

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040651.D
 Acq On : 27 Apr 2019 6:04
 Operator : JU/SJ
 Sample : K2553-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200051

Quant Time: Apr 29 02:31:01 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	46064	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	188051	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	141192	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	388313	20.00	ng	0.00
76) Chrysene-d12	21.81	240	396283	20.00	ng	0.00
87) Perylene-d12	25.19	264	418857	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	347950	133.15	ng	0.00
7) Phenol-d6	7.29	99	459127	114.11	ng	0.00
23) Nitrobenzene-d5	9.34	82	434122	106.67	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	304502	156.90	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	884129	90.43	ng	0.00
79) Terphenyl-d14	20.13	244	1850524	103.45	ng	0.00

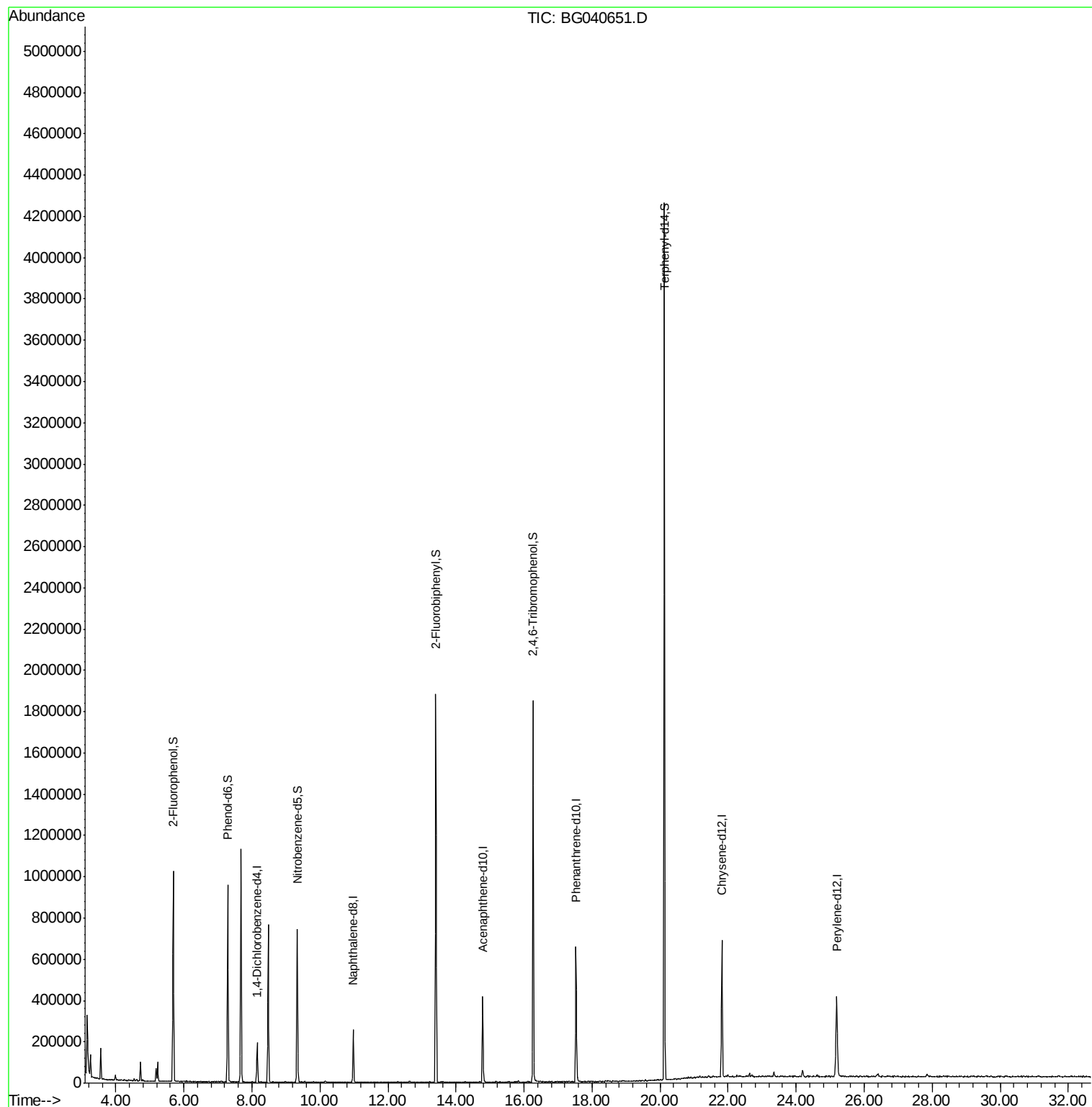
Target Compounds	Qvalue
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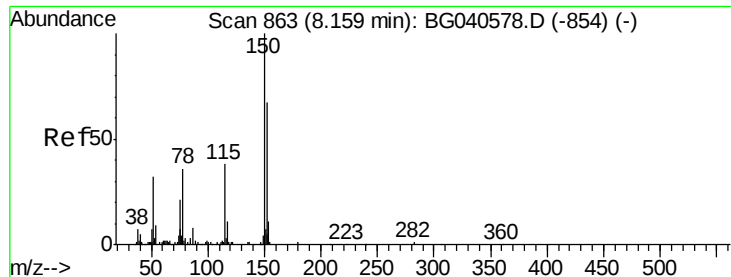
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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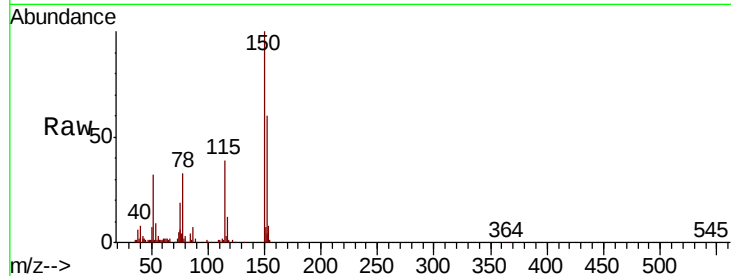


