

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040856.D
 Acq On : 10 May 2019 21:57
 Operator : HP/JU
 Sample : PB119611BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119611BL

Quant Time: May 11 06:17:57 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	46447	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	191827	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	140246	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	391247	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	456768	20.00	ng	-0.04
87) Perylene-d12	25.14	264	454350	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	346846	131.64	ng	-0.02
7) Phenol-d6	7.27	99	509045	125.47	ng	-0.02
23) Nitrobenzene-d5	9.31	82	342899	82.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	285593	148.15	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	820051	84.45	ng	-0.03
79) Terphenyl-d14	20.10	244	1714150	83.14	ng	-0.03

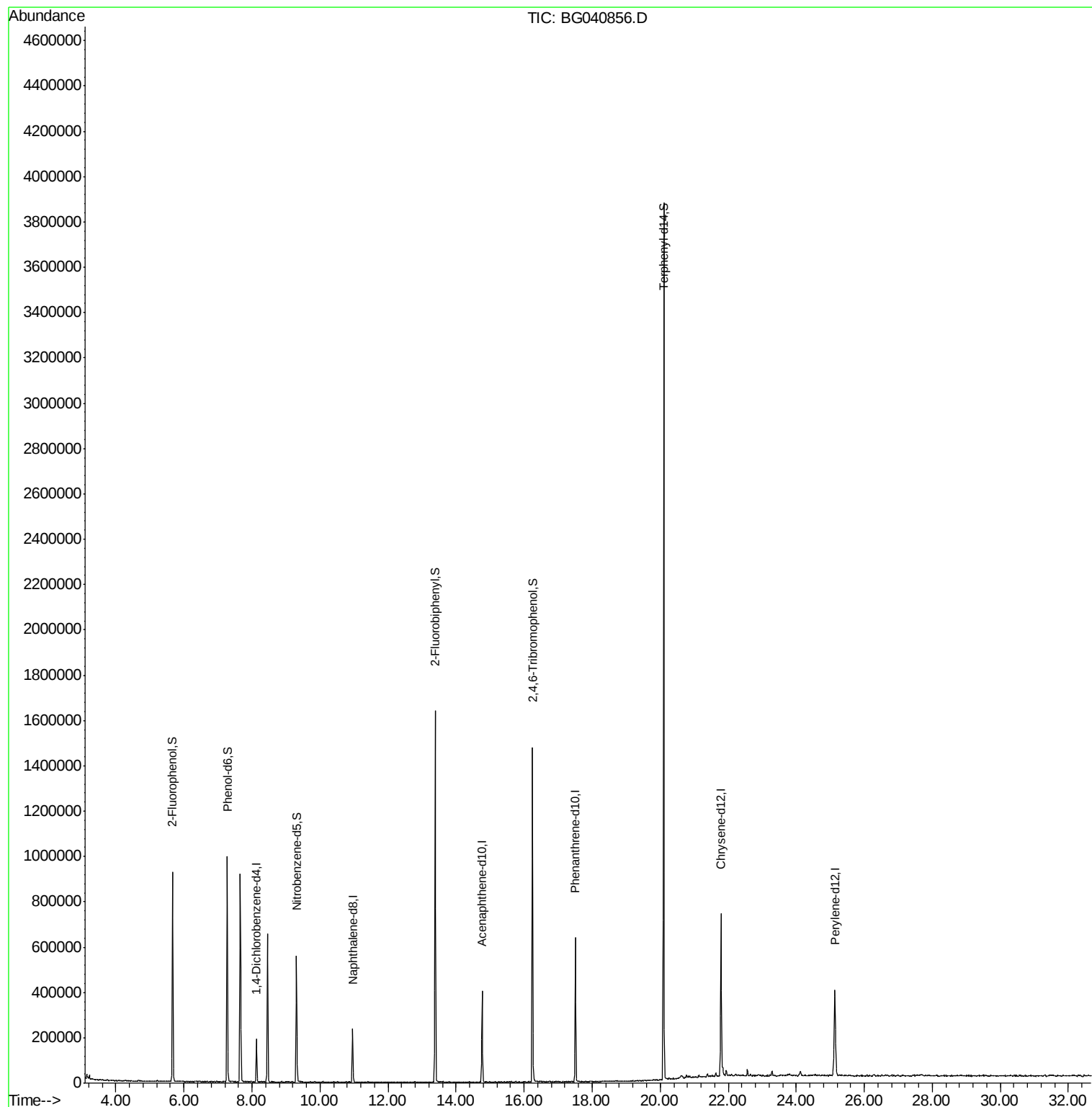
Target Compounds	Qvalue
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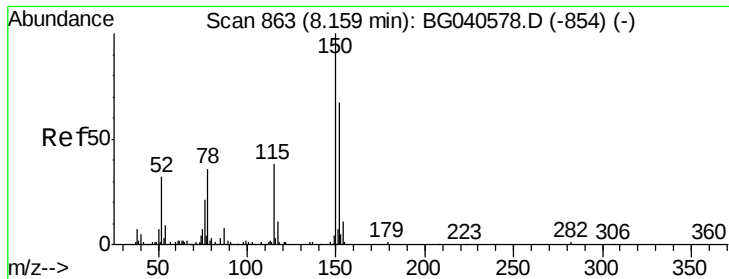
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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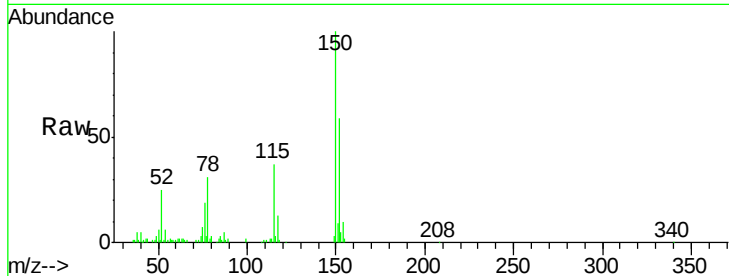


