

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040867.D
 Acq On : 11 May 2019 4:54
 Operator : HP/JU
 Sample : K2762-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS001-0002-02

Quant Time: May 11 06:50:32 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

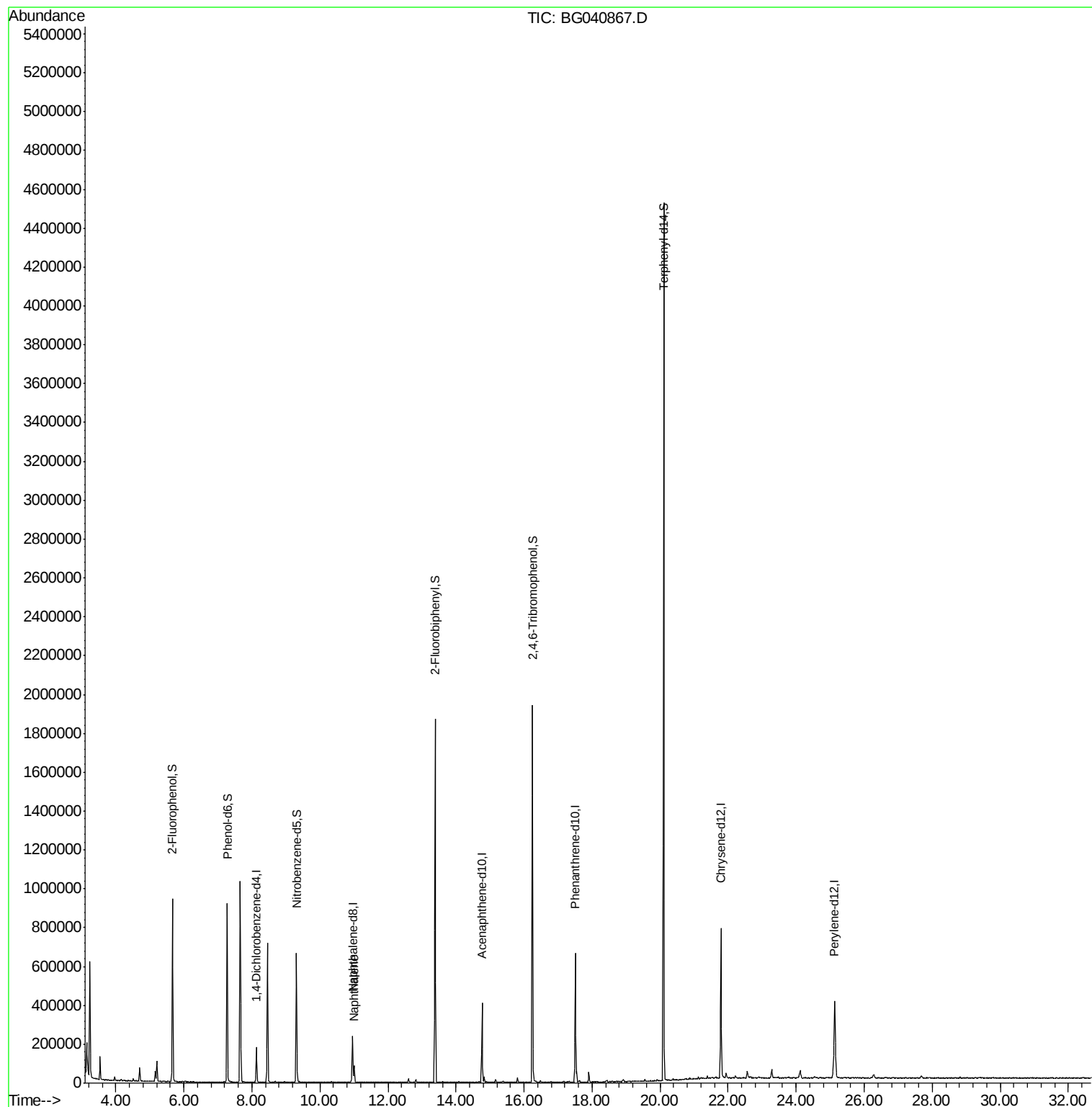
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47827	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	187422	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	144629	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	407017	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	465260	20.00	ng	-0.04
87) Perylene-d12	25.14	264	475737	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	356354	131.34	ng	-0.02
7) Phenol-d6	7.27	99	467896	112.00	ng	-0.02
23) Nitrobenzene-d5	9.31	82	402626	99.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	363517	182.86	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	923740	92.24	ng	-0.03
79) Terphenyl-d14	20.11	244	2083479	99.21	ng	-0.03
Target Compounds						
31) Naphthalene	11.00	128	68208	6.850	ng	Qvalue 97

