

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040953.D
 Acq On : 30 May 2019 15:45
 Operator : HP/JU
 Sample : K2838-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FEQC-FB-051419

Quant Time: May 31 04:19:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67913	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	278118	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	197432	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	457540	20.00	ng	0.00
76) Chrysene-d12	21.78	240	438870	20.00	ng	0.00
87) Perylene-d12	25.12	264	475791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	241816	64.21	ng	0.00
7) Phenol-d6	7.27	99	228818	39.34	ng	0.00
23) Nitrobenzene-d5	9.31	82	561040	89.55	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	396890	135.41	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1288768	94.01	ng	0.00
79) Terphenyl-d14	20.09	244	1921827	92.94	ng	0.00

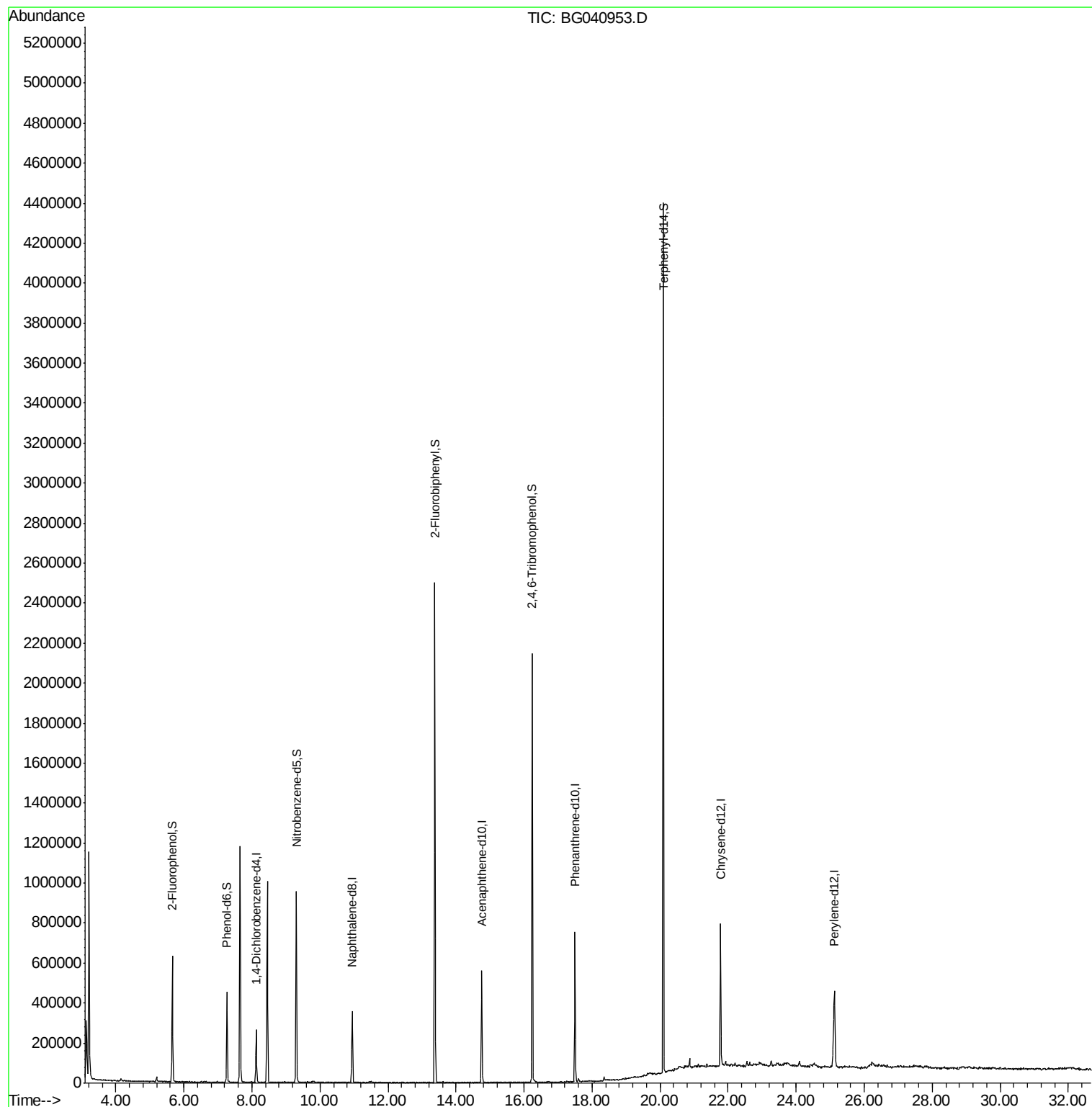
Target Compounds Qvalue

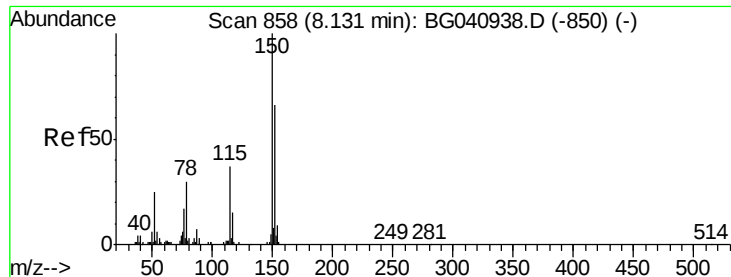
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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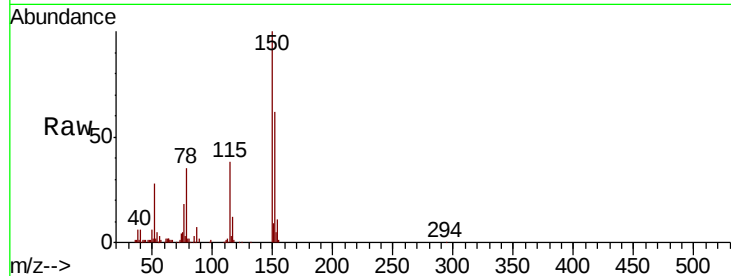


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040953.D
Acq: 30 May 2019 15:45

Instrument :
BNA_G
ClientSampleId :
FEQC-FB-051419

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	120.6	180.8
115	61.3	45.1	67.7

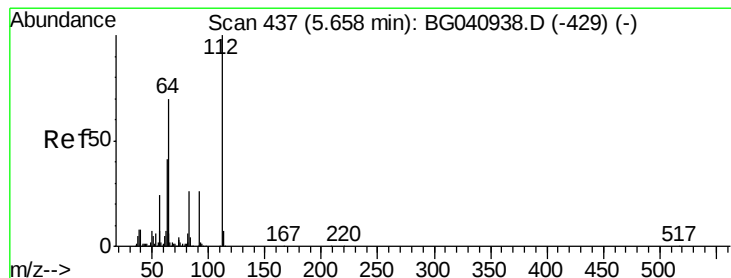
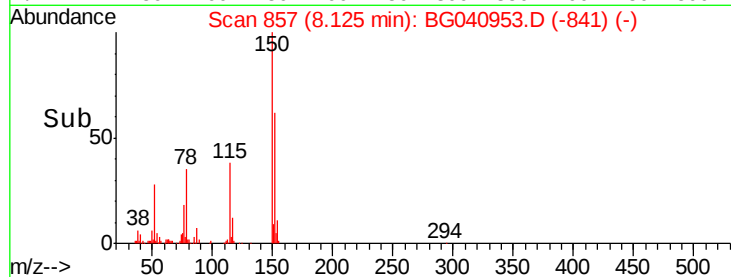
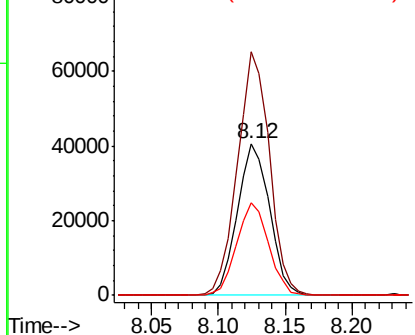


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

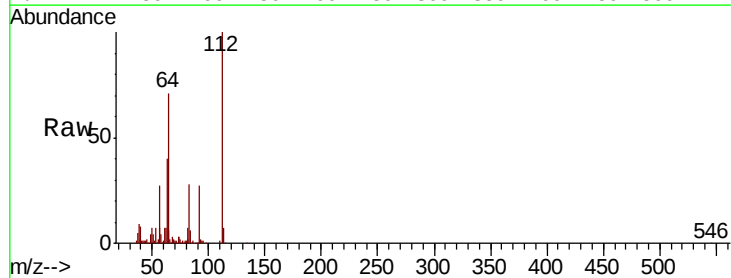
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.206 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG040953.D
Acq: 30 May 2019 15:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	56.2	84.2
63	40.4	32.8	49.2

