

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041103.D
 Acq On : 7 Jun 2019 16:02
 Operator : HP/JU
 Sample : K3203-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-190604

Quant Time: Jun 08 17:53:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37686	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	154951	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	125832	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	334217	20.00	ng	0.00
76) Chrysene-d12	21.75	240	327513	20.00	ng	0.00
87) Perylene-d12	25.08	264	341012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	81076	38.79	ng	0.00
7) Phenol-d6	7.25	99	82077	25.43	ng	0.00
23) Nitrobenzene-d5	9.29	82	255770	73.28	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	198132	106.06	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	658275	75.34	ng	0.00
79) Terphenyl-d14	20.07	244	1186128	76.86	ng	0.00

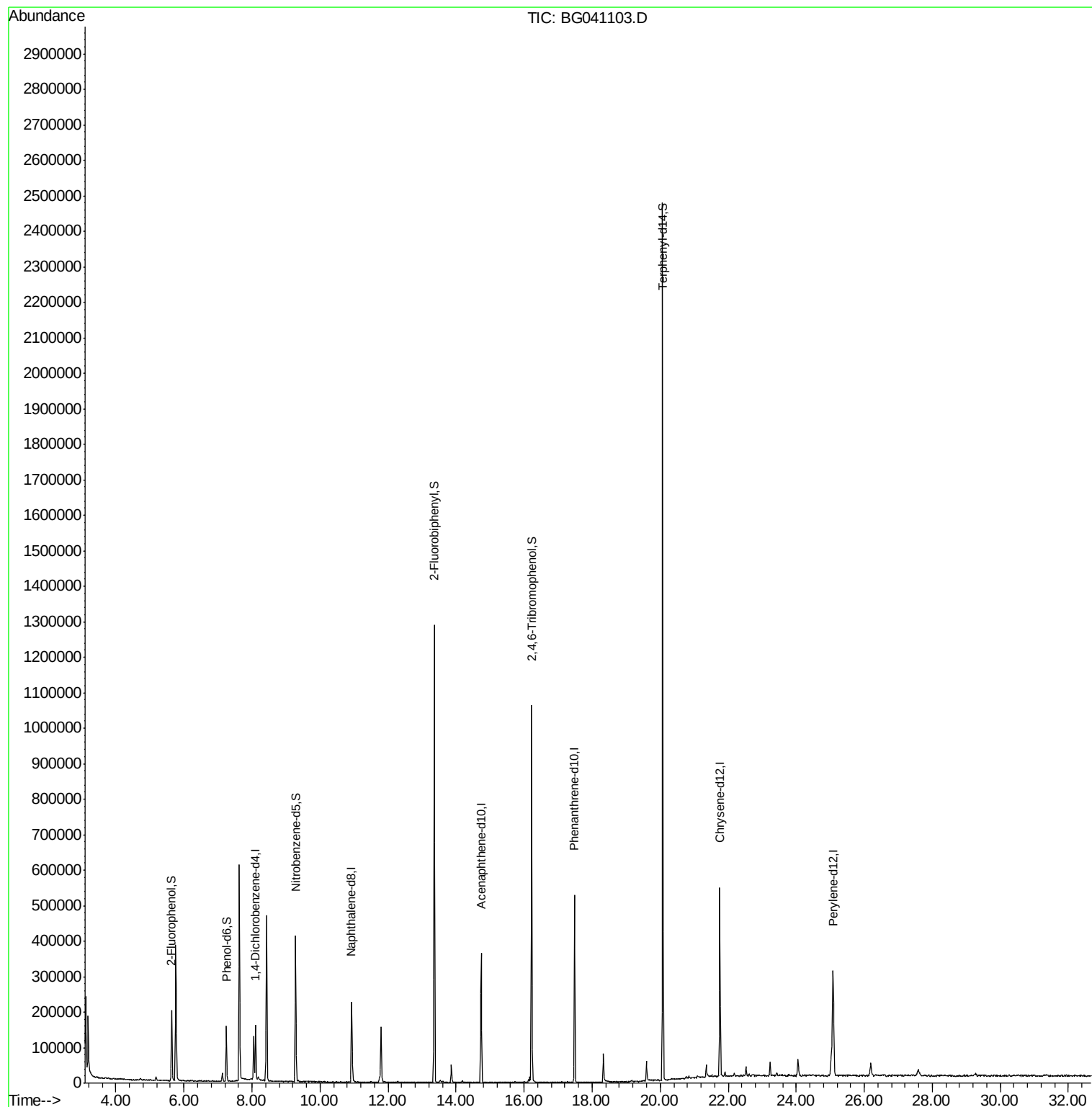
Target Compounds Qvalue

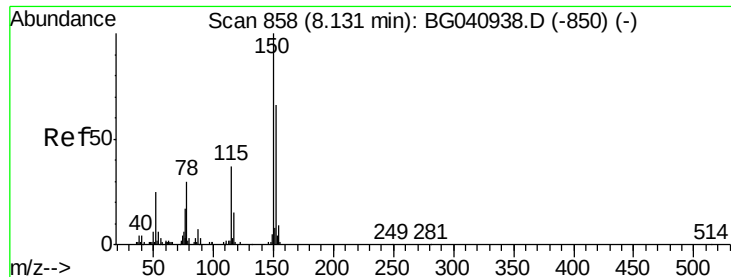
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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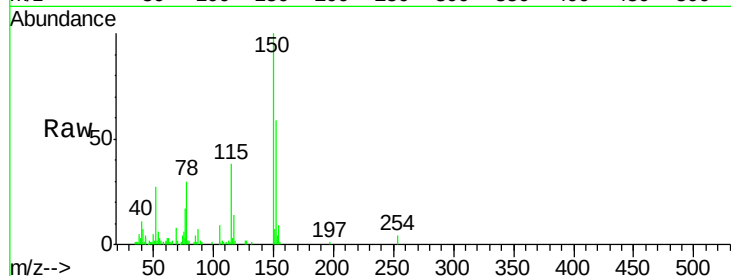


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041103.D
Acq: 7 Jun 2019 16:02

Instrument :
BNA_G
ClientSampleId :
AOC50MW002-190604

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.6	111.7	167.5#
115	63.9	48.6	73.0

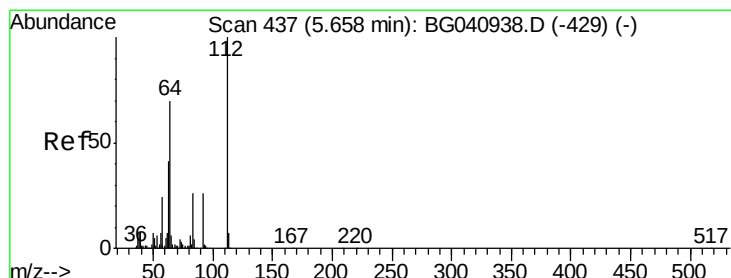
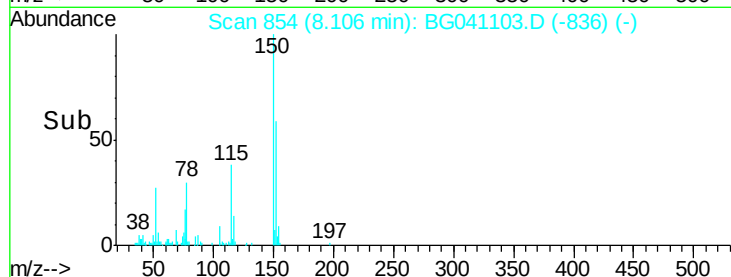
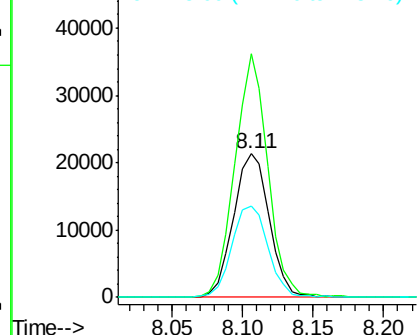


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

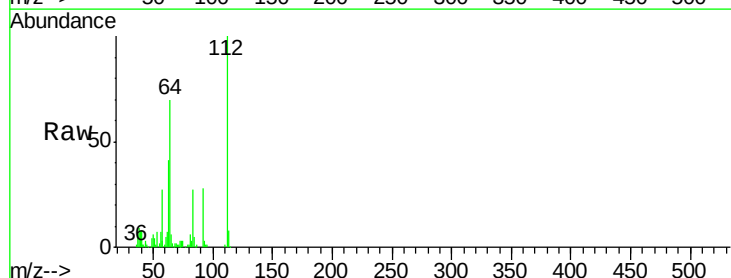
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.793 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041103.D
Acq: 7 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	54.5	81.7
63	40.8	32.2	48.2