#1

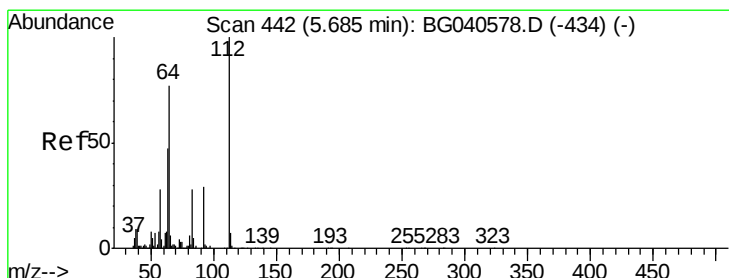
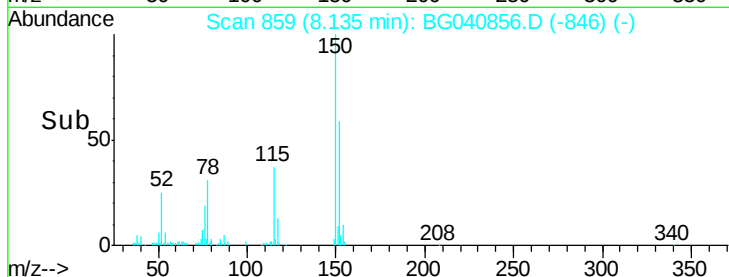
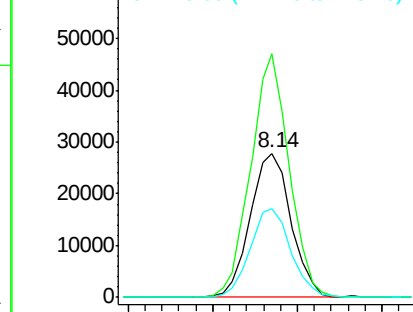
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040856.D
Acq: 10 May 2019 21:57

Instrument :
BNA_G
ClientSampleId :
PB119611BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.8	120.2	180.2
115	61.8	46.2	69.2



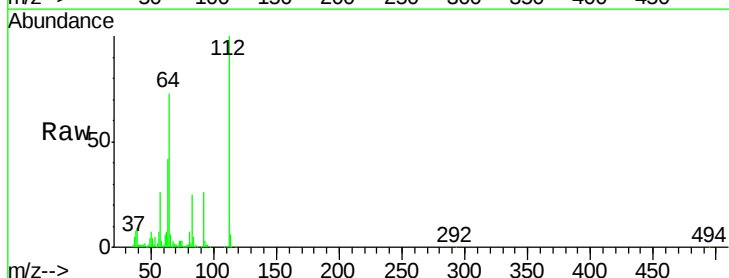
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