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040651.D
Acq: 27 Apr 2019 6:04

Instrument :
BNA_G
ClientSampleId :
RBR200051

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.5	120.2	180.2
115	65.4	46.2	69.2

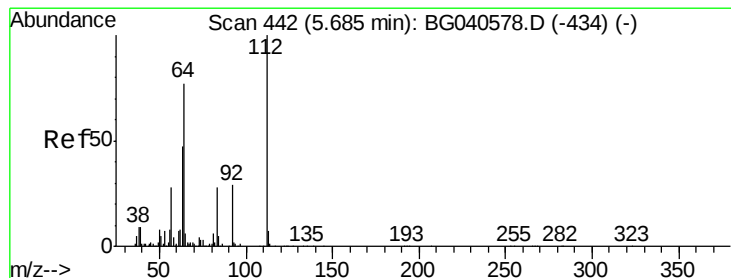
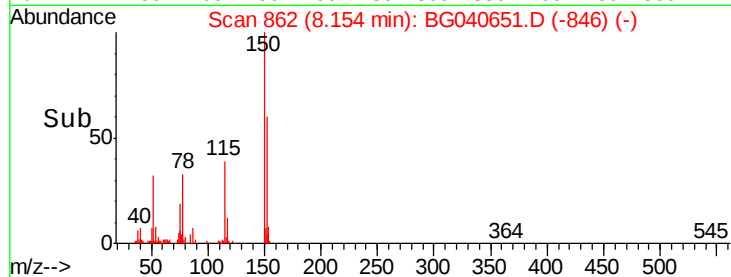
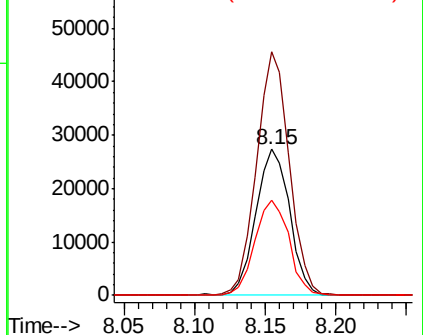


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

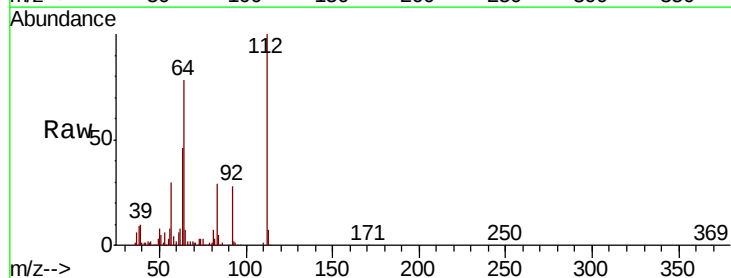
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.153 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040651.D
Acq: 27 Apr 2019 6:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.5	61.4	92.0
63	46.1	37.8	56.6

