

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043052.D
 Acq On : 5 Oct 2019 12:59
 Operator : JU
 Sample : PB123649BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BL

Quant Time: Oct 07 08:51:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58909	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	216623	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	157789	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	374212	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	398926	20.00	ng	-0.03
87) Perylene-d12	24.90	264	455893	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	315881	95.69	ng	-0.01
7) Phenol-d6	7.23	99	298823	62.86	ng	-0.01
23) Nitrobenzene-d5	9.22	82	410400	92.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	398303	146.80	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1023172	94.00	ng	-0.02
79) Terphenyl-d14	20.03	244	1961583	104.78	ng	-0.01

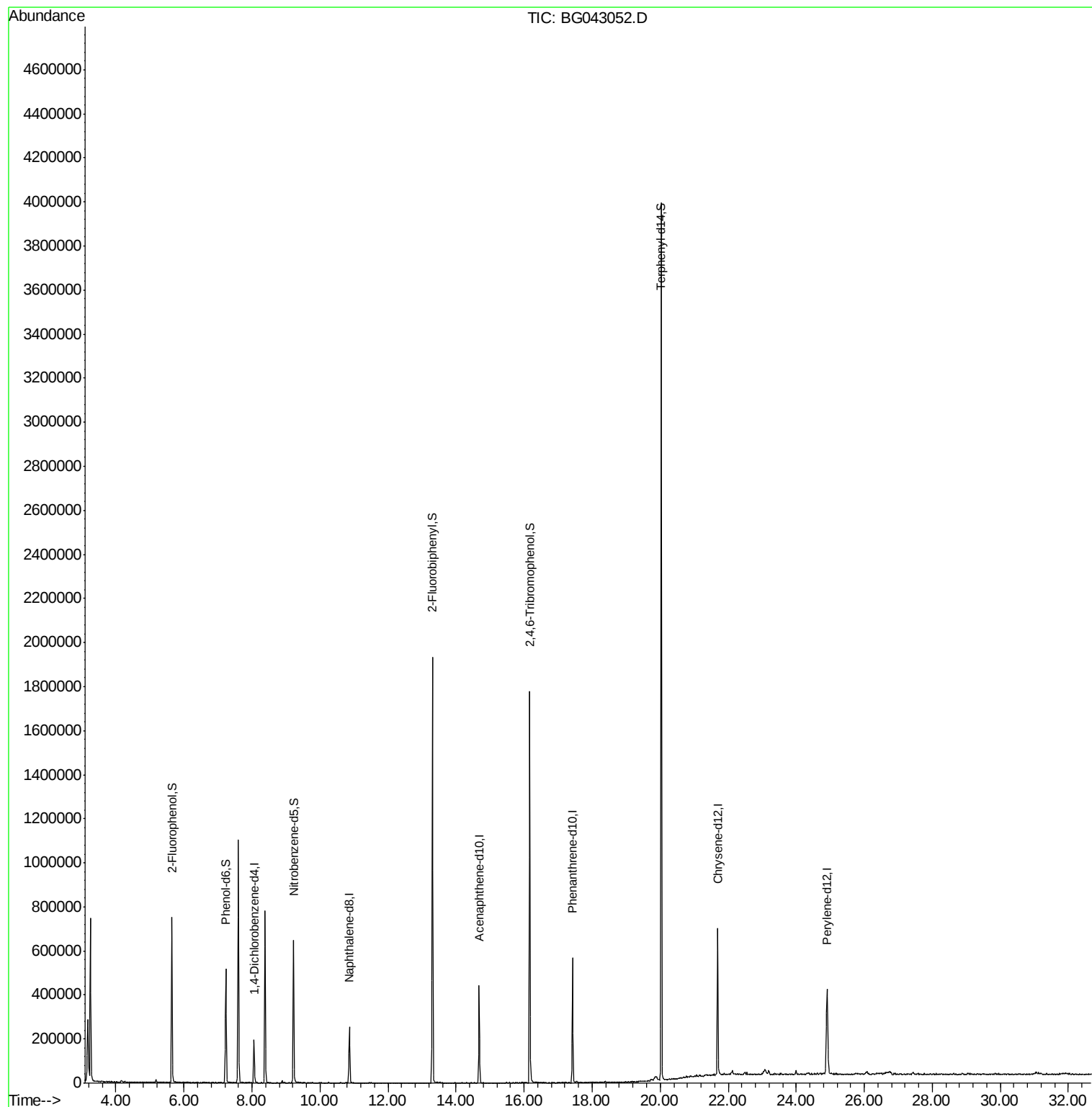
Target Compounds	Qvalue
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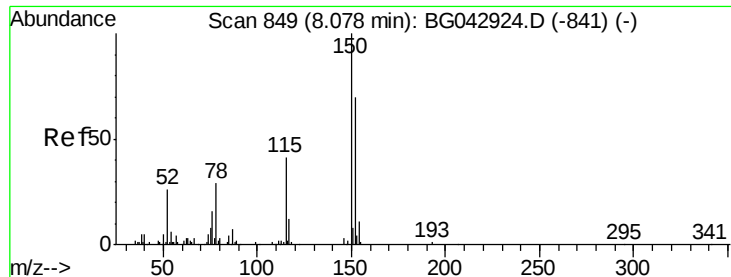
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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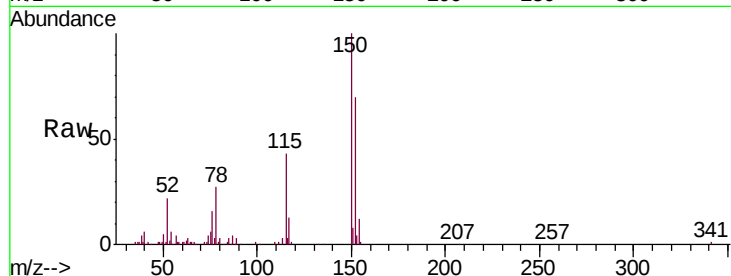