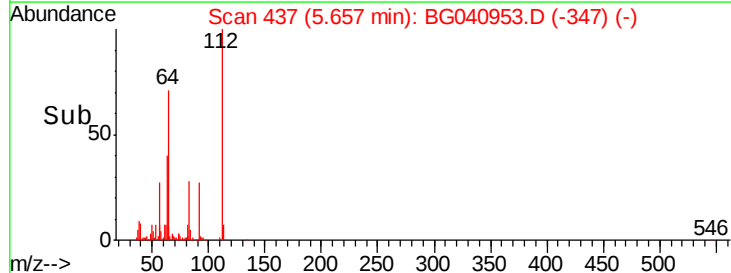
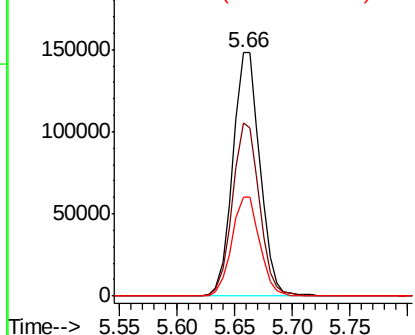


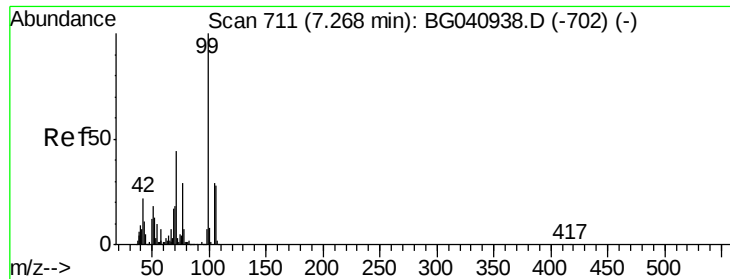
Abundance

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: 39.339 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040953.D

Acq: 30 May 2019 15:45

Instrument :

BNA_G

ClientSampleId :

FEQC-FB-051419

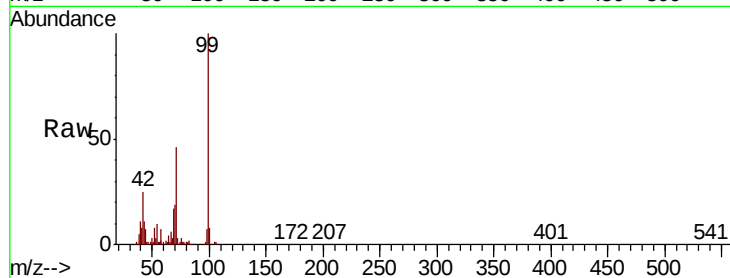
Tot Ion: 99 Resp: 228818

Ion Ratio Lower Upper

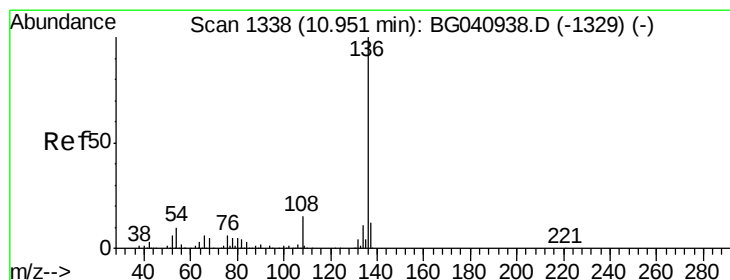
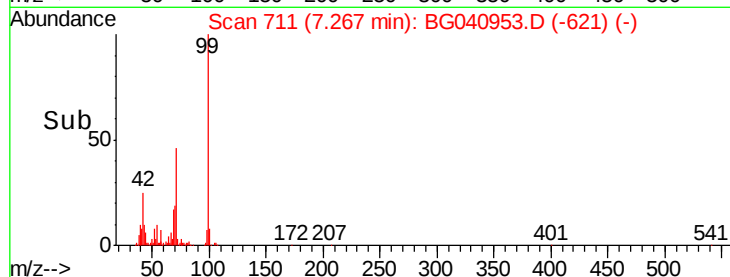
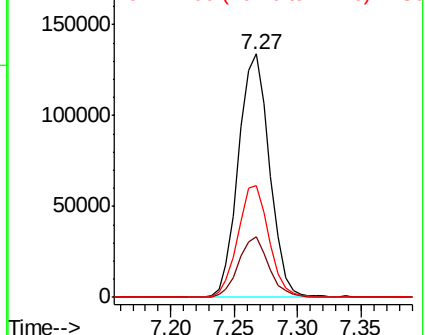
99 100

42 25.1 17.9 26.9

71 46.0 35.4 53.0



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: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040953.D