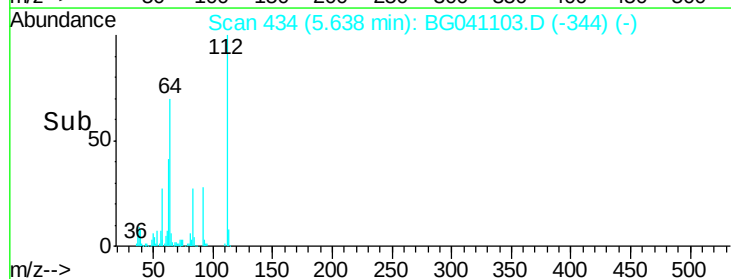
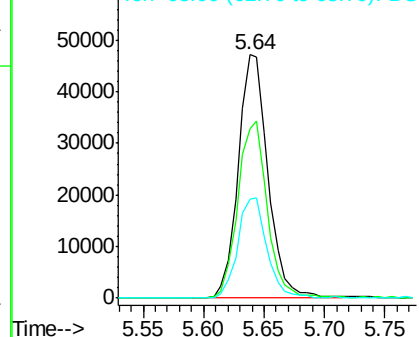


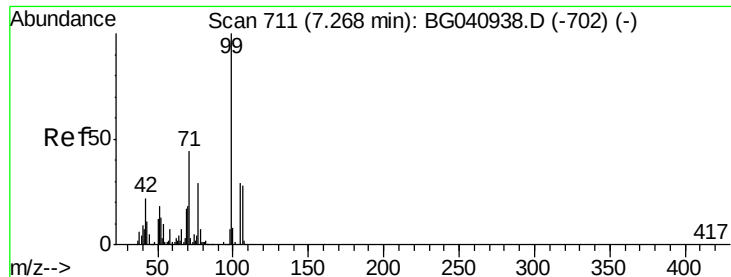
Abundance

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: 25.429 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041103.D

Acq: 7 Jun 2019 16:02

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-190604

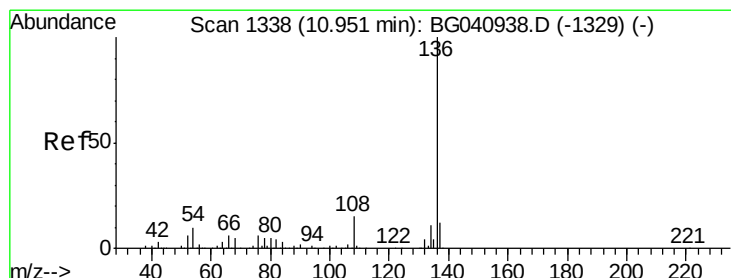
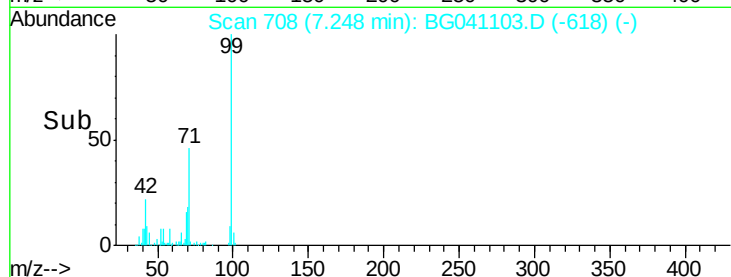
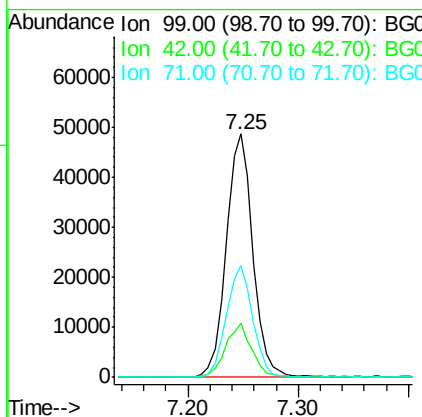
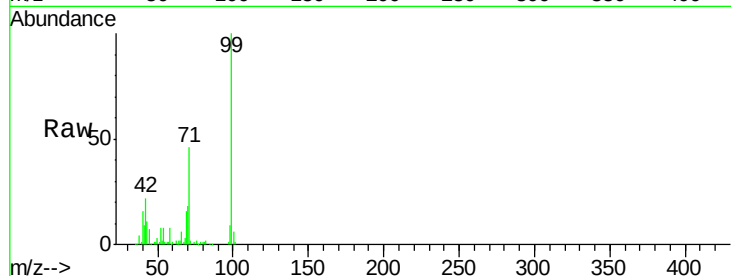
Tot Ion: 99 Resp: 82077

