

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040242.D
 Acq On : 30 Mar 2019 1:56
 Operator : JU/SJ
 Sample : K2121-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Mar 30 05:00:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55184	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	232807	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	162703	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	401851	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	390405	20.00	ng	-0.02
87) Perylene-d12	25.01	264	392764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246132	74.15	ng	0.00
7) Phenol-d6	7.20	99	226322	49.33	ng	-0.02
23) Nitrobenzene-d5	9.23	82	411554	93.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	275909	156.91	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	988212	90.00	ng	-0.02
79) Terphenyl-d14	20.03	244	1497371	86.28	ng	-0.02

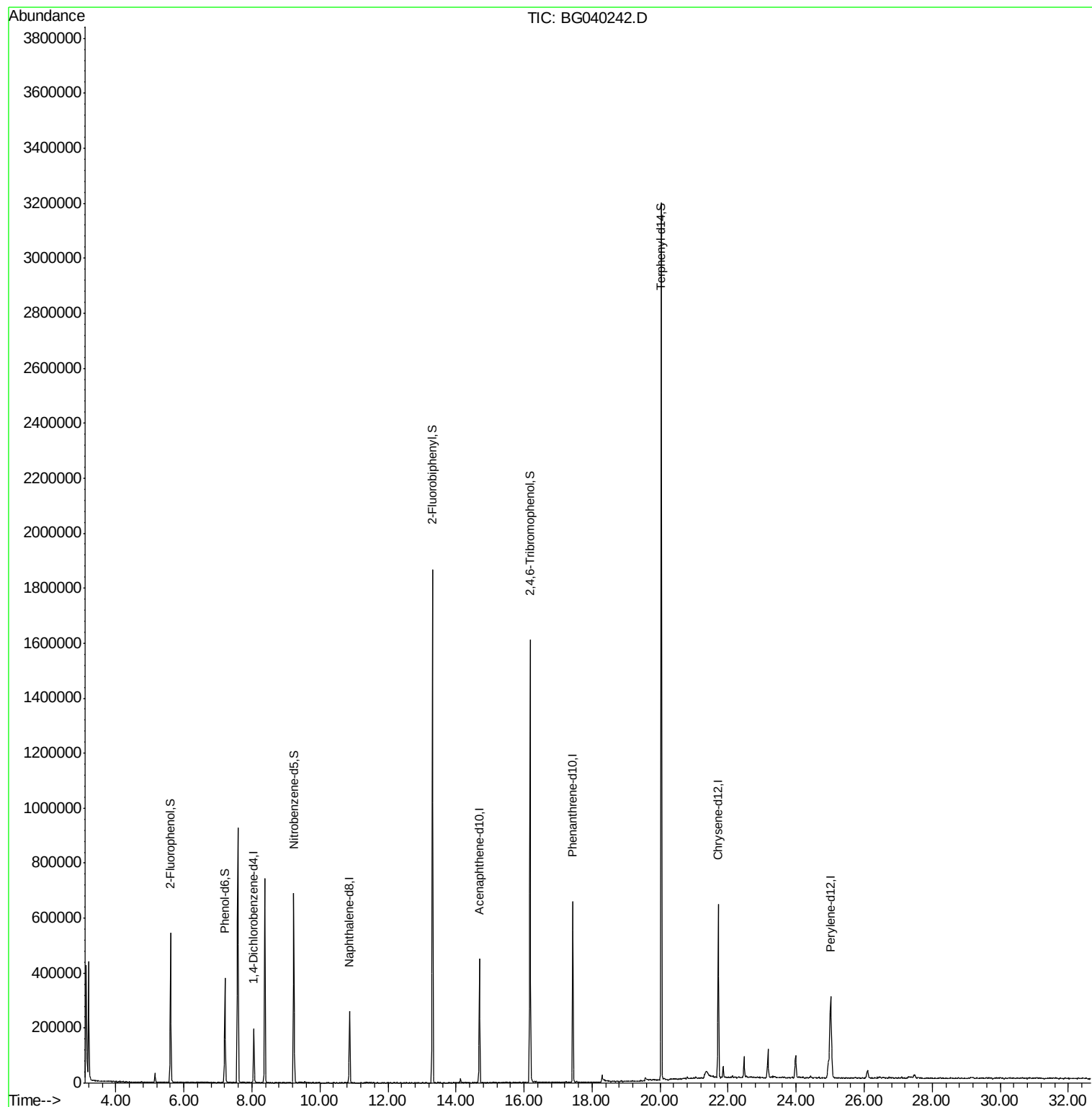
Target Compounds	Qvalue
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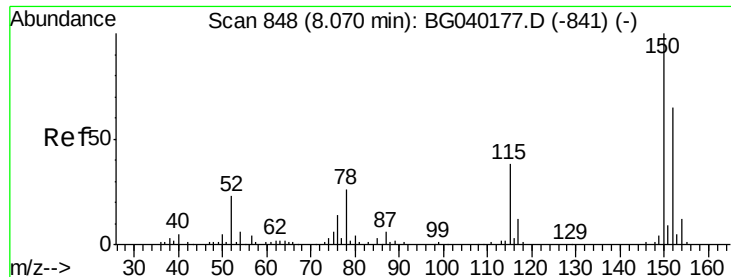
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampleId :

