

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043987.D
 Acq On : 9 Jan 2020 5:10
 Operator : JU
 Sample : L1013-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-010720

Quant Time: Jan 09 07:39:57 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	111746	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	450120	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	285387	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	639730	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	555825	20.00	ng	-0.02
87) Perylene-d12	24.69	264	608524	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	899878	147.86	ng	0.00
7) Phenol-d6	7.12	99	1165561	137.01	ng	0.00
23) Nitrobenzene-d5	9.11	82	761273	90.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	484956	162.38	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1588544	100.85	ng	-0.02
79) Terphenyl-d14	19.94	244	2393030	112.58	ng	-0.02

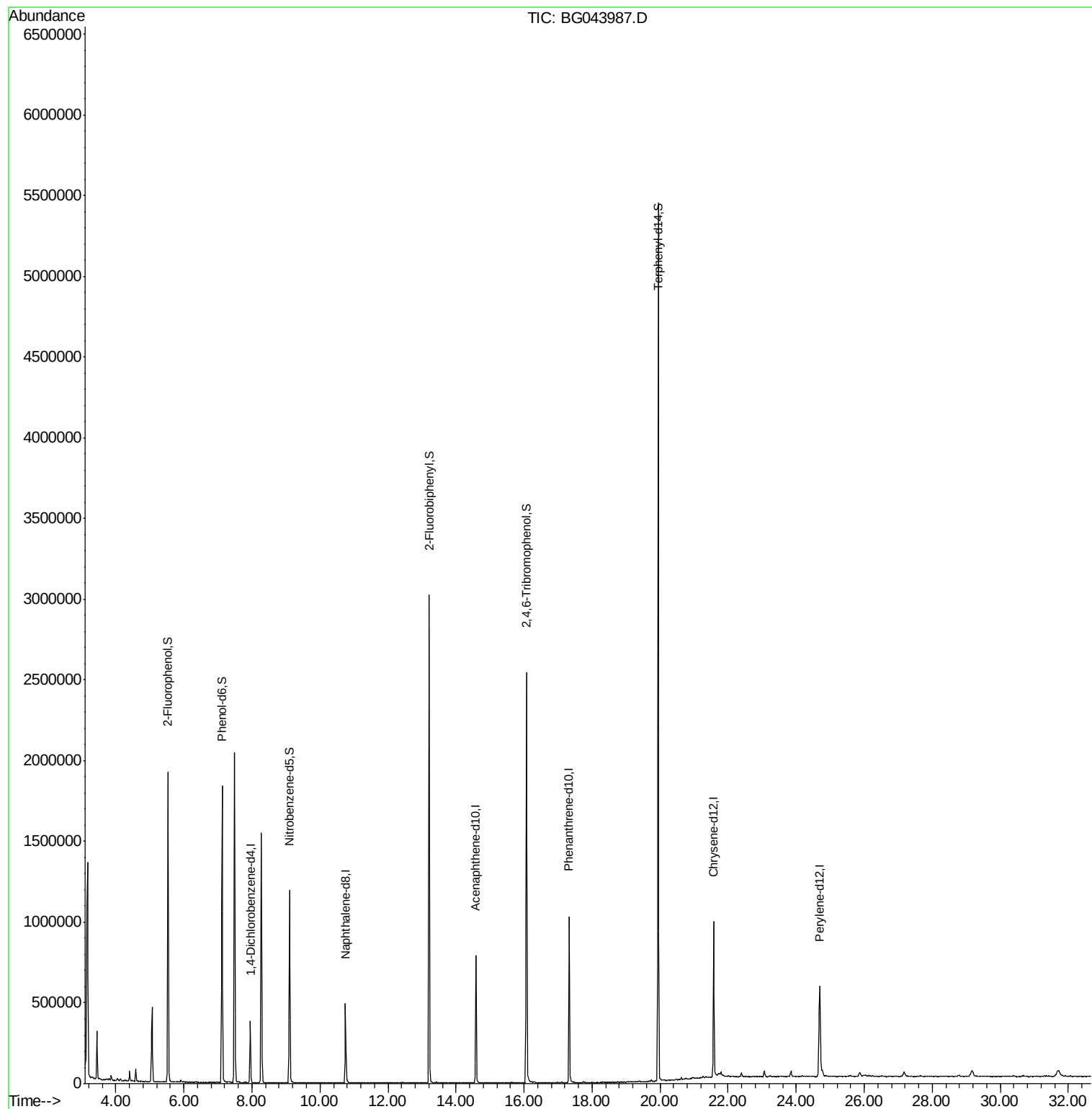
Target Compounds Qvalue

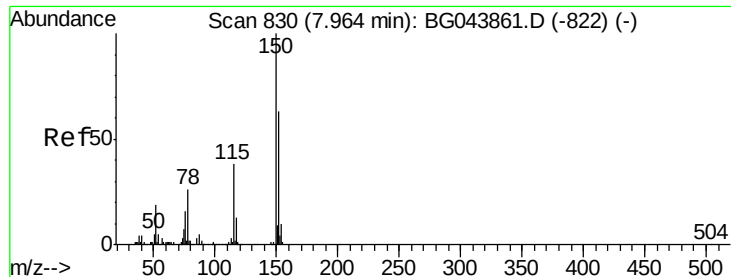
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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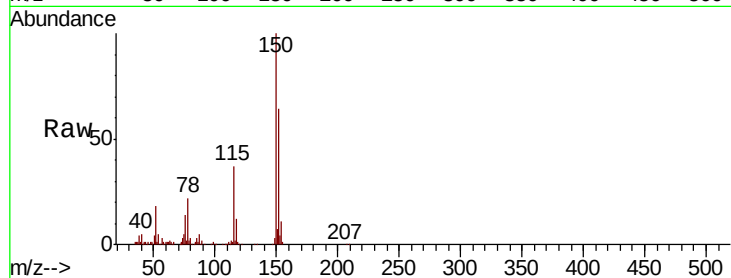


#1

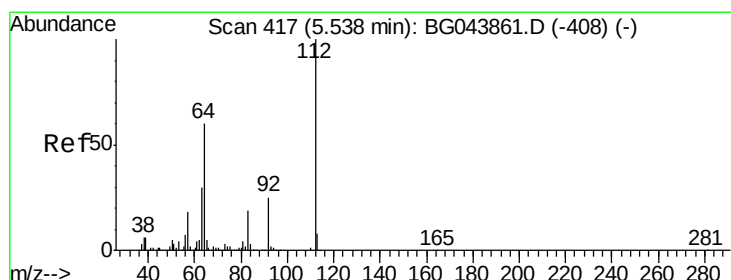
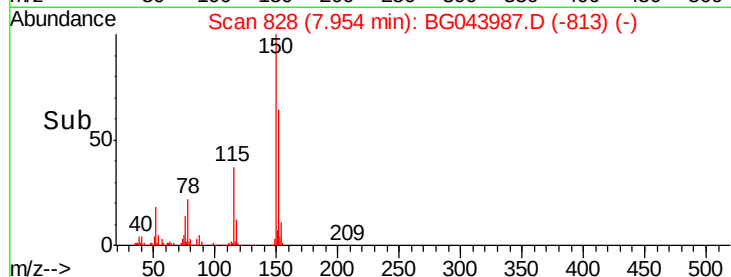
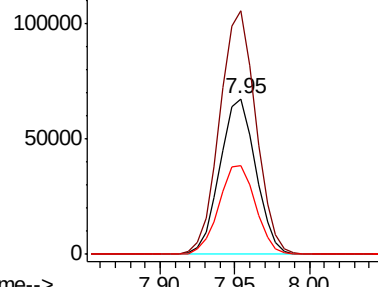
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043987.D
Acq: 9 Jan 2020 5:10

Instrument :
BNA_G
ClientSampleId :
PL-01-010720

Tot Ion:152 Resp: 111746
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.4
115 57.3 47.8 71.8



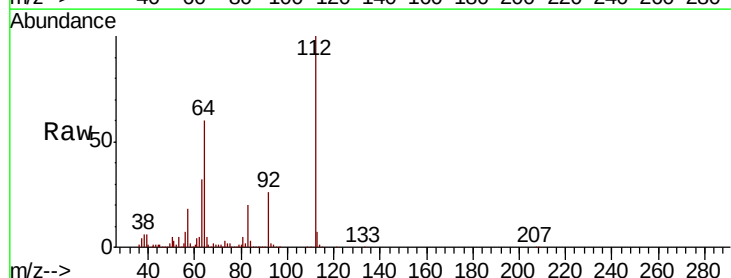
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



