

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041375.D
 Acq On : 21 Jun 2019 12:47
 Operator : HP/JU
 Sample : PB120652BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BL

Quant Time: Jun 21 16:11:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28901	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	104076	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	73217	20.00	ng	-0.01
64) Phenanthrene-d10	17.45	188	201485	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	214661	20.00	ng	-0.01
87) Perylene-d12	25.04	264	229635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219278	139.41	ng	-0.01
7) Phenol-d6	7.22	99	308341	135.24	ng	-0.01
23) Nitrobenzene-d5	9.25	82	214655	86.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	154425	137.38	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	492884	91.50	ng	-0.01
79) Terphenyl-d14	20.05	244	1021461	94.30	ng	-0.01

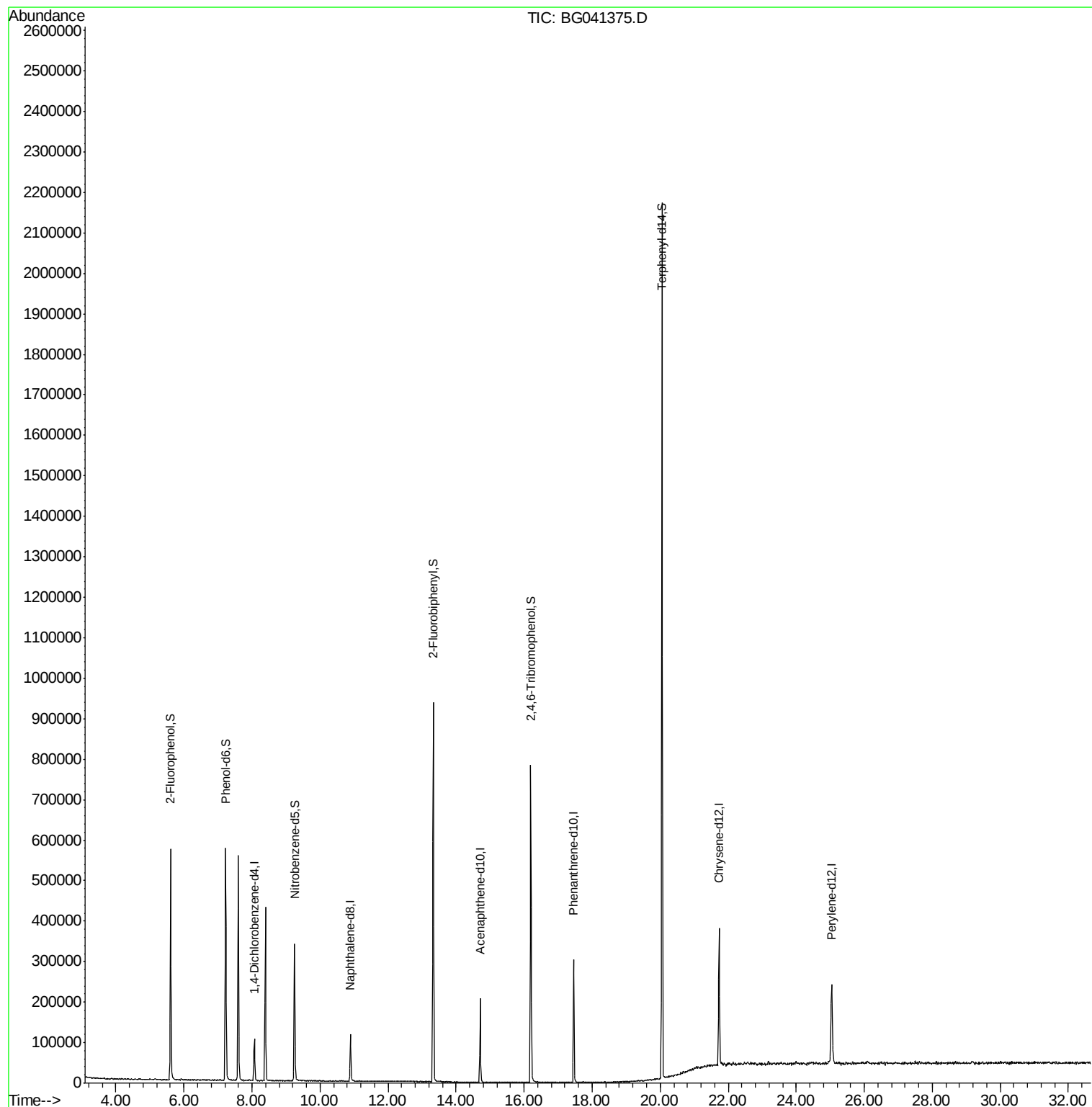
Target Compounds Qvalue

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

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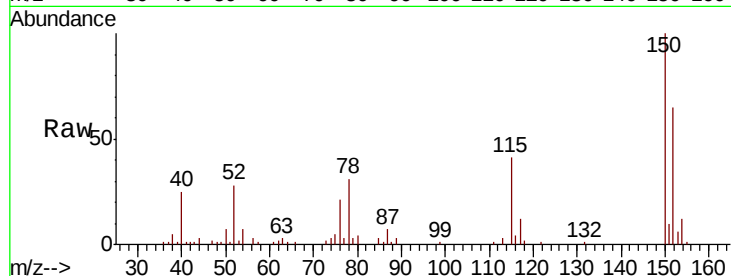




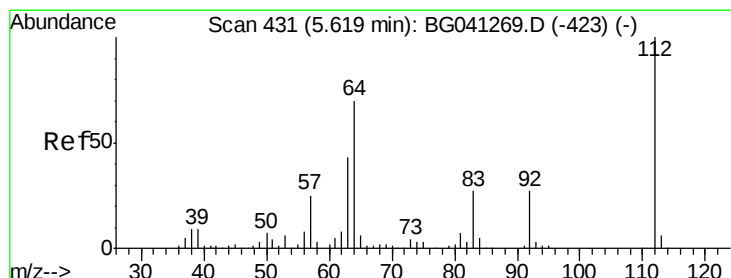
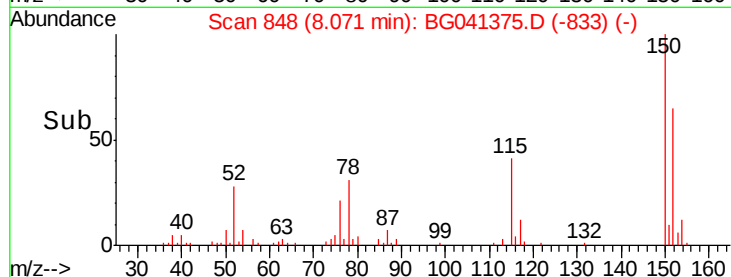
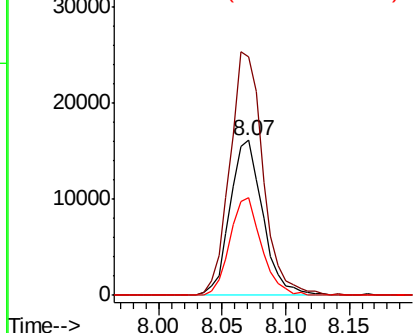
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BL

Tot Ion:152 Resp: 28901
 Ion Ratio Lower Upper
 152 100
 150 153.8 120.6 181.0
 115 62.9 47.9 71.9

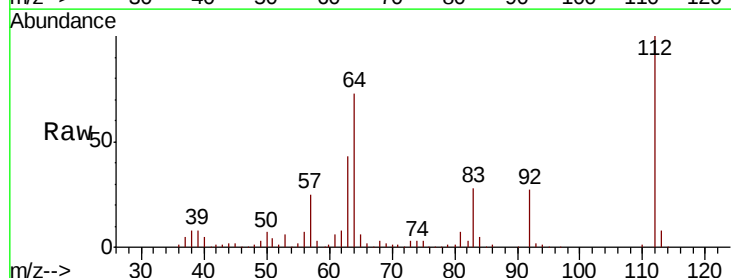


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

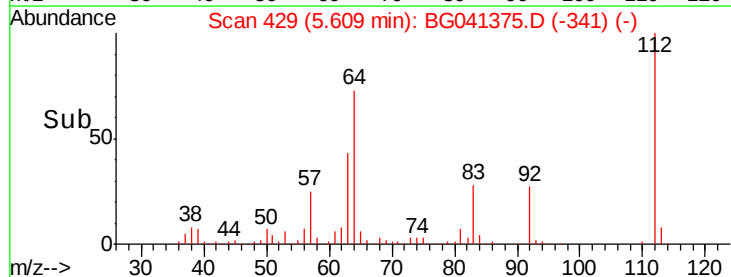
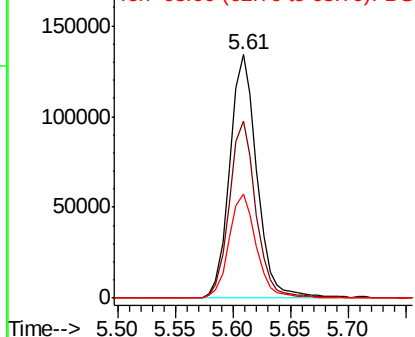