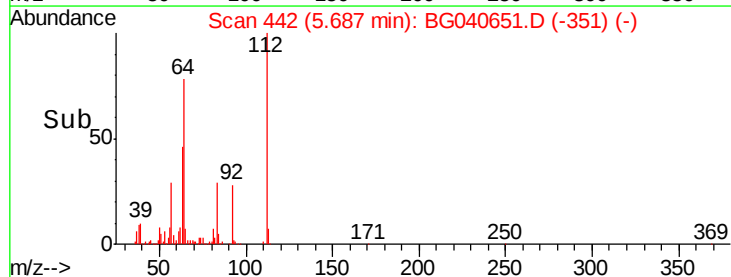
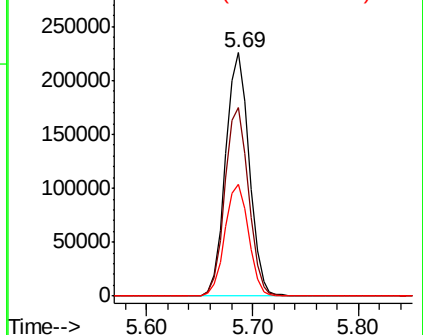


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.110 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040651.D

Acq: 27 Apr 2019 6:04

Instrument :

BNA_G

ClientSampleId :

RBR200051

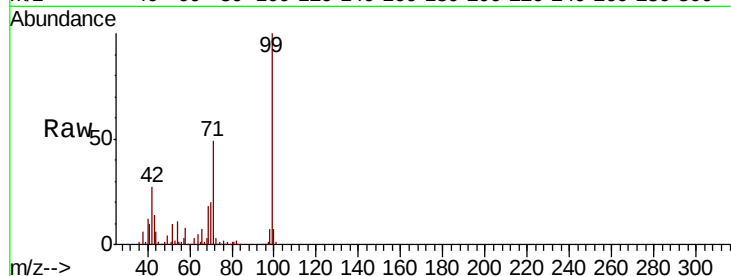
Tgt Ion: 99 Resp: 459127

Ion Ratio Lower Upper

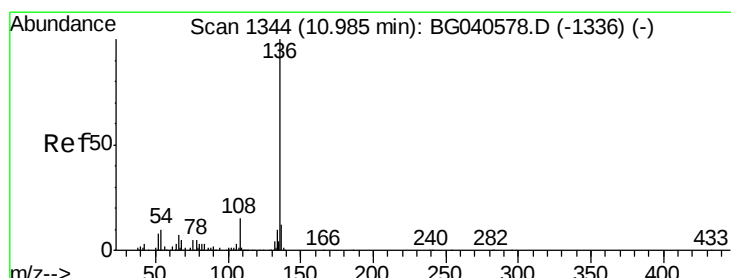
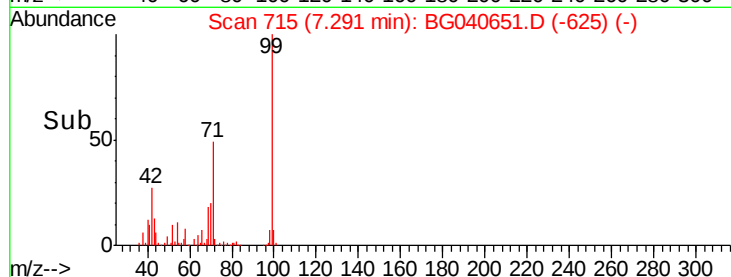
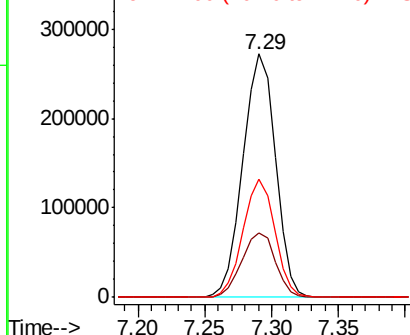
99 100

42 26.6 21.8 32.8

71 48.6 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: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040651.D