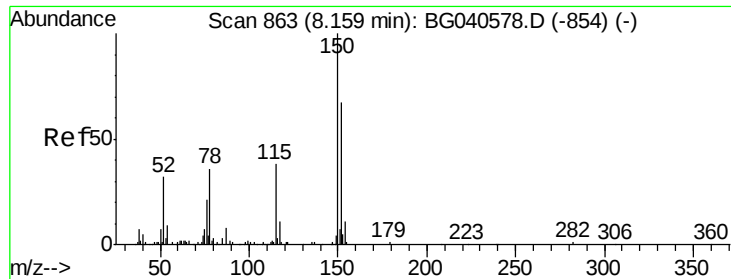
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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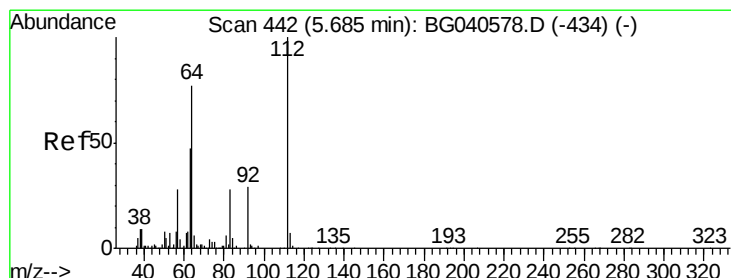
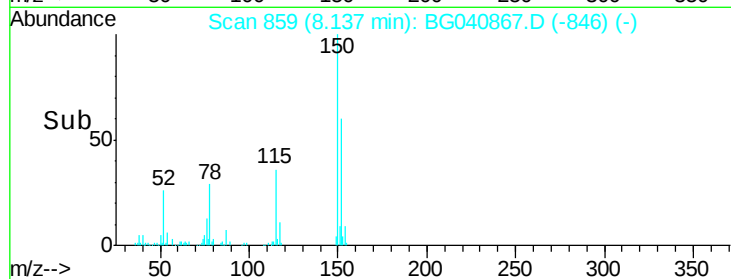
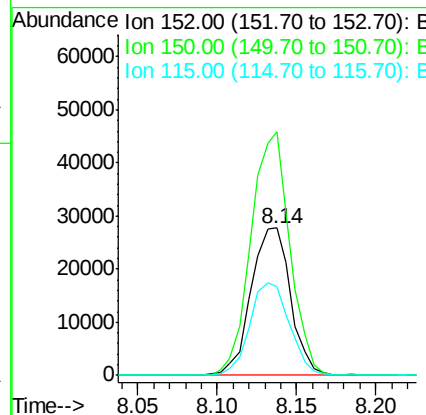
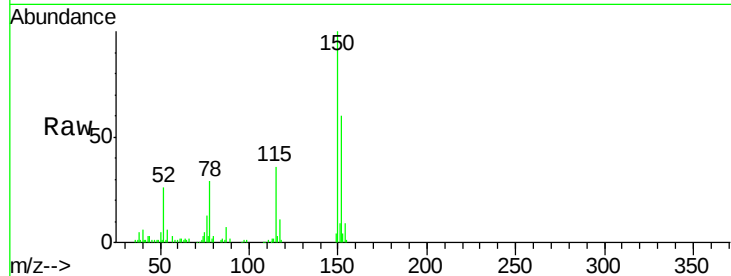


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040867.D
Acq: 11 May 2019 4:54

Instrument :
BNA_G
ClientSampleId :
P021-SS001-0002-02

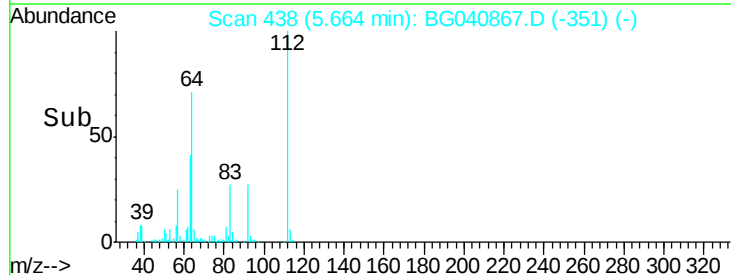
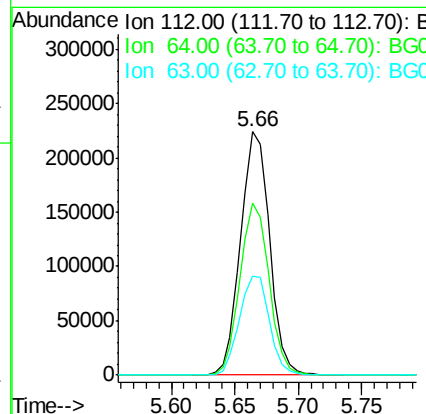
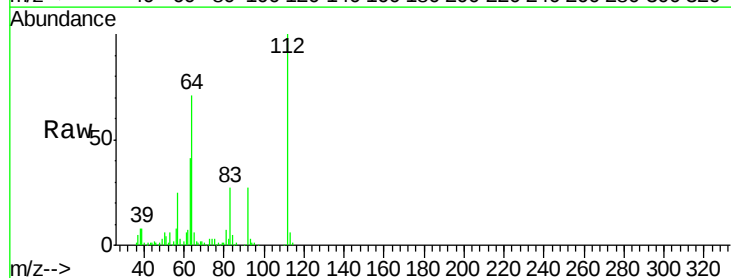
Tgt Ion:152 Resp: 47827
Ion Ratio Lower Upper
152 100
150 165.6 120.2 180.2
115 60.4 46.2 69.2