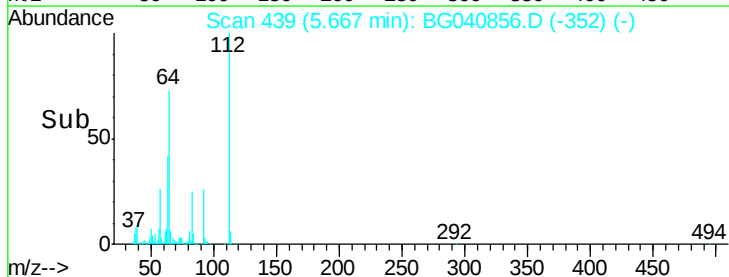
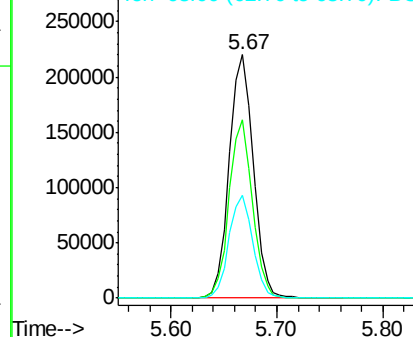
#5

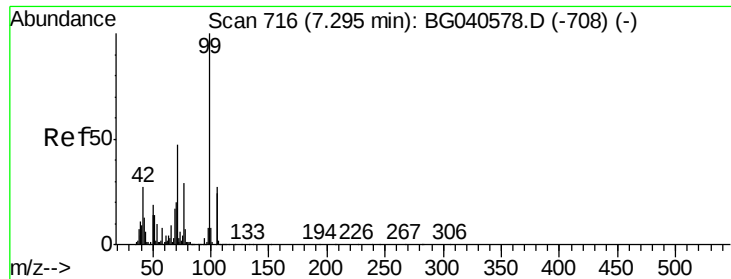
2-Fluorophenol
Concen: 131.636 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040856.D
Acq: 10 May 2019 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.4	92.0
63	42.4	37.8	56.6



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





#7

Phenol-d6

Concen: 125.473 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040856.D

Acq: 10 May 2019 21:57

Instrument :

BNA_G

ClientSampleId :

PB119611BL

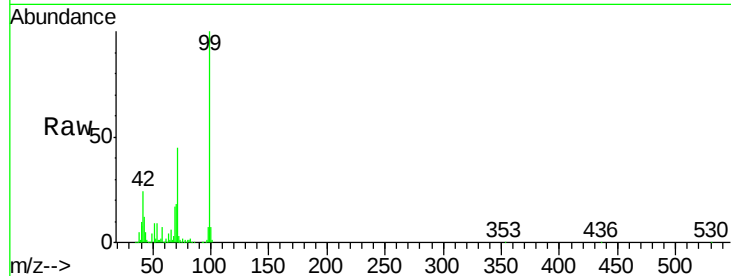
Tgt Ion: 99 Resp: 509045

Ion Ratio Lower Upper

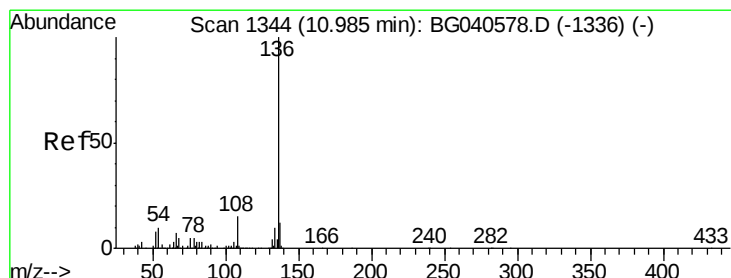
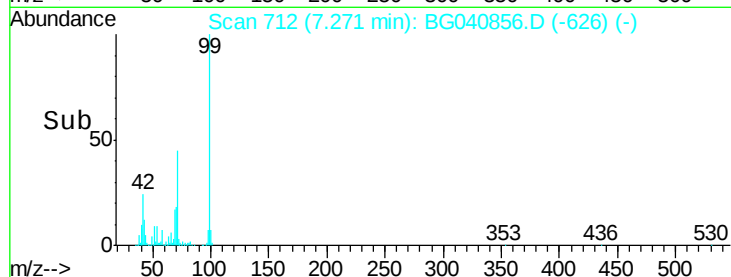
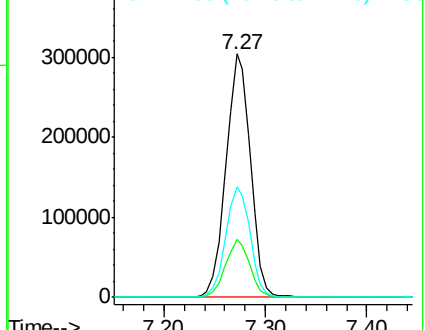
99 100