#1

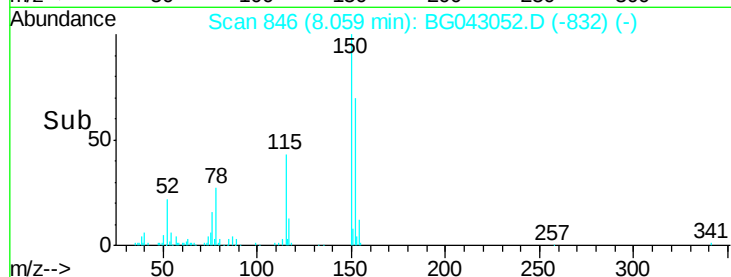
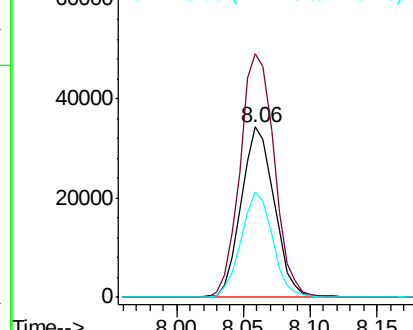
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043052.D
Acq: 5 Oct 2019 12:59

Instrument :
BNA_G
ClientSampleId :
PB123649BL

Tgt Ion:152 Resp: 58909
Ion Ratio Lower Upper
152 100
150 142.9 115.0 172.4
115 62.1 47.0 70.6



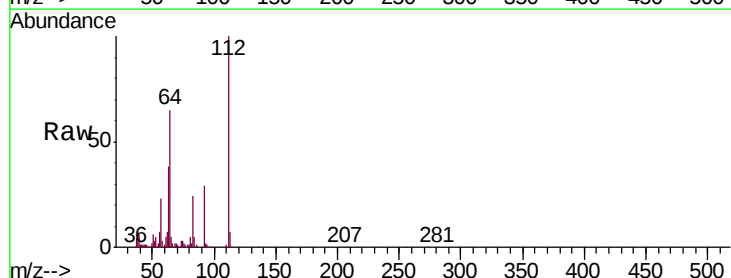
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



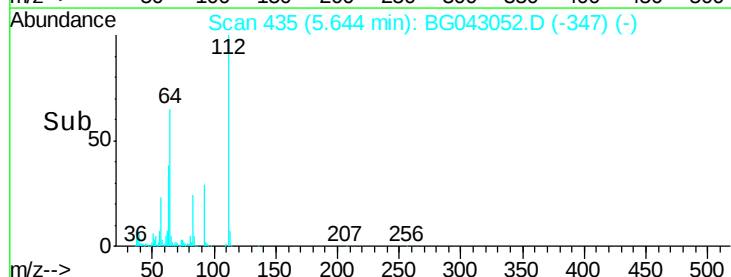
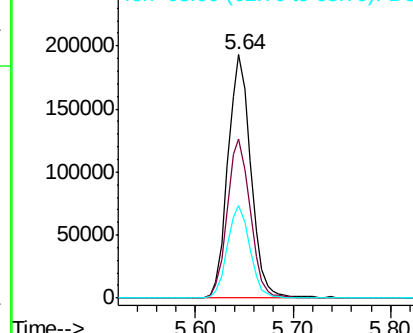
#5

