

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040607.D
 Acq On : 25 Apr 2019 12:58
 Operator : JU/SJ
 Sample : PB119170BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119170BL

Quant Time: Apr 25 23:34:48 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	8.16	152	42911	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	172793	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	123992	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	342710	20.00	ng	0.00
76) Chrysene-d12	21.82	240	396570	20.00	ng	0.00
87) Perylene-d12	25.19	264	402093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	310943	127.73	ng	0.00
7) Phenol-d6	7.29	99	463296	123.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	313167	83.74	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	198607	116.53	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	673353	78.43	ng	0.00
79) Terphenyl-d14	20.13	244	1483793	82.89	ng	0.00

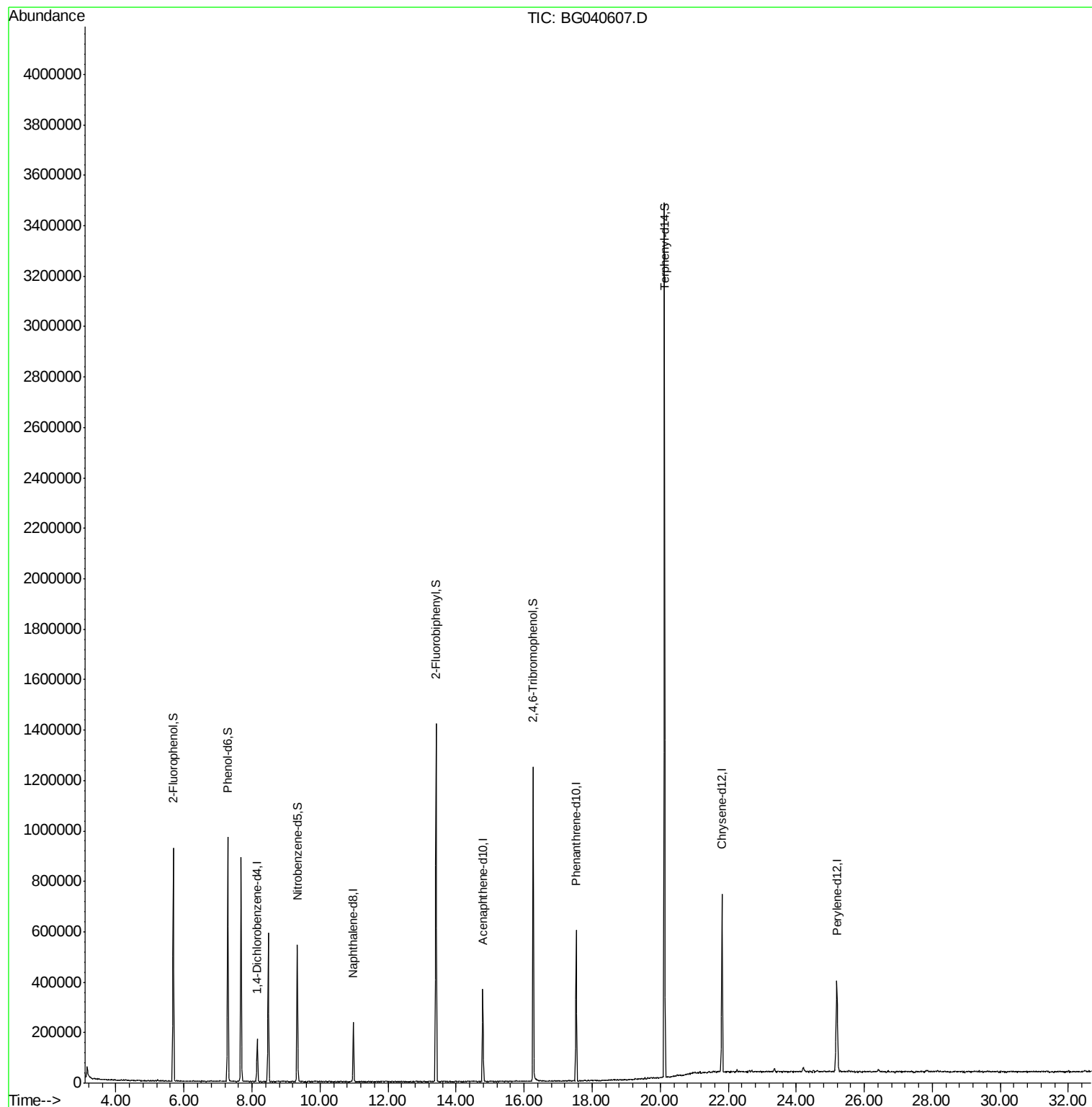
Target Compounds Qvalue

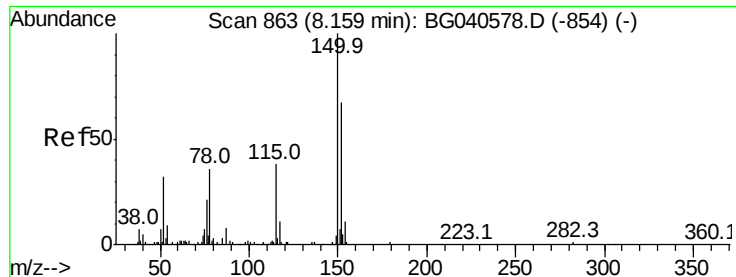
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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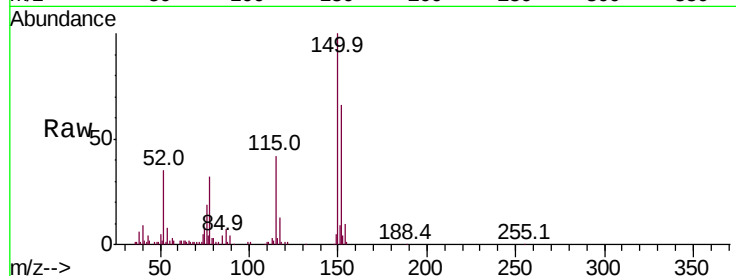


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040607.D
Acq: 25 Apr 2019 12:58

Instrument :
BNA_G
ClientSampleId :
PB119170BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	120.2	180.2
115	64.2	46.2	69.2

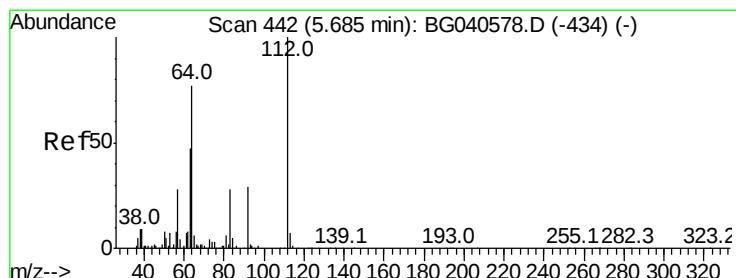
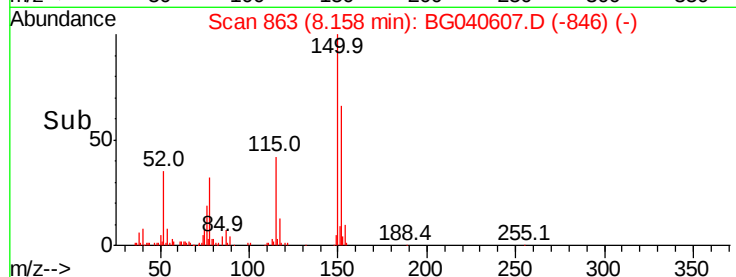
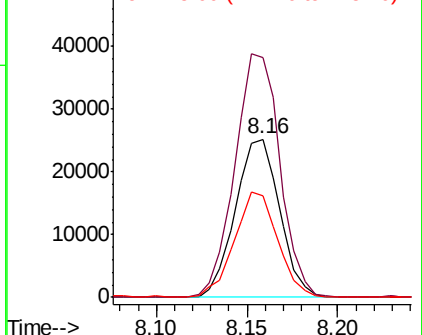


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

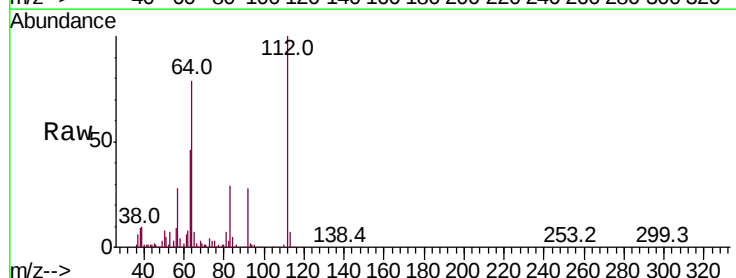
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.734 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040607.D
Acq: 25 Apr 2019 12:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.6	61.4	92.0
63	45.6	37.8	56.6