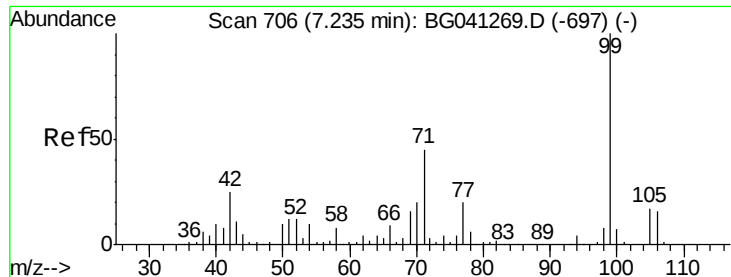
#5
 2-Fluorophenol
 Concen: 139.409 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Tgt Ion:112 Resp: 219278
 Ion Ratio Lower Upper
 112 100
 64 72.9 55.9 83.9
 63 42.9 34.6 51.8



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: 135.240 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Instrument :

BNA_G

ClientSampleId :

PB120652BL

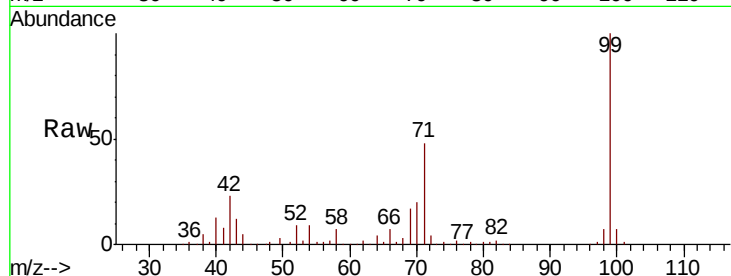
Tot Ion: 99 Resp: 308341

Ion Ratio Lower Upper

99 100

42 23.1 19.9 29.9

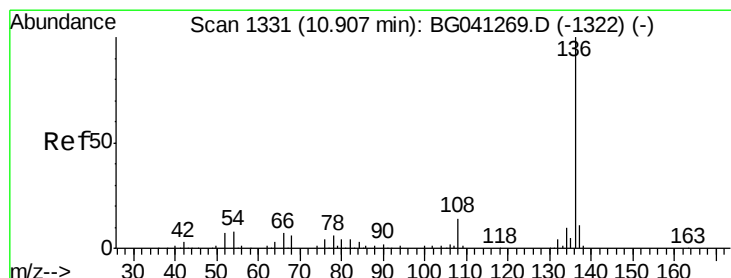
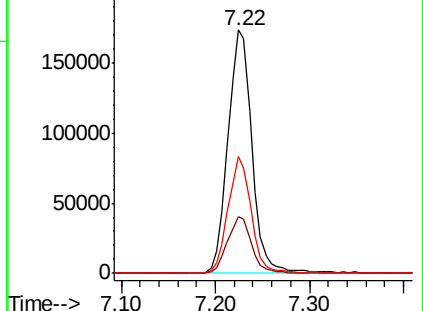
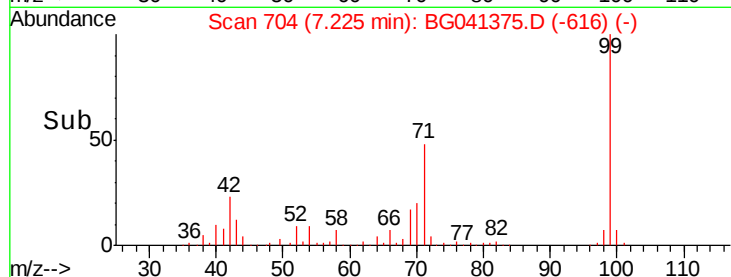
71 48.1 36.4 54.6



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: 10.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Tgt Ion: 136 Resp: 104076

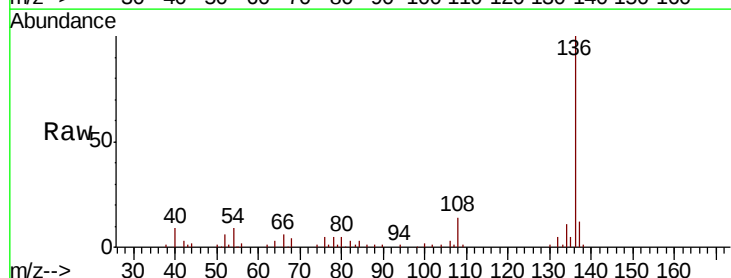
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 9.8 6.4 9.6#