MW-8

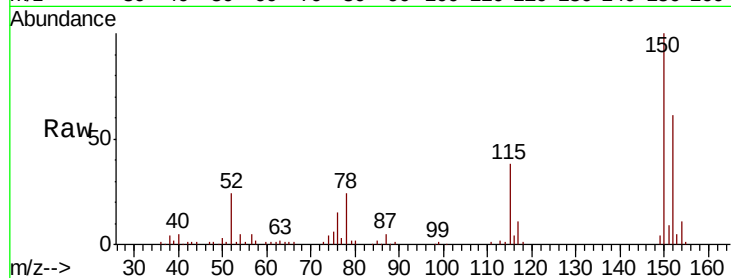
Tgt Ion:152 Resp: 55184

Ion Ratio Lower Upper

152 100

150 164.7 123.7 185.5

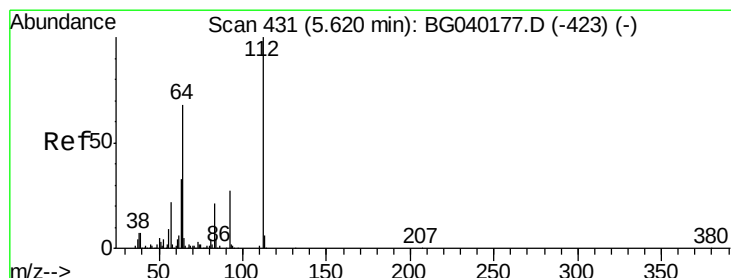
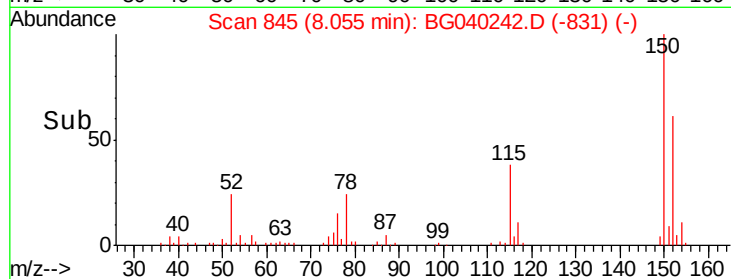
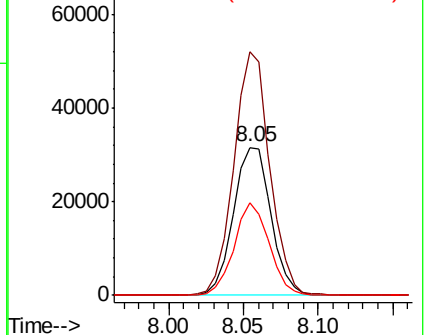
115 62.7 46.9 70.3



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: 74.147 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