Acq: 27 Apr 2019 6:04

Tgt Ion: 136 Resp: 188051

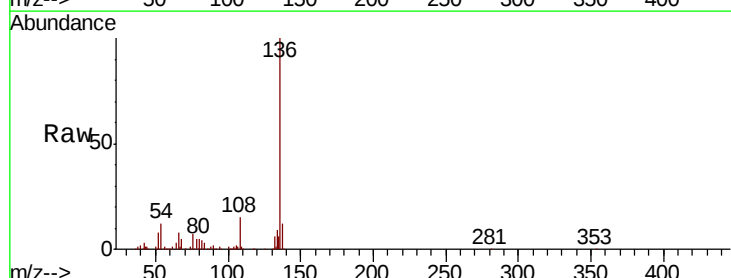
Ion Ratio Lower Upper

136 100

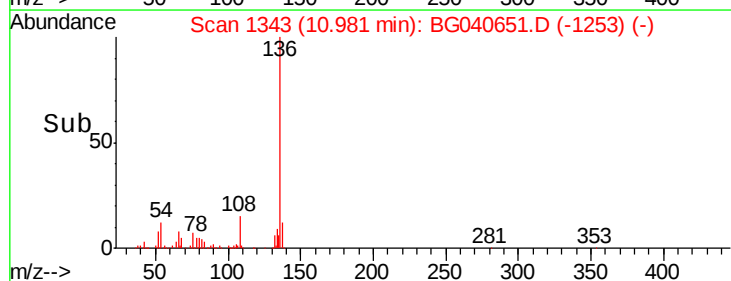
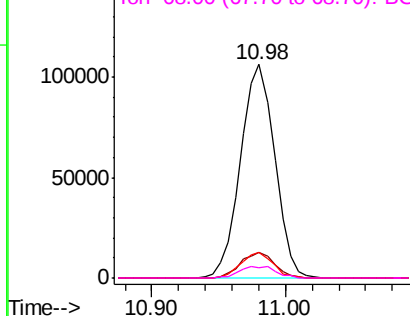
137 11.9 9.7 14.5

54 12.1 8.6 12.8

68 4.7 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

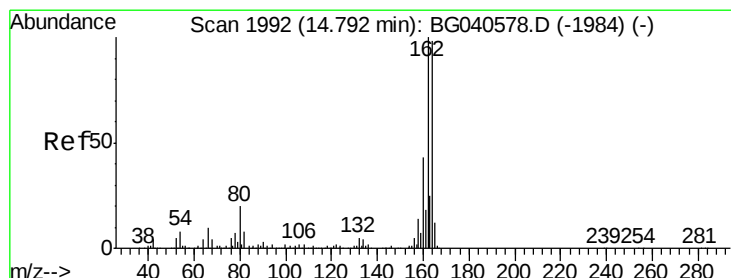
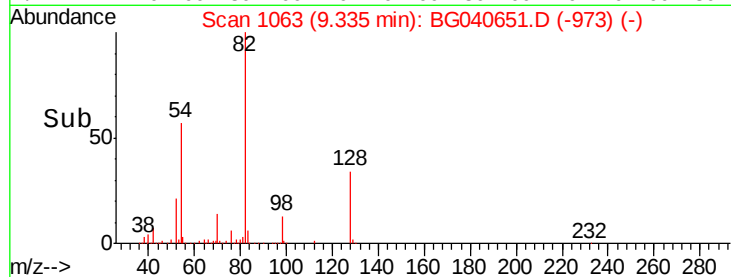
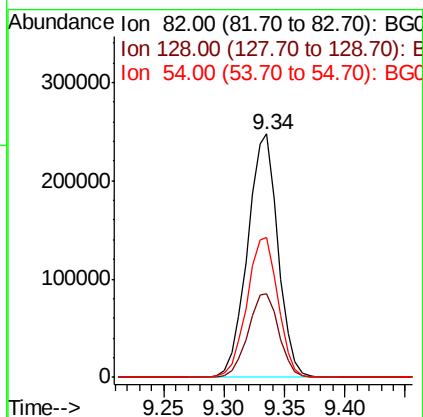
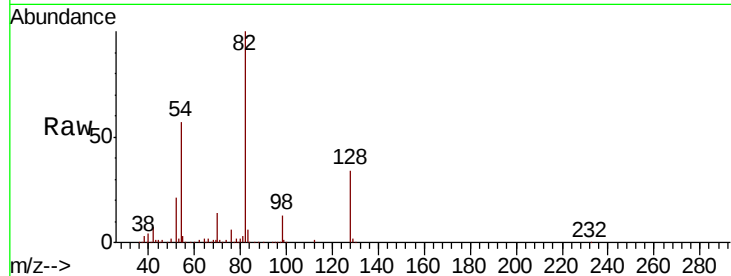




#23
Nitrobenzene-d5
Concen: 106.669 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG040651.D
Acq: 27 Apr 2019 6:04

