

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040876.D
 Acq On : 11 May 2019 16:41
 Operator : HP/JU
 Sample : PB119645BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BL

Quant Time: May 12 05:36:52 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	8.13	152	50165	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	204281	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	152392	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	417155	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	464240	20.00	ng	-0.04
87) Perylene-d12	25.13	264	480532	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	367495	129.14	ng	-0.02
7) Phenol-d6	7.27	99	525119	119.84	ng	-0.02
23) Nitrobenzene-d5	9.31	82	356027	80.53	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	291028	138.94	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	847435	80.31	ng	-0.03
79) Terphenyl-d14	20.10	244	1699916	81.12	ng	-0.03

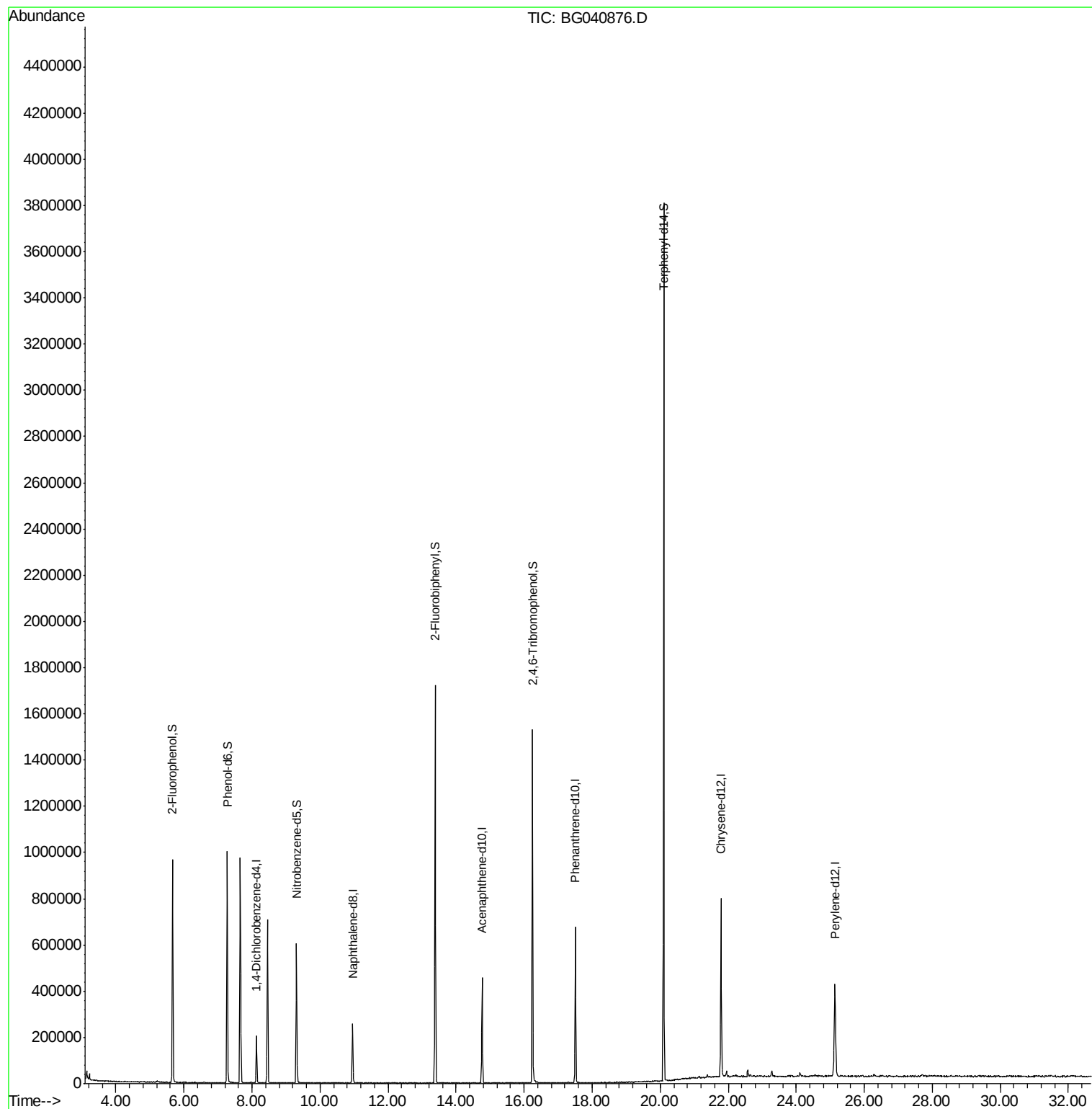
Target Compounds	Qvalue
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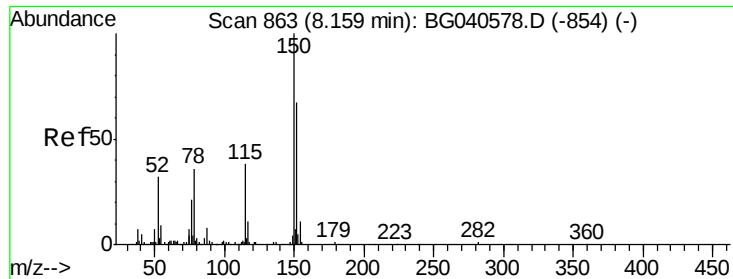
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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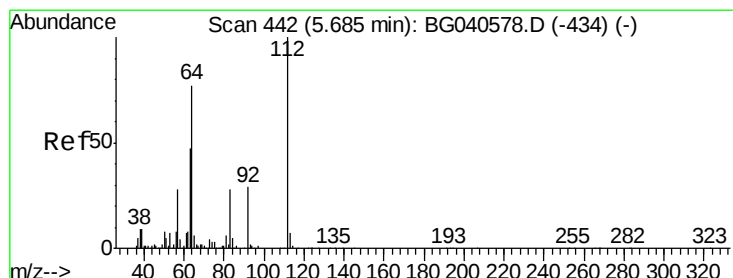
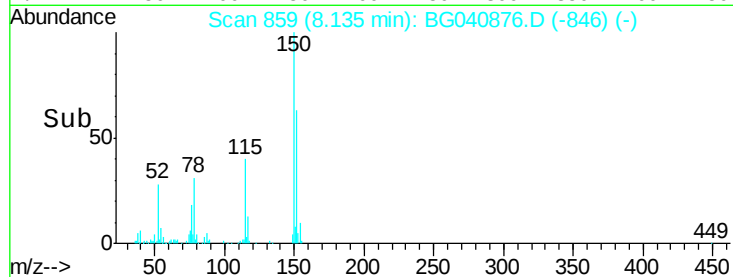
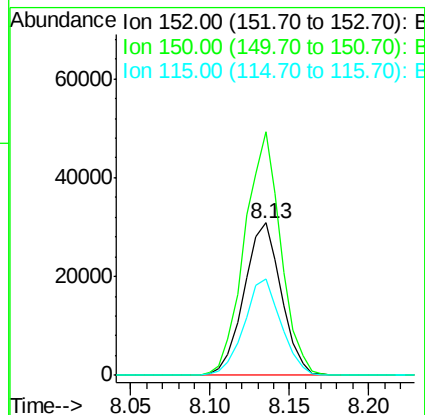
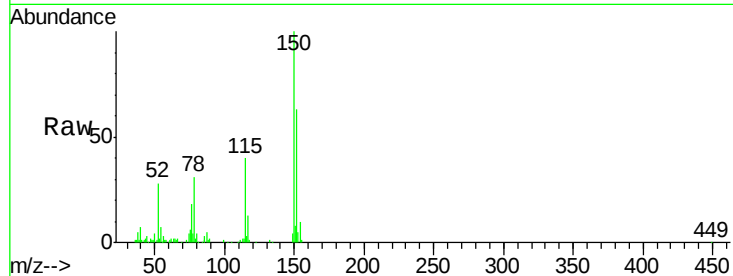


