

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040619.D
 Acq On : 25 Apr 2019 20:31
 Operator : JU/SJ
 Sample : K2566-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0017

Quant Time: Apr 26 03:48:18 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	48822	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	206969	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	155146	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	428689	20.00	ng	0.00
76) Chrysene-d12	21.82	240	442784	20.00	ng	0.00
87) Perylene-d12	25.19	264	463133	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	109336	39.48	ng	0.00
7) Phenol-d6	7.28	99	102319	23.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	342860	76.54	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	202054	94.75	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	748553	69.68	ng	0.00
79) Terphenyl-d14	20.13	244	1491334	74.62	ng	0.00

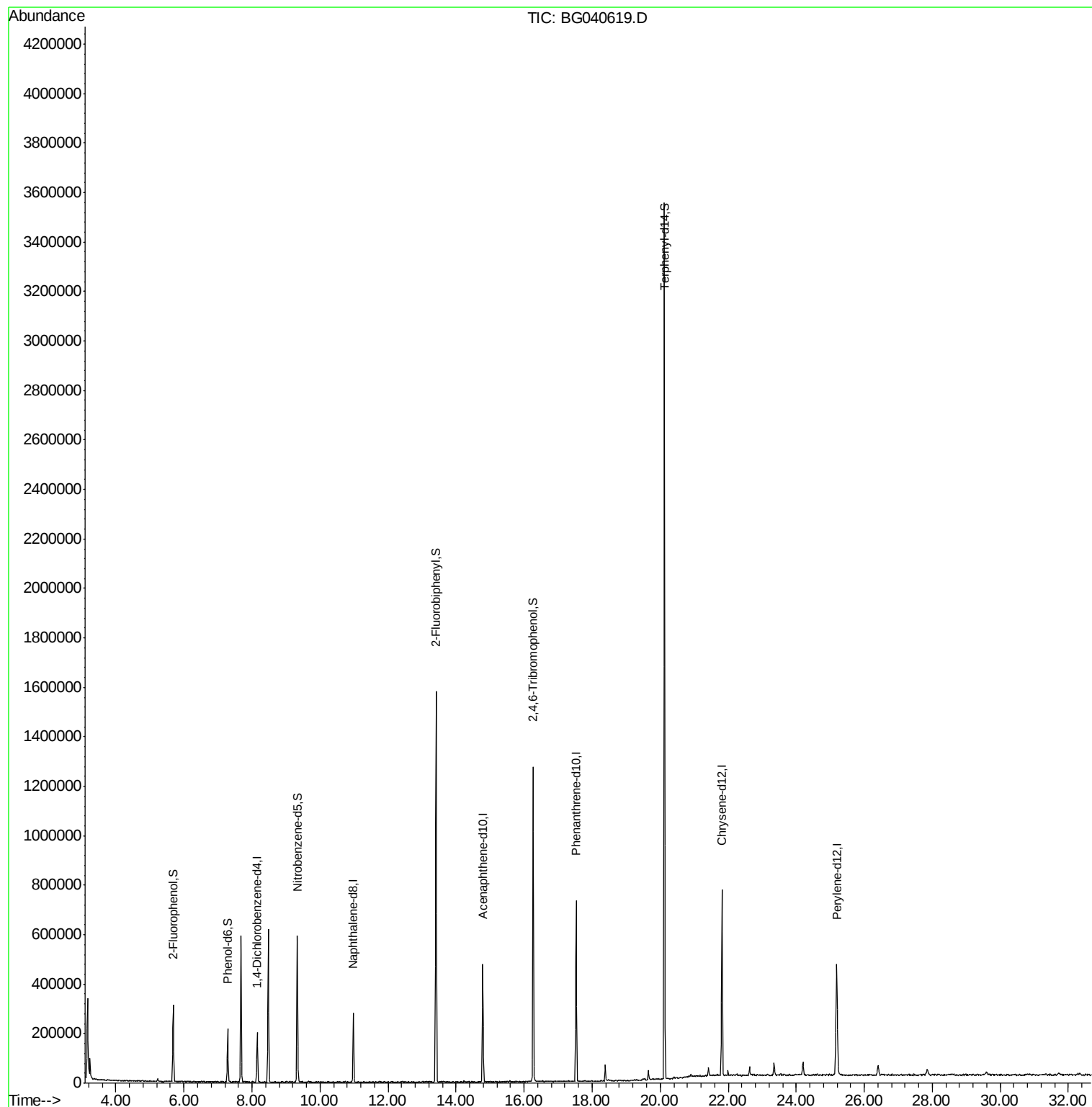
Target Compounds Qvalue

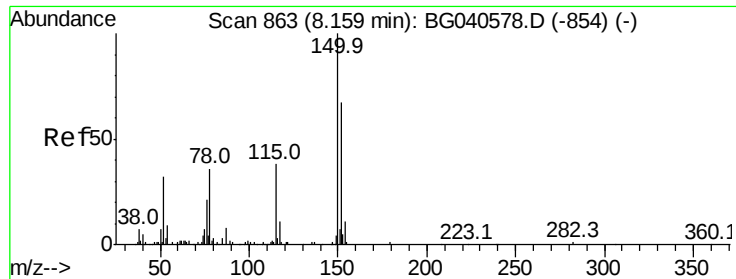
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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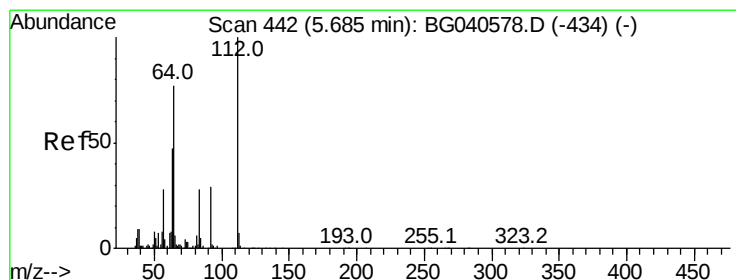
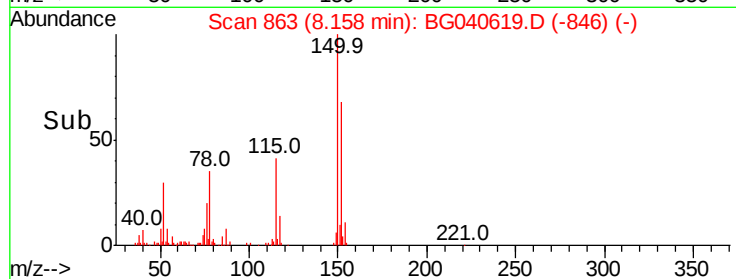
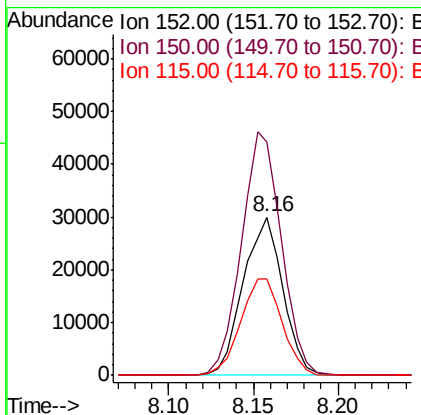
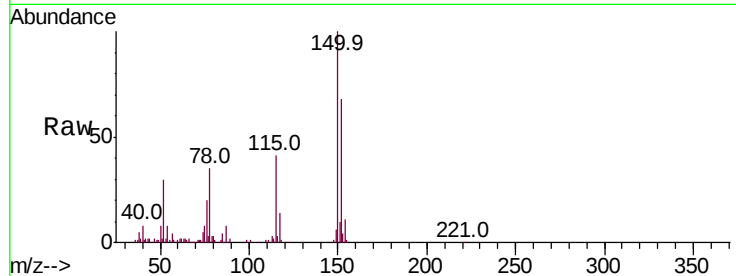


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 S37-0017

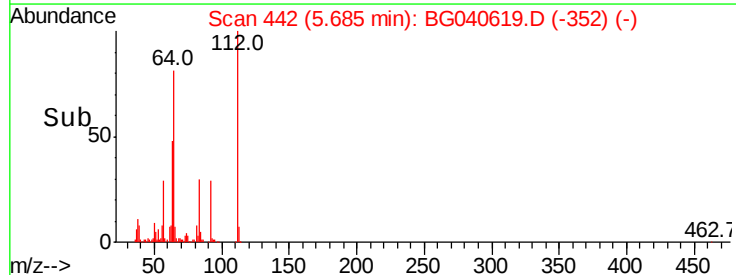
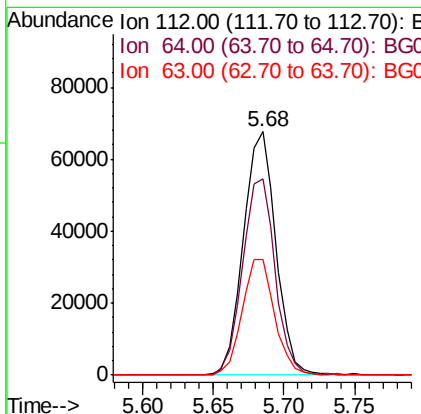
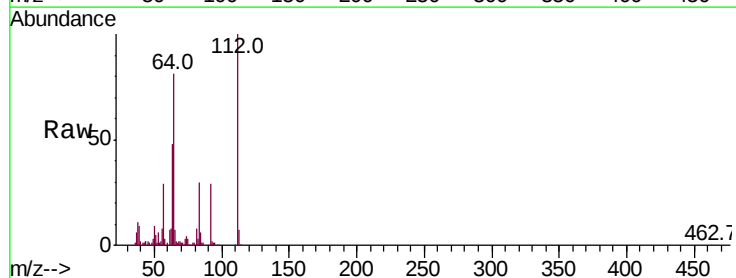
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.2	180.2
115	61.1	46.2	69.2