68 4.2 4.8 7.2#

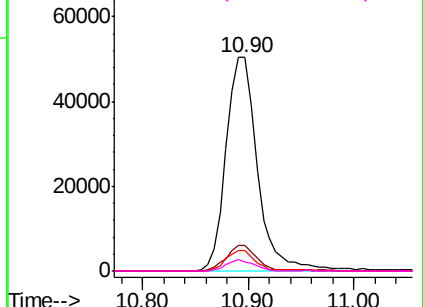
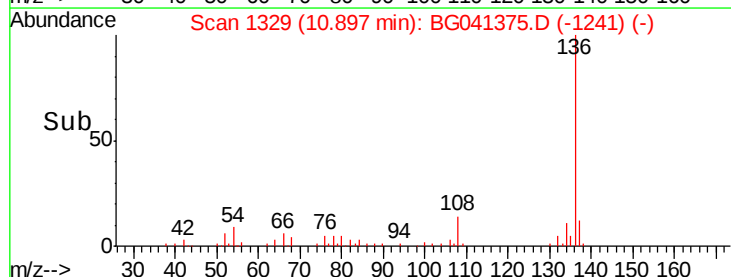


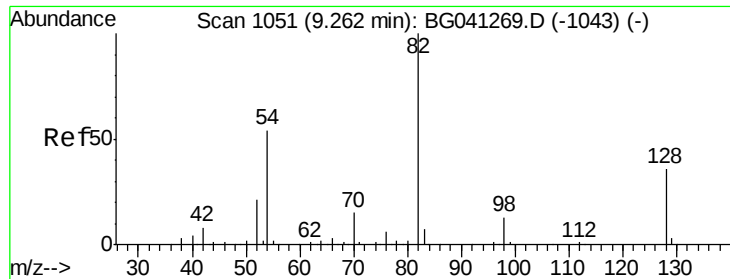
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

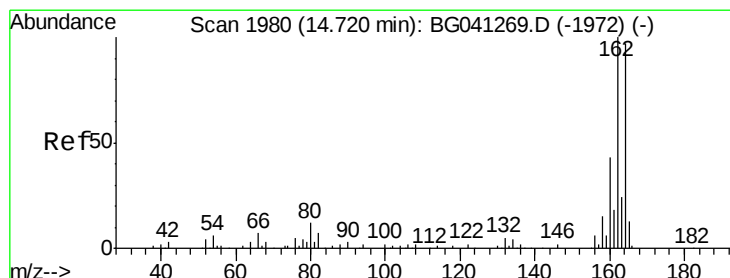
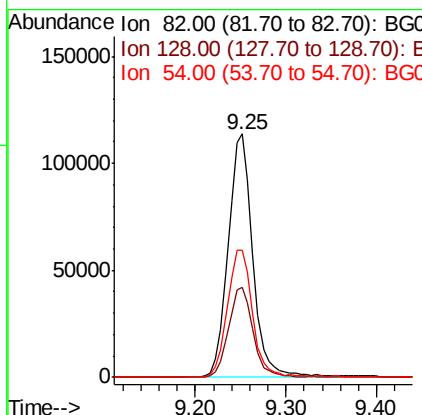
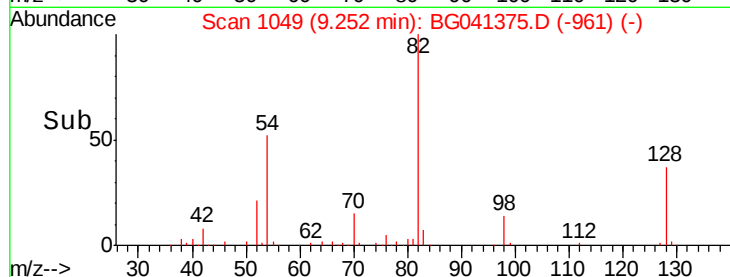
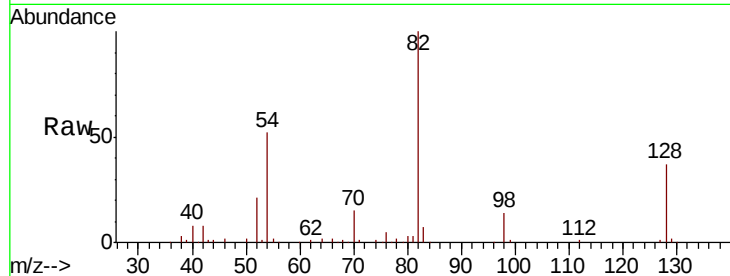