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040876.D
Acq: 11 May 2019 16:41

Instrument :
BNA_G
ClientSampleId :
PB119645BL

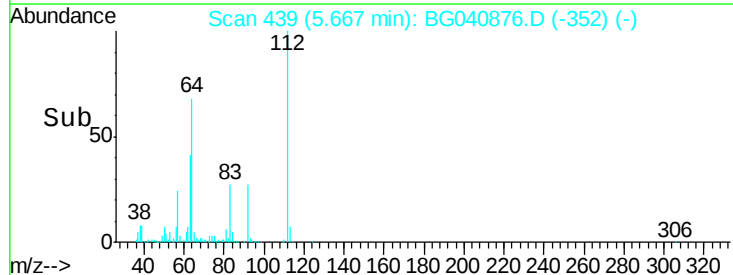
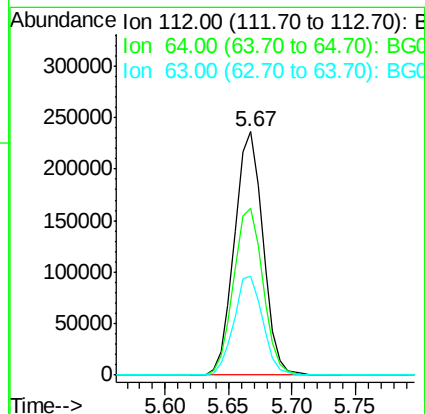
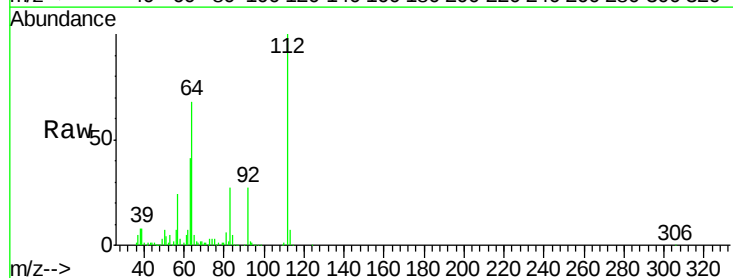
Tgt Ion:152 Resp: 50165
Ion Ratio Lower Upper
152 100
150 160.0 120.2 180.2
115 63.5 46.2 69.2