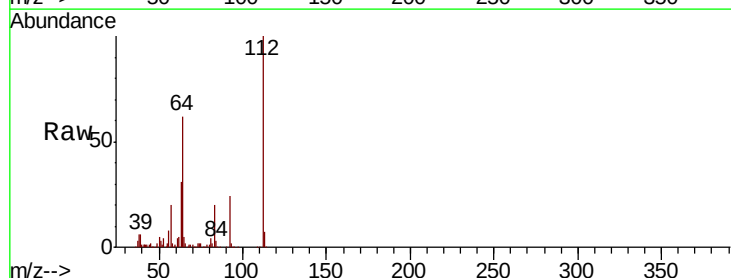
Tgt Ion:112 Resp: 246132

Ion Ratio Lower Upper

112 100

64 62.0 54.2 81.2

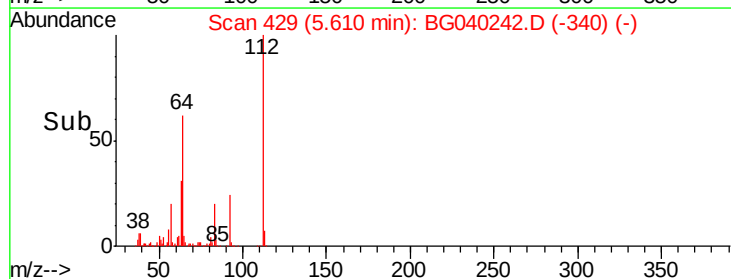
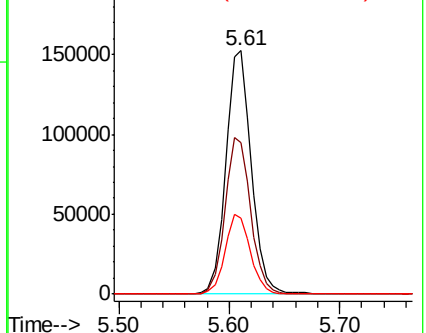
63 31.3 26.4 39.6

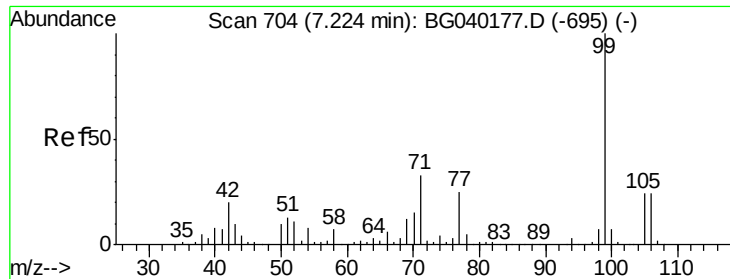


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 49.333 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampleId :

MW-8

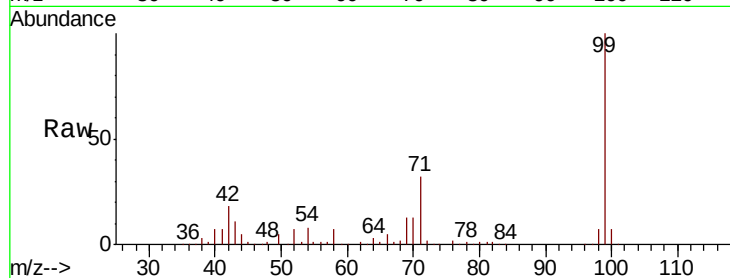
Tgt Ion: 99 Resp: 226322

Ion Ratio Lower Upper

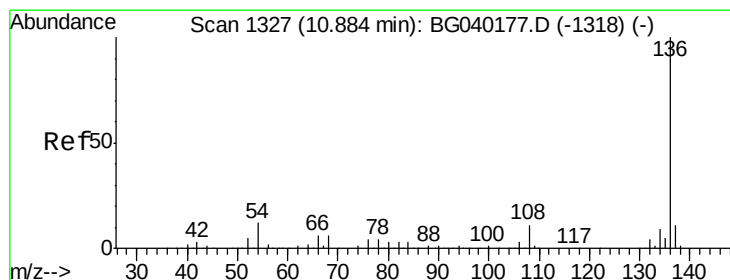
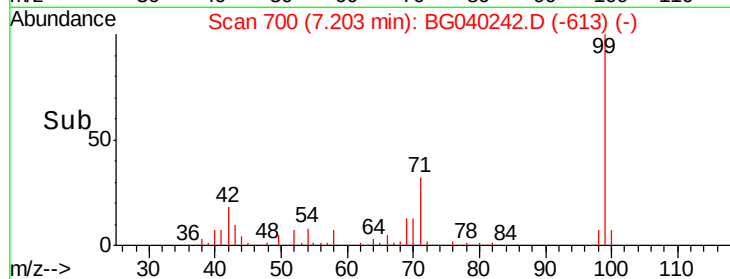
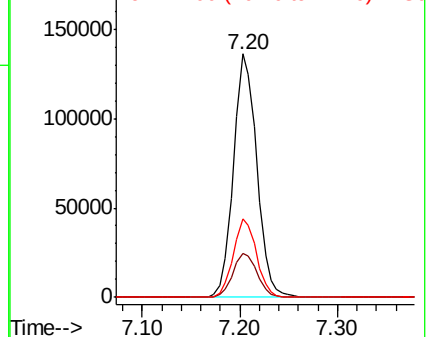
99 100

42 18.0 16.2 24.2

71 32.2 26.8 40.2



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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Tgt Ion: 136 Resp: 232807

