

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040850.D
 Acq On : 10 May 2019 14:05
 Operator : HP/JU
 Sample : K2764-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0206-01

Quant Time: May 10 17:19:46 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

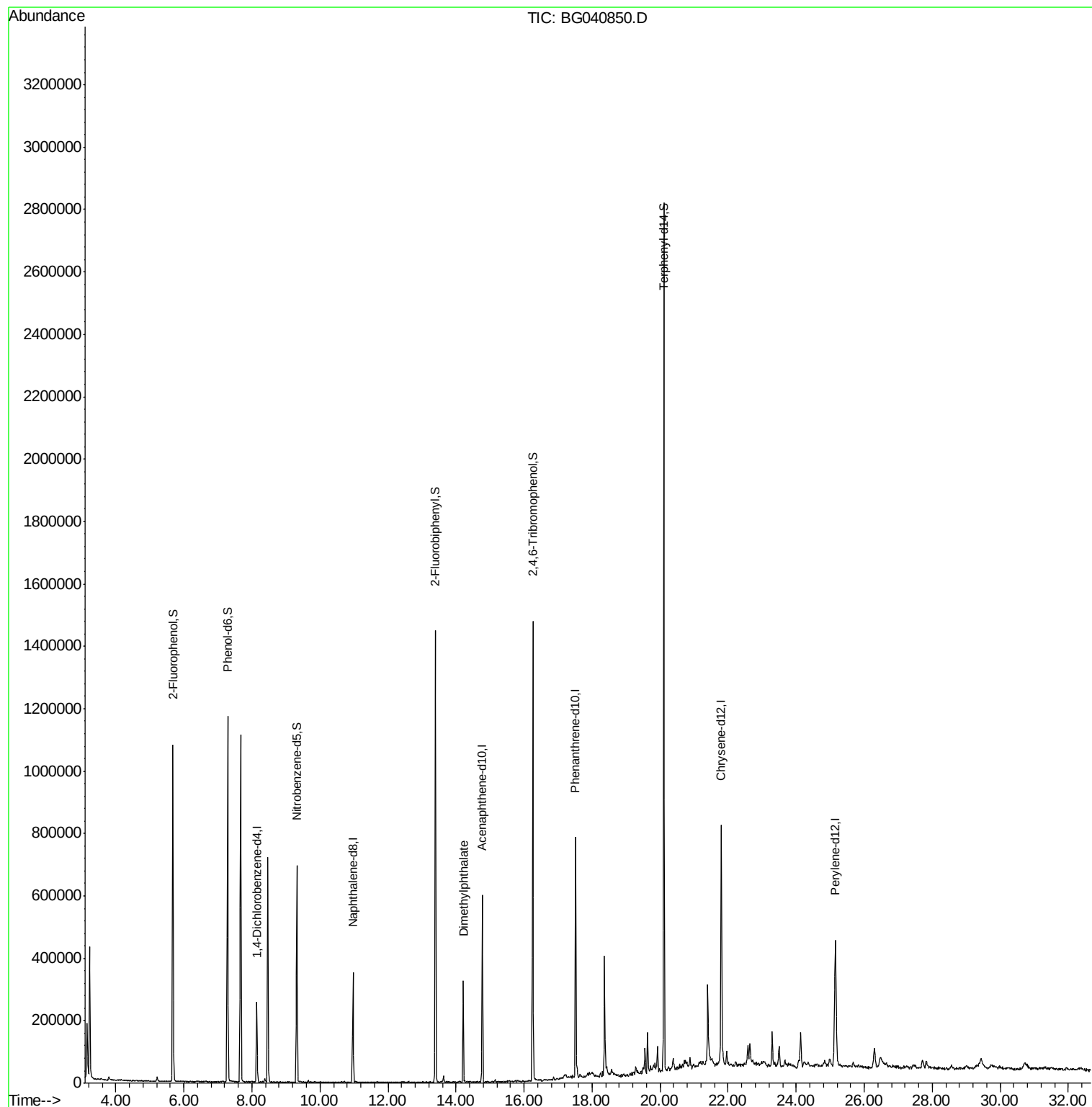
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	64985	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	273712	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	201850	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	490234	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	465936	20.00	ng	-0.03
87) Perylene-d12	25.15	264	499944	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	398005	107.96	ng	0.00
7) Phenol-d6	7.28	99	610706	107.59	ng	-0.01
23) Nitrobenzene-d5	9.32	82	434926	73.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	268919	96.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	716170	51.24	ng	-0.02
79) Terphenyl-d14	20.11	244	1300492	61.84	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	198493	11.753	ng	99

