

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044012.D
 Acq On : 10 Jan 2020 21:57
 Operator : JU
 Sample : L1068-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OB-3

Quant Time: Jan 11 05:52:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	138128	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	577694	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	348472	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	674113	20.00	ng	0.00
76) Chrysene-d12	21.57	240	560011	20.00	ng	-0.02
87) Perylene-d12	24.69	264	635617	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	524962	69.78	ng	0.00
7) Phenol-d6	7.12	99	771859	73.40	ng	0.00
23) Nitrobenzene-d5	9.11	82	470298	43.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	191230	52.44	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1035870	53.86	ng	-0.02
79) Terphenyl-d14	19.94	244	1328672	50.37	ng	-0.02

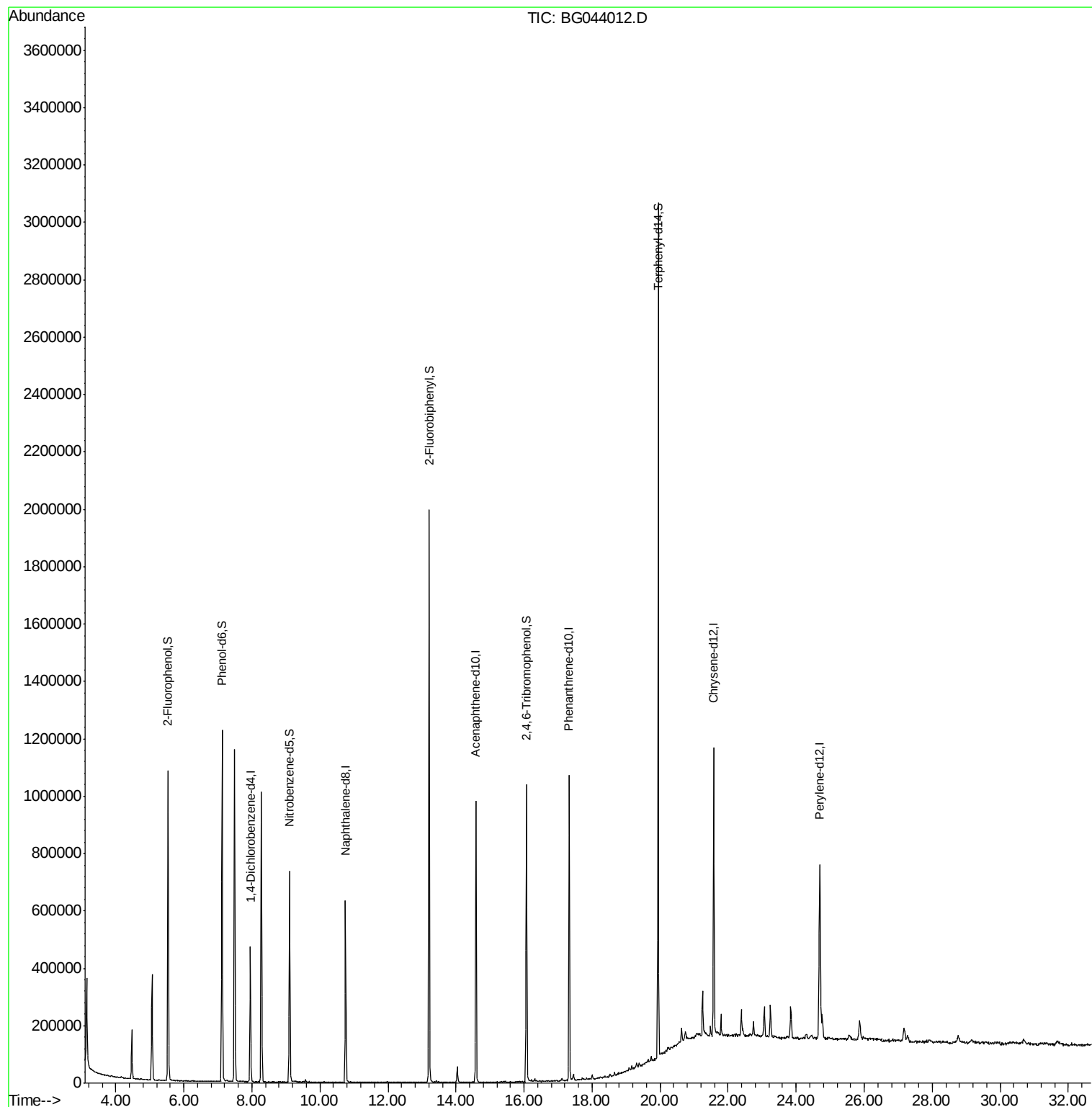
Target Compounds Qvalue

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

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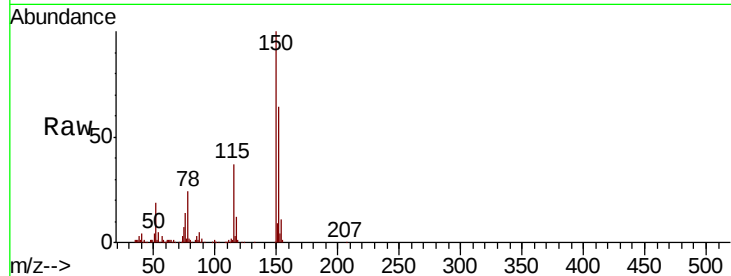


#1

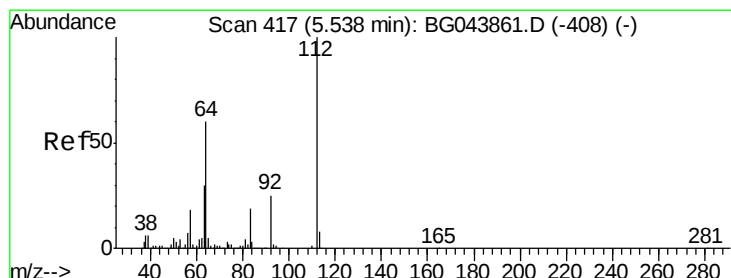
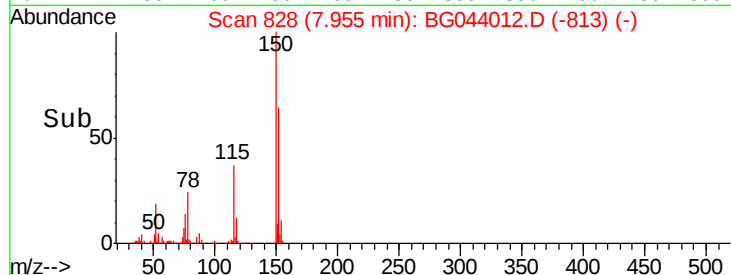
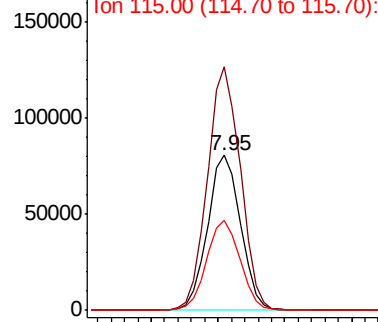
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044012.D
Acq: 10 Jan 2020 21:57

Instrument :
BNA_G
ClientSampleId :
OB-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.0	190.4
115	58.5	47.8	71.8



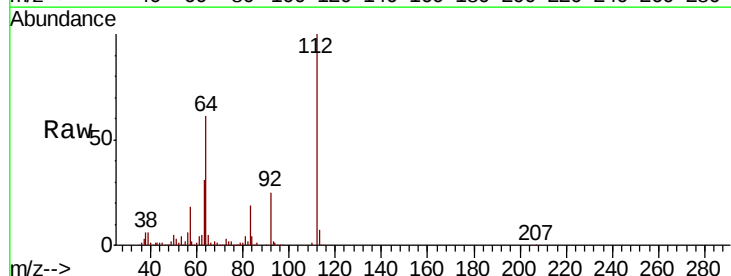
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



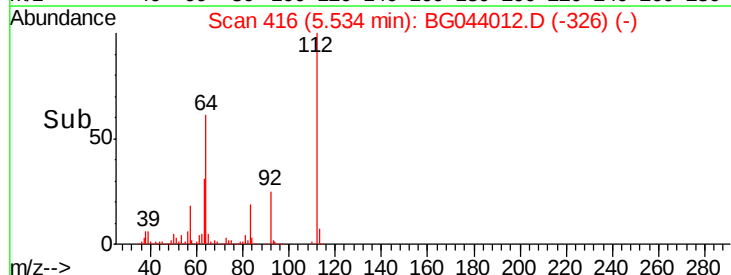
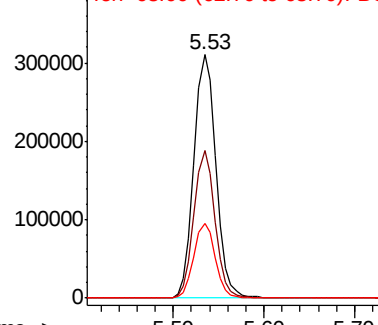
#5

