

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042308.D
 Acq On : 18 Aug 2019 4:56
 Operator : HP/JU
 Sample : K4277-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20

Quant Time: Aug 19 08:08:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63256	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	234102	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	166915	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	403149	20.00	ng	0.00
76) Chrysene-d12	21.70	240	463789	20.00	ng	0.00
87) Perylene-d12	24.94	264	516923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	399370	122.84	ng	0.00
7) Phenol-d6	7.17	99	477436	108.93	ng	0.00
23) Nitrobenzene-d5	9.18	82	354456	104.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	344308	181.60	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1071491	113.22	ng	0.00
79) Terphenyl-d14	20.03	244	2039717	100.64	ng	0.00

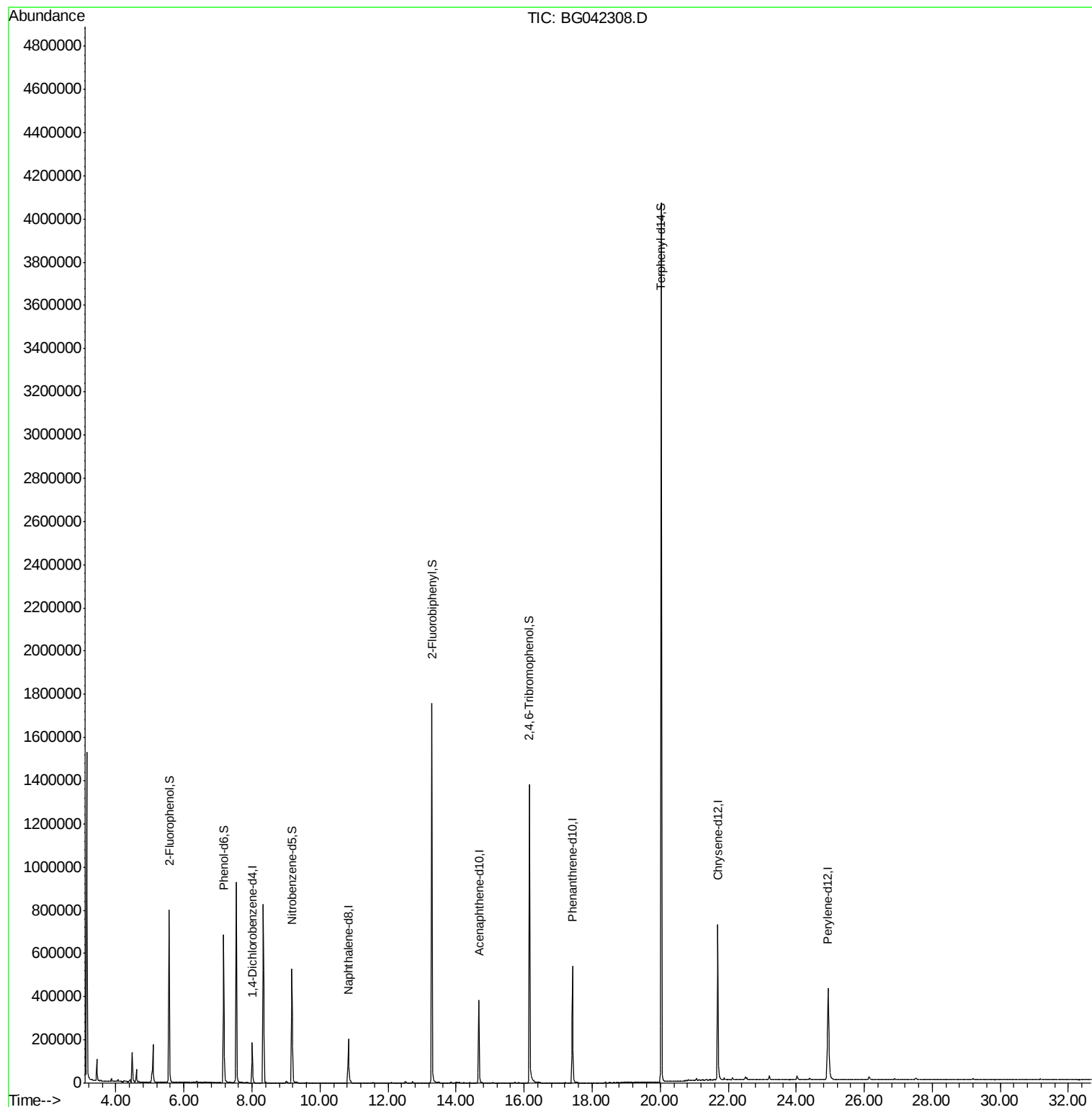
Target Compounds Qvalue

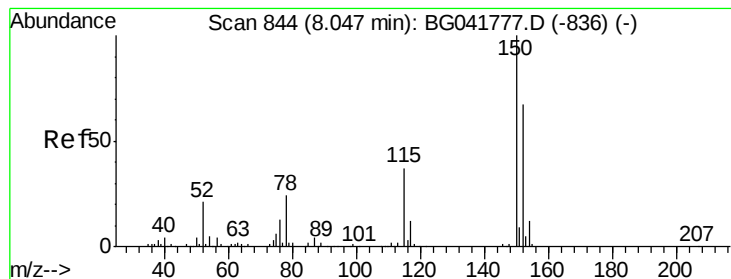
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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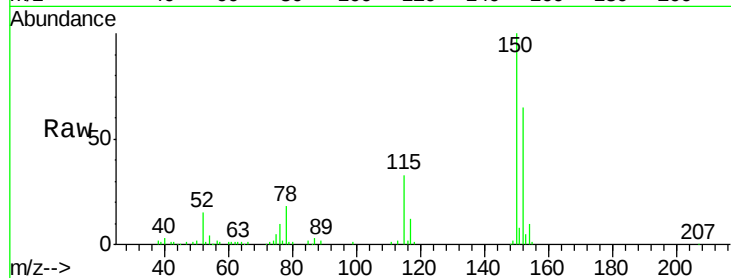


#1

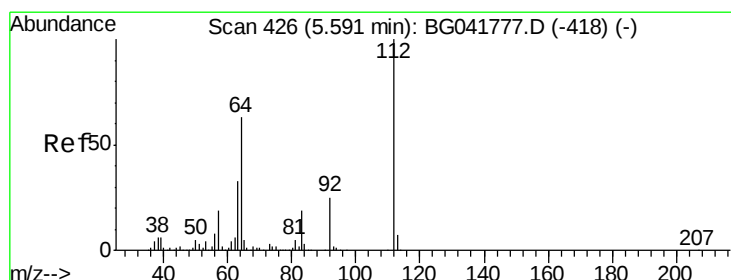
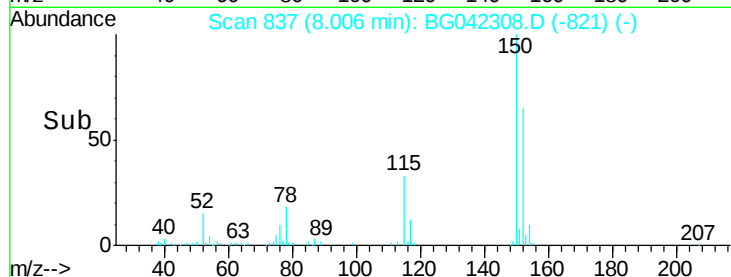
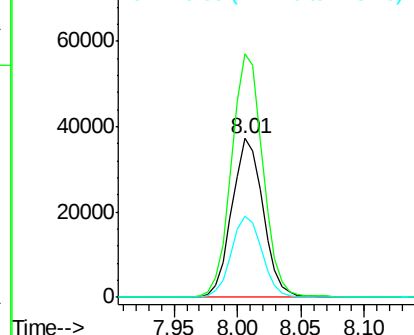
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.9	190.3
115	50.9	45.0	67.6



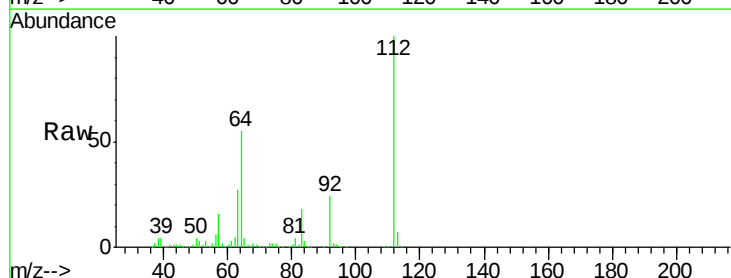
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



