

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043983.D
 Acq On : 9 Jan 2020 2:34
 Operator : JU
 Sample : K6456-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03

Quant Time: Jan 09 07:23:17 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	111461	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	439277	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	287985	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	644452	20.00	ng	0.00
76) Chrysene-d12	21.57	240	574164	20.00	ng	-0.02
87) Perylene-d12	24.70	264	624050	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	781138	128.68	ng	0.00
7) Phenol-d6	7.12	99	934104	110.08	ng	0.00
23) Nitrobenzene-d5	9.10	82	746861	90.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	468502	155.46	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1569791	98.76	ng	-0.01
79) Terphenyl-d14	19.94	244	2393819	107.43	ng	-0.01

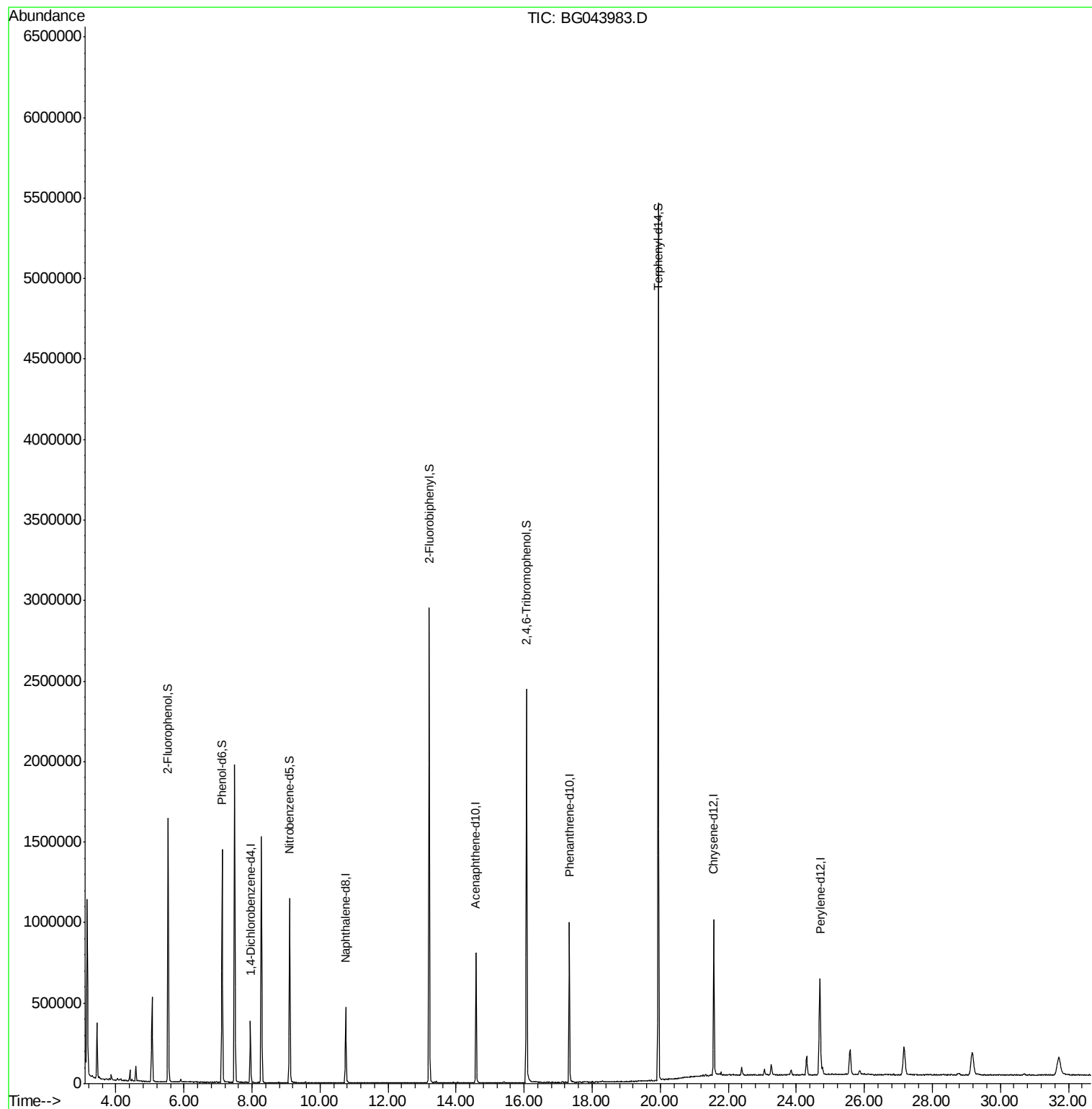
Target Compounds Qvalue

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

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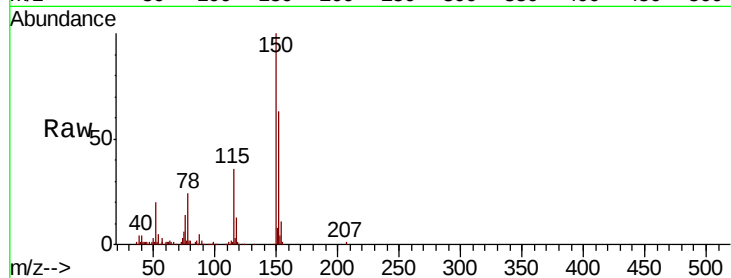


#1

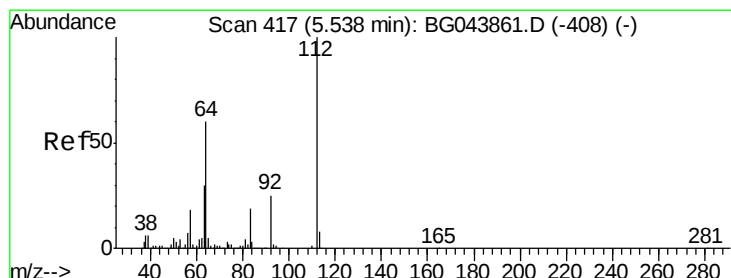
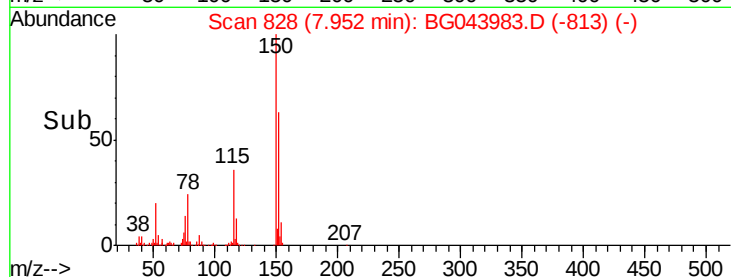
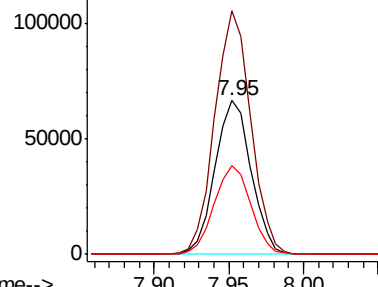
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043983.D
Acq: 9 Jan 2020 2:34

Instrument :
BNA_G
ClientSampleId :
SB-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.0	190.4
115	57.4	47.8	71.8



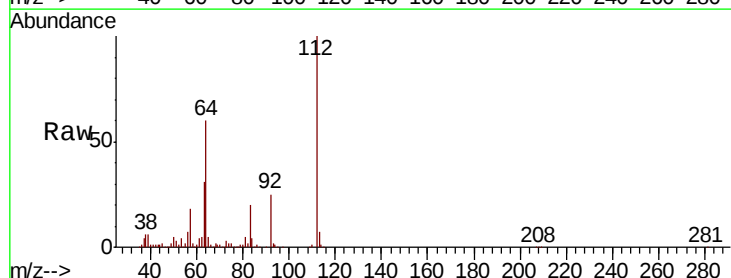
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



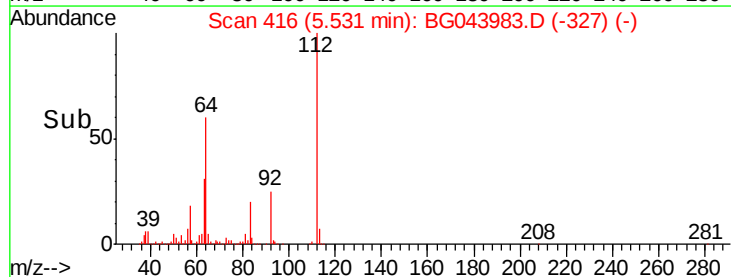
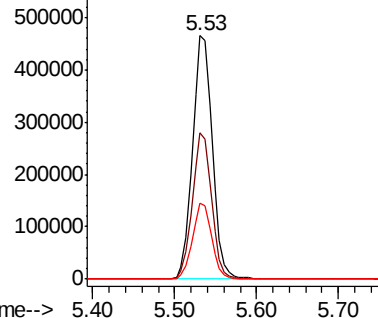
#5

