

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043985.D
 Acq On : 9 Jan 2020 3:52
 Operator : JU
 Sample : K6474-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01

Quant Time: Jan 09 07:36:06 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	112372	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	442723	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	280987	20.00	ng	-0.01
64) Phenanthrene-d10	17.32	188	637179	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	555815	20.00	ng	-0.02
87) Perylene-d12	24.69	264	613396	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	860594	140.62	ng	0.00
7) Phenol-d6	7.12	99	1108741	129.61	ng	0.00
23) Nitrobenzene-d5	9.10	82	714015	86.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	457117	155.46	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1522704	98.18	ng	-0.01
79) Terphenyl-d14	19.94	244	2309920	106.94	ng	-0.01

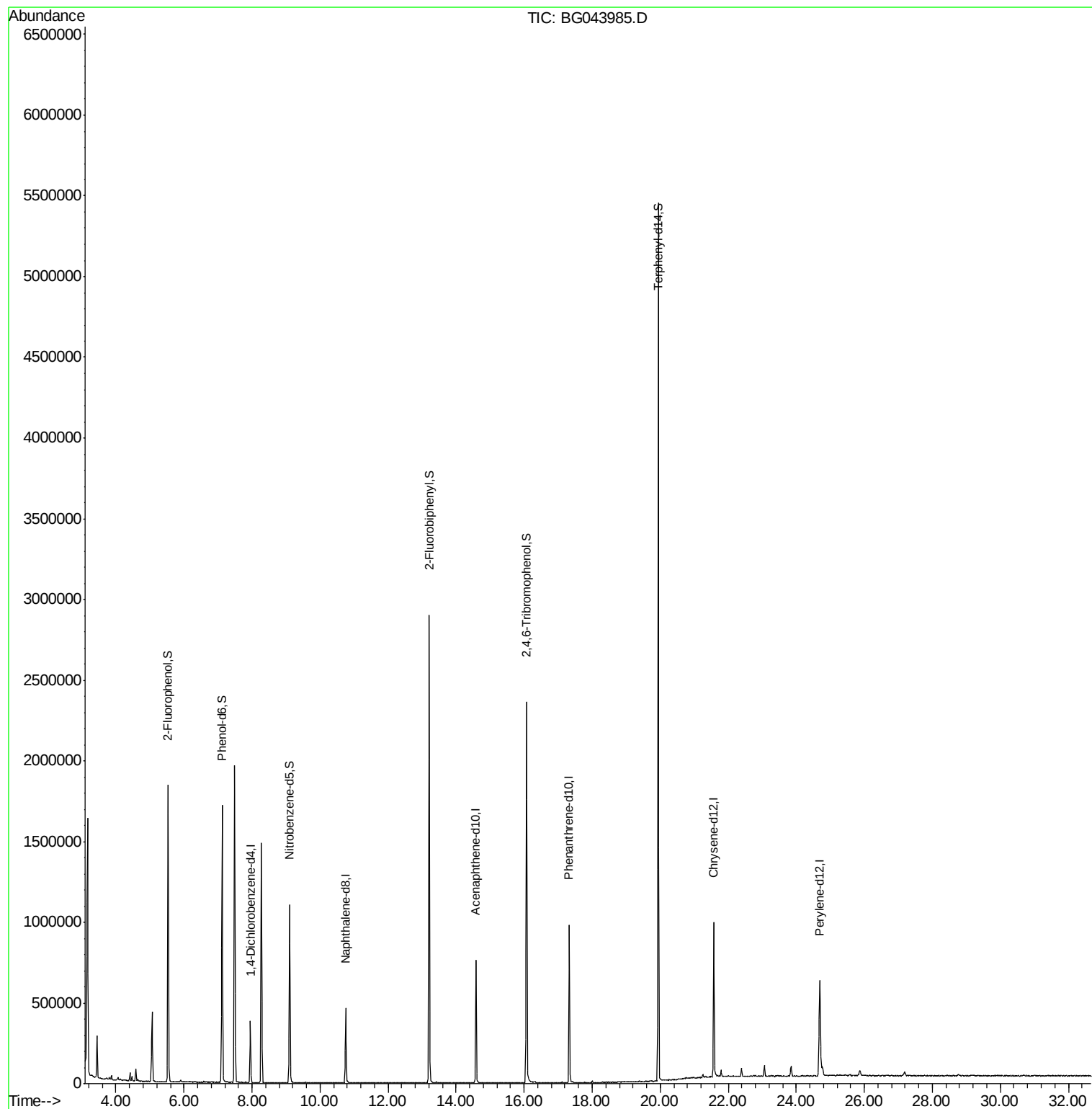
Target Compounds Qvalue

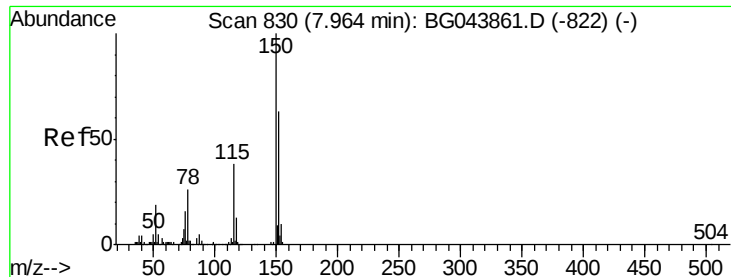
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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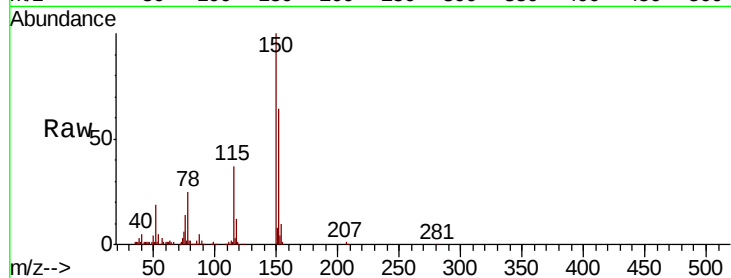


#1

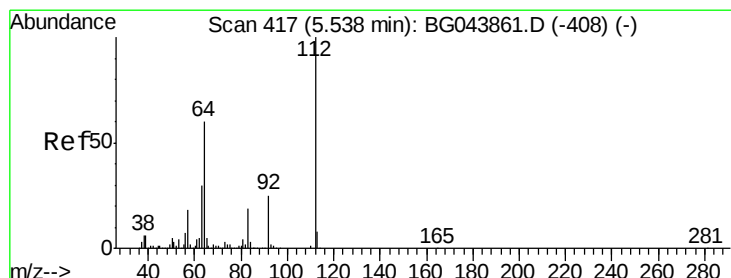
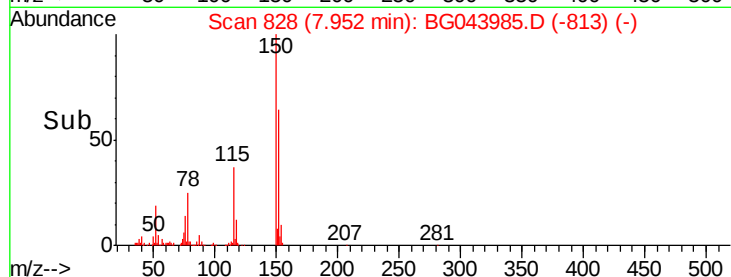
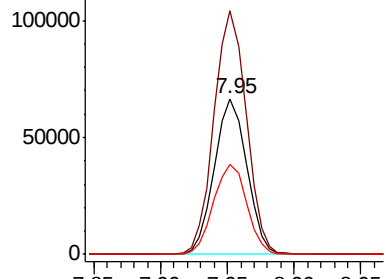
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Instrument :
BNA_G
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.0	190.4
115	58.2	47.8	71.8



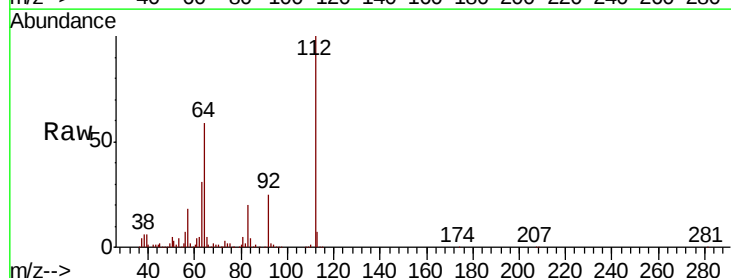
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