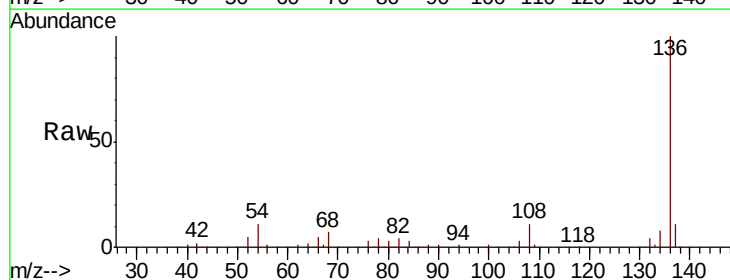
Ion Ratio Lower Upper

136 100

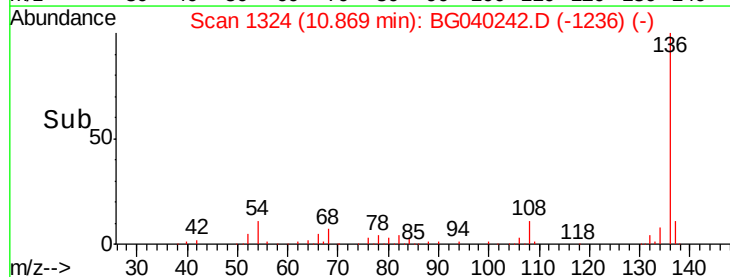
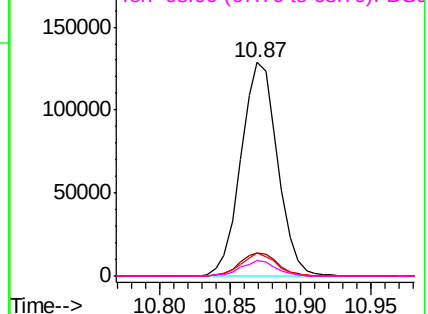
137 10.7 8.9 13.3

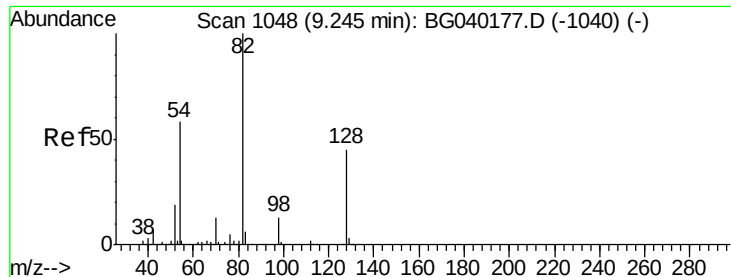
54 11.0 9.6 14.4

68 7.2 5.1 7.7



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

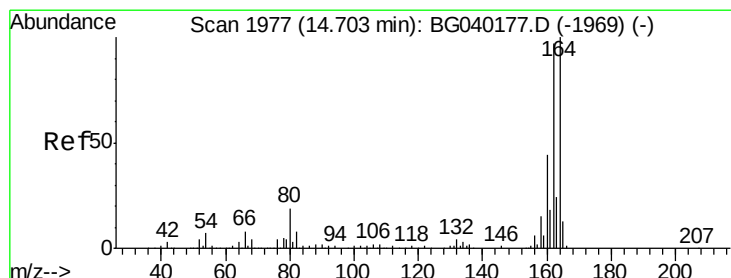
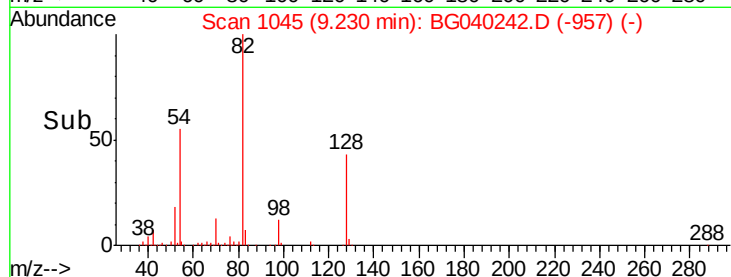
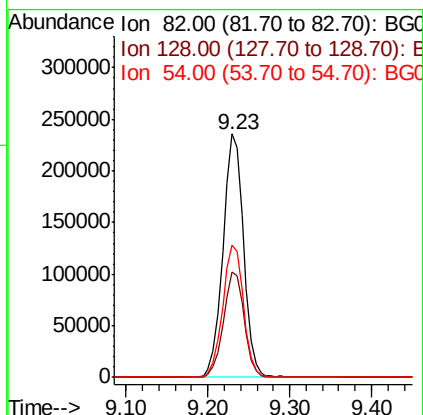
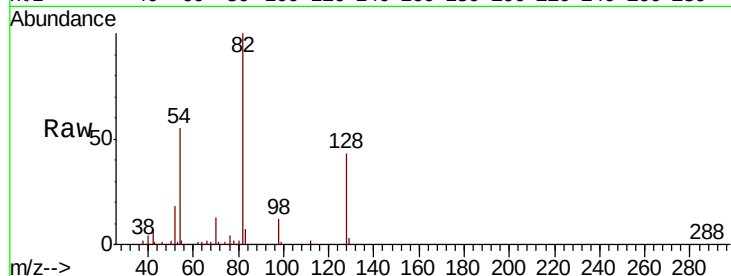




