

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040875.D
 Acq On : 11 May 2019 16:03
 Operator : HP/JU
 Sample : PB119647BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BL

Quant Time: May 12 05:32:31 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	49908	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	202104	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	152014	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	417131	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	444711	20.00	ng	-0.04
87) Perylene-d12	25.14	264	469382	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	374198	132.17	ng	-0.02
7) Phenol-d6	7.27	99	549194	125.98	ng	-0.02
23) Nitrobenzene-d5	9.31	82	363717	83.16	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	292908	140.18	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	860608	81.76	ng	-0.03
79) Terphenyl-d14	20.10	244	1689756	84.18	ng	-0.03

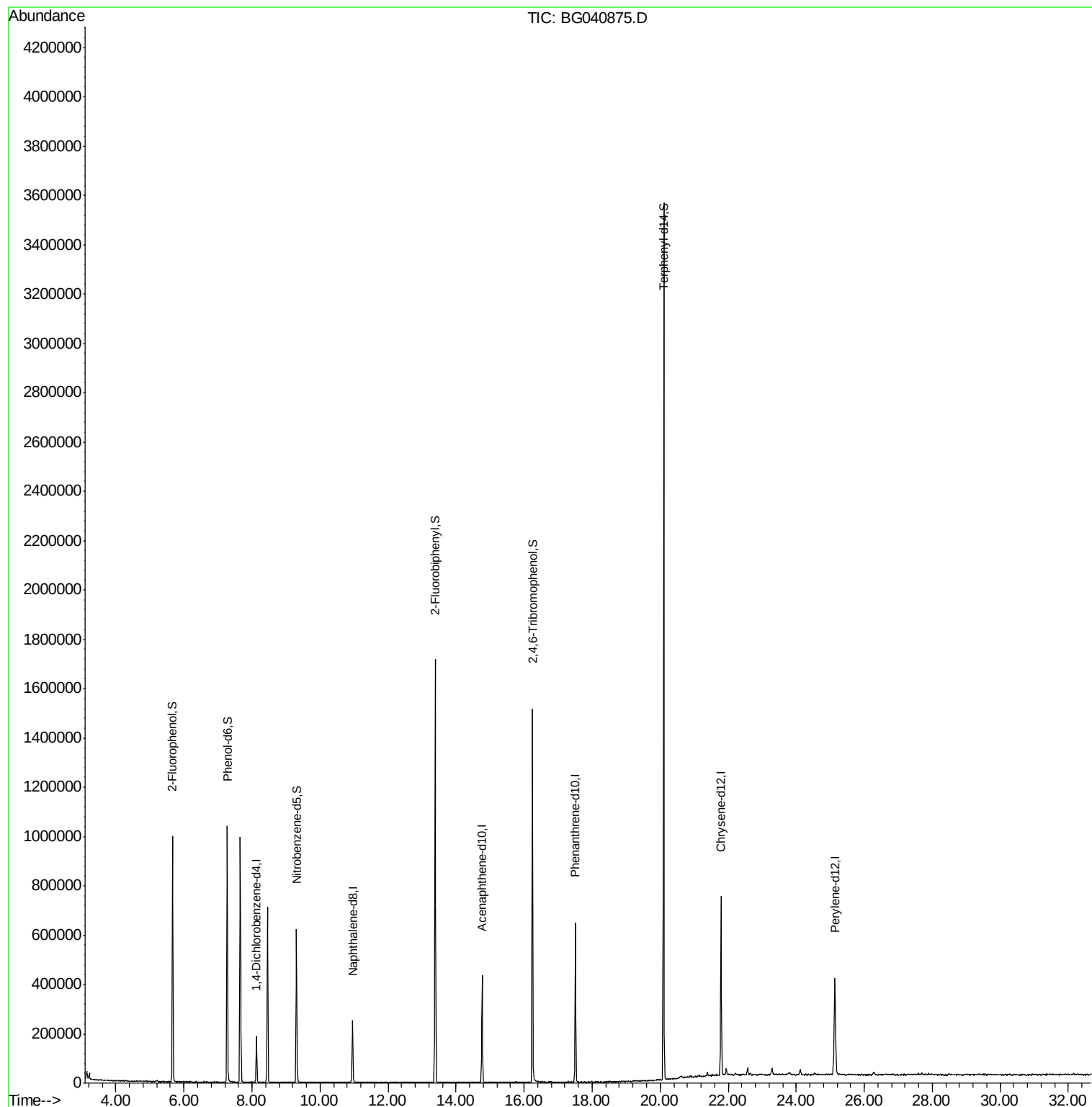
Target Compounds	Qvalue
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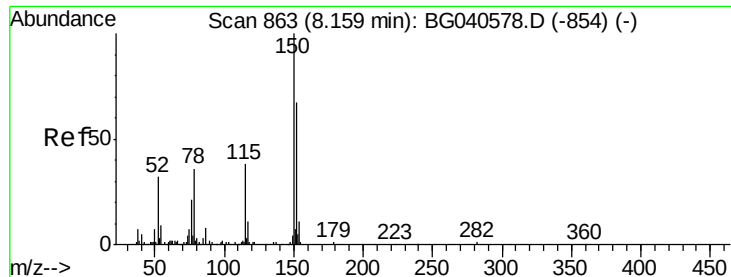
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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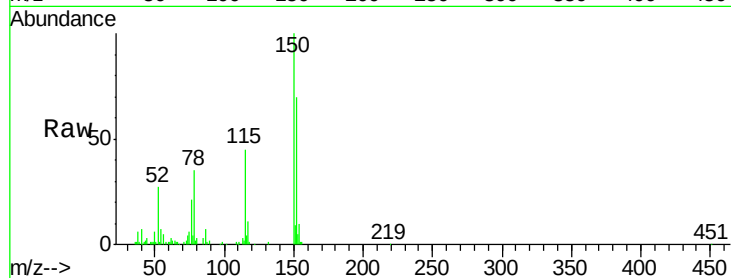