Ion Ratio Lower Upper

99 100

42 22.3 18.8 28.2

71 45.8 35.6 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041103.D

Acq: 7 Jun 2019 16:02

Tgt Ion: 136 Resp: 154951

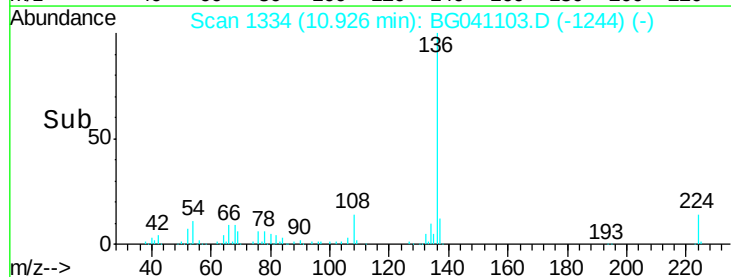
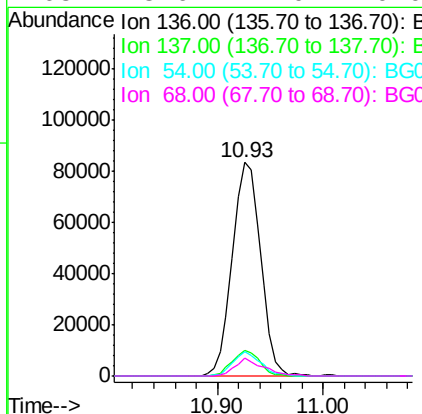
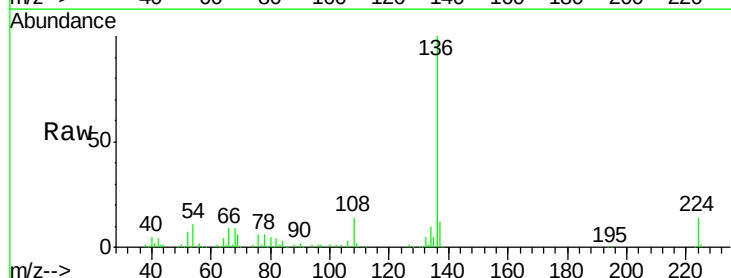
Ion Ratio Lower Upper

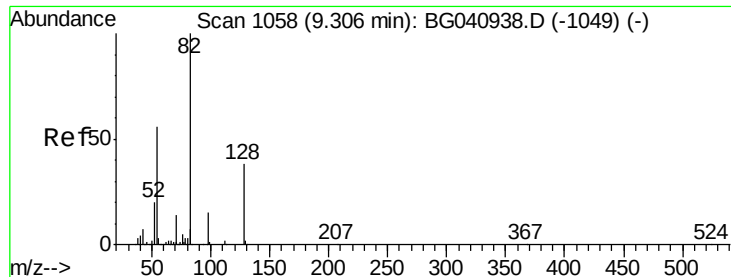
136 100

137 12.3 8.9 13.3

54 11.2 7.4 11.2#

68 8.6 4.0 6.0#

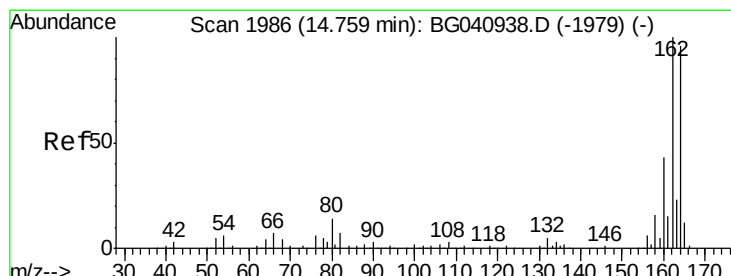
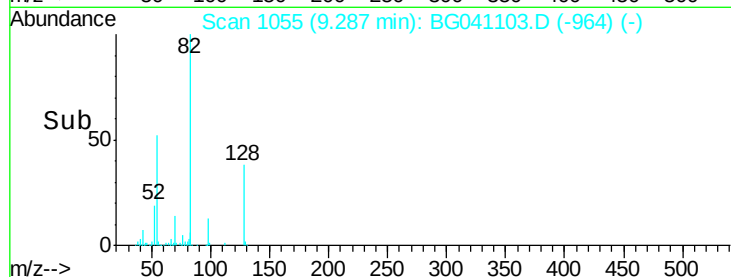
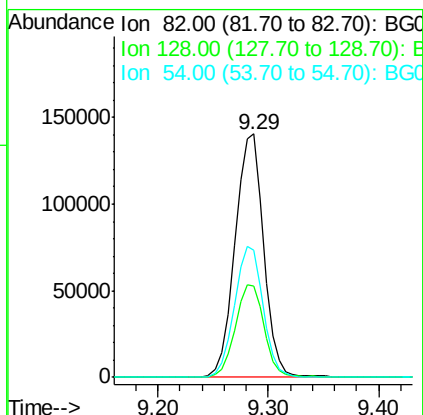
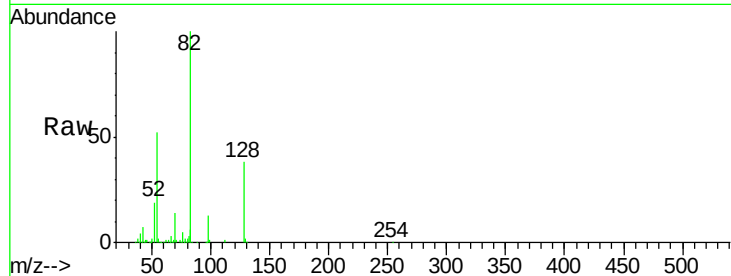