#23
 Nitrobenzene-d5
 Concen: 93.964 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040242.D
 Acq: 30 Mar 2019 1:56

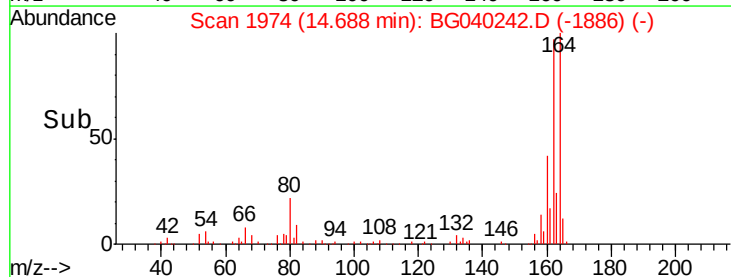
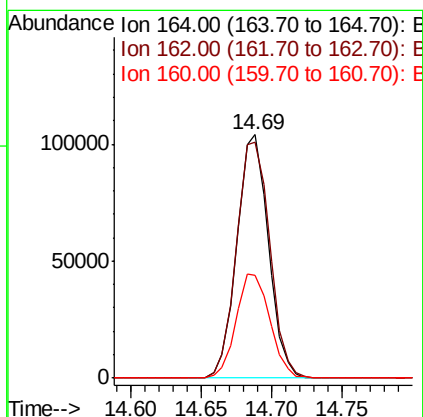
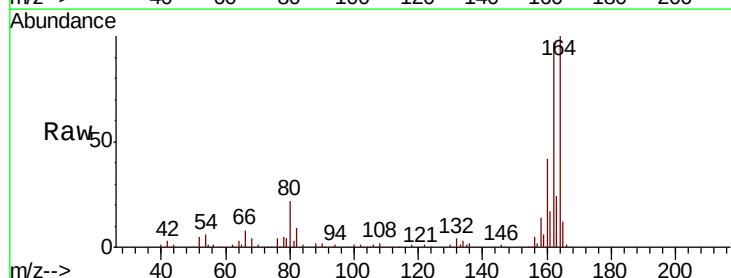
Instrument :
 BNA_G
 ClientSampleId :
 MW-8

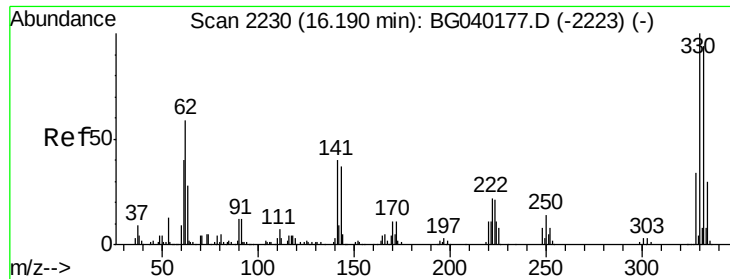
Tgt Ion: 82 Resp: 411554
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.8 53.8
 54 54.6 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040242.D
 Acq: 30 Mar 2019 1:56

Tgt Ion: 164 Resp: 162703
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.4 116.2
 160 42.4 35.3 52.9

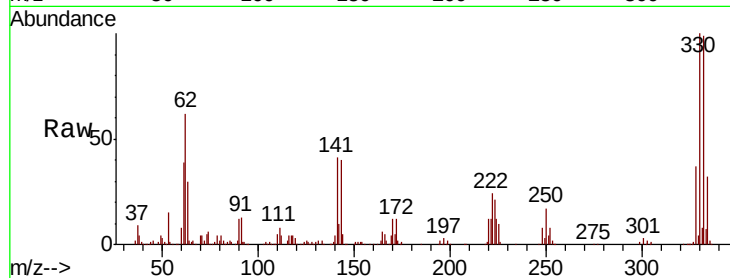




#42
 2,4,6-Tribromophenol
 Concen: 156.910 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040242.D
 Acq: 30 Mar 2019 1:56

