

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040711.D
 Acq On : 2 May 2019 17:44
 Operator : JU/SJ
 Sample : K2653-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-SUMP-PIT

Quant Time: May 03 06:26:47 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	8.15	152	40769	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	169435	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	125278	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	342198	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	347747	20.00	ng	-0.02
87) Perylene-d12	25.16	264	360067	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	194249	83.99	ng	0.00
7) Phenol-d6	7.28	99	178959	50.25	ng	-0.01
23) Nitrobenzene-d5	9.32	82	428391	116.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	305237	177.26	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	915785	105.57	ng	-0.02
79) Terphenyl-d14	20.11	244	1806848	115.11	ng	-0.02

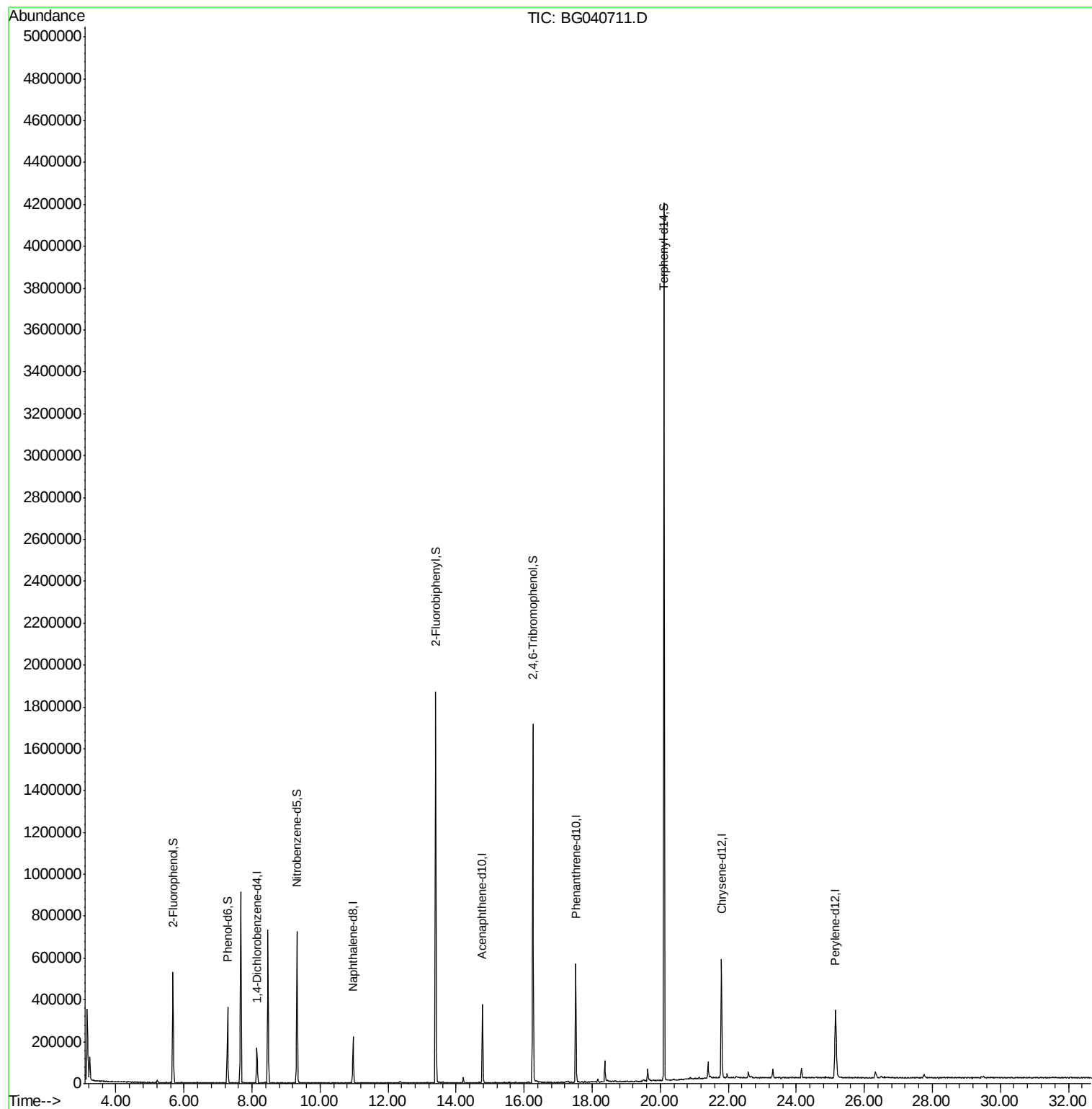
Target Compounds Qvalue

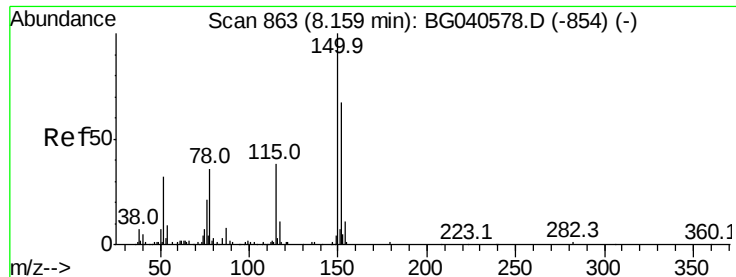
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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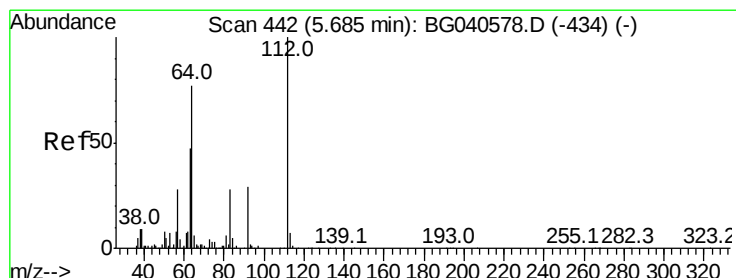
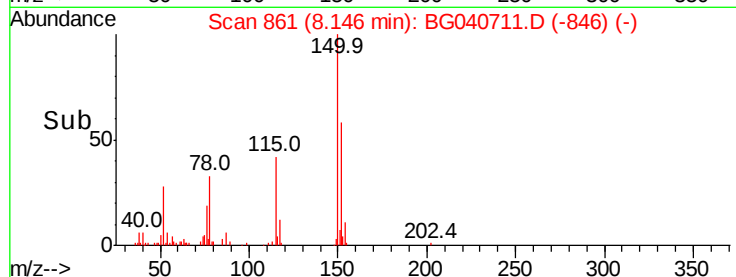
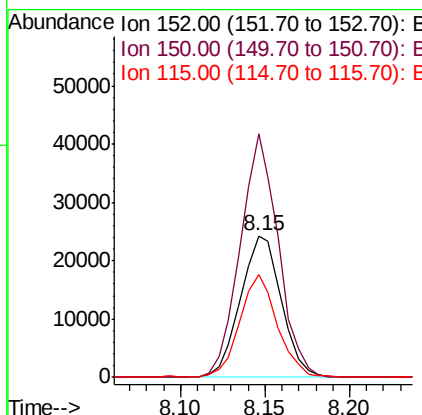
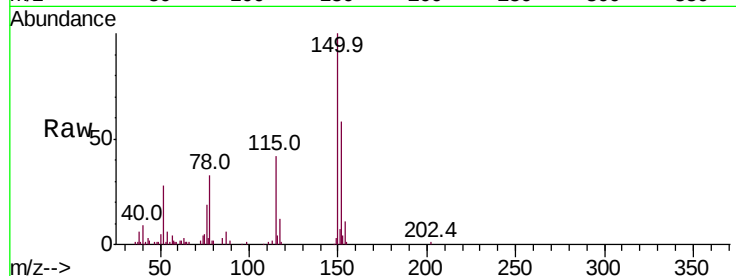


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040711.D
Acq: 2 May 2019 17:44

Instrument :
BNA_G
ClientSampleId :
MR-SUMP-PIT

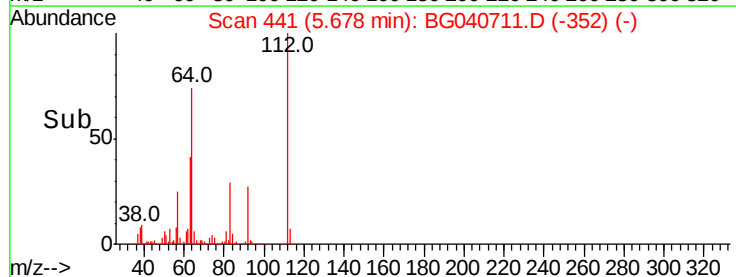
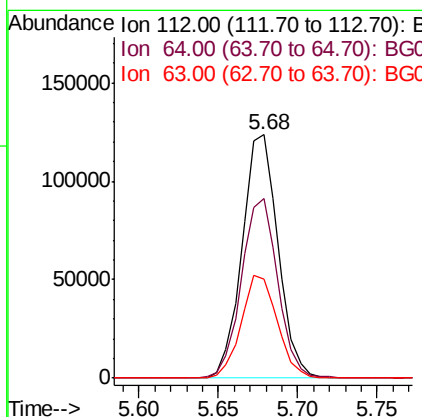
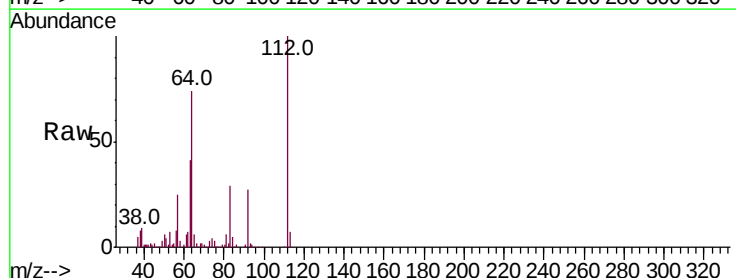
Tot Ion	Ratio	Lower	Upper
152	100		
150	171.8	120.2	180.2
115	72.9	46.2	69.2

