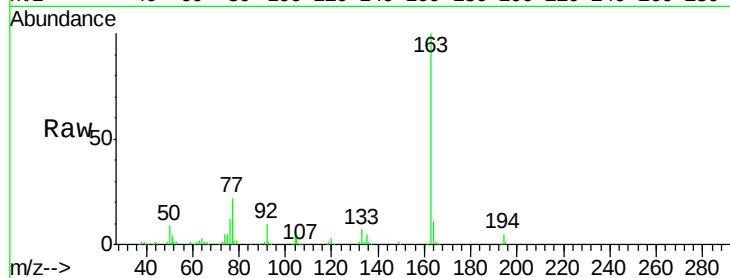
Instrument :

BNA_G

ClientSampleId :

P026-SS012-1824-01

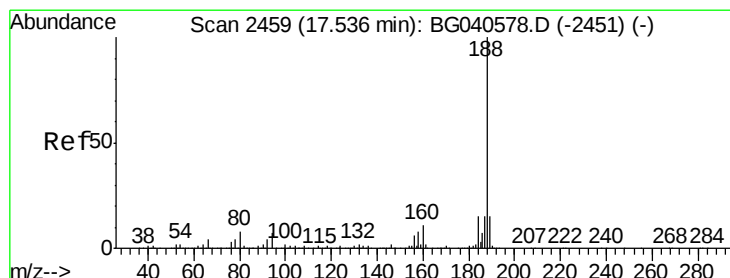
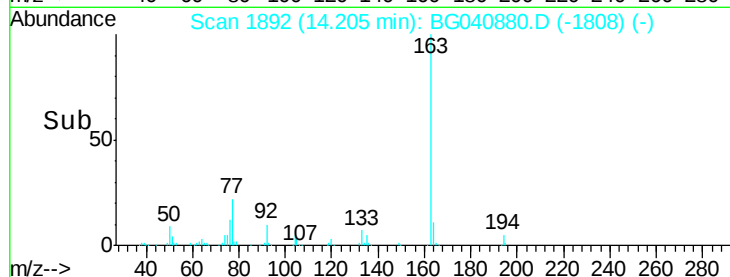
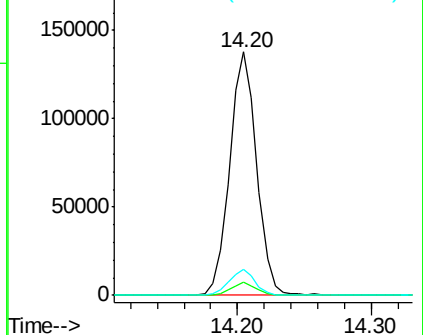
Tgt Ion:	163	Resp:	194375
Ion Ratio		Lower	Upper
163	100		
194	5.3	3.8	5.8
164	10.6	8.8	13.2



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

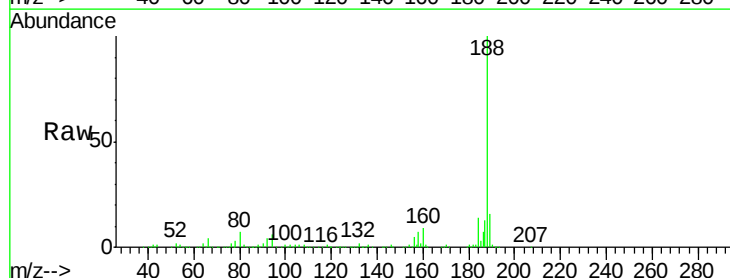
RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

