

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043920.D
 Acq On : 4 Jan 2020 13:32
 Operator : JU
 Sample : L1010-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-010220

Quant Time: Jan 06 05:50:37 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	7.96	152	128703	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	544363	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	362192	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	790535	20.00	ng	0.00
76) Chrysene-d12	21.59	240	697256	20.00	ng	0.00
87) Perylene-d12	24.71	264	758406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1114240	158.96	ng	0.00
7) Phenol-d6	7.14	99	1543980	157.58	ng	0.01
23) Nitrobenzene-d5	9.12	82	937775	92.16	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	556661	146.87	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1952448	97.67	ng	0.00
79) Terphenyl-d14	19.95	244	2729499	98.22	ng	0.00

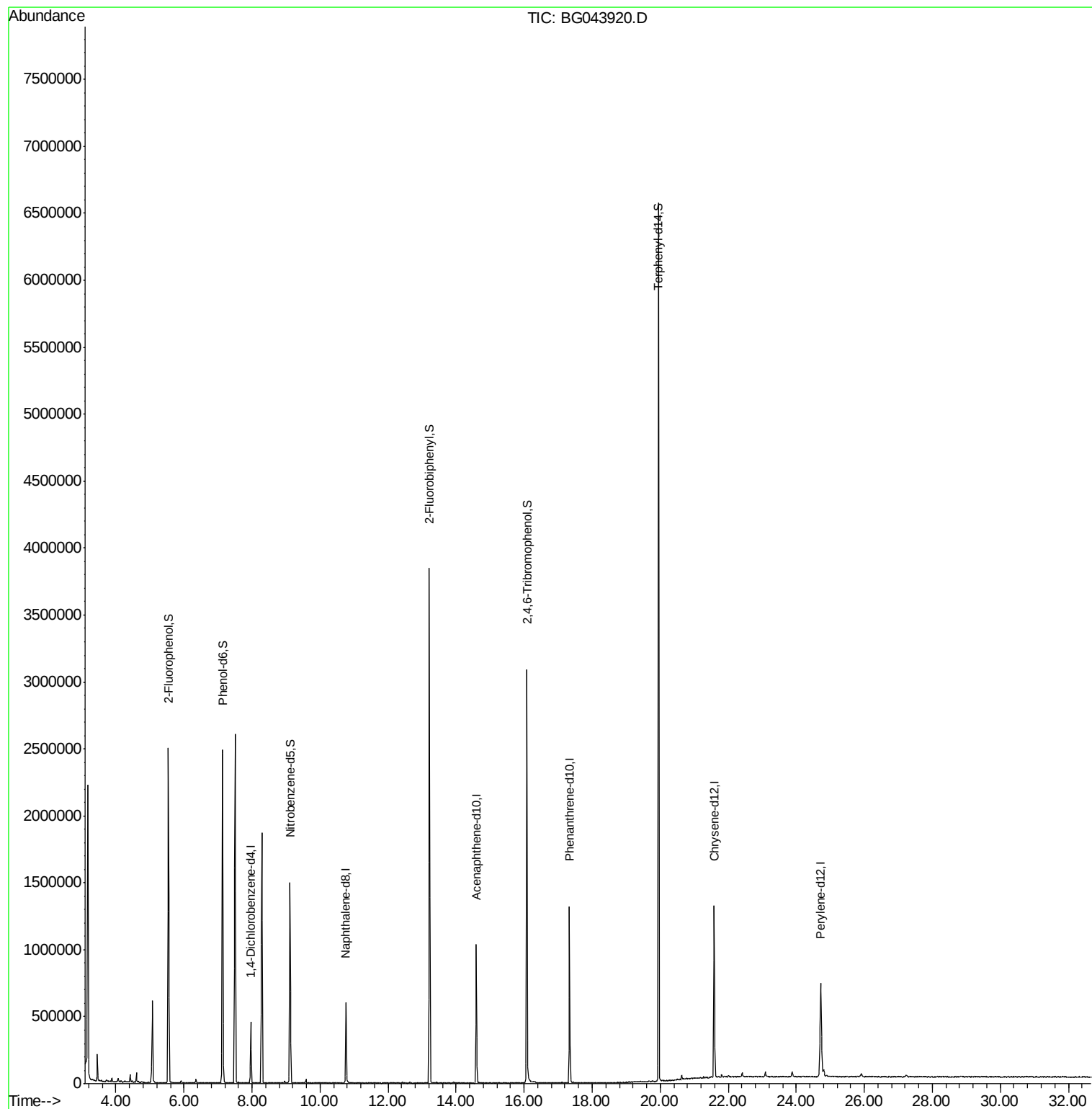
Target Compounds Qvalue

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

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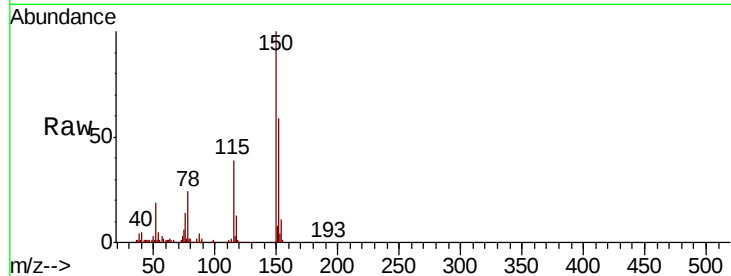


#1

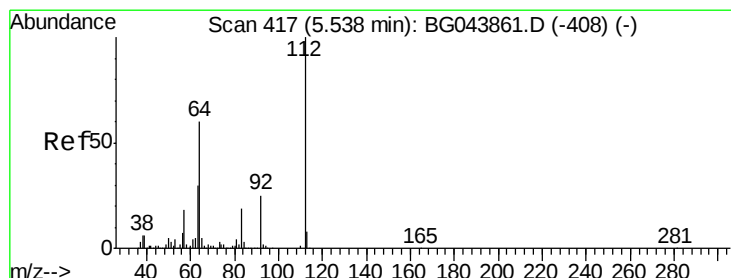
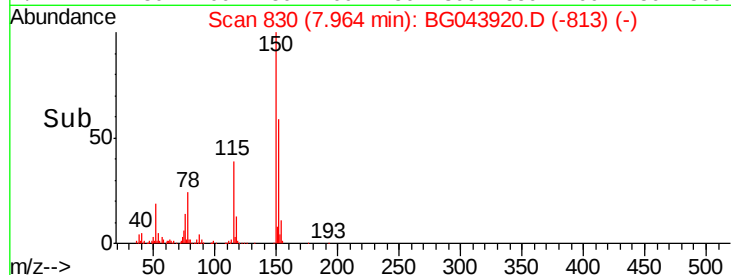
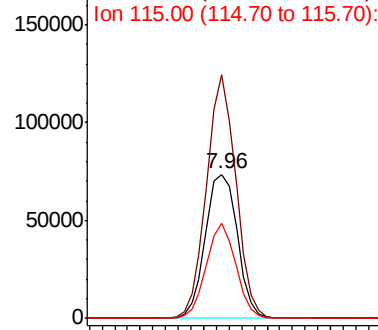
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043920.D
Acq: 4 Jan 2020 13:32

Instrument :
BNA_G
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.8	127.0	190.4
115	66.4	47.8	71.8



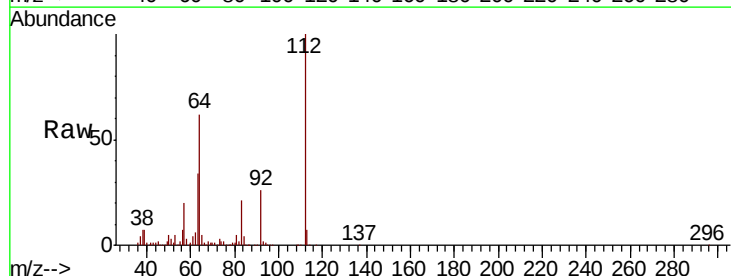
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



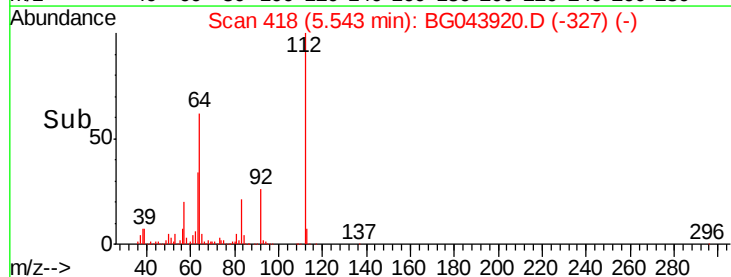
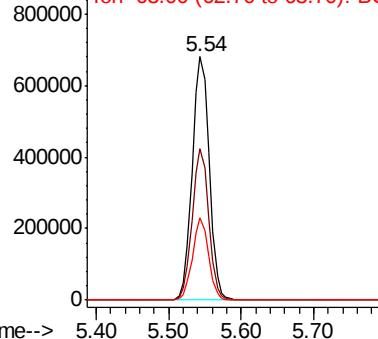
#5

