

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041578.D
 Acq On : 3 Jul 2019 1:53
 Operator : HP/JU
 Sample : PB121109BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BL

Quant Time: Jul 03 06:20:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29914	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	97685	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67547	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	192603	20.00	ng	0.00
76) Chrysene-d12	21.70	240	237817	20.00	ng	0.00
87) Perylene-d12	24.99	264	244280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	207250	123.52	ng	0.00
7) Phenol-d6	7.19	99	279759	118.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	197052	84.13	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	138475	120.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	467467	88.81	ng	0.00
79) Terphenyl-d14	20.03	244	1086779	97.11	ng	0.00

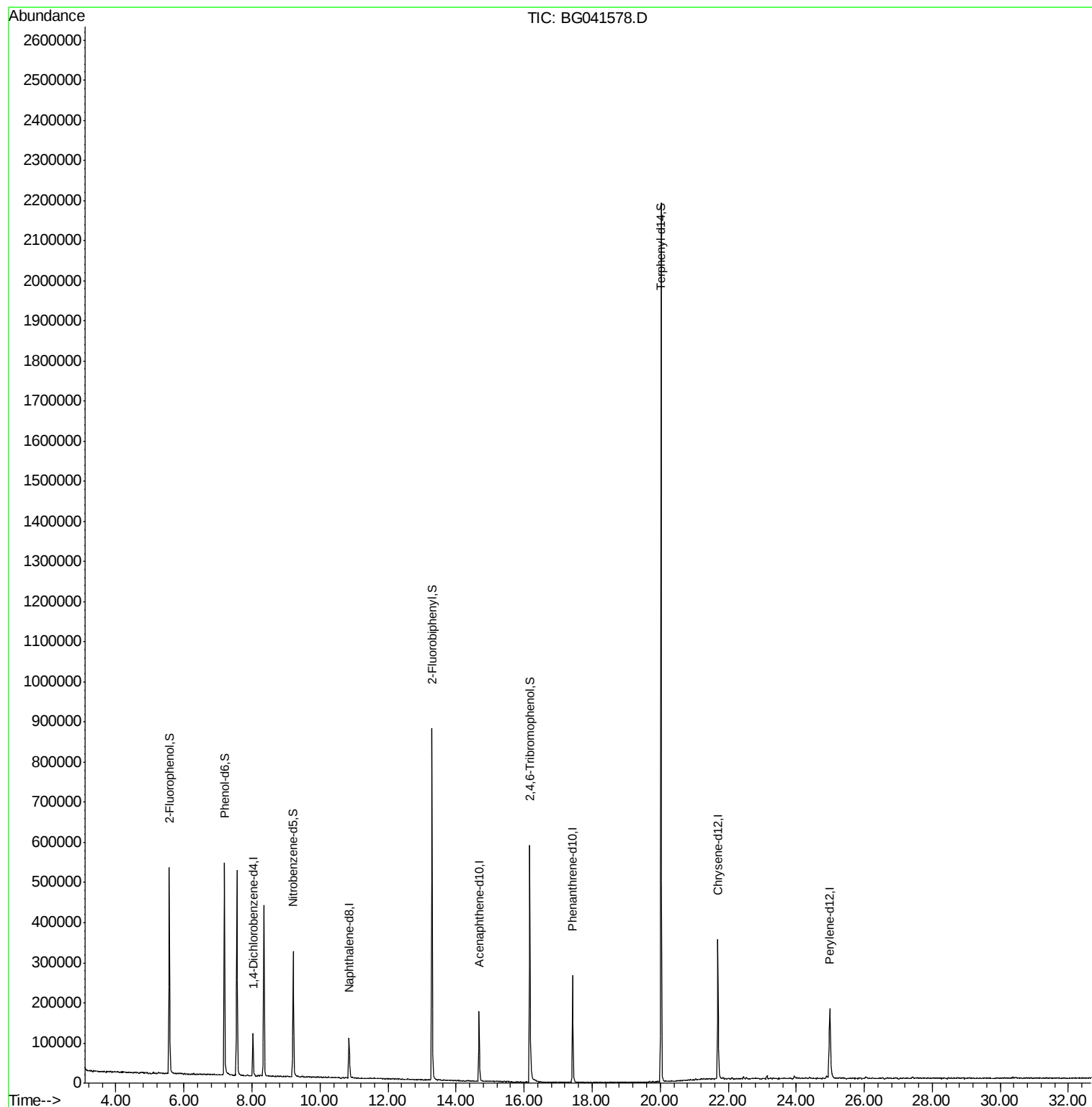
Target Compounds Qvalue

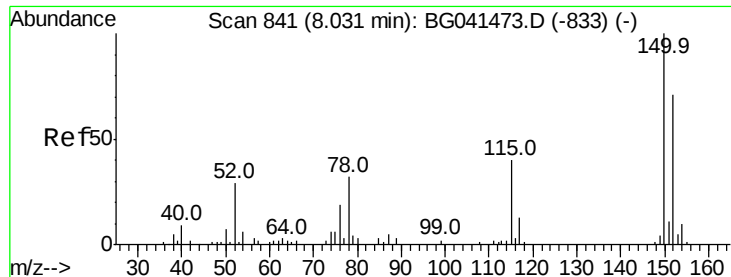
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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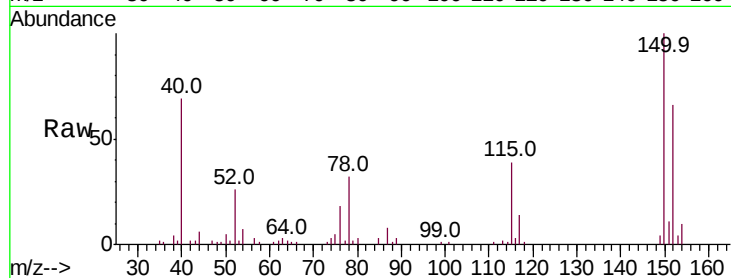


#1

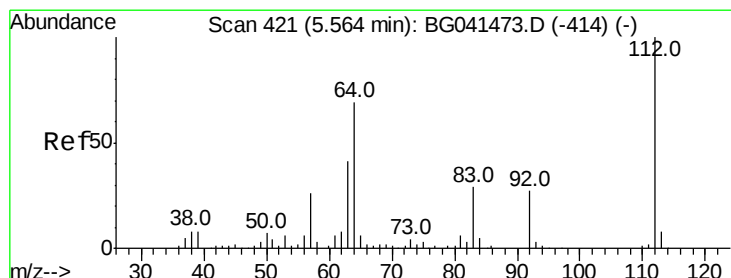
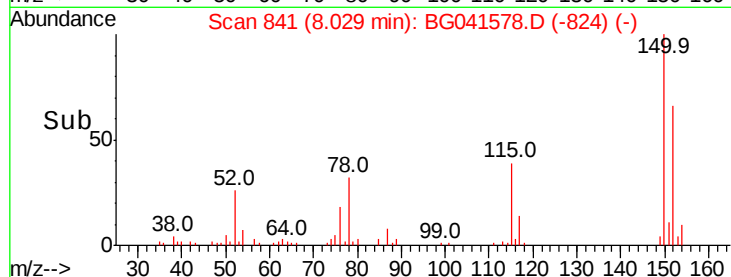
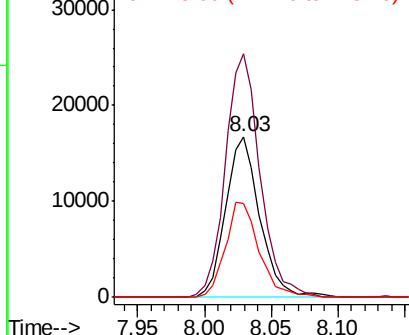
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041578.D
Acq: 3 Jul 2019 1:53

Instrument :
BNA_G
ClientSampleId :
PB121109BL

Tot Ion:152 Resp: 29914
Ion Ratio Lower Upper
152 100
150 151.6 112.4 168.6
115 58.7 44.6 66.8



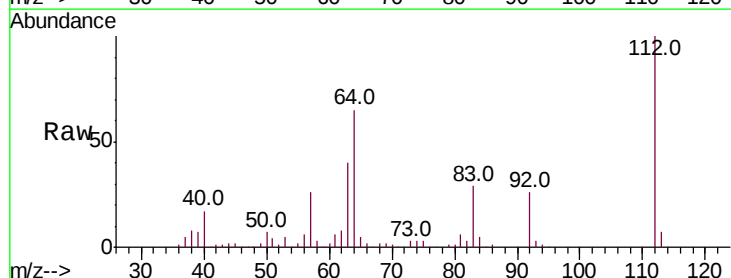
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