#1

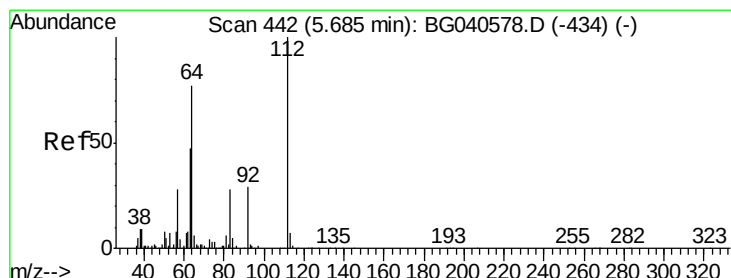
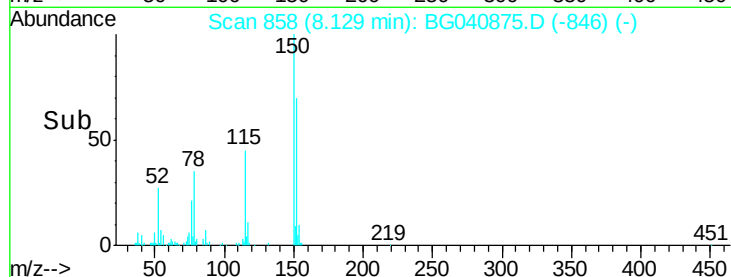
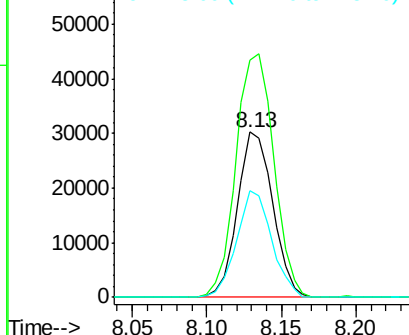
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:152 Resp: 49908
Ion Ratio Lower Upper
152 100
150 143.5 120.2 180.2
115 64.3 46.2 69.2



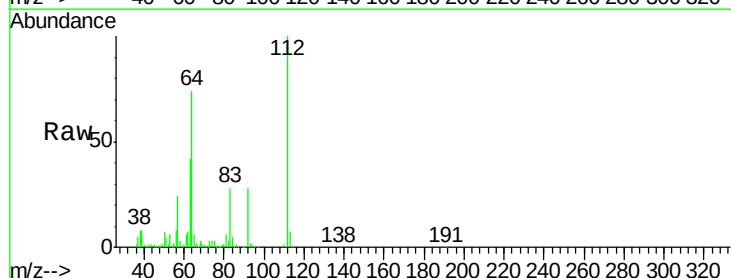
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



