

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041017.D
 Acq On : 1 Jun 2019 18:05
 Operator : HP/JU
 Sample : K3106-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 66-67-TRACK

Quant Time: Jun 03 03:51:30 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	61924	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	255986	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	182544	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	443086	20.00	ng	0.00
76) Chrysene-d12	21.77	240	443352	20.00	ng	-0.01
87) Perylene-d12	25.12	264	461258	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	207001	60.28	ng	0.00
7) Phenol-d6	7.26	99	187625	35.38	ng	0.00
23) Nitrobenzene-d5	9.30	82	490175	85.01	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	361764	133.49	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1144136	90.26	ng	0.00
79) Terphenyl-d14	20.09	244	1852690	88.69	ng	0.00

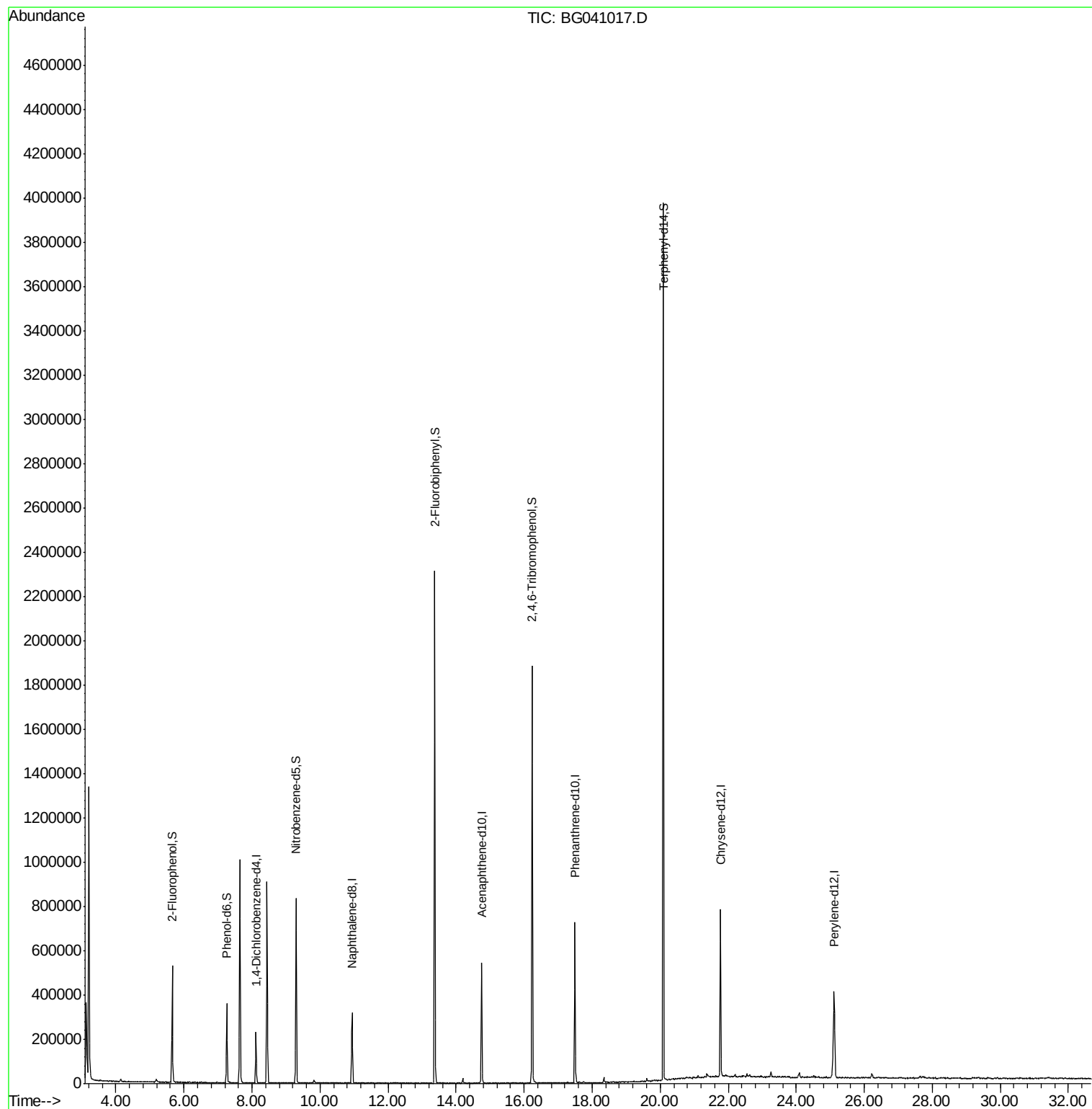
Target Compounds Qvalue

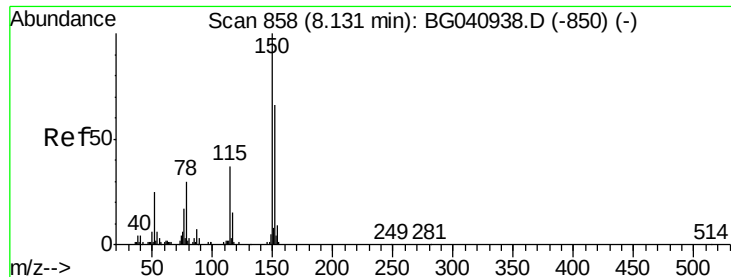
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

Instrument :

BNA_G

ClientSampleId :

66-67-TRACK

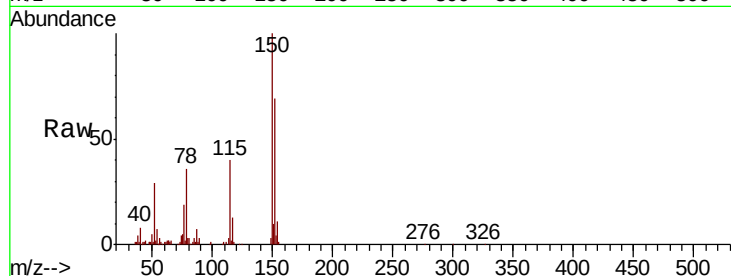
Tot Ion:152 Resp: 61924

Ion Ratio Lower Upper

152 100

150 145.0 120.6 180.8

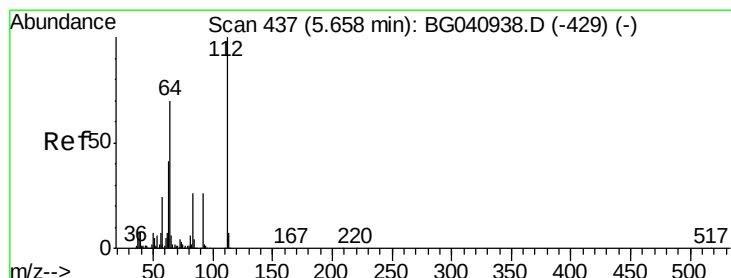
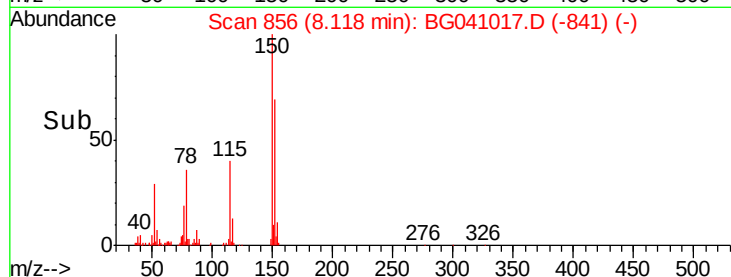
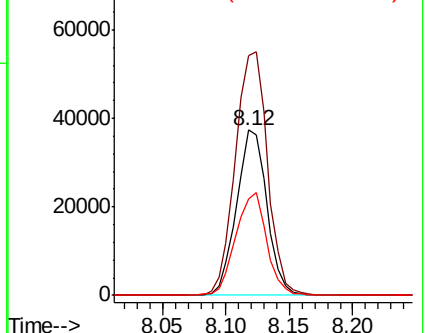
115 58.5 45.1 67.7



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: 60.278 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