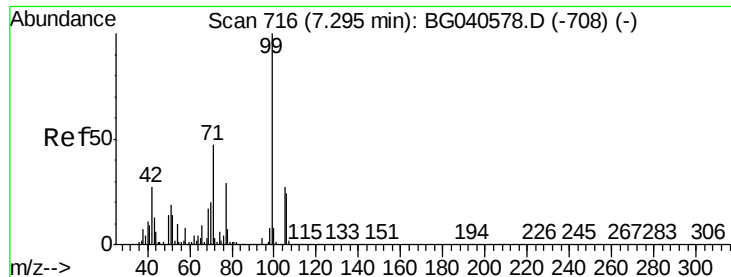


#5

2-Fluorophenol
Concen: 129.135 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040876.D
Acq: 11 May 2019 16:41

Tgt Ion:112 Resp: 367495
Ion Ratio Lower Upper
112 100
64 68.3 61.4 92.0
63 40.9 37.8 56.6





#7

Phenol-d6

Concen: 119.842 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040876.D

Acq: 11 May 2019 16:41

Instrument :

BNA_G

ClientSampleId :

PB119645BL

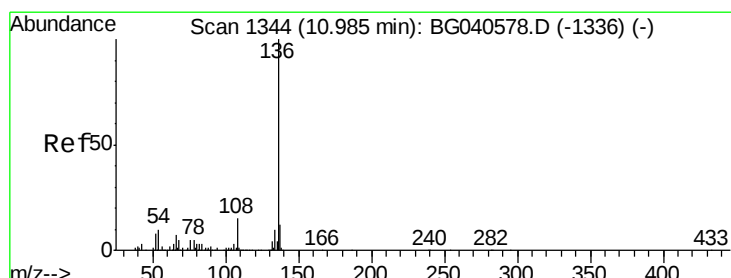
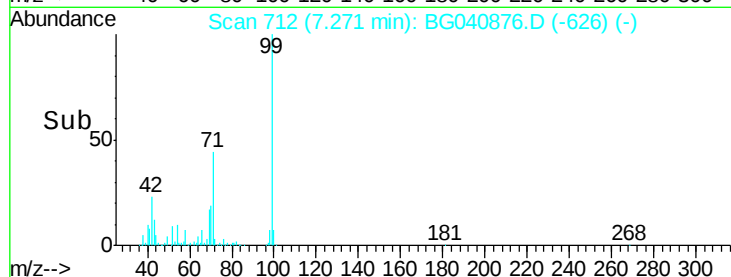
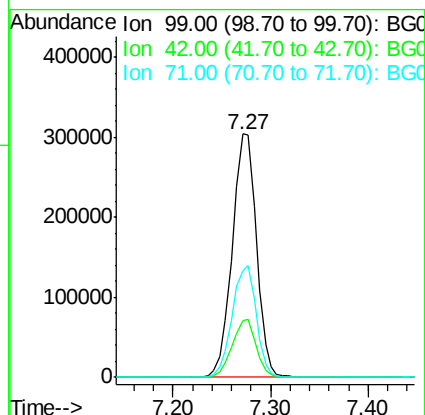
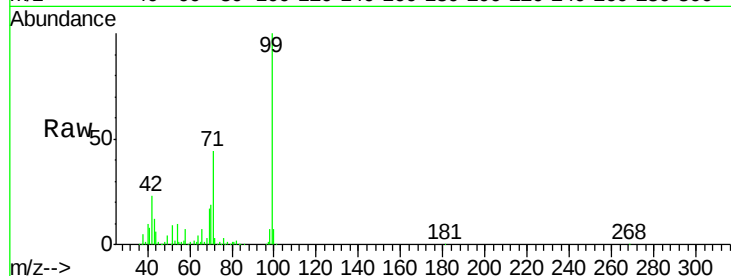
Tgt Ion: 99 Resp: 525119