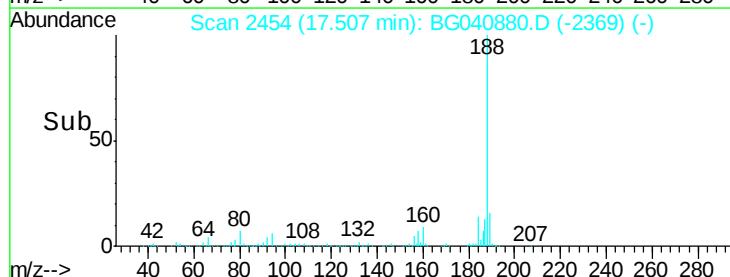
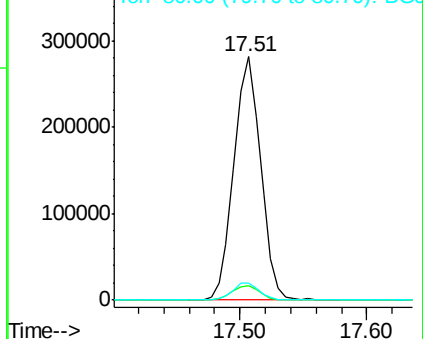
Tgt Ion:	188	Resp:	412146
Ion Ratio		Lower	Upper
188	100		
94	5.8	5.6	8.4
80	7.2	6.4	9.6

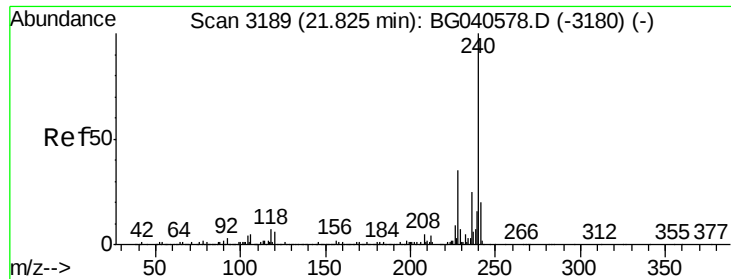


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.78 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

Instrument :

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ClientSampleId :

P026-SS012-1824-01

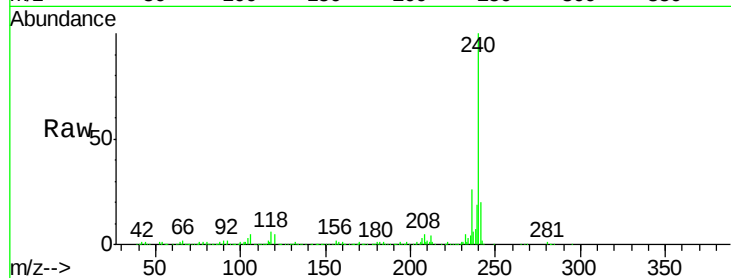
Tgt Ion:240 Resp: 444901

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

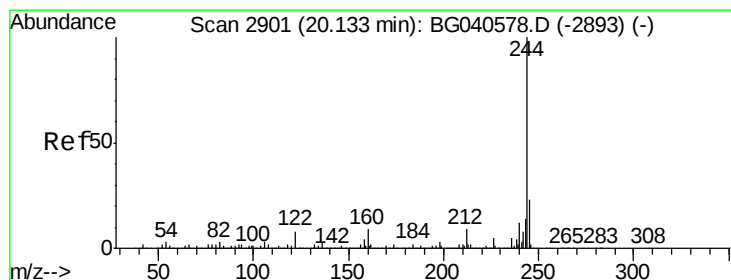
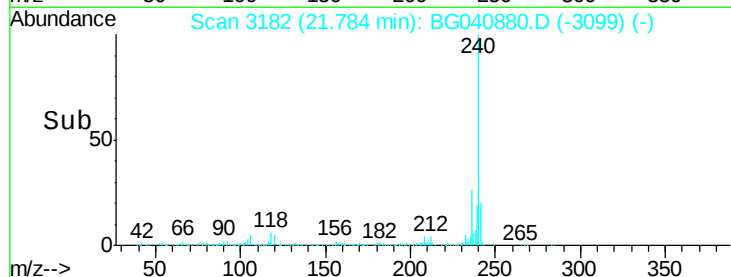
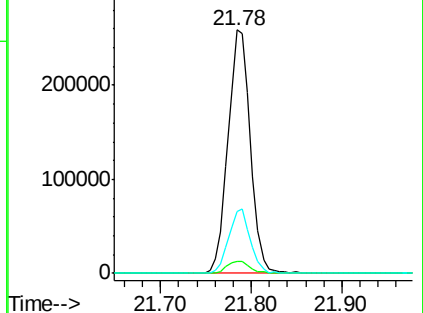
236 25.5 20.3 30.5