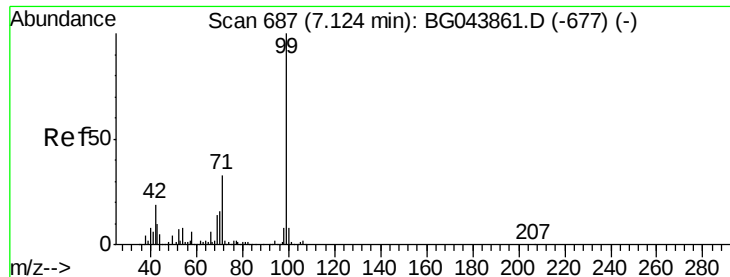
2-Fluorophenol
Concen: 69.783 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG044012.D
Acq: 10 Jan 2020 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.8	71.6
63	30.6	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 73.402 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampleId :

OB-3

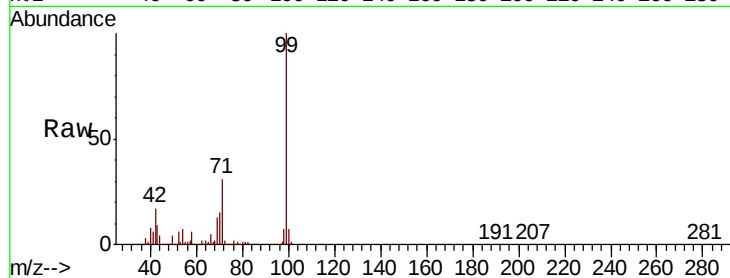
Tot Ion: 99 Resp: 771859

Ion Ratio Lower Upper

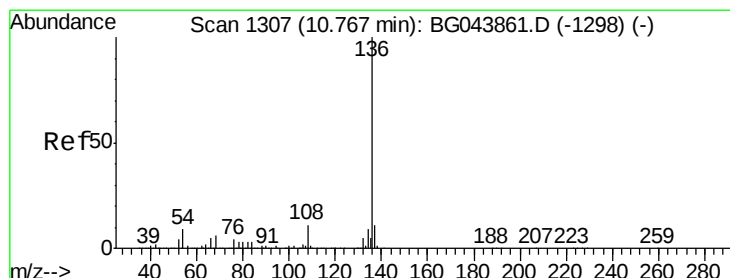
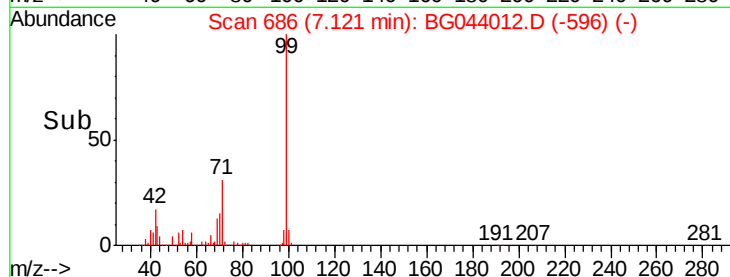
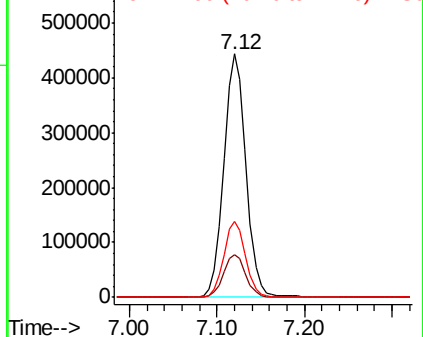
99 100

42 17.4 14.9 22.3

71 31.4 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Tgt Ion: 136 Resp: 577694