2-Fluorophenol
Concen: 95.695 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043052.D
Acq: 5 Oct 2019 12:59

Tgt Ion:112 Resp: 315881
Ion Ratio Lower Upper
112 100
64 65.1 56.6 84.8
63 37.8 35.1 52.7



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: 62.863 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043052.D

Acq: 5 Oct 2019 12:59

Instrument :

BNA_G

ClientSampleId :

PB123649BL

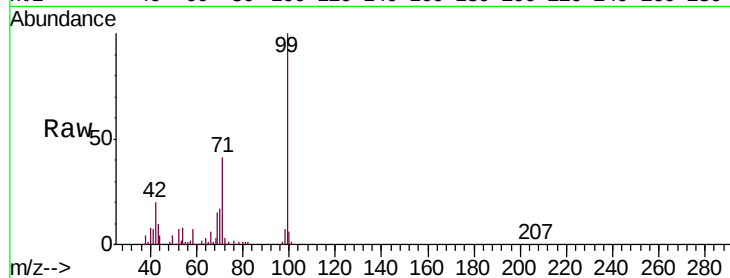
Tgt Ion: 99 Resp: 298823

Ion Ratio Lower Upper

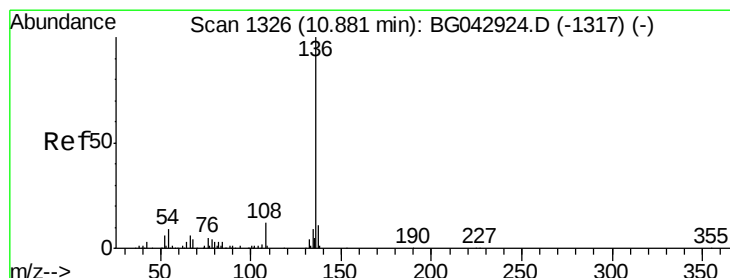
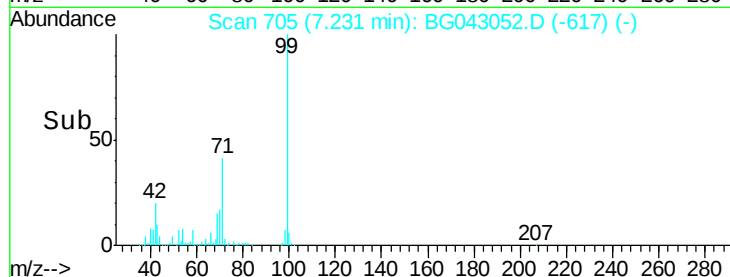
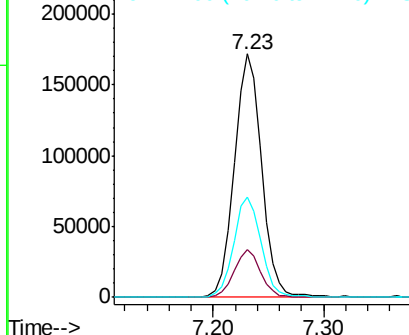
99 100