#23
Nitrobenzene-d5
Concen: 86.740 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

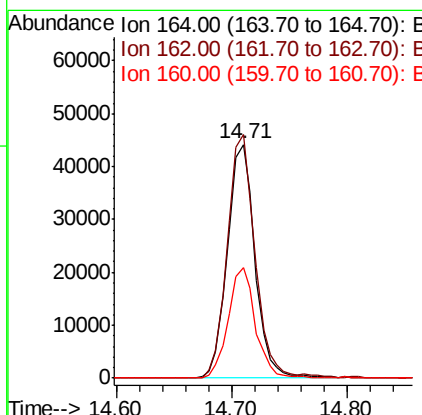
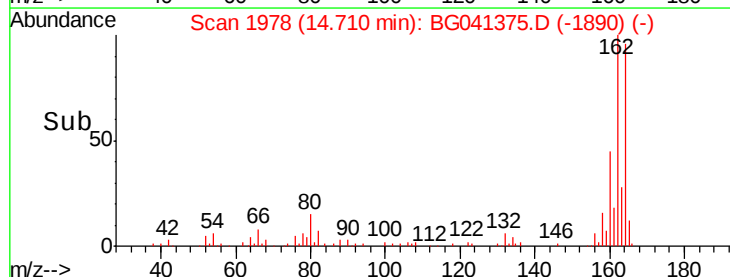
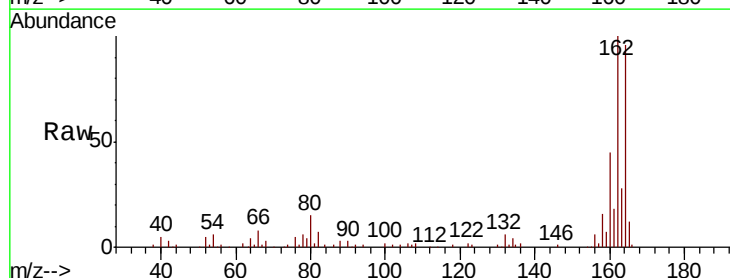
Instrument :
BNA_G
ClientSampleId :
PB120652BL

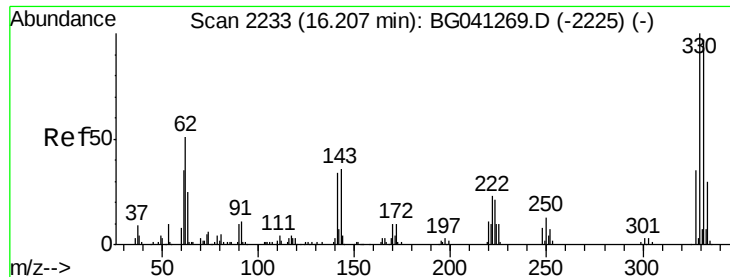
Tot Ion	82	Resp	214655
Ion Ratio	100	Lower	Upper
128	37.1	29.2	43.8
54	52.3	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041375.D
Acq: 21 Jun 2019 12:47

Tgt Ion	164	Resp	73217
Ion Ratio	100	Lower	Upper
162	104.0	82.8	124.2
160	47.1	35.8	53.8