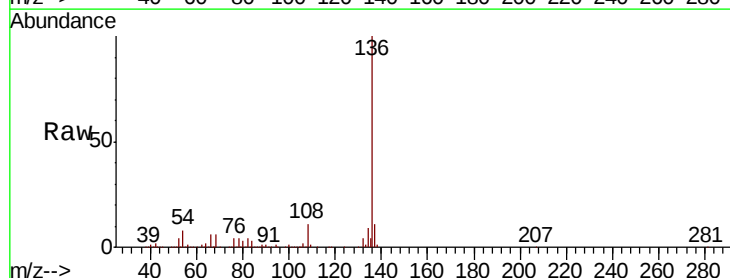
Ion Ratio Lower Upper

136 100

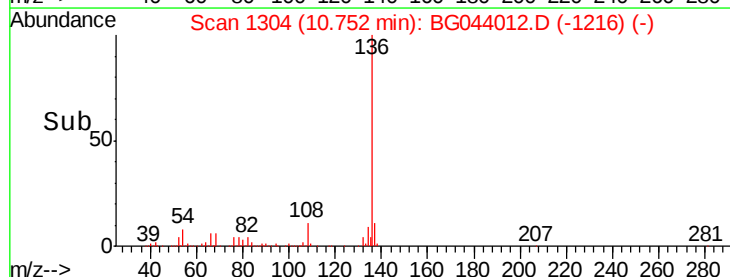
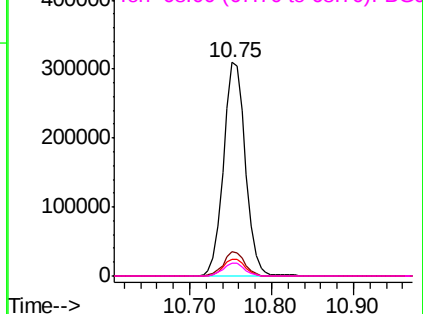
137 11.1 8.8 13.2

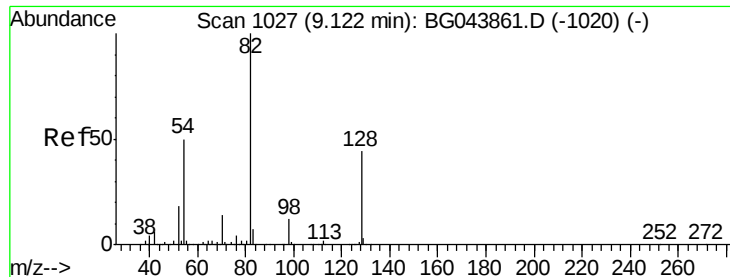
54 8.0 7.0 10.4

68 6.0 4.9 7.3



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

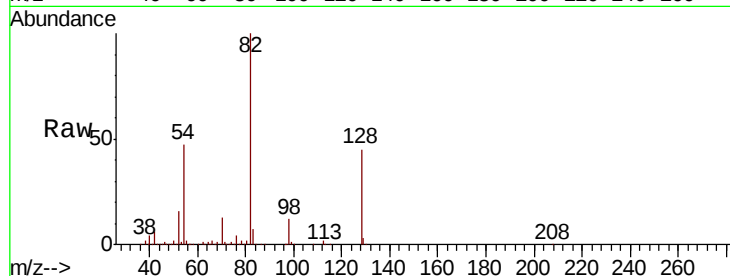




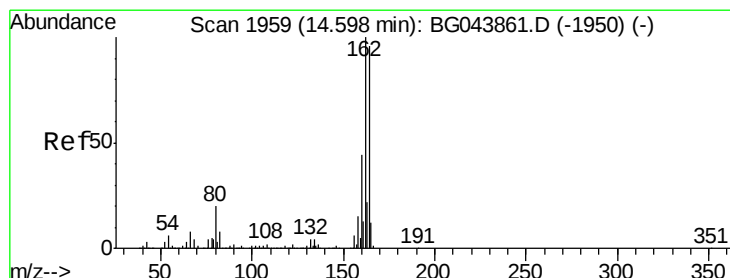
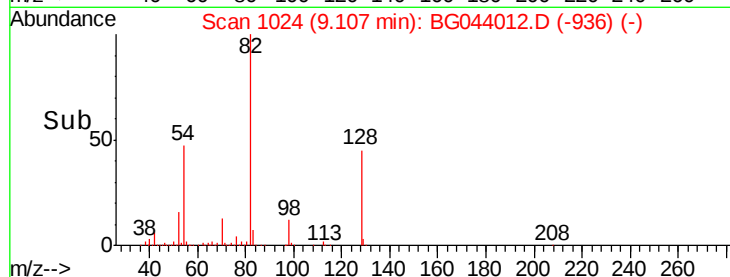
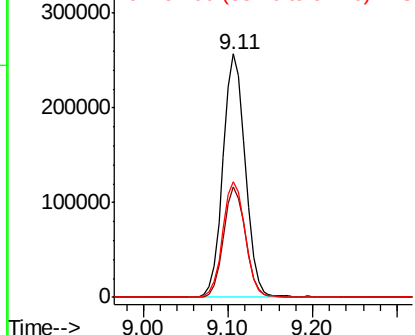
#23
Nitrobenzene-d5
Concen: 43.551 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044012.D
Acq: 10 Jan 2020 21:57