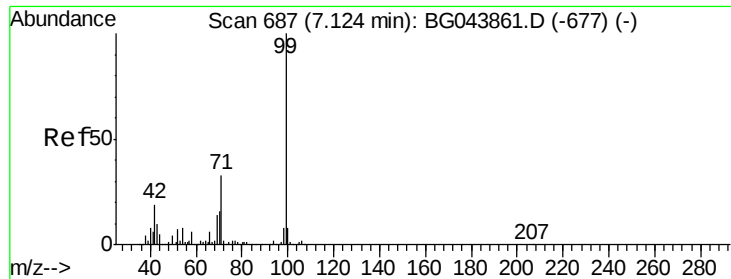
2-Fluorophenol
Concen: 158.961 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043920.D
Acq: 4 Jan 2020 13:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.8	71.6
63	33.7	24.3	36.5



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: 157.581 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043920.D

Acq: 4 Jan 2020 13:32

Instrument :

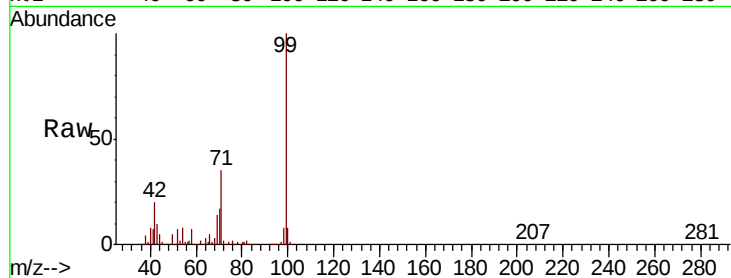
BNA_G

ClientSampleId :

OK-01-010220

Tot Ion: 99 Resp: 1543980

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.9	22.3
71	35.0	26.4	39.6

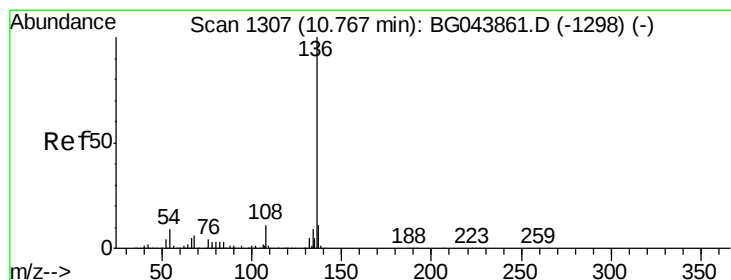
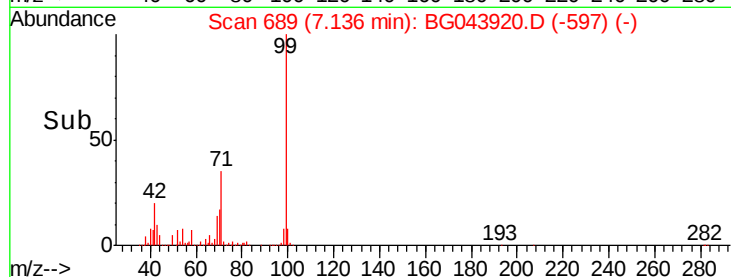
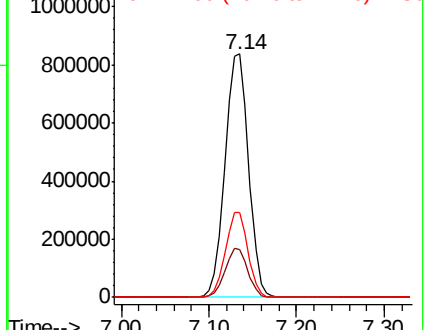