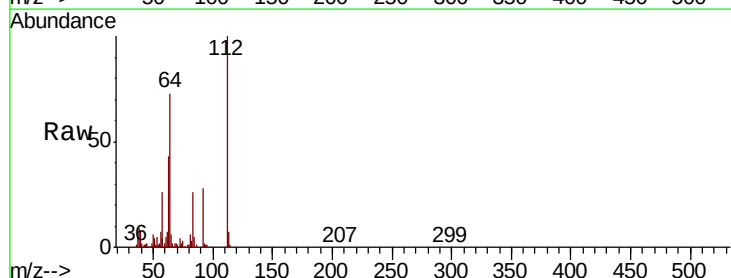
Tgt Ion:112 Resp: 207001

Ion Ratio Lower Upper

112 100

64 73.2 56.2 84.2

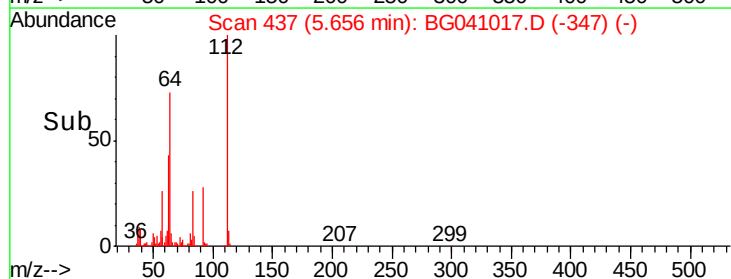
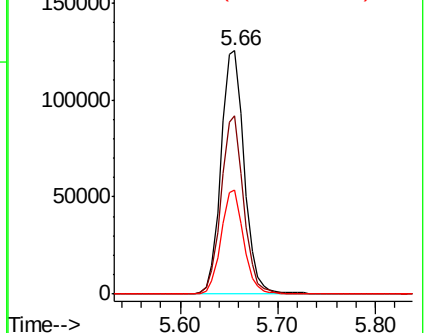
63 43.0 32.8 49.2

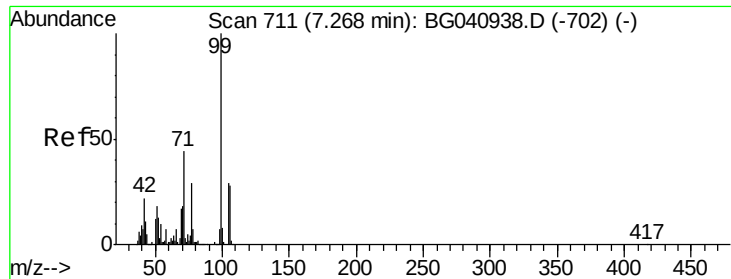


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.377 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

Instrument :

BNA_G

ClientSampleId :

66-67-TRACK

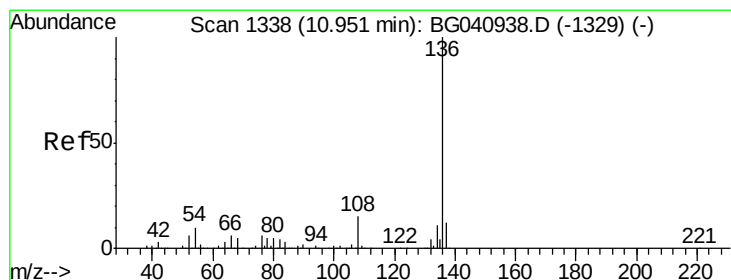
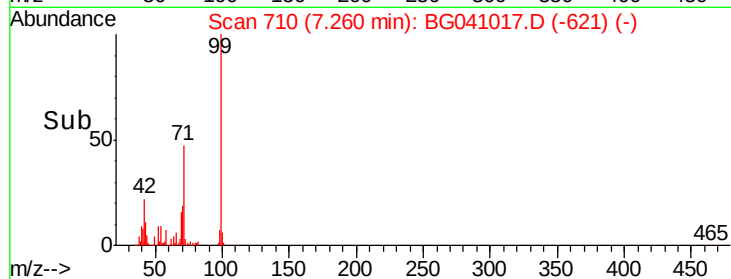
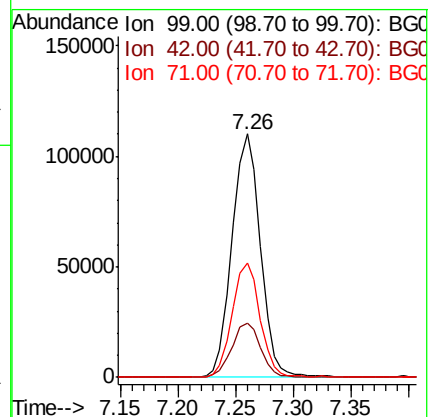
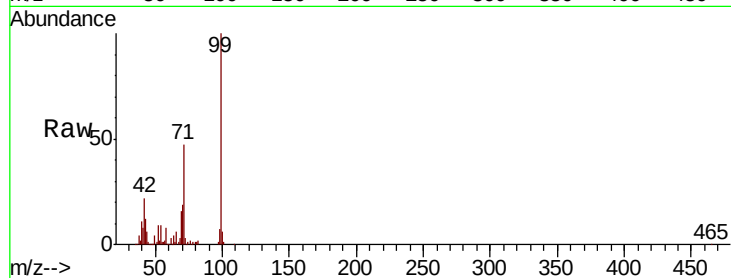
Tot Ion: 99 Resp: 187625