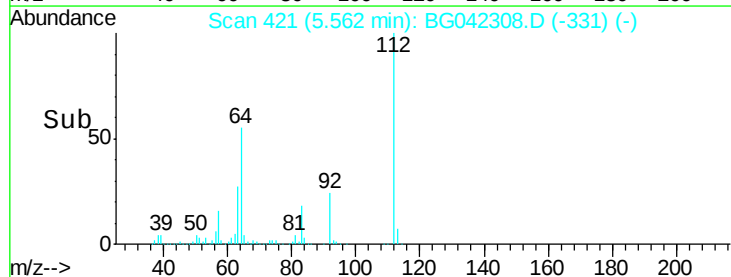
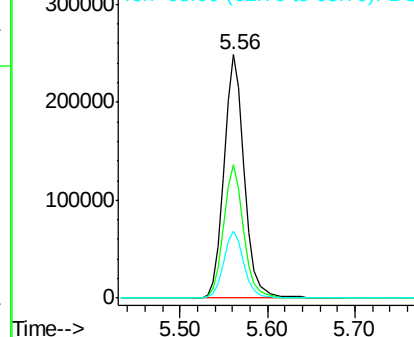
#5

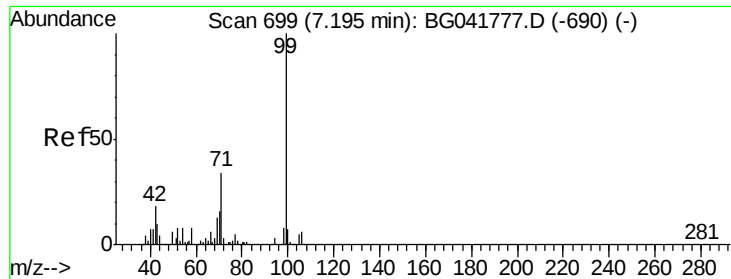
2-Fluorophenol
Concen: 122.838 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	55.4	83.2#
63	27.3	29.1	43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.926 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042308.D

Acq: 18 Aug 2019 4:56

Instrument :

BNA_G

ClientSampleId :

TP-20

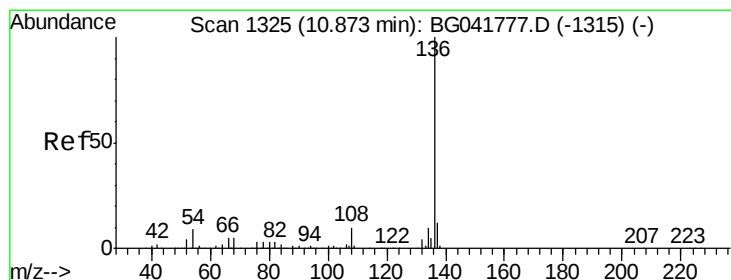
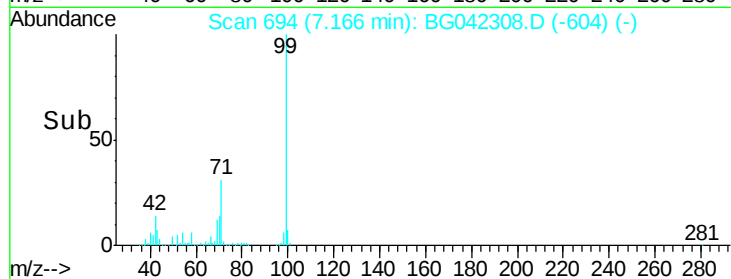
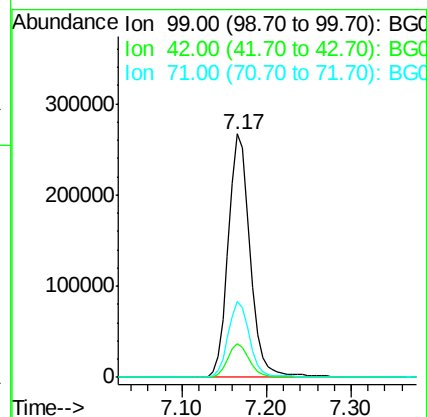
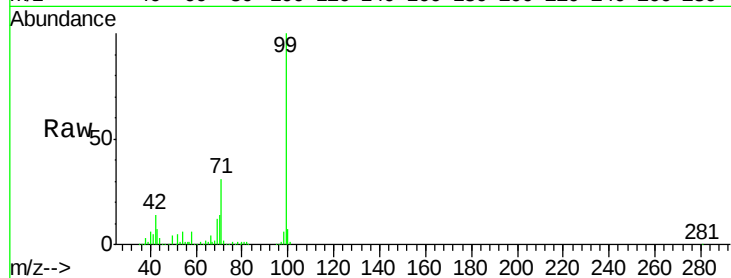
Tot Ion: 99 Resp: 477436