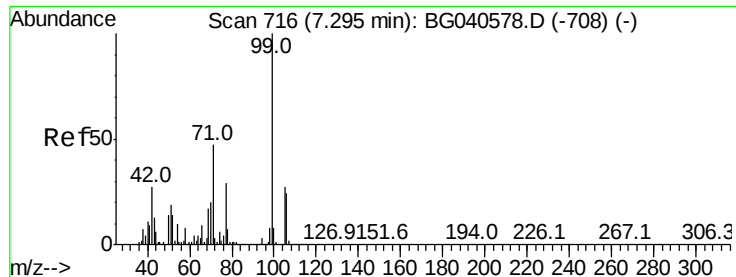


#5

2-Fluorophenol
 Concen: 39.477 ng
 RT: 5.68 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.8	61.4	92.0
63	47.6	37.8	56.6





#7

Phenol-d6

Concen: 23.994 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040619.D

Acq: 25 Apr 2019 20:31

Instrument :

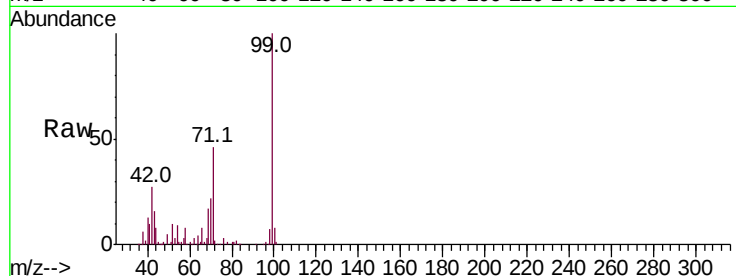
BNA_G

ClientSampleId :

S37-0017

Tot Ion: 99 Resp: 102319

Ion	Ratio	Lower	Upper
99	100		
42	26.9	21.8	32.8
71	46.4	38.6	57.8

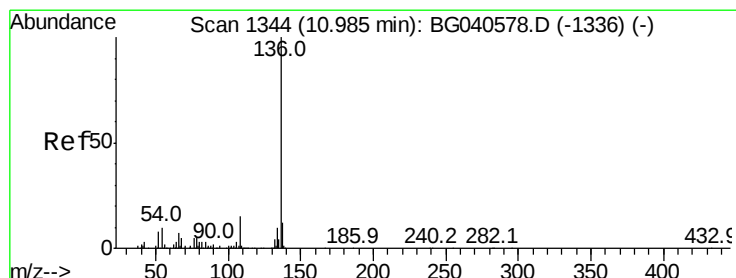
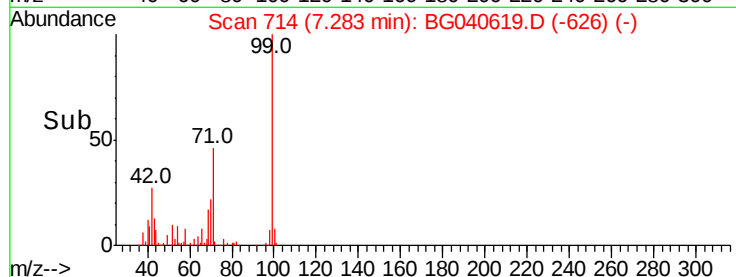
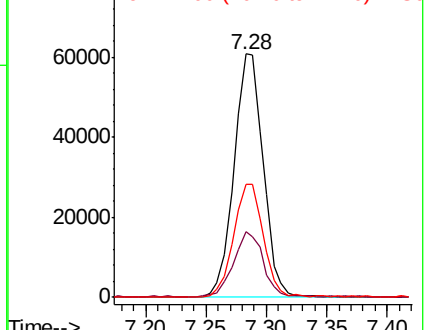