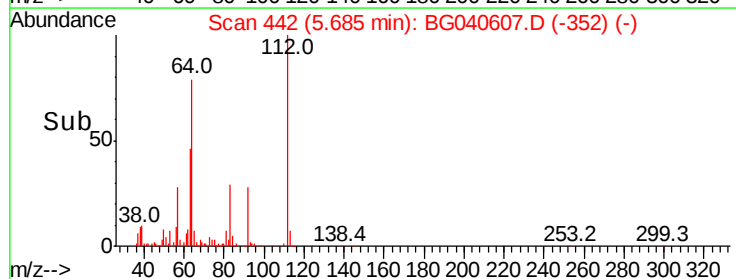
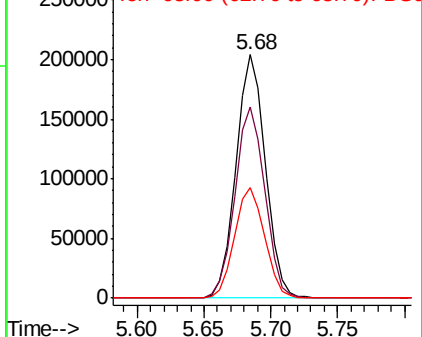


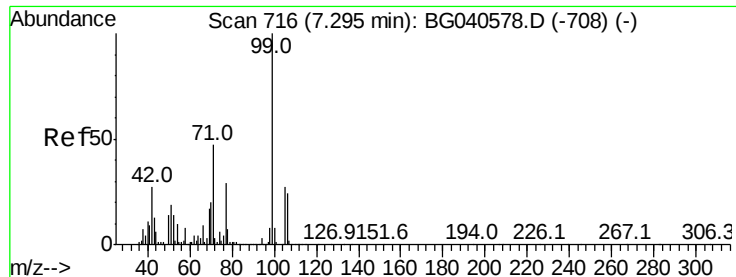
Abundance

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: 123.607 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040607.D

Acq: 25 Apr 2019 12:58

Instrument :

BNA_G

ClientSampleId :

PB119170BL

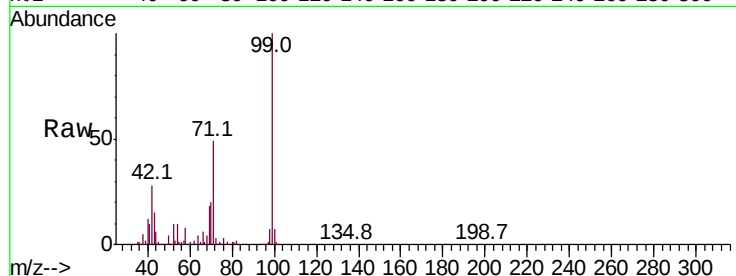
Tot Ion: 99 Resp: 463296

Ion Ratio Lower Upper

99 100

42 28.1 21.8 32.8

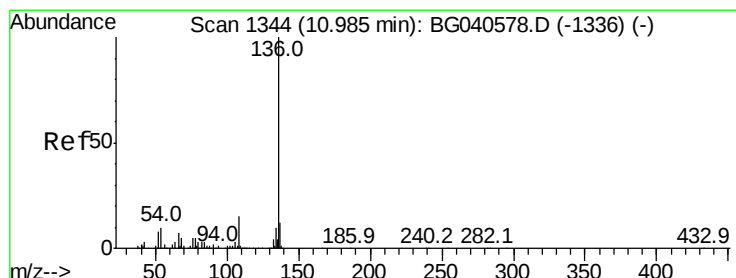
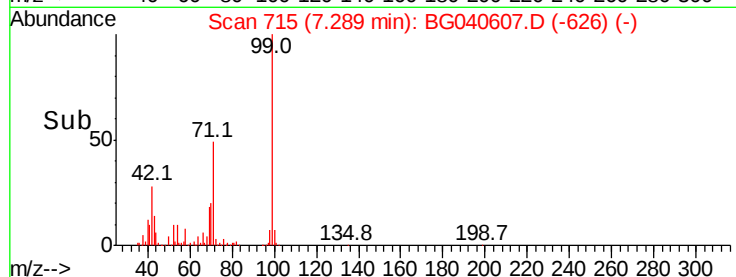
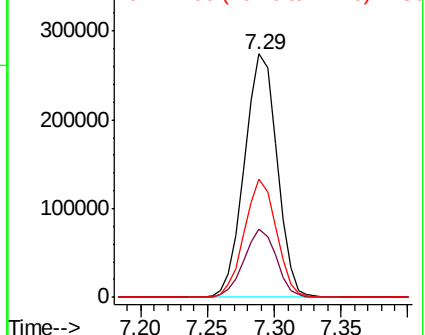
71 48.6 38.6 57.8



