

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044591.D
 Acq On : 26 Feb 2020 00:33
 Operator : CG/JU
 Sample : L1603-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203

Quant Time: Feb 26 06:03:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	60570	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	236928	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	155627	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	373373	20.00	ng	0.00
76) Chrysene-d12	21.50	240	386432	20.00	ng	0.00
87) Perylene-d12	24.57	264	397642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	486736	128.93	ng	0.00
7) Phenol-d6	7.05	99	562867	108.93	ng	0.00
23) Nitrobenzene-d5	9.03	82	423937	92.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	293802	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	968411	89.11	ng	0.00
79) Terphenyl-d14	19.88	244	1763050	86.37	ng	0.00

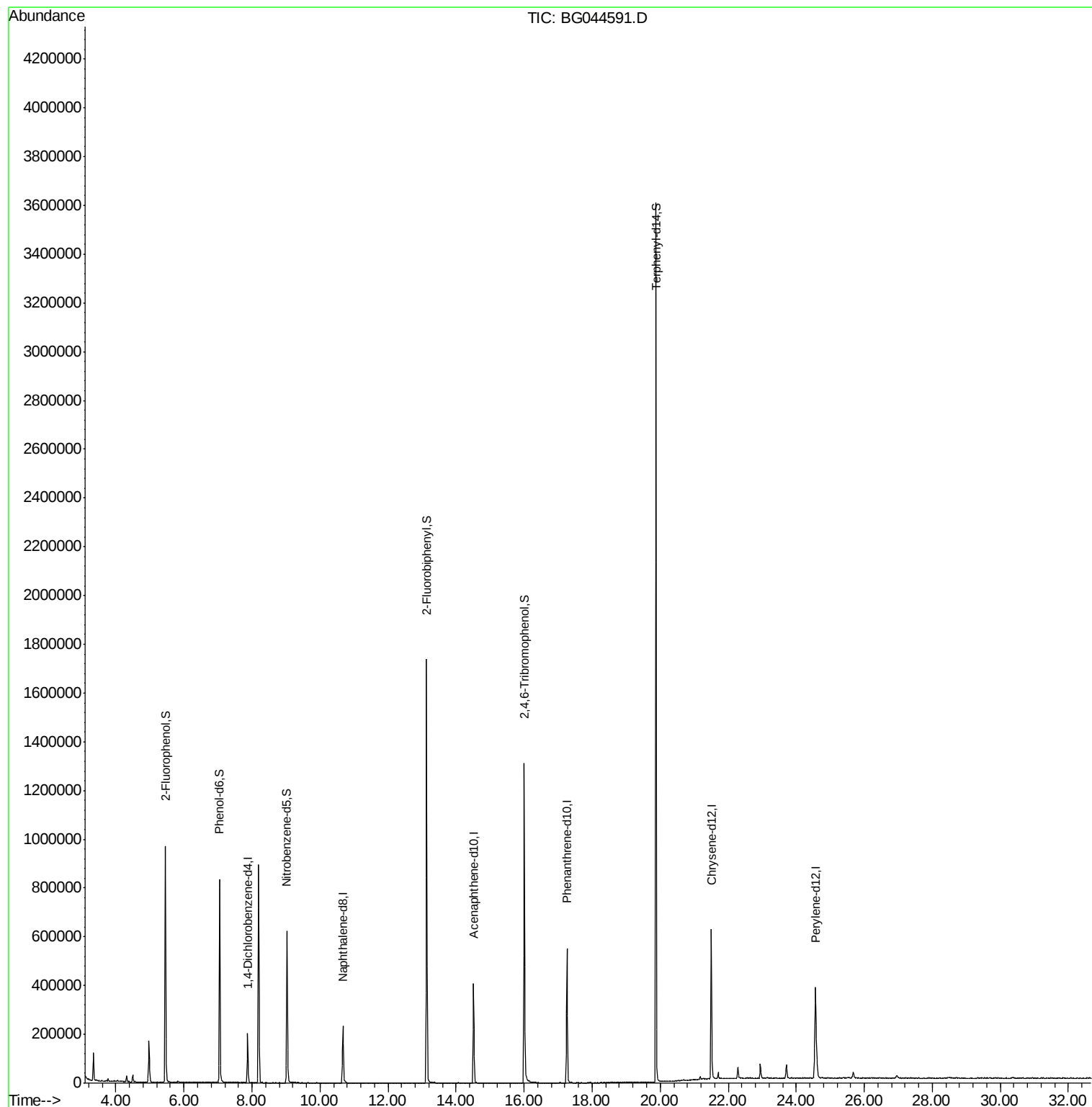
Target Compounds Qvalue

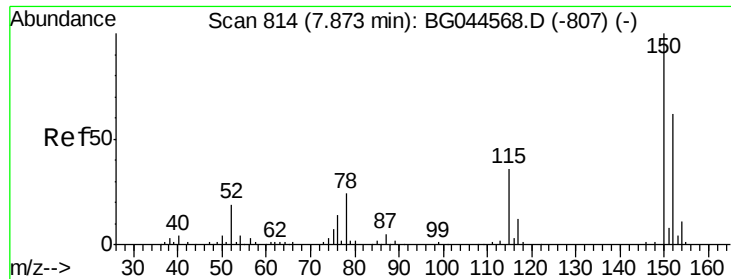
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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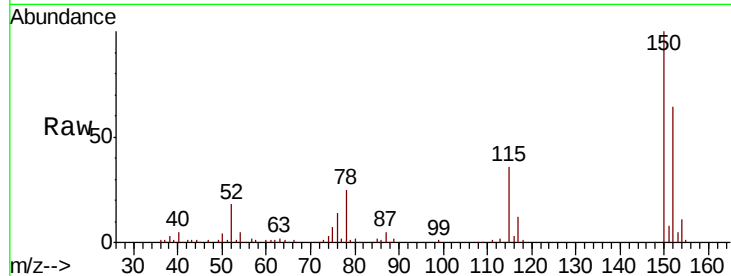


#1

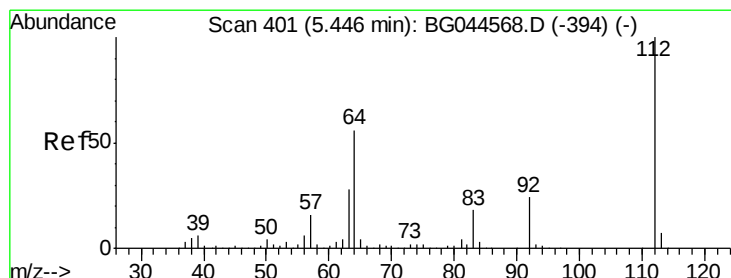
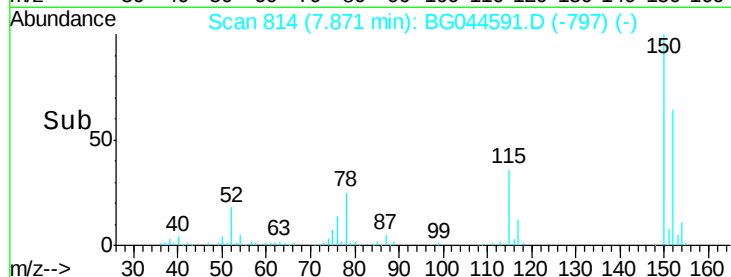
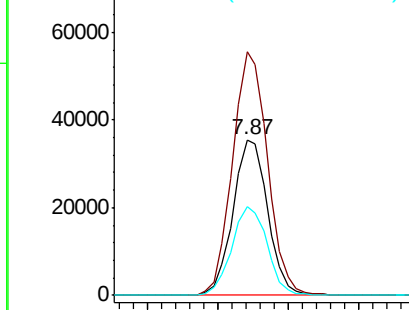
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203

Tot Ion:152 Resp: 60570
Ion Ratio Lower Upper
152 100
150 156.7 128.9 193.3
115 56.7 47.0 70.4



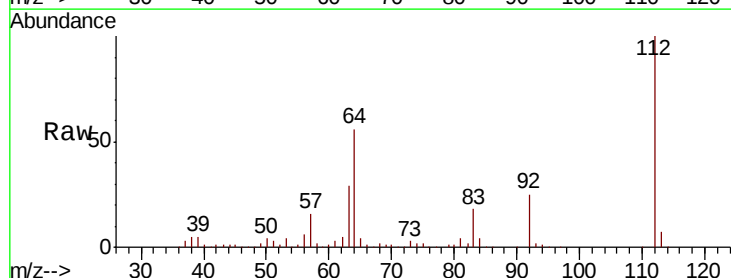
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