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

71 46.9 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

Tgt Ion: 136 Resp: 255986

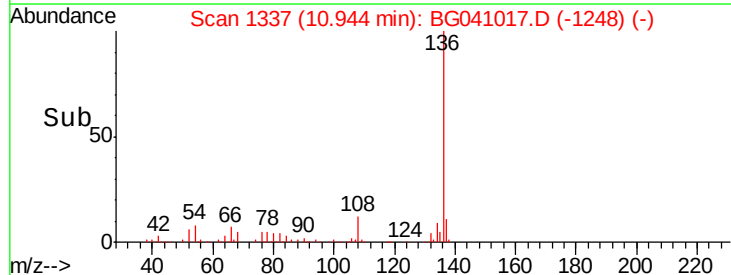
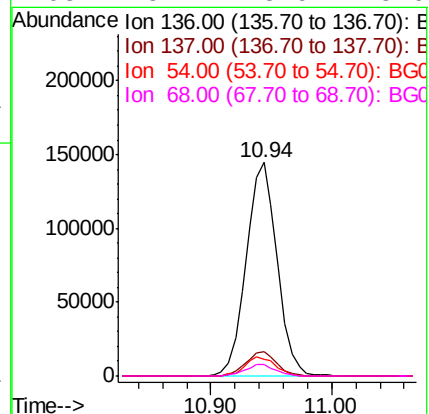
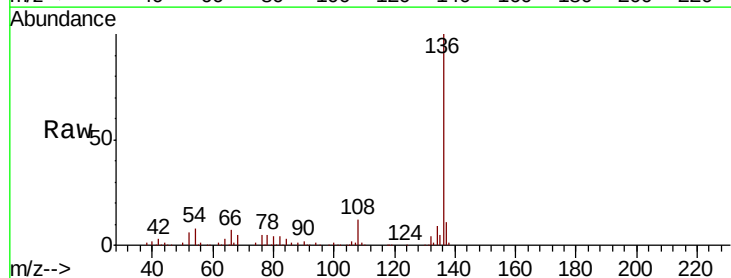
Ion Ratio Lower Upper

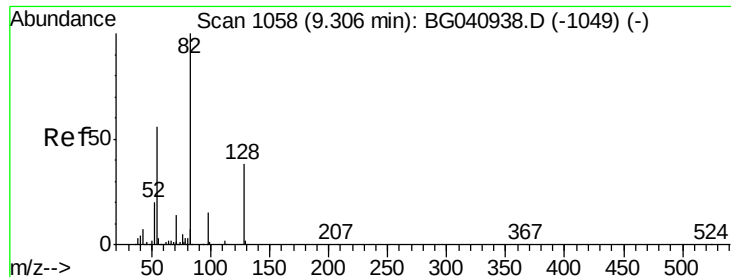
136 100

137 11.4 9.5 14.3

54 7.7 7.6 11.4

68 5.2 3.9 5.9

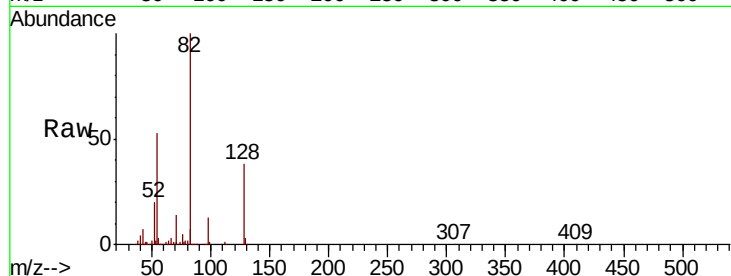




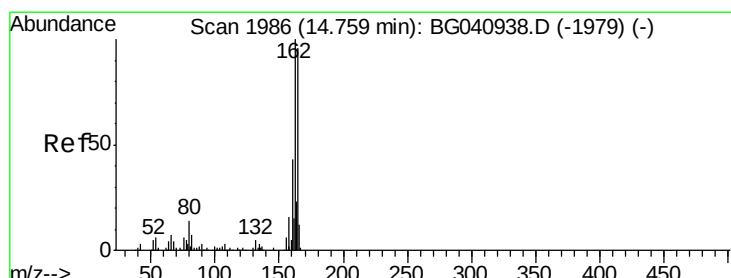
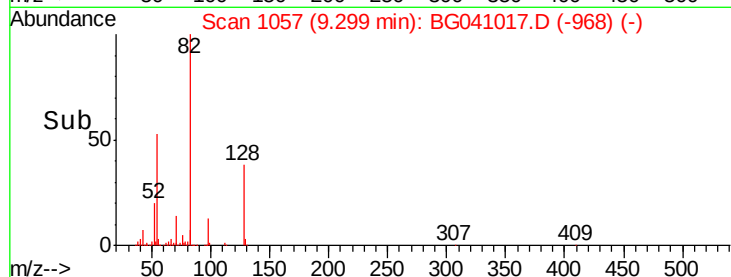
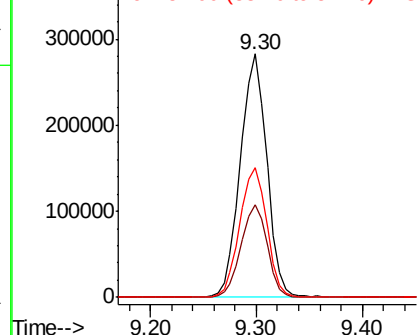
#23
Nitrobenzene-d5
Concen: 85.007 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041017.D
Acq: 1 Jun 2019 18:05