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. -0.01 min

Lab File: BG040607.D

Acq: 25 Apr 2019 12:58

Tgt Ion: 136 Resp: 172793

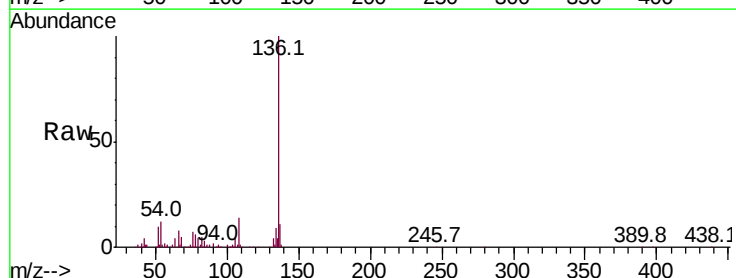
Ion Ratio Lower Upper

136 100

137 11.1 9.7 14.5

54 12.5 8.6 12.8

68 5.5 4.8 7.2

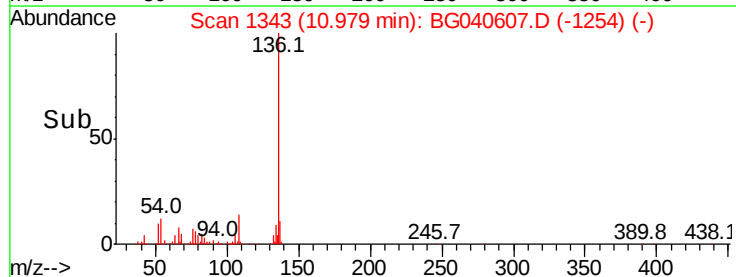
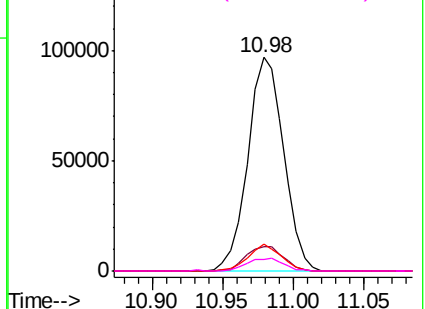


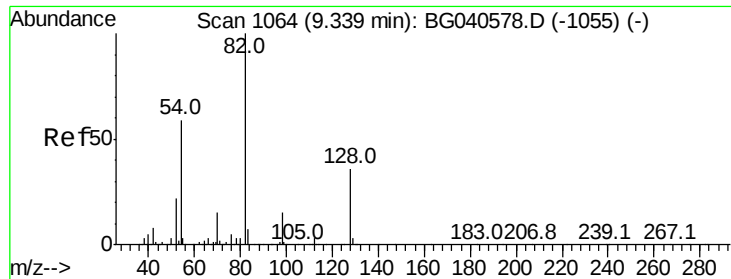
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

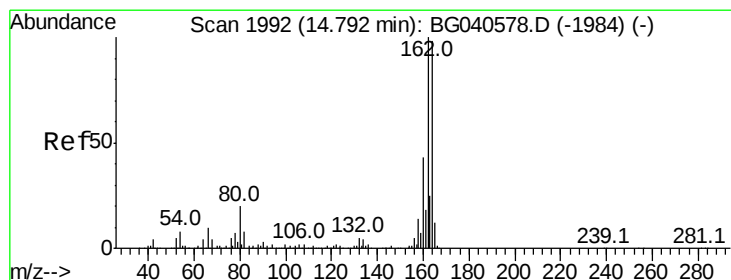
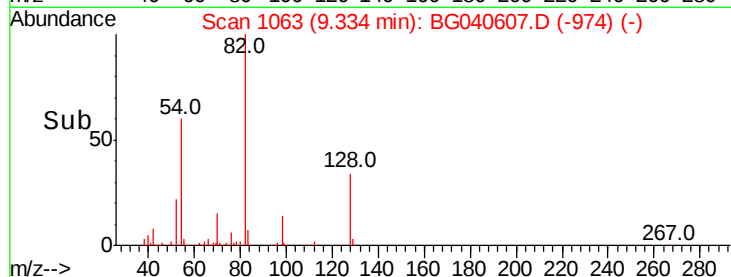
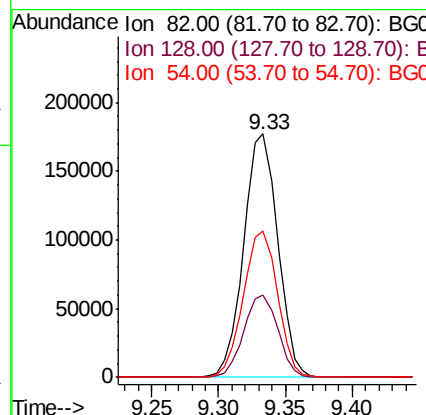
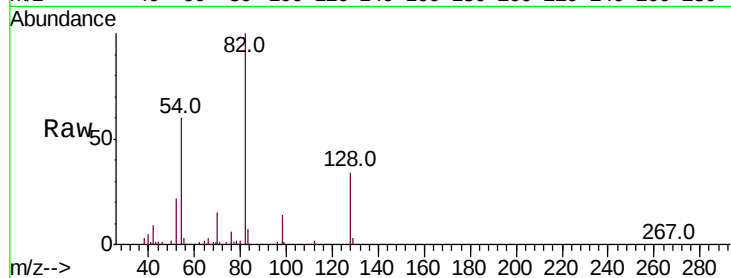