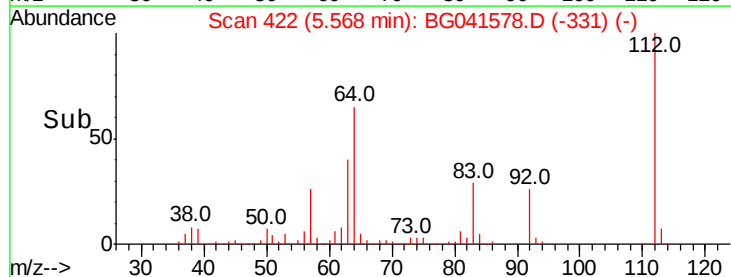
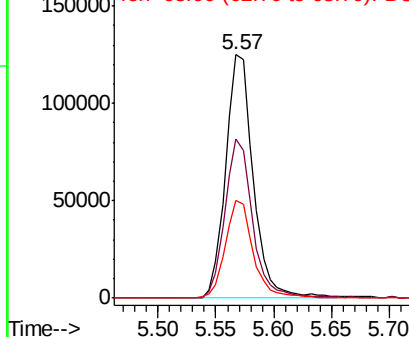
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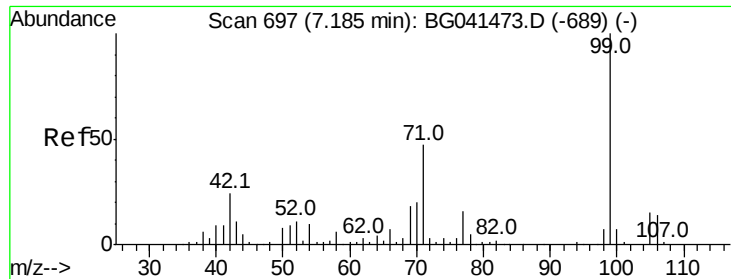
2-Fluorophenol
Concen: 123.519 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041578.D
Acq: 3 Jul 2019 1:53

Tgt Ion:112 Resp: 207250
Ion Ratio Lower Upper
112 100
64 65.4 55.1 82.7
63 40.1 32.4 48.6



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: 118.441 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041578.D

Acq: 3 Jul 2019 1:53

Instrument :

BNA_G

ClientSampleId :

PB121109BL

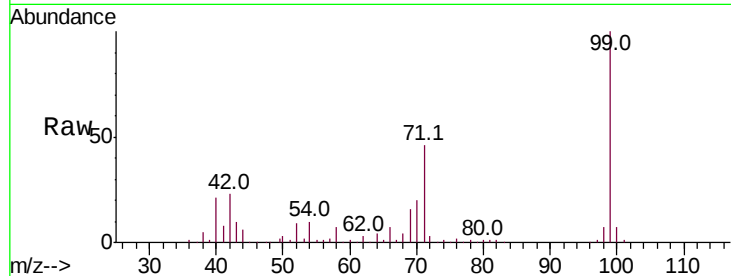
Tot Ion: 99 Resp: 279759

Ion Ratio Lower Upper

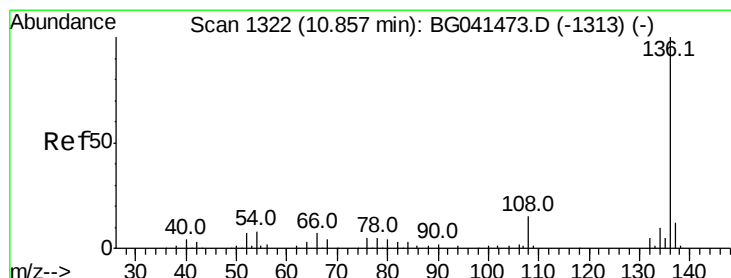
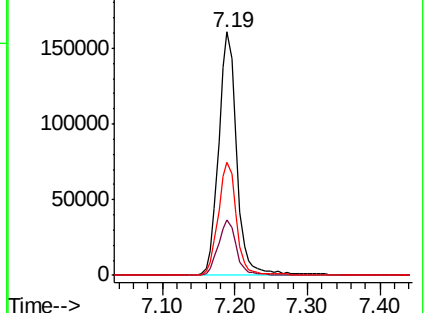
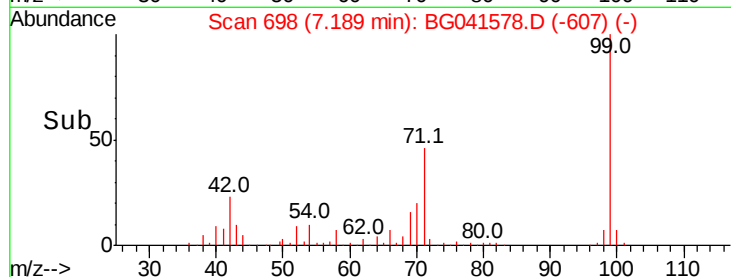
99 100