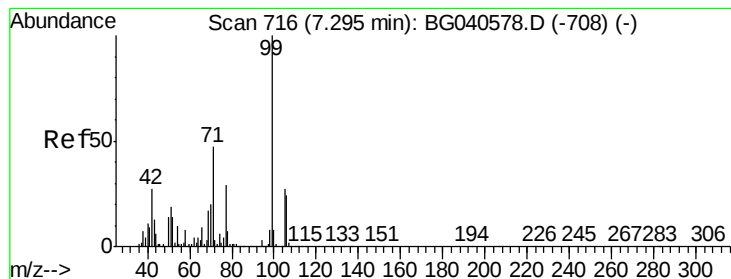


#5

2-Fluorophenol
Concen: 131.342 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040867.D
Acq: 11 May 2019 4:54

Tgt Ion:112 Resp: 356354
Ion Ratio Lower Upper
112 100
64 70.8 61.4 92.0
63 40.7 37.8 56.6





#7

Phenol-d6

Concen: 112.003 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040867.D

Acq: 11 May 2019 4:54

Instrument :

BNA_G

ClientSampleId :

P021-SS001-0002-02

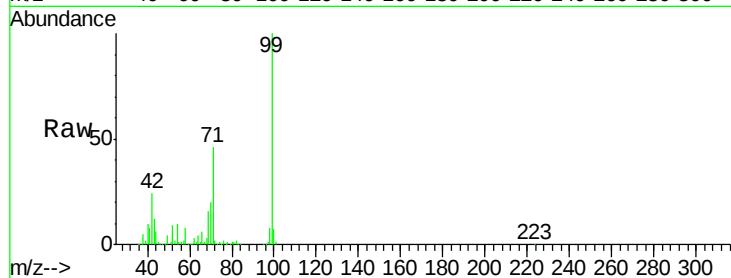
Tgt Ion: 99 Resp: 467896

Ion Ratio Lower Upper

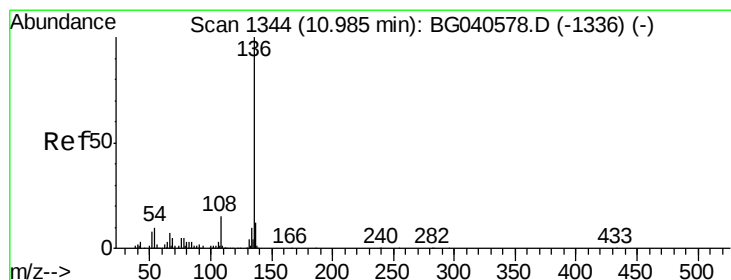
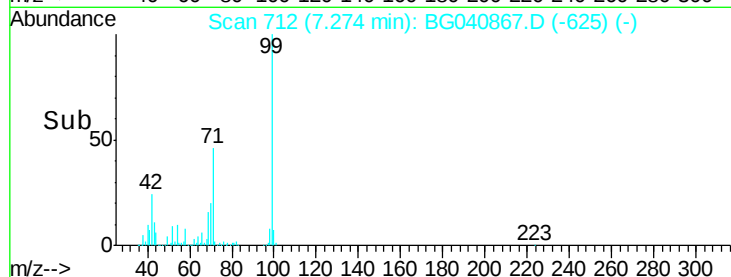
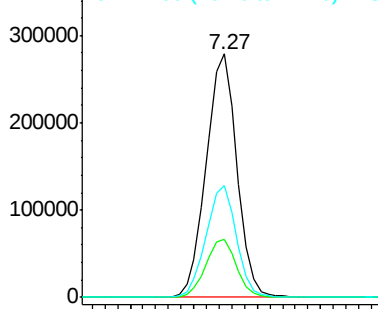
99 100

42 23.9 21.8 32.8

71 46.0 38.6 57.8



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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040867.D