42 23.6 21.8 32.8

71 45.2 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: BG040856.D

Acq: 10 May 2019 21:57

Tgt Ion: 136 Resp: 191827

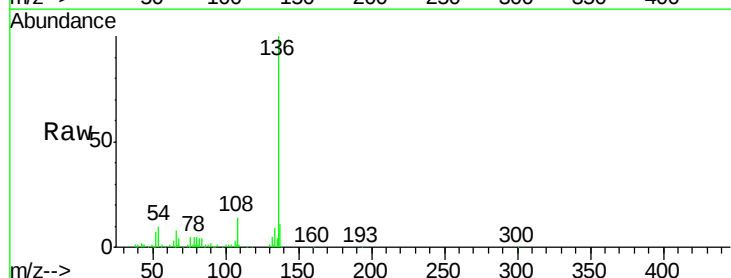
Ion Ratio Lower Upper

136 100

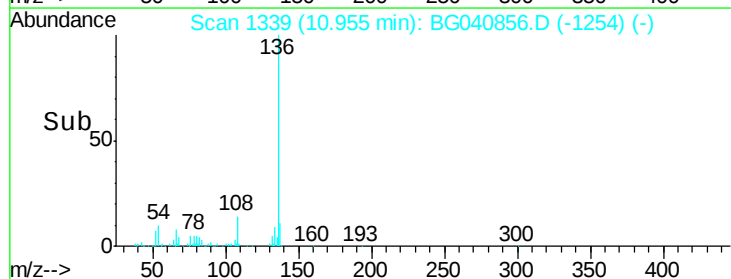
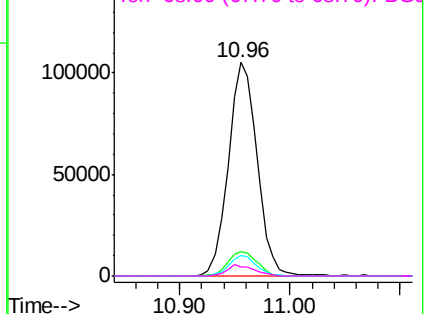
137 11.2 9.7 14.5

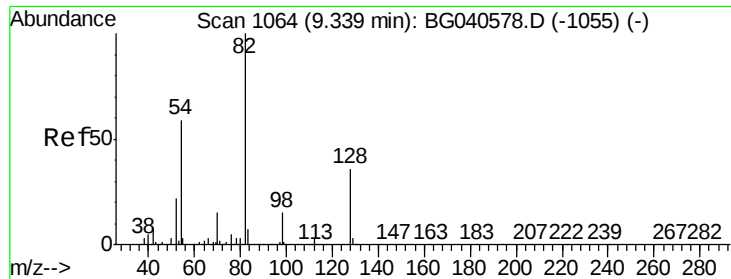
54 9.8 8.6 12.8

68 4.1 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: 82.596 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040856.D

Acq: 10 May 2019 21:57

Instrument :

BNA_G

ClientSampled :

PB119611BL

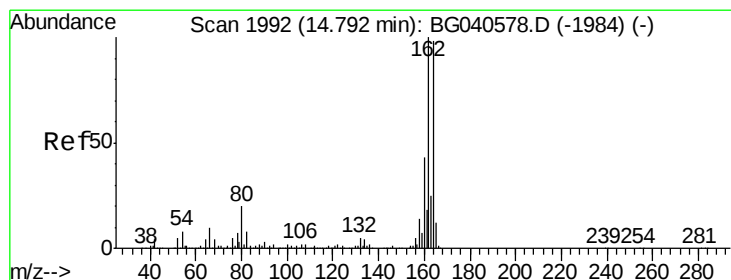
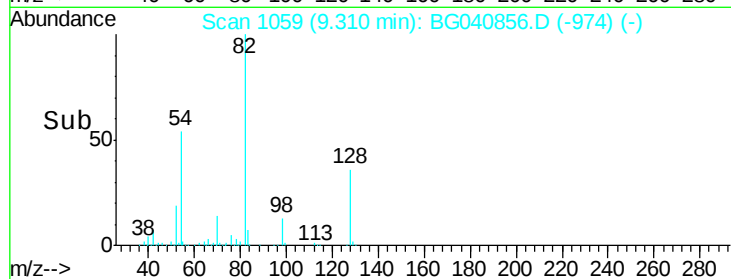
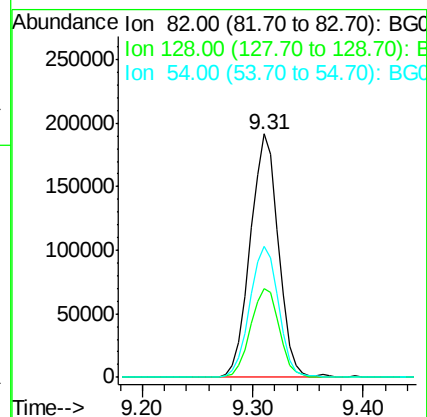
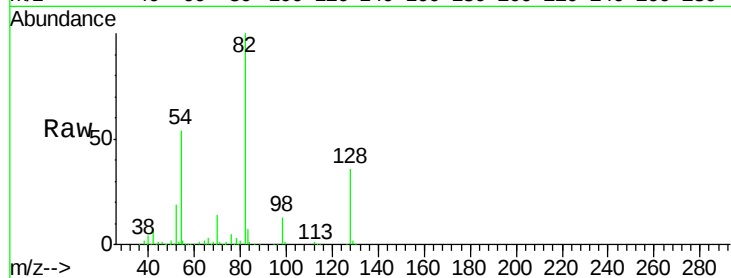
Tgt Ion: 82 Resp: 342899