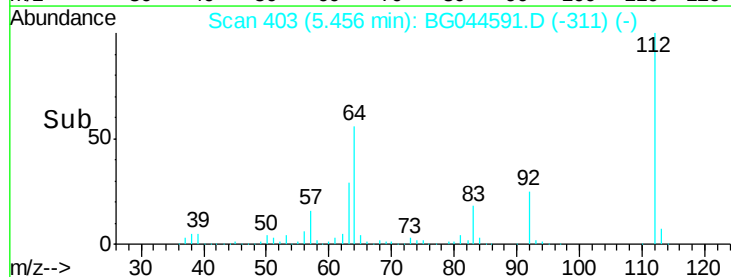
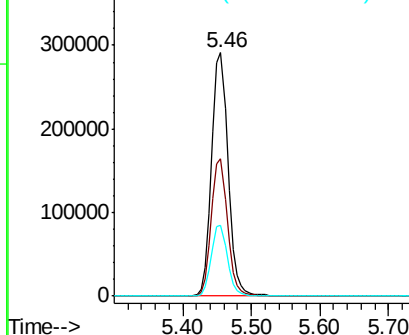
#5

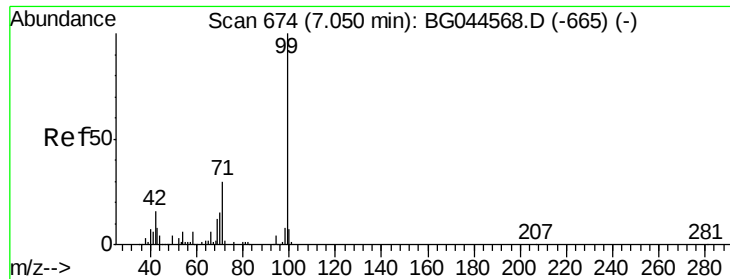
2-Fluorophenol
Concen: 128.934 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion:112 Resp: 486736
Ion Ratio Lower Upper
112 100
64 56.4 44.8 67.2
63 29.3 22.3 33.5



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: 108.927 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

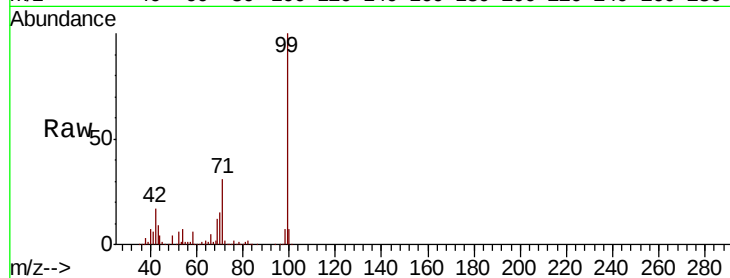
BNA_G

ClientSampleId :

HAM-WC-S-SB-010203

Tot Ion: 99 Resp: 562867

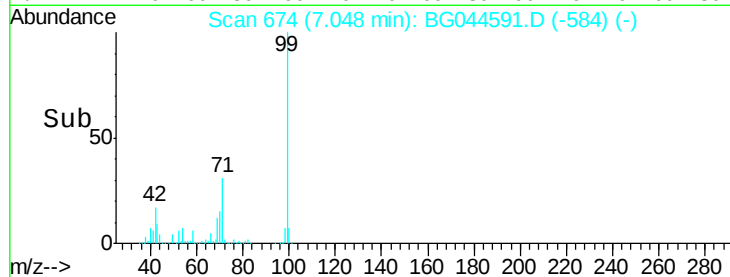
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.8	19.2
71	31.3	24.4	36.6



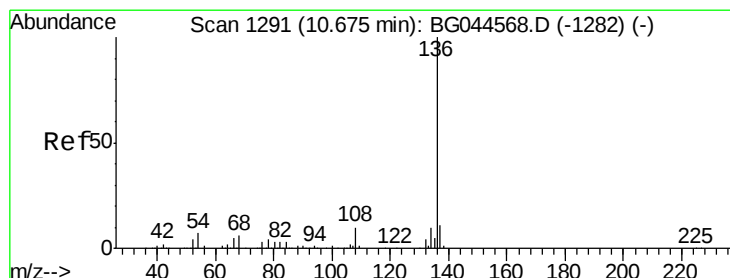
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 6.90 7.00 7.10 7.20