Acq: 11 May 2019 4:54

Tgt Ion: 136 Resp: 187422

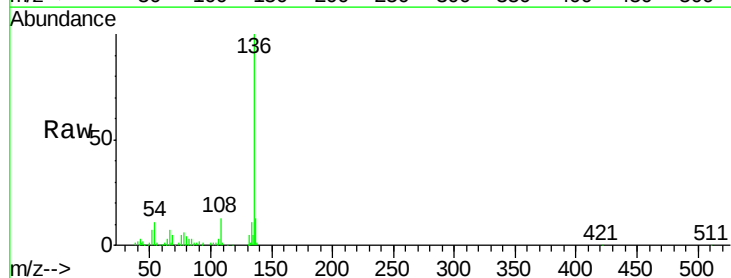
Ion Ratio Lower Upper

136 100

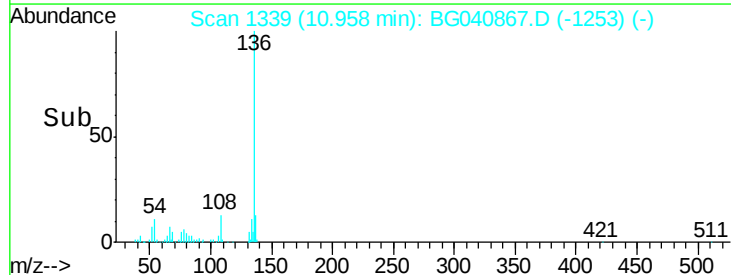
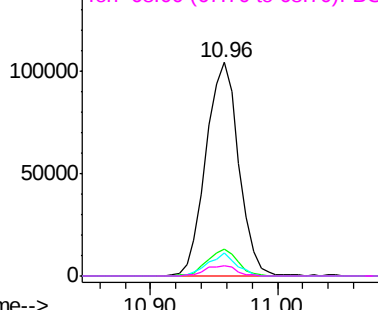
137 12.7 9.7 14.5

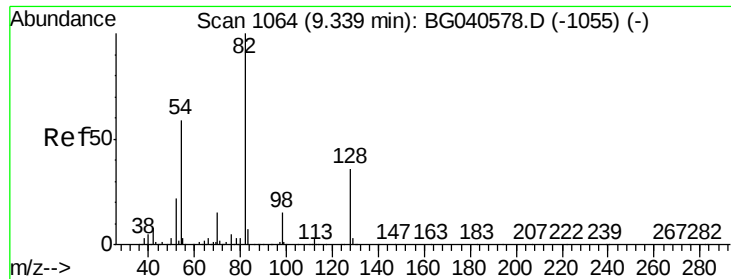
54 10.5 8.6 12.8

68 5.0 4.8 7.2



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

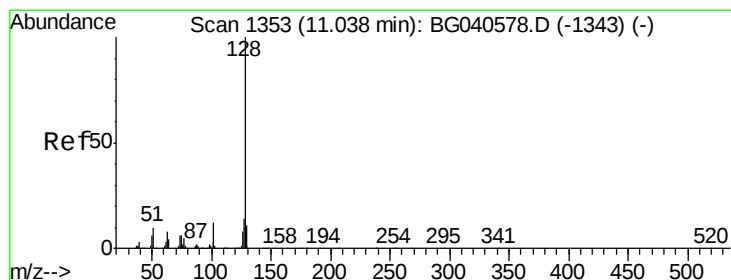
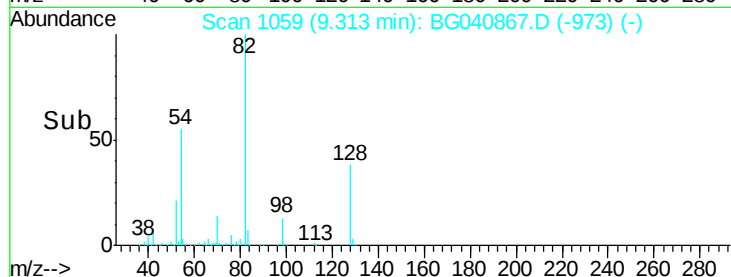
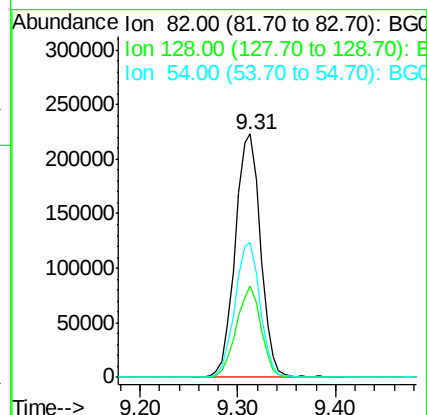
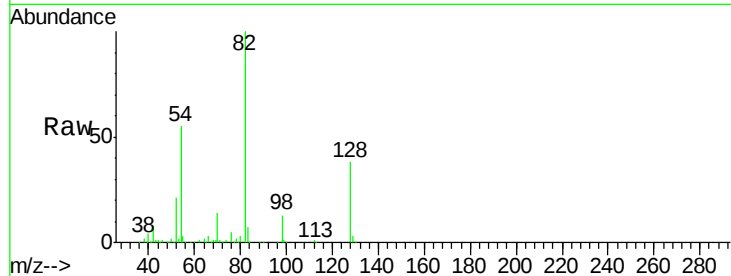




#23
 Nitrobenzene-d5
 Concen: 99.262 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040867.D
 Acq: 11 May 2019 4:54