Abundance

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: BG040619.D

Acq: 25 Apr 2019 20:31

Tgt Ion: 136 Resp: 206969

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	11.7	8.6	12.8
68	5.5	4.8	7.2

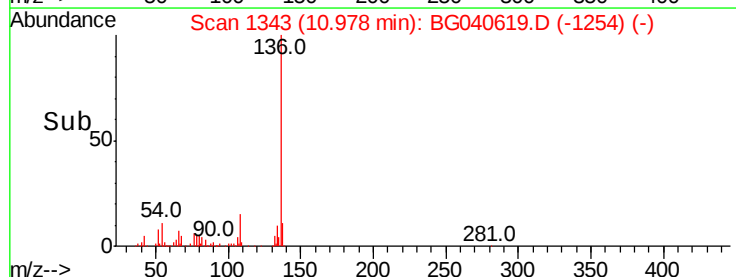
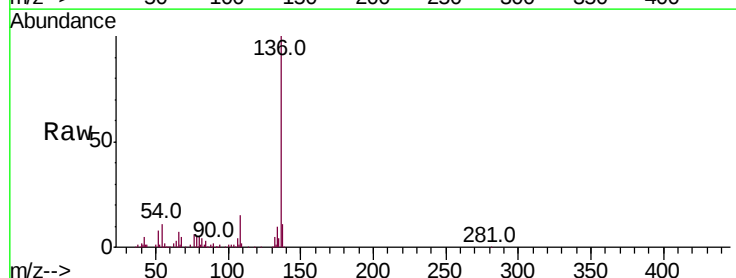
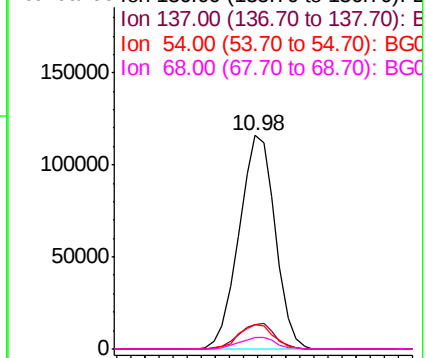
Abundance

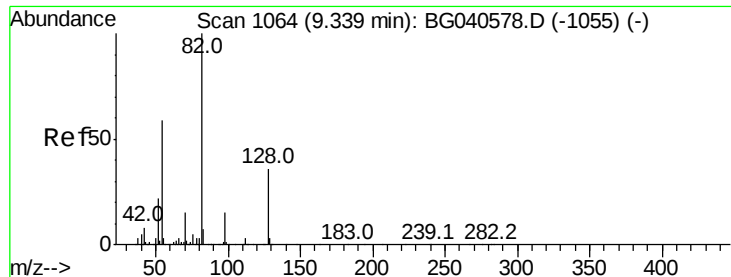
Ion 136.00 (135.70 to 136.70): BGC

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

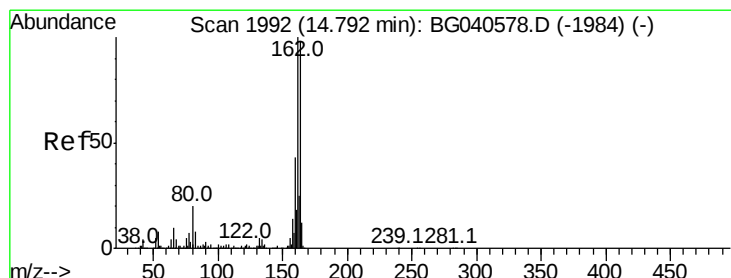
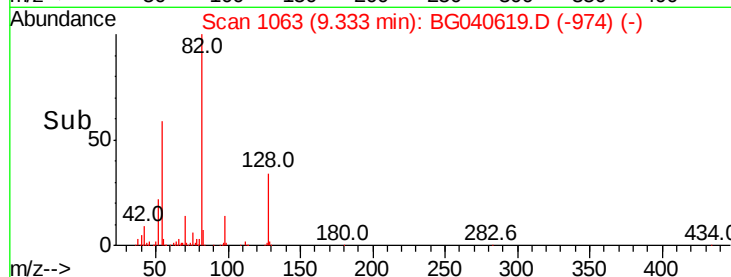
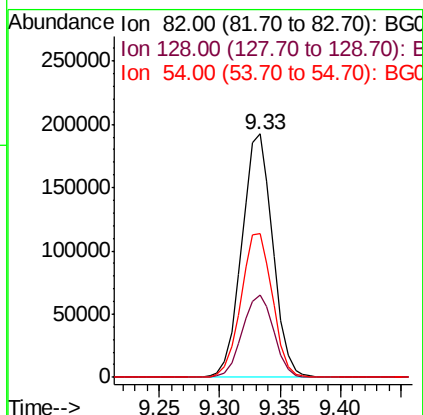
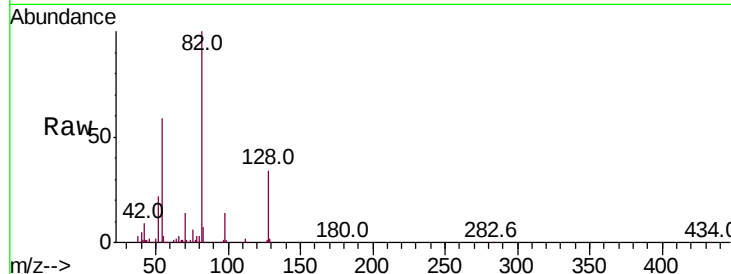