Acq: 30 May 2019 15:45

Tgt Ion: 136 Resp: 278118

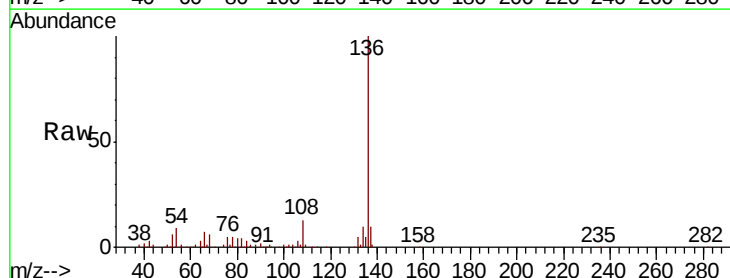
Ion Ratio Lower Upper

136 100

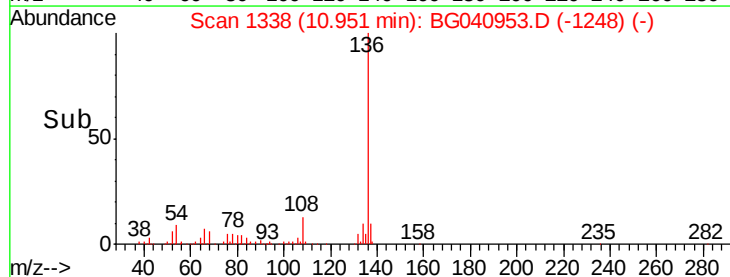
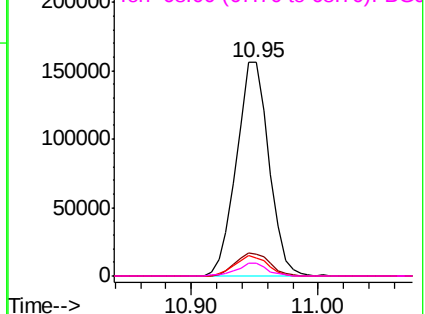
137 10.5 9.5 14.3

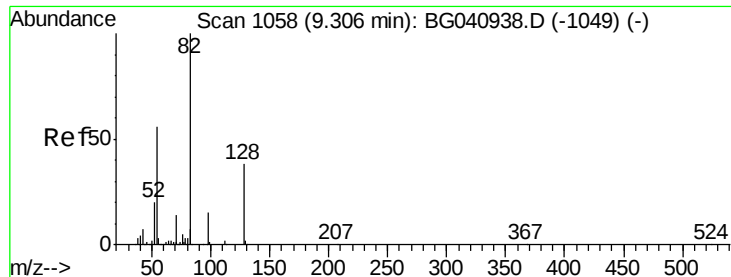
54 8.6 7.6 11.4

68 5.8 3.9 5.9



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

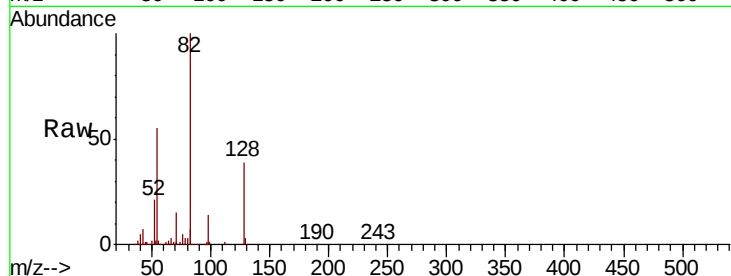




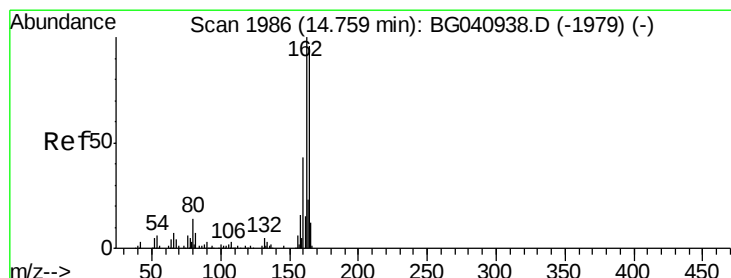
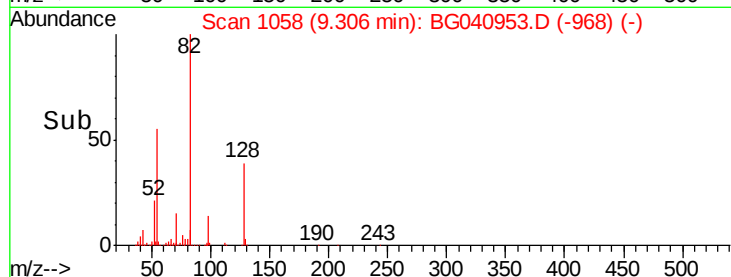
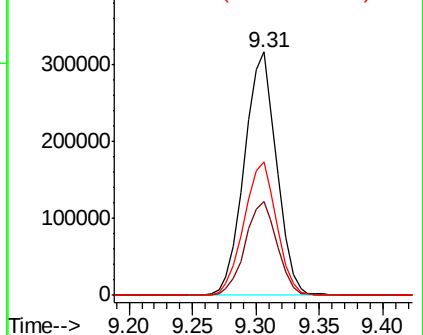
#23
 Nitrobenzene-d5
 Concen: 89.554 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040953.D
 Acq: 30 May 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 FEQC-FB-051419