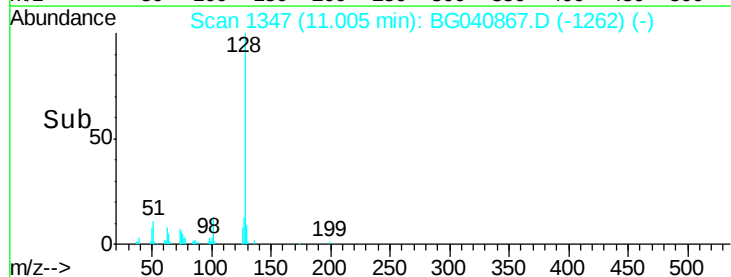
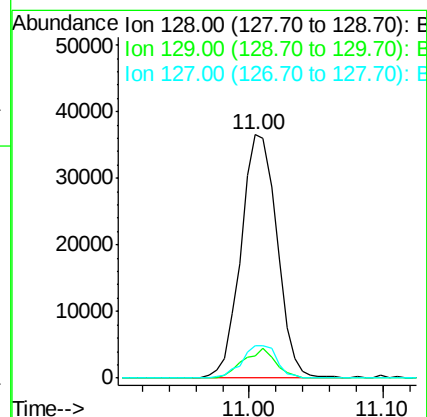
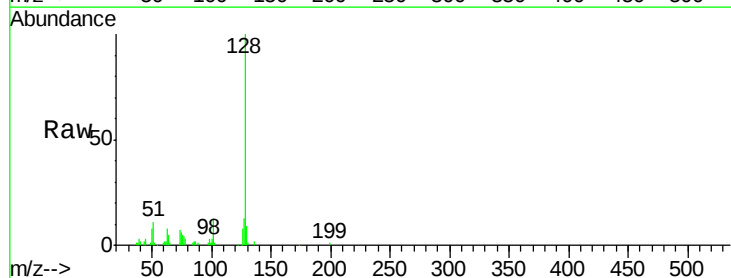
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS001-0002-02

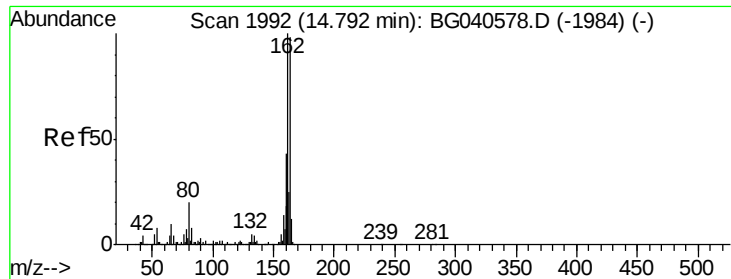
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.9	43.3
54	55.1	47.2	70.8



#31
 Naphthalene
 Concen: 6.850 ng
 RT: 11.00 min Scan# 1347
 Delta R.T. -0.03 min
 Lab File: BG040867.D
 Acq: 11 May 2019 4:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.2	9.0	13.6
127	13.5	11.3	16.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040867.D

Acq: 11 May 2019 4:54

Instrument :

BNA_G

ClientSampleId :

P021-SS001-0002-02

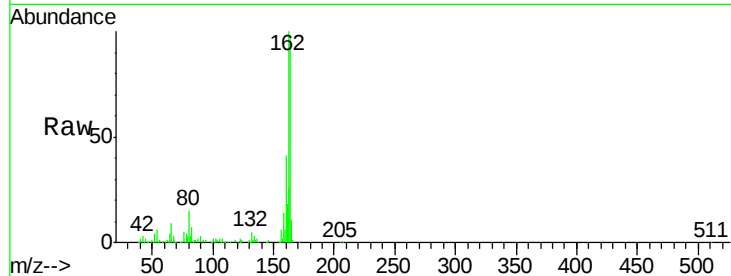
Tgt Ion:164 Resp: 144629

Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

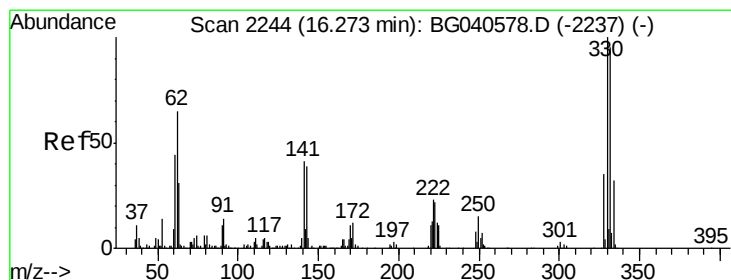
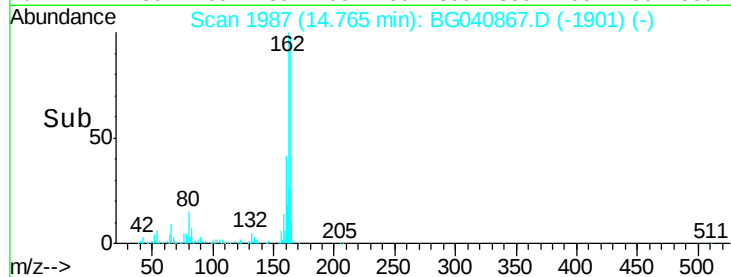
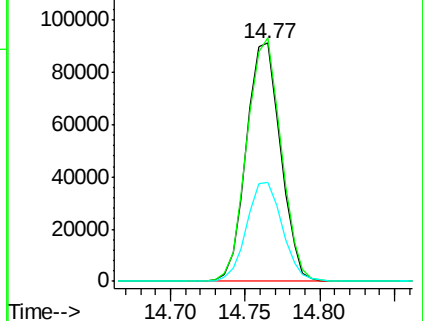
160 41.6 35.4 53.2