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: 68.815 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040880.D

Acq: 11 May 2019 19:13

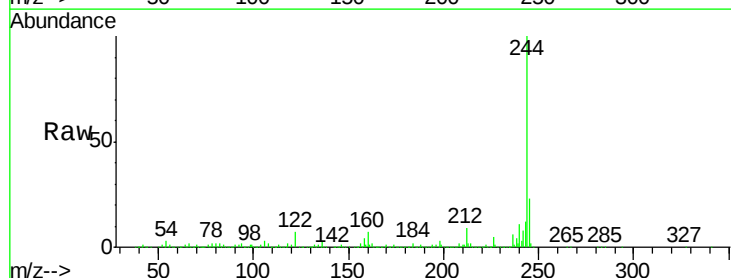
Tgt Ion:244 Resp: 1381941

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

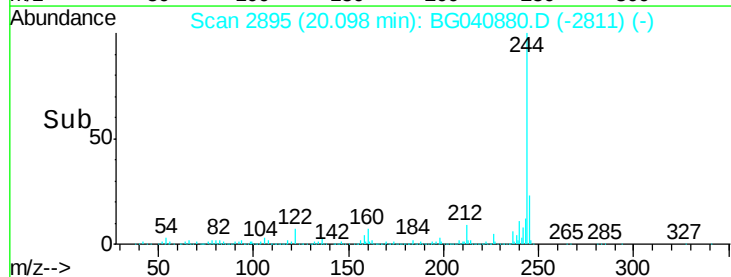
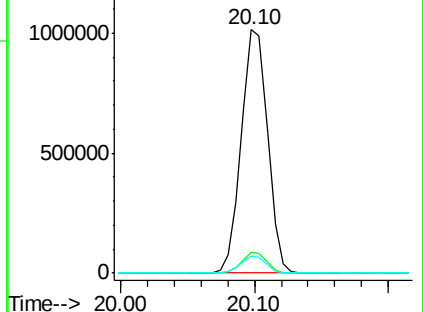
122 7.2 6.6 10.0

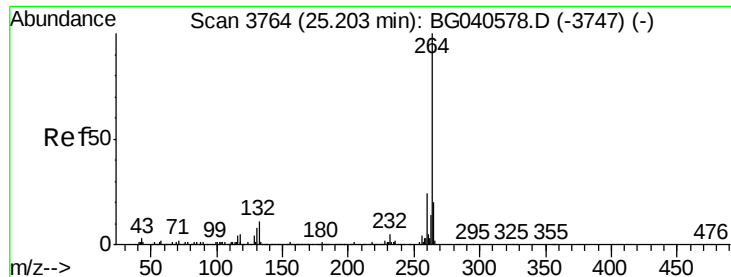


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

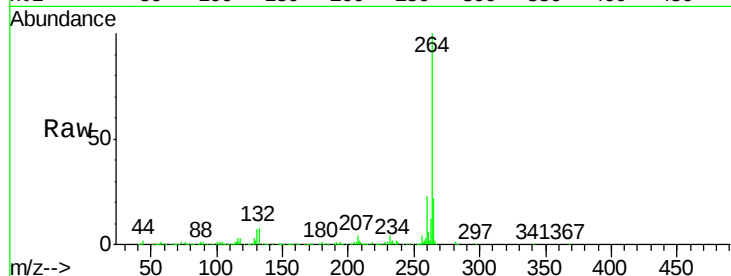




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040880.D
Acq: 11 May 2019 19:13

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	16.6	25.0



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