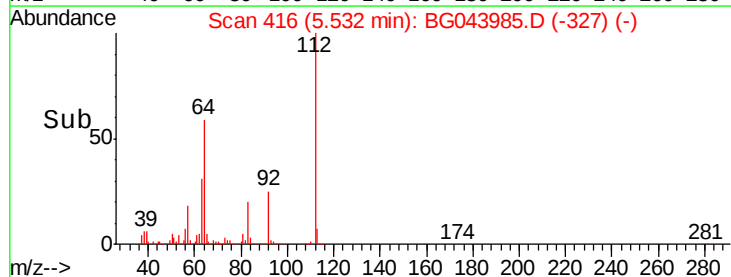
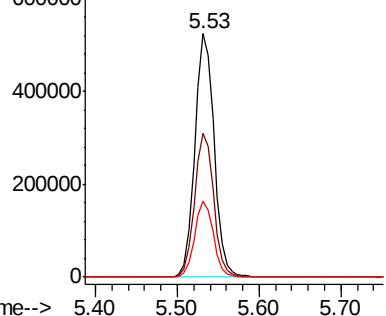
#5

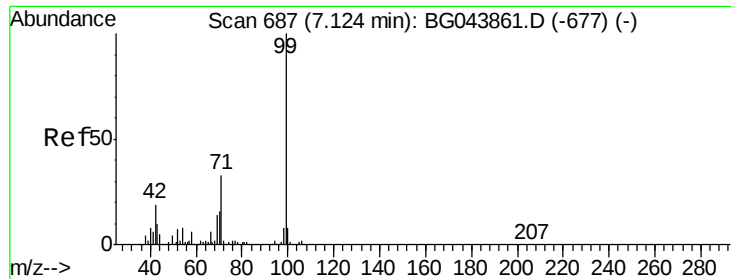
2-Fluorophenol
Concen: 140.618 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043985.D
Acq: 9 Jan 2020 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.8	71.6
63	31.4	24.3	36.5



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: 129.605 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043985.D

Acq: 9 Jan 2020 3:52

Instrument :

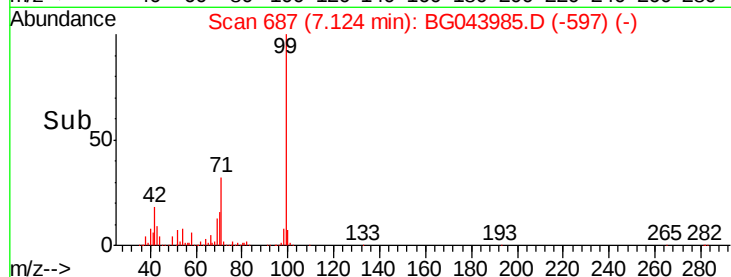
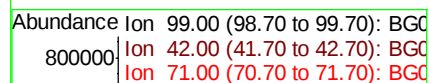
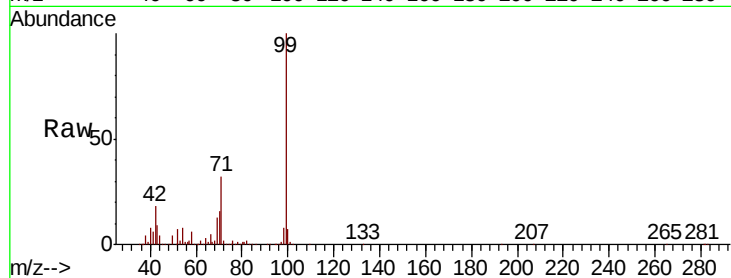
BNA_G

ClientSampleId :