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: 182.859 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040867.D

Acq: 11 May 2019 4:54

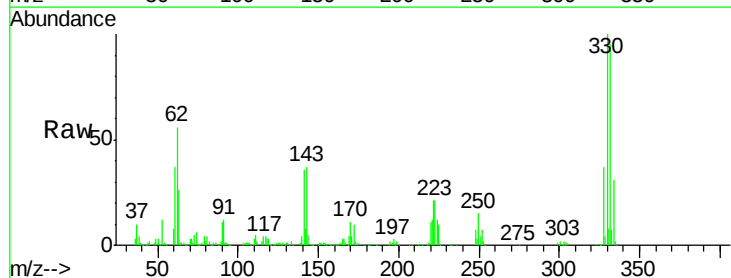
Tgt Ion:330 Resp: 363517

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

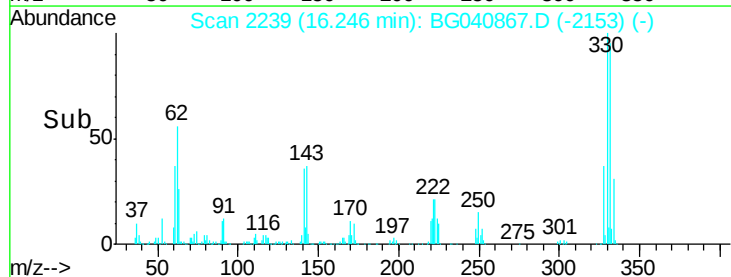
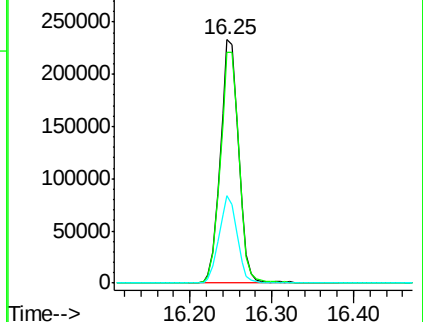
141 35.5 32.4 48.6

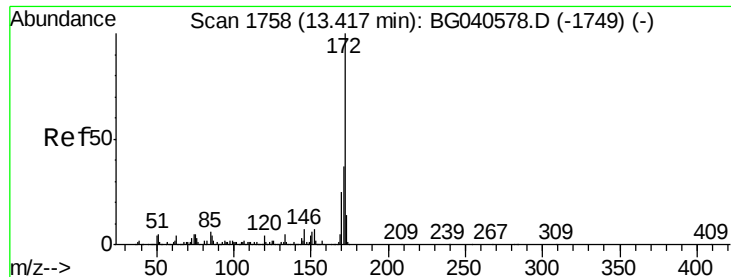


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

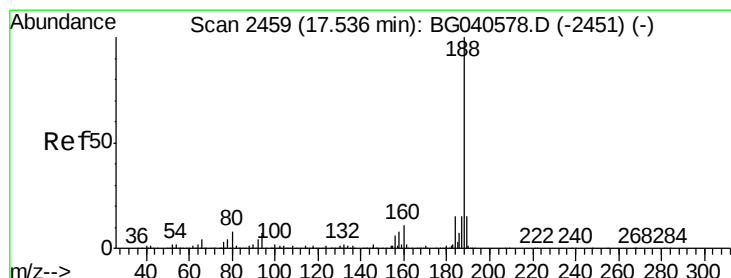
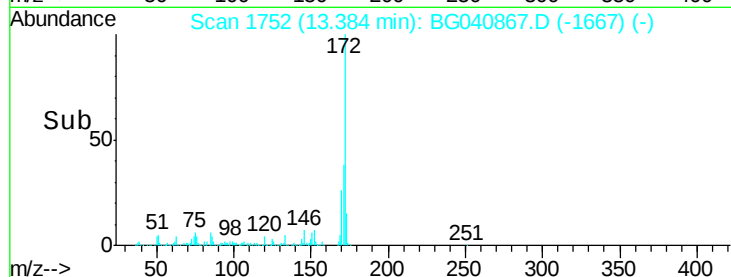
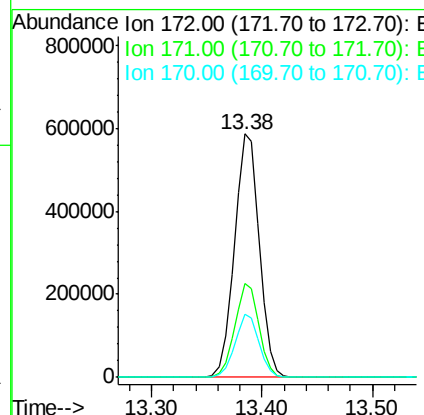
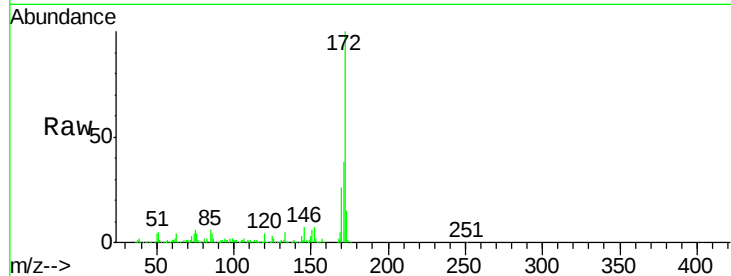