42 22.8 19.0 28.6

71 46.3 37.4 56.2



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# 1322

Delta R.T. -0.00 min

Lab File: BG041578.D

Acq: 3 Jul 2019 1:53

Tgt Ion: 136 Resp: 97685

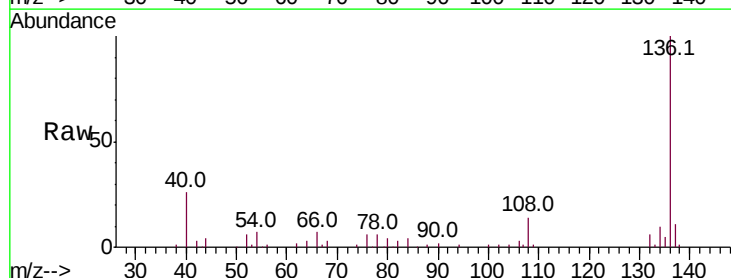
Ion Ratio Lower Upper

136 100

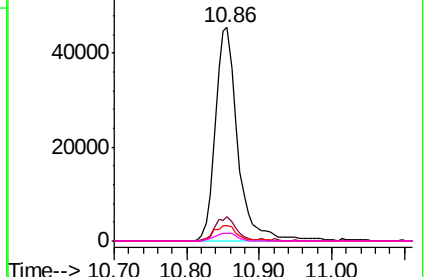
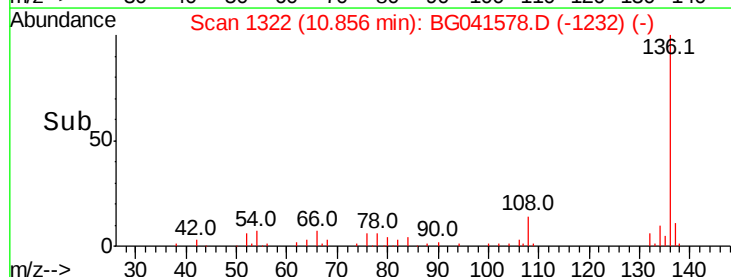
137 11.5 9.3 13.9

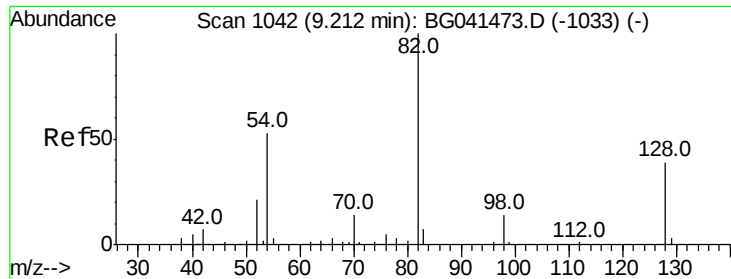
54 7.3 7.1 10.7

68 3.3 3.3 4.9



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

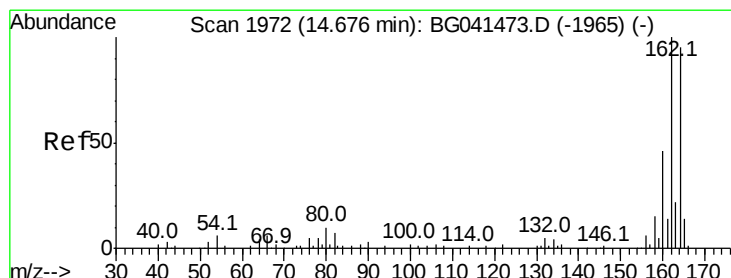
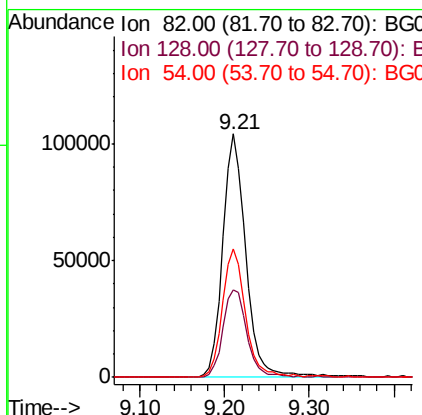
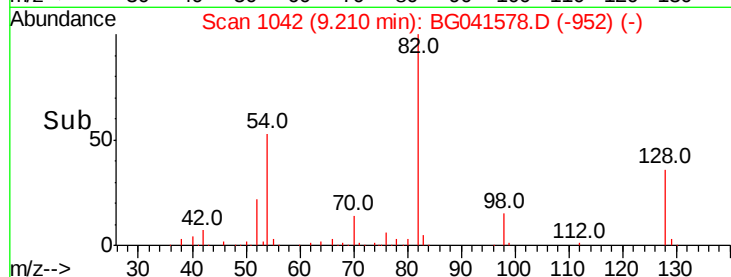
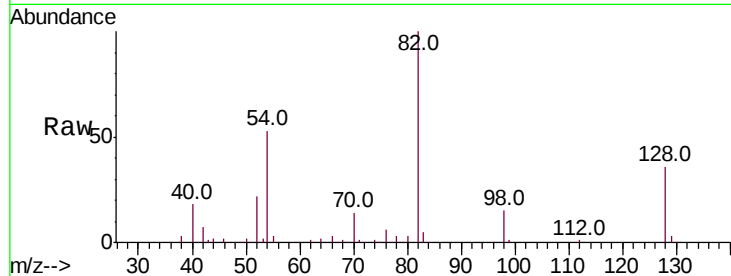