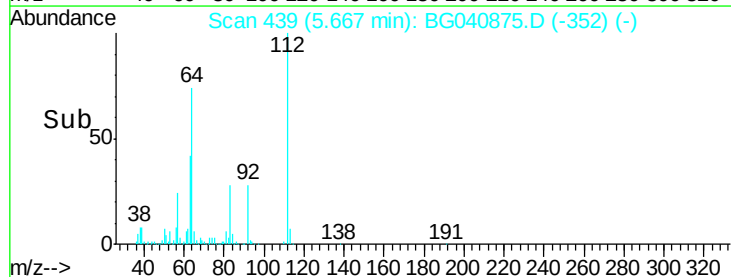
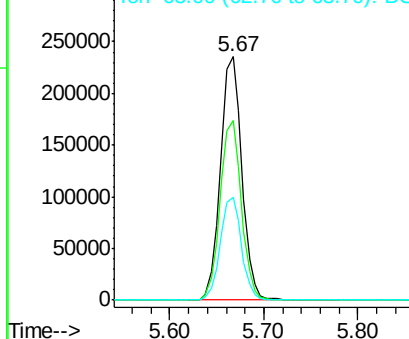
#5

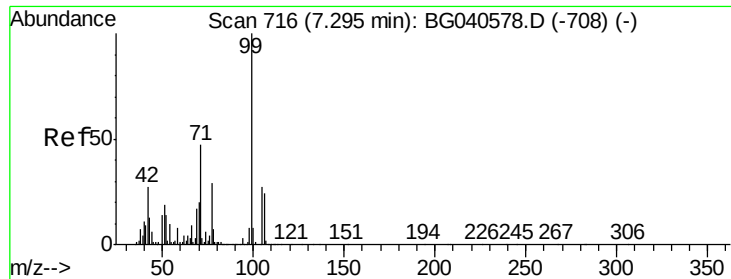
2-Fluorophenol
Concen: 132.168 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:112 Resp: 374198
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 42.3 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.982 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040875.D

Acq: 11 May 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB119647BL

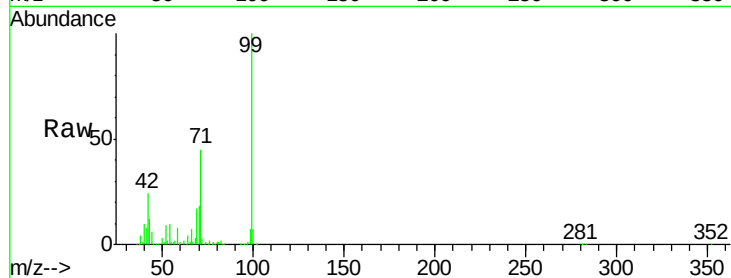
Tgt Ion: 99 Resp: 549194

Ion Ratio Lower Upper

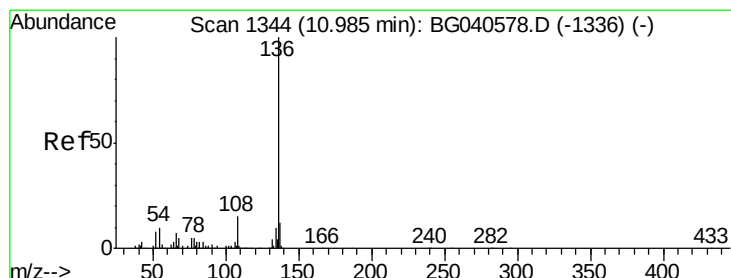
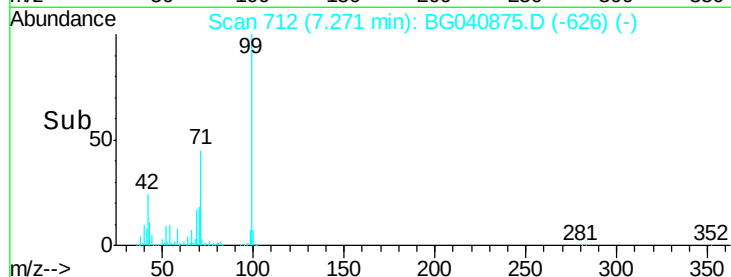
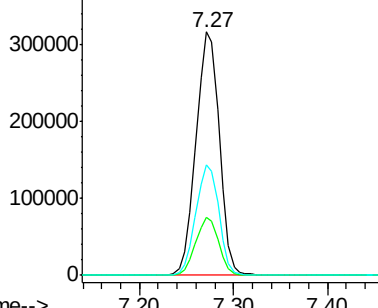
99 100