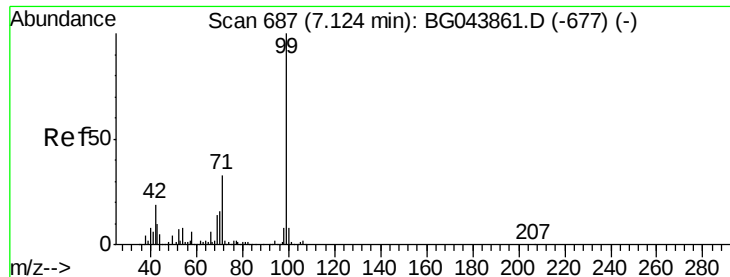
2-Fluorophenol
Concen: 128.679 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG043983.D
Acq: 9 Jan 2020 2:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.084 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG043983.D

Acq: 9 Jan 2020 2:34

Instrument :

BNA_G

ClientSampleId :

SB-03

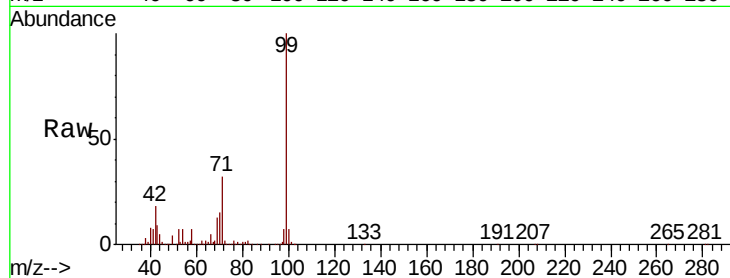
Tot Ion: 99 Resp: 934104

Ion Ratio Lower Upper

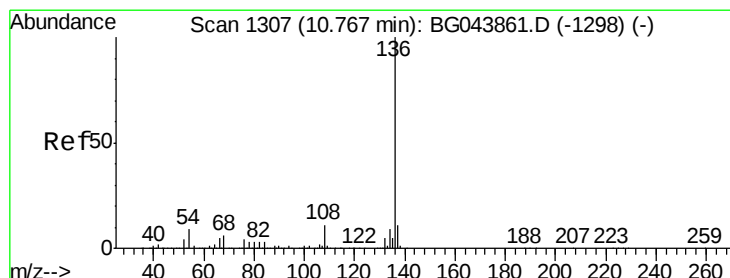
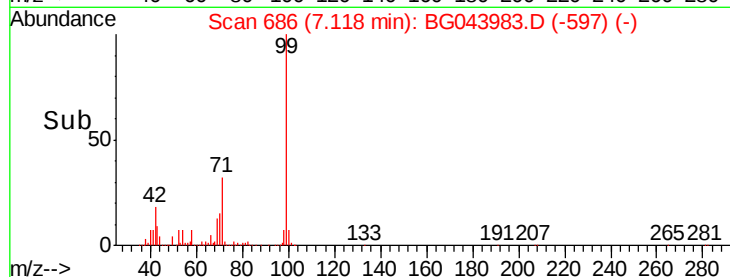
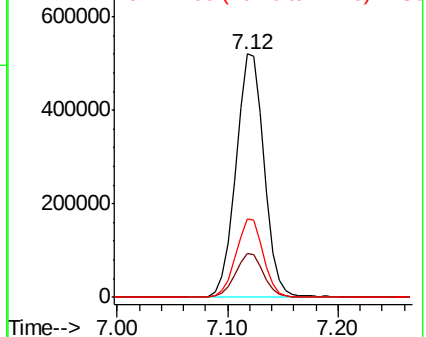
99 100

42 17.9 14.9 22.3

71 32.0 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: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG043983.D