#23
 Nitrobenzene-d5
 Concen: 73.278 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG041103.D
 Acq: 7 Jun 2019 16:02

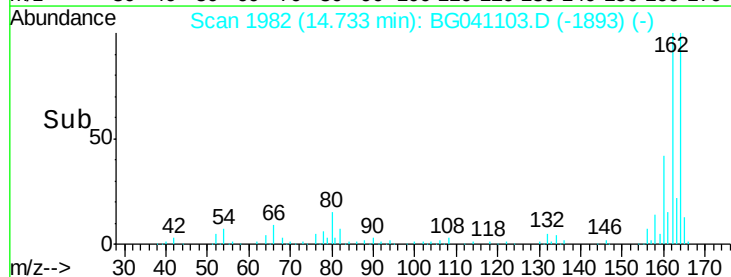
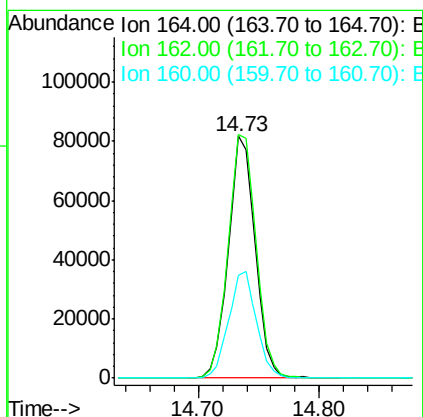
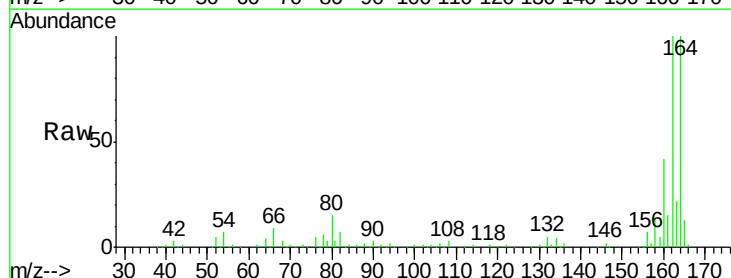
Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-190604

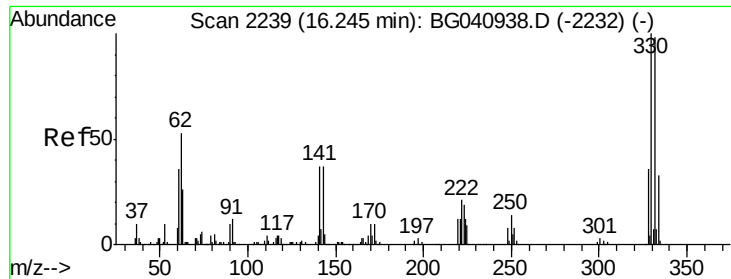
Tot Ion	82	Resp	255770
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.8	44.6
54	52.2	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG041103.D
 Acq: 7 Jun 2019 16:02

Tgt Ion	164	Resp	125832
Ion Ratio	Lower	Upper	
164	100		
162	100.5	85.4	128.0
160	42.5	37.1	55.7