42 23.9 21.8 32.8

71 45.3 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: BG040875.D

Acq: 11 May 2019 16:03

Tgt Ion: 136 Resp: 202104

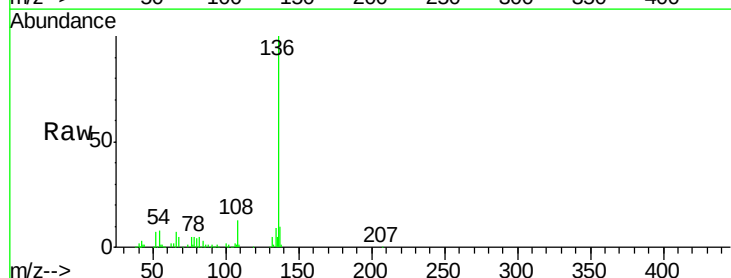
Ion Ratio Lower Upper

136 100

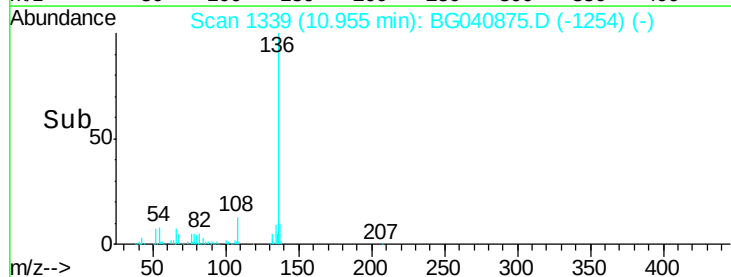
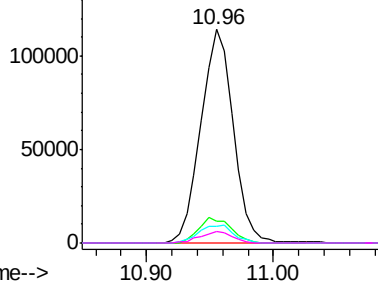
137 10.5 9.7 14.5

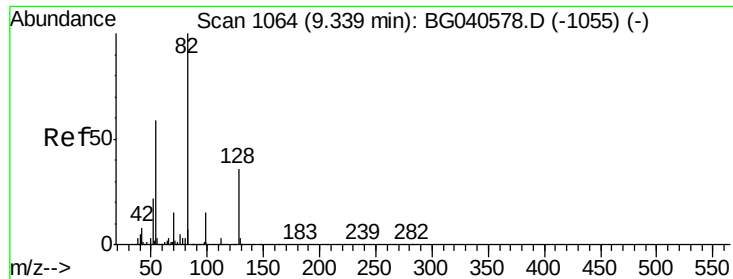
54 8.0 8.6 12.8#

68 5.4 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

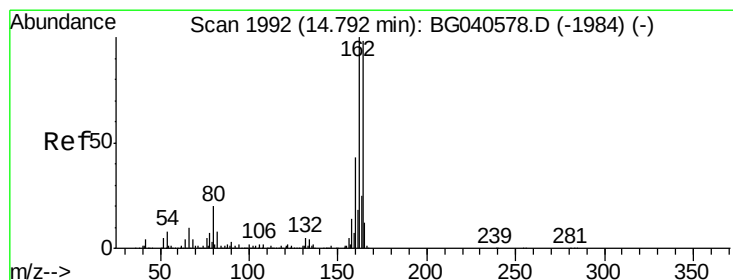
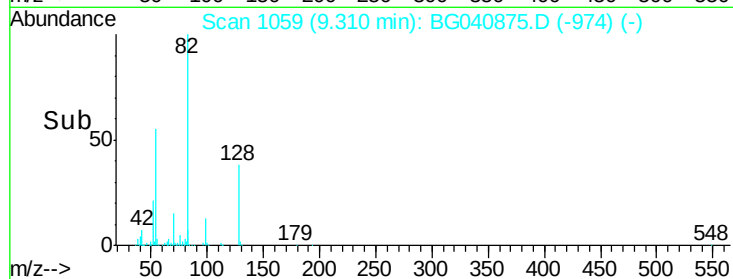
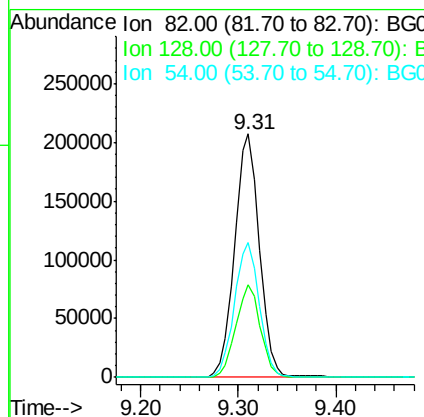
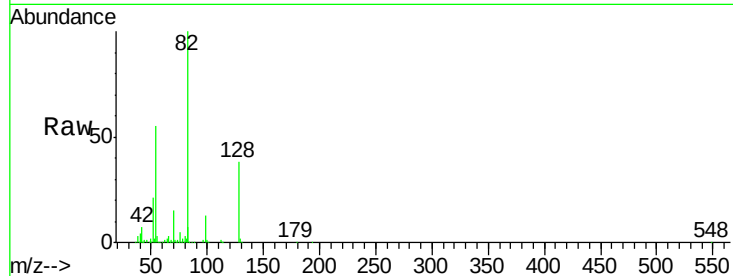