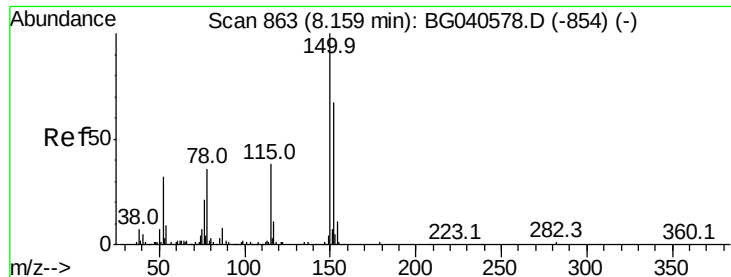
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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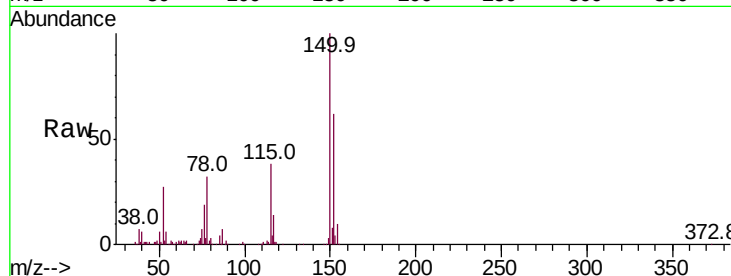


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG040850.D
 Acq: 10 May 2019 14:05

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0206-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	120.2	180.2
115	61.6	46.2	69.2

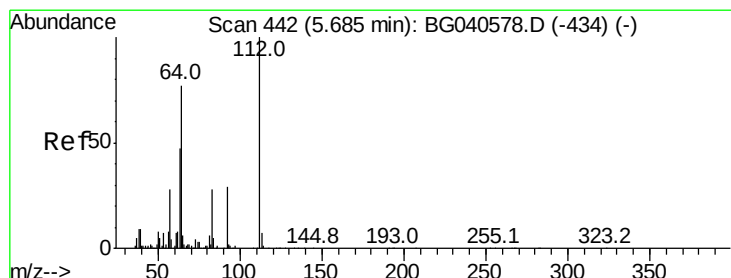
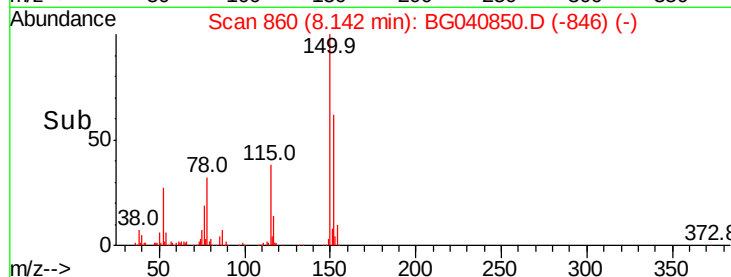
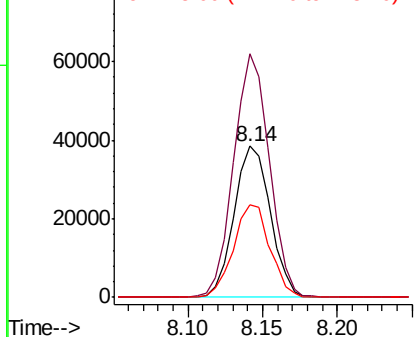


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

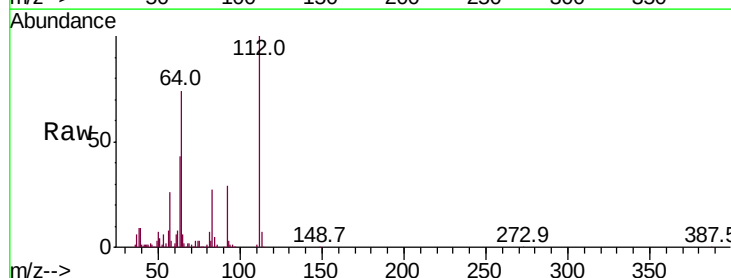
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 107.962 ng
 RT: 5.67 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BG040850.D
 Acq: 10 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.4	92.0
63	42.5	37.8	56.6

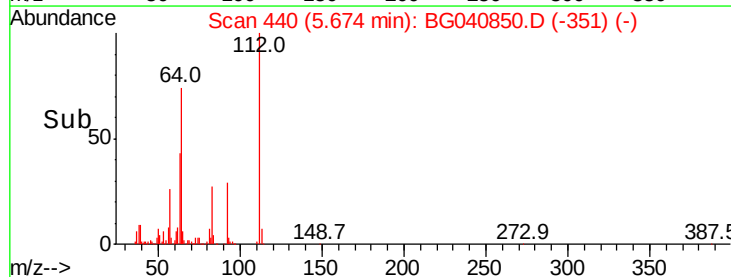
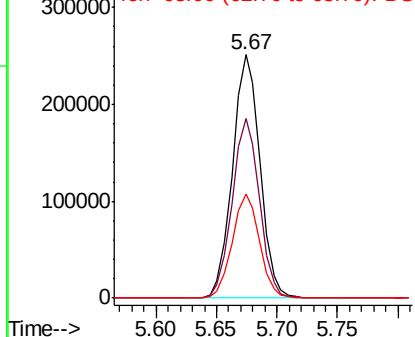