#23
 Nitrobenzene-d5
 Concen: 84.132 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041578.D
 Acq: 3 Jul 2019 1:53

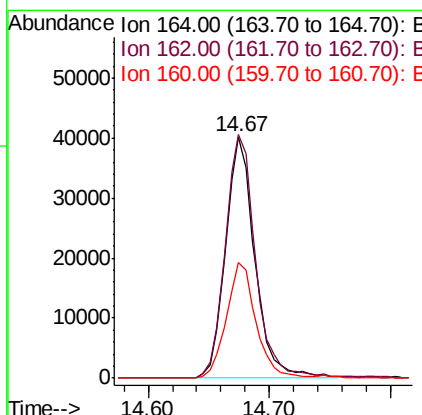
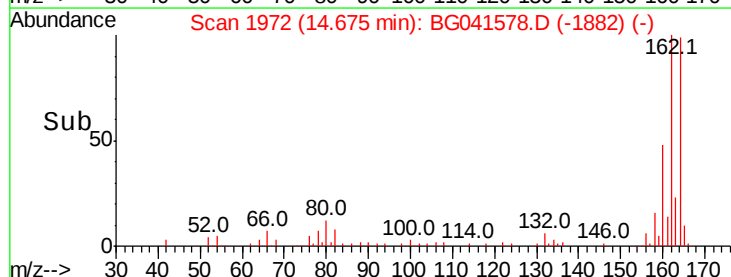
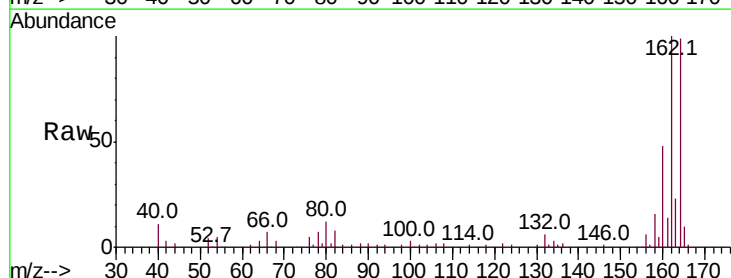
Instrument :
 BNA_G
 ClientSampleId :
 PB121109BL

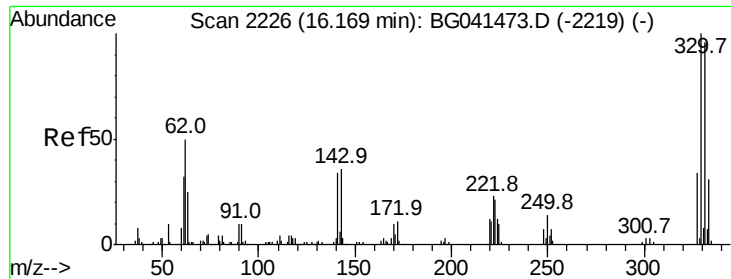
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.9	46.3
54	52.8	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041578.D
 Acq: 3 Jul 2019 1:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.4	126.6
160	48.1	38.8	58.2