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

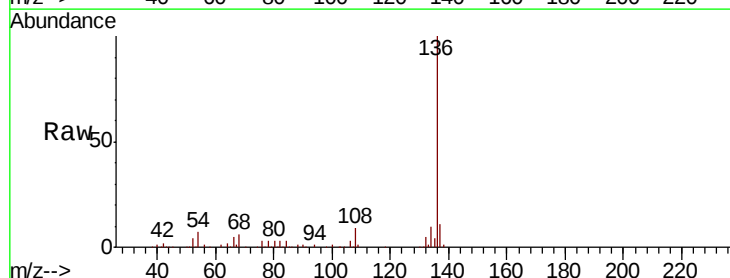
Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Tgt Ion: 136 Resp: 236928

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.7	8.5
68	6.0	4.5	6.7

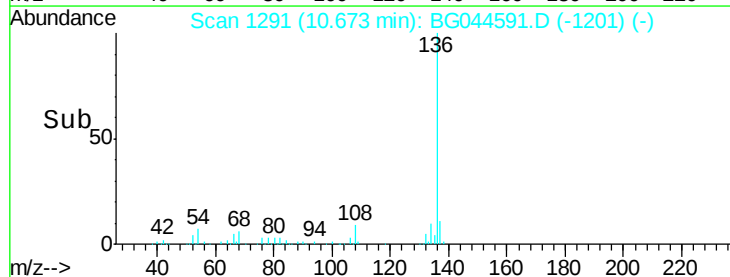


Abundance Ion 136.00 (135.70 to 136.70): BGC

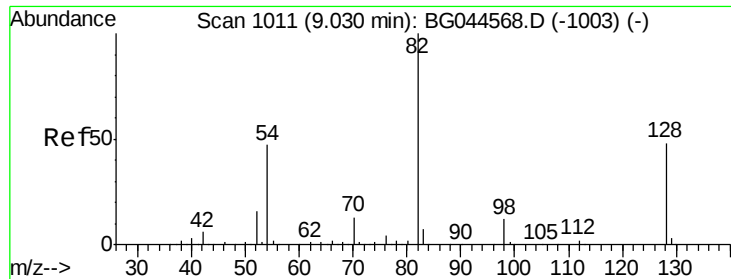
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



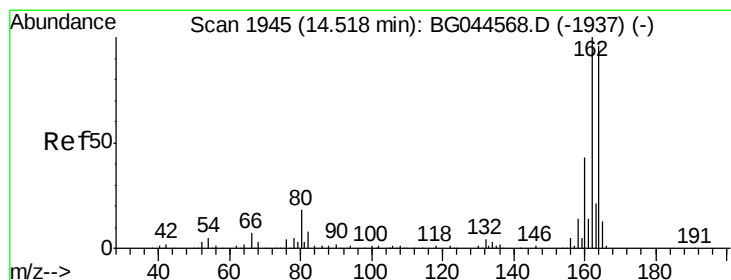
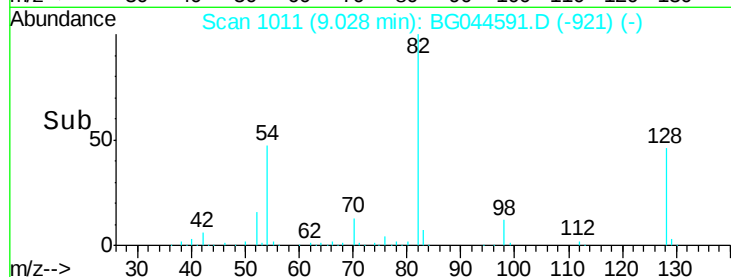
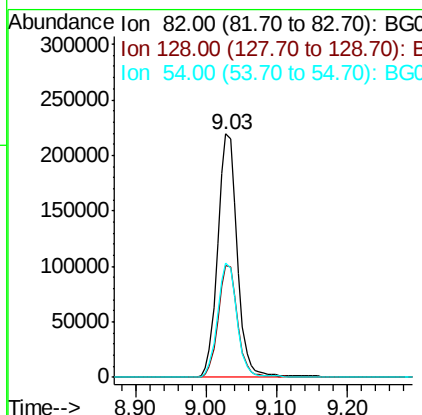
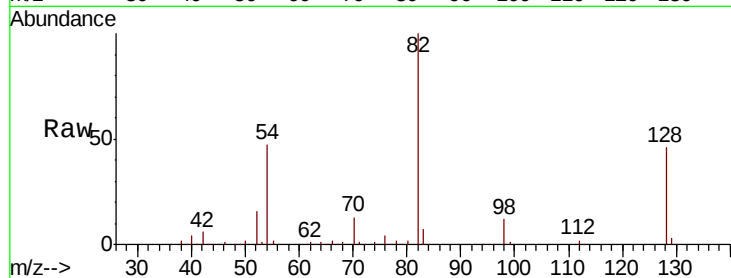
Time--> 10.60 10.70 10.80