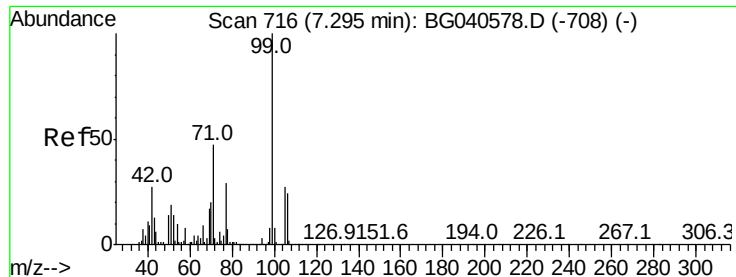
Abundance

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: 107.590 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

Instrument :

BNA_G

ClientSampleId :

P021-SS009-0206-01

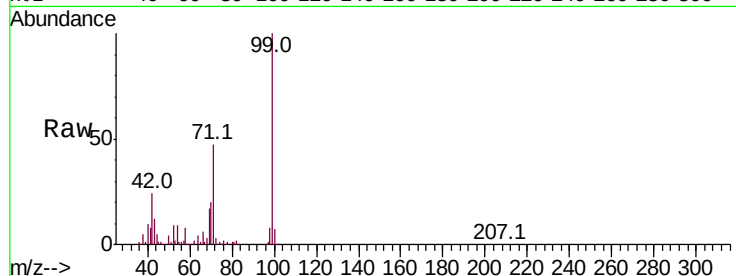
Tot Ion: 99 Resp: 610706

Ion Ratio Lower Upper

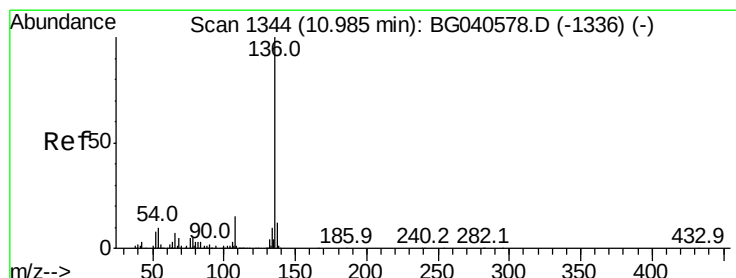
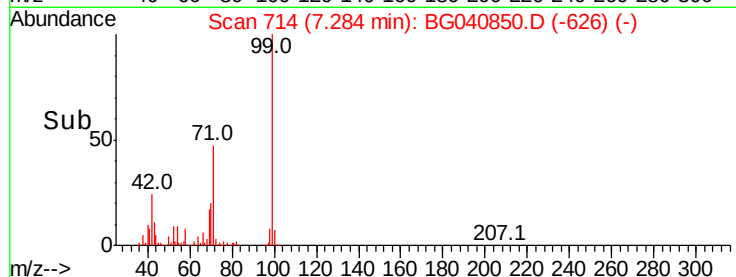
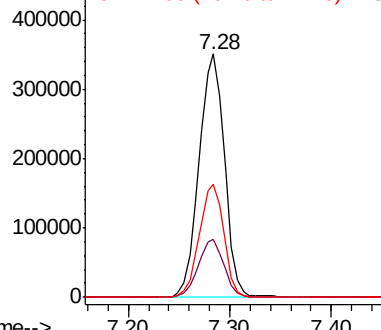
99 100