Abundance

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: 10.76 min Scan# 1306

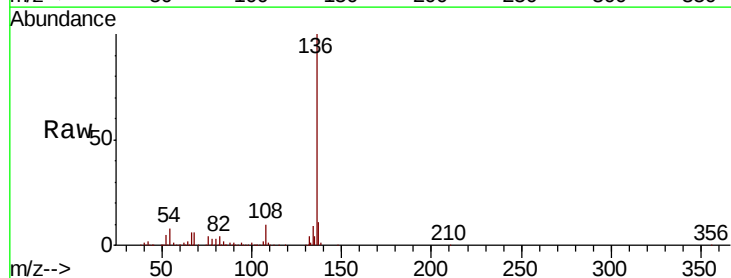
Delta R.T. -0.01 min

Lab File: BG043920.D

Acq: 4 Jan 2020 13:32

Tgt Ion: 136 Resp: 544363

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	7.0	10.4
68	5.7	4.9	7.3



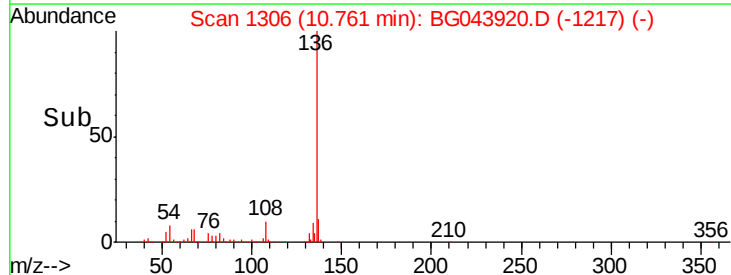
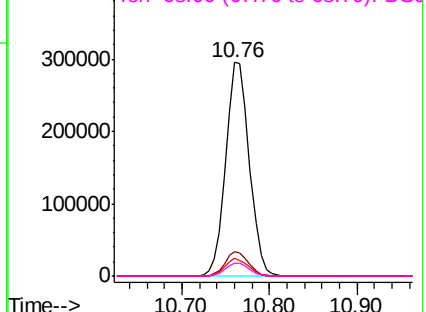
Abundance

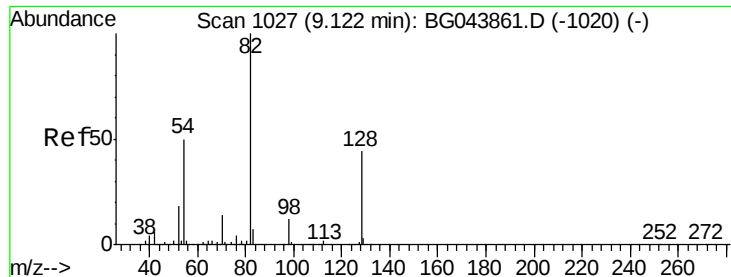
Ion 136.00 (135.70 to 136.70): BGC

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

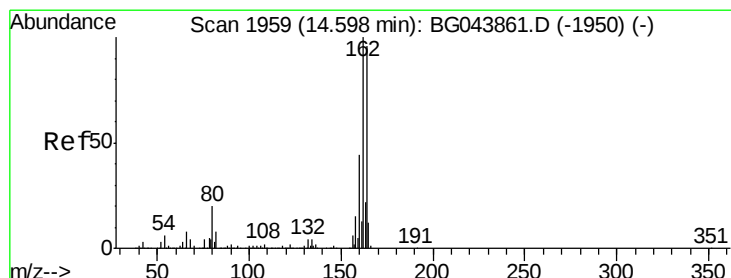
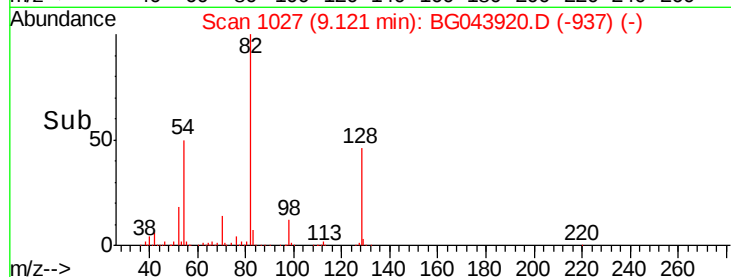
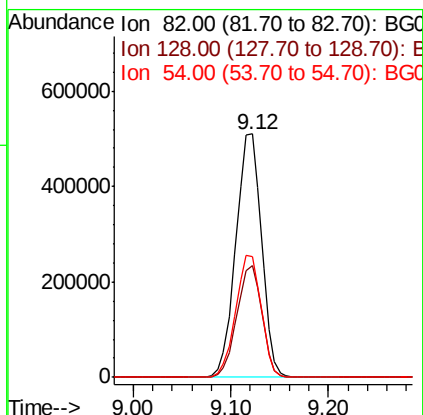
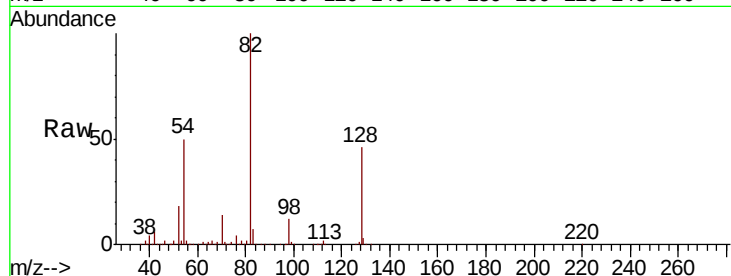