Ion Ratio Lower Upper

99 100

42 14.0 17.6 26.4#

71 31.4 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042308.D

Acq: 18 Aug 2019 4:56

Tgt Ion: 136 Resp: 234102

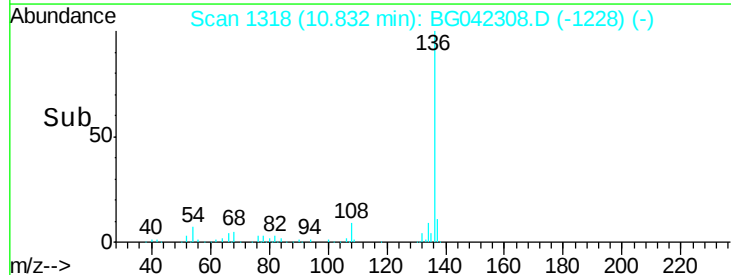
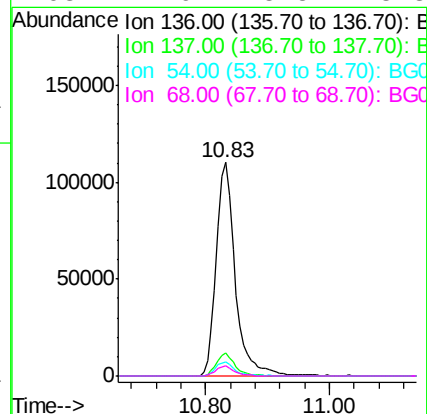
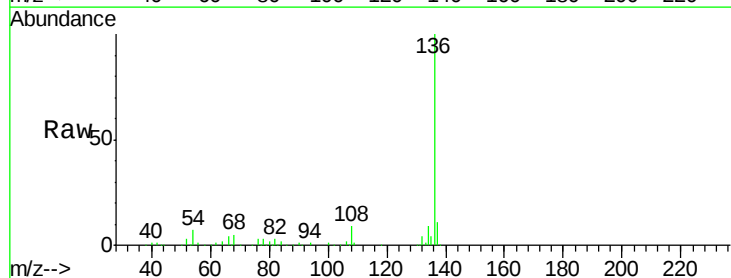
Ion Ratio Lower Upper

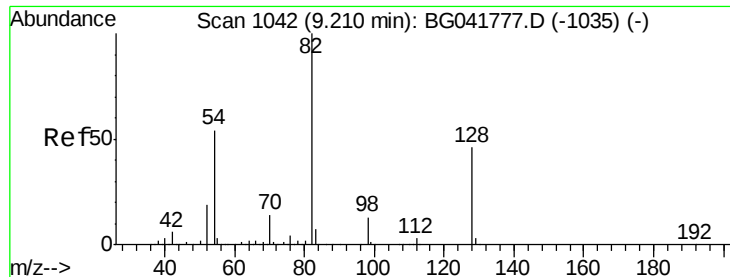
136 100

137 10.7 9.2 13.8

54 6.6 8.7 13.1#

68 4.9 5.5 8.3#

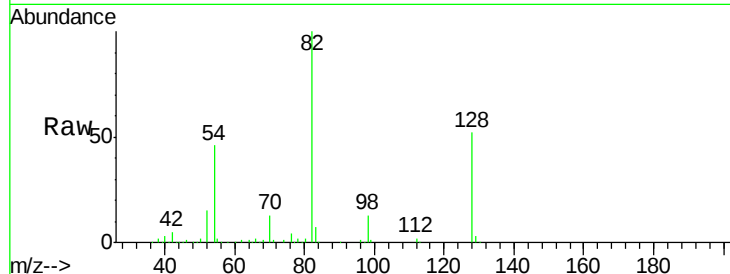




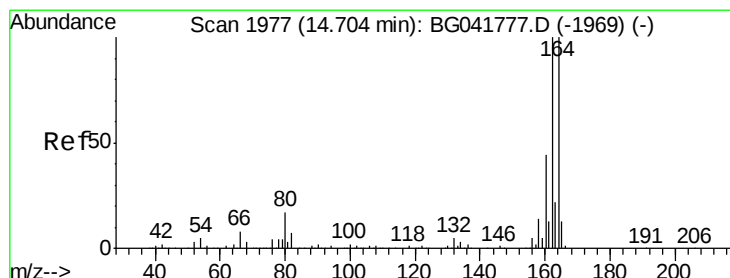
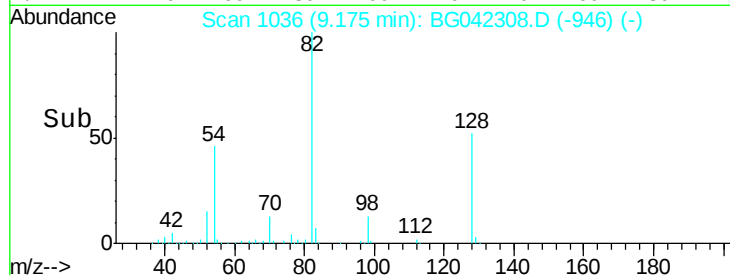
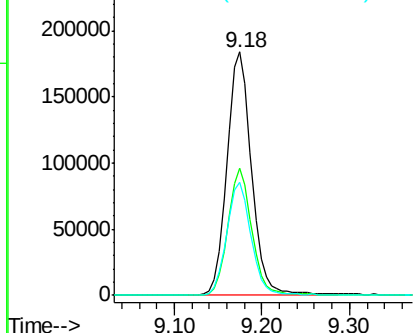
#23
 Nitrobenzene-d5
 Concen: 104.195 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042308.D
 Acq: 18 Aug 2019 4:56

