

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045803.D
 Acq On : 18 Jun 2020 21:41
 Operator : CG/JU
 Sample : L3024-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-11

Quant Time: Jun 19 03:46:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52183	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	197618	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	147646	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	359136	20.00	ng	0.00
76) Chrysene-d12	21.58	240	323999	20.00	ng	0.00
86) Perylene-d12	24.70	264	330626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	391614	126.77	ng	0.00
7) Phenol-d6	7.15	99	496266	105.61	ng	-0.01
23) Nitrobenzene-d5	9.08	82	415288	96.00	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	317142	142.28	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	945179	94.08	ng	0.00
79) Terphenyl-d14	19.94	244	1631120	102.03	ng	0.00

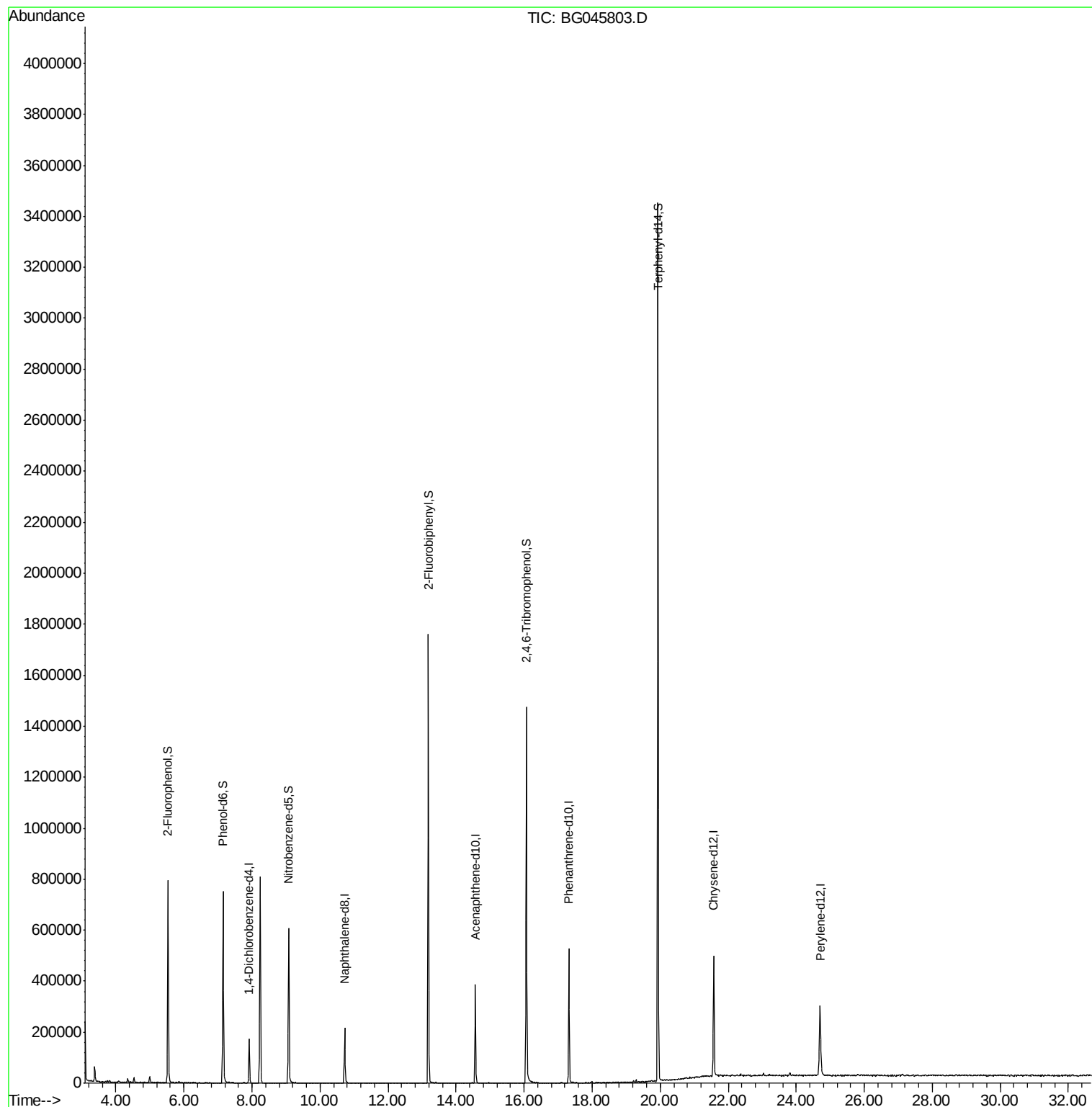