#23
Nitrobenzene-d5
Concen: 92.157 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG043920.D
Acq: 4 Jan 2020 13:32

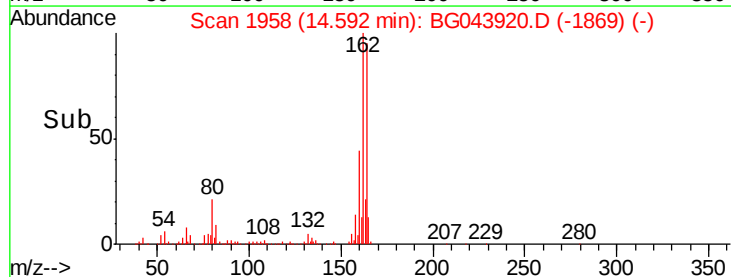
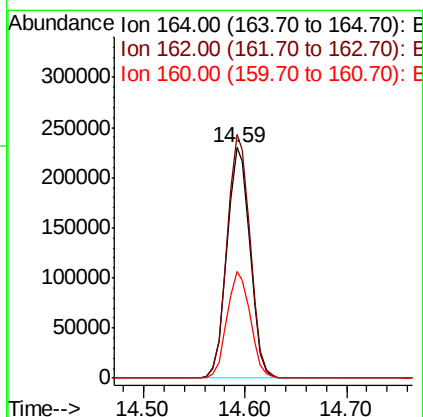
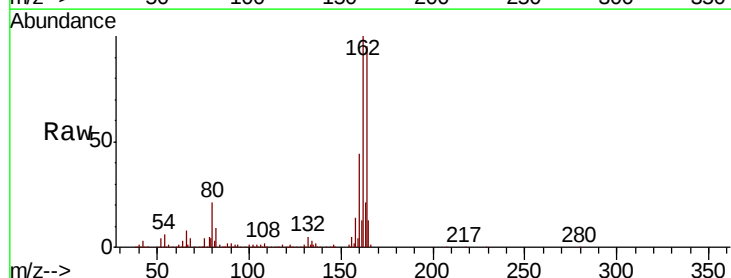
Instrument :
BNA_G
ClientSampleId :
OK-01-010220

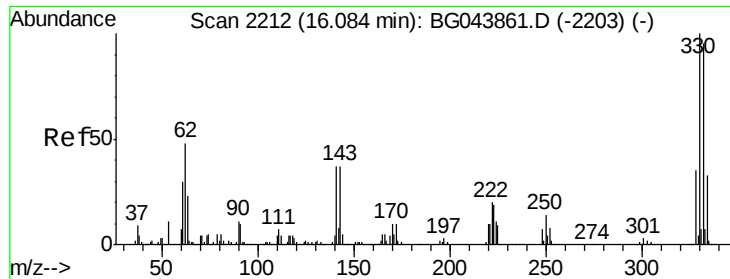
Tot Ion: 82 Resp: 937775
Ion Ratio Lower Upper
82 100
128 45.8 35.1 52.7
54 49.7 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043920.D
Acq: 4 Jan 2020 13:32

Tgt Ion: 164 Resp: 362192
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.4
160 46.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 146.866 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043920.D

Acq: 4 Jan 2020 13:32

Instrument :

BNA_G

ClientSampleId :