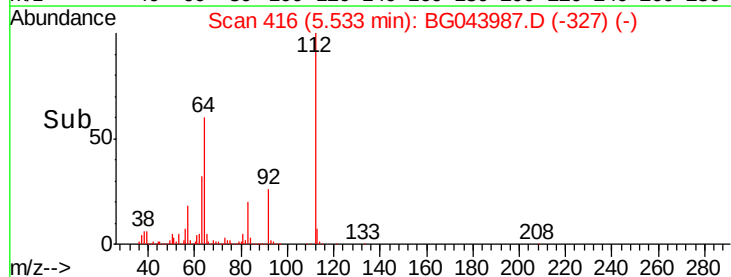
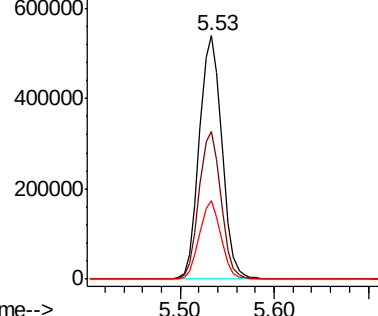
#5

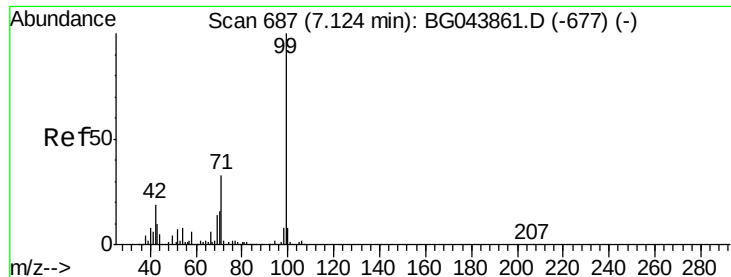
2-Fluorophenol
Concen: 147.861 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG043987.D
Acq: 9 Jan 2020 5:10

Tgt Ion:112 Resp: 899878
Ion Ratio Lower Upper
112 100
64 60.4 47.8 71.6
63 32.0 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: 137.010 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043987.D

Acq: 9 Jan 2020 5:10

Instrument :

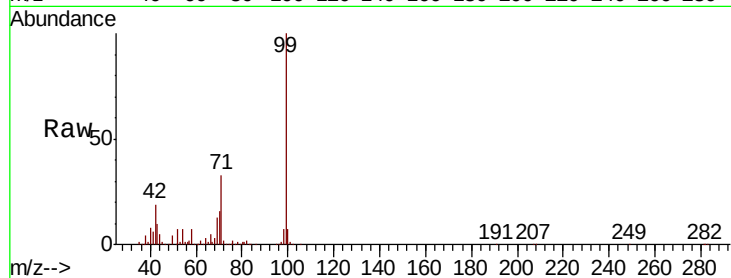
BNA_G

ClientSampleId :

PL-01-010720

Tot Ion: 99 Resp: 1165561

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.1	26.4	39.6

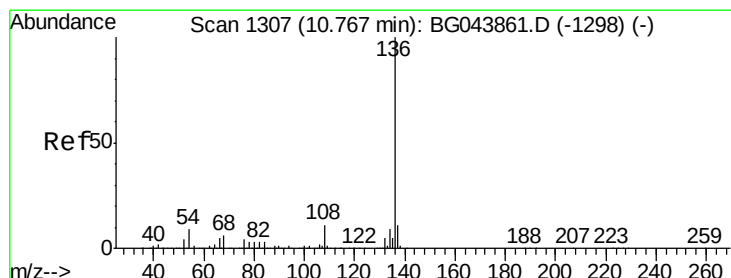
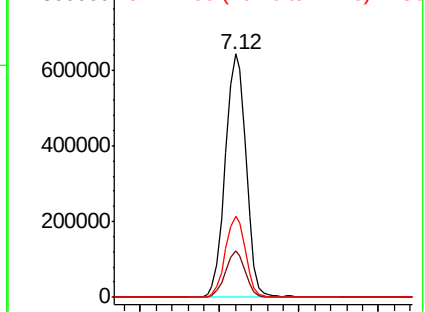
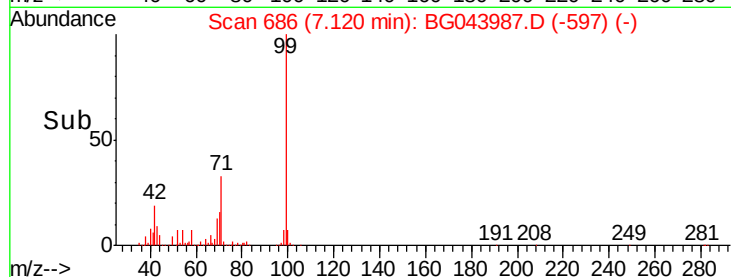