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	39.5	32.6	48.8

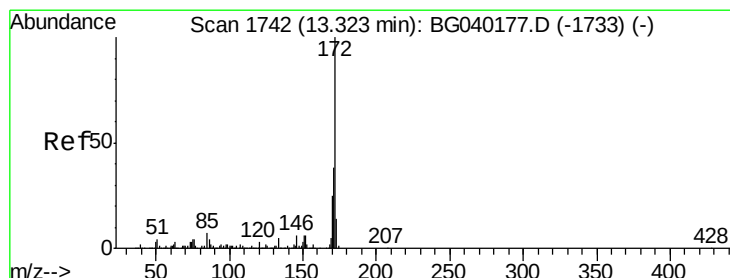
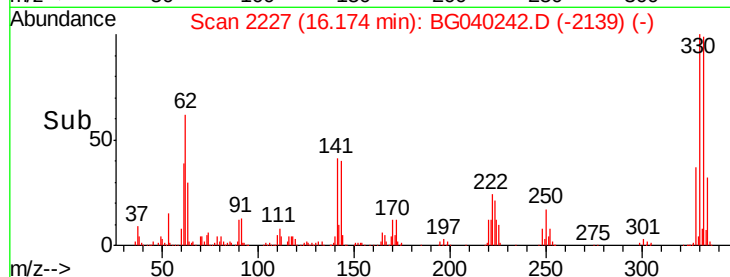
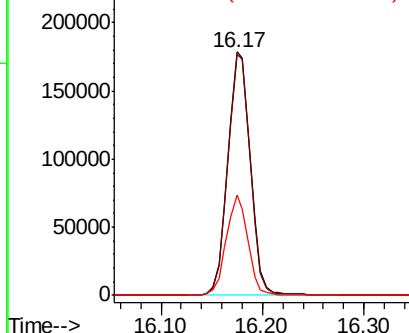


Abundance

Ion 329.80 (329.50 to 330.50): E

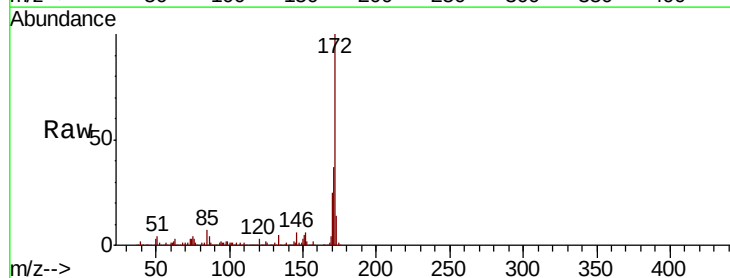
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.998 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040242.D
 Acq: 30 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.5	20.1	30.1

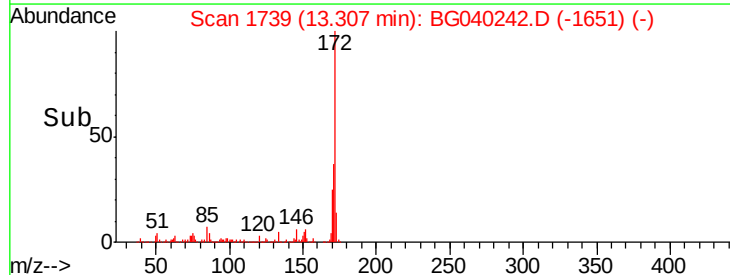
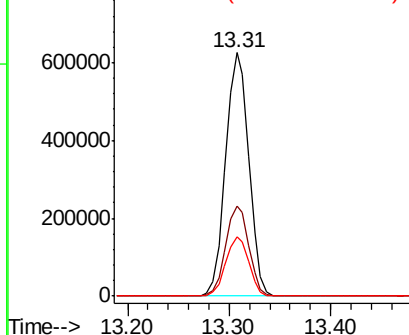


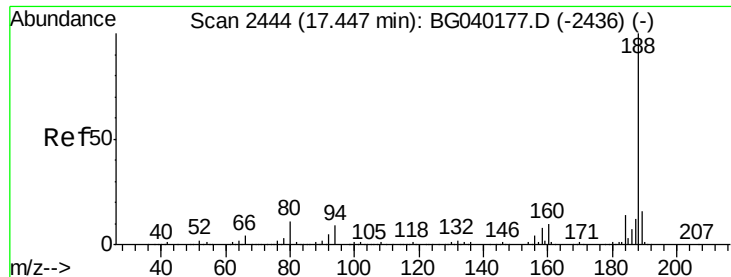
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampleId :

MW-8

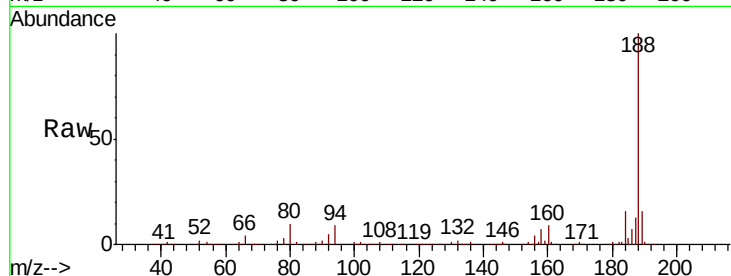
Tgt Ion:188 Resp: 401851

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

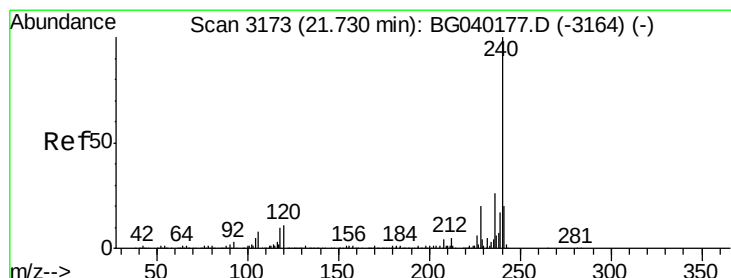
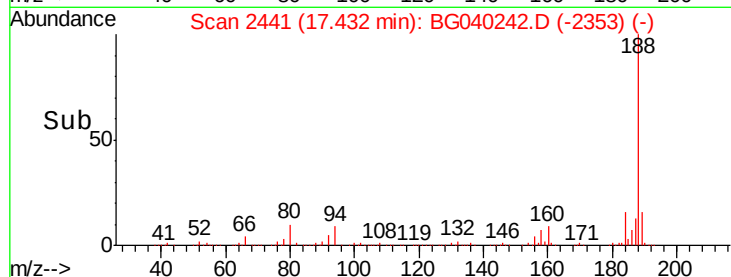
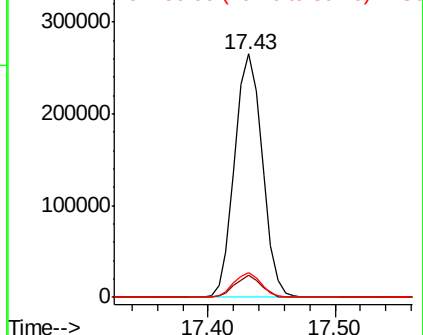
80 10.0 8.6 13.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

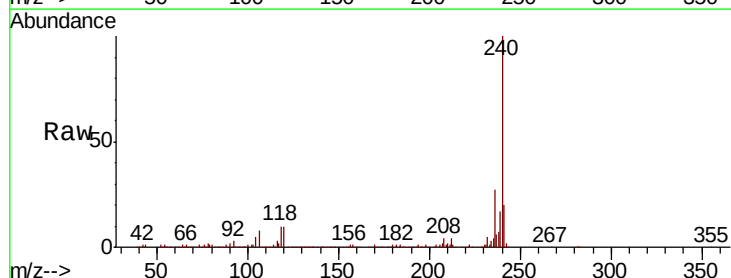
Tgt Ion:240 Resp: 390405

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

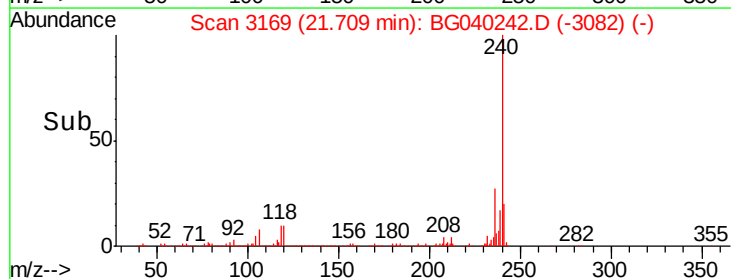
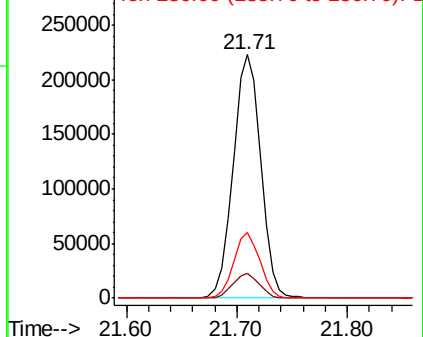
236 27.1 20.8 31.2