Ion Ratio Lower Upper

99 100

42 23.4 21.8 32.8

71 43.9 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: BG040876.D

Acq: 11 May 2019 16:41

Tgt Ion: 136 Resp: 204281

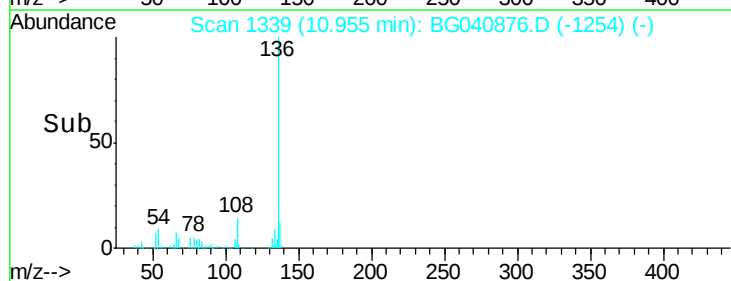
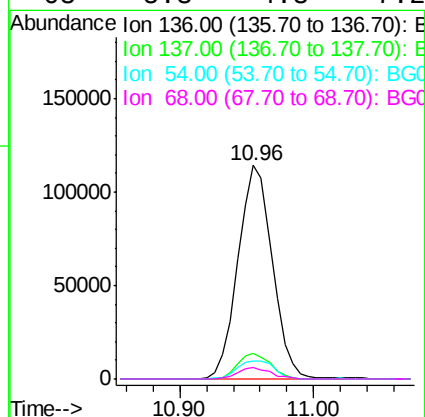
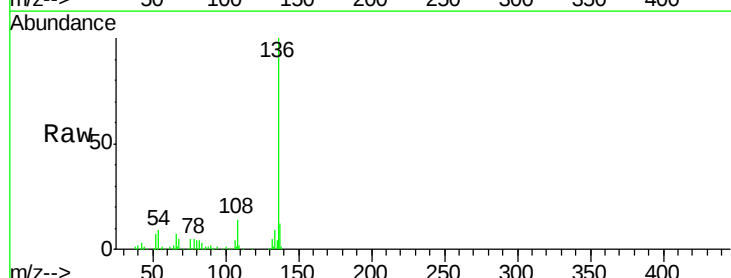
Ion Ratio Lower Upper

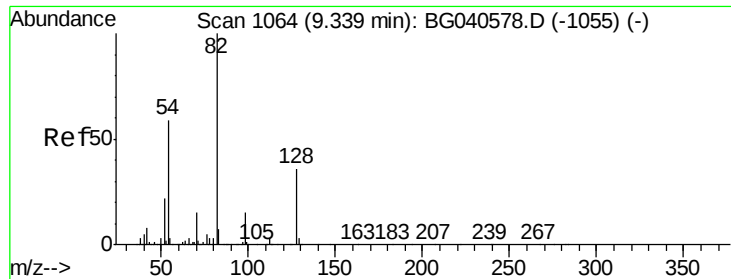
136 100

137 12.2 9.7 14.5

54 8.5 8.6 12.8#

68 5.3 4.8 7.2

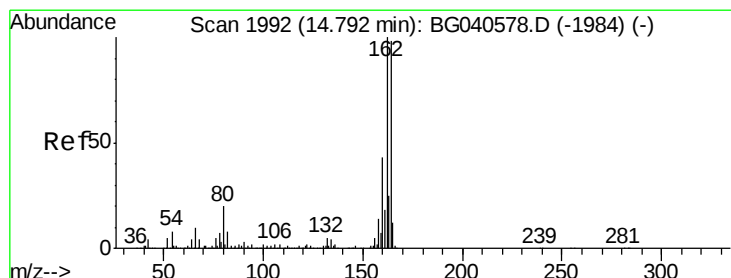
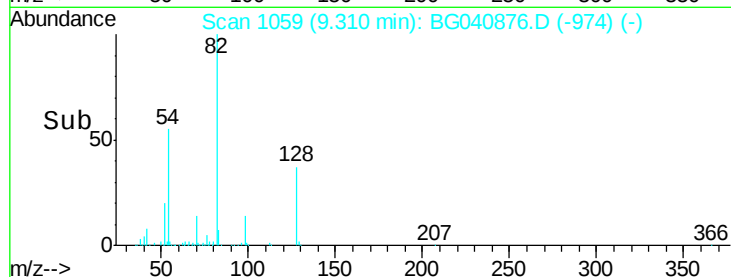
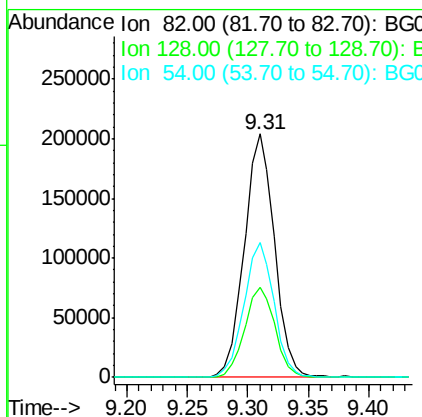
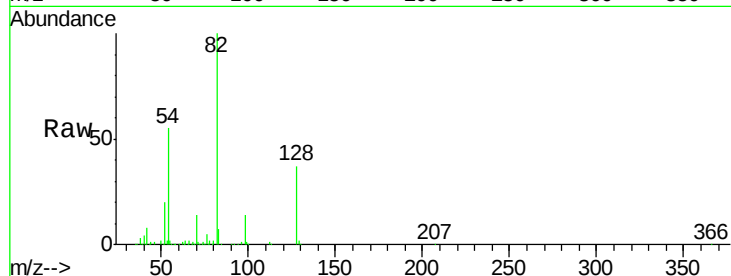