42 23.8 21.8 32.8

71 46.6 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

Tgt Ion: 136 Resp: 273712

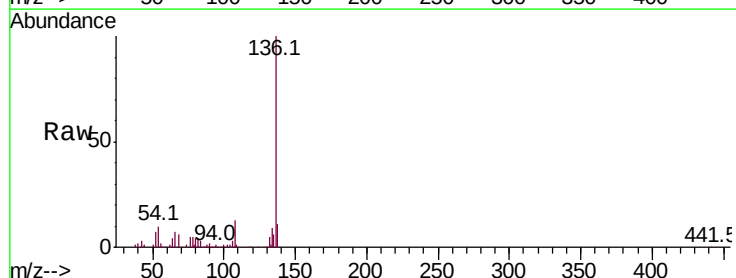
Ion Ratio Lower Upper

136 100

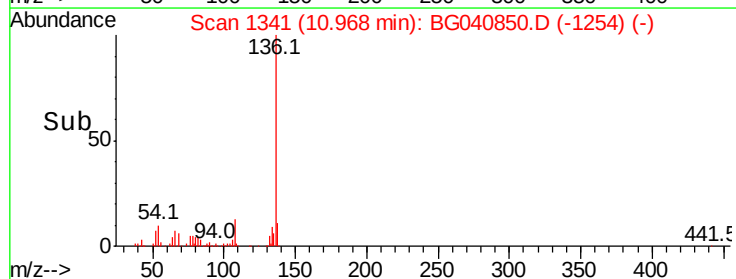
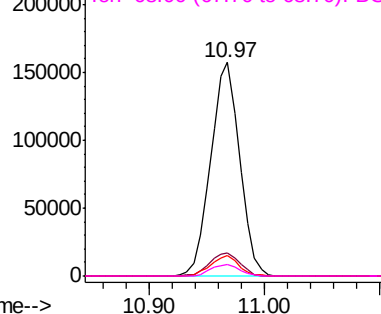
137 10.8 9.7 14.5

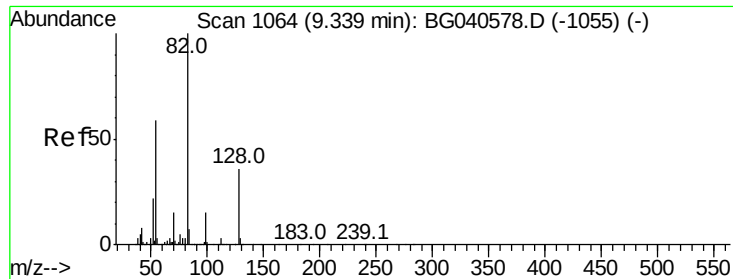
54 9.8 8.6 12.8

68 5.7 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: 73.421 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

Instrument :

BNA_G

ClientSampleId :

P021-SS009-0206-01

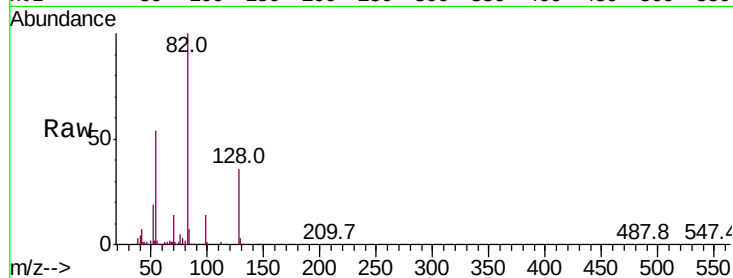
Tot Ion: 82 Resp: 434926

Ion Ratio Lower Upper

82 100

128 36.3 28.9 43.3

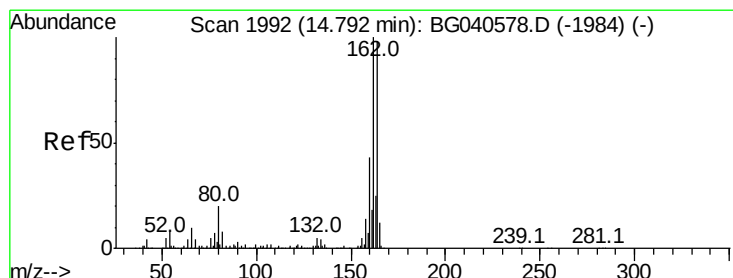
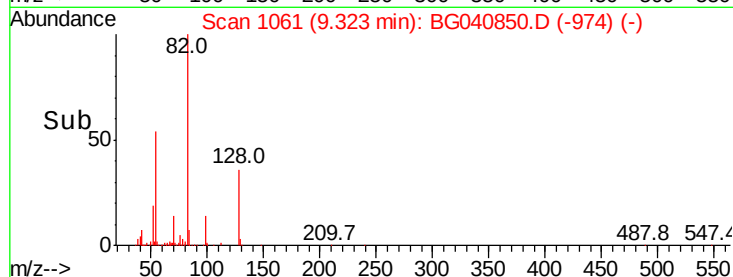
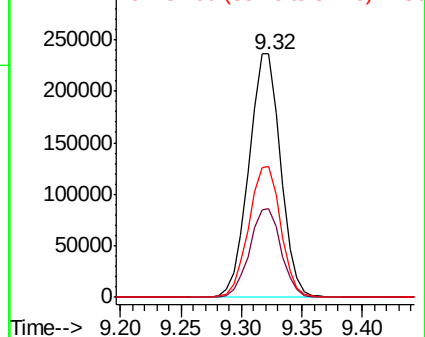
54 53.8 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