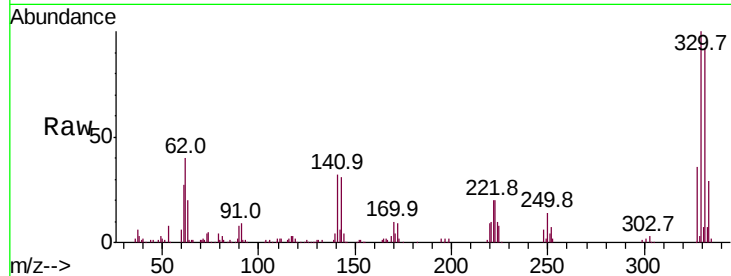




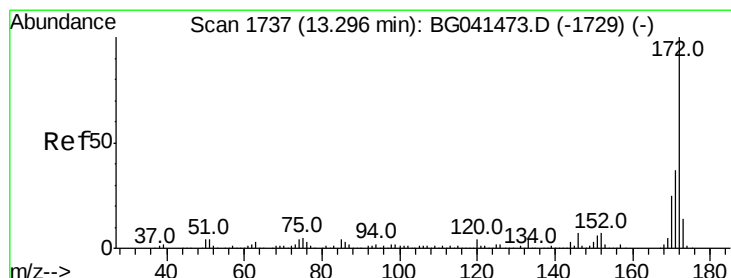
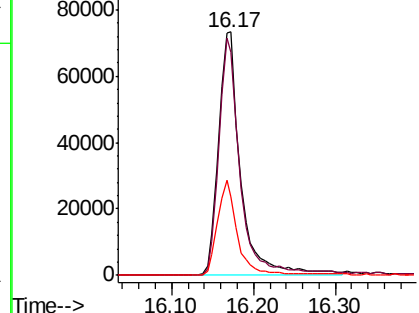
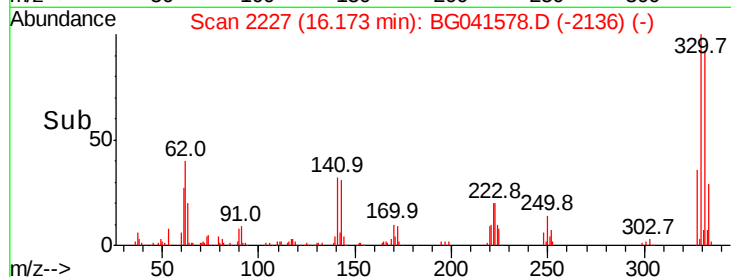
#42
 2,4,6-Tribromophenol
 Concen: 120.066 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG041578.D
 Acq: 3 Jul 2019 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.8	75.5	113.3
141	34.9	27.8	41.6

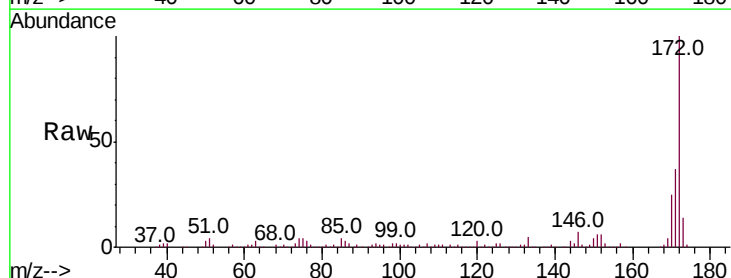


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

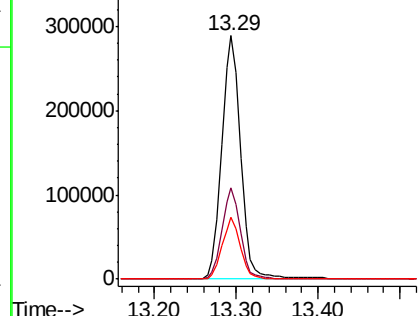
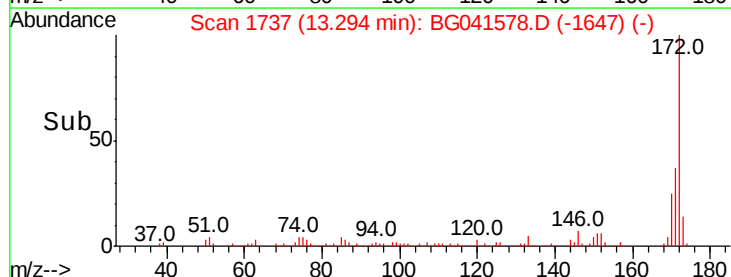


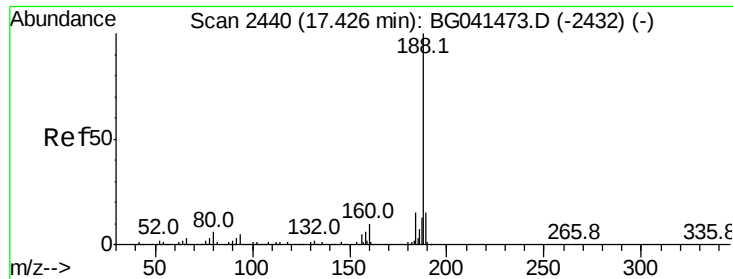
#45
 2-Fluorobiphenyl
 Concen: 88.809 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041578.D
 Acq: 3 Jul 2019 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	25.1	20.0	30.0