OK-01-010220

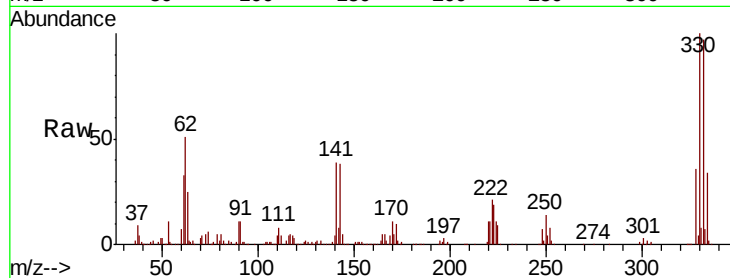
Tot Ion:330 Resp: 556661

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

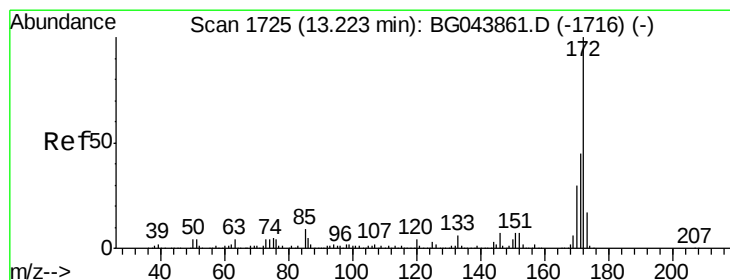
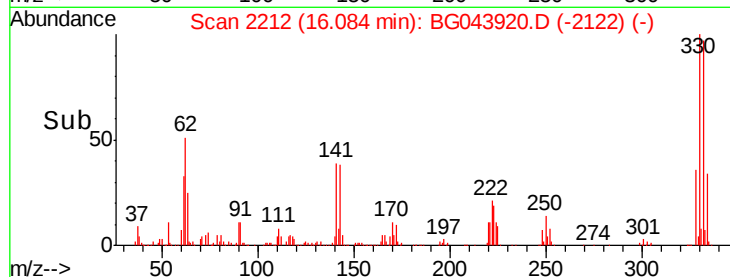
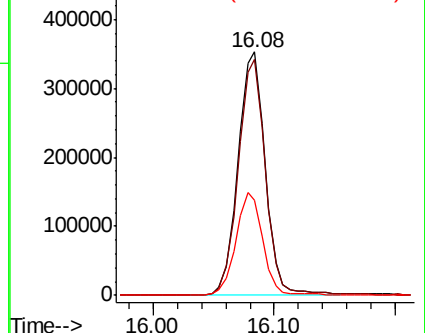
141 41.7 33.1 49.7



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: 97.666 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG043920.D

Acq: 4 Jan 2020 13:32

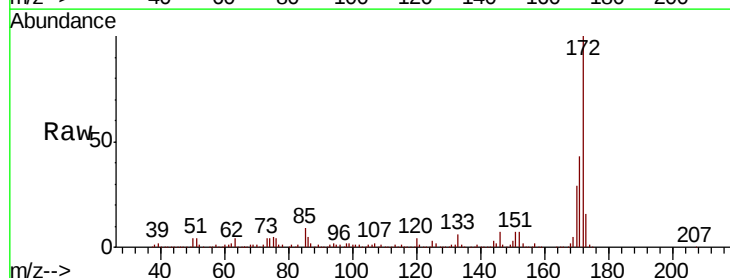
Tgt Ion:172 Resp: 1952448

Ion Ratio Lower Upper

172 100

171 42.6 35.8 53.8

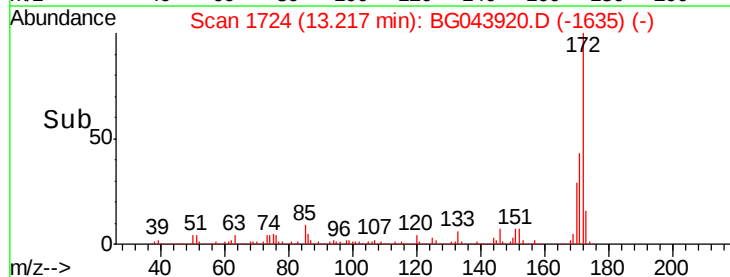
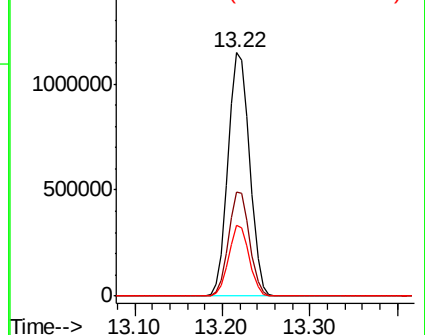
170 29.3 24.2 36.4

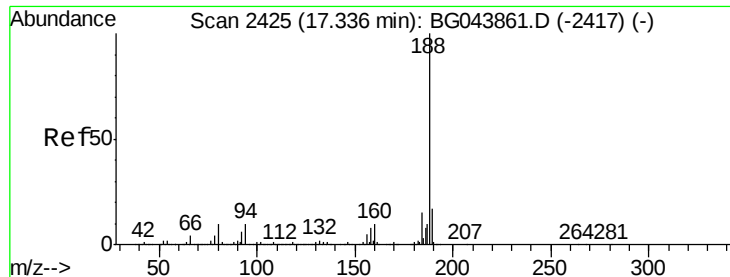


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043920.D

Acq: 4 Jan 2020 13:32

Instrument :

BNA_G

ClientSampleId :