#23
Nitrobenzene-d5
Concen: 80.530 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040876.D
Acq: 11 May 2019 16:41

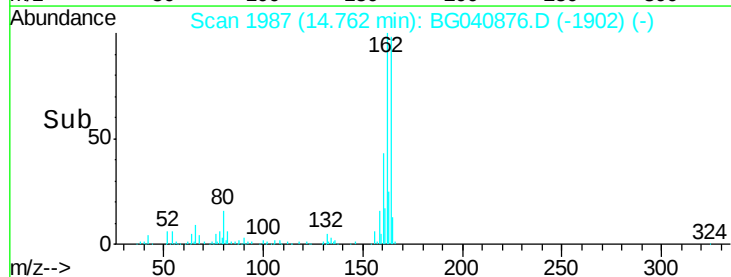
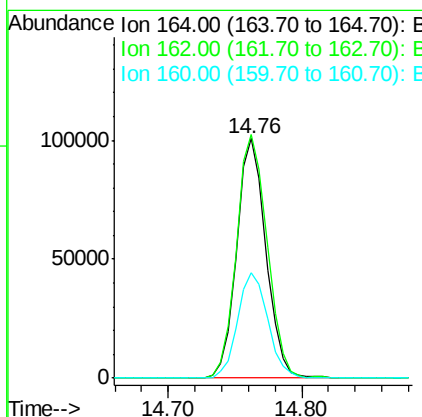
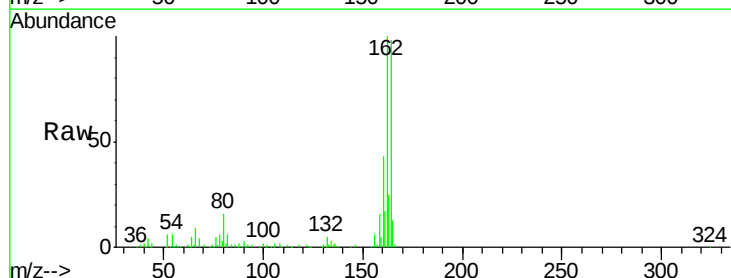
Instrument :
BNA_G
ClientSampleId :
PB119645BL

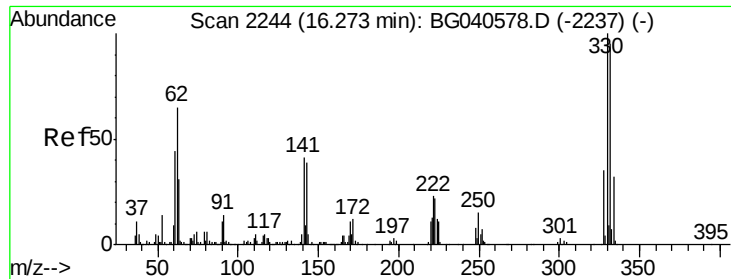
Tgt Ion: 82 Resp: 356027
Ion Ratio Lower Upper
82 100
128 37.2 28.9 43.3
54 55.1 47.2 70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040876.D
Acq: 11 May 2019 16:41

Tgt Ion: 164 Resp: 152392
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 43.9 35.4 53.2