Abundance

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

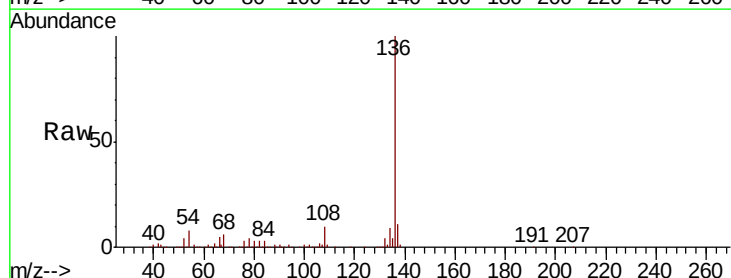
Delta R.T. -0.02 min

Lab File: BG043987.D

Acq: 9 Jan 2020 5:10

Tgt Ion: 136 Resp: 450120

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	7.0	10.4
68	5.9	4.9	7.3



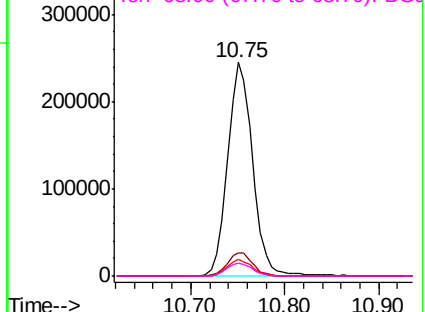
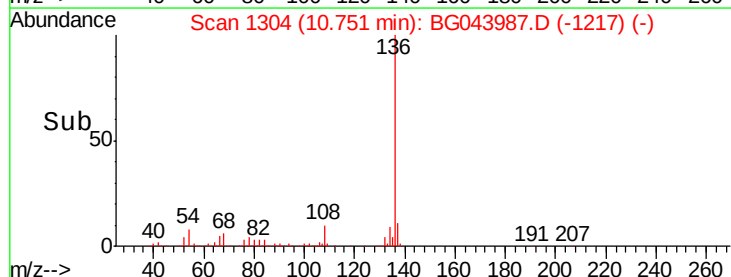
Abundance

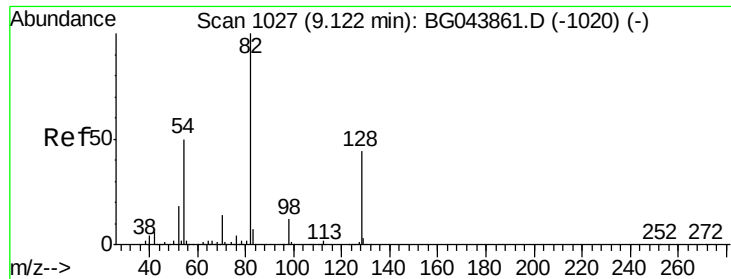
Ion 136.00 (135.70 to 136.70): BGC

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

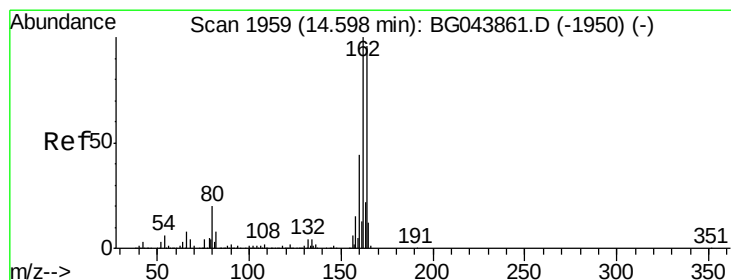
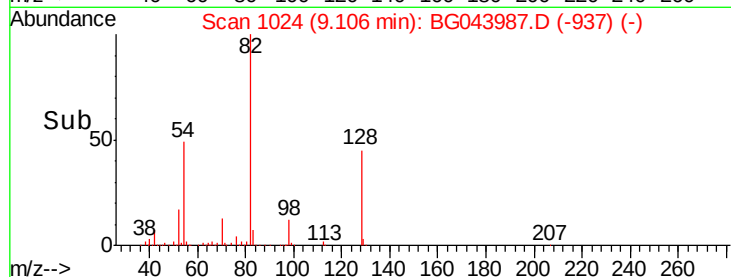
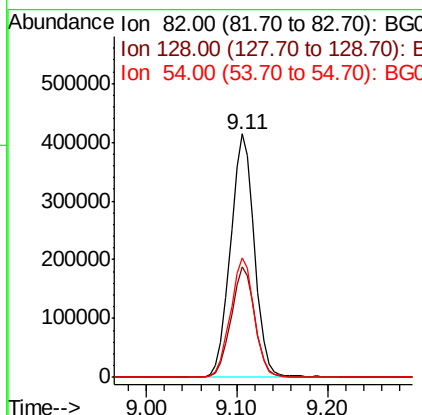
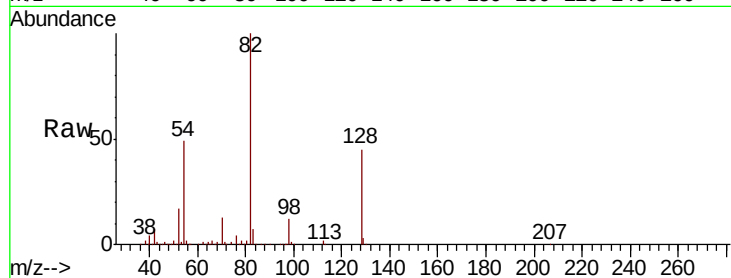