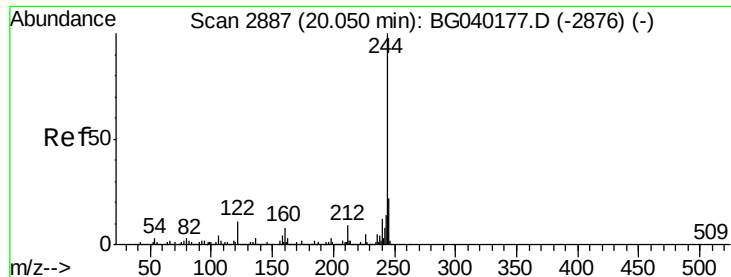


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.284 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampled :

MW-8

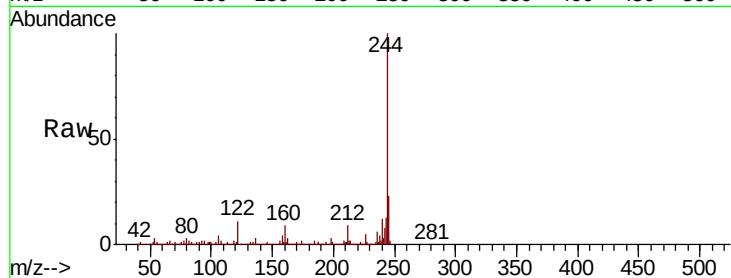
Tgt Ion:244 Resp: 1497371

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

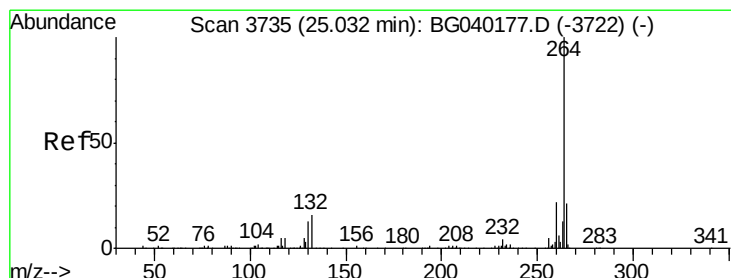
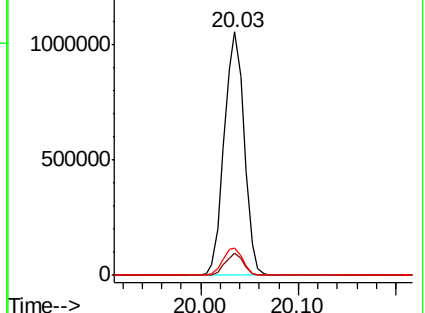
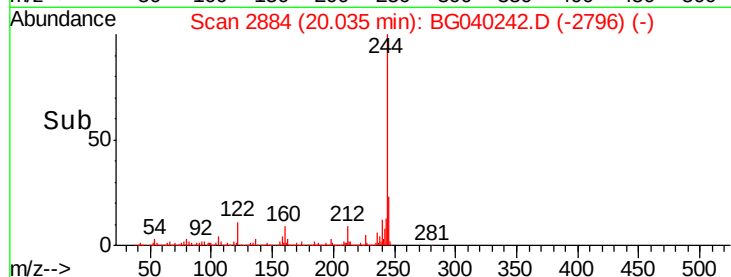
122 11.4 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

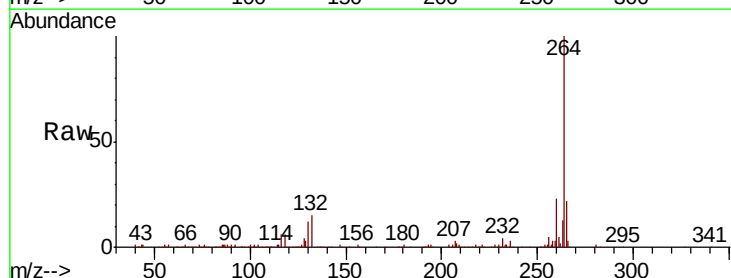
Tgt Ion:264 Resp: 392764

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.2 16.8 25.2



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