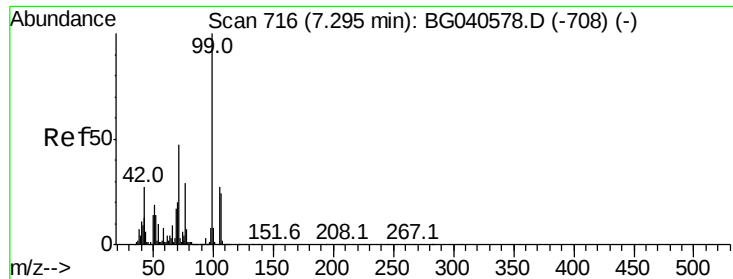


#5

2-Fluorophenol
Concen: 83.989 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG040711.D
Acq: 2 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	61.4	92.0
63	40.9	37.8	56.6





#7

Phenol-d6

Concen: 50.255 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040711.D

Acq: 2 May 2019 17:44

Instrument :

BNA_G

ClientSampleId :

MR-SUMP-PIT

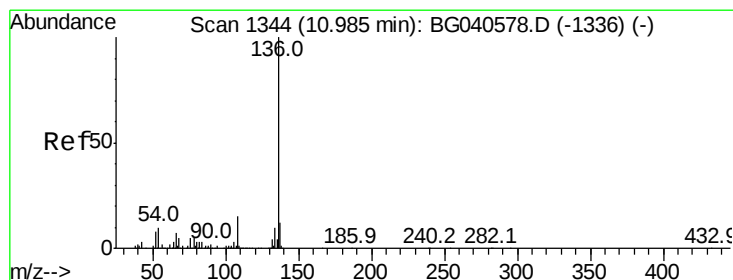
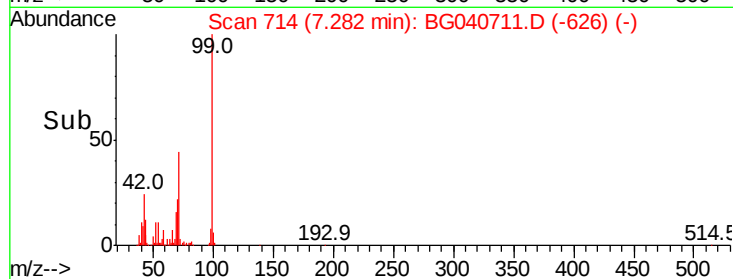
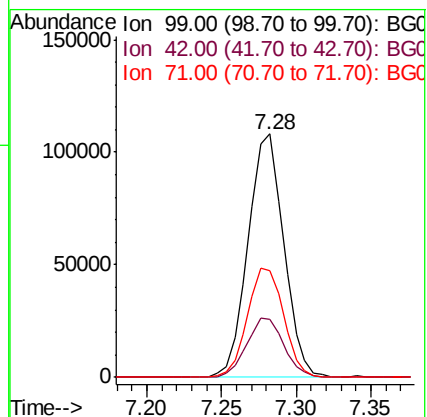
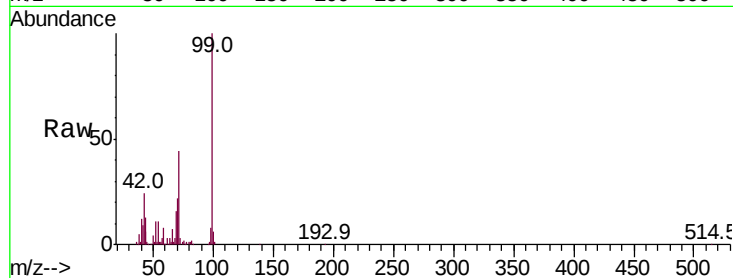
Tot Ion: 99 Resp: 178959