Target Compounds Qvalue

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

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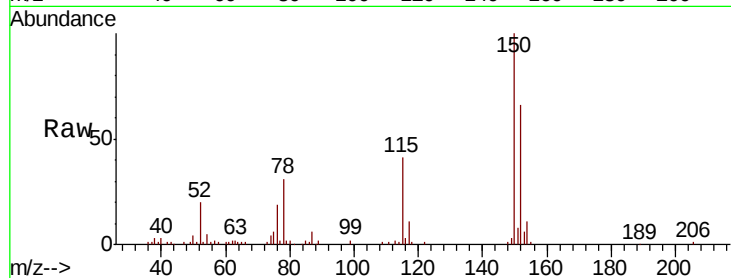


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045803.D
Acq: 18 Jun 2020 21:41

Instrument :
BNA_G
ClientSampleId :
RO-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	113.1	169.7
115	62.2	43.8	65.6

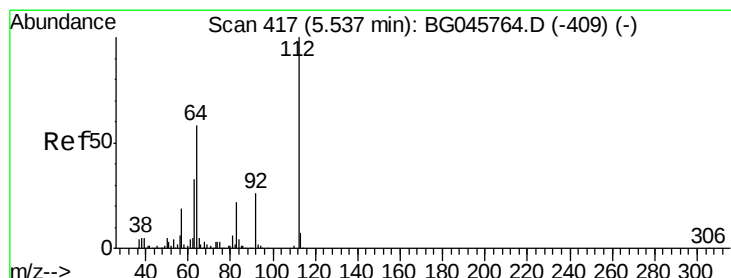
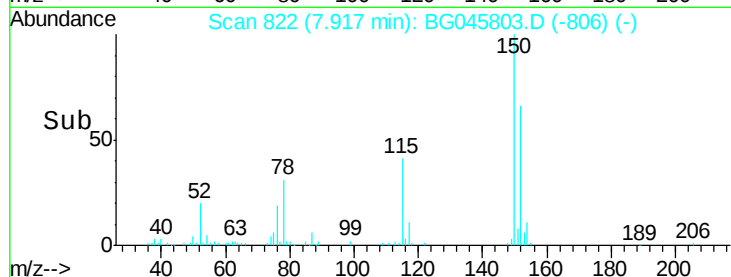
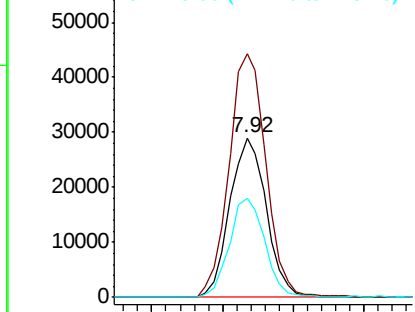


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

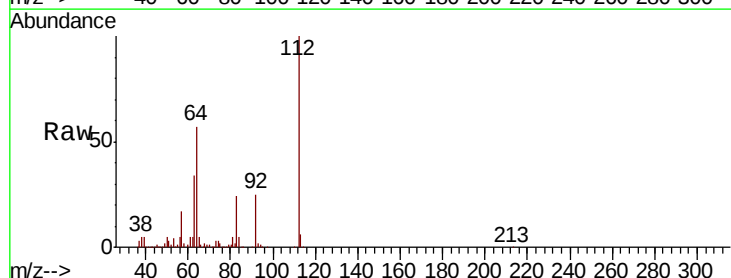
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.771 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045803.D
Acq: 18 Jun 2020 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.6	69.8
63	33.5	26.3	39.5

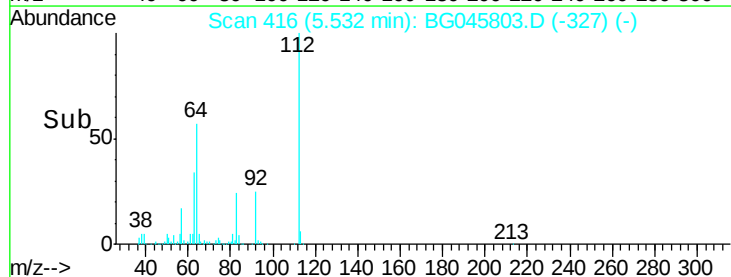
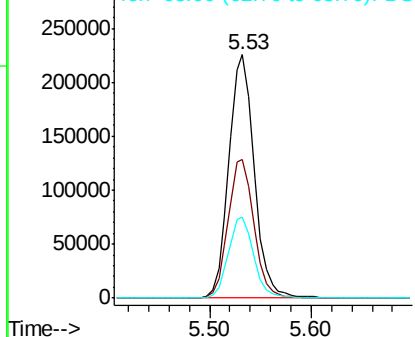