Instrument :
BNA_G
ClientSampleId :
66-67-TRACK

Tot Ion	82	Resp	490175
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.5	45.7
54	53.2	44.6	66.8

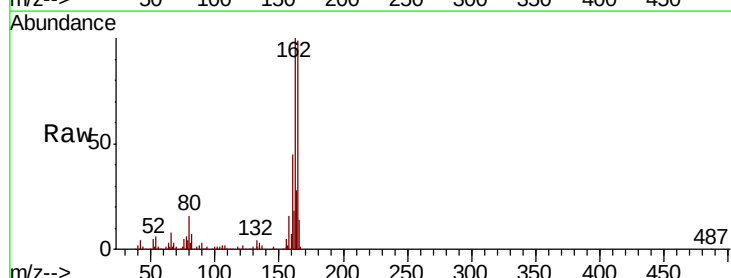


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

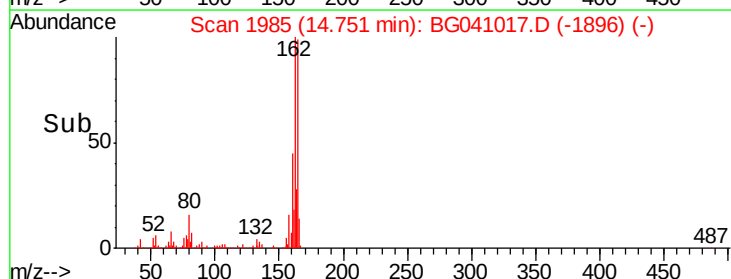
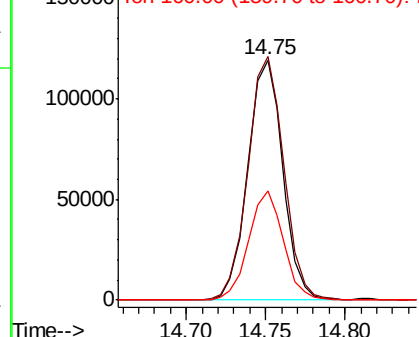


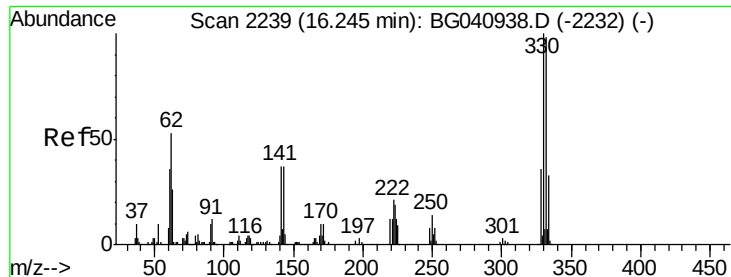
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041017.D
Acq: 1 Jun 2019 18:05

Tgt Ion	164	Resp	182544
Ion Ratio	Lower	Upper	
164	100		
162	101.4	83.0	124.4
160	45.6	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