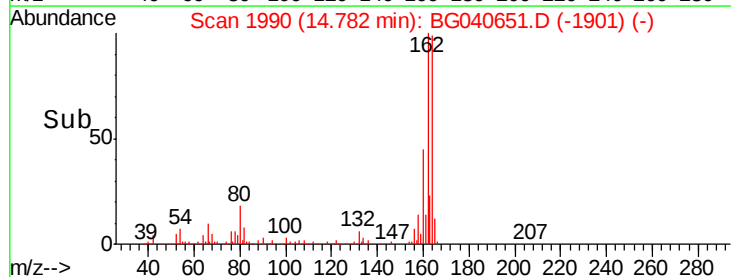
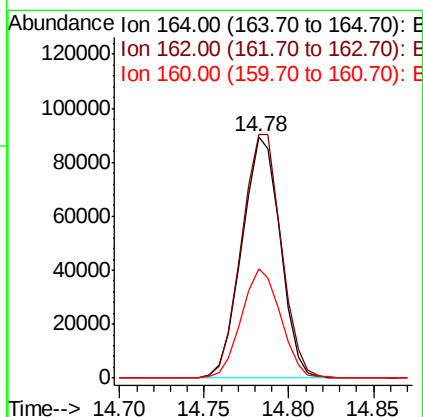
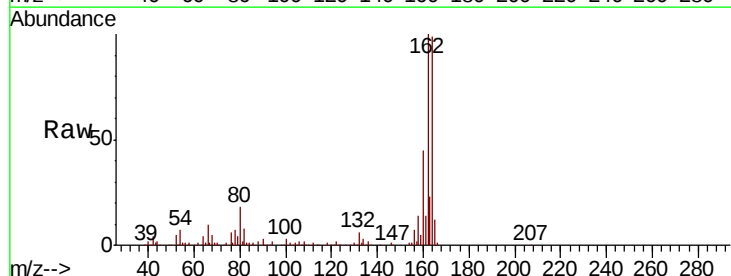
Instrument :
BNA_G
ClientSampleId :
RBR200051

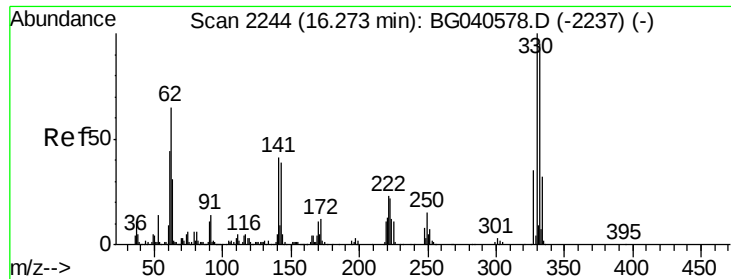
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.9	43.3
54	57.3	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040651.D
Acq: 27 Apr 2019 6:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.9	122.9
160	45.1	35.4	53.2

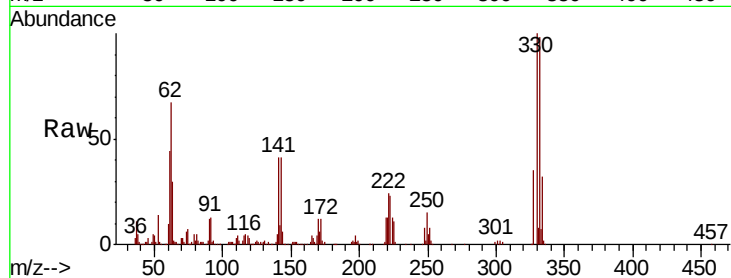




#42
 2,4,6-Tribromophenol
 Concen: 156.902 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG040651.D
 Acq: 27 Apr 2019 6:04