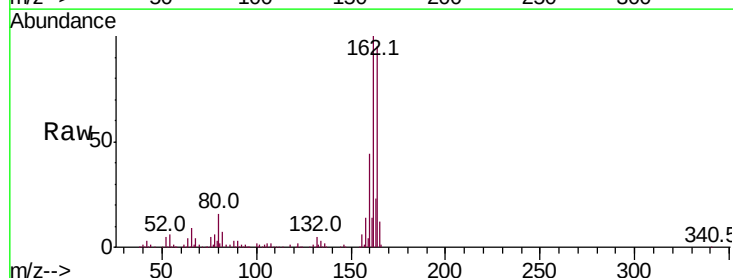
Tgt Ion:164 Resp: 201850

Ion Ratio Lower Upper

164 100

162 104.8 81.9 122.9

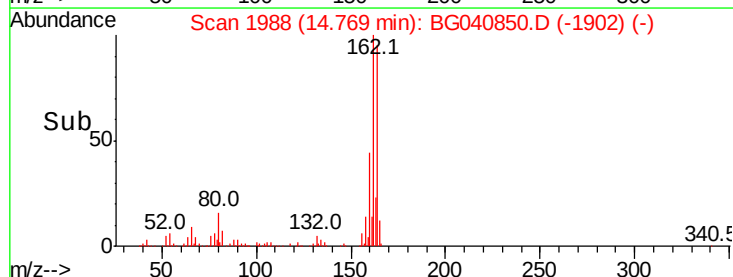
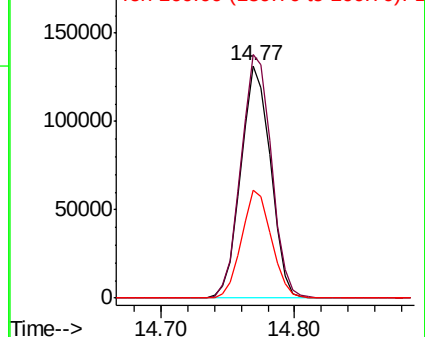
160 46.3 35.4 53.2

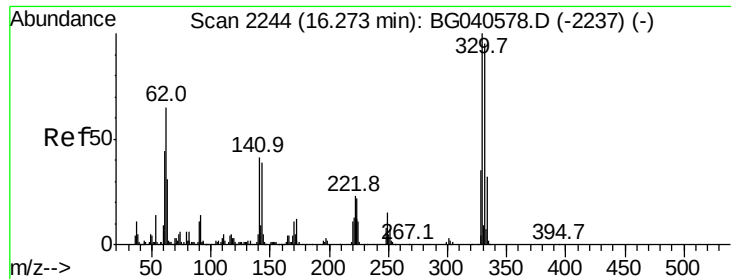


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

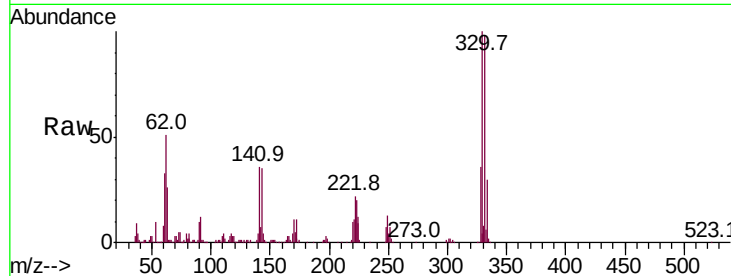




#42
 2,4,6-Tribromophenol
 Concen: 96.926 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040850.D
 Acq: 10 May 2019 14:05

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0206-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	36.4	32.4	48.6

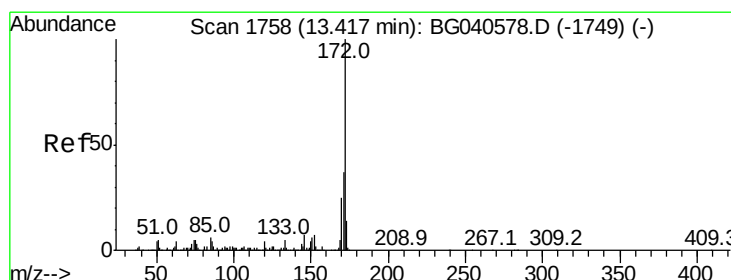
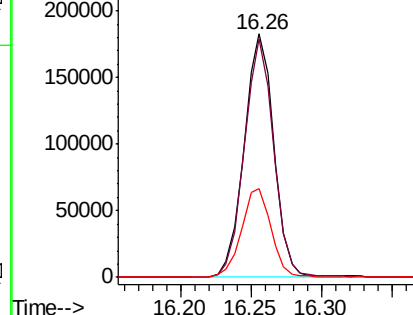
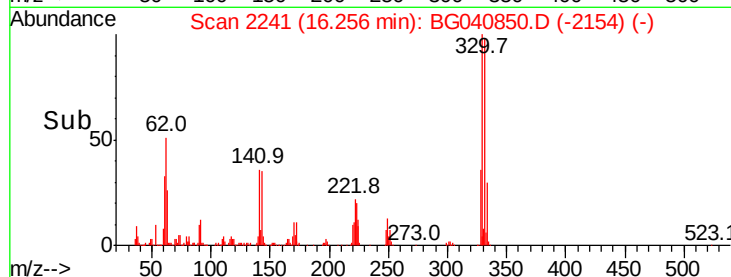