Ion Ratio Lower Upper

82 100

128 36.2 28.9 43.3

54 54.1 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: BG040856.D

Acq: 10 May 2019 21:57

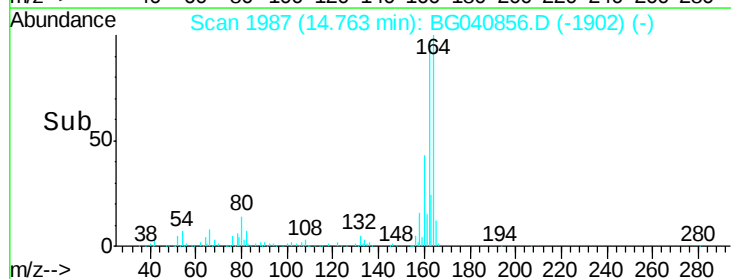
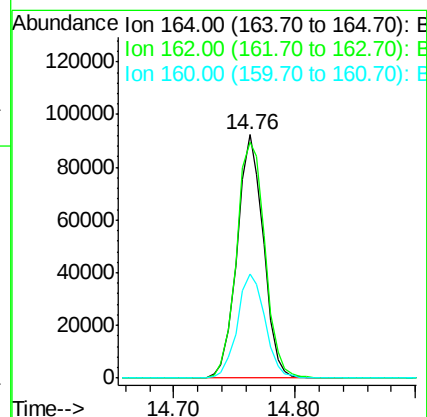
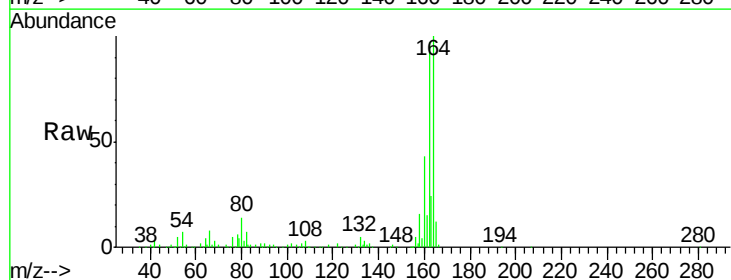
Tgt Ion: 164 Resp: 140246