#23
 Nitrobenzene-d5
 Concen: 76.544 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

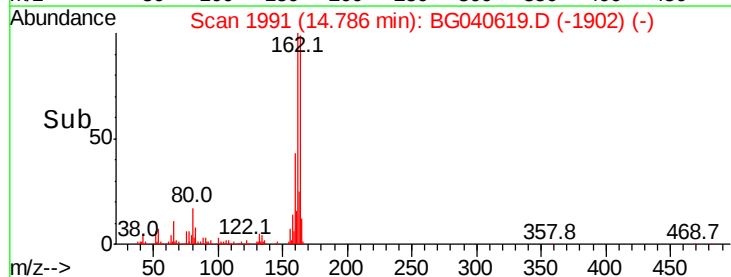
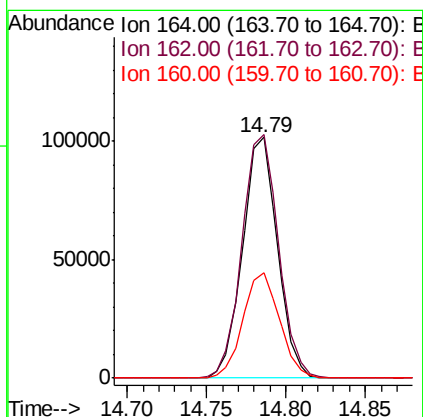
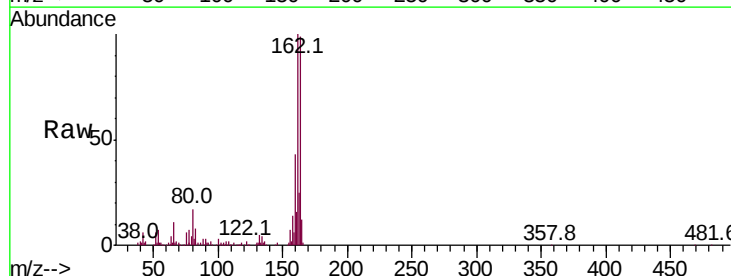
Instrument :
 BNA_G
 ClientSampleId :
 S37-0017

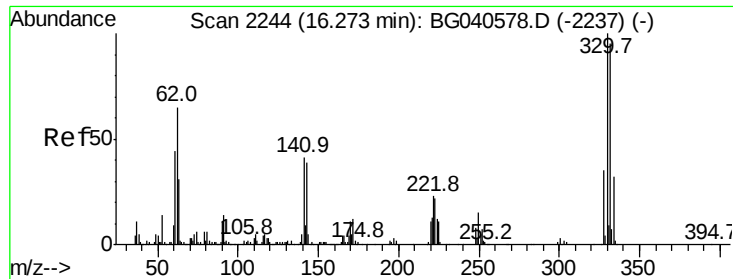
Tot Ion	82	Resp	342860
Ion Ratio	Lower	Upper	
82	100		
128	34.1	28.9	43.3
54	59.1	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Tgt Ion	164	Resp	155146
Ion Ratio	Lower	Upper	
164	100		
162	101.1	81.9	122.9
160	43.6	35.4	53.2