Abundance

Ion 329.80 (329.50 to 330.50): E

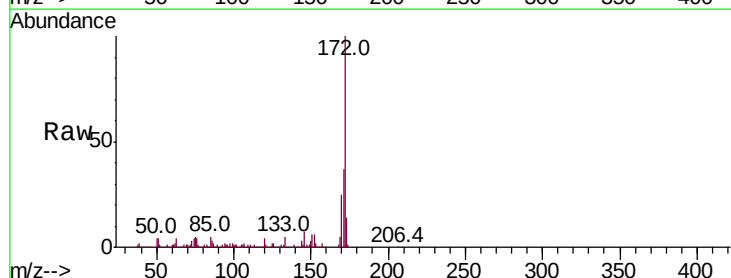
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 51.241 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040850.D
 Acq: 10 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	25.0	19.9	29.9

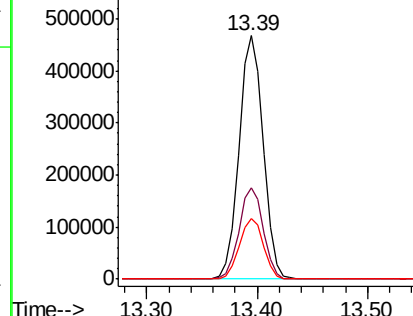
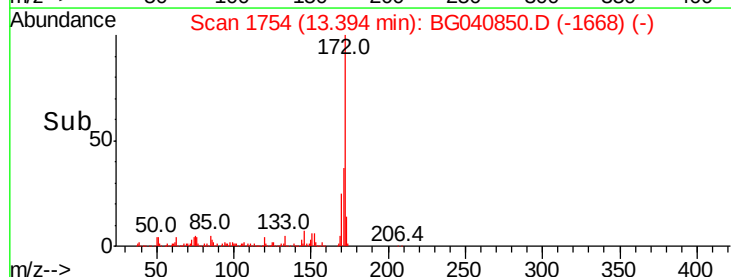


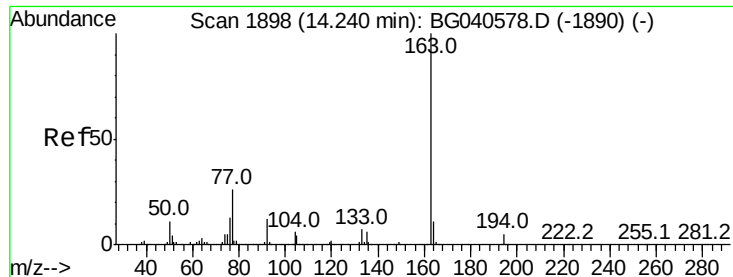
Abundance

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





#50

Dimethylphthalate

Concen: 11.753 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

Instrument :

BNA_G

ClientSampleId :