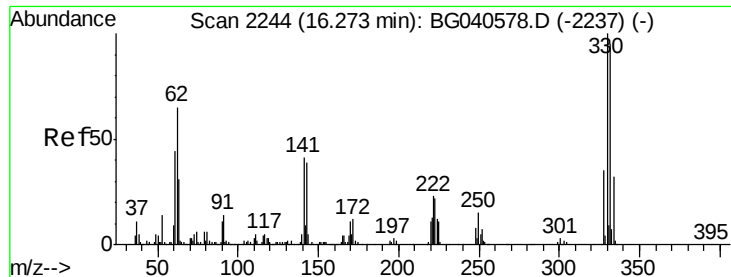
Ion Ratio Lower Upper

164 100

162 97.1 81.9 122.9

160 42.6 35.4 53.2

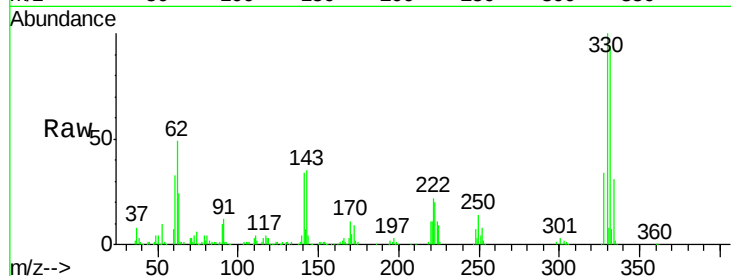




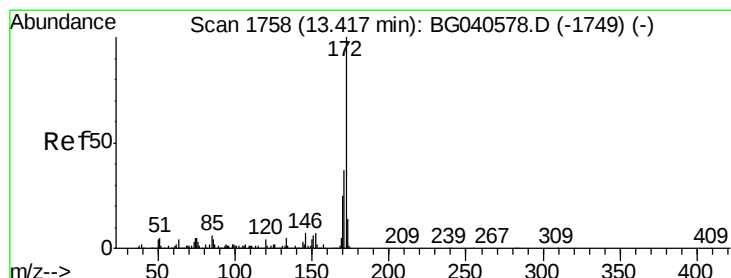
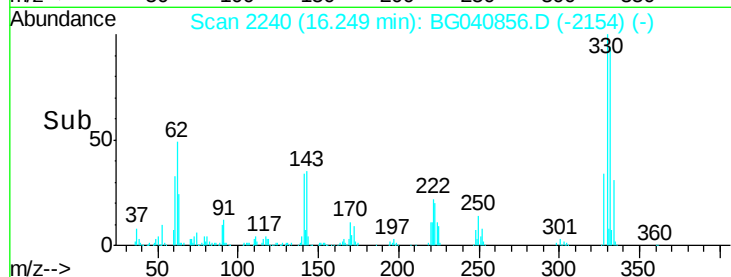
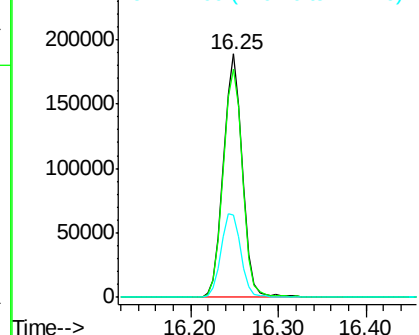
#42
 2,4,6-Tribromophenol
 Concen: 148.151 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040856.D
 Acq: 10 May 2019 21:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119611BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	35.9	32.4	48.6

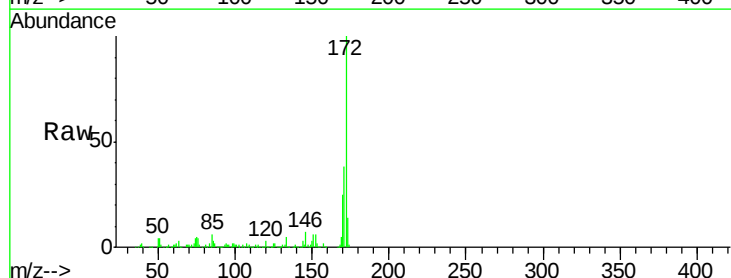


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

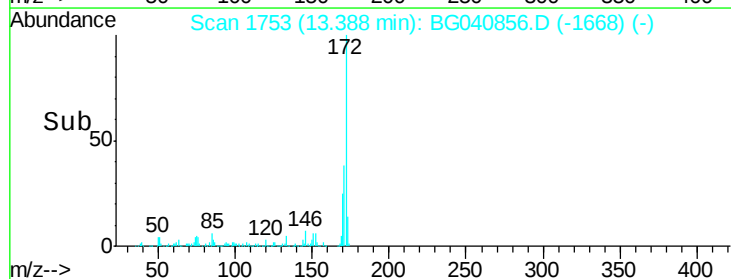
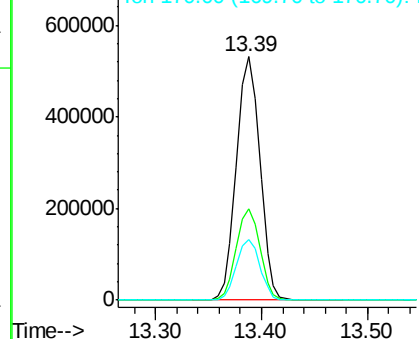


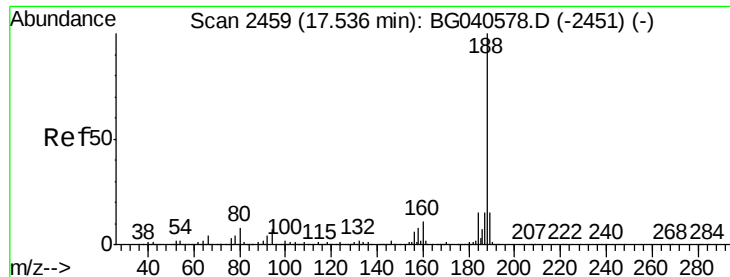
#45
 2-Fluorobiphenyl
 Concen: 84.446 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040856.D
 Acq: 10 May 2019 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	25.0	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: BG040856.D