42 19.6 17.2 25.8

71 41.2 33.1 49.7



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043052.D

Acq: 5 Oct 2019 12:59

Tgt Ion: 136 Resp: 216623

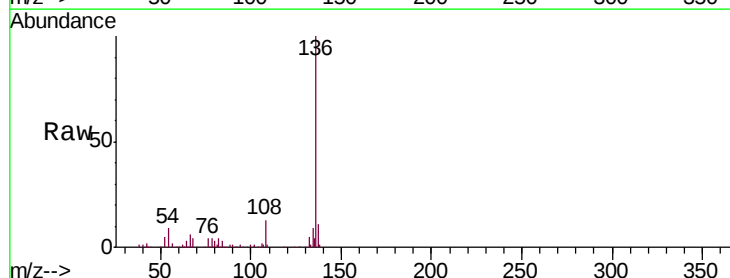
Ion Ratio Lower Upper

136 100

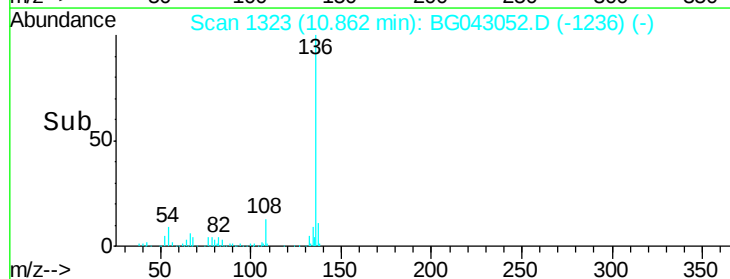
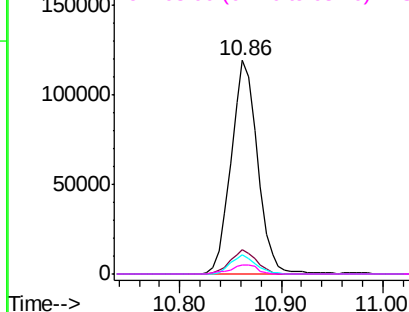
137 11.2 8.5 12.7

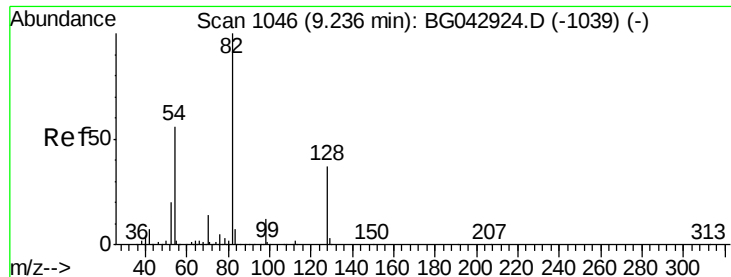
54 9.0 7.4 11.2

68 4.0 3.6 5.4



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

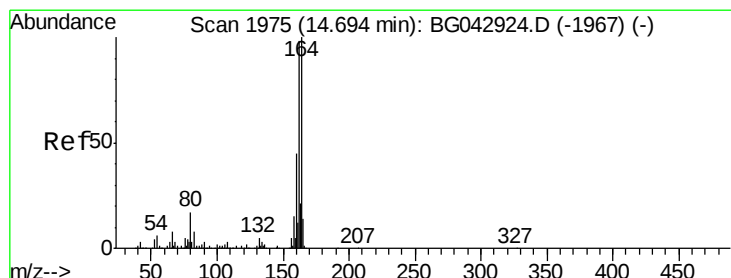
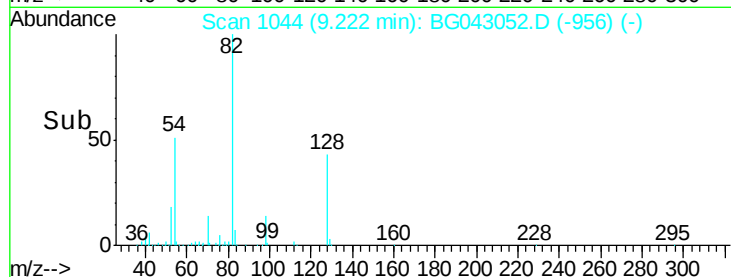
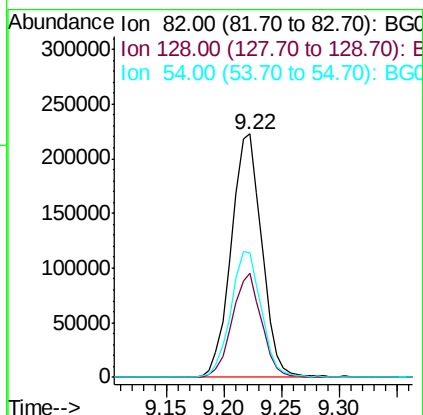
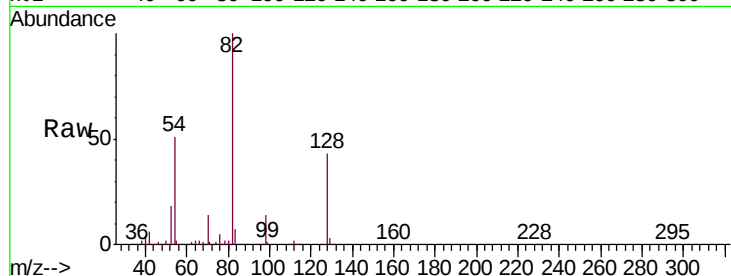