#23
 Nitrobenzene-d5
 Concen: 83.155 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040875.D
 Acq: 11 May 2019 16:03

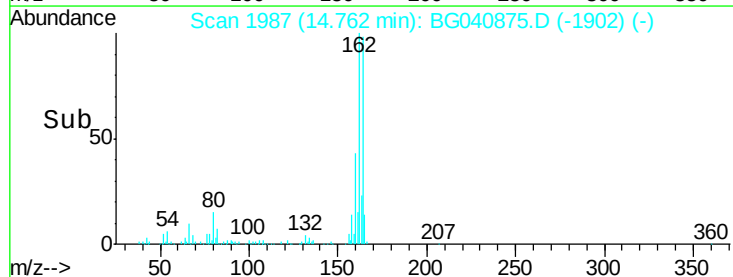
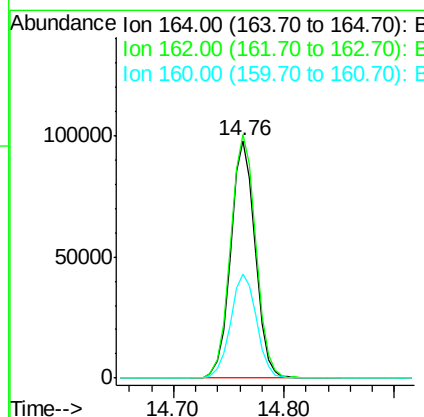
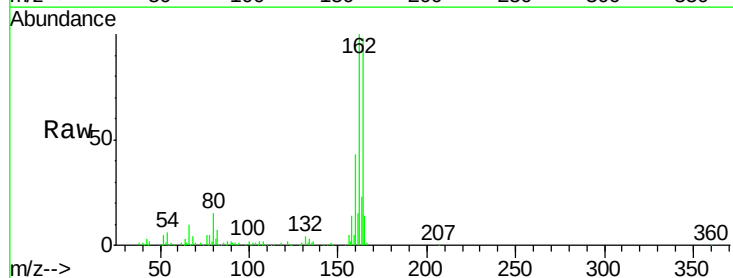
Instrument :
 BNA_G
 ClientSampleId :
 PB119647BL

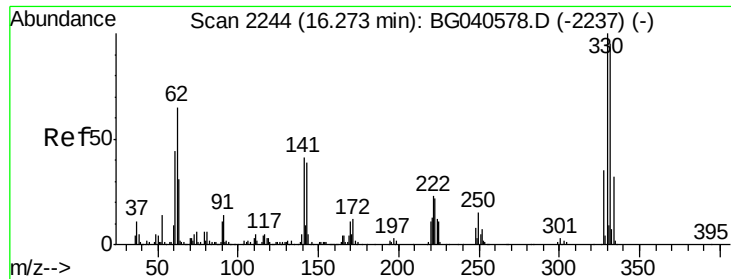
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.9	43.3
54	55.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040875.D
 Acq: 11 May 2019 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	44.0	35.4	53.2