Acq: 9 Jan 2020 2:34

Tgt Ion: 136 Resp: 439277

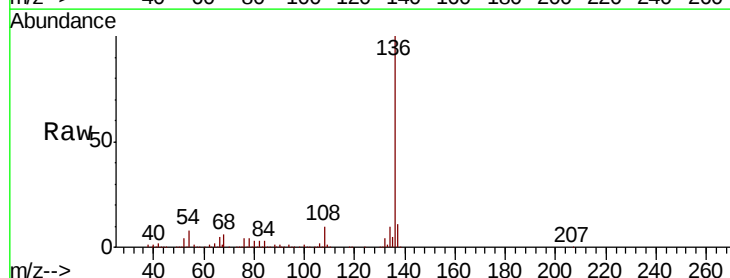
Ion Ratio Lower Upper

136 100

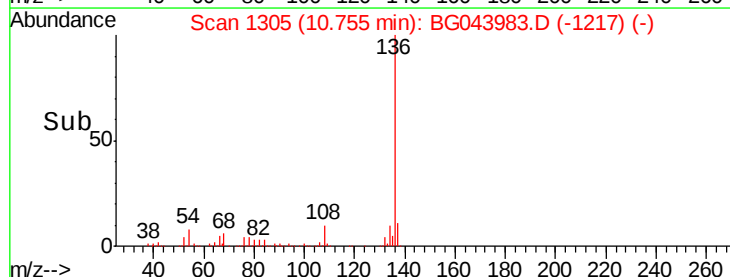
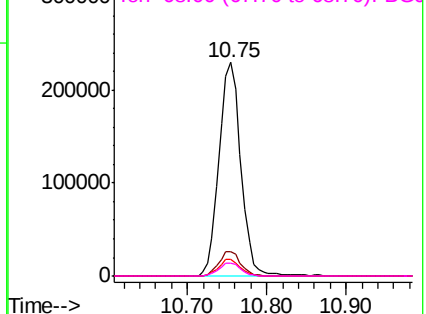
137 11.2 8.8 13.2

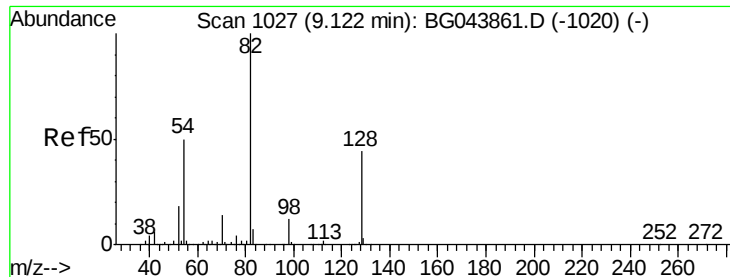
54 7.6 7.0 10.4

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

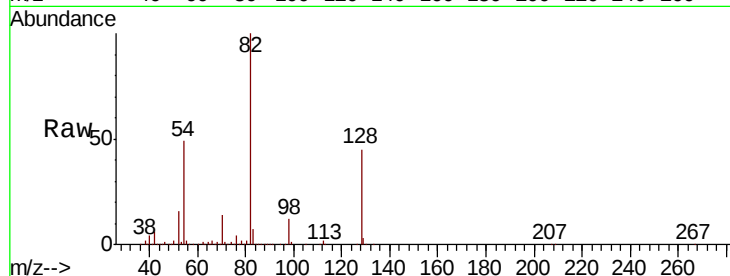




#23
Nitrobenzene-d5
Concen: 90.954 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG043983.D
Acq: 9 Jan 2020 2:34

Instrument :
BNA_G
ClientSampled :
SB-03

Tot Ion	82	Resp	746861
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.1	52.7
54	49.0	40.1	60.1

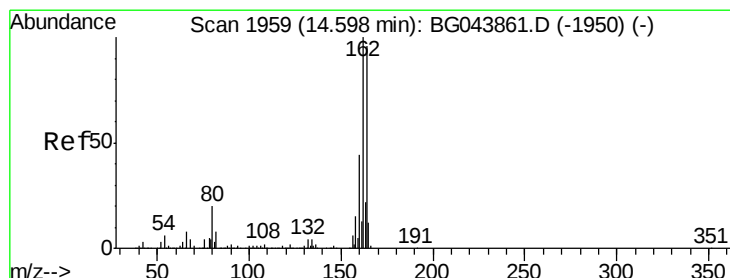
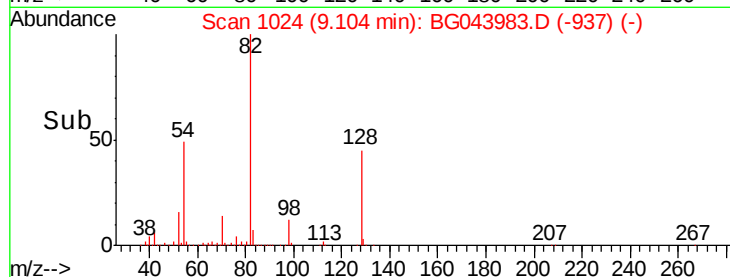
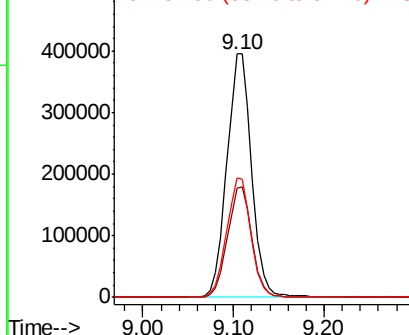