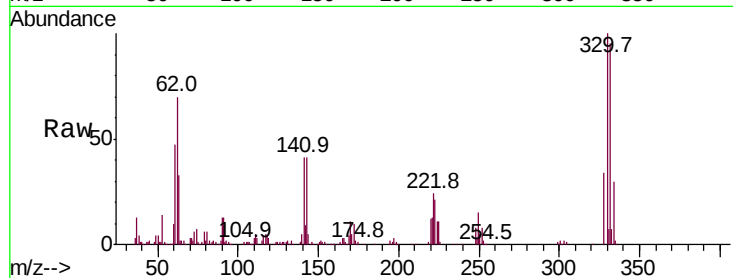




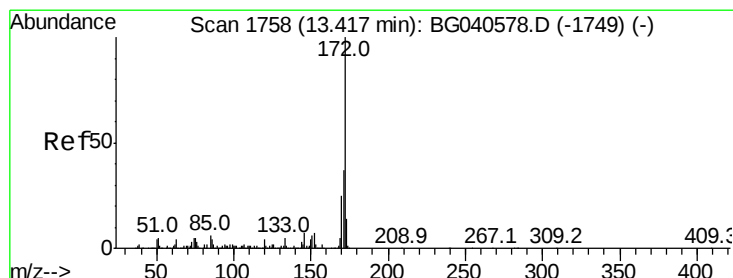
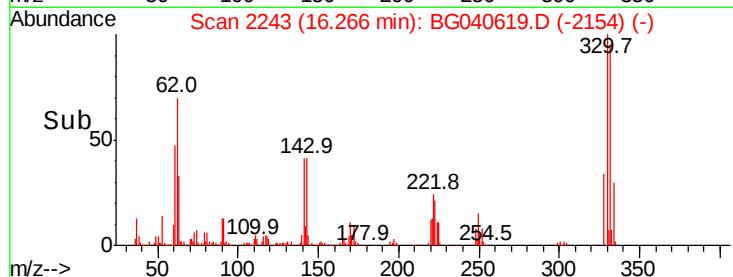
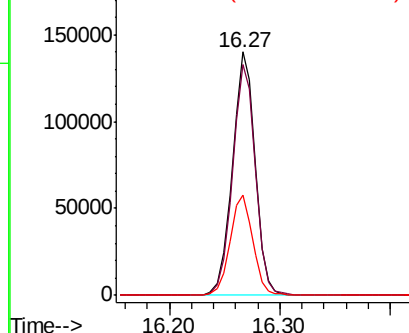
#42
 2,4,6-Tribromophenol
 Concen: 94.749 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 S37-0017

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	41.4	32.4	48.6

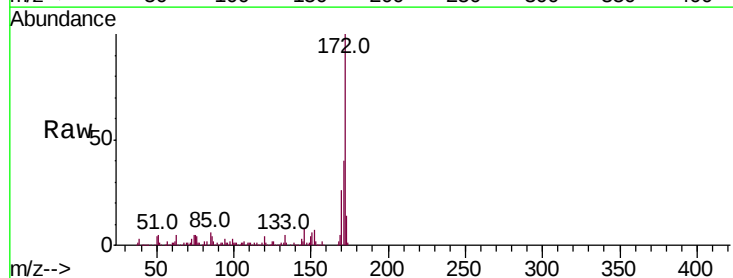


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

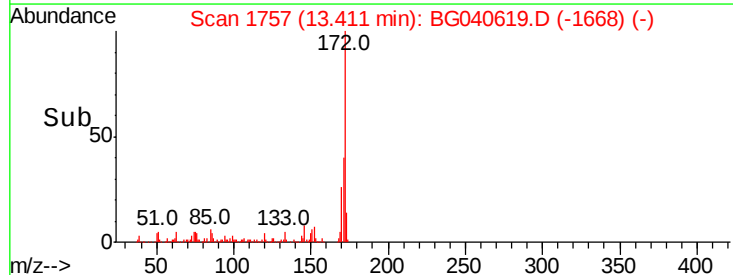
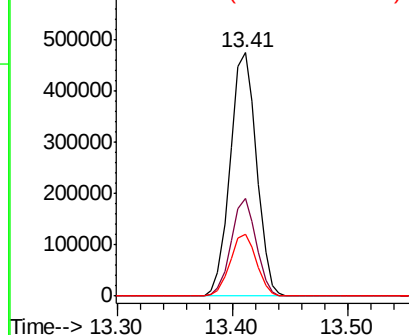