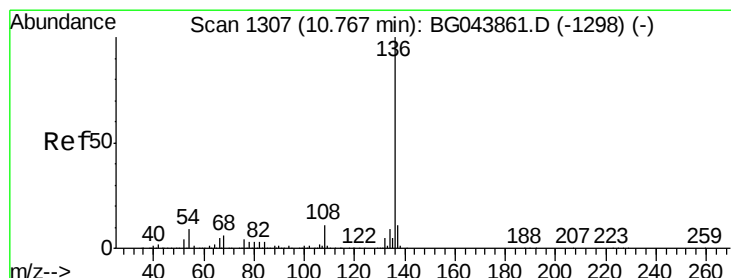
SB-01

Tot Ion: 99 Resp: 1108741

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.9	22.3
71	32.1	26.4	39.6



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

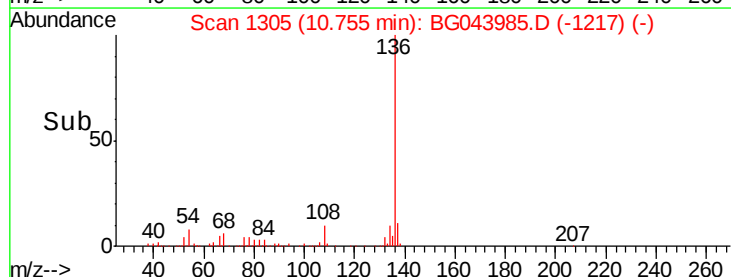
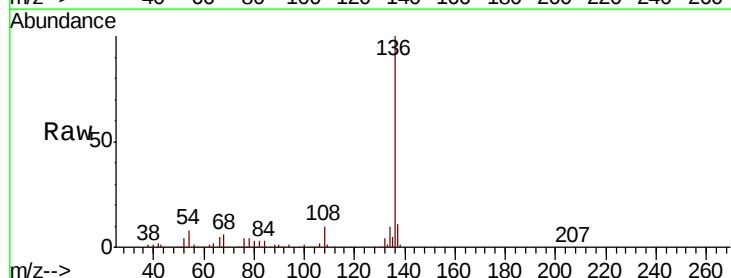
Delta R.T. -0.01 min

Lab File: BG043985.D

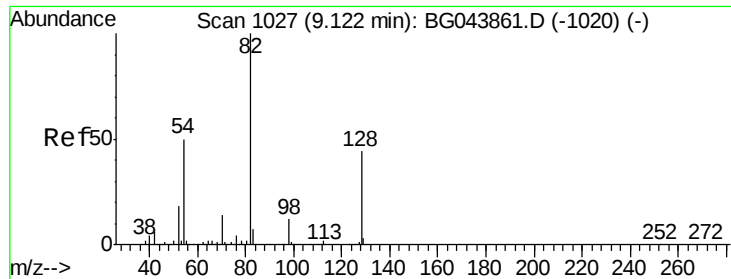
Acq: 9 Jan 2020 3:52

Tgt Ion: 136 Resp: 442723

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	7.0	10.4
68	5.8	4.9	7.3



Time-->



#23

Nitrobenzene-d5

Concen: 86.277 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG043985.D

Acq: 9 Jan 2020 3:52

Instrument :

BNA_G

ClientSampled :

SB-01

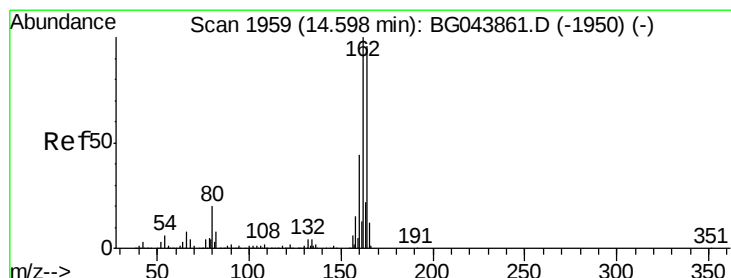
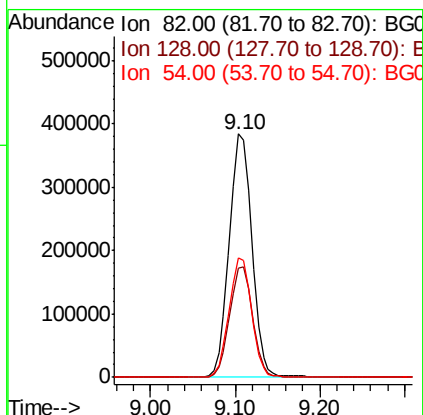
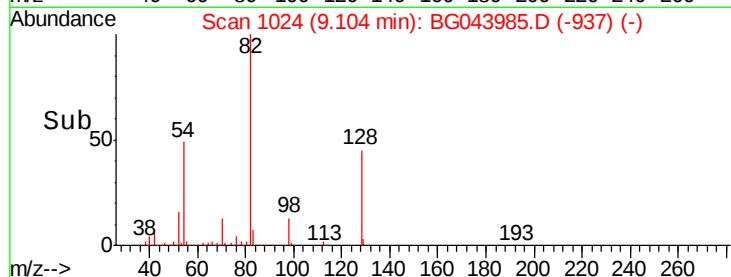
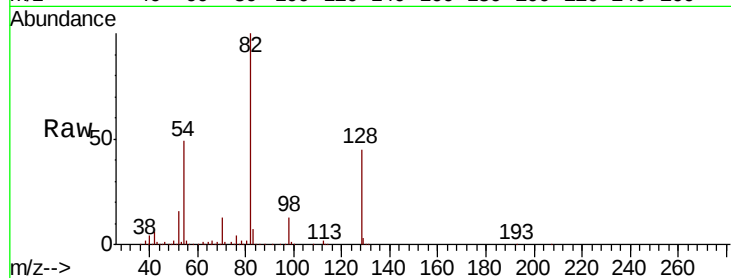
Tot Ion: 82 Resp: 714015