Acq: 10 May 2019 21:57

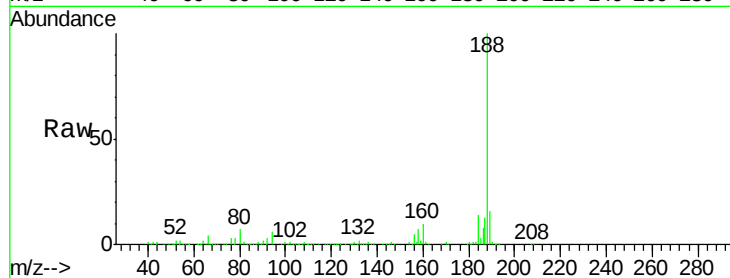
Instrument :

BNA_G

ClientSampleId :

PB119611BL

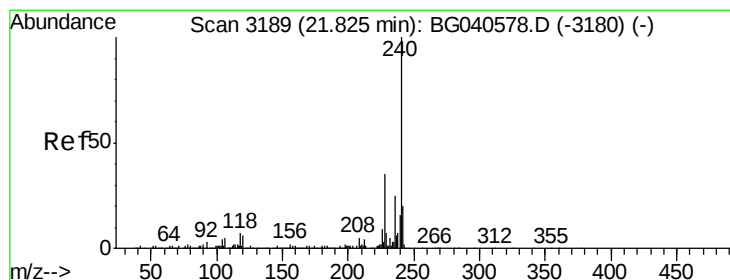
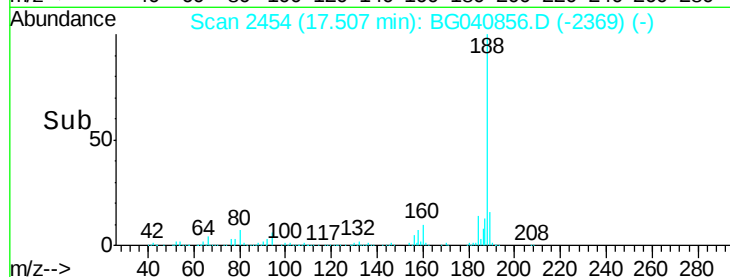
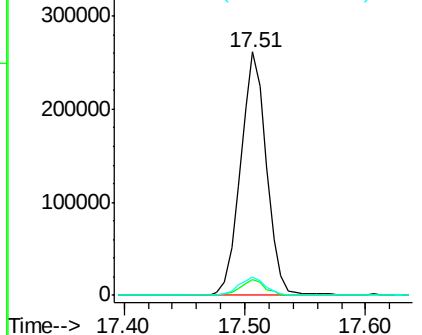
Tgt Ion:	188	Resp:	391247
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.6	8.4
80	7.3	6.4	9.6



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

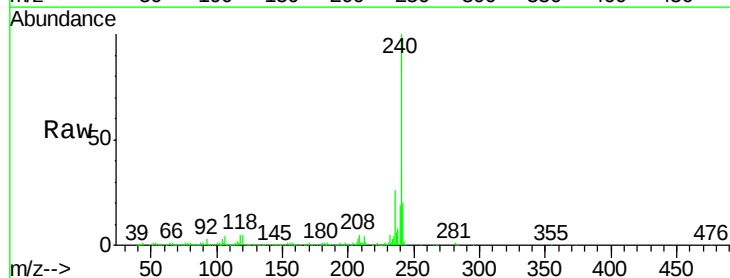
RT: 21.78 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040856.D

Acq: 10 May 2019 21:57

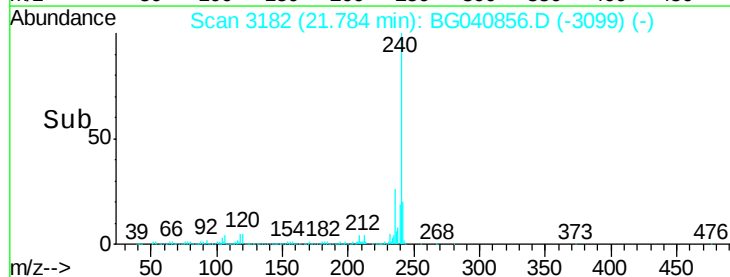
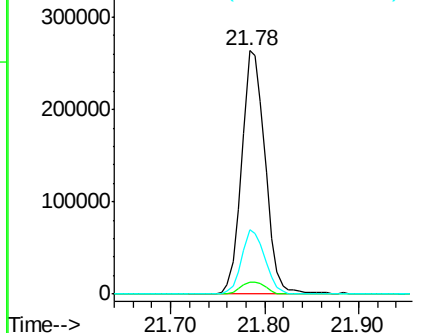
Tgt Ion:	240	Resp:	456768
Ion Ratio	Lower	Upper	
240	100		
120	4.8	5.0	7.6#
236	26.5	20.3	30.5