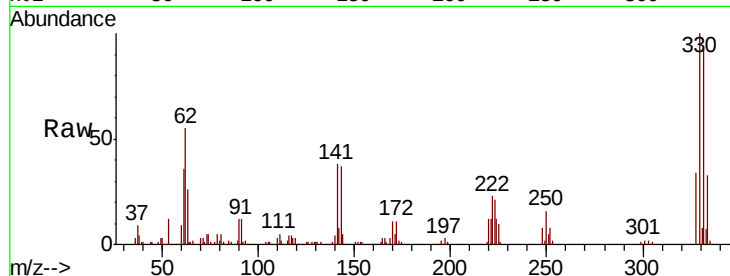




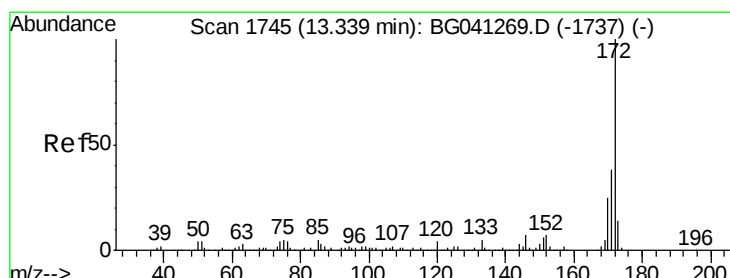
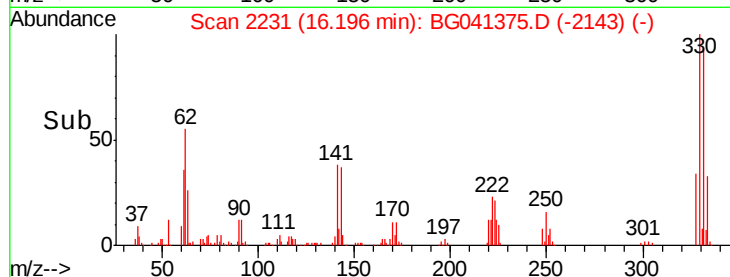
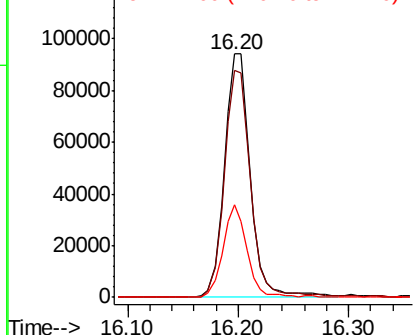
#42
 2,4,6-Tribromophenol
 Concen: 137.384 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BL

Tot Ion:330 Resp: 154425
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 35.4 29.0 43.4

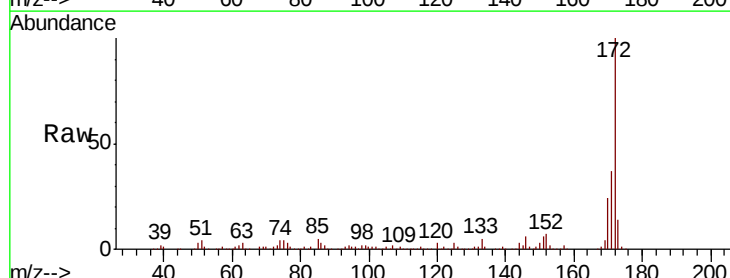


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

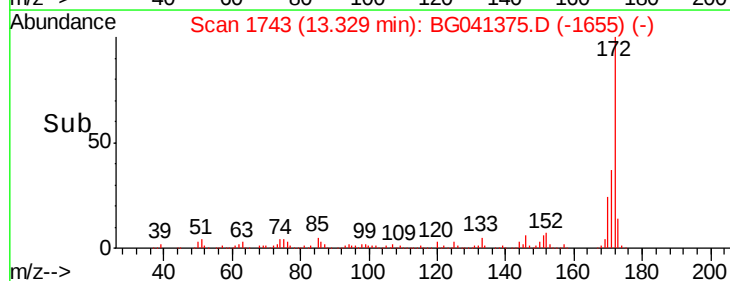
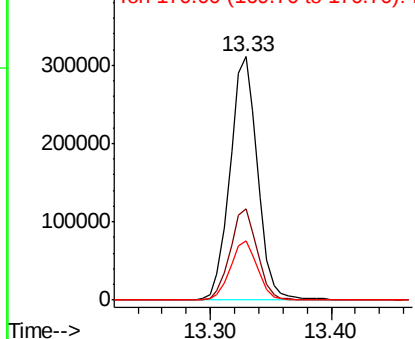


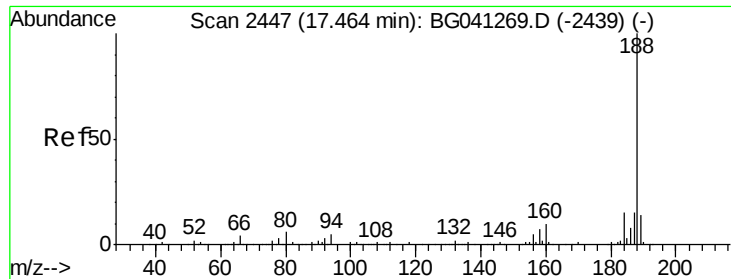
#45
 2-Fluorobiphenyl
 Concen: 91.496 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG041375.D
 Acq: 21 Jun 2019 12:47