P021-SS009-0206-01

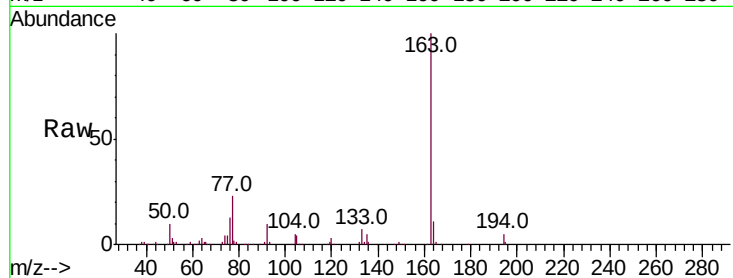
Tot Ion:163 Resp: 198493

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

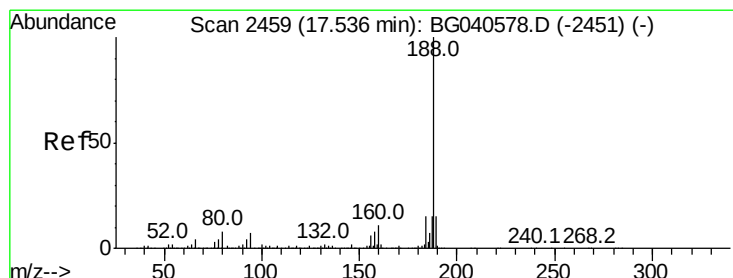
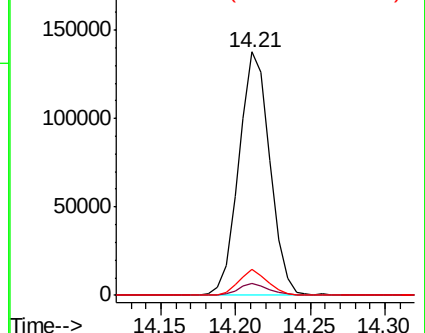
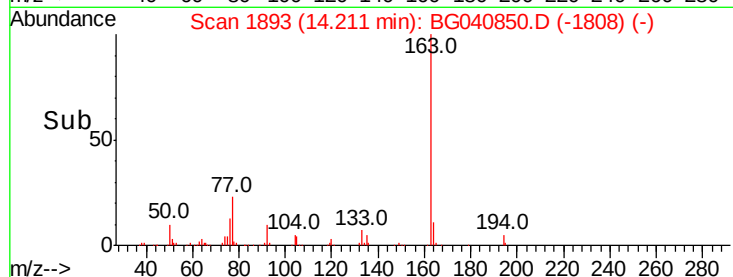
164 10.6 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

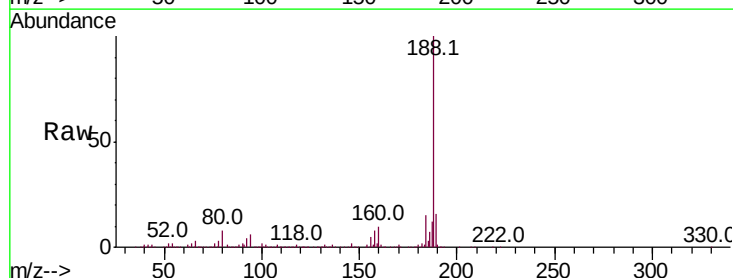
Tgt Ion:188 Resp: 490234

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

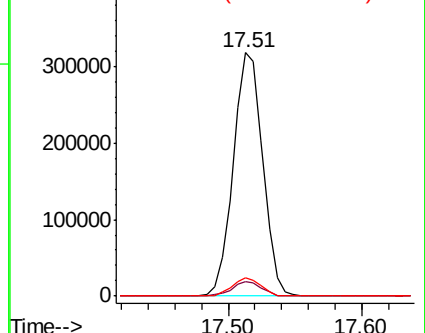
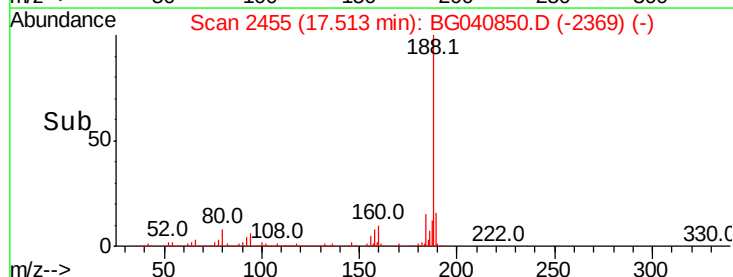
80 7.6 6.4 9.6

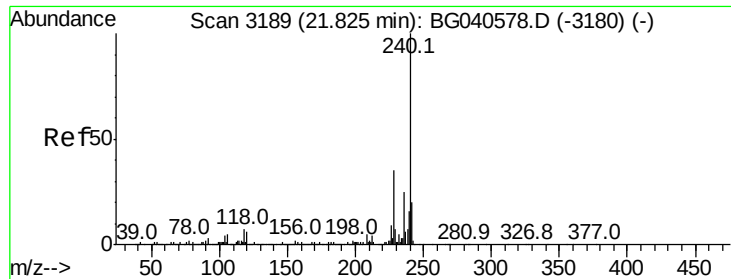


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

Instrument :

BNA_G

ClientSampleId :