Ion Ratio Lower Upper

82 100

128 44.8 35.1 52.7

54 48.9 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043985.D

Acq: 9 Jan 2020 3:52

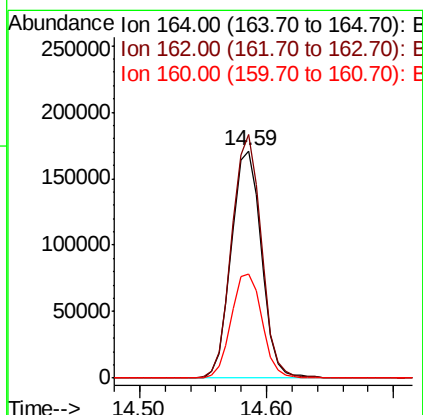
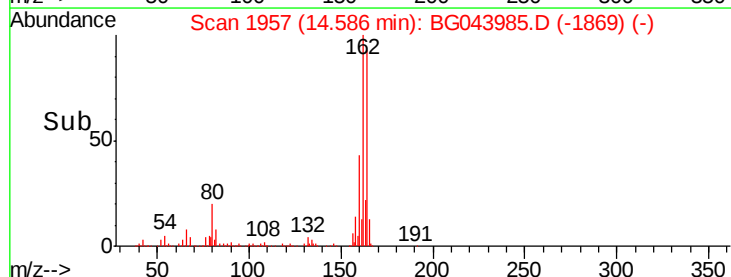
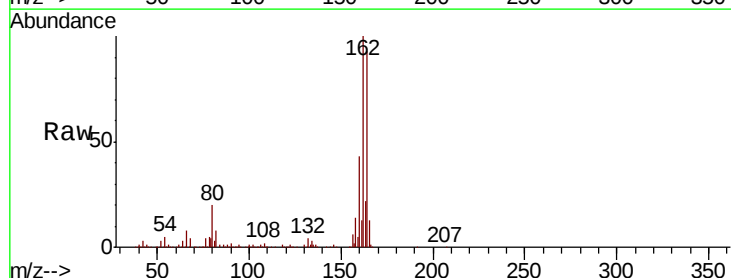
Tgt Ion: 164 Resp: 280987

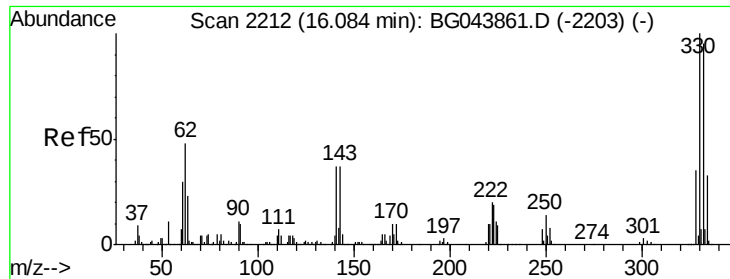
Ion Ratio Lower Upper

164 100

162 107.0 83.0 124.4

160 45.7 36.1 54.1

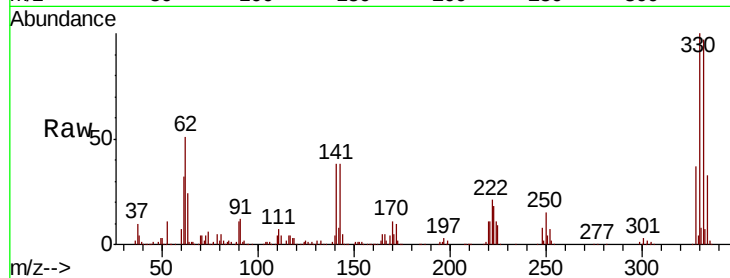




#42
 2,4,6-Tribromophenol
 Concen: 155.457 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG043985.D
 Acq: 9 Jan 2020 3:52

Instrument :
 BNA_G
 ClientSampled :
 SB-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	39.5	33.1	49.7