Instrument :
BNA_G
ClientSampleId :
OB-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	47.4	40.1	60.1

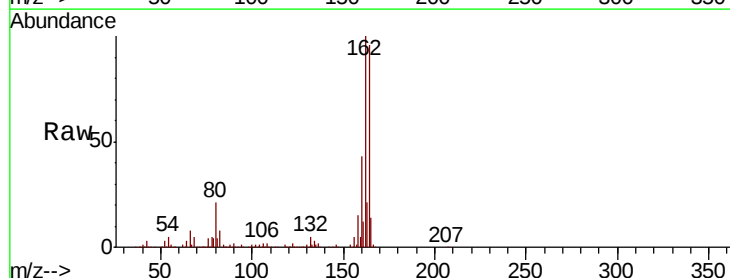


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

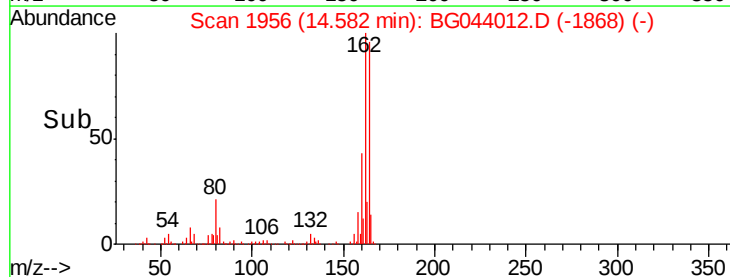
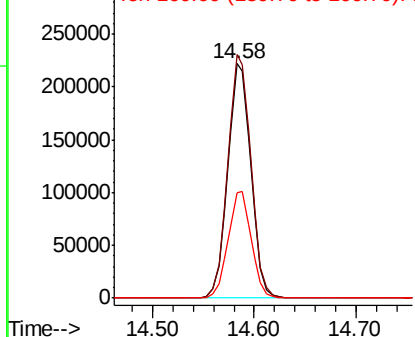


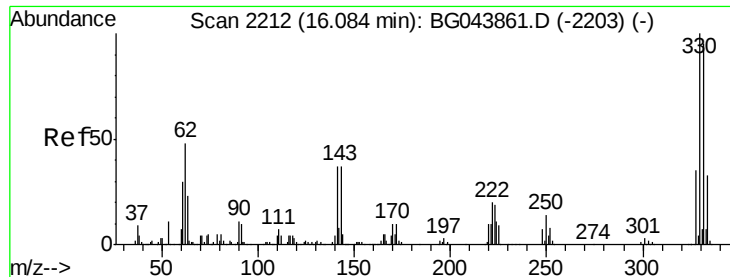
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044012.D
Acq: 10 Jan 2020 21:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	44.9	36.1	54.1



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: 52.439 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampleId :

OB-3

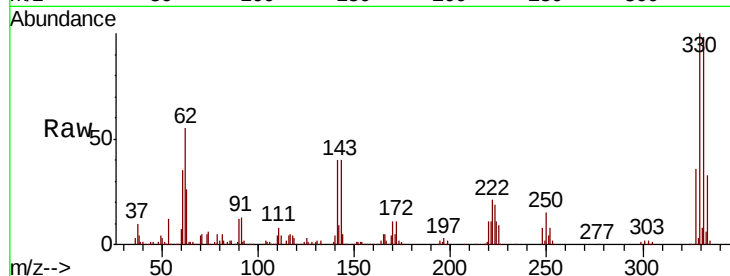
Tot Ion:330 Resp: 191230

Ion Ratio Lower Upper

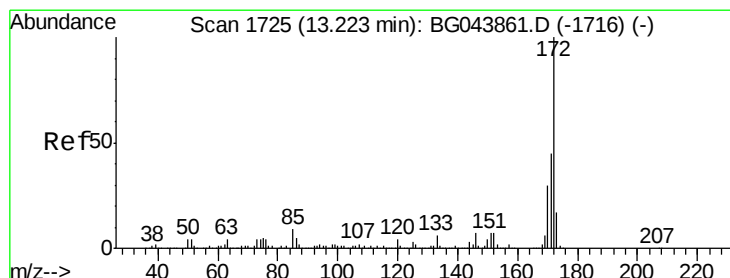
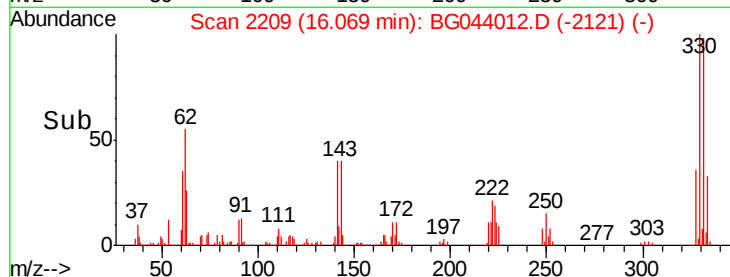
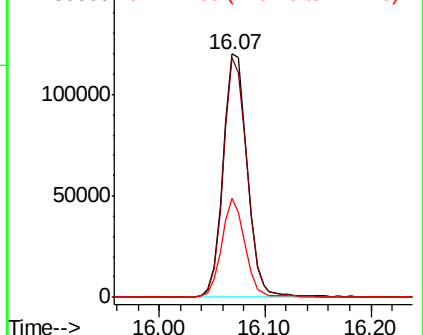
330 100

332 97.0 77.2 115.8

141 38.9 33.1 49.7



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: 53.857 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

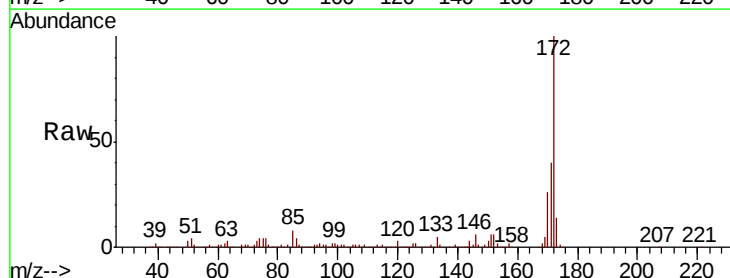
Tgt Ion:172 Resp: 1035870

Ion Ratio Lower Upper

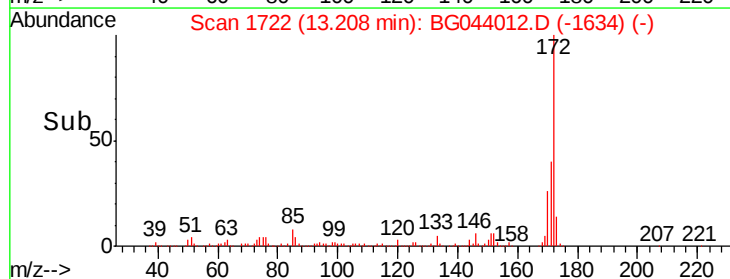
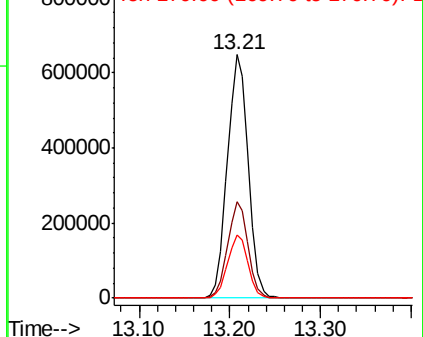
172 100

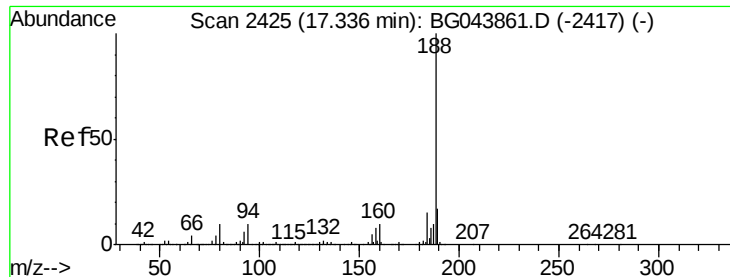
171 39.7 35.8 53.8

170 26.2 24.2 36.4



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: 17.33 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampled :