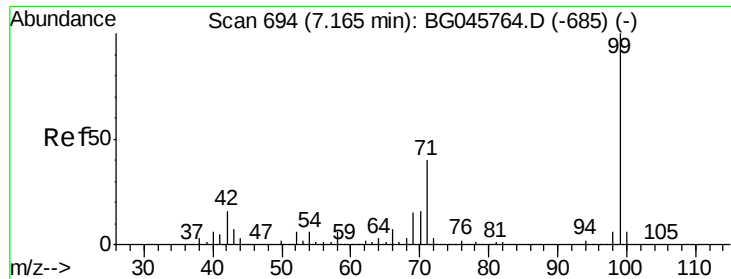
Abundance

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: 105.614 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045803.D

Acq: 18 Jun 2020 21:41

Instrument :

BNA_G

ClientSampleId :

RO-11

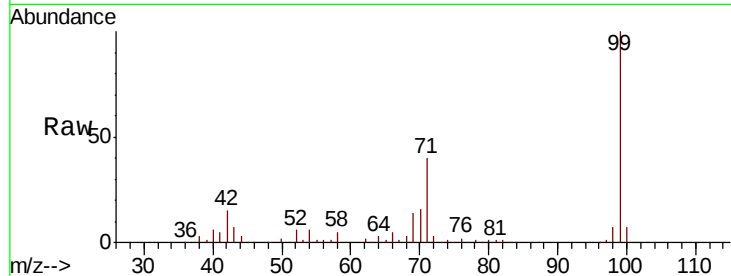
Tot Ion: 99 Resp: 496266

Ion Ratio Lower Upper

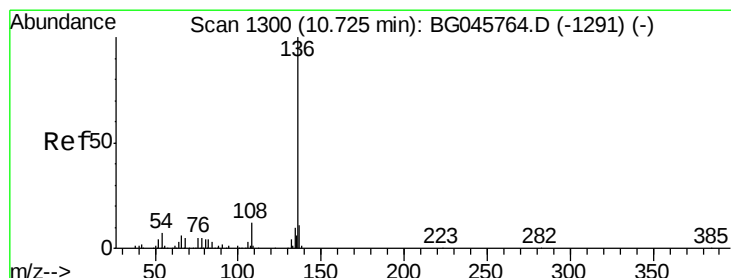
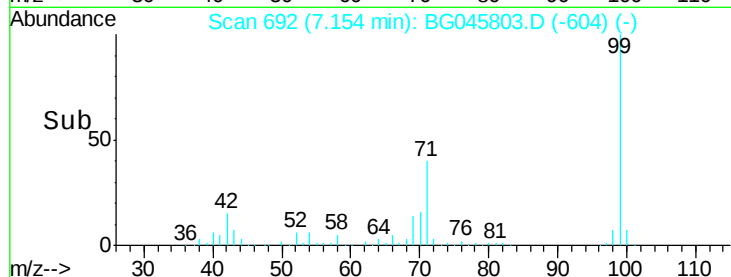
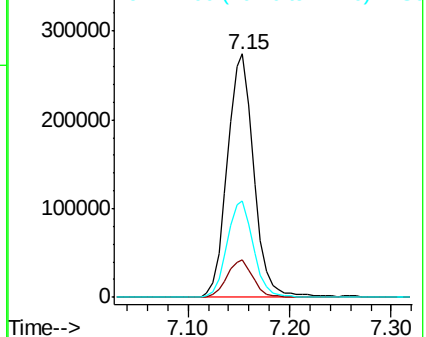
99 100