Abundance

Ion 82.00 (81.70 to 82.70): BGC

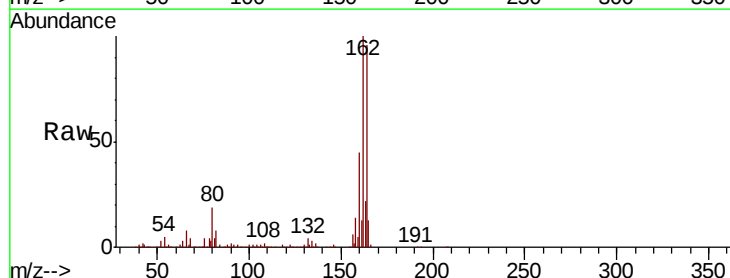
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043983.D
Acq: 9 Jan 2020 2:34

Tgt Ion	164	Resp	287985
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.4
160	46.7	36.1	54.1

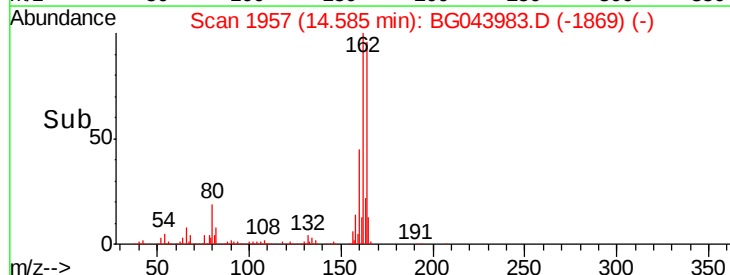
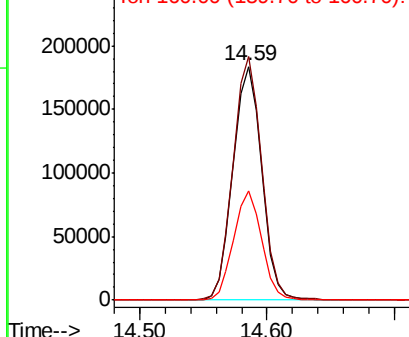


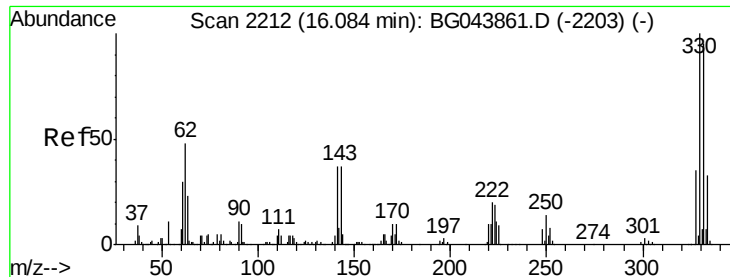
Abundance

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

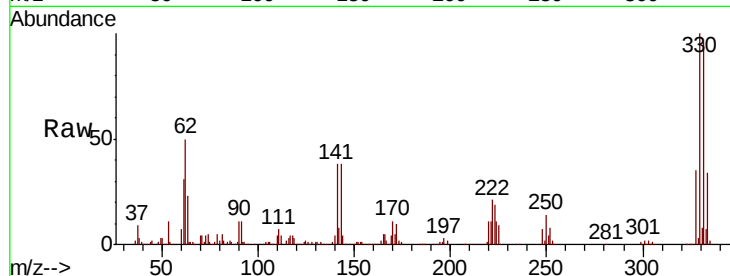




#42
 2,4,6-Tribromophenol
 Concen: 155.457 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG043983.D
 Acq: 9 Jan 2020 2:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	39.6	33.1	49.7