Tot Ion	82	Resp	561040
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.5	45.7
54	54.8	44.6	66.8

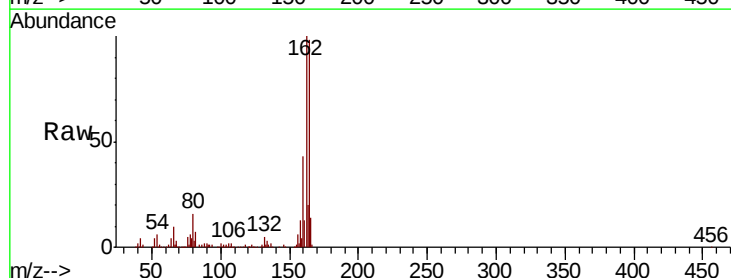


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

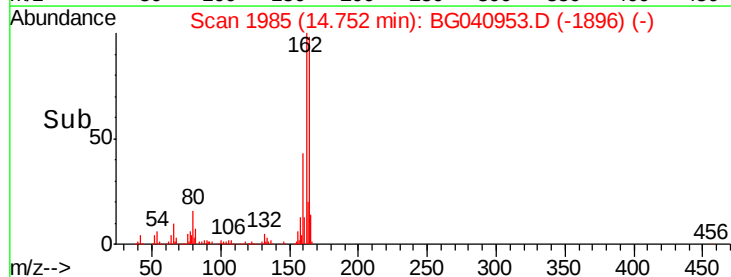
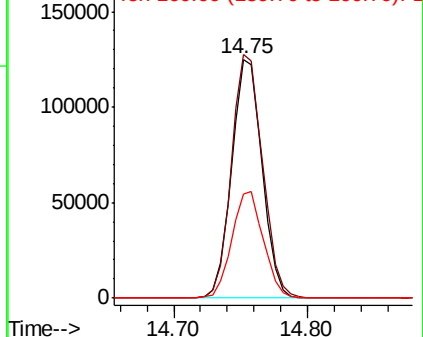


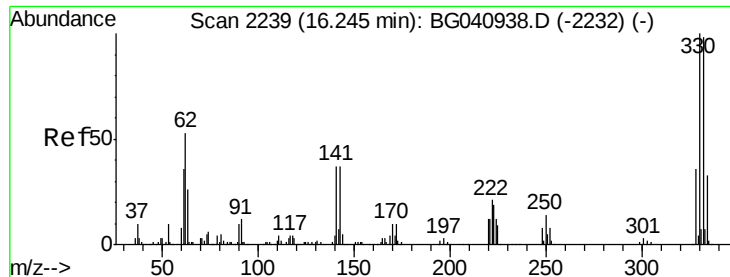
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG040953.D
 Acq: 30 May 2019 15:45

Tgt Ion	164	Resp	197432
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.0	124.4
160	43.9	35.6	53.4



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

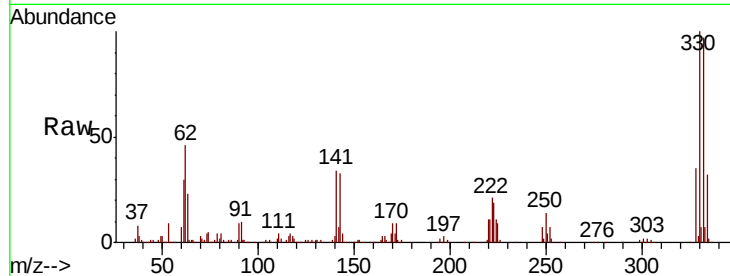




#42
 2,4,6-Tribromophenol
 Concen: 135.410 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG040953.D
 Acq: 30 May 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 FEQC-FB-051419