P021-SS009-0206-01

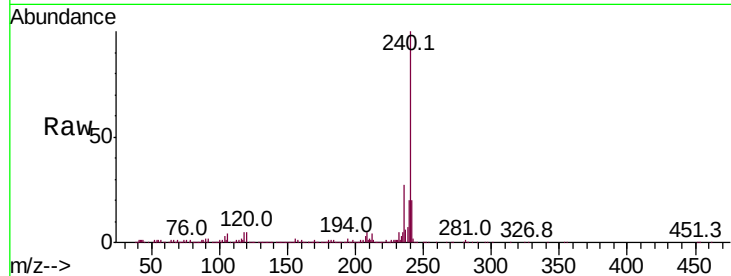
Tot Ion:240 Resp: 465936

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

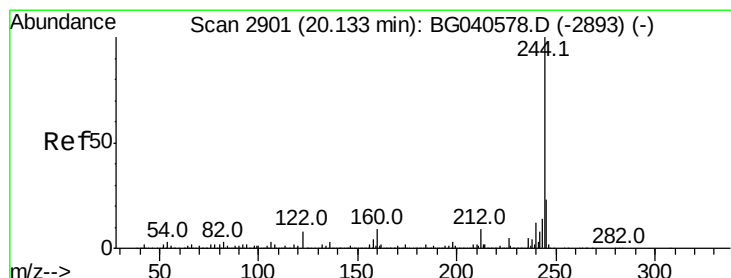
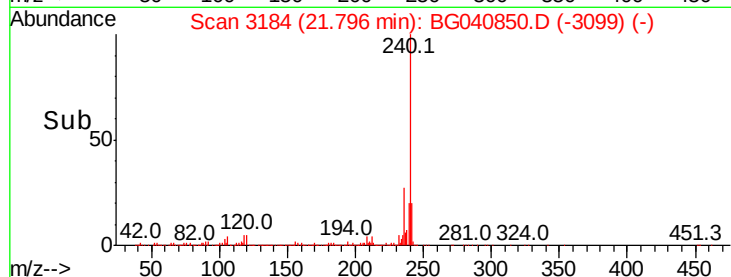
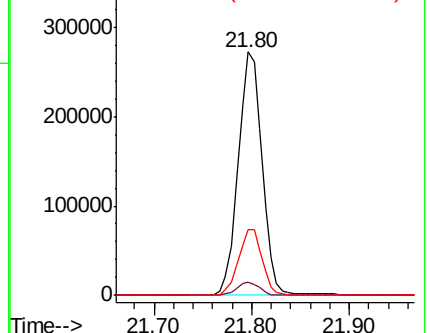
236 27.0 20.3 30.5



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: 61.836 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040850.D

Acq: 10 May 2019 14:05

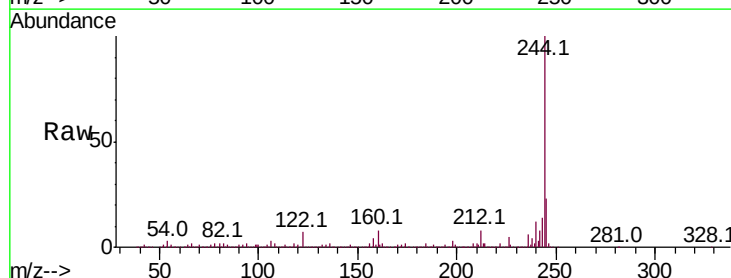
Tgt Ion:244 Resp: 1300492

Ion Ratio Lower Upper

244 100

212 8.3 7.2 10.8

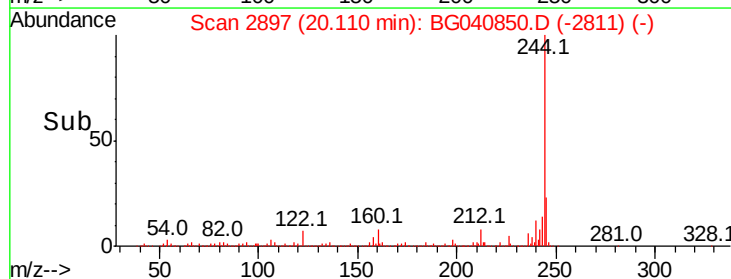
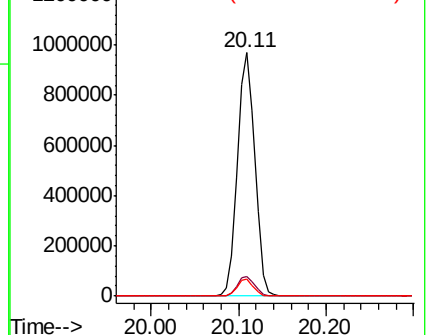
122 6.8 6.6 10.0

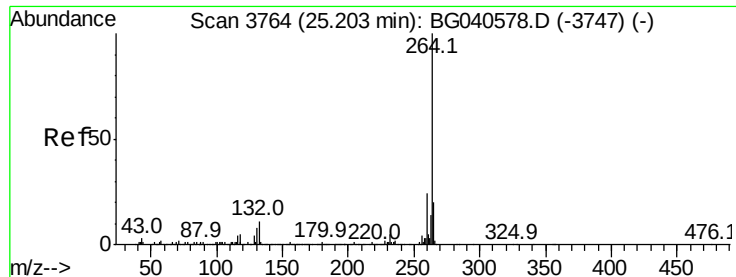


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040850.D
 Acq: 10 May 2019 14:05

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS009-0206-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	16.6	25.0