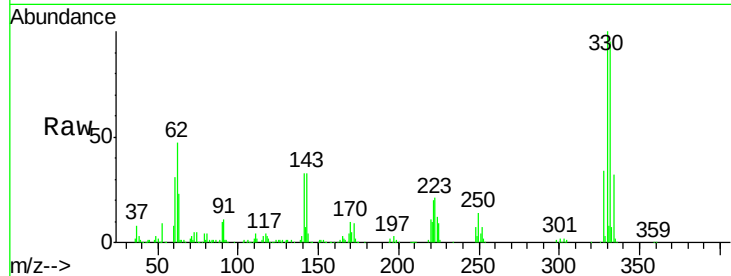




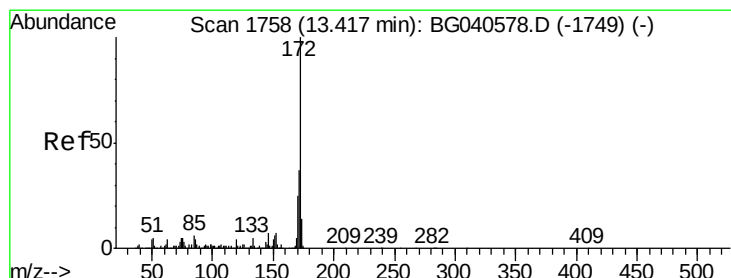
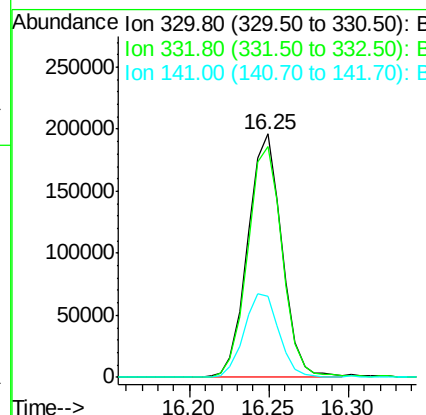
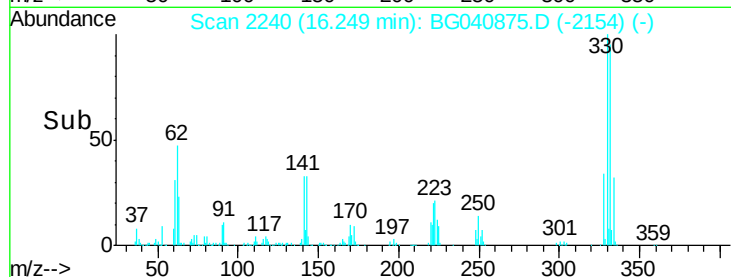
#42
 2,4,6-Tribromophenol
 Concen: 140.183 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040875.D
 Acq: 11 May 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.9	113.9
141	35.4	32.4	48.6

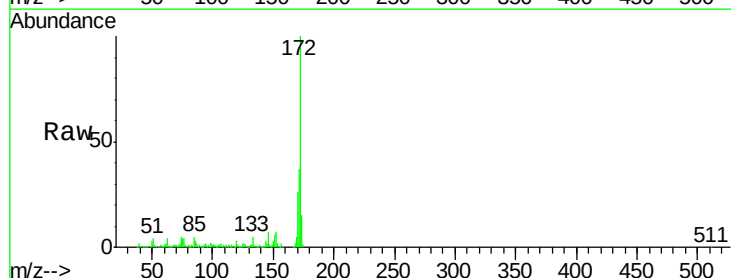


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

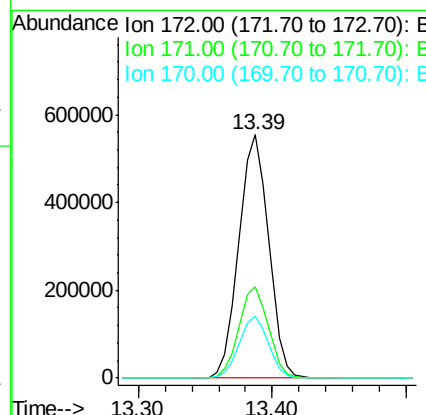
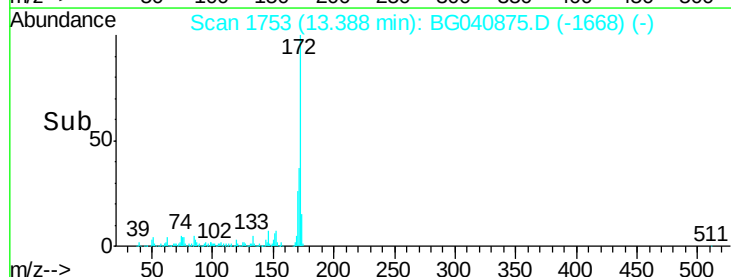


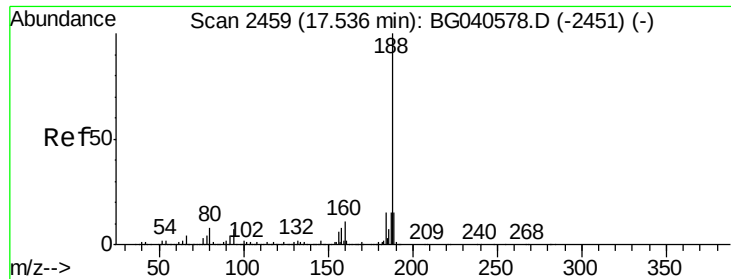
#45
 2-Fluorobiphenyl
 Concen: 81.762 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040875.D
 Acq: 11 May 2019 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	25.6	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