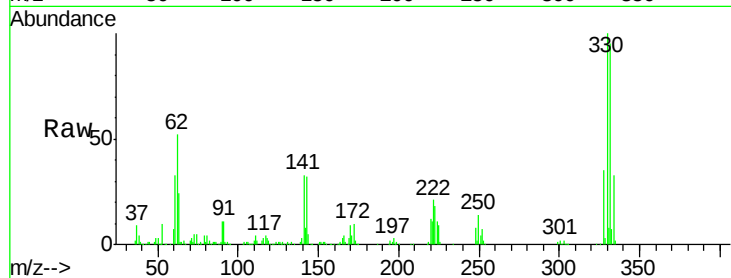




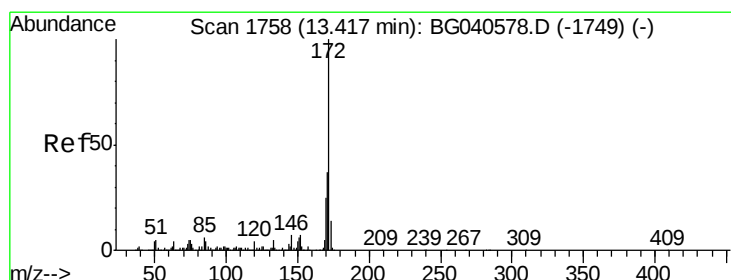
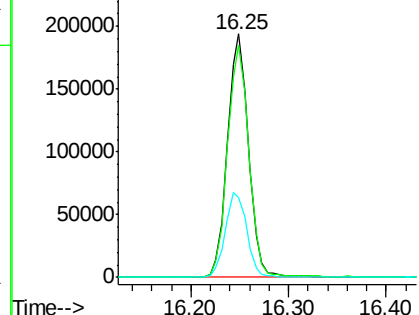
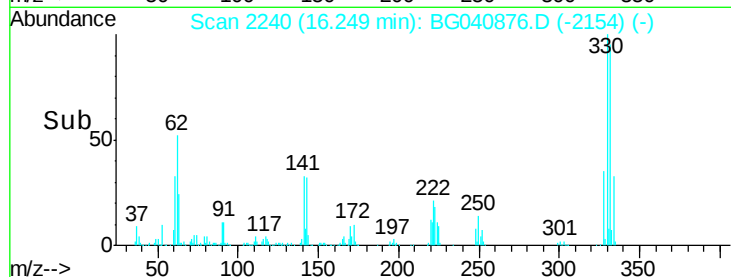
#42
 2,4,6-Tribromophenol
 Concen: 138.938 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040876.D
 Acq: 11 May 2019 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.9	113.9
141	35.3	32.4	48.6

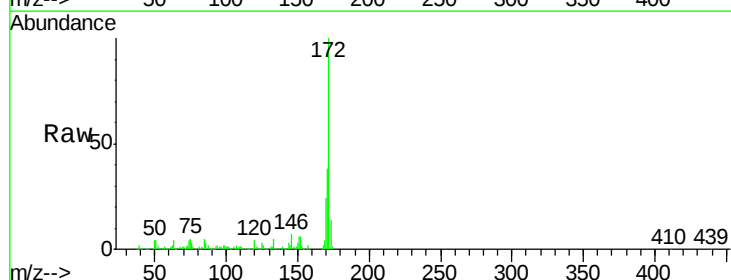


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

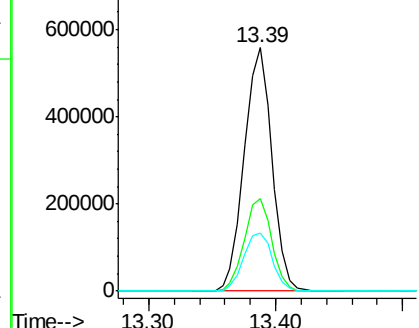
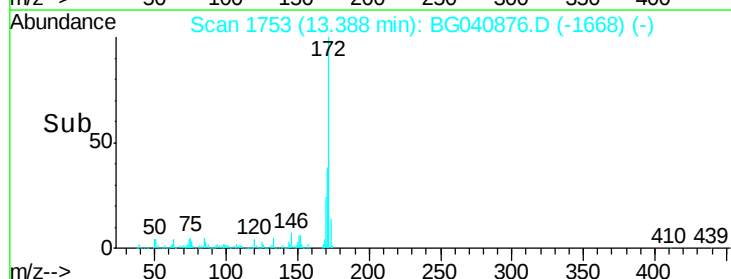


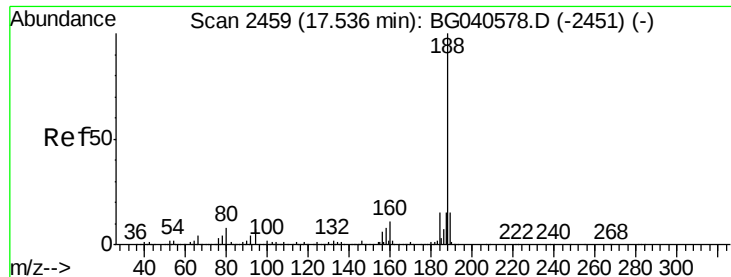
#45
 2-Fluorobiphenyl
 Concen: 80.310 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040876.D
 Acq: 11 May 2019 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	24.1	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040876.D