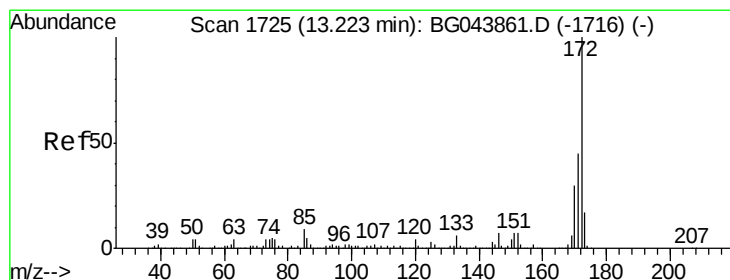
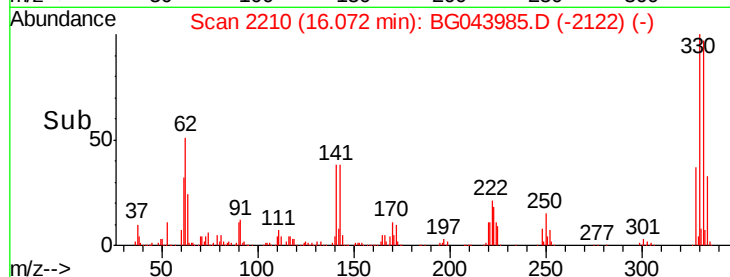
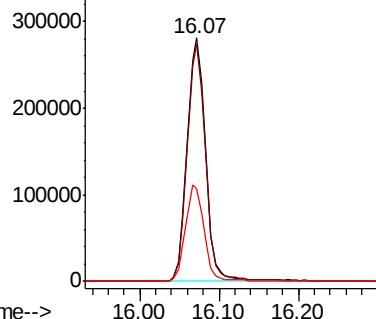


Abundance

Ion 329.80 (329.50 to 330.50): E

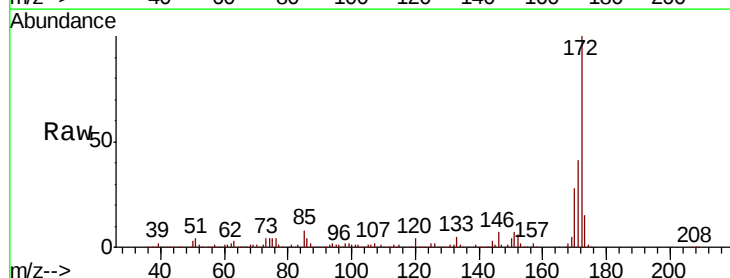
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.182 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043985.D
 Acq: 9 Jan 2020 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.8	53.8
170	28.3	24.2	36.4

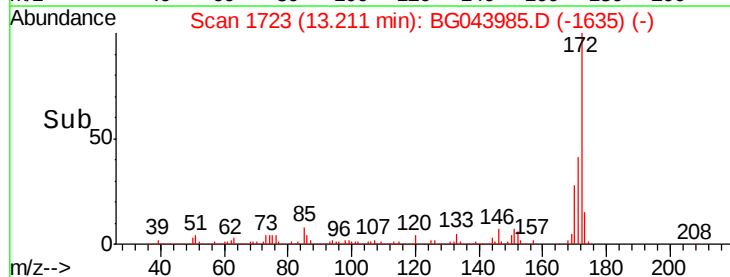
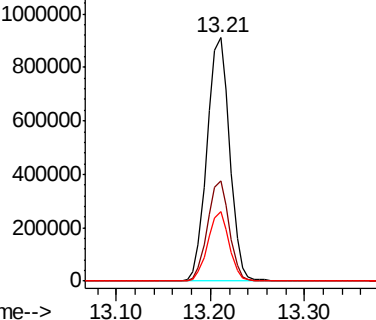


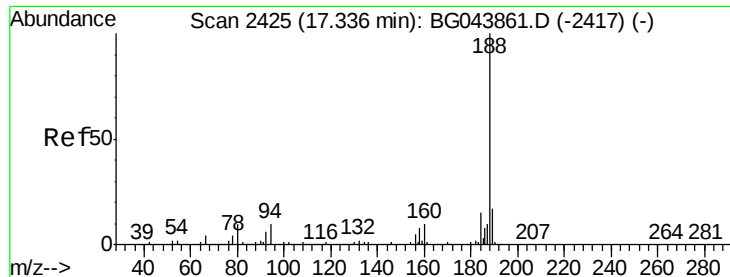
Abundance

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: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG043985.D

Acq: 9 Jan 2020 3:52

Instrument :

BNA_G

ClientSampled :