Tgt Ion:172 Resp: 492884
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.3 19.8 29.6



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: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Instrument :

BNA_G

ClientSampleId :

PB120652BL

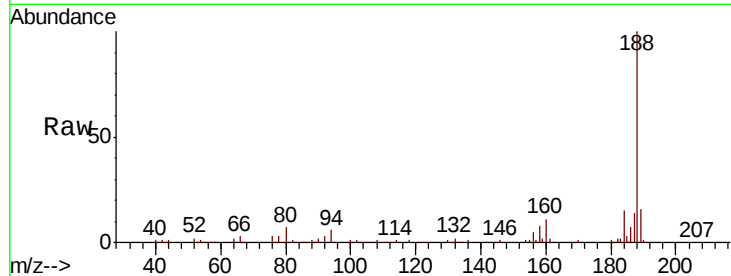
Tot Ion:188 Resp: 201485

Ion Ratio Lower Upper

188 100

94 6.1 3.6 5.4#

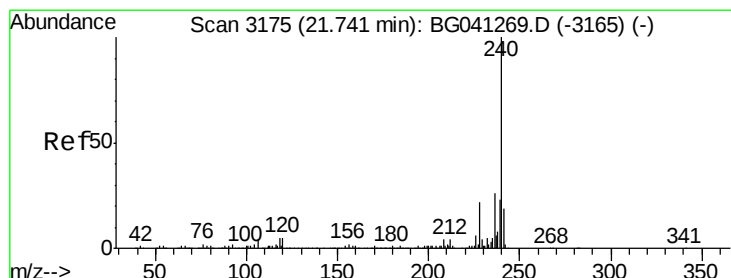
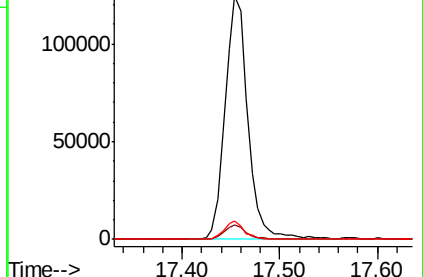
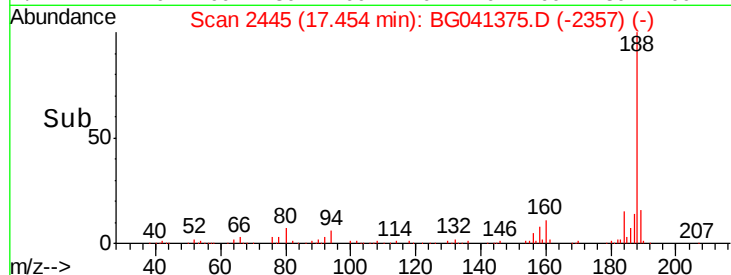
80 7.3 4.8 7.2#



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

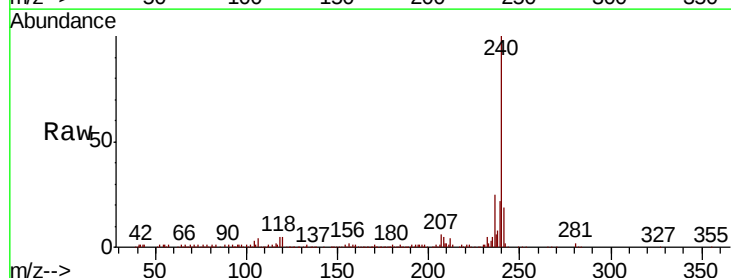
Tgt Ion:240 Resp: 214661

Ion Ratio Lower Upper

240 100

120 4.7 3.7 5.5

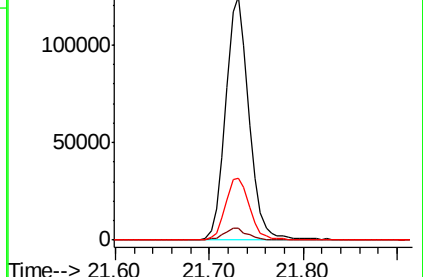
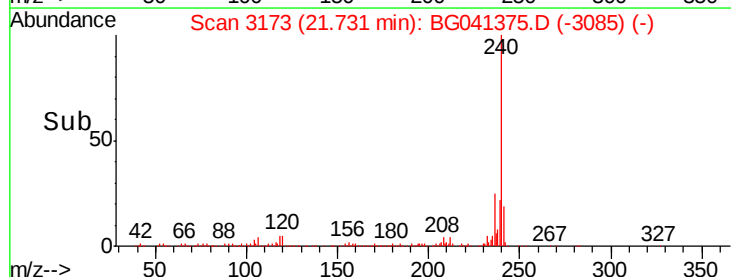
236 25.4 21.1 31.7