#23
Nitrobenzene-d5
Concen: 92.182 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

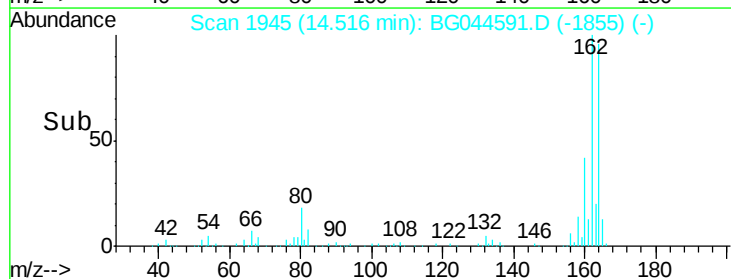
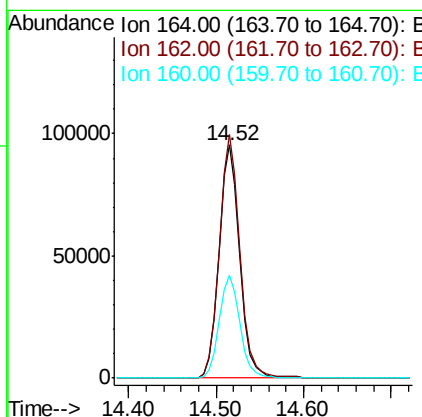
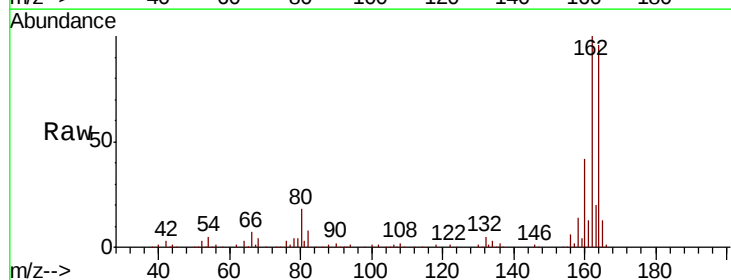
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-010203

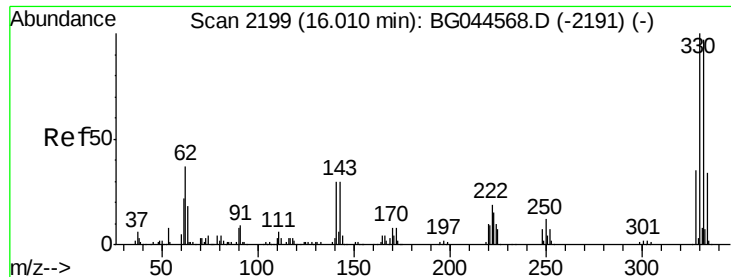
Tot Ion	82	Resp	423937
Ion Ratio	Lower	Upper	
82	100		
128	45.7	38.1	57.1
54	47.1	37.5	56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044591.D
Acq: 26 Feb 2020 00:33

Tgt Ion	164	Resp	155627
Ion Ratio	Lower	Upper	
164	100		
162	104.6	83.6	125.4
160	44.0	36.2	54.4