Ion Ratio Lower Upper

99 100

42 23.7 21.8 32.8

71 43.6 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040711.D

Acq: 2 May 2019 17:44

Tgt Ion: 136 Resp: 169435

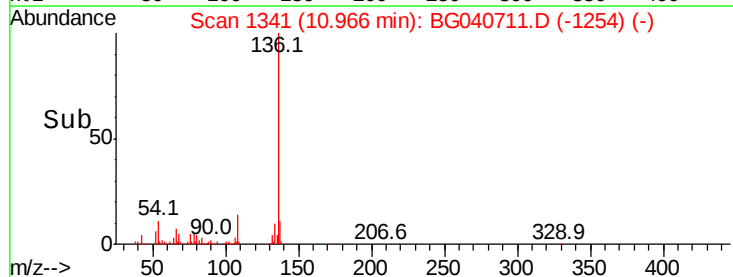
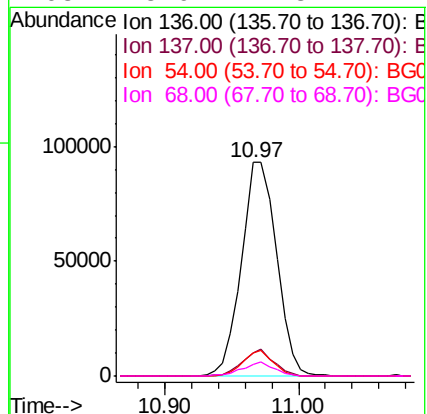
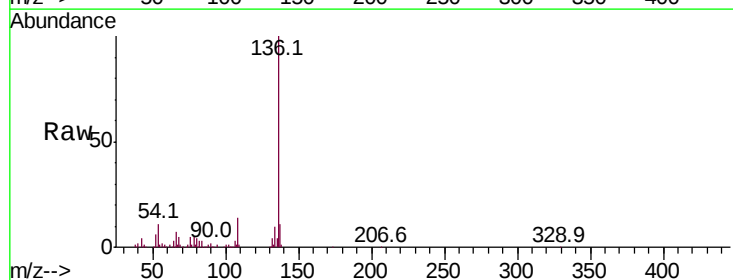
Ion Ratio Lower Upper

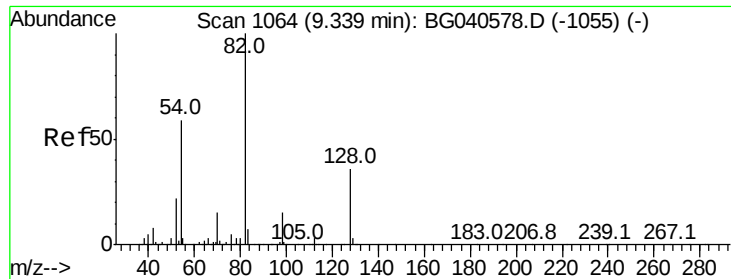
136 100

137 10.8 9.7 14.5

54 10.6 8.6 12.8

68 5.9 4.8 7.2

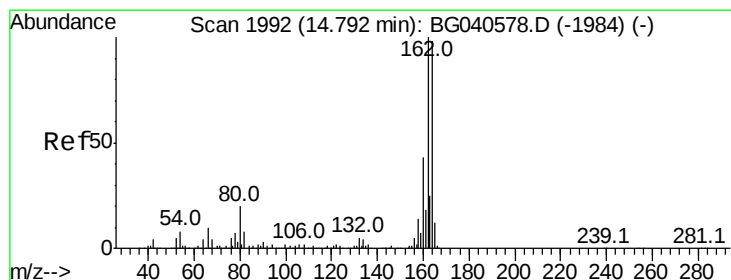
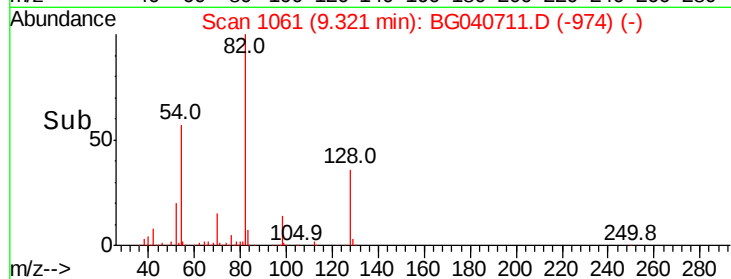
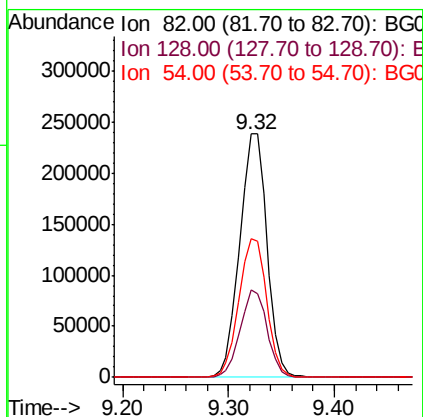
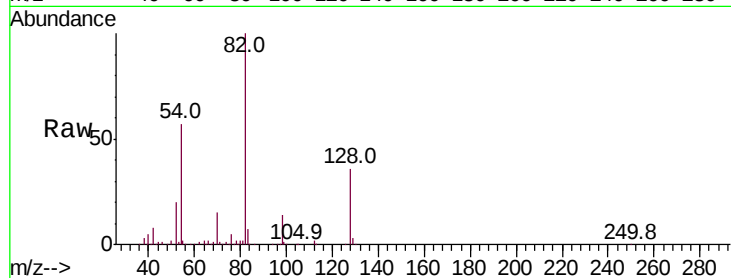