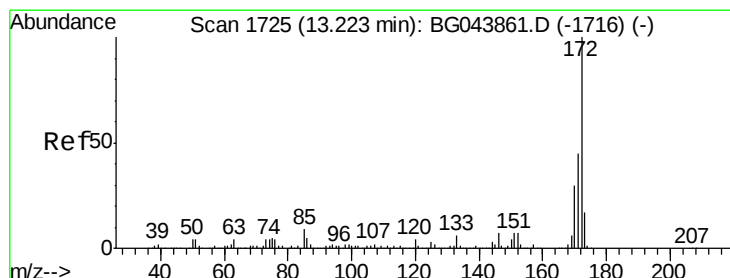
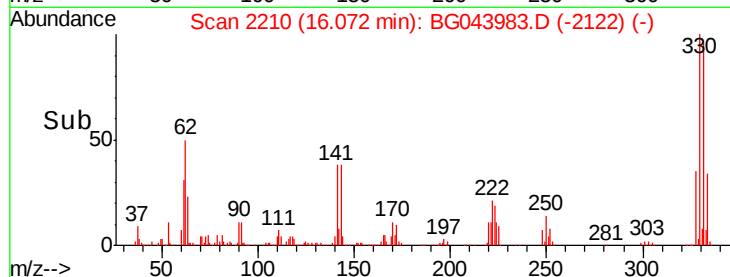
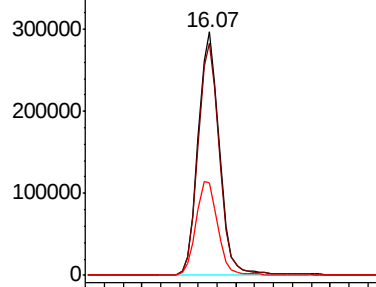


Abundance

Ion 329.80 (329.50 to 330.50): E

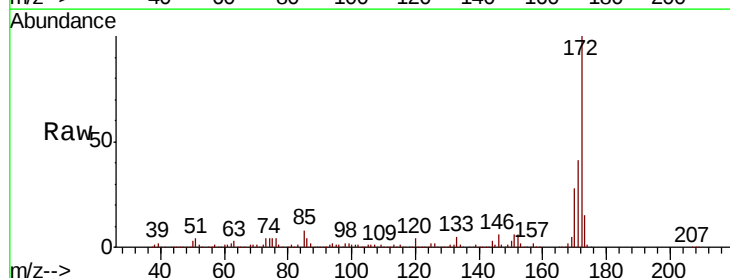
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.759 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG043983.D
 Acq: 9 Jan 2020 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.8	53.8
170	27.8	24.2	36.4

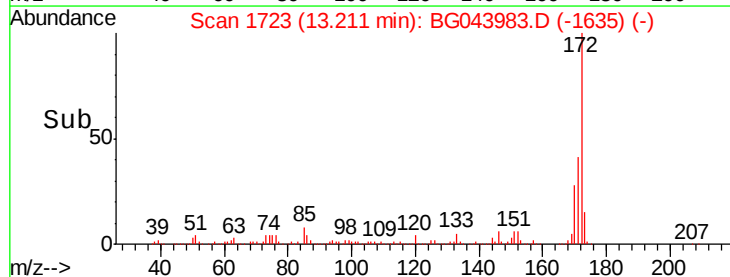
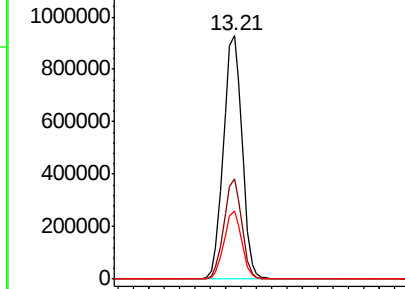


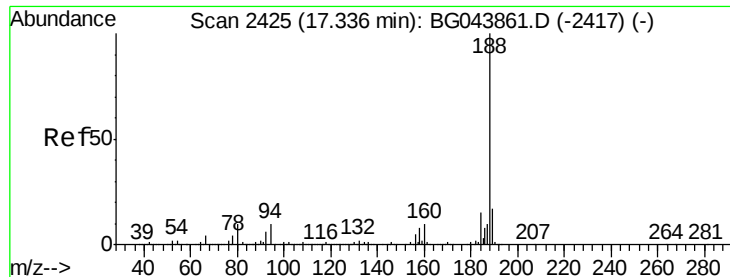
Abundance

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# 2424

Delta R.T. -0.01 min

Lab File: BG043983.D

Acq: 9 Jan 2020 2:34

Instrument :