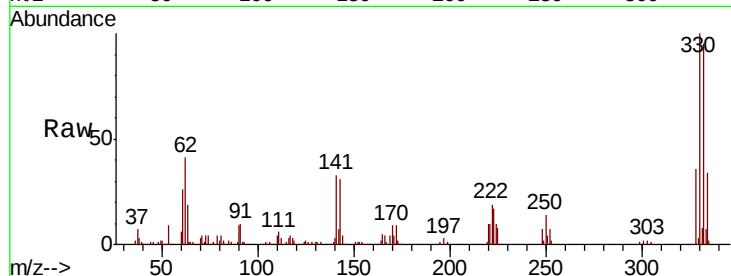




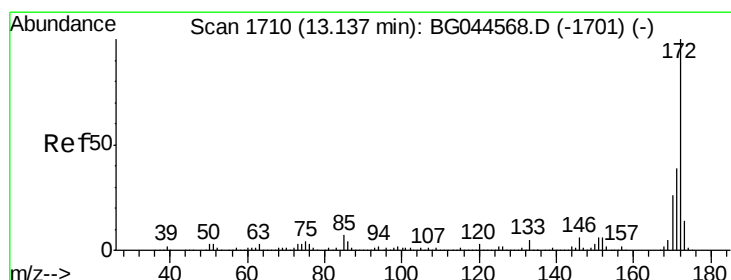
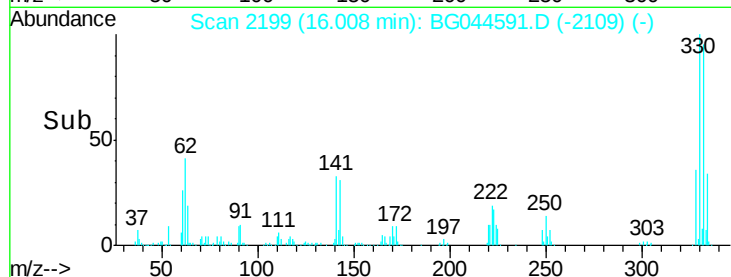
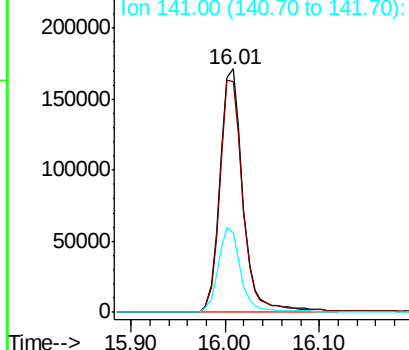
#42
 2,4,6-Tribromophenol
 Concen: 133.143 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-010203

Tot Ion:330 Resp: 293802
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 34.4 26.1 39.1

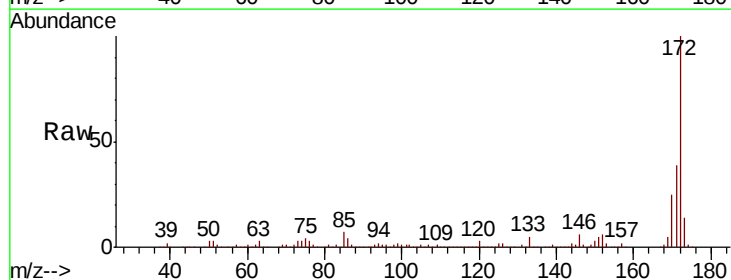


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

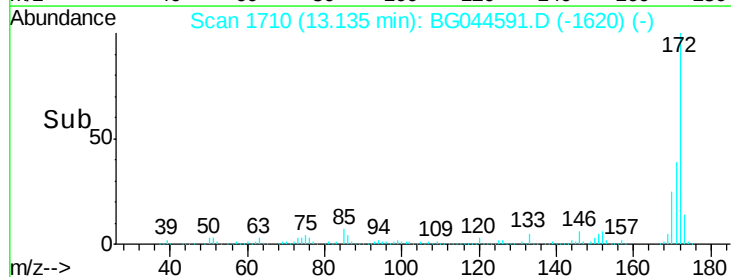
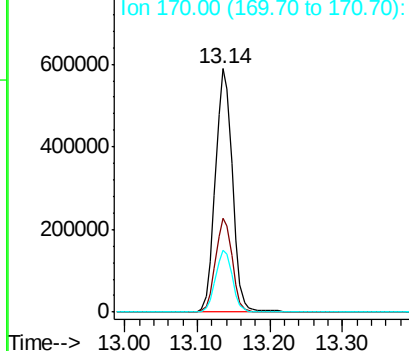


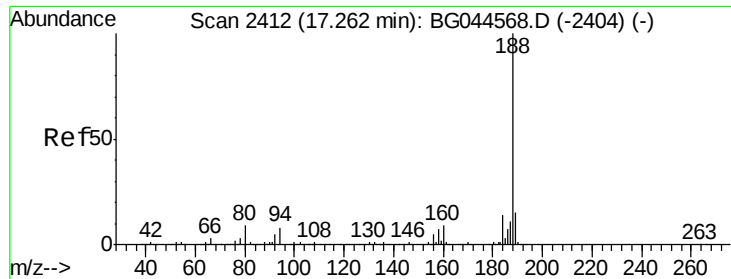
#45
 2-Fluorobiphenyl
 Concen: 89.108 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044591.D
 Acq: 26 Feb 2020 00:33

Tgt Ion:172 Resp: 968411
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 25.2 21.0 31.4



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: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-010203