Instrument :
 BNA_G
 ClientSampled :
 TP-20

Tot Ion	82	Resp	354456
Ion Ratio	Lower	Upper	
82	100		
128	52.3	35.1	52.7
54	46.2	48.7	73.1#

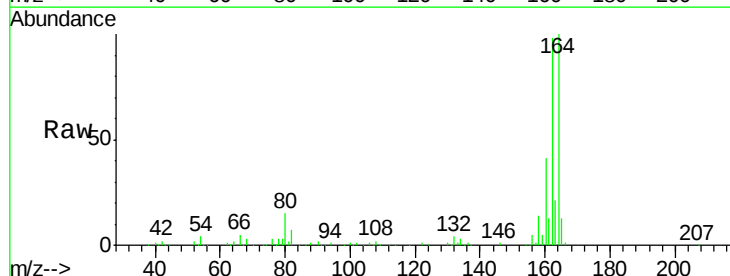


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

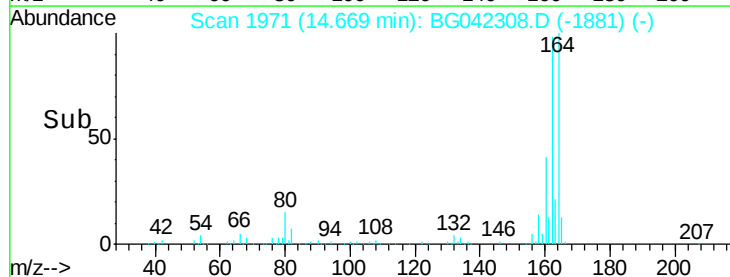
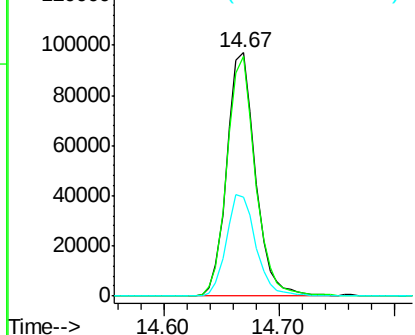


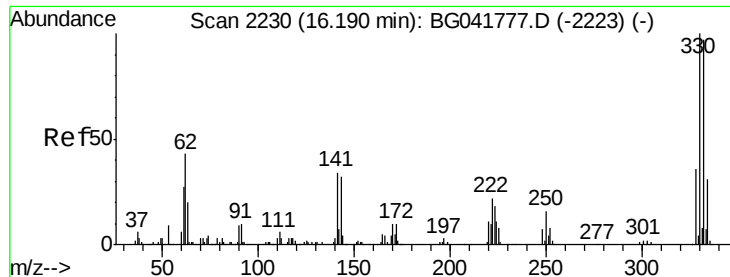
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG042308.D
 Acq: 18 Aug 2019 4:56

Tgt Ion	164	Resp	166915
Ion Ratio	Lower	Upper	
164	100		
162	98.2	79.6	119.4
160	40.9	35.4	53.0