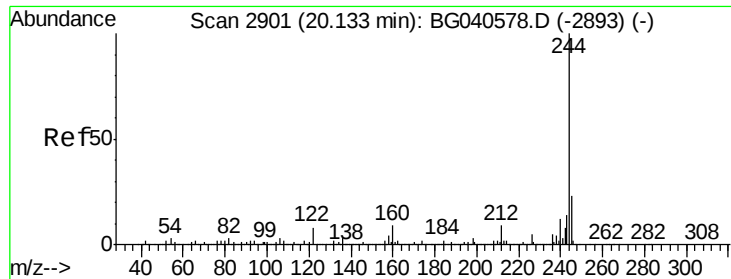


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.140 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040856.D

Acq: 10 May 2019 21:57

Instrument :

BNA_G

ClientSampleId :

PB119611BL

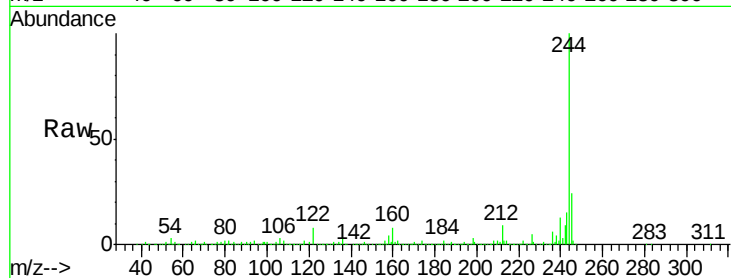
Tgt Ion:244 Resp: 1714150

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

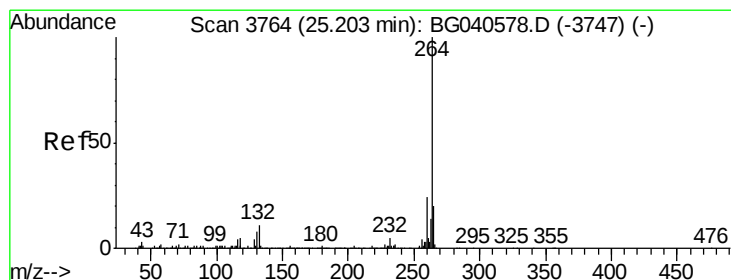
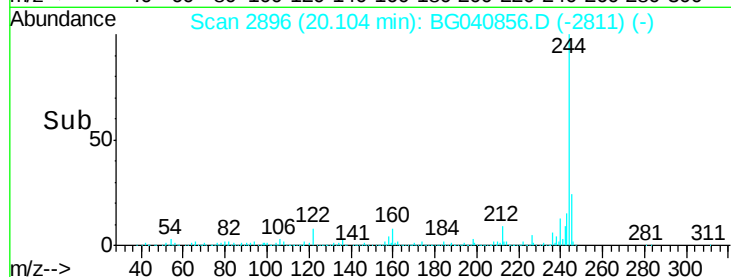
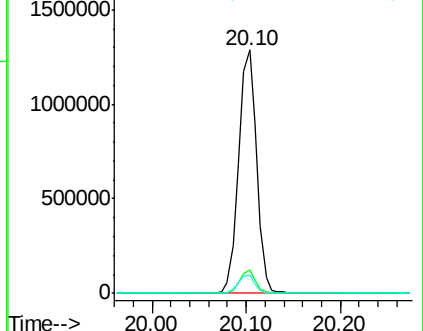
122 7.7 6.6 10.0



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# 3753

Delta R.T. -0.06 min

Lab File: BG040856.D

Acq: 10 May 2019 21:57

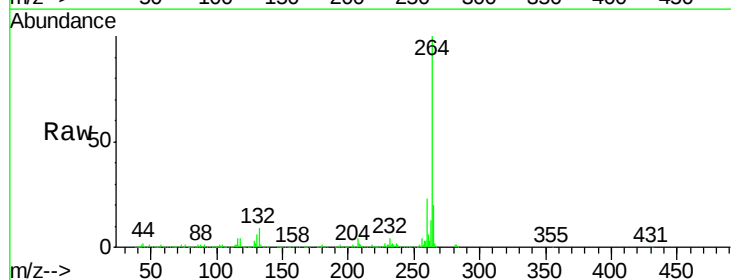
Tgt Ion:264 Resp: 454350

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.4 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