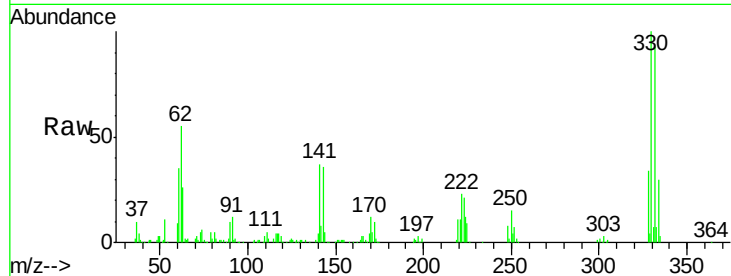




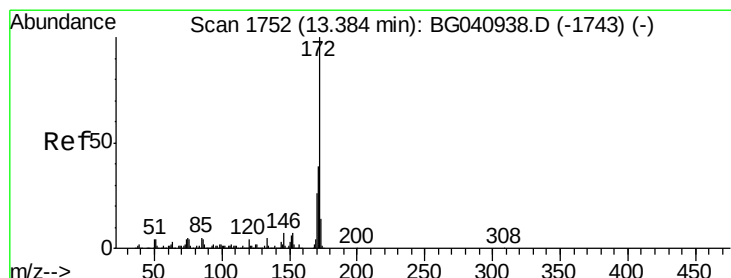
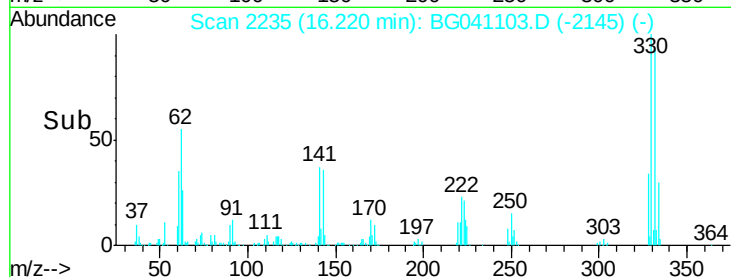
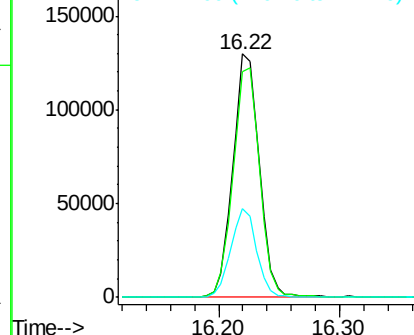
#42
 2,4,6-Tribromophenol
 Concen: 106.063 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041103.D
 Acq: 7 Jun 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 AOC50MW002-190604

Tot Ion:330 Resp: 198132
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.9 116.9
 141 35.5 29.0 43.4

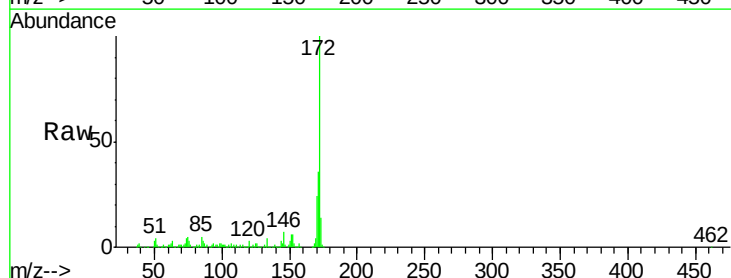


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

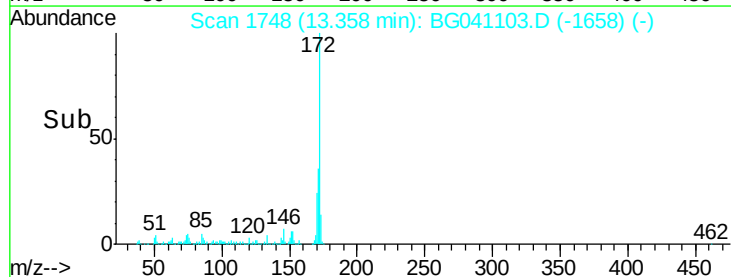
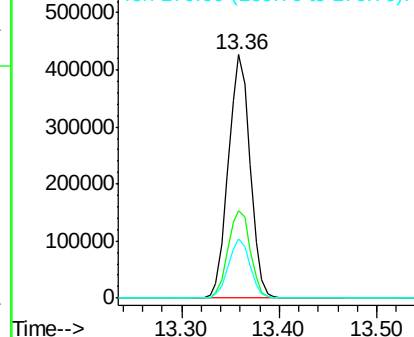