Instrument :
 BNA_G
 ClientSampled :
 RBR200051

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.9	113.9
141	40.1	32.4	48.6

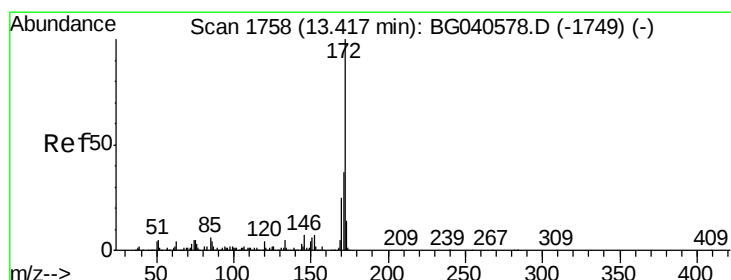
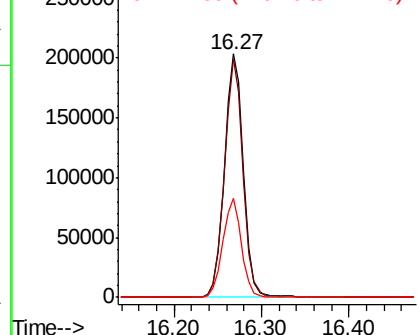
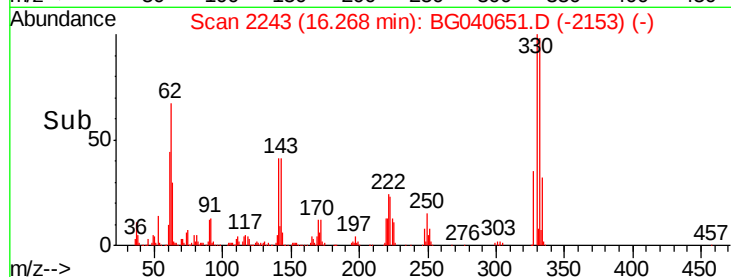


Abundance

Ion 329.80 (329.50 to 330.50): E

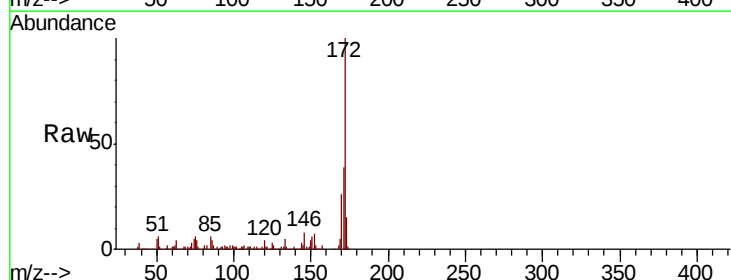
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.434 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040651.D
 Acq: 27 Apr 2019 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.5	19.9	29.9

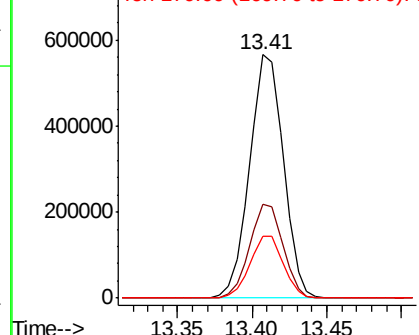
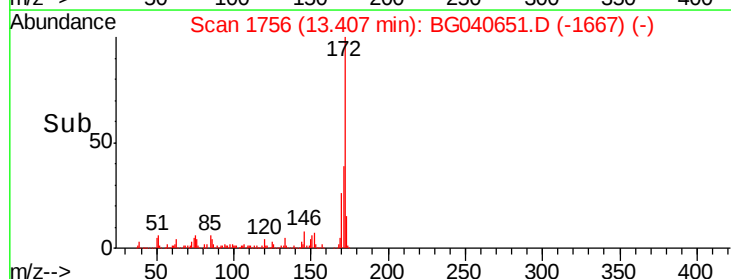