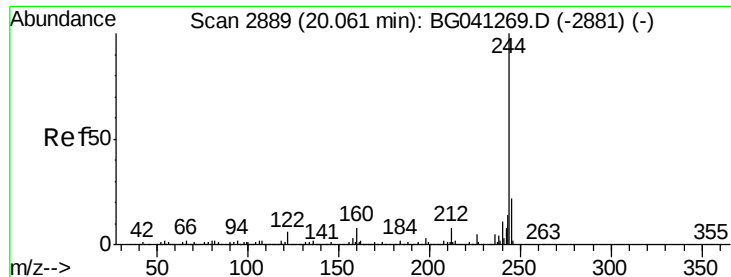


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.303 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

Instrument :

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ClientSampleId :

PB120652BL

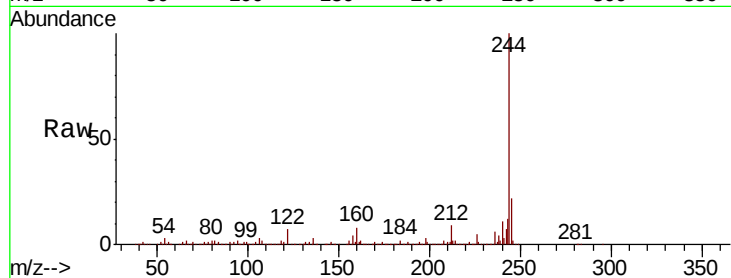
Tot Ion:244 Resp: 1021461

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

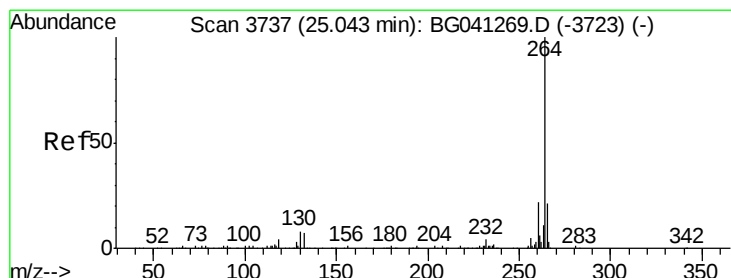
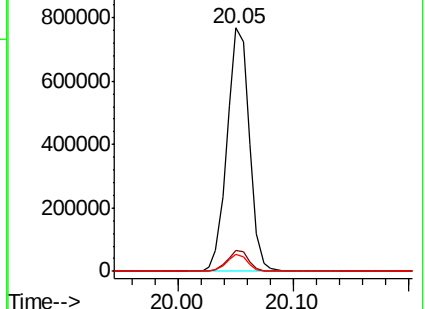
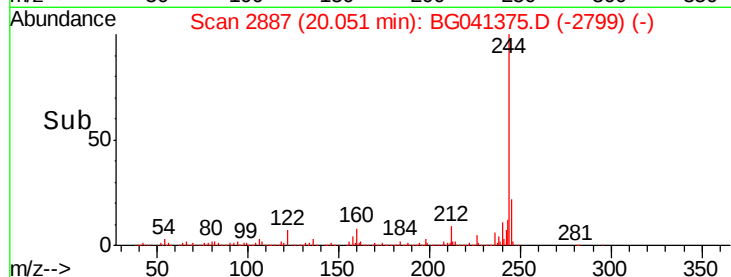
122 7.1 5.0 7.4



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: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG041375.D

Acq: 21 Jun 2019 12:47

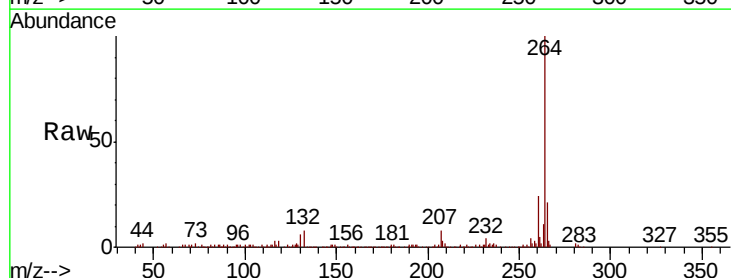
Tgt Ion:264 Resp: 229635

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.2

265 20.8 17.2 25.8



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