OB-3

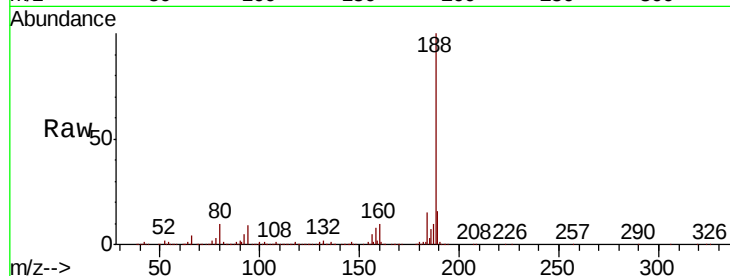
Tot Ion:188 Resp: 674113

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

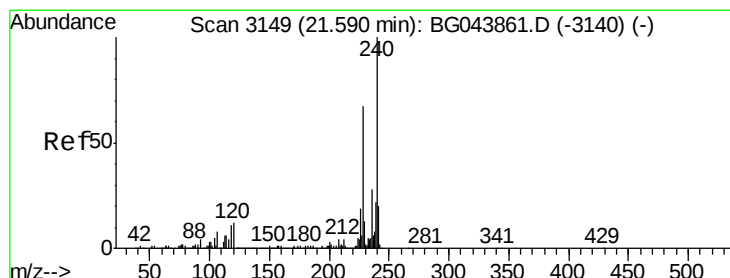
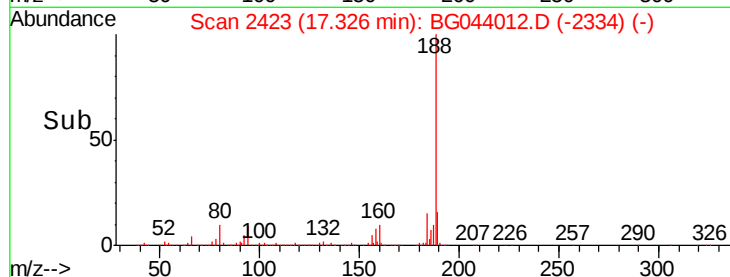
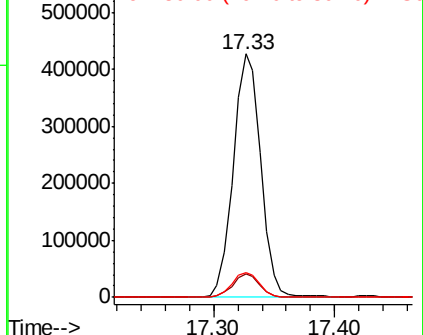
80 10.4 8.2 12.4



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: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

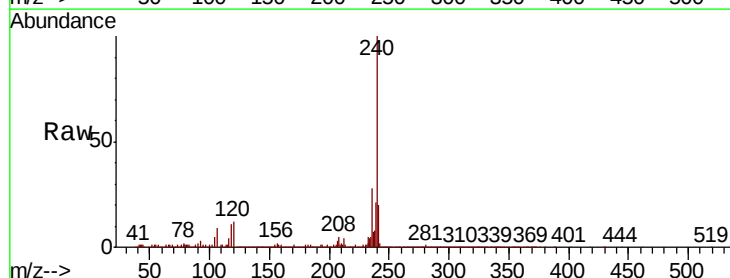
Tgt Ion:240 Resp: 560011

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

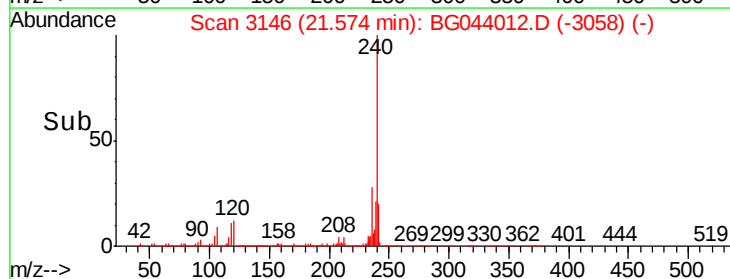
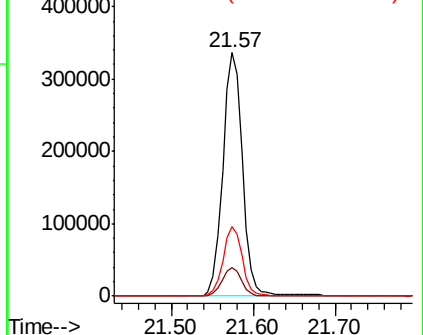
236 28.3 22.2 33.2