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.5	117.7
141	36.2	28.7	43.1

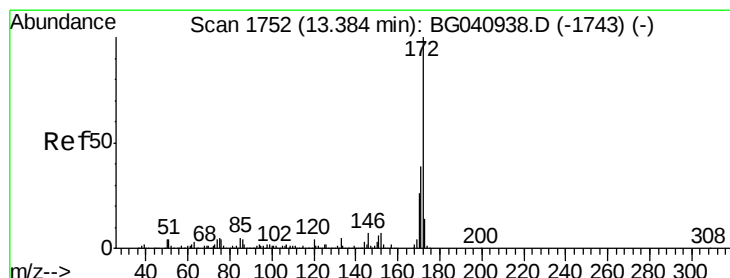
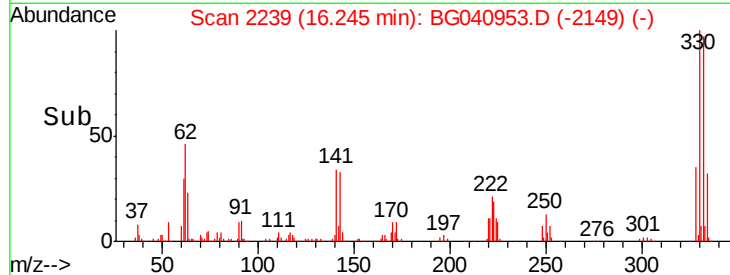
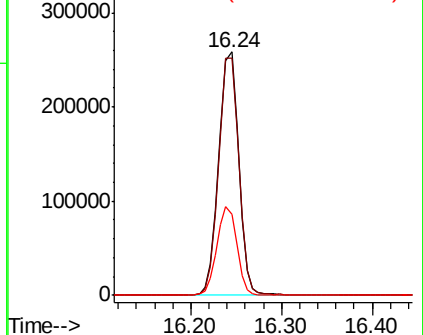


Abundance

Ion 329.80 (329.50 to 330.50): E

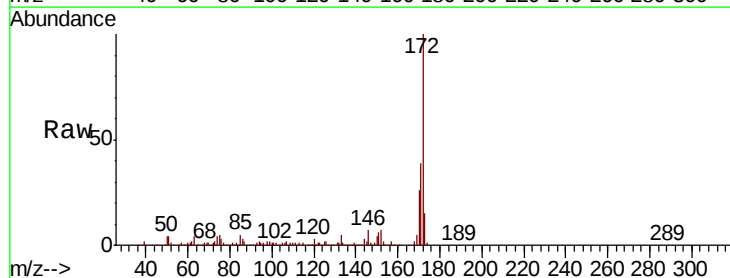
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.005 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG040953.D
 Acq: 30 May 2019 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	25.8	20.5	30.7

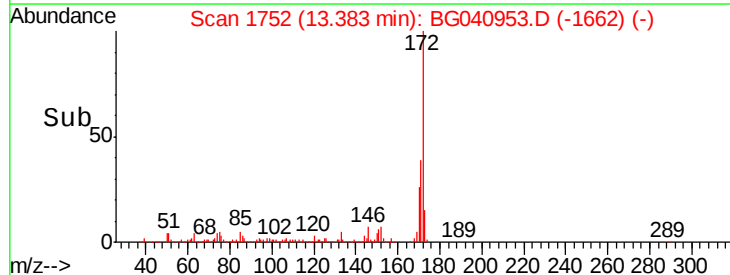
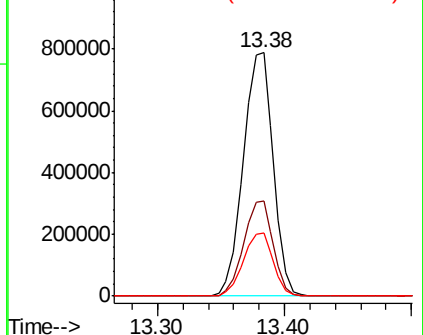


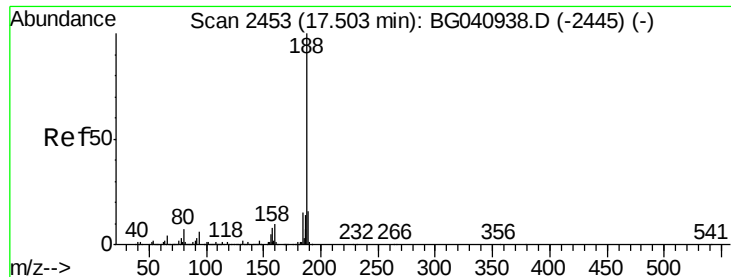
Abundance

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040953.D

Acq: 30 May 2019 15:45

Instrument :