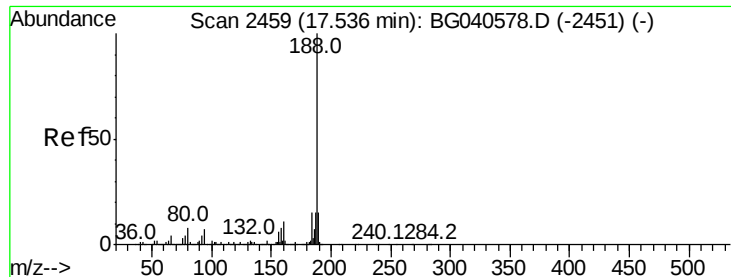
#45
 2-Fluorobiphenyl
 Concen: 69.680 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	29.4	44.2
170	25.6	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# 2458

Delta R.T. -0.01 min

Lab File: BG040619.D

Acq: 25 Apr 2019 20:31

Instrument :

BNA_G

ClientSampleId :

S37-0017

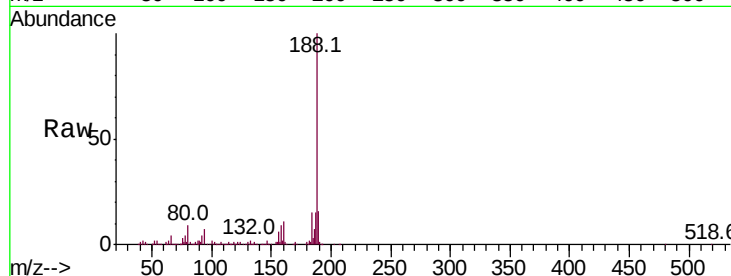
Tot Ion:188 Resp: 428689

Ion Ratio Lower Upper

188 100

94 6.8 5.6 8.4

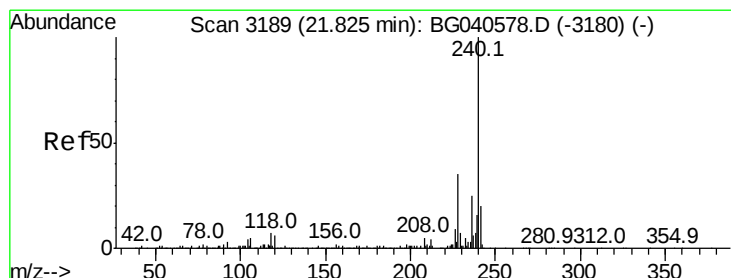
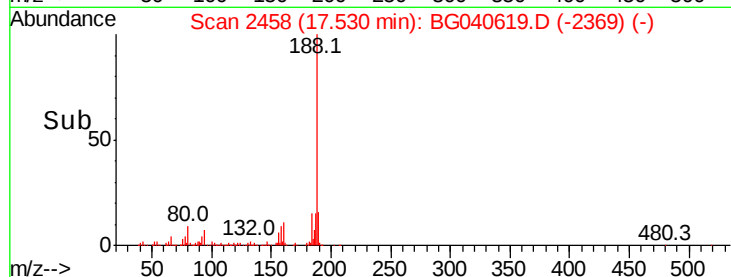
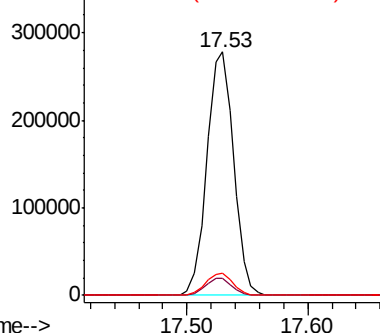
80 8.9 6.4 9.6