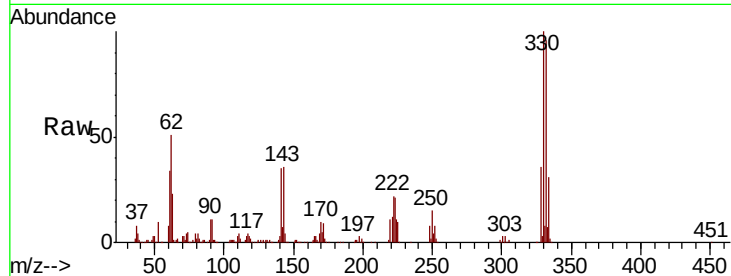




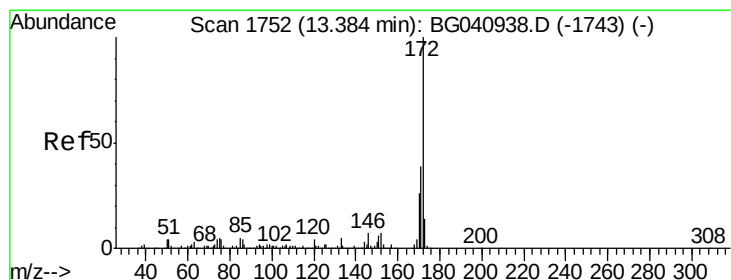
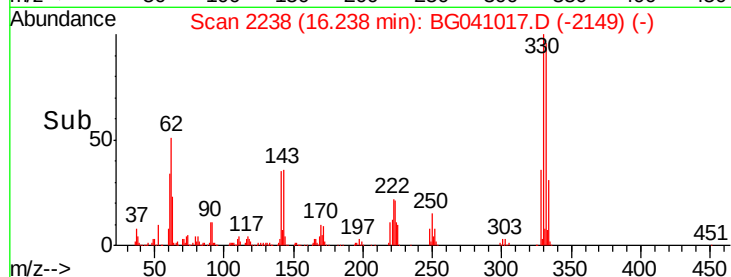
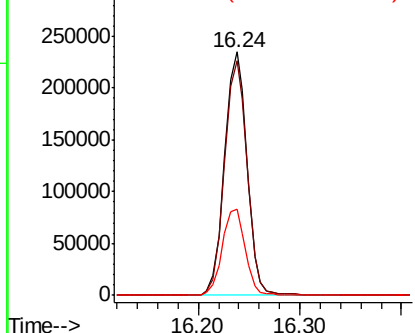
#42
2,4,6-Tribromophenol
Concen: 133.493 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041017.D
Acq: 1 Jun 2019 18:05

Instrument :
BNA_G
ClientSampleId :
66-67-TRACK

Tot Ion:330 Resp: 361764
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 36.3 28.7 43.1

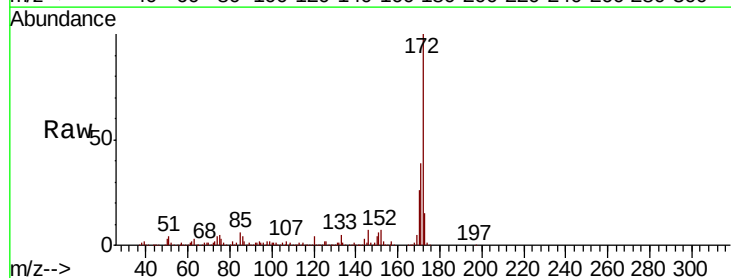


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

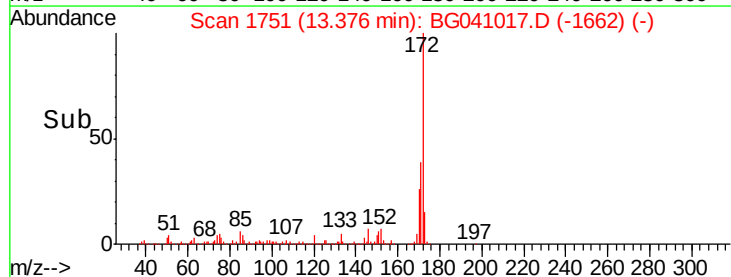
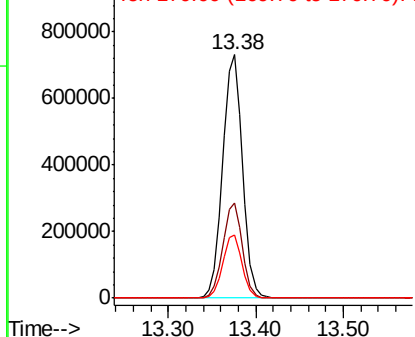


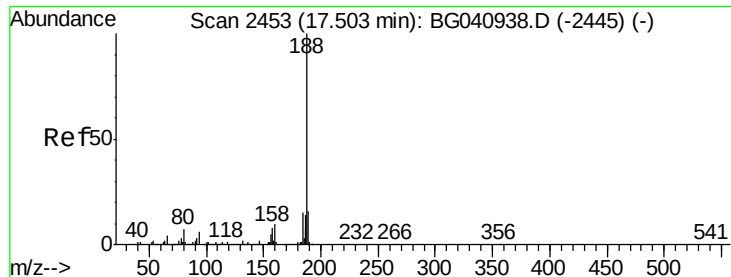
#45
2-Fluorobiphenyl
Concen: 90.262 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041017.D
Acq: 1 Jun 2019 18:05