#23
 Nitrobenzene-d5
 Concen: 83.743 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040607.D
 Acq: 25 Apr 2019 12:58

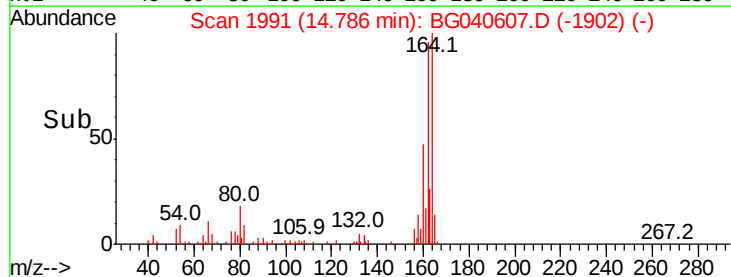
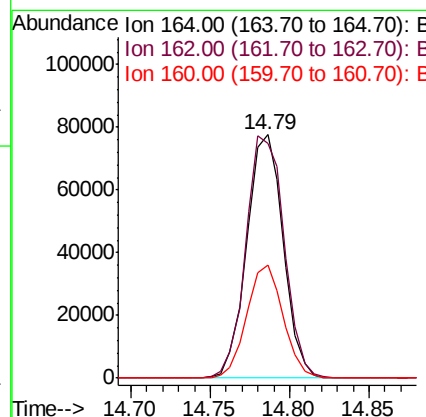
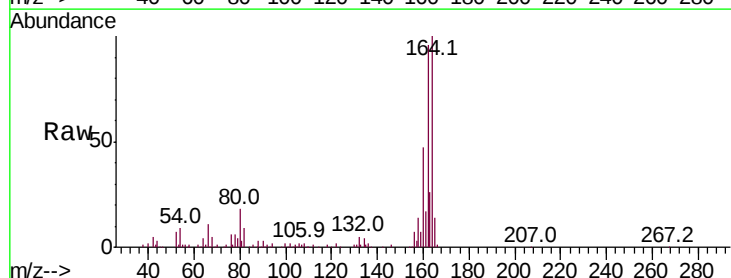
Instrument :
 BNA_G
 ClientSampleId :
 PB119170BL

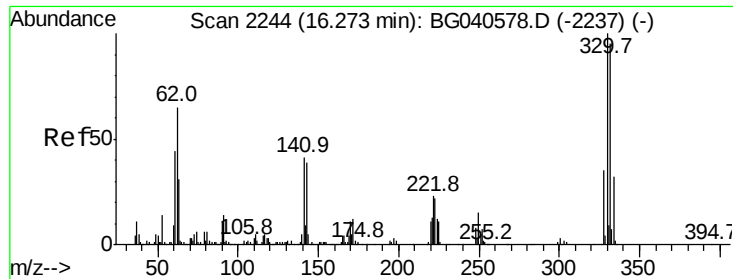
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.9	43.3
54	60.0	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040607.D
 Acq: 25 Apr 2019 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	81.9	122.9
160	46.5	35.4	53.2