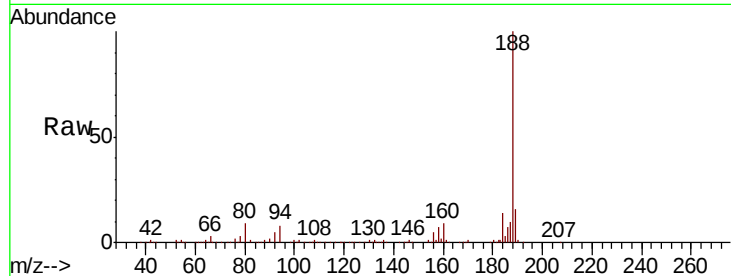
Tot Ion:188 Resp: 373373

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

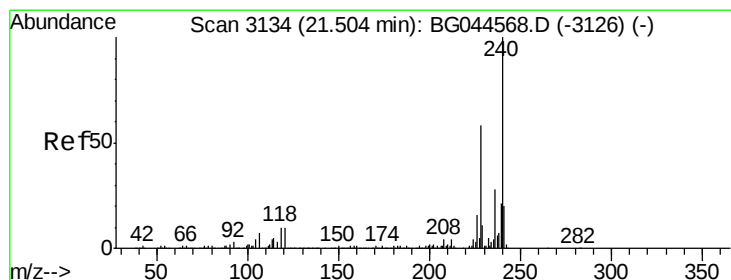
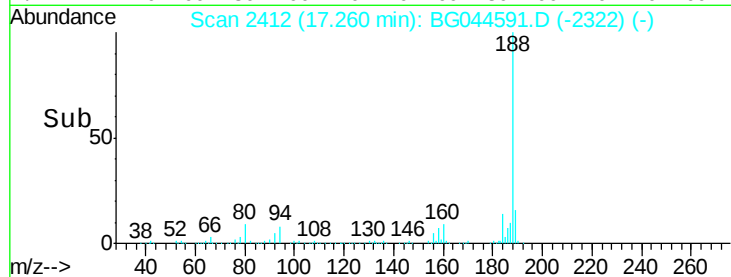
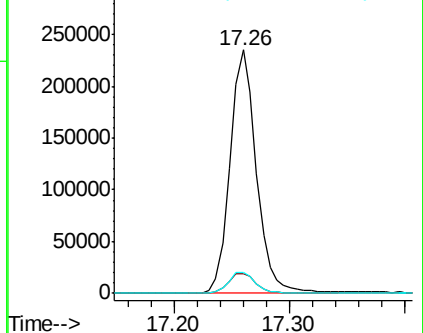
80 8.8 7.6 11.4



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

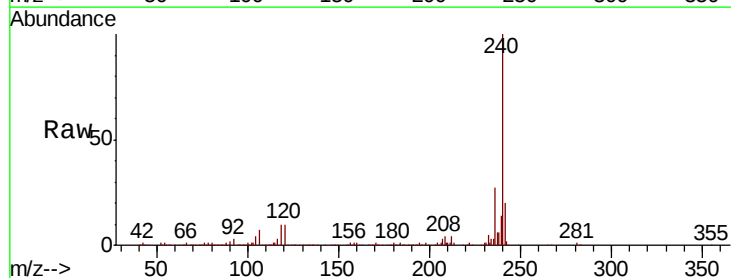
Tgt Ion:240 Resp: 386432

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

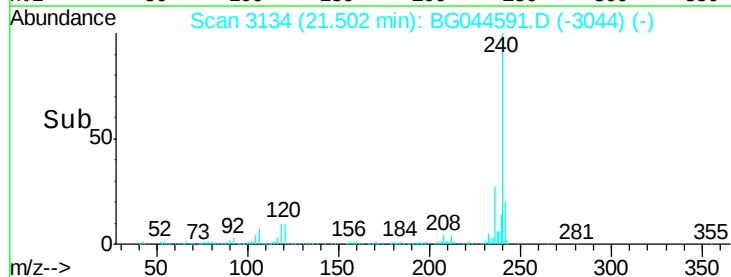
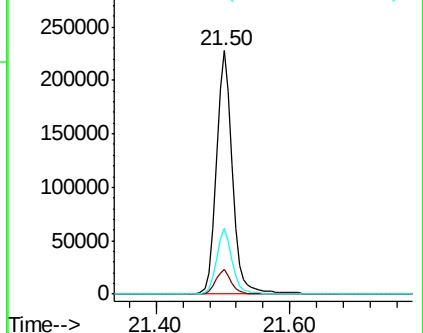
236 26.9 22.3 33.5