Acq: 11 May 2019 16:41

Instrument :

BNA_G

ClientSampleId :

PB119645BL

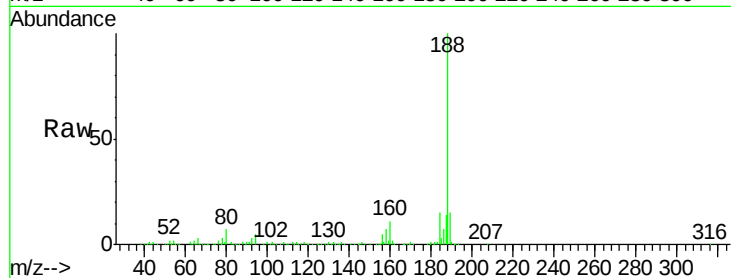
Tgt Ion:188 Resp: 417155

Ion Ratio Lower Upper

188 100

94 5.3 5.6 8.4#

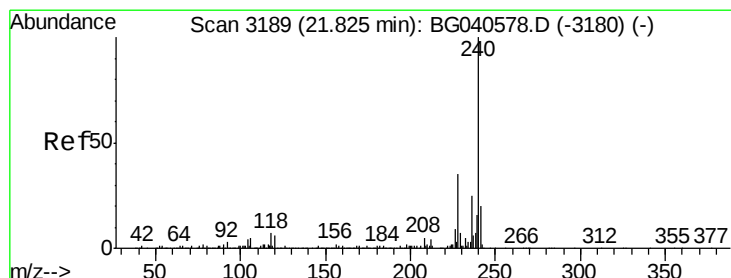
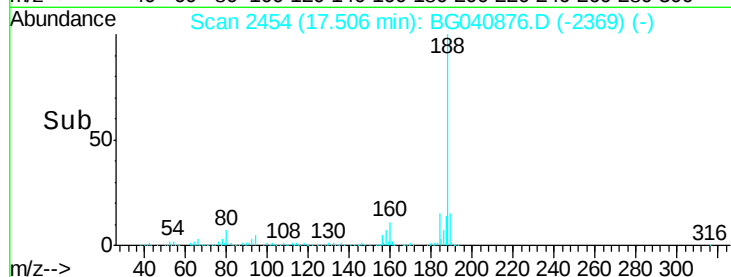
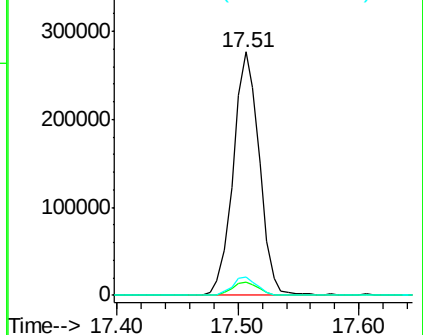
80 7.4 6.4 9.6



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: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040876.D

Acq: 11 May 2019 16:41

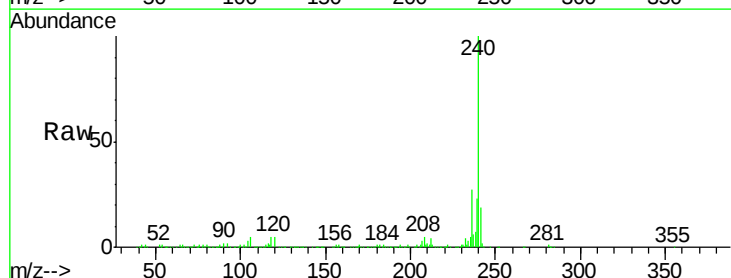
Tgt Ion:240 Resp: 464240

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

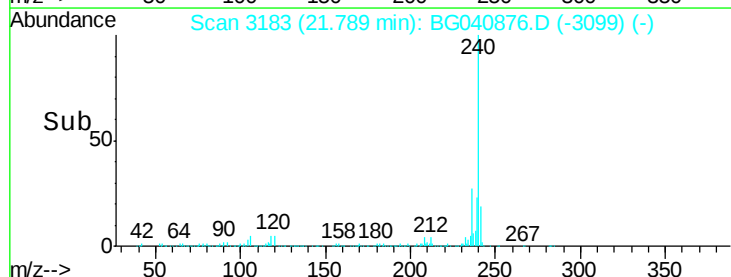
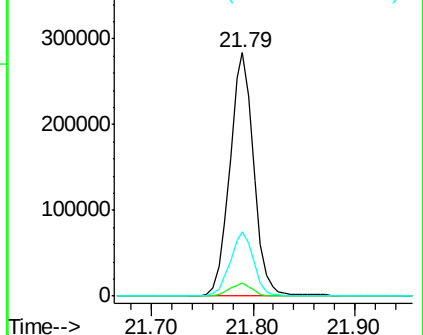
236 26.6 20.3 30.5