OK-01-010220

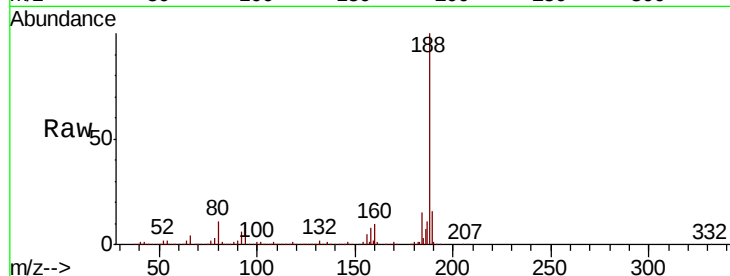
Tot Ion:188 Resp: 790535

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

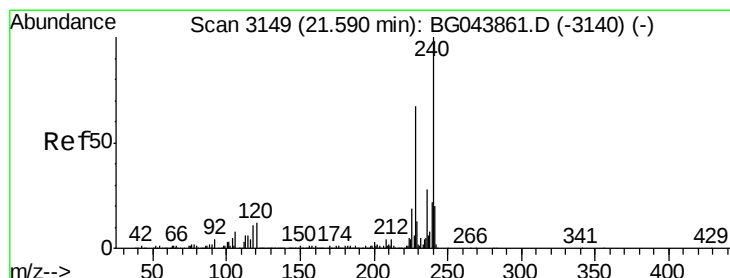
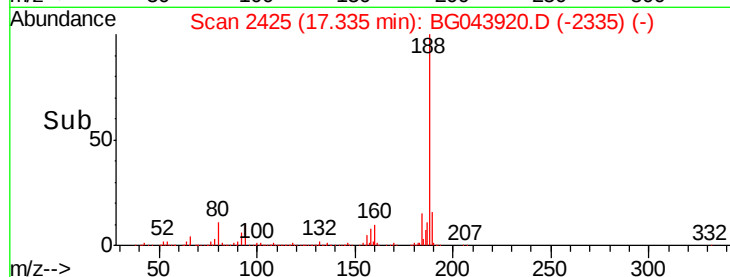
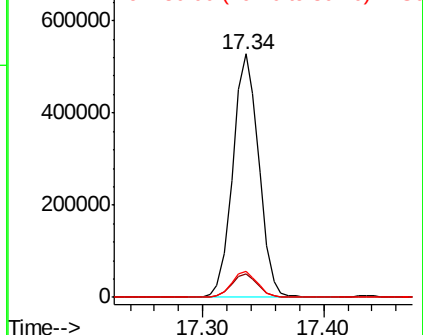
80 10.8 8.2 12.4



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: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043920.D

Acq: 4 Jan 2020 13:32

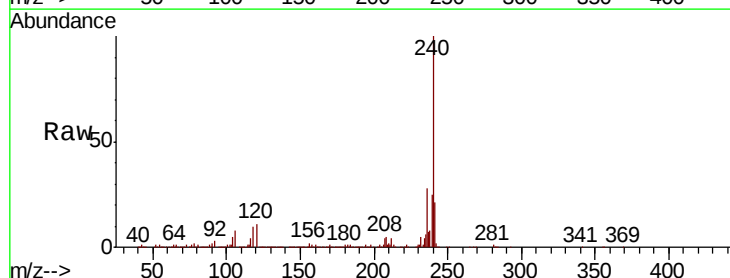
Tgt Ion:240 Resp: 697256

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

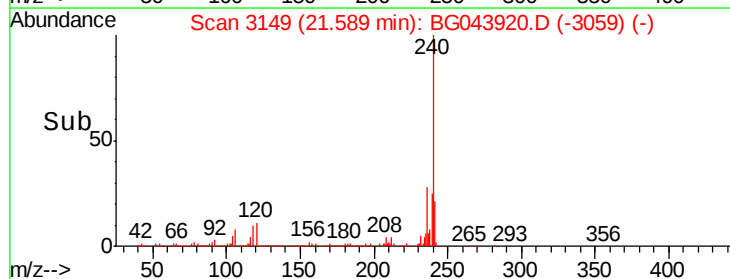
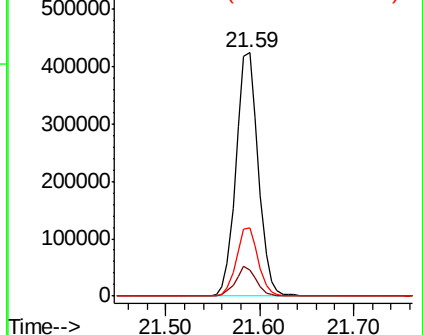
236 27.8 22.2 33.2