#23
 Nitrobenzene-d5
 Concen: 92.084 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043052.D
 Acq: 5 Oct 2019 12:59

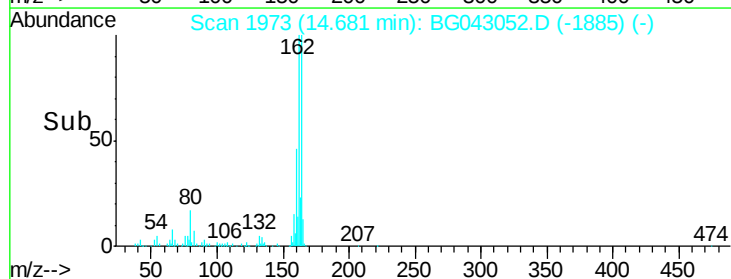
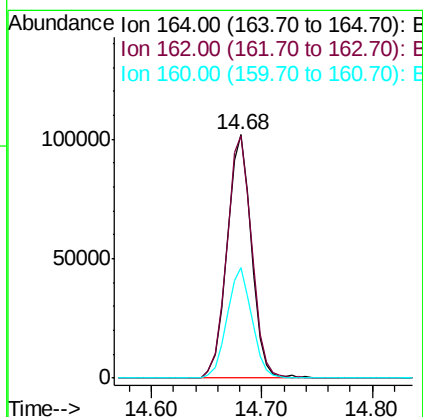
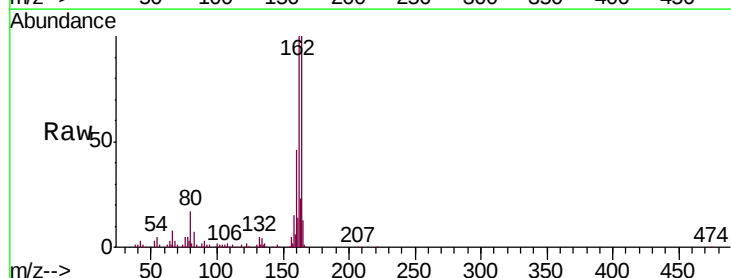
Instrument :
 BNA_G
 ClientSampleId :
 PB123649BL

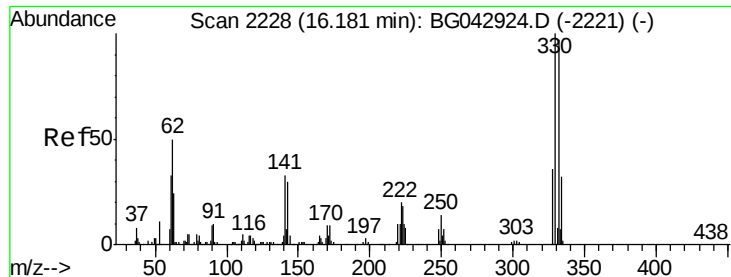
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.5	44.3
54	51.4	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG043052.D
 Acq: 5 Oct 2019 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.5	117.7
160	45.5	35.9	53.9