BNA_G

ClientSampleId :

FEQC-FB-051419

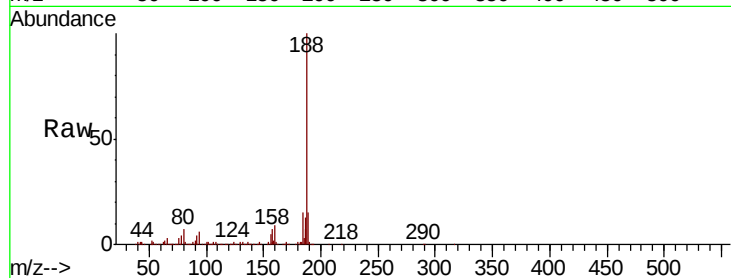
Tot Ion:188 Resp: 457540

Ion Ratio Lower Upper

188 100

94 6.4 4.7 7.1

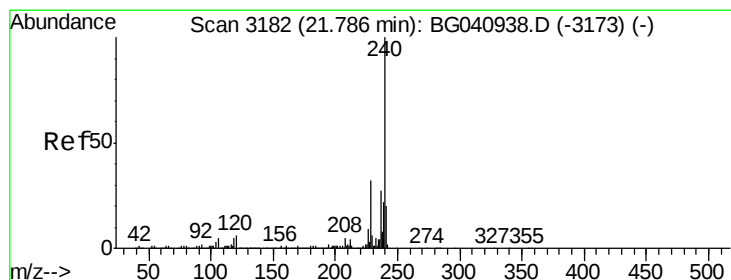
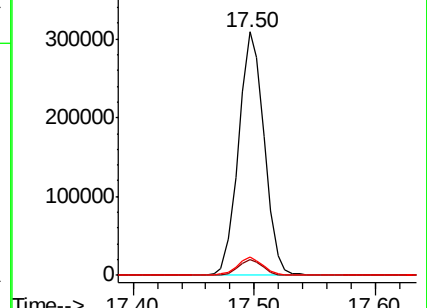
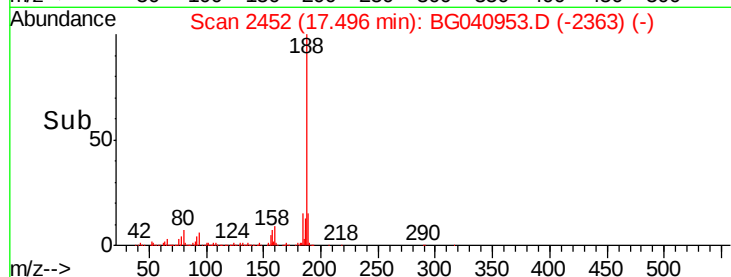
80 7.4 5.8 8.8



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040953.D

Acq: 30 May 2019 15:45

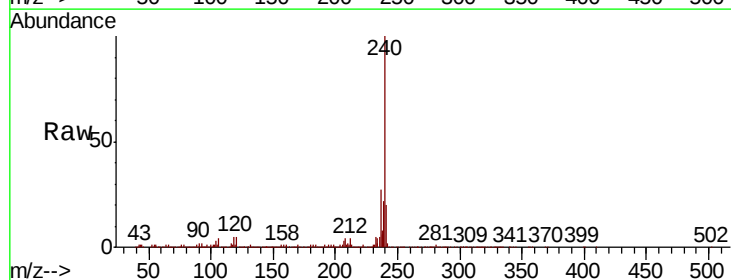
Tgt Ion:240 Resp: 438870

Ion Ratio Lower Upper

240 100

120 4.7 4.5 6.7

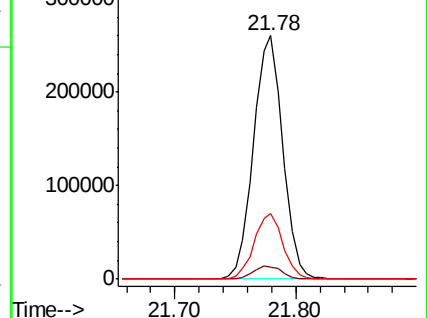
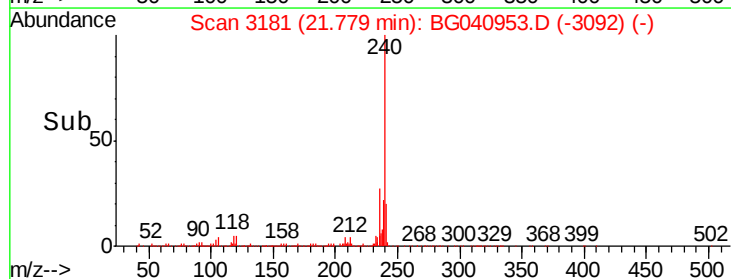
236 26.8 21.3 31.9