42 15.3 12.4 18.6

71 39.6 32.1 48.1



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045803.D

Acq: 18 Jun 2020 21:41

Tgt Ion: 136 Resp: 197618

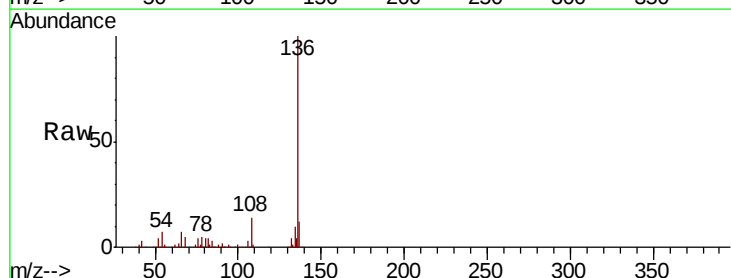
Ion Ratio Lower Upper

136 100

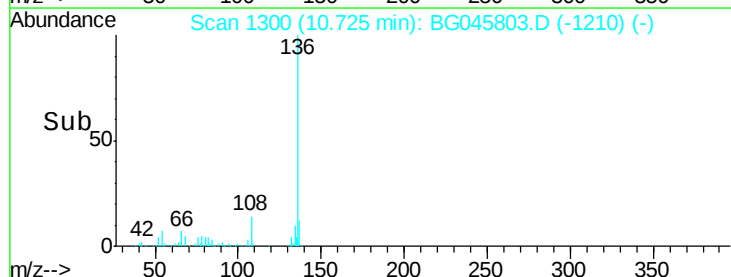
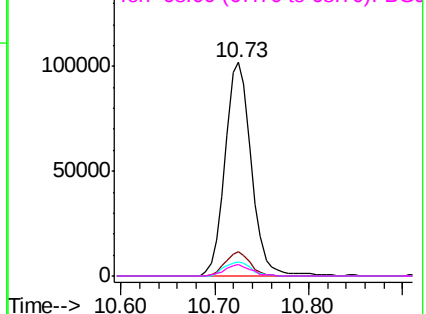
137 11.6 8.7 13.1

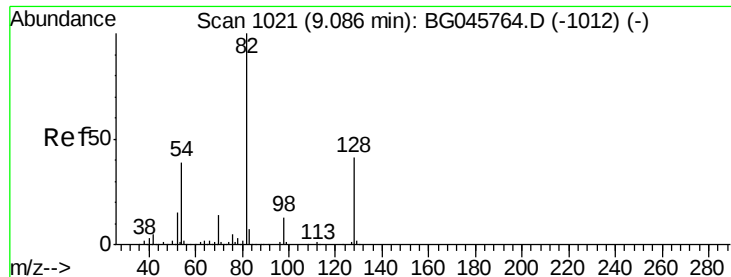
54 6.5 5.8 8.6

68 5.2 4.0 6.0



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

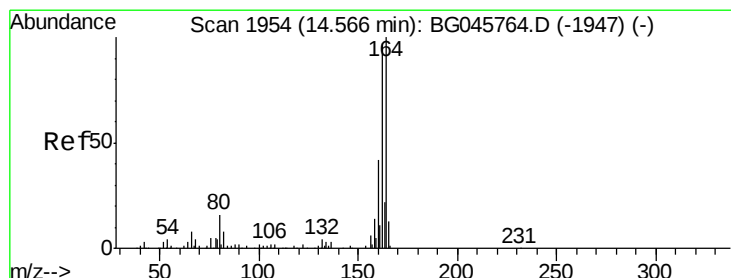
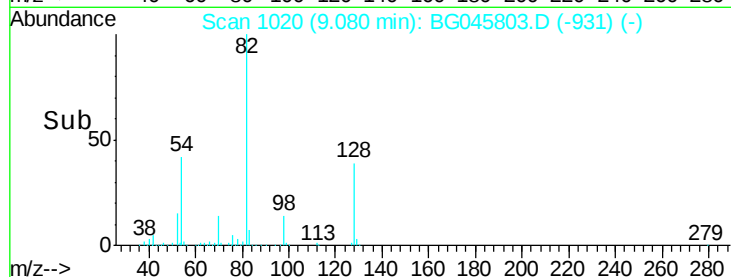
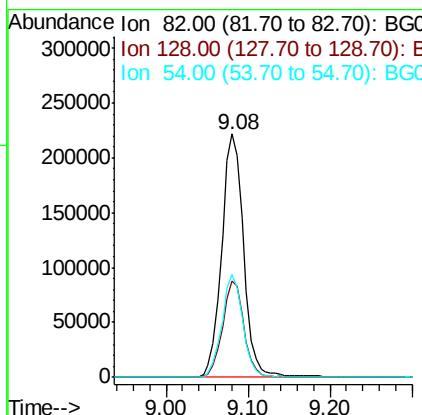
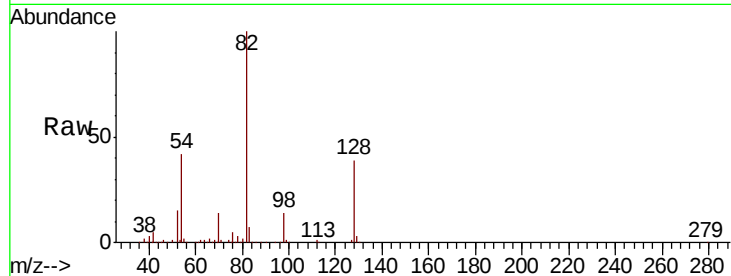