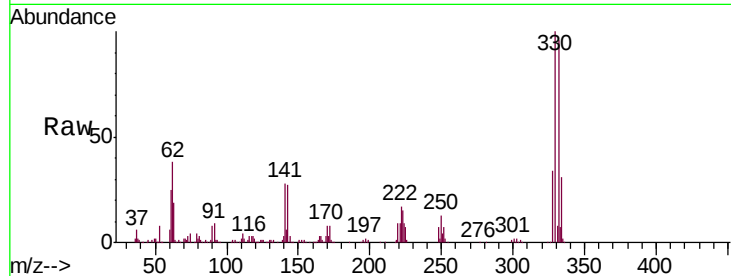




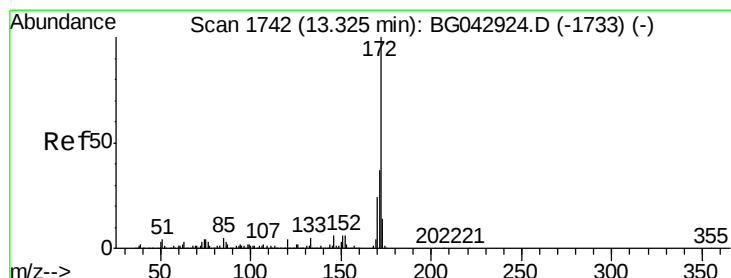
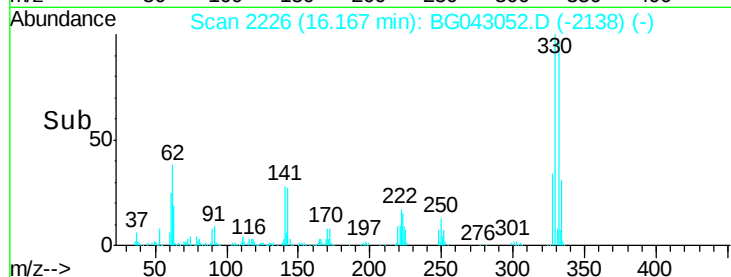
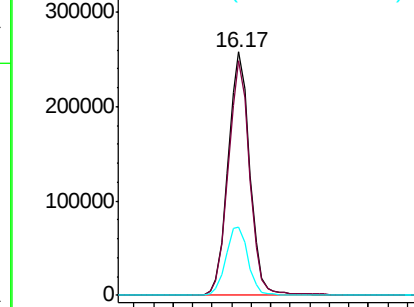
#42
 2,4,6-Tribromophenol
 Concen: 146.798 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043052.D
 Acq: 5 Oct 2019 12:59

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.2	117.2
141	28.8	26.0	39.0

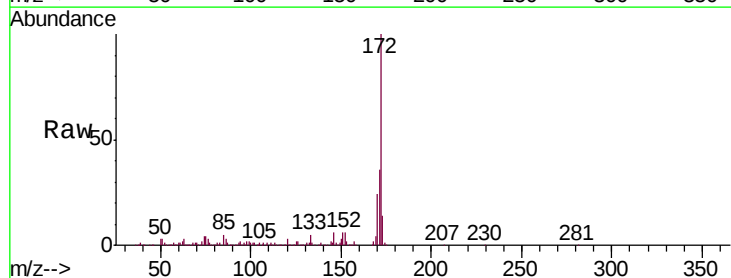


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

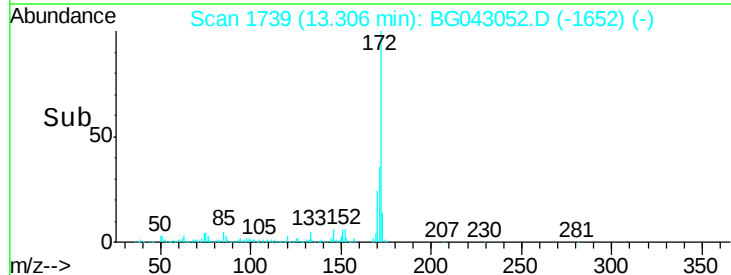
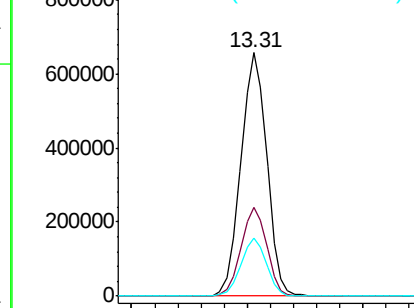


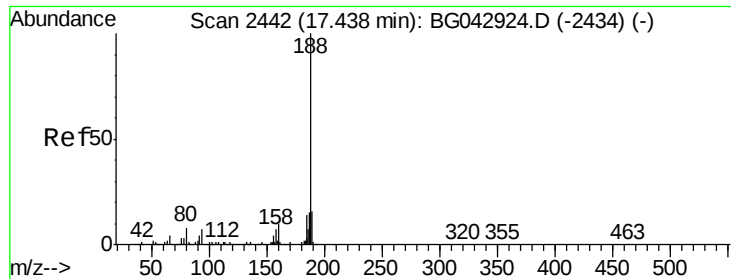
#45
 2-Fluorobiphenyl
 Concen: 94.005 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043052.D
 Acq: 5 Oct 2019 12:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.6	29.4



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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043052.D

Acq: 5 Oct 2019 12:59

Instrument :

BNA_G

ClientSampleId :