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

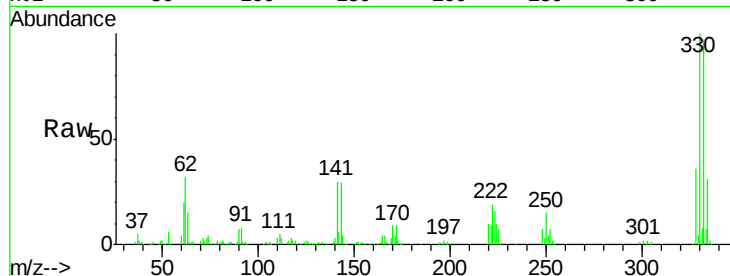




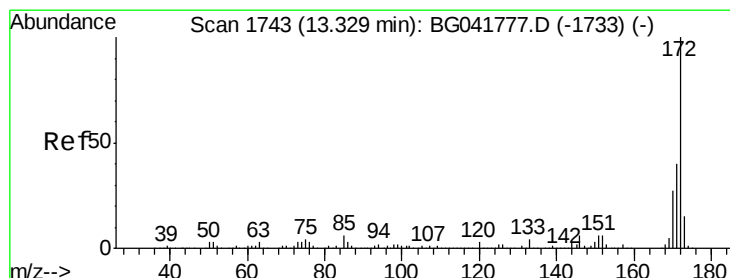
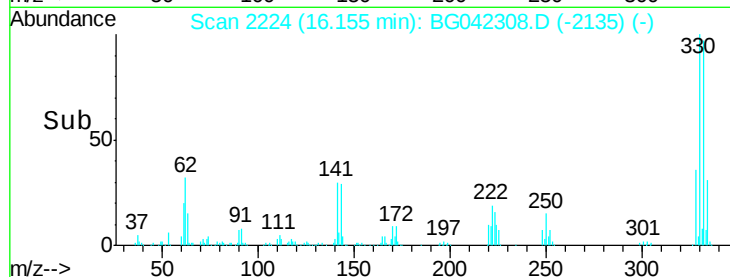
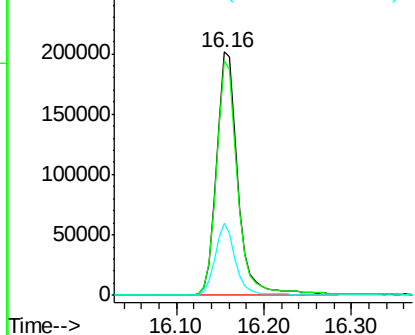
#42
 2,4,6-Tribromophenol
 Concen: 181.604 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042308.D
 Acq: 18 Aug 2019 4:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-20

Tot Ion:330 Resp: 344308
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 28.5 31.9 47.9#

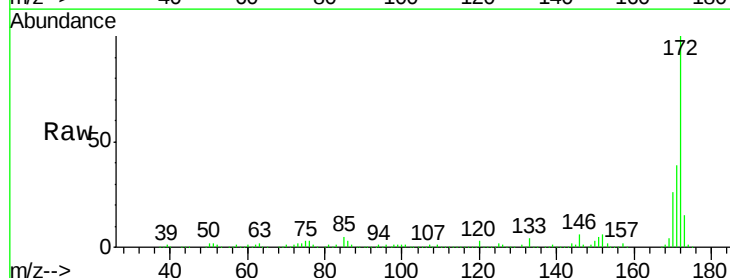


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

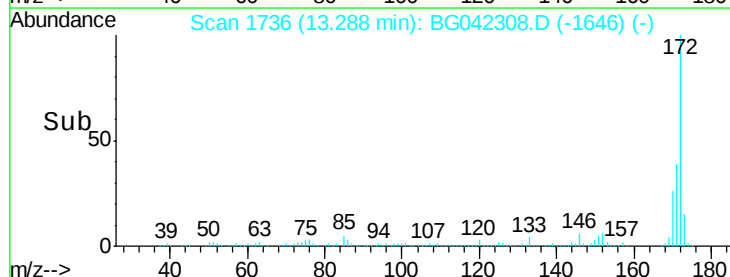
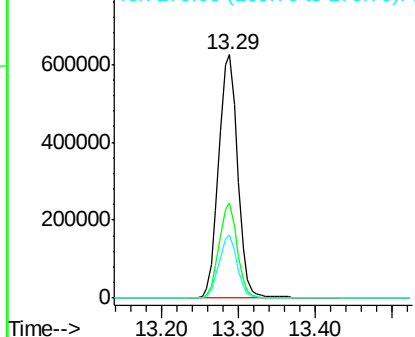


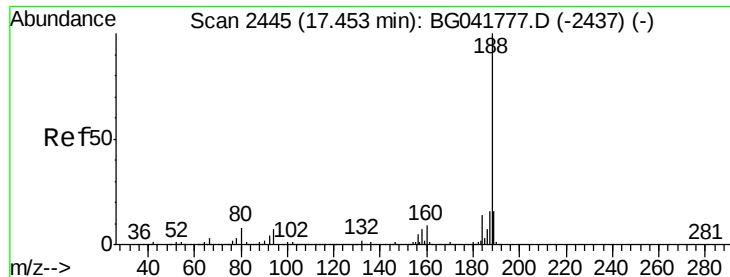
#45
 2-Fluorobiphenyl
 Concen: 113.220 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042308.D
 Acq: 18 Aug 2019 4:56