BNA_G

ClientSampleId :

SB-03

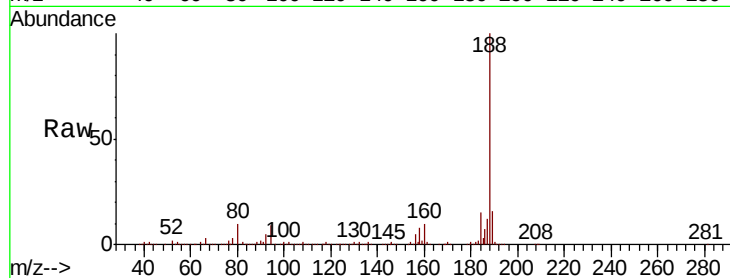
Tot Ion:188 Resp: 644452

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

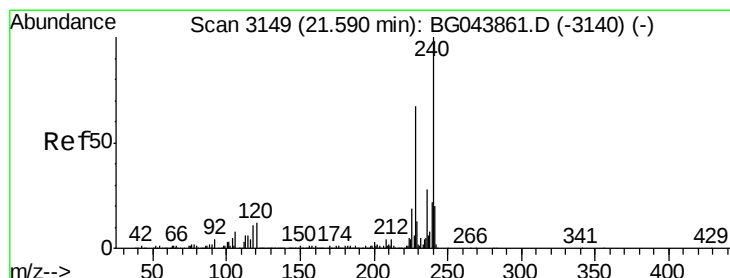
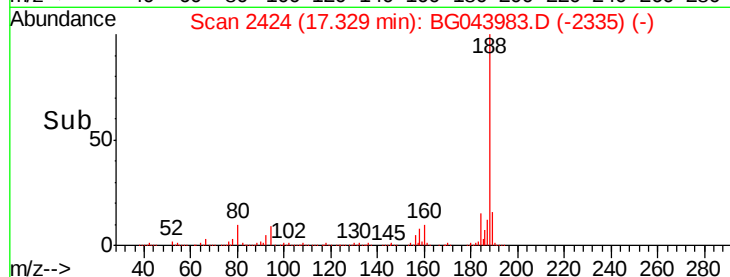
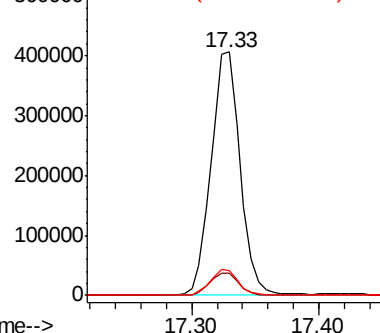
80 10.1 8.2 12.4



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: BG043983.D

Acq: 9 Jan 2020 2:34

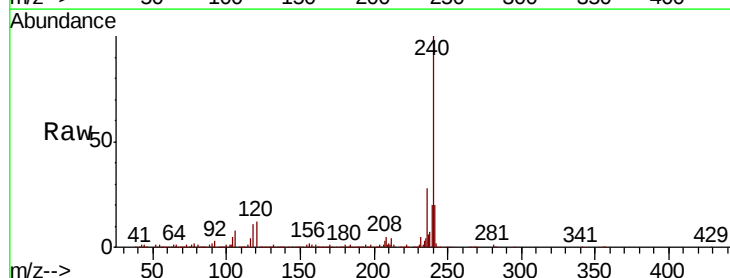
Tgt Ion:240 Resp: 574164

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

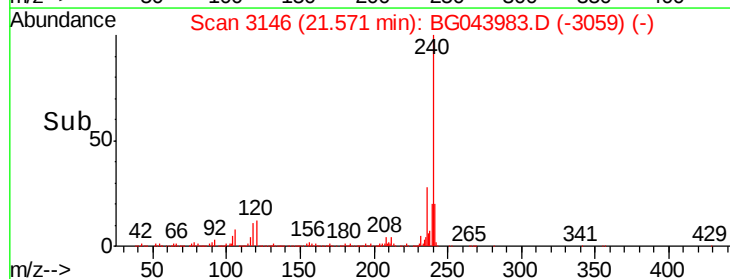
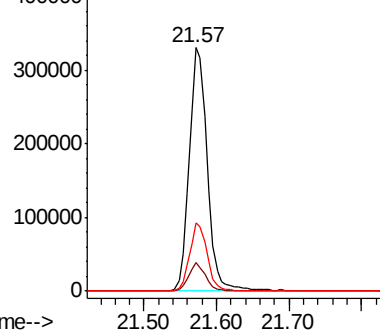
236 27.8 22.2 33.2