#23
Nitrobenzene-d5
Concen: 116.826 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040711.D
Acq: 2 May 2019 17:44

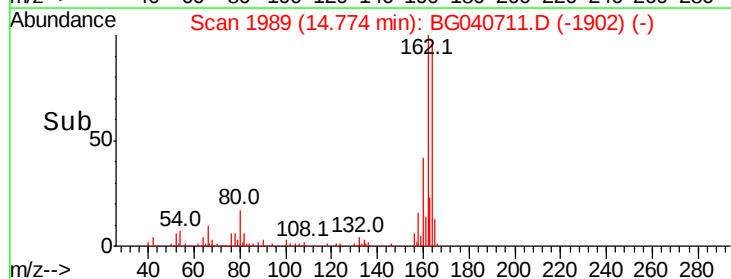
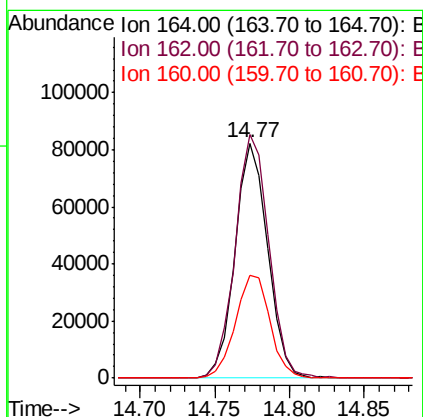
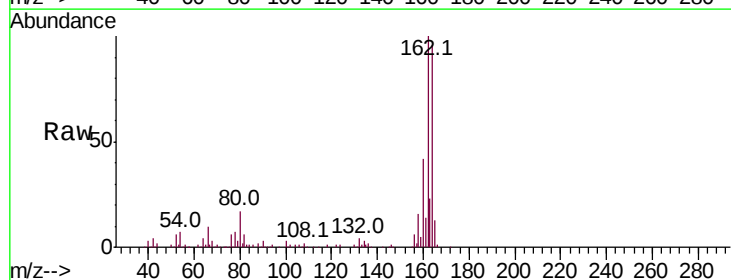
Instrument :
BNA_G
ClientSampleId :
MR-SUMP-PIT

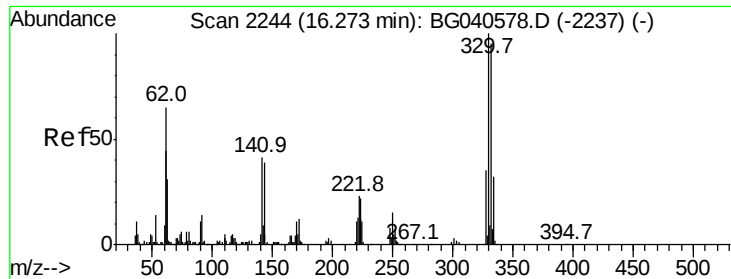
Tot Ion	82	Resp	428391
Ion Ratio	Lower	Upper	
82	100		
128	36.1	28.9	43.3
54	56.9	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040711.D
Acq: 2 May 2019 17:44

Tgt Ion	164	Resp	125278
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.9	122.9
160	43.9	35.4	53.2

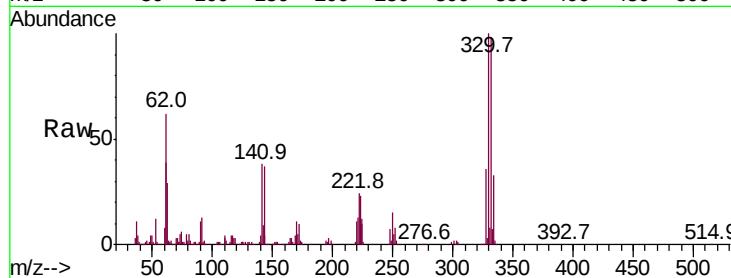




#42
 2,4,6-Tribromophenol
 Concen: 177.260 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040711.D
 Acq: 2 May 2019 17:44