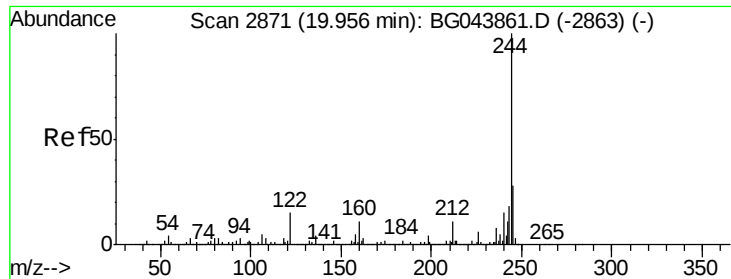


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

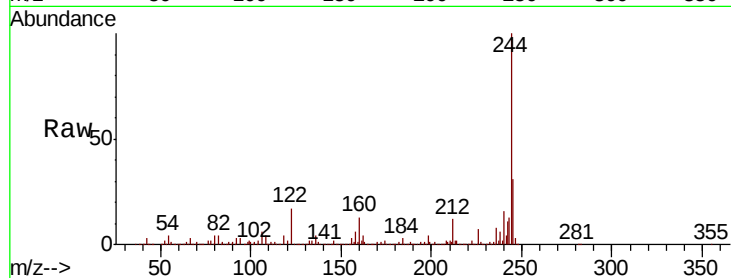




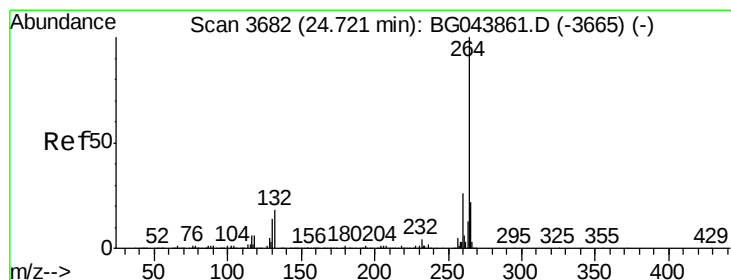
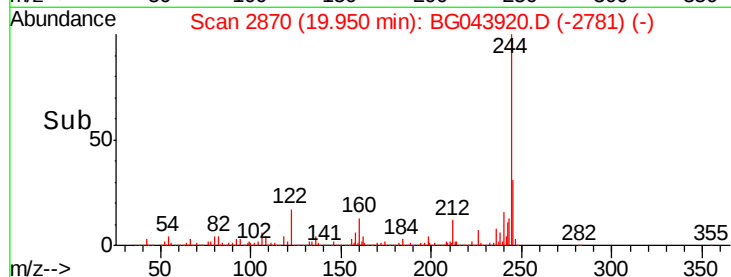
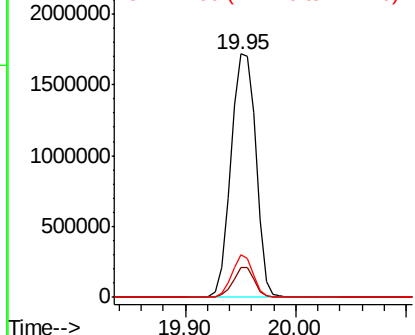
#79
 Terphenyl-d14
 Concen: 98.221 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043920.D
 Acq: 4 Jan 2020 13:32

Instrument :
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 ClientSampleId :
 OK-01-010220

Tot Ion:244 Resp: 2729499
 Ion Ratio Lower Upper
 244 100
 212 12.2 8.6 13.0
 122 17.3 11.9 17.9

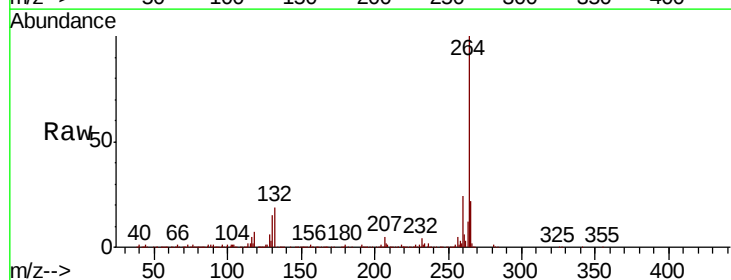


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043920.D
 Acq: 4 Jan 2020 13:32

Tgt Ion:264 Resp: 758406
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.4 30.6
 265 21.7 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