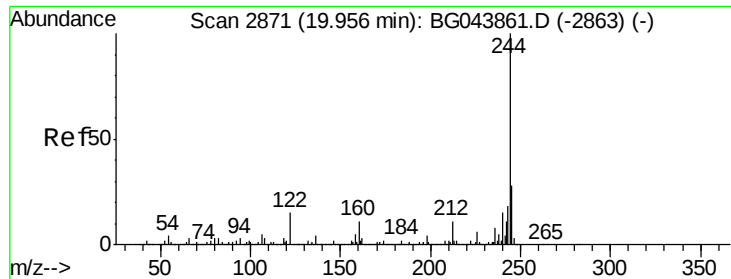


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.435 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043983.D

Acq: 9 Jan 2020 2:34

Instrument :

BNA_G

ClientSampleId :

SB-03

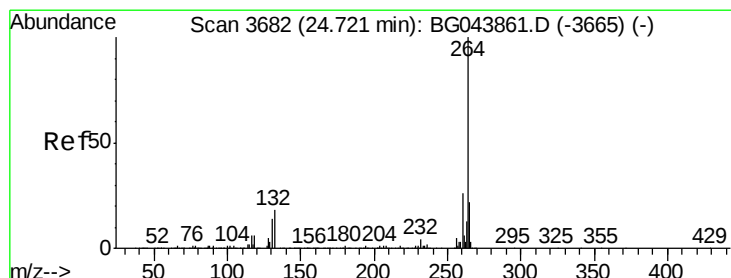
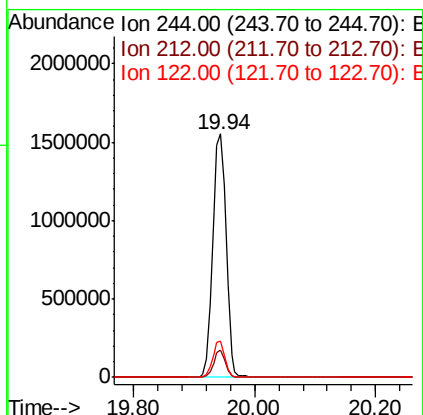
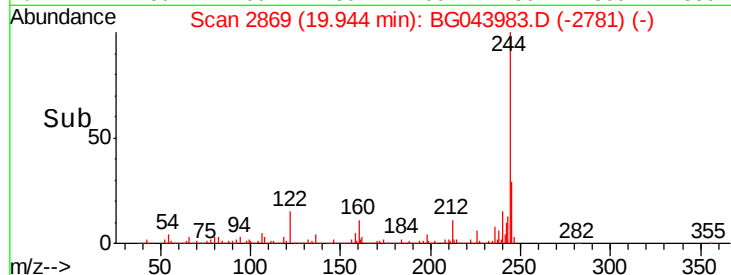
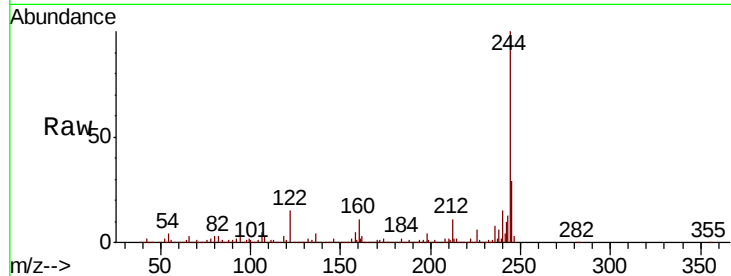
Tot Ion:244 Resp: 2393819

Ion Ratio Lower Upper

244 100

212 11.1 8.6 13.0

122 15.0 11.9 17.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG043983.D

Acq: 9 Jan 2020 2:34

Tgt Ion:264 Resp: 624050

Ion Ratio Lower Upper

264 100

260 26.0 20.4 30.6

265 21.2 17.4 26.2