#23
Nitrobenzene-d5
Concen: 96.002 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045803.D
Acq: 18 Jun 2020 21:41

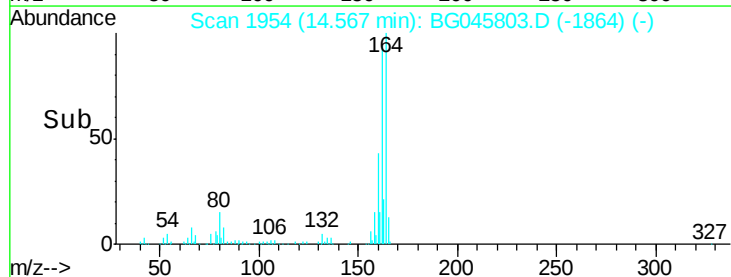
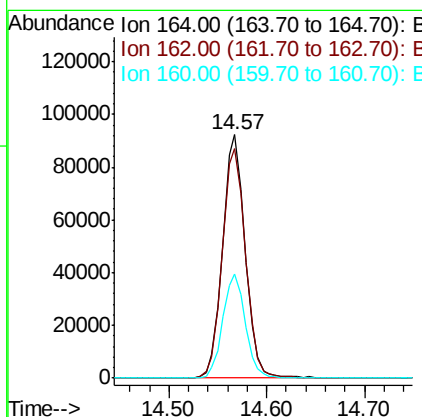
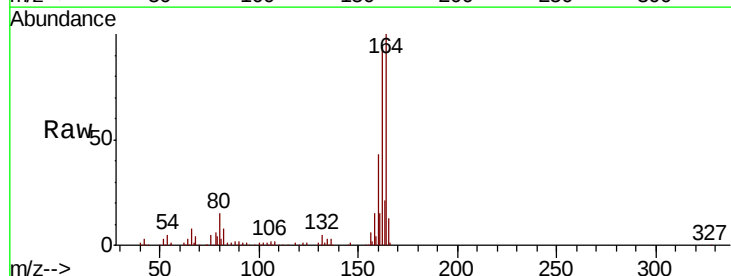
Instrument :
BNA_G
ClientSampleId :
RO-11

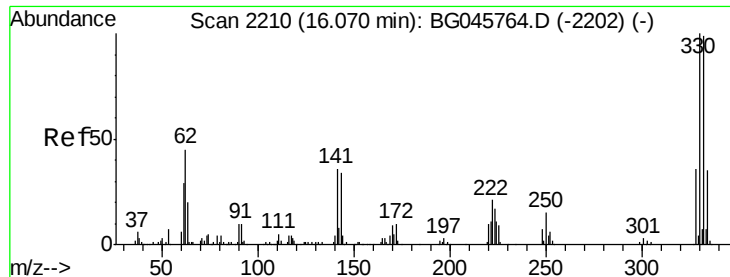
Tot Ion	82	Resp	415288
Ion Ratio	Lower	Upper	
82	100		
128	39.4	32.5	48.7
54	42.0	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045803.D
Acq: 18 Jun 2020 21:41

Tgt Ion	164	Resp	147646
Ion Ratio	Lower	Upper	
164	100		
162	94.2	77.4	116.0
160	42.5	33.3	49.9

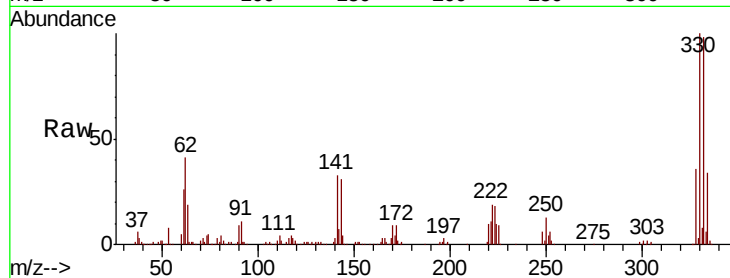




#42
 2,4,6-Tribromophenol
 Concen: 142.275 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG045803.D
 Acq: 18 Jun 2020 21:41

Instrument :
 BNA_G
 ClientSampled :
 RO-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	35.2	28.2	42.4