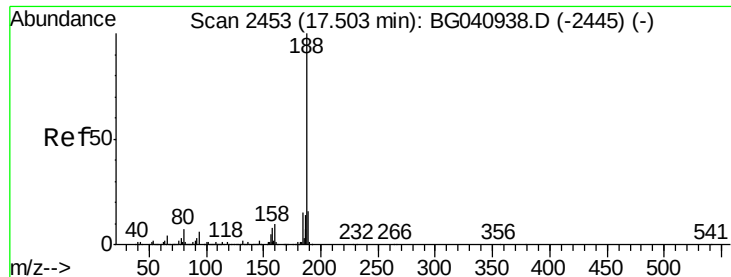
#45
 2-Fluorobiphenyl
 Concen: 75.337 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG041103.D
 Acq: 7 Jun 2019 16:02

Tgt Ion:172 Resp: 658275
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.4 21.3 31.9



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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041103.D

Acq: 7 Jun 2019 16:02

Instrument :

BNA_G

ClientSampleId :

AOC50MW002-190604

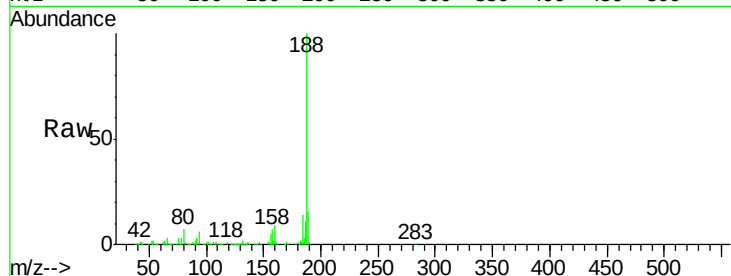
Tot Ion:188 Resp: 334217

Ion Ratio Lower Upper

188 100

94 6.1 4.6 7.0

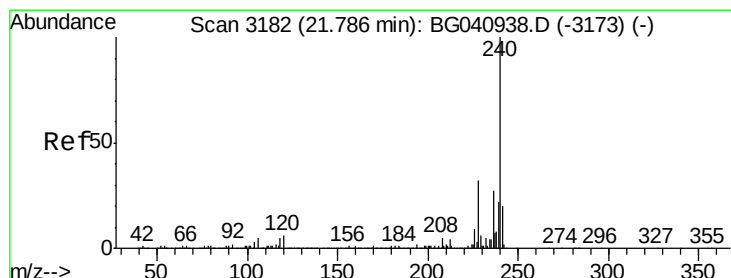
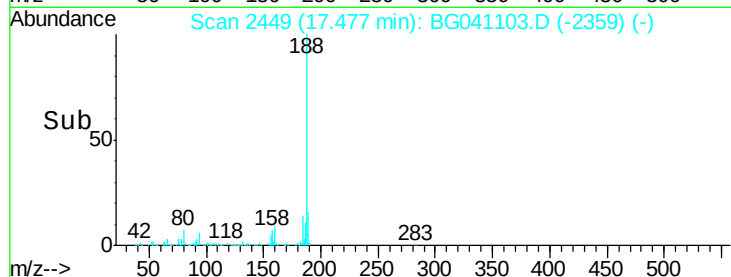
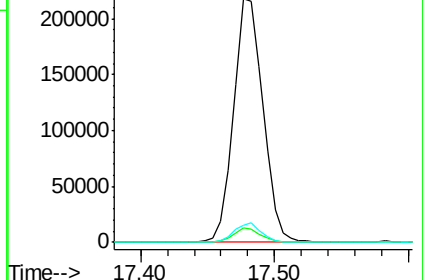
80 6.9 5.8 8.8