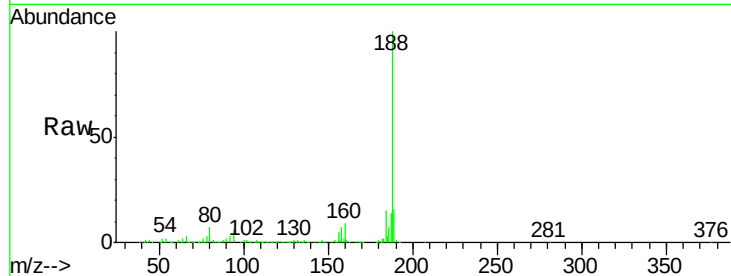




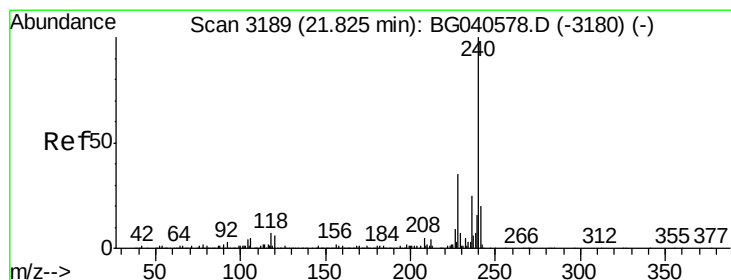
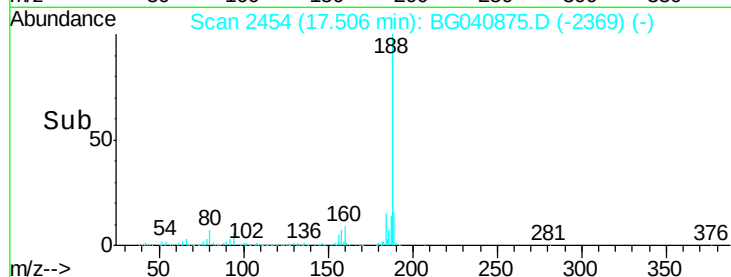
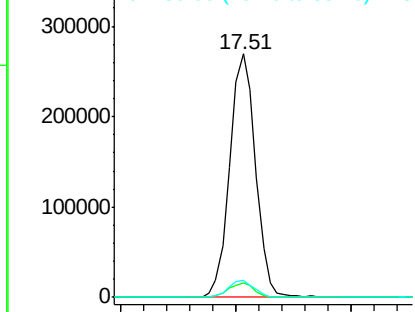
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040875.D
 Acq: 11 May 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB119647BL

Tgt Ion:188 Resp: 417131
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.6 8.4
 80 7.2 6.4 9.6

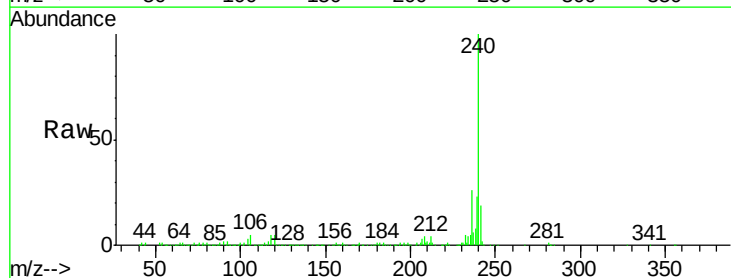


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

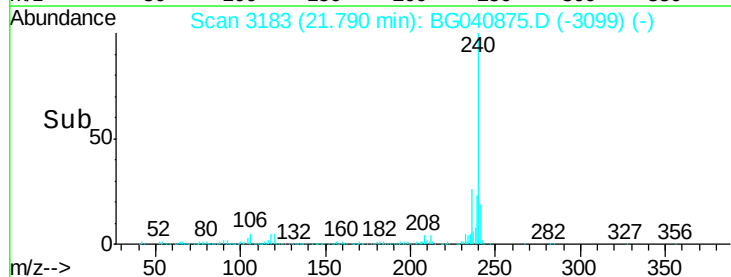
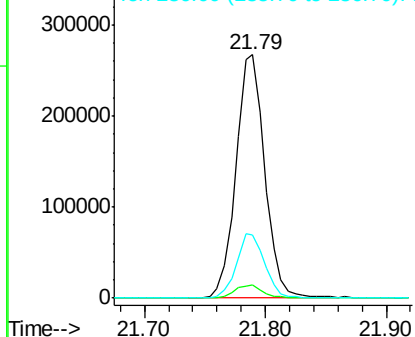