#45
 2-Fluorobiphenyl
 Concen: 92.241 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040867.D
 Acq: 11 May 2019 4:54

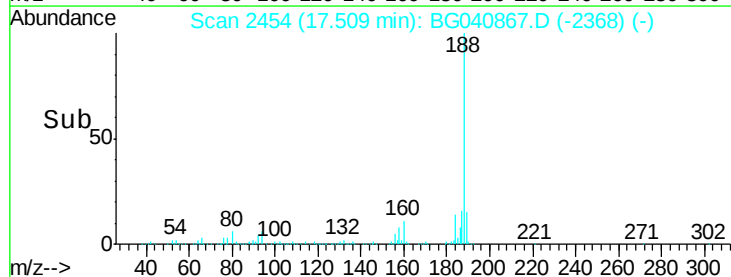
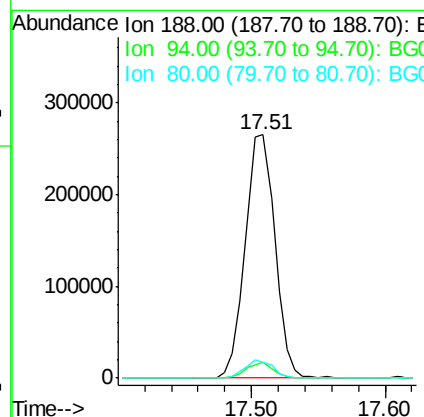
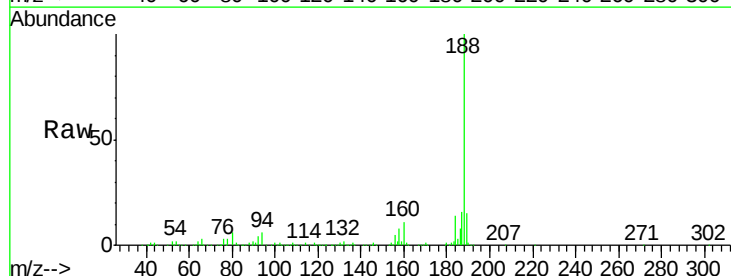
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 P021-SS001-0002-02

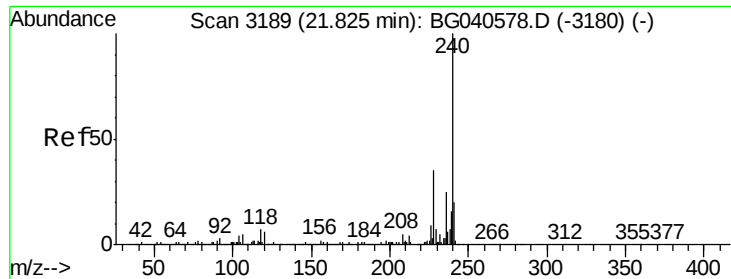
Tgt Ion:	172	Resp:	923740
Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.9	19.9	29.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040867.D
 Acq: 11 May 2019 4:54

Tgt Ion:	188	Resp:	407017
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	6.5	6.4	9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040867.D

Acq: 11 May 2019 4:54

Instrument :

BNA_G

ClientSampleId :