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. -0.00 min

Lab File: BG041578.D

Acq: 3 Jul 2019 1:53

Instrument :

BNA_G

ClientSampleId :

PB121109BL

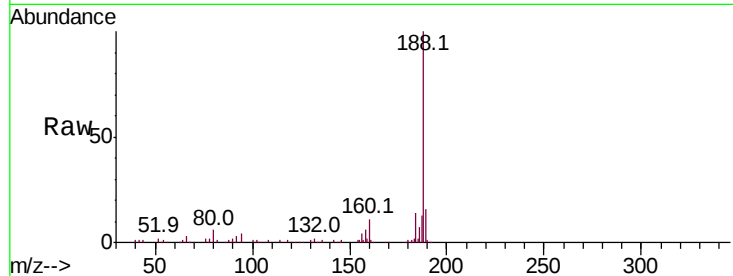
Tot Ion:188 Resp: 192603

Ion Ratio Lower Upper

188 100

94 3.9 3.8 5.8

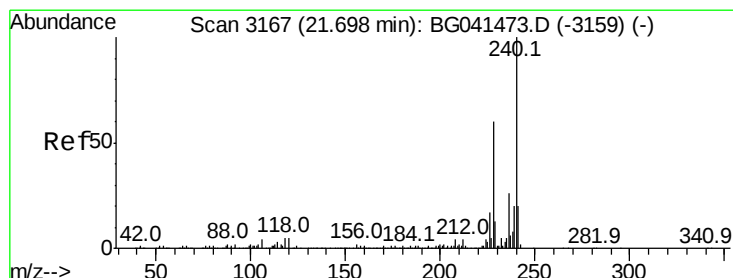
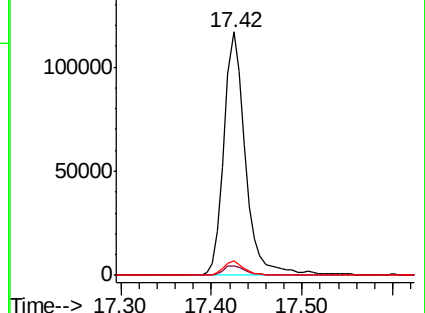
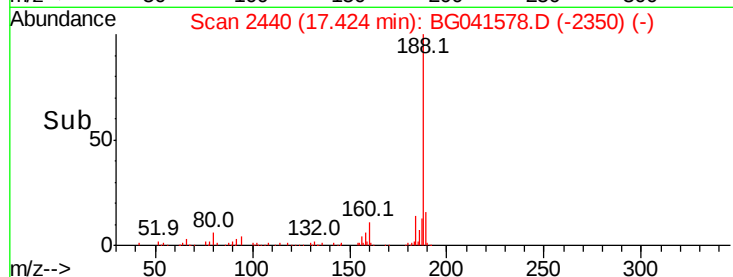
80 5.7 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041578.D

Acq: 3 Jul 2019 1:53

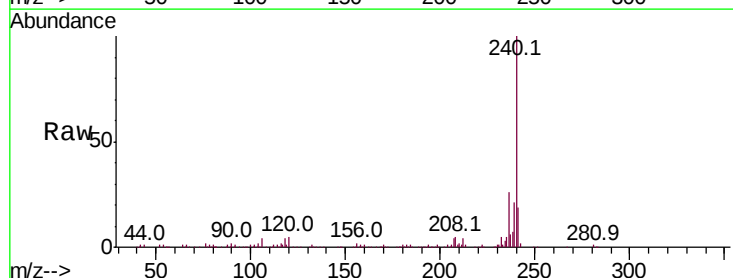
Tgt Ion:240 Resp: 237817

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

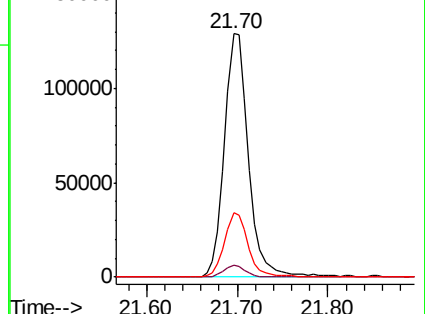
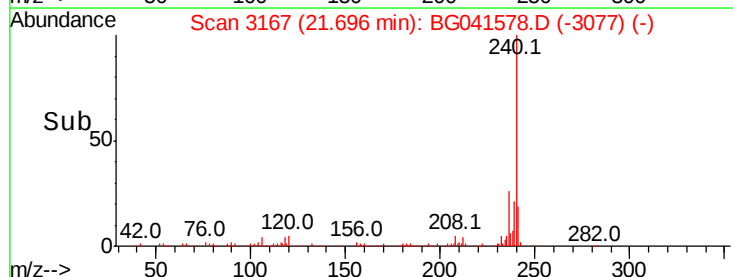
236 26.3 20.8 31.2