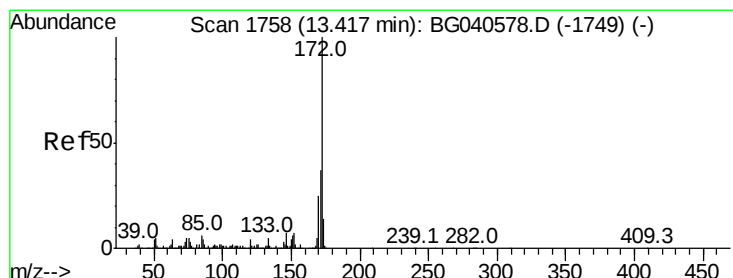
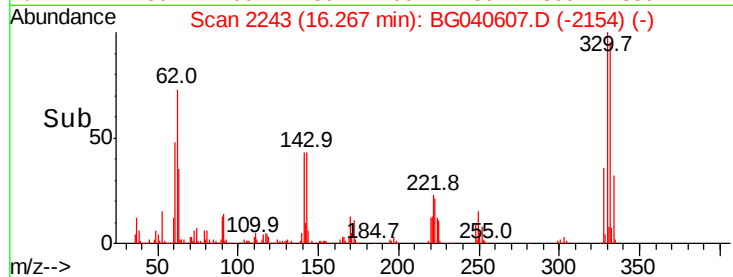
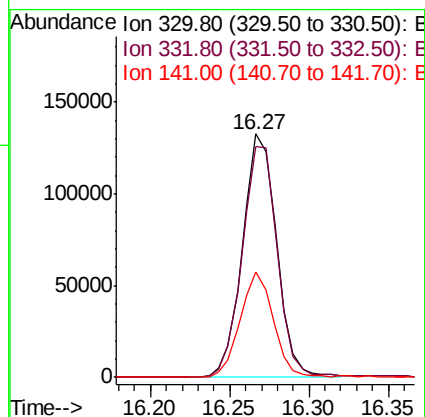
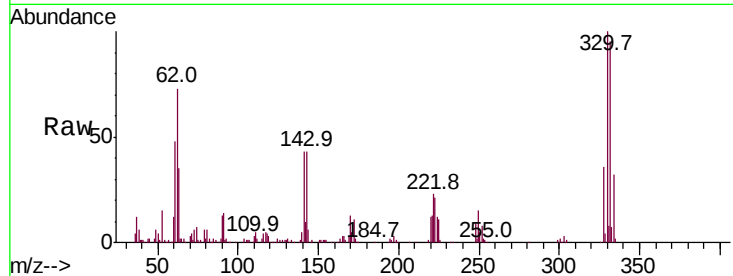




#42
 2,4,6-Tribromophenol
 Concen: 116.533 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040607.D
 Acq: 25 Apr 2019 12:58

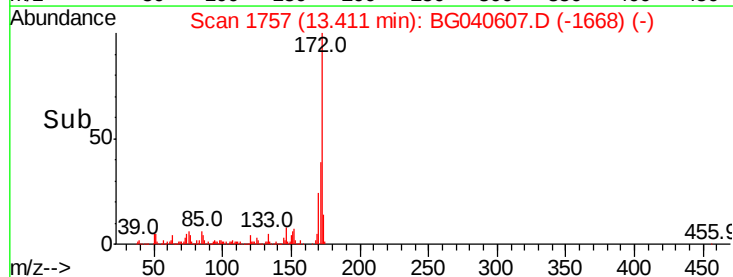
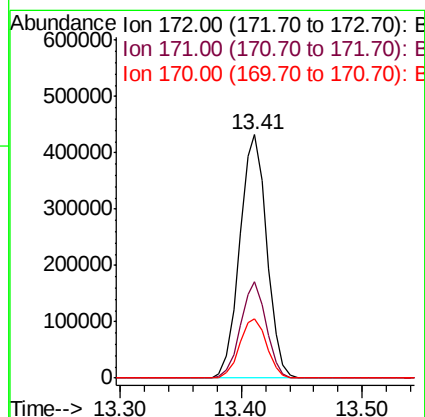
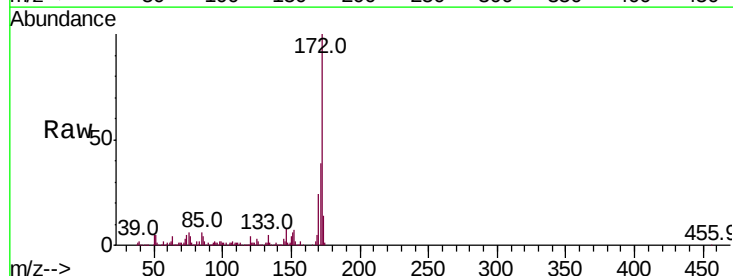
Instrument :
 BNA_G
 ClientSampleId :
 PB119170BL