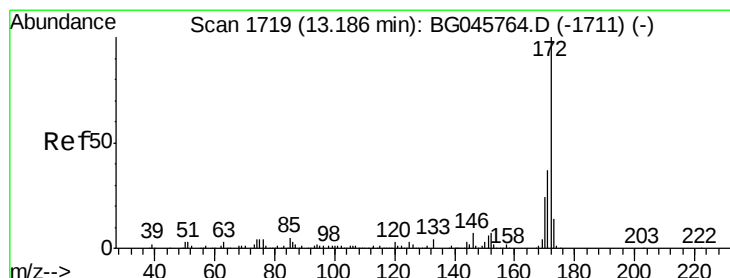
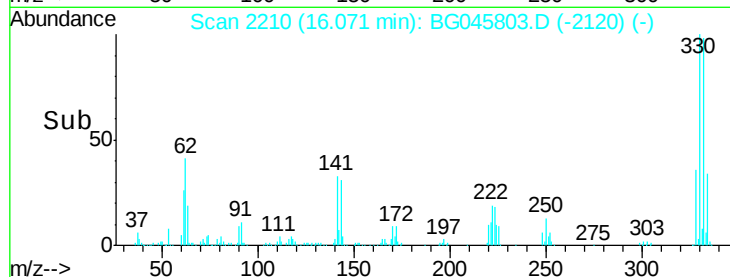
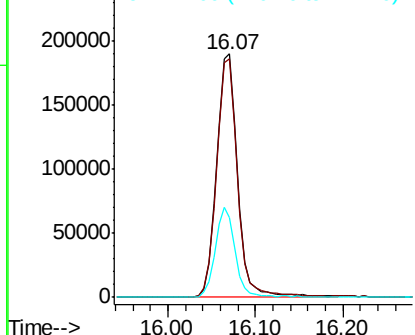


Abundance

Ion 329.80 (329.50 to 330.50): E

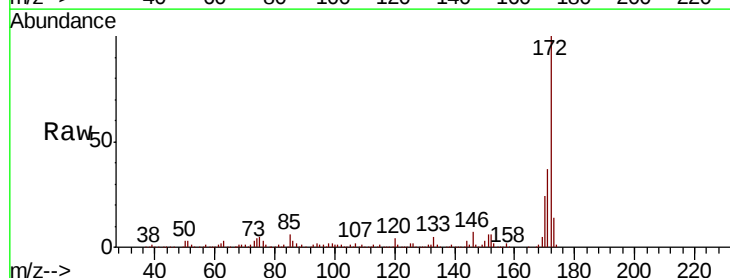
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.076 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045803.D
 Acq: 18 Jun 2020 21:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.2	19.3	28.9

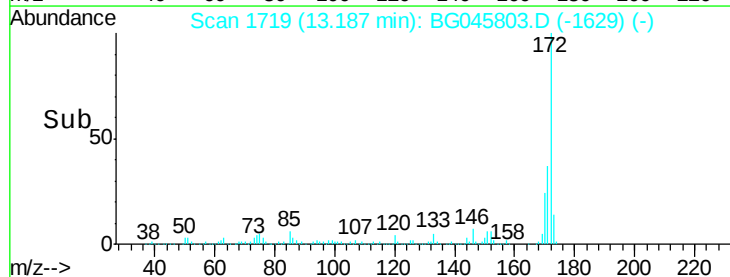
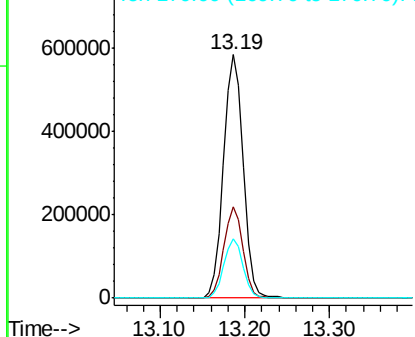


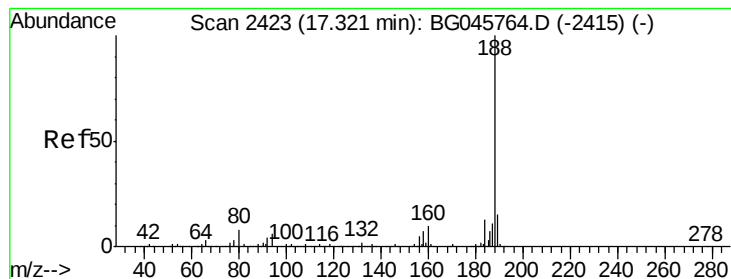
Abundance

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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045803.D