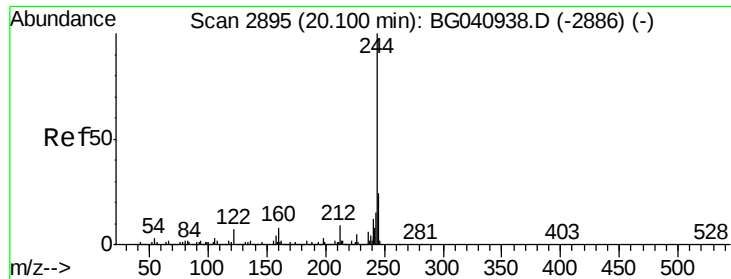


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.938 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040953.D

Acq: 30 May 2019 15:45

Instrument :

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ClientSampleId :

FEQC-FB-051419

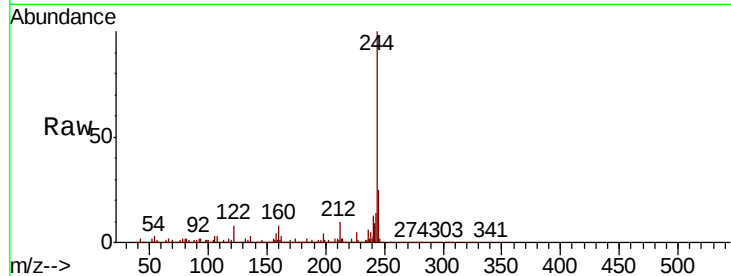
Tot Ion:244 Resp: 1921827

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.4

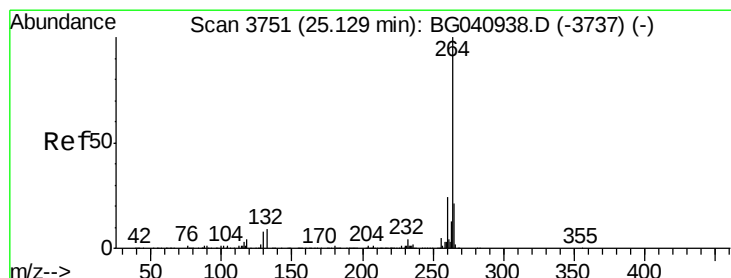
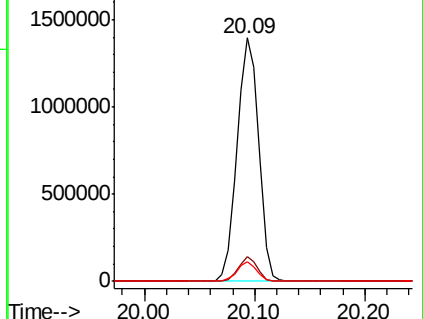
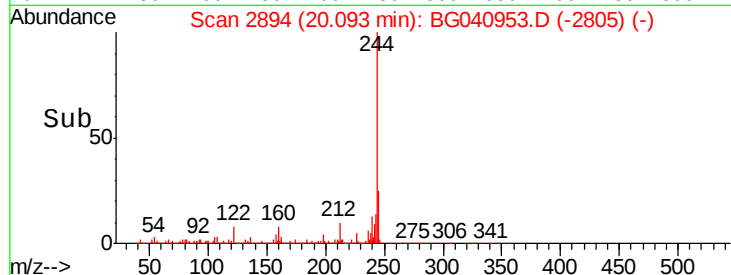
122 8.3 5.4 8.0#



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: 25.12 min Scan# 3750

Delta R.T. -0.01 min

Lab File: BG040953.D

Acq: 30 May 2019 15:45

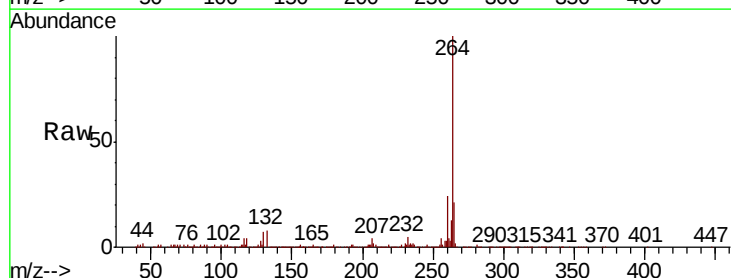
Tgt Ion:264 Resp: 475791

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 21.4 17.0 25.4



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