SB-01

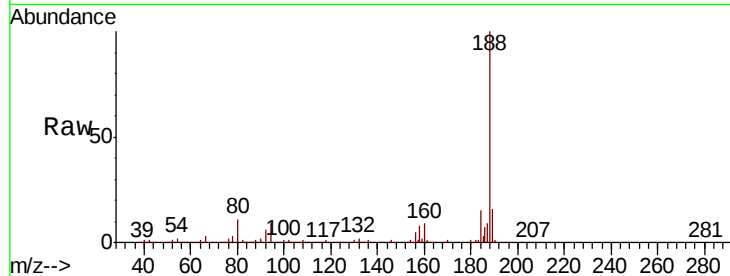
Tot Ion:188 Resp: 637179

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

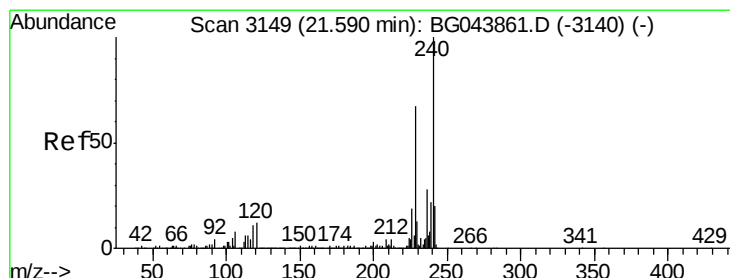
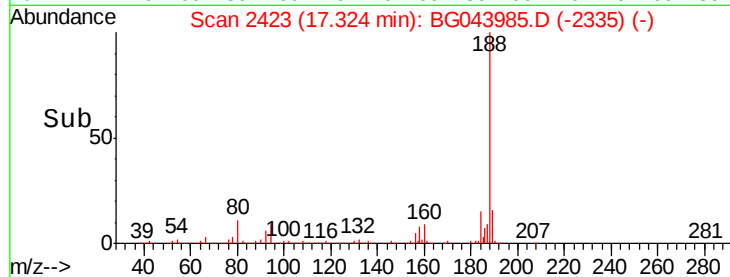
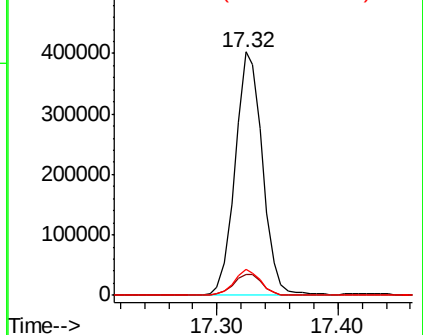
80 10.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG043985.D

Acq: 9 Jan 2020 3:52

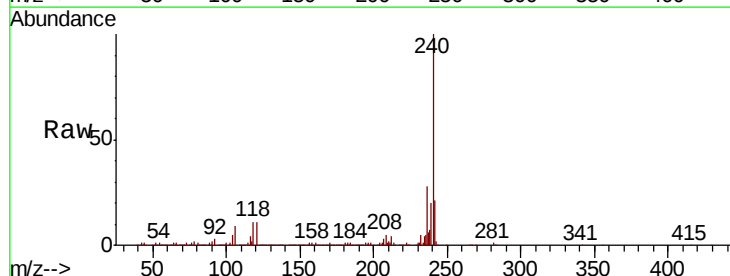
Tgt Ion:240 Resp: 555815

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

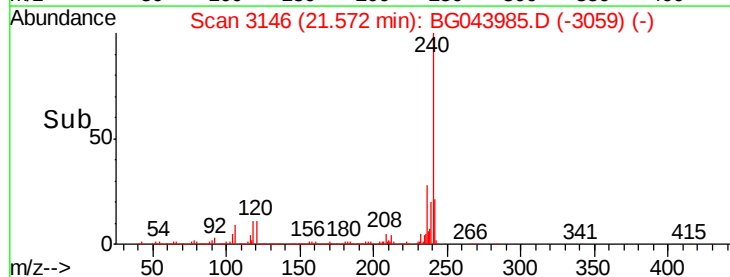
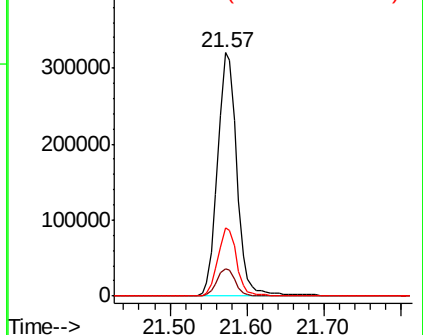
236 28.2 22.2 33.2