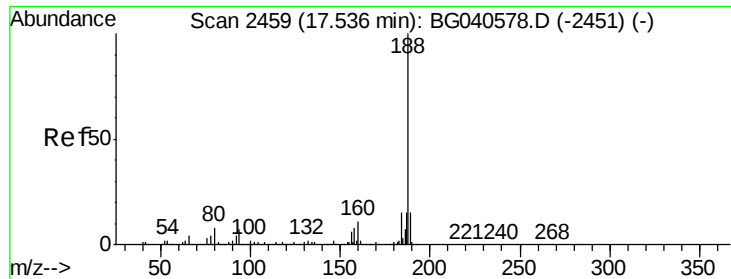
Abundance

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

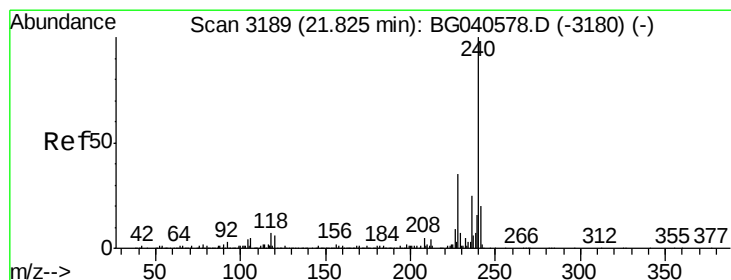
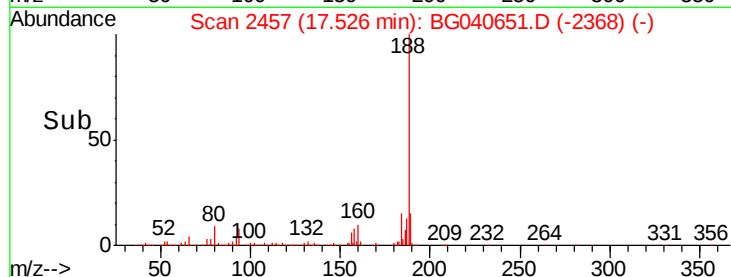
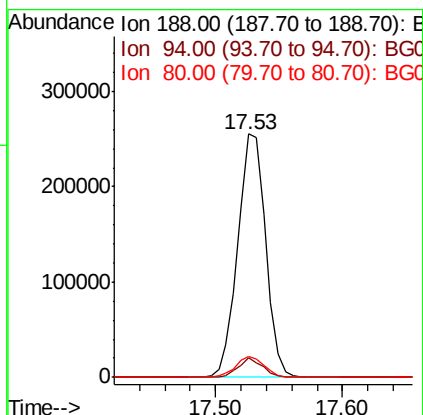
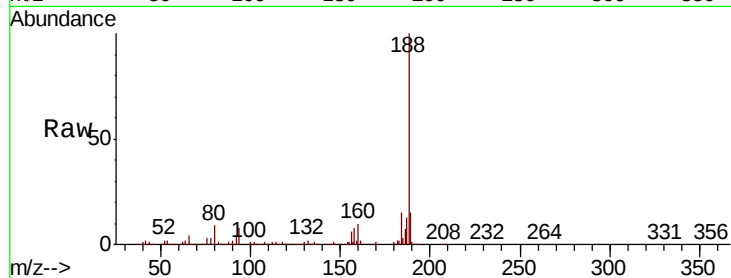




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG040651.D
 Acq: 27 Apr 2019 6:04

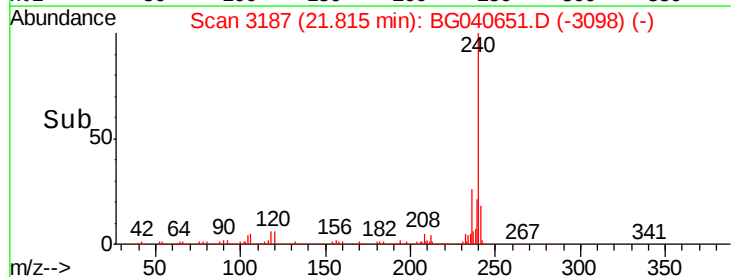
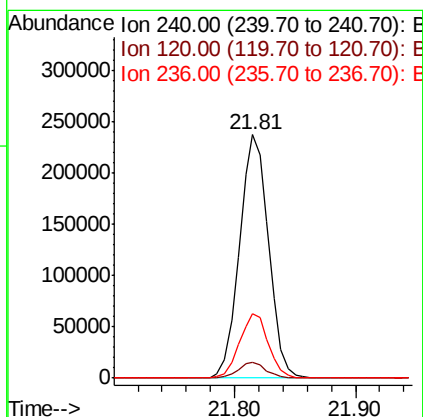
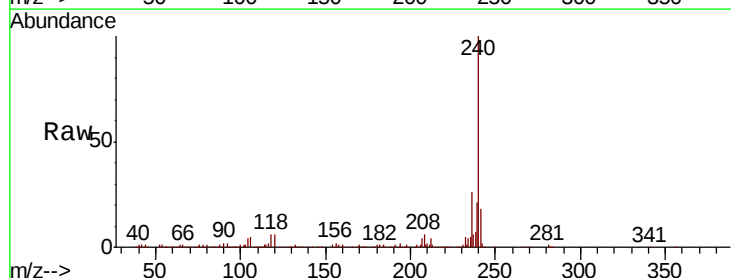
Instrument :
 BNA_G
 ClientSampleId :
 RBR200051