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041103.D

Acq: 7 Jun 2019 16:02

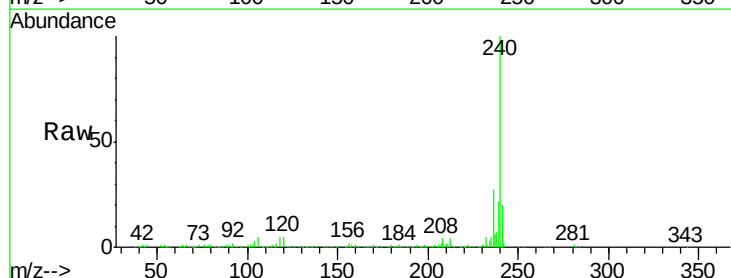
Tgt Ion:240 Resp: 327513

Ion Ratio Lower Upper

240 100

120 4.9 4.6 6.8

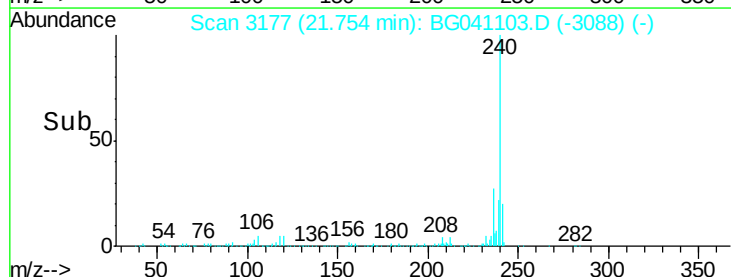
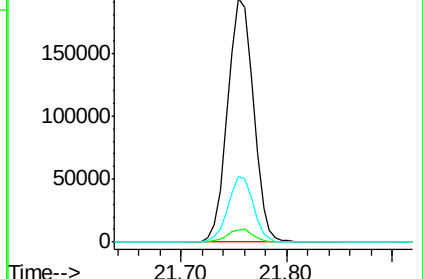
236 27.0 20.6 31.0

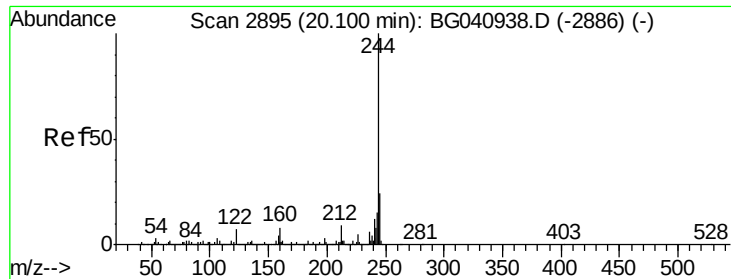


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.863 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041103.D

Acq: 7 Jun 2019 16:02

Instrument :

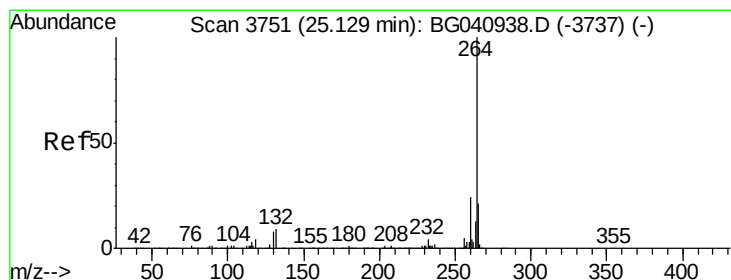
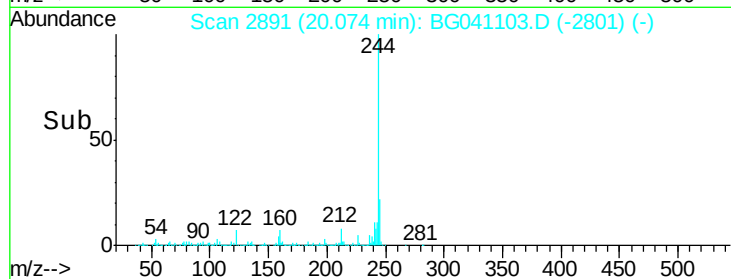
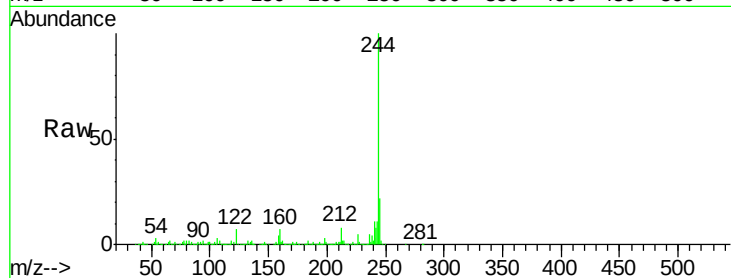
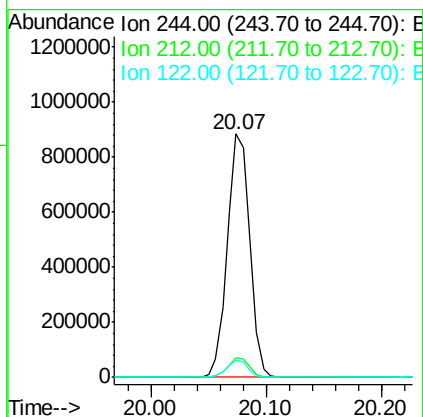
BNA_G

ClientSampleId :

AOC50MW002-190604

Tot Ion:244 Resp: 1186128

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	7.0	5.4	8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041103.D

Acq: 7 Jun 2019 16:02

Tgt Ion:264 Resp: 341012

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.7	17.6	26.4