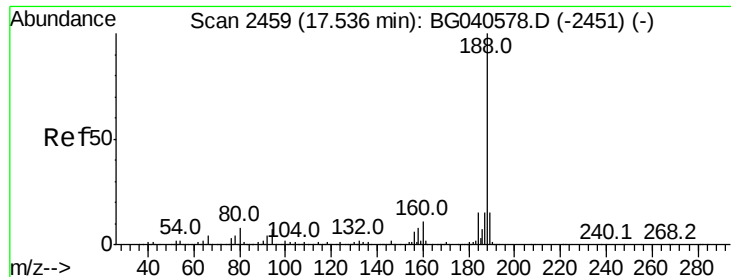
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	75.9	113.9
141	41.9	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 78.429 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040607.D
 Acq: 25 Apr 2019 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.4	44.2
170	24.4	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040607.D

Acq: 25 Apr 2019 12:58

Instrument :

BNA_G

ClientSampleId :

PB119170BL

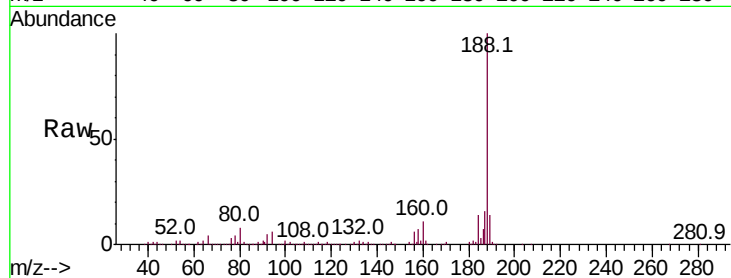
Tot Ion:188 Resp: 342710

Ion Ratio Lower Upper

188 100

94 6.5 5.6 8.4

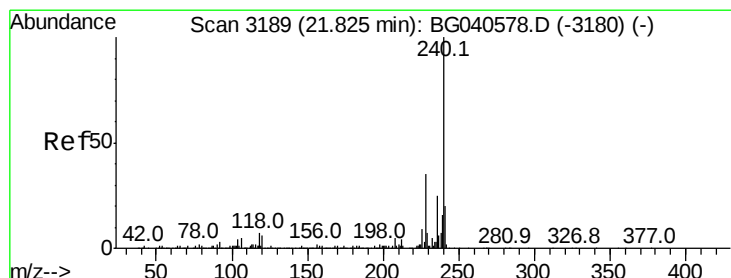
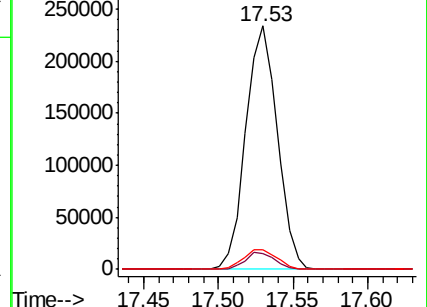
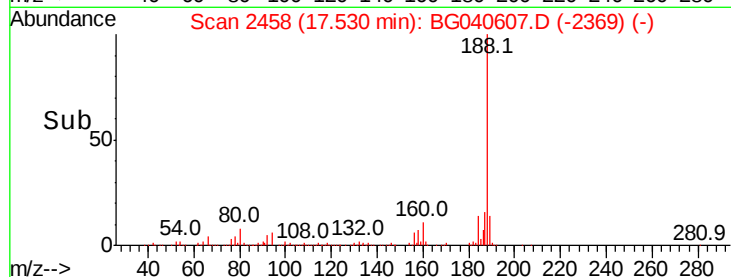
80 8.0 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040607.D