Tgt Ion:172 Resp: 1144136
Ion Ratio Lower Upper
172 100
171 38.9 31.1 46.7
170 26.0 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: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

Instrument :

BNA_G

ClientSampleId :

66-67-TRACK

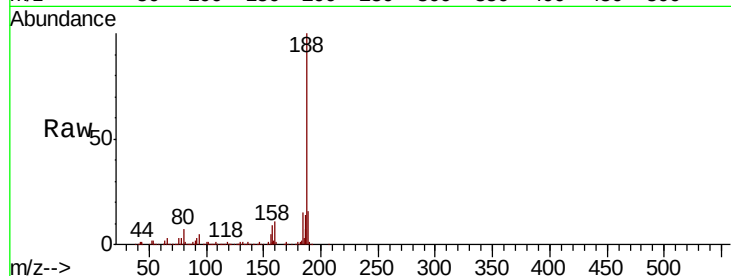
Tot Ion:188 Resp: 443086

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

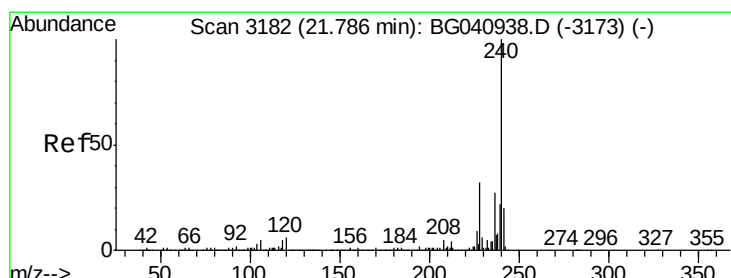
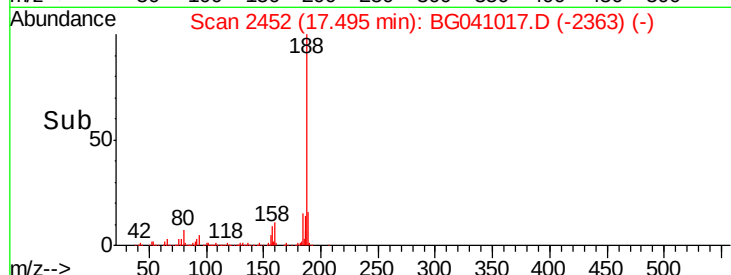
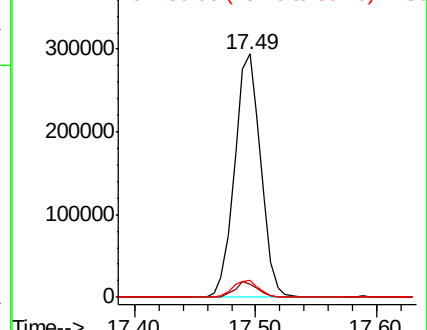
80 6.8 5.8 8.8



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: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

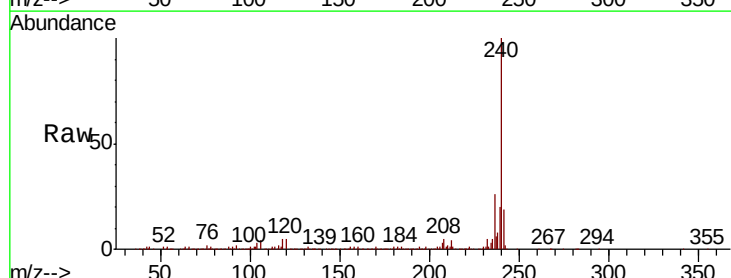
Tgt Ion:240 Resp: 443352

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

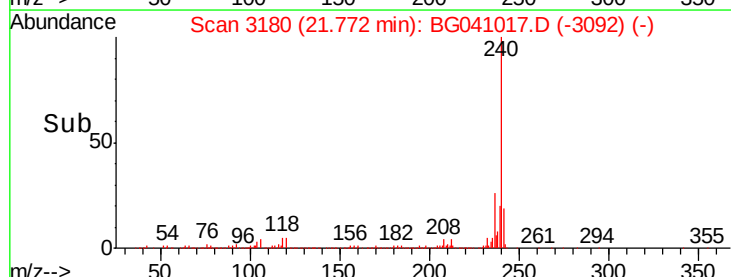
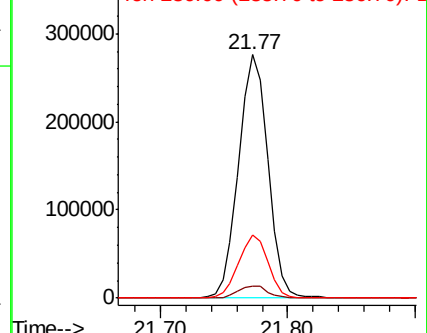
236 26.0 21.3 31.9