PB123649BL

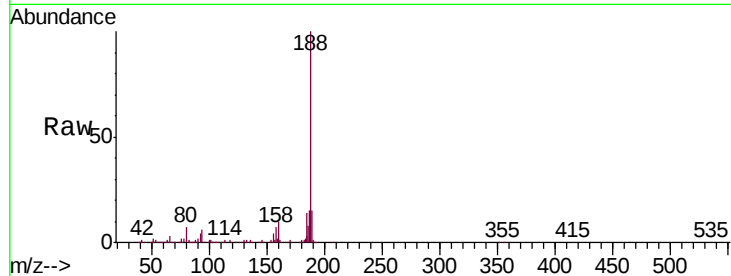
Tgt Ion:188 Resp: 374212

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

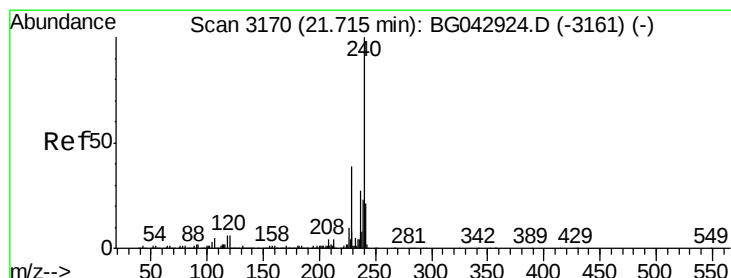
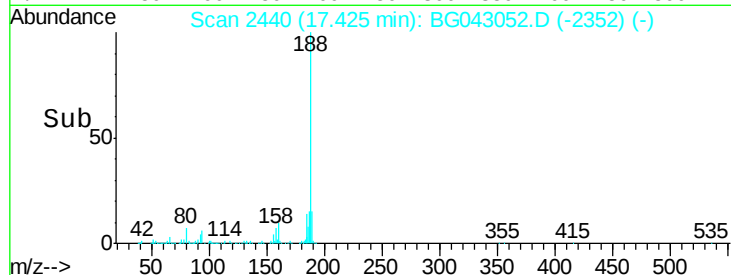
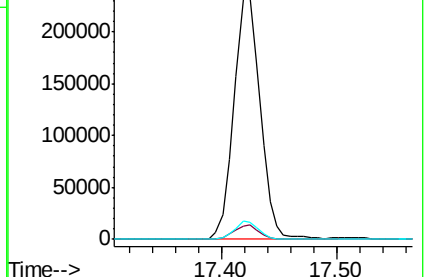
80 7.2 6.5 9.7



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: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043052.D

Acq: 5 Oct 2019 12:59

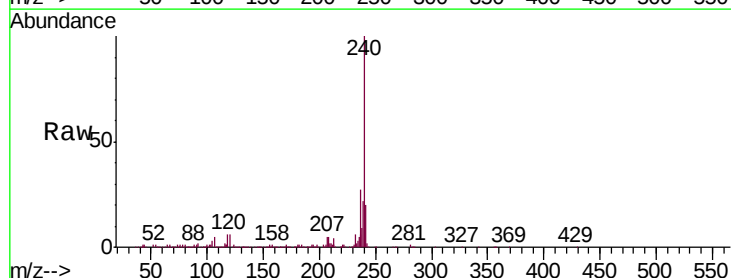
Tgt Ion:240 Resp: 398926

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

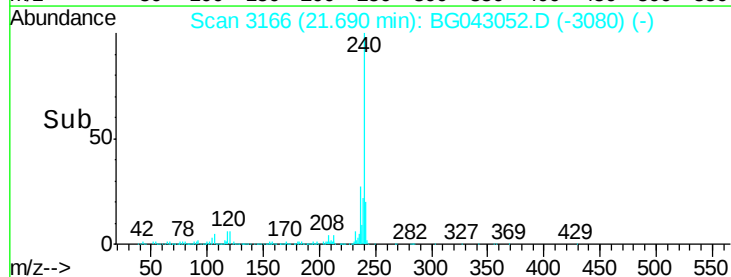
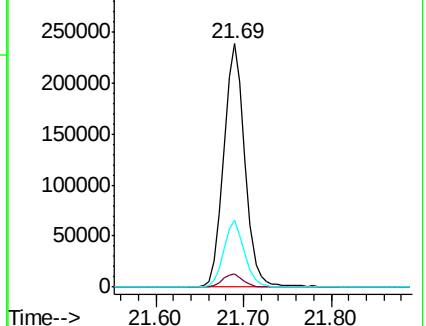
236 27.4 21.4 32.0