Acq: 25 Apr 2019 12:58

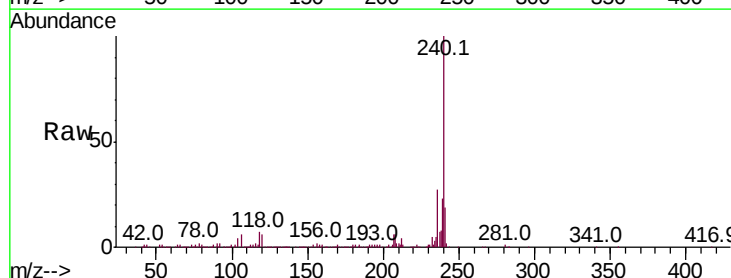
Tgt Ion:240 Resp: 396570

Ion Ratio Lower Upper

240 100

120 6.0 5.0 7.6

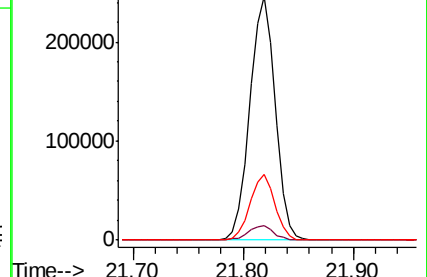
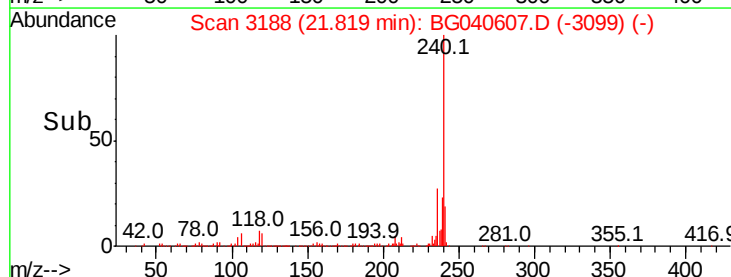
236 26.7 20.3 30.5

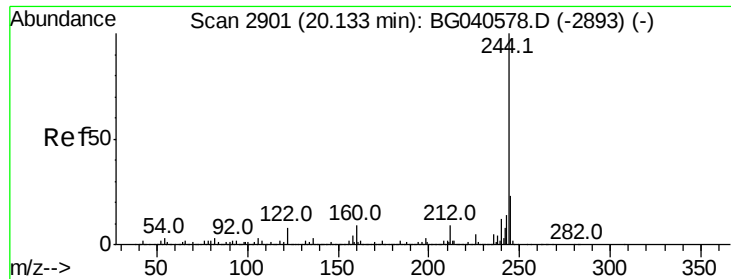


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



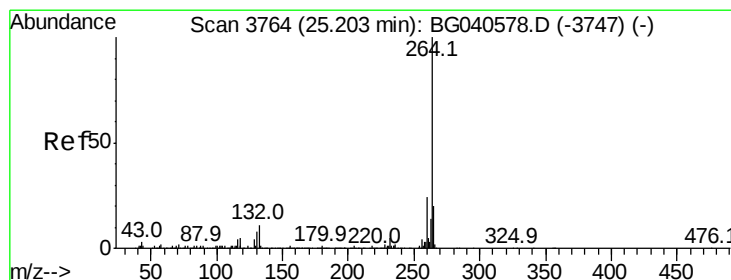
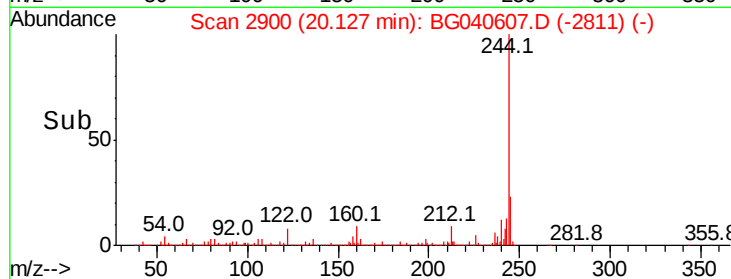
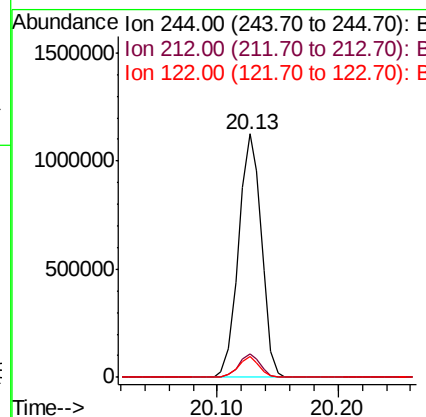
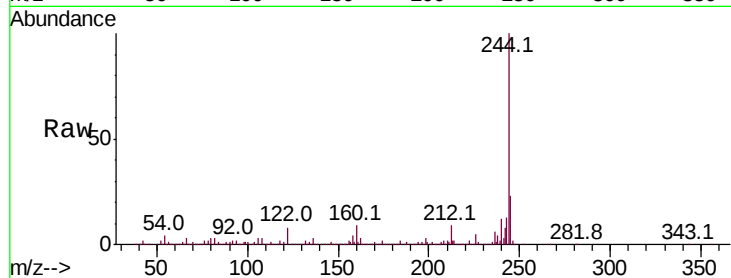


#79
 Terphenyl-d14
 Concen: 82.891 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040607.D
 Acq: 25 Apr 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :
 PB119170BL

Tot Ion:244 Resp: 1483793

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	8.4	6.6	10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG040607.D
 Acq: 25 Apr 2019 12:58

Tgt Ion:264 Resp: 402093

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.4	16.6	25.0