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040619.D

Acq: 25 Apr 2019 20:31

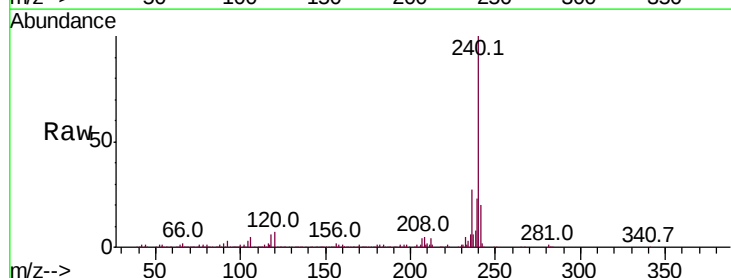
Tgt Ion:240 Resp: 442784

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.6

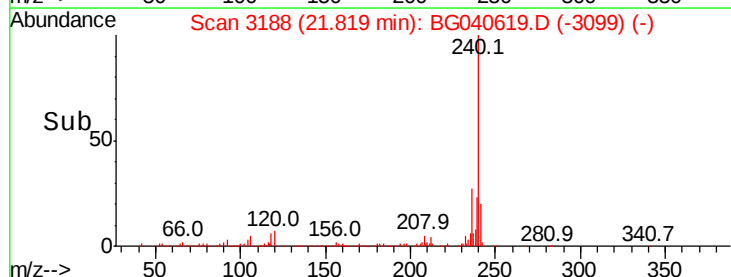
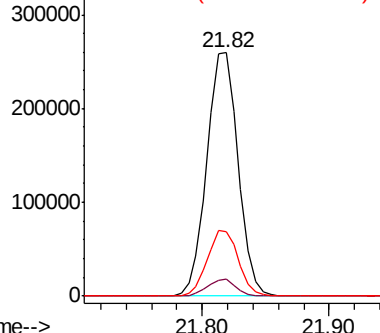
236 26.5 20.3 30.5

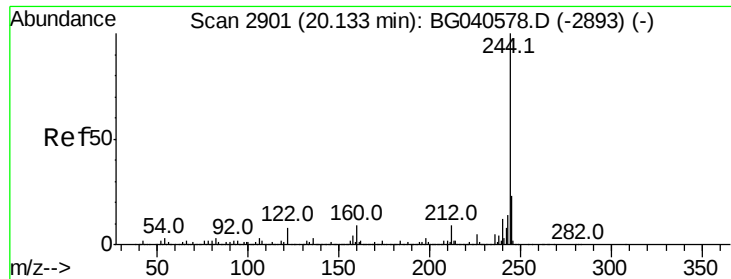


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

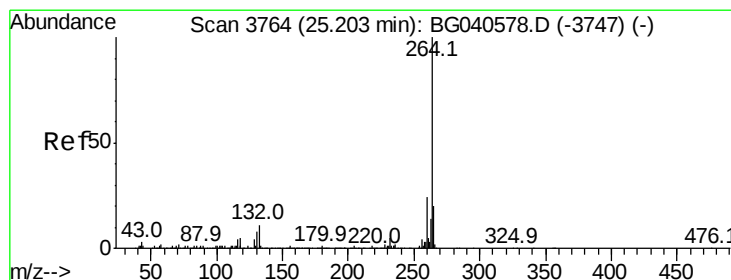
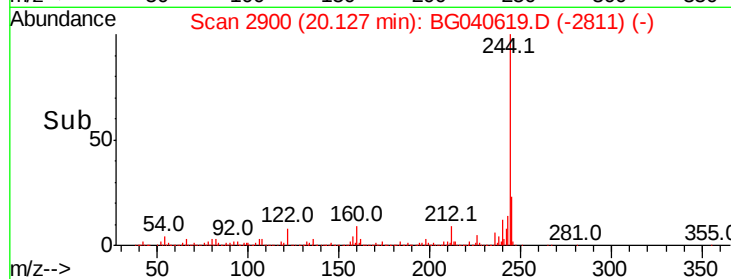
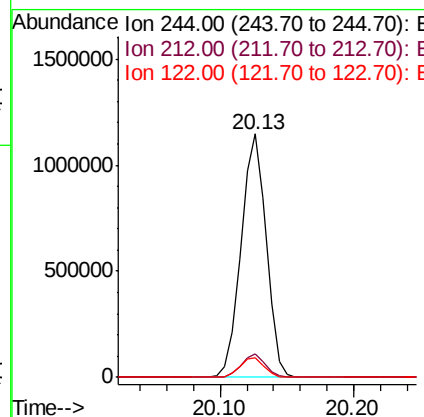
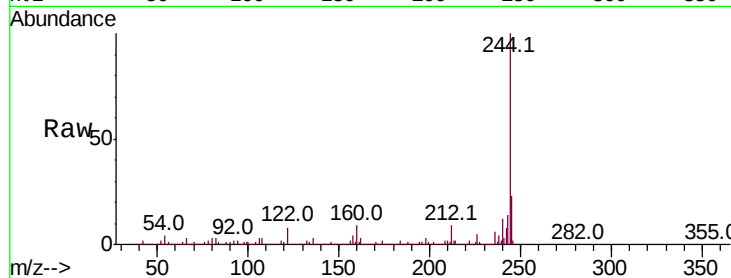




#79
 Terphenyl-d14
 Concen: 74.617 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Instrument :
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 S37-0017

Tot Ion:244 Resp: 1491334
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 8.1 6.6 10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG040619.D
 Acq: 25 Apr 2019 20:31

Tgt Ion:264 Resp: 463133
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 16.6 25.0