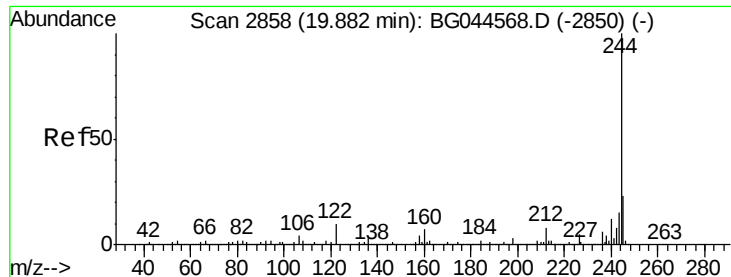


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.369 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Instrument :

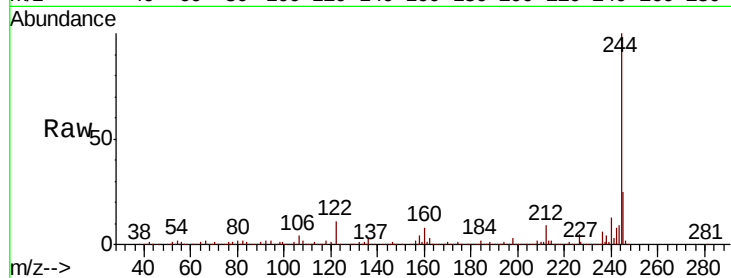
BNA_G

ClientSampleId :

HAM-WC-S-SB-010203

Tot Ion:244 Resp: 1763050

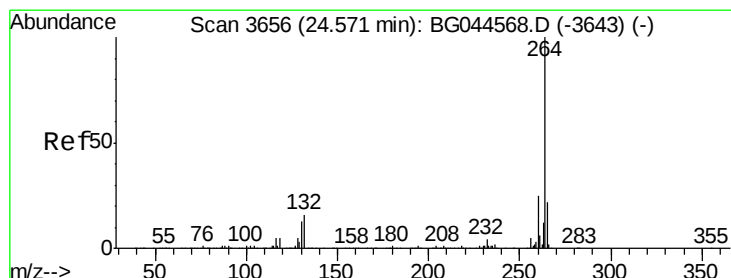
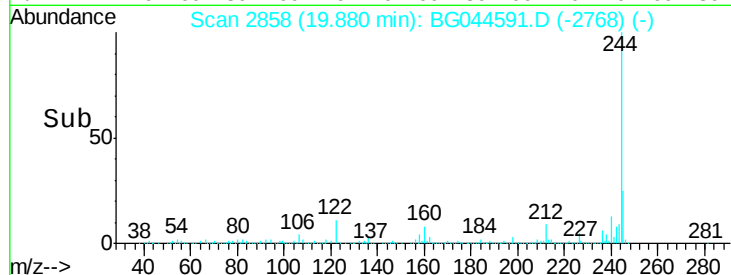
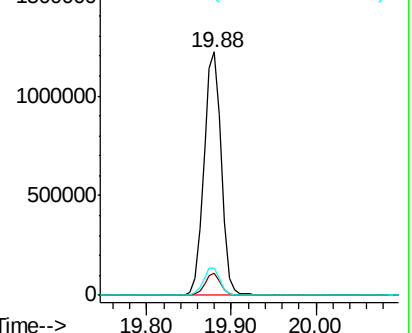
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.3	8.2	12.4



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: 24.57 min Scan# 3656

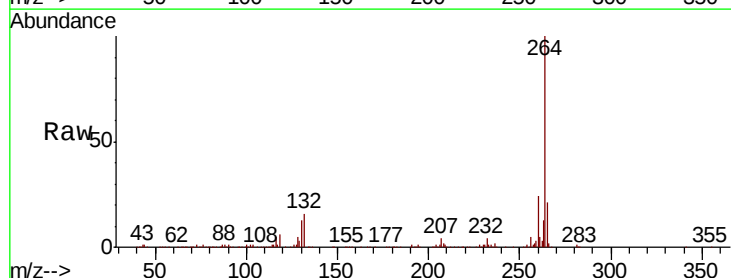
Delta R.T. -0.00 min

Lab File: BG044591.D

Acq: 26 Feb 2020 00:33

Tgt Ion:264 Resp: 397642

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.3	17.8	26.8



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