Instrument :
 BNA_G
 ClientSampleId :
 MR-SUMP-PIT

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	39.1	32.4	48.6

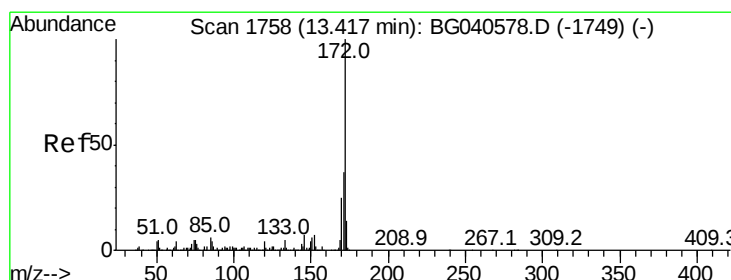
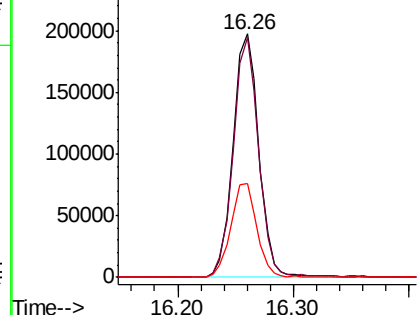
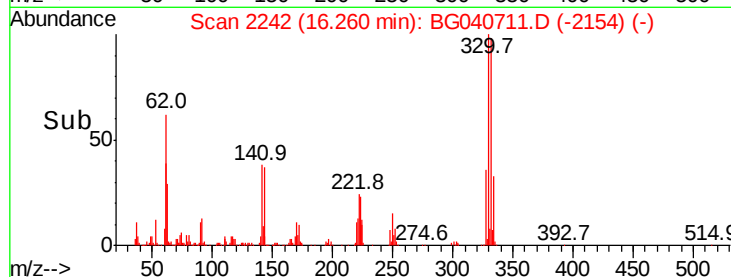


Abundance

Ion 329.80 (329.50 to 330.50): E

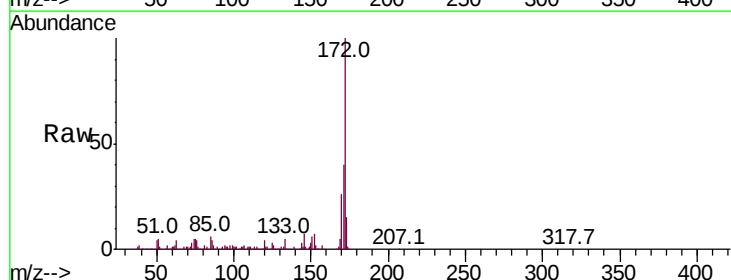
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.571 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040711.D
 Acq: 2 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	29.4	44.2
170	26.3	19.9	29.9

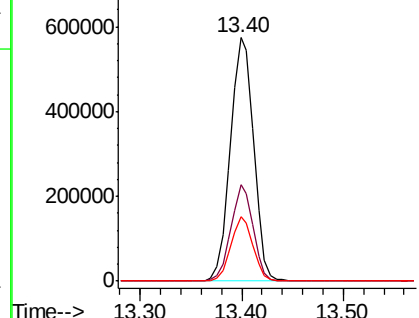
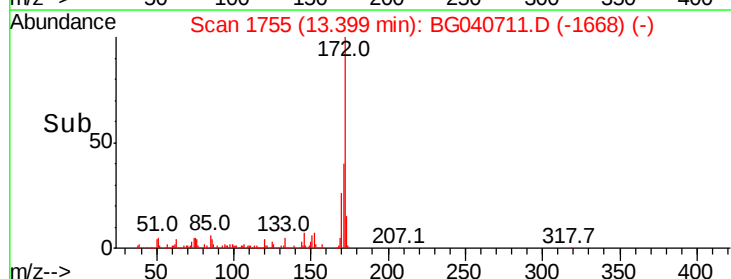


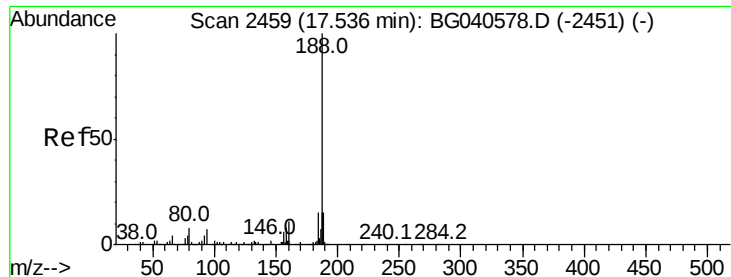
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040711.D