#23
 Nitrobenzene-d5
 Concen: 90.476 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG043987.D
 Acq: 9 Jan 2020 5:10

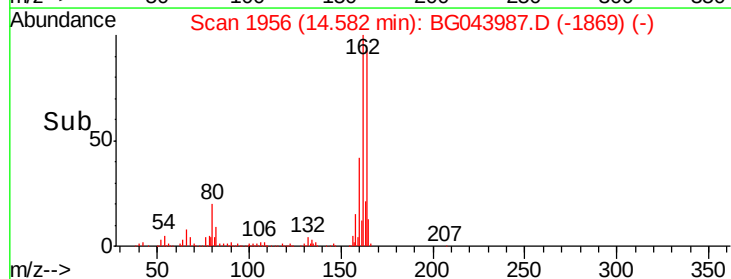
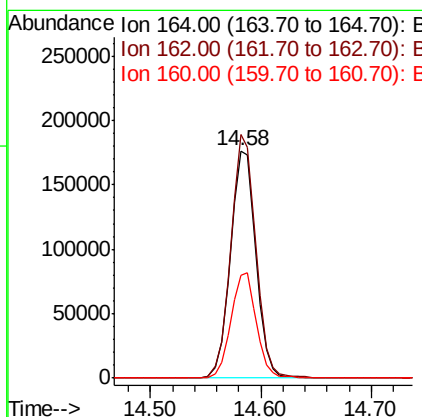
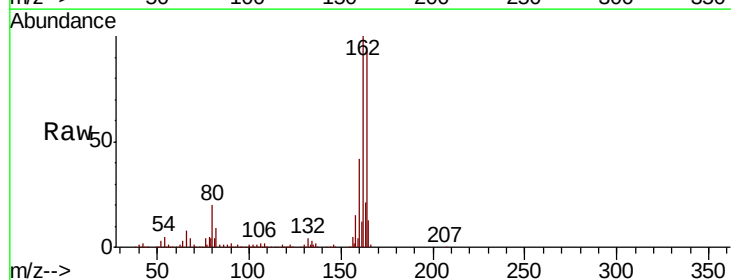
Instrument :
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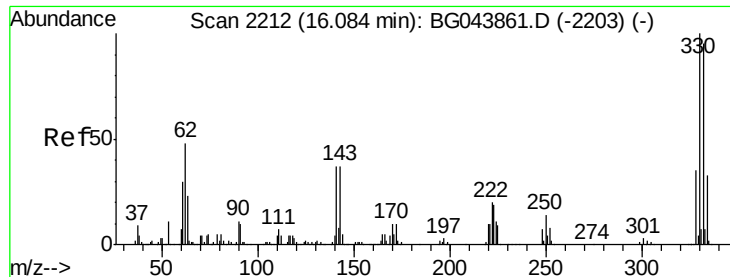
Tot Ion	82	Resp	761273
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	49.0	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BG043987.D
 Acq: 9 Jan 2020 5:10

Tgt Ion	164	Resp	285387
Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.0	124.4
160	45.5	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 162.382 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG043987.D

Acq: 9 Jan 2020 5:10

Instrument :

BNA_G

ClientSampleId :