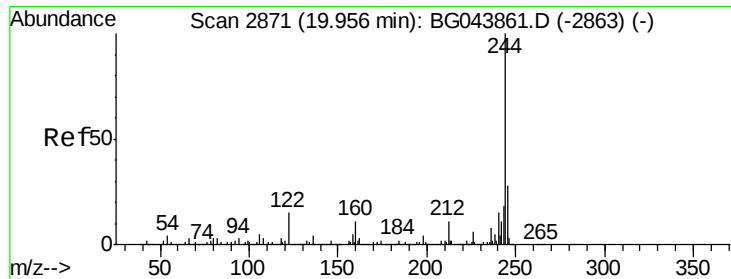


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 50.371 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

Instrument :

BNA_G

ClientSampled :

OB-3

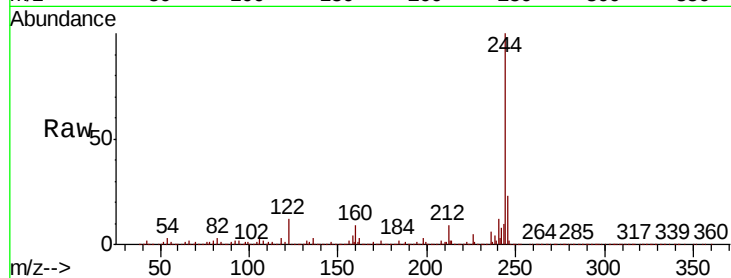
Tot Ion:244 Resp: 1328672

Ion Ratio Lower Upper

244 100

212 8.8 8.6 13.0

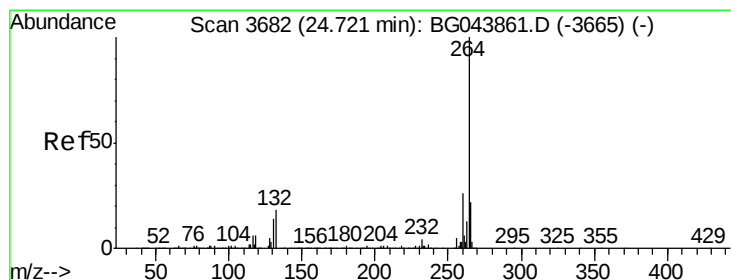
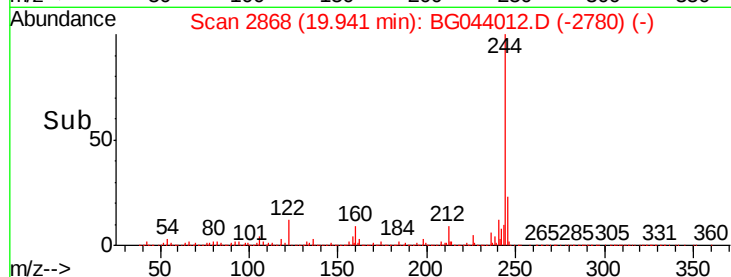
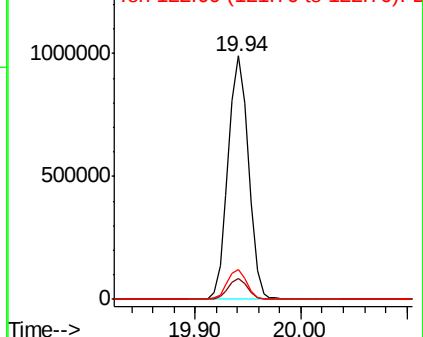
122 12.4 11.9 17.9



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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044012.D

Acq: 10 Jan 2020 21:57

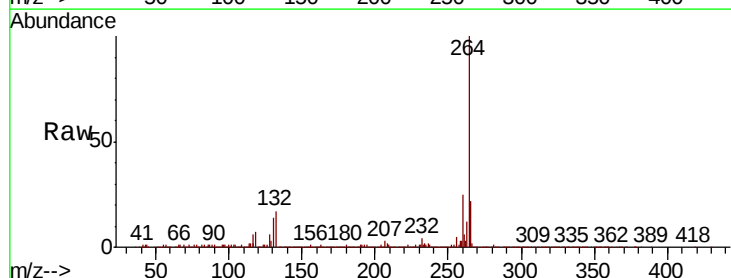
Tgt Ion:264 Resp: 635617

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.1 17.4 26.2



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