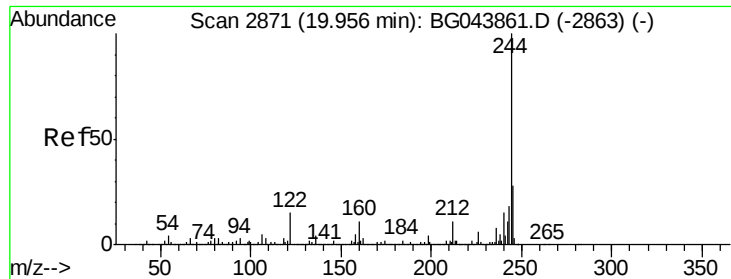


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.941 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043985.D

Acq: 9 Jan 2020 3:52

Instrument :

BNA_G

ClientSampleId :

SB-01

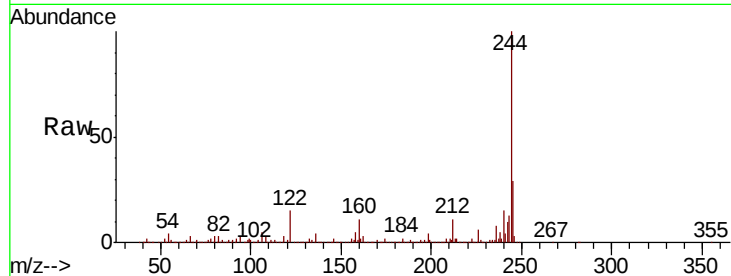
Tot Ion:244 Resp: 2309920

Ion Ratio Lower Upper

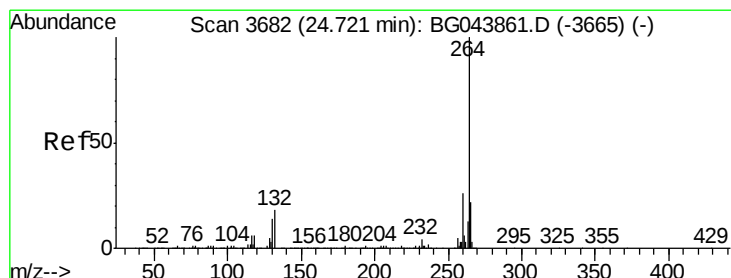
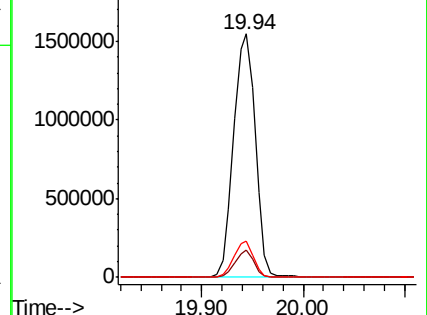
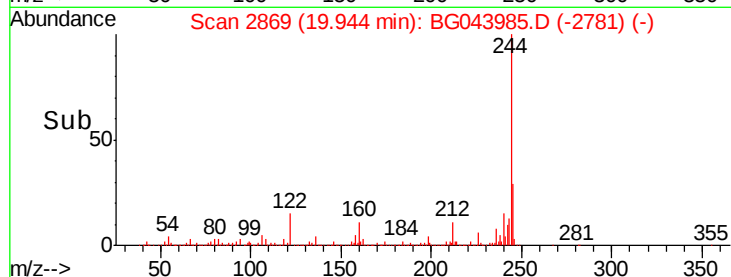
244 100

212 11.1 8.6 13.0

122 14.9 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: BG043985.D

Acq: 9 Jan 2020 3:52

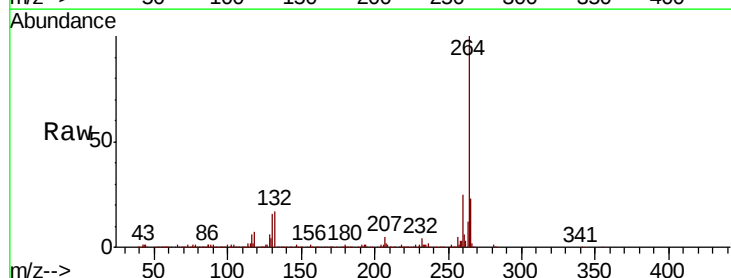
Tgt Ion:264 Resp: 613396

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.6 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