PL-01-010720

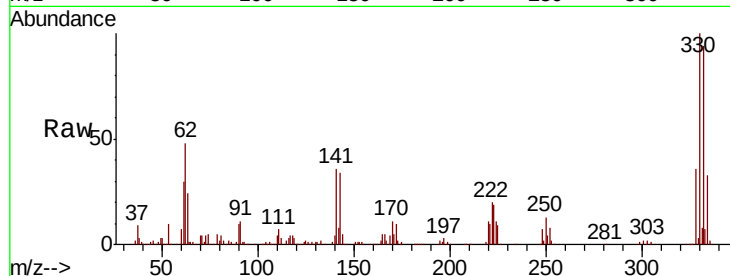
Tot Ion:330 Resp: 484956

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

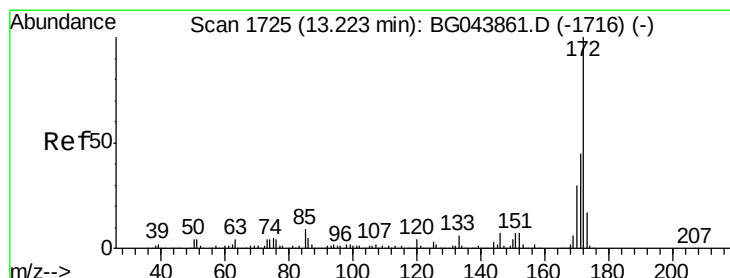
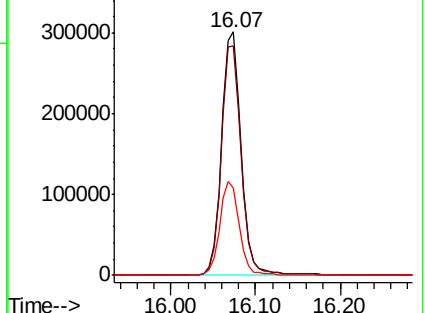
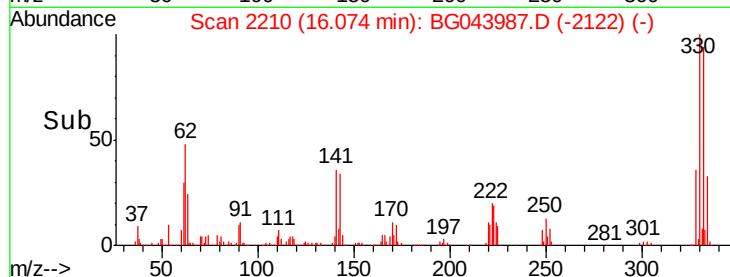
141 39.0 33.1 49.7



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: 100.848 ng

RT: 13.21 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG043987.D

Acq: 9 Jan 2020 5:10

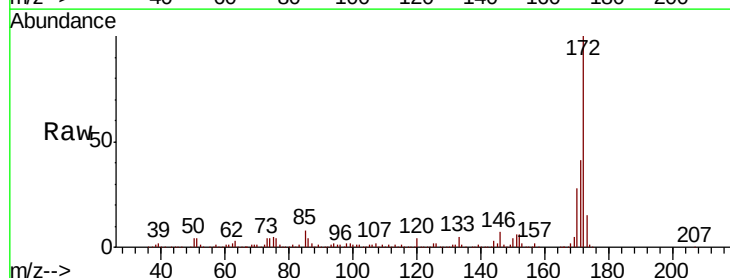
Tgt Ion:172 Resp: 1588544

Ion Ratio Lower Upper

172 100

171 40.9 35.8 53.8

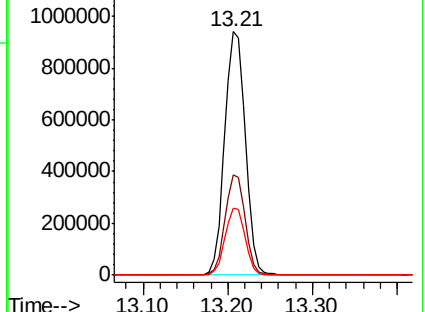
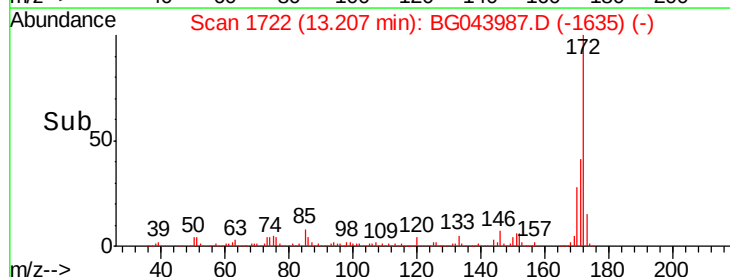
170 27.8 24.2 36.4