Acq: 18 Jun 2020 21:41

Instrument :

BNA_G

ClientSampleId :

RO-11

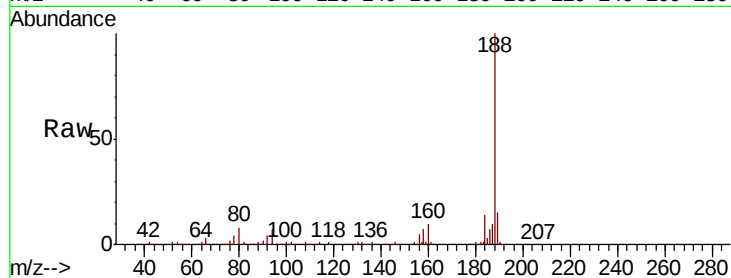
Tot Ion:188 Resp: 359136

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

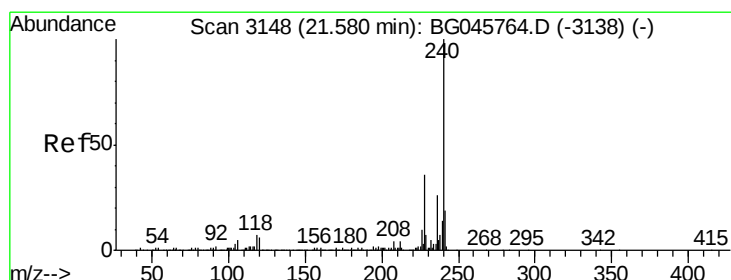
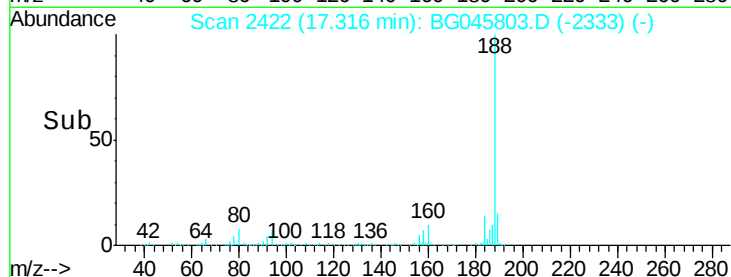
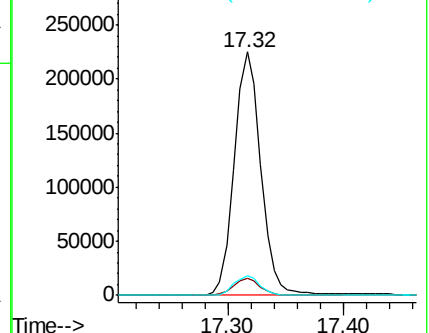
80 8.0 6.2 9.4



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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045803.D

Acq: 18 Jun 2020 21:41

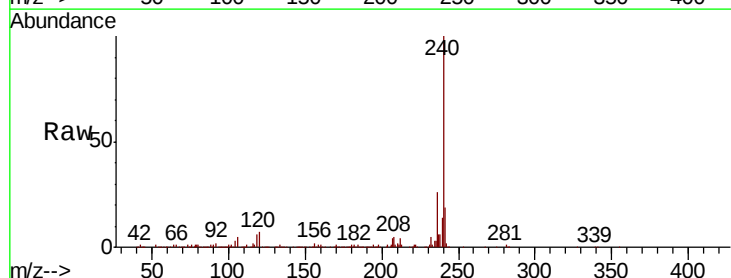
Tgt Ion:240 Resp: 323999

Ion Ratio Lower Upper

240 100

120 7.3 5.0 7.4

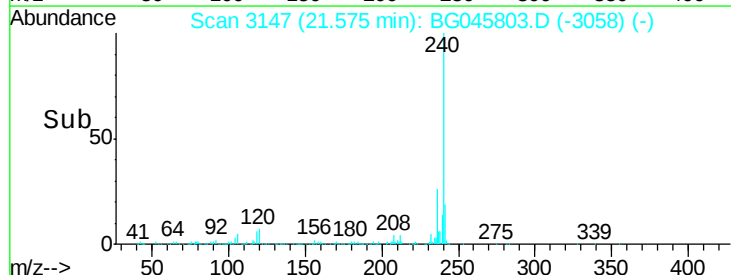
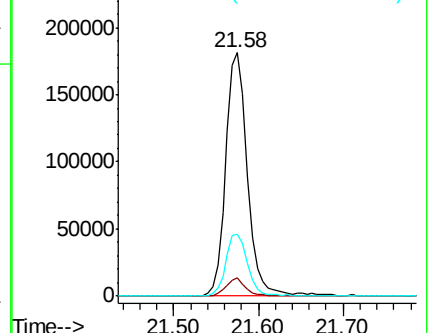
236 25.5 20.6 30.8