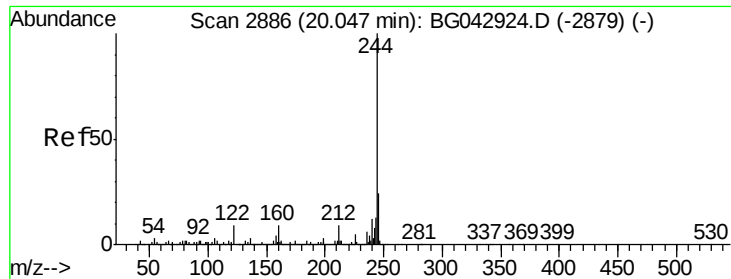


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.779 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043052.D

Acq: 5 Oct 2019 12:59

Instrument :

BNA_G

ClientSampleId :

PB123649BL

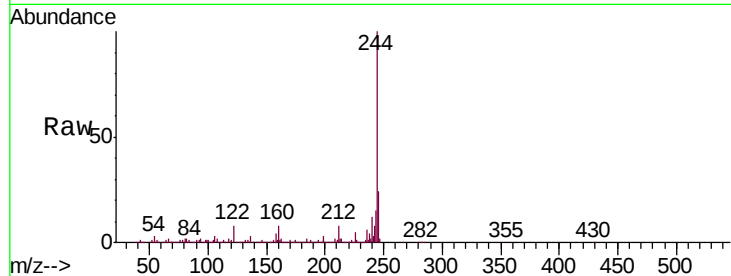
Tgt Ion:244 Resp: 1961583

Ion Ratio Lower Upper

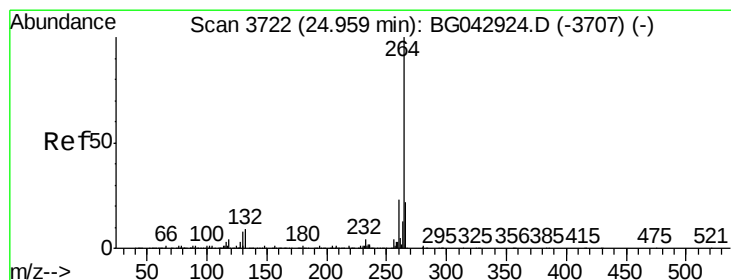
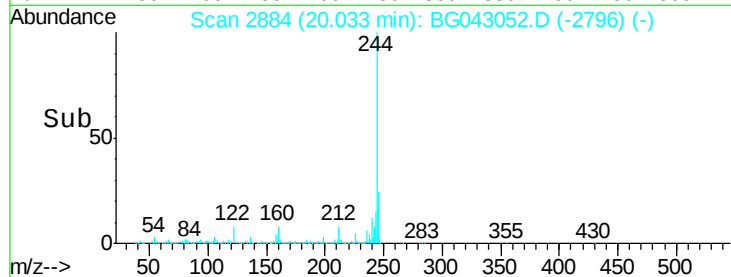
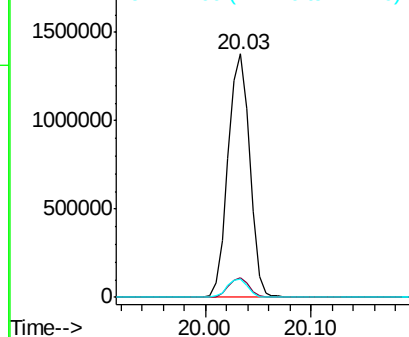
244 100

212 8.1 7.4 11.0

122 7.6 7.0 10.4



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: 24.90 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043052.D

Acq: 5 Oct 2019 12:59

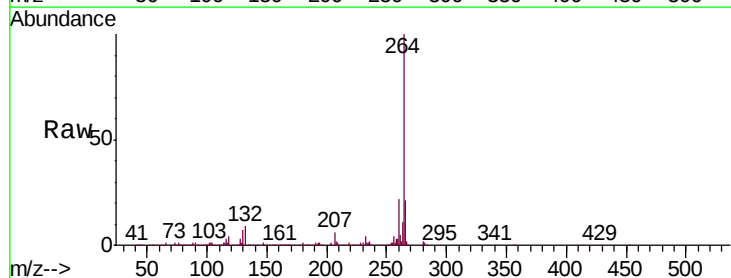
Tgt Ion:264 Resp: 455893

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.9 17.7 26.5



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