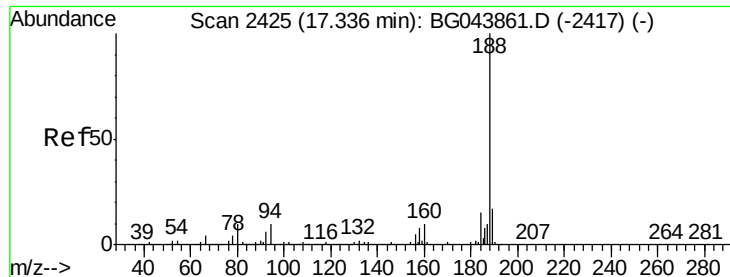


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

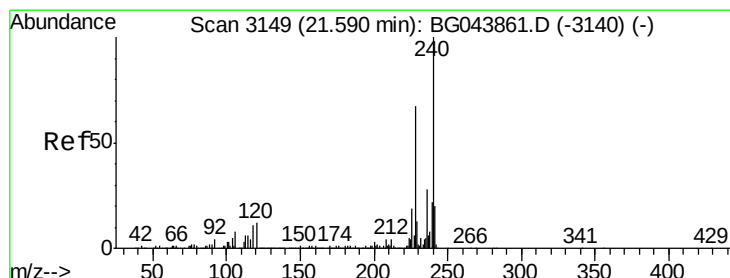
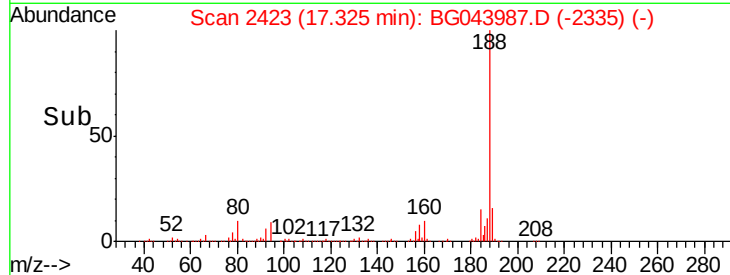
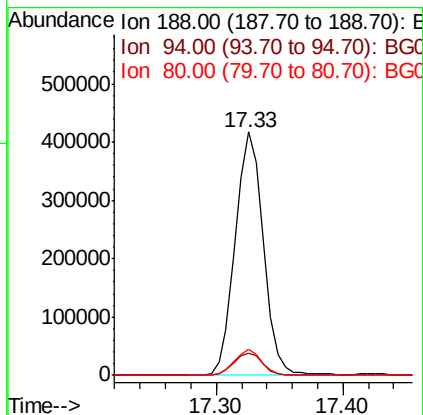
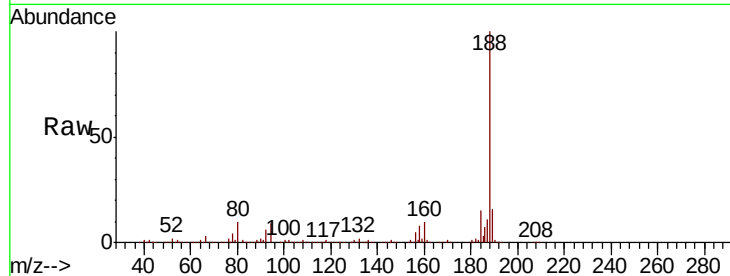




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG043987.D
Acq: 9 Jan 2020 5:10

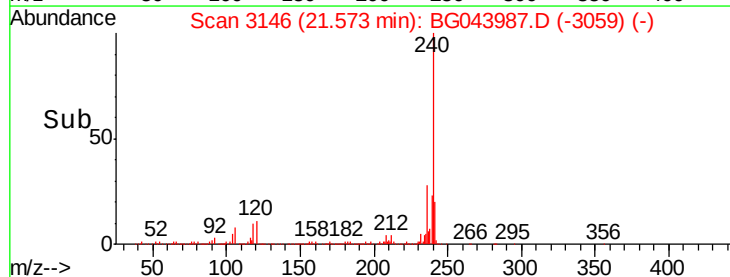
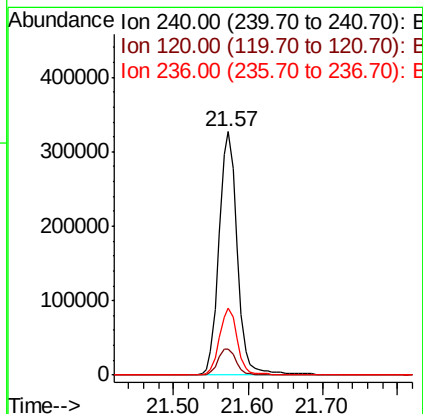
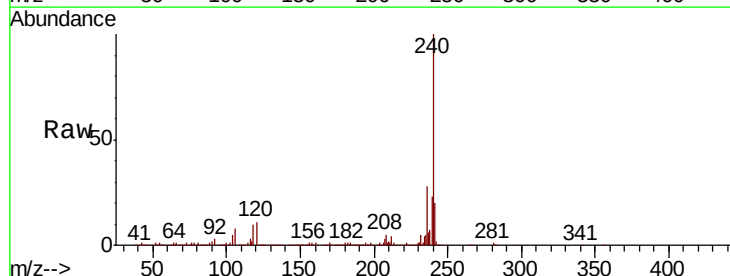
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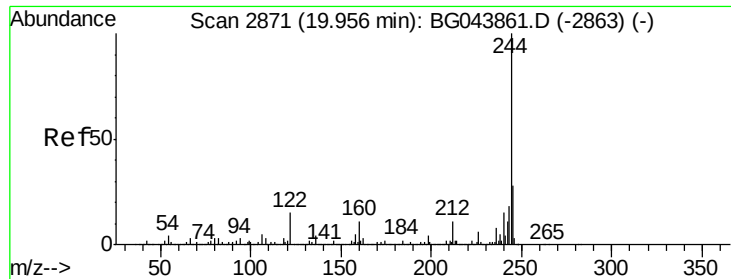
Tot Ion:188 Resp: 639730
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG043987.D
Acq: 9 Jan 2020 5:10