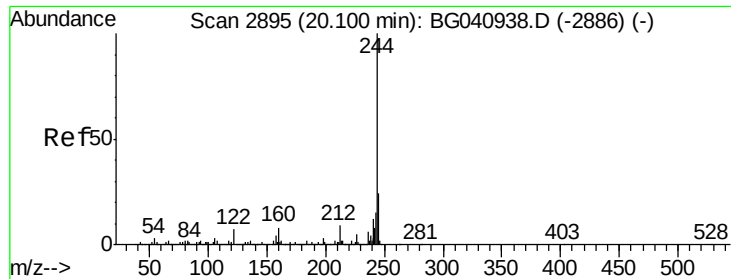


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.689 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

Instrument :

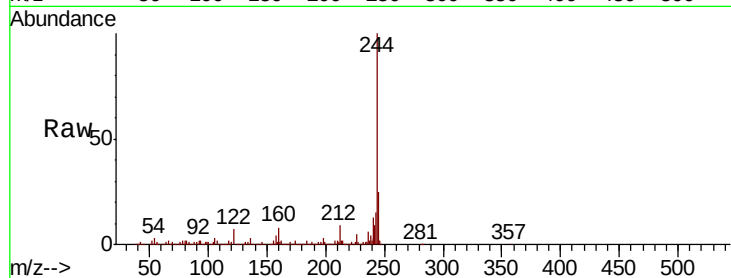
BNA_G

ClientSampleId :

66-67-TRACK

Tot Ion:244 Resp: 1852690

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	7.5	5.4	8.0

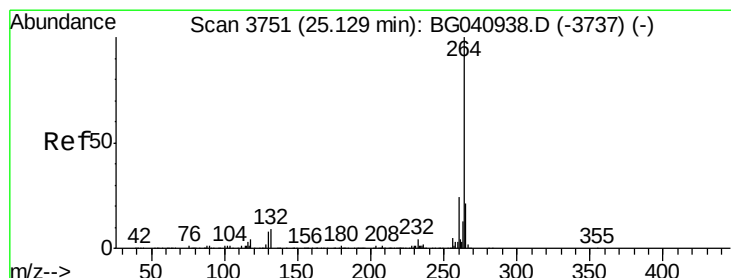
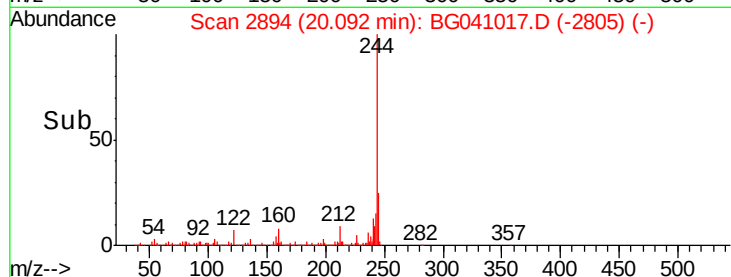
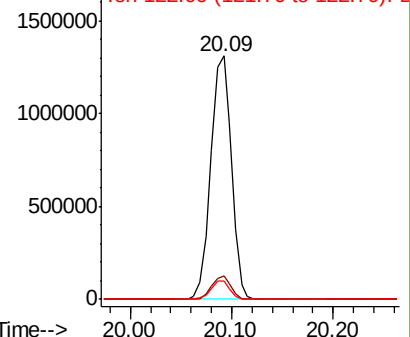


Abundance

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# 3749

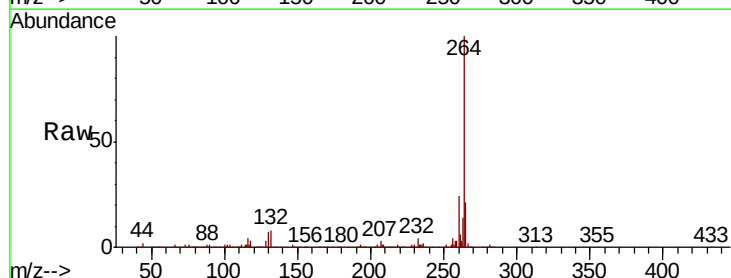
Delta R.T. -0.01 min

Lab File: BG041017.D

Acq: 1 Jun 2019 18:05

Tgt Ion:264 Resp: 461258

Ion	Ratio	Lower	Upper
264	100		
260	24.0	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