Tgt Ion:172 Resp: 1071491
 Ion Ratio Lower Upper
 172 100
 171 39.0 35.0 52.4
 170 26.1 23.5 35.3



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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042308.D

Acq: 18 Aug 2019 4:56

Instrument :

BNA_G

ClientSampleId :

TP-20

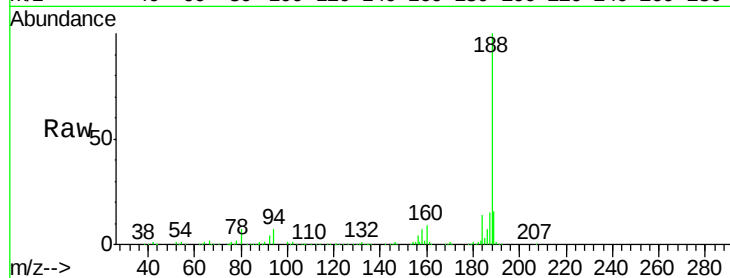
Tot Ion:188 Resp: 403149

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

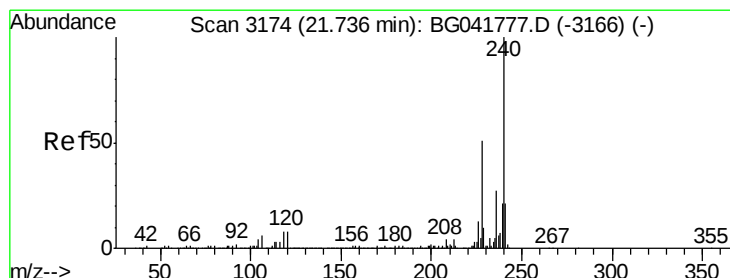
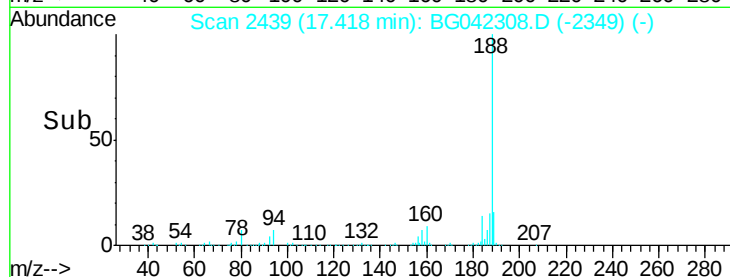
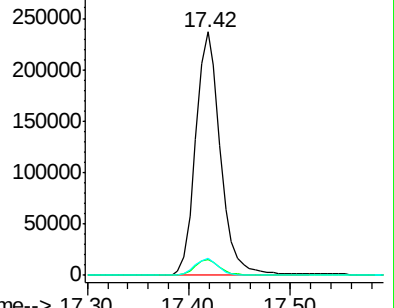
80 7.1 8.0 12.0#



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042308.D

Acq: 18 Aug 2019 4:56

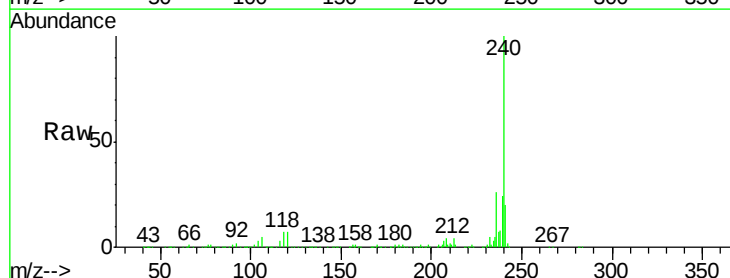
Tgt Ion:240 Resp: 463789

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

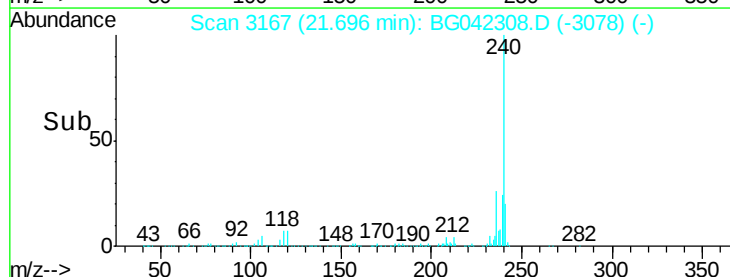
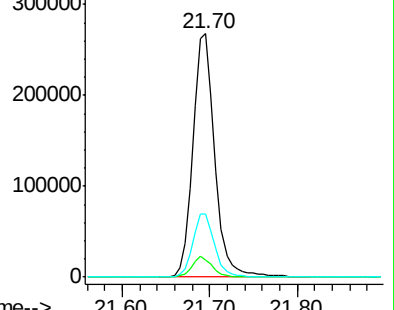
236 26.0 22.6 33.8