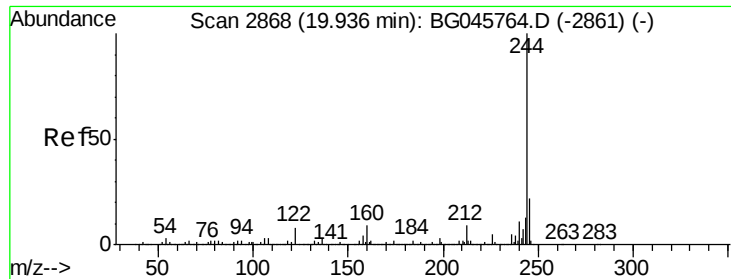


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.026 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045803.D

Acq: 18 Jun 2020 21:41

Instrument :

BNA_G

ClientSampleId :

RO-11

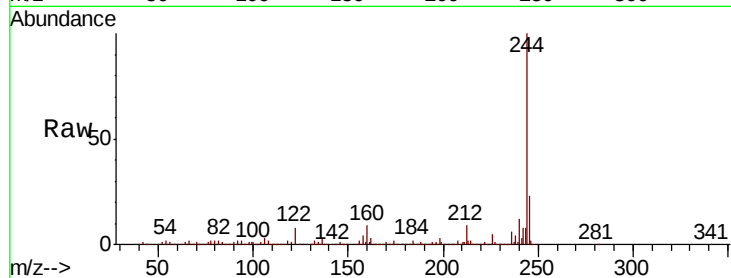
Tot Ion:244 Resp: 1631120

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

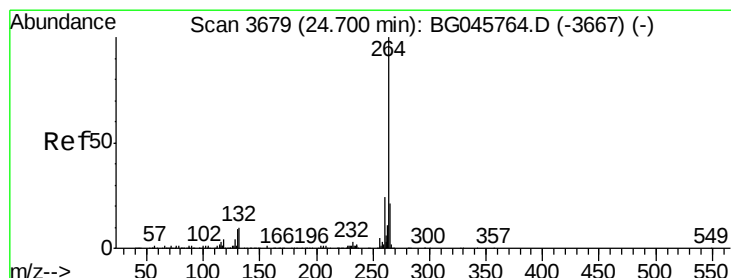
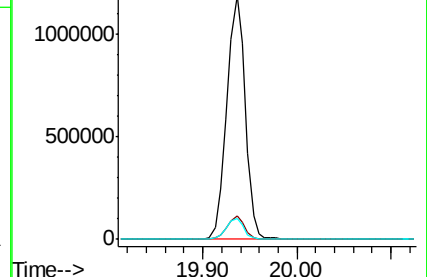
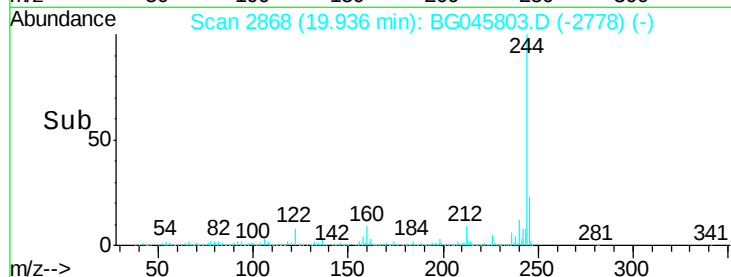
122 8.5 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045803.D

Acq: 18 Jun 2020 21:41

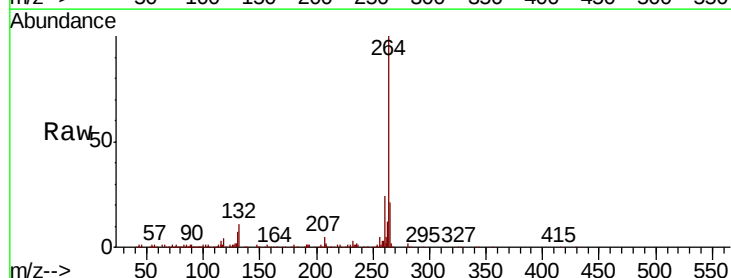
Tgt Ion:264 Resp: 330626

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.0 17.4 26.0



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