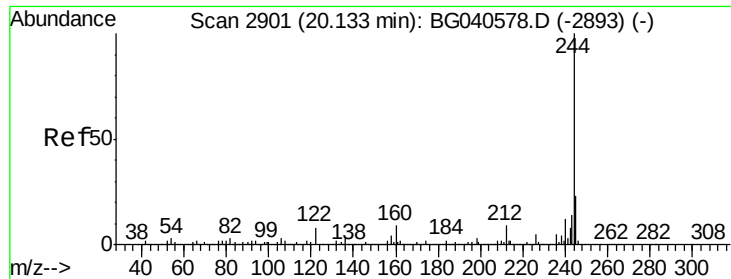
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. -0.04 min
 Lab File: BG040875.D
 Acq: 11 May 2019 16:03

Tgt Ion:240 Resp: 444711
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.0 7.6
 236 26.0 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: 84.179 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040875.D

Acq: 11 May 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB119647BL

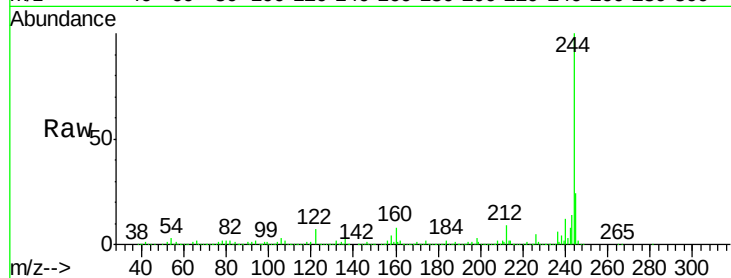
Tgt Ion:244 Resp: 1689756

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

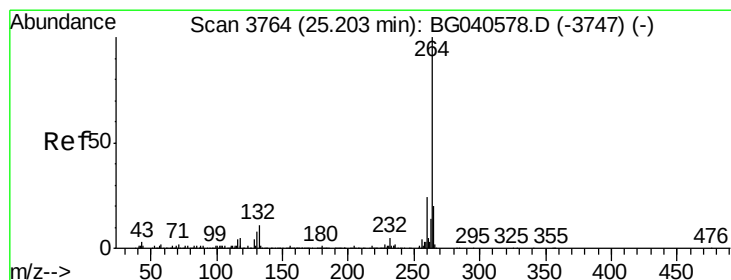
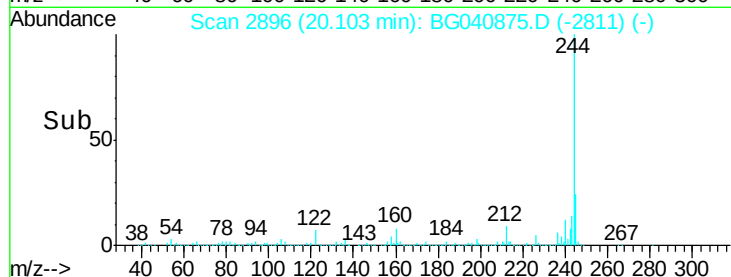
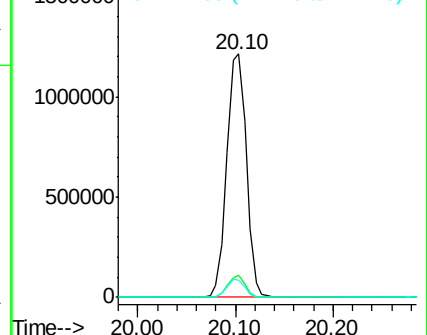
122 7.0 6.6 10.0



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# 3753

Delta R.T. -0.06 min

Lab File: BG040875.D

Acq: 11 May 2019 16:03

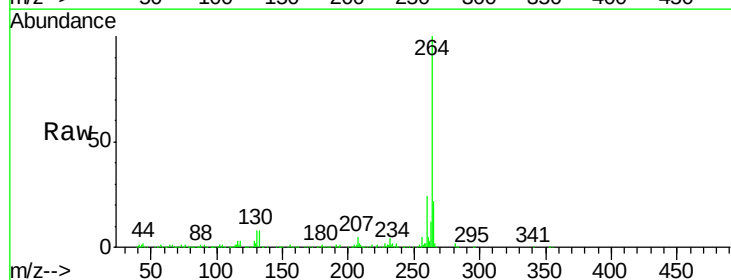
Tgt Ion:264 Resp: 469382

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.4 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