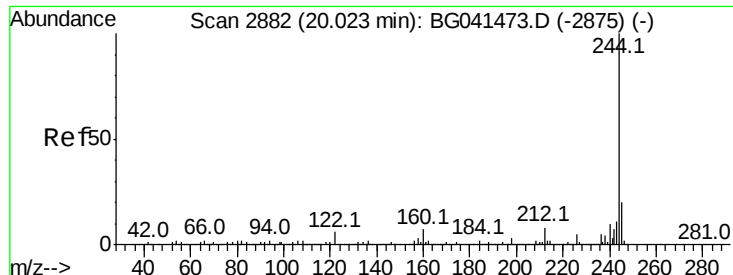


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.112 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041578.D

Acq: 3 Jul 2019 1:53

Instrument :

BNA_G

ClientSampled :

PB121109BL

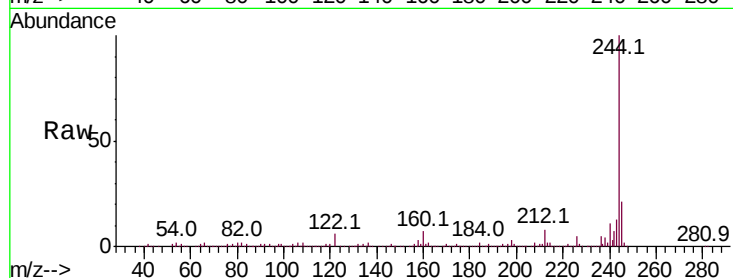
Tot Ion:244 Resp: 1086779

Ion Ratio Lower Upper

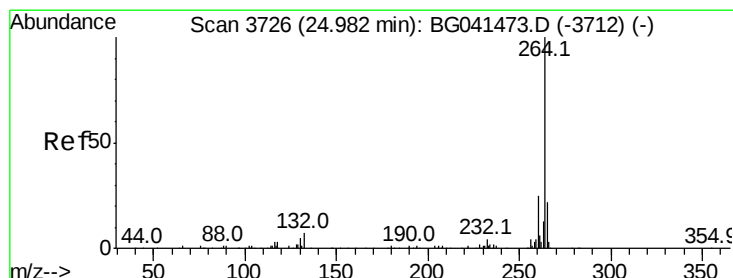
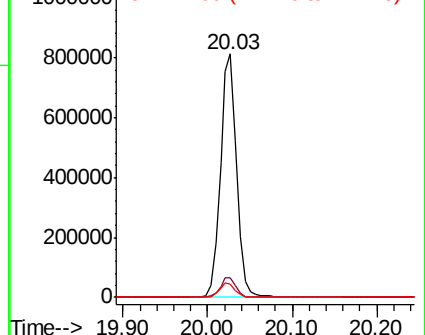
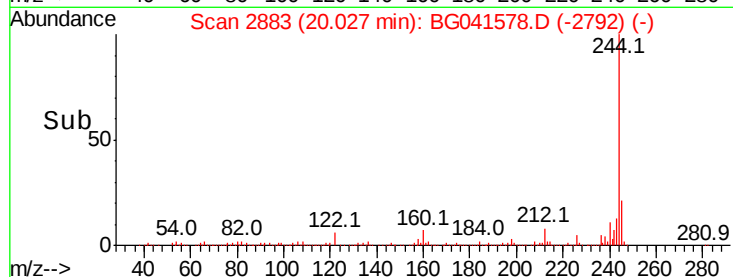
244 100

212 8.1 6.2 9.4

122 5.6 4.8 7.2



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: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG041578.D

Acq: 3 Jul 2019 1:53

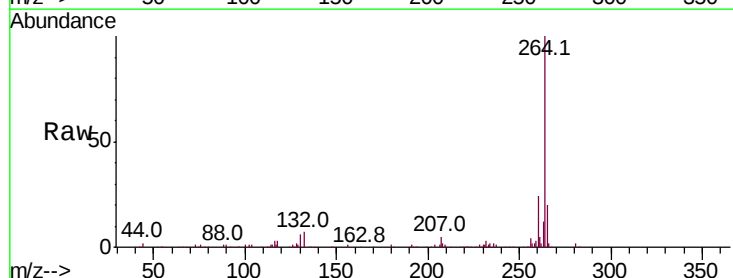
Tgt Ion:264 Resp: 244280

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 19.9 17.4 26.2



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