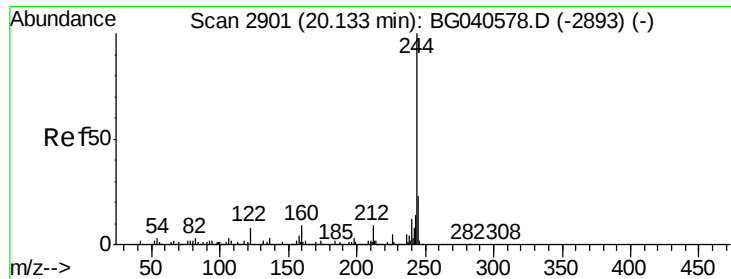
Tgt Ion:188 Resp: 388313
 Ion Ratio Lower Upper
 188 100
 94 8.0 5.6 8.4
 80 8.6 6.4 9.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.01 min
 Lab File: BG040651.D
 Acq: 27 Apr 2019 6:04

Tgt Ion:240 Resp: 396283
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.0 7.6
 236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 103.454 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG040651.D

Acq: 27 Apr 2019 6:04

Instrument :

BNA_G

ClientSampleId :

RBR200051

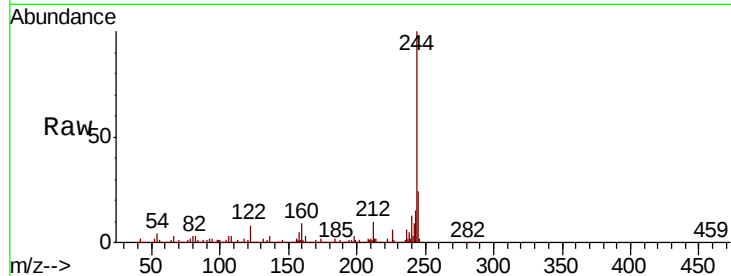
Tgt Ion:244 Resp: 1850524

Ion Ratio Lower Upper

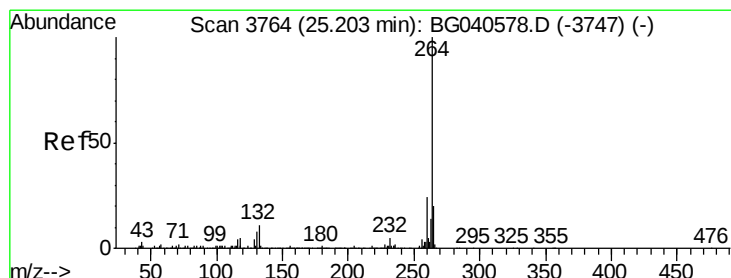
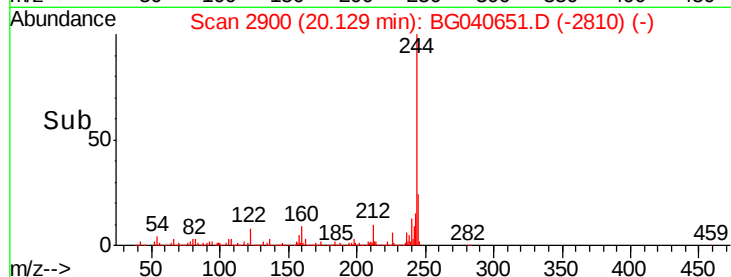
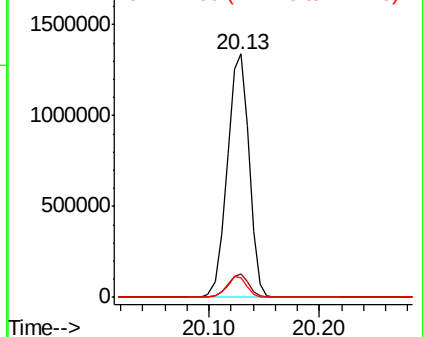
244 100

212 9.8 7.2 10.8

122 8.2 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: 25.19 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG040651.D

Acq: 27 Apr 2019 6:04

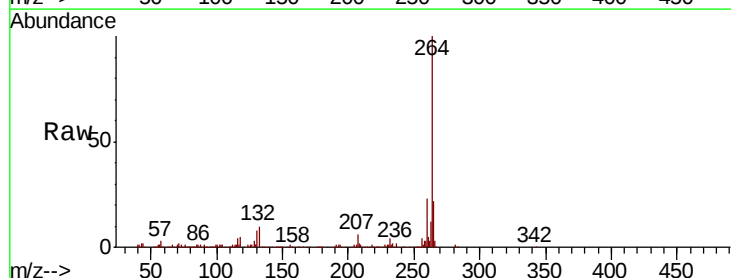
Tgt Ion:264 Resp: 418857

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.7 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