Acq: 2 May 2019 17:44

Instrument :

BNA_G

ClientSampleId :

MR-SUMP-PIT

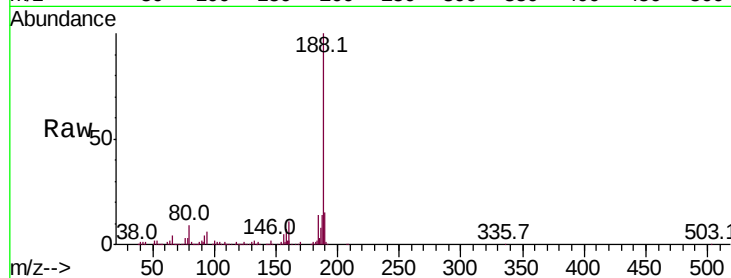
Tot Ion:188 Resp: 342198

Ion Ratio Lower Upper

188 100

94 6.4 5.6 8.4

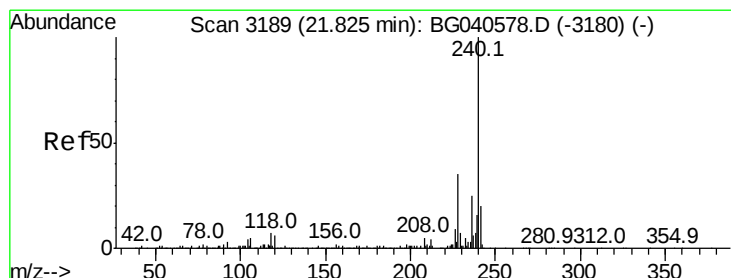
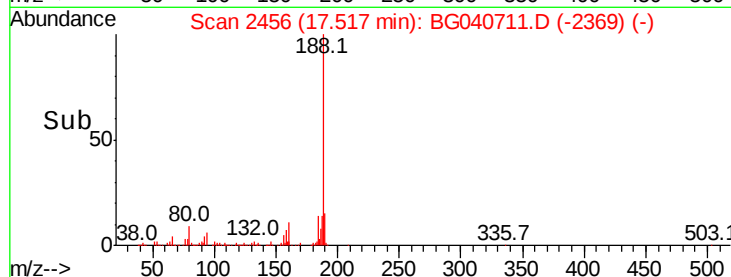
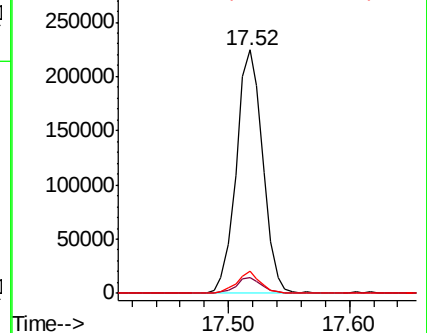
80 9.2 6.4 9.6



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# 3185

Delta R.T. -0.02 min

Lab File: BG040711.D

Acq: 2 May 2019 17:44

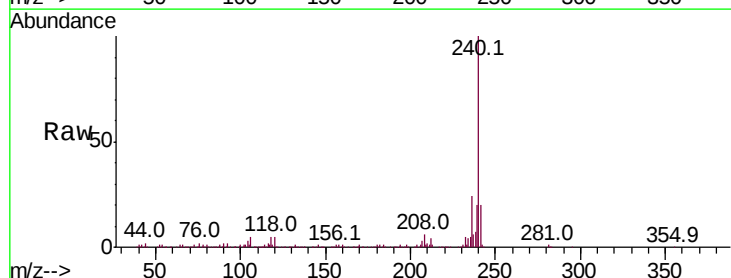
Tgt Ion:240 Resp: 347747

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.6

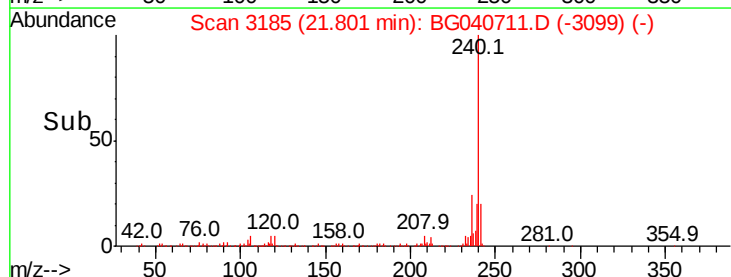
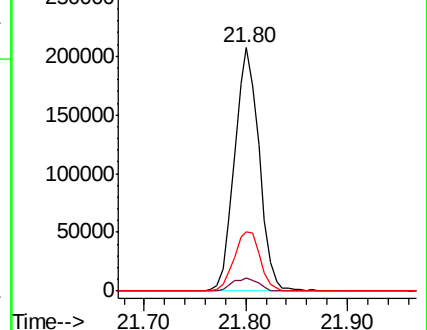
236 24.3 20.3 30.5