P021-SS001-0002-02

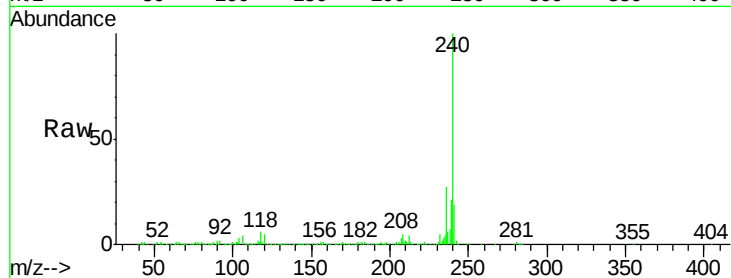
Tgt Ion:240 Resp: 465260

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

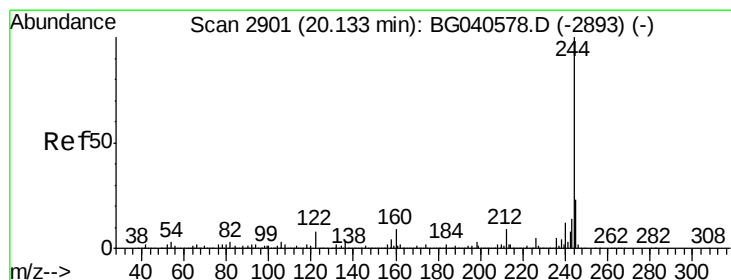
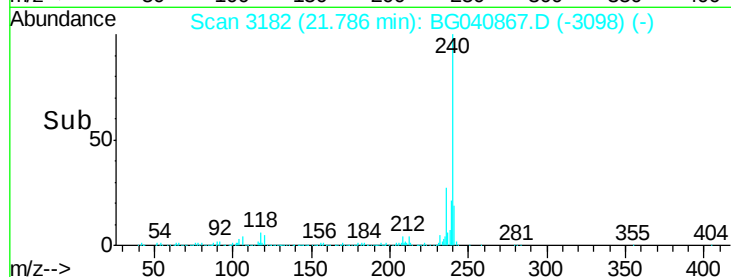
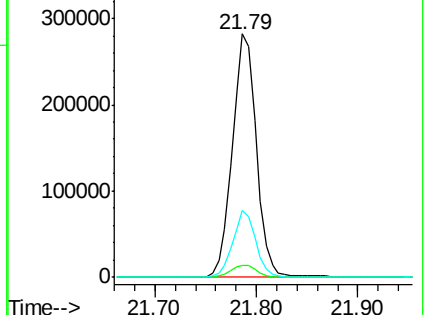
236 27.4 20.3 30.5



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: 99.209 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040867.D

Acq: 11 May 2019 4:54

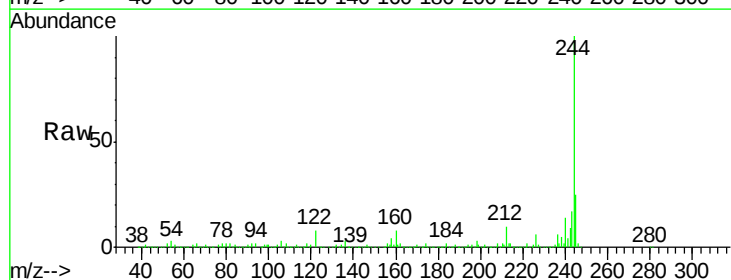
Tgt Ion:244 Resp: 2083479

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

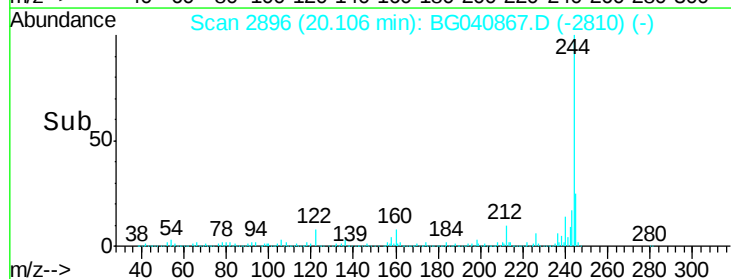
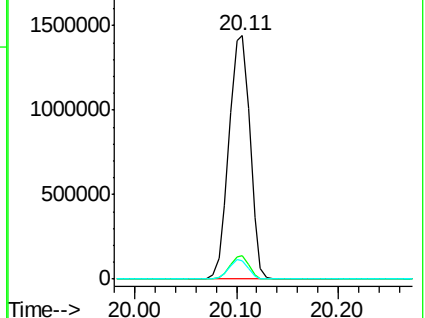
122 7.7 6.6 10.0

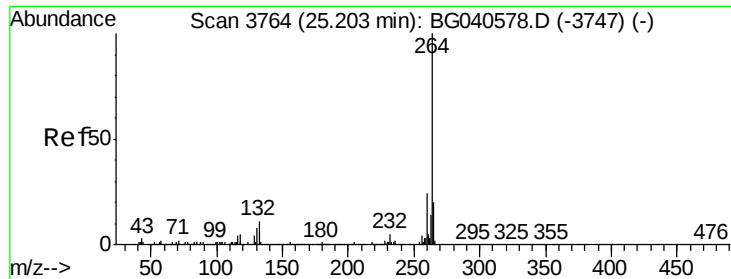


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.14 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040867.D
Acq: 11 May 2019 4:54

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Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	23.3	16.6	25.0