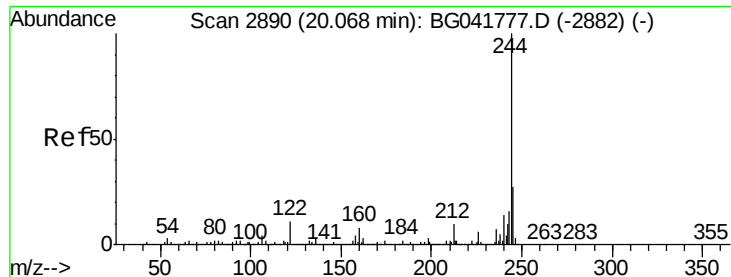


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.636 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042308.D

Acq: 18 Aug 2019 4:56

Instrument :

BNA_G

ClientSampled :

TP-20

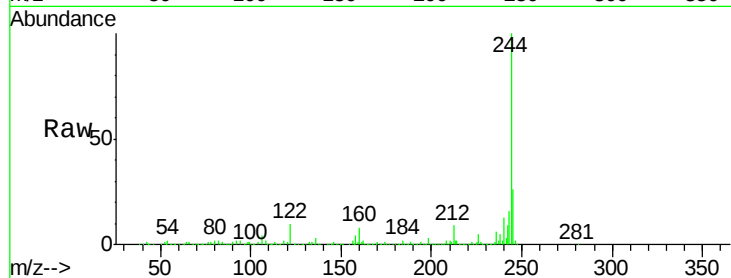
Tot Ion:244 Resp: 2039717

Ion Ratio Lower Upper

244 100

212 9.0 9.7 14.5#

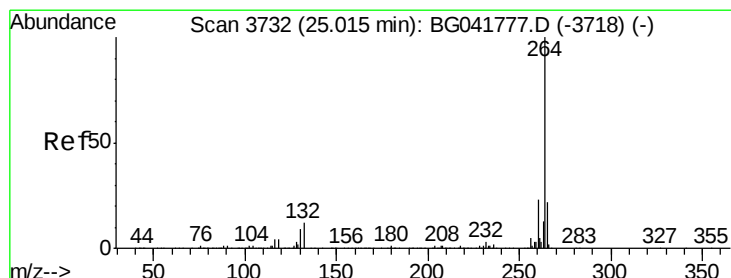
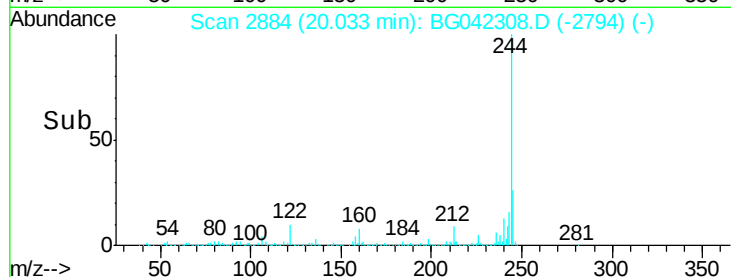
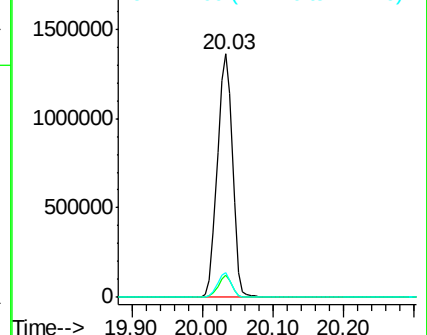
122 10.2 12.5 18.7#



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: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042308.D

Acq: 18 Aug 2019 4:56

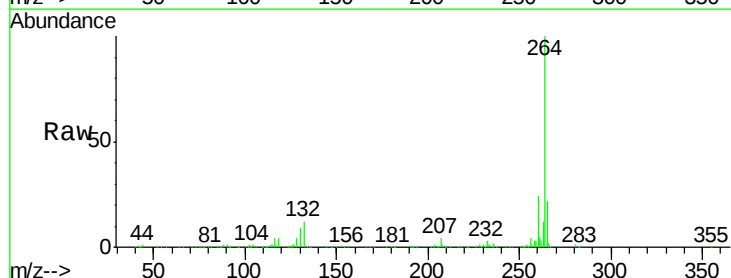
Tgt Ion:264 Resp: 516923

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 18.0 27.0



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