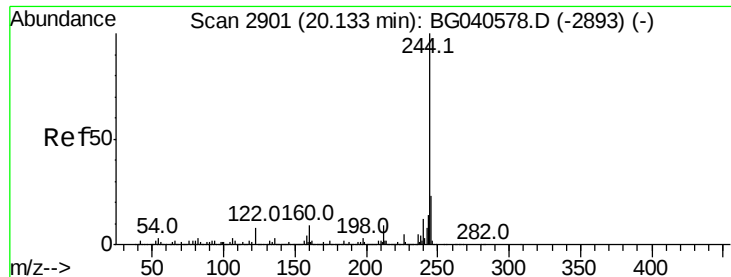


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.110 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040711.D

Acq: 2 May 2019 17:44

Instrument :

BNA_G

ClientSampleId :

MR-SUMP-PIT

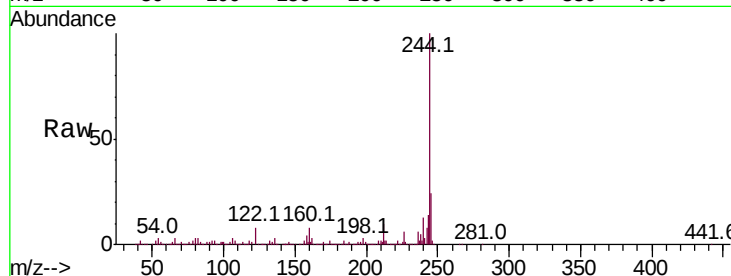
Tot Ion:244 Resp: 1806848

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

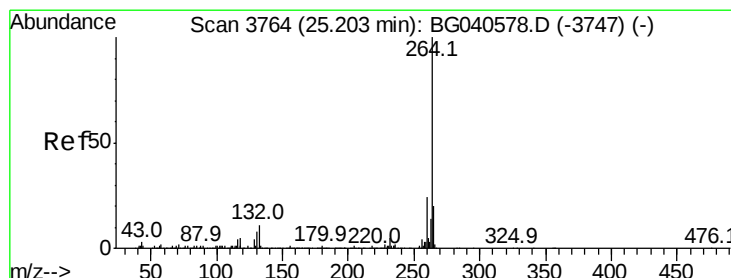
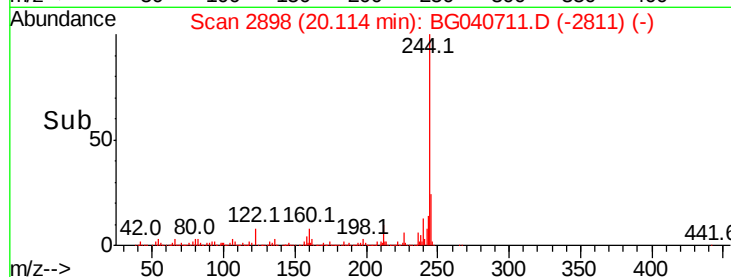
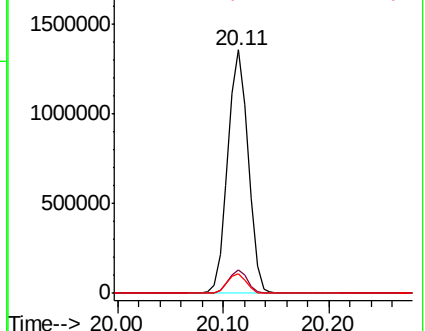
122 7.9 6.6 10.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040711.D

Acq: 2 May 2019 17:44

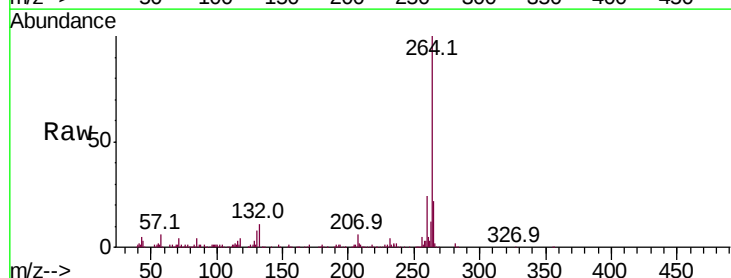
Tgt Ion:264 Resp: 360067

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 16.6 25.0



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