Tgt Ion:240 Resp: 555825
Ion Ratio Lower Upper
240 100
120 10.8 9.6 14.4
236 27.5 22.2 33.2

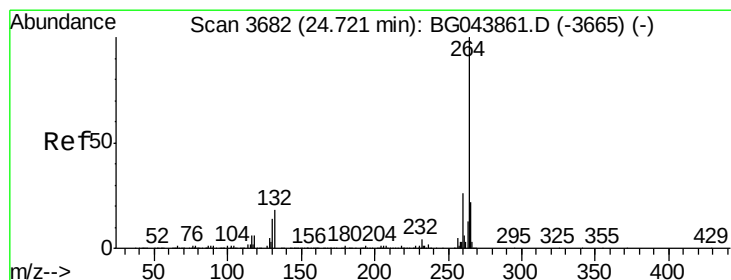
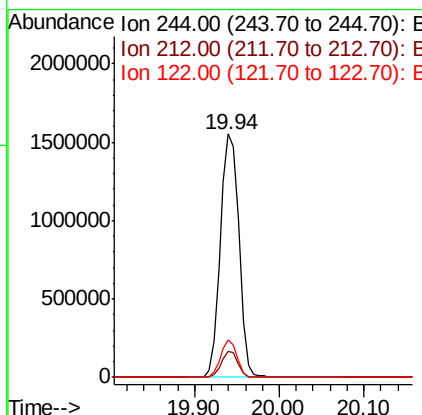
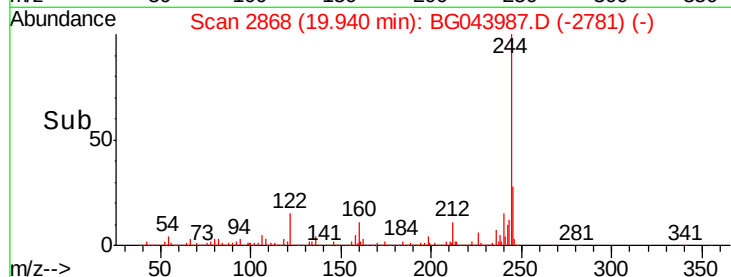
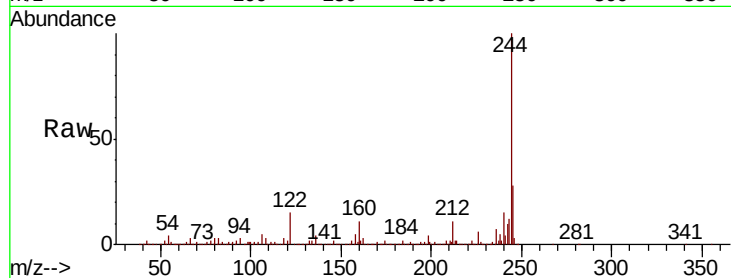




#79
 Terphenyl-d14
 Concen: 112.577 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG043987.D
 Acq: 9 Jan 2020 5:10

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-010720

Tot Ion:244 Resp: 2393030
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.6 13.0
 122 15.3 11.9 17.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3677
 Delta R.T. -0.03 min
 Lab File: BG043987.D
 Acq: 9 Jan 2020 5:10

Tgt Ion:264 Resp: 608524
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.4 30.6
 265 21.7 17.4 26.2