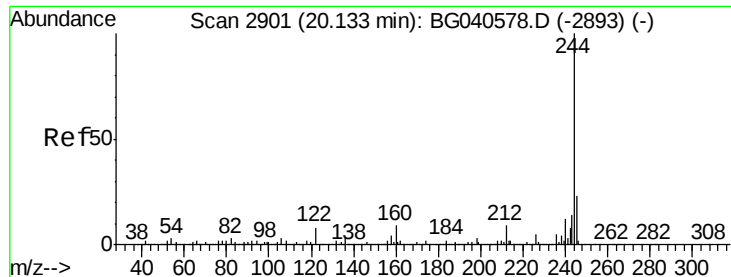


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.123 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040876.D

Acq: 11 May 2019 16:41

Instrument :

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ClientSampleId :

PB119645BL

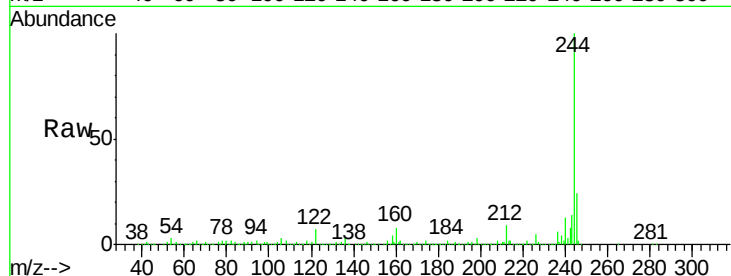
Tgt Ion:244 Resp: 1699916

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

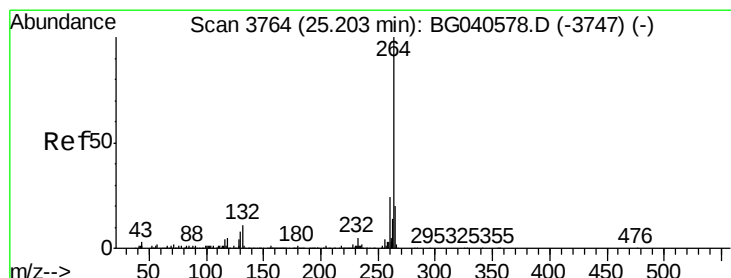
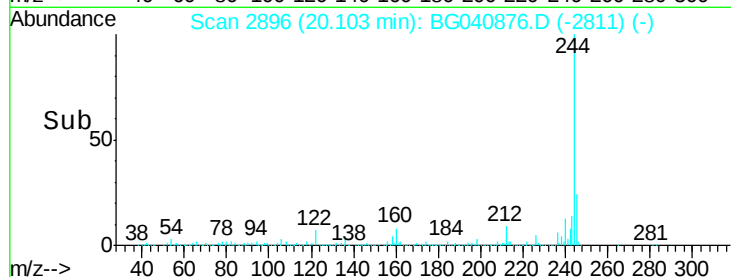
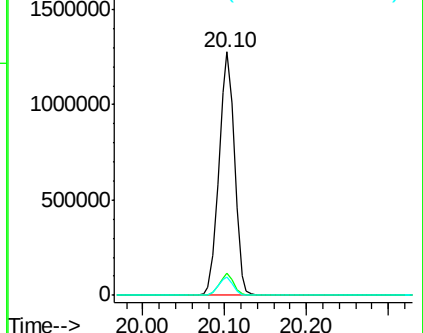
122 7.4 6.6 10.0



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: BG040876.D

Acq: 11 May 2019 16:41

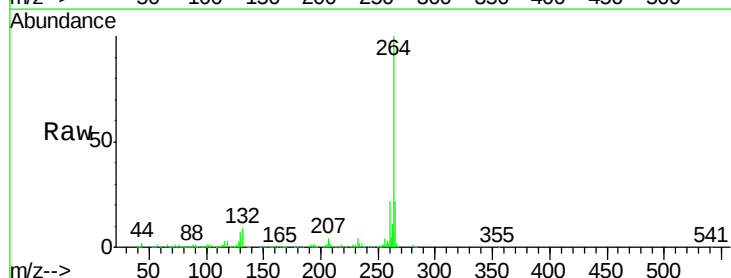
Tgt Ion:264 Resp: 480532

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 22.0 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

