

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043757.D
 Acq On : 23 Nov 2019 15:44
 Operator : JU
 Sample : PB124977BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BL

Quant Time: Nov 25 02:56:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38120	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	190384	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	169303	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	525023	20.00	ng	0.00
76) Chrysene-d12	21.66	240	656414	20.00	ng	0.00
87) Perylene-d12	24.84	264	573923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234637	110.66	ng	0.00
7) Phenol-d6	7.18	99	251599	81.63	ng	0.00
23) Nitrobenzene-d5	9.18	82	307038	88.67	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	327326	160.29	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	877046	85.15	ng	0.00
79) Terphenyl-d14	20.01	244	2457360	84.59	ng	0.00

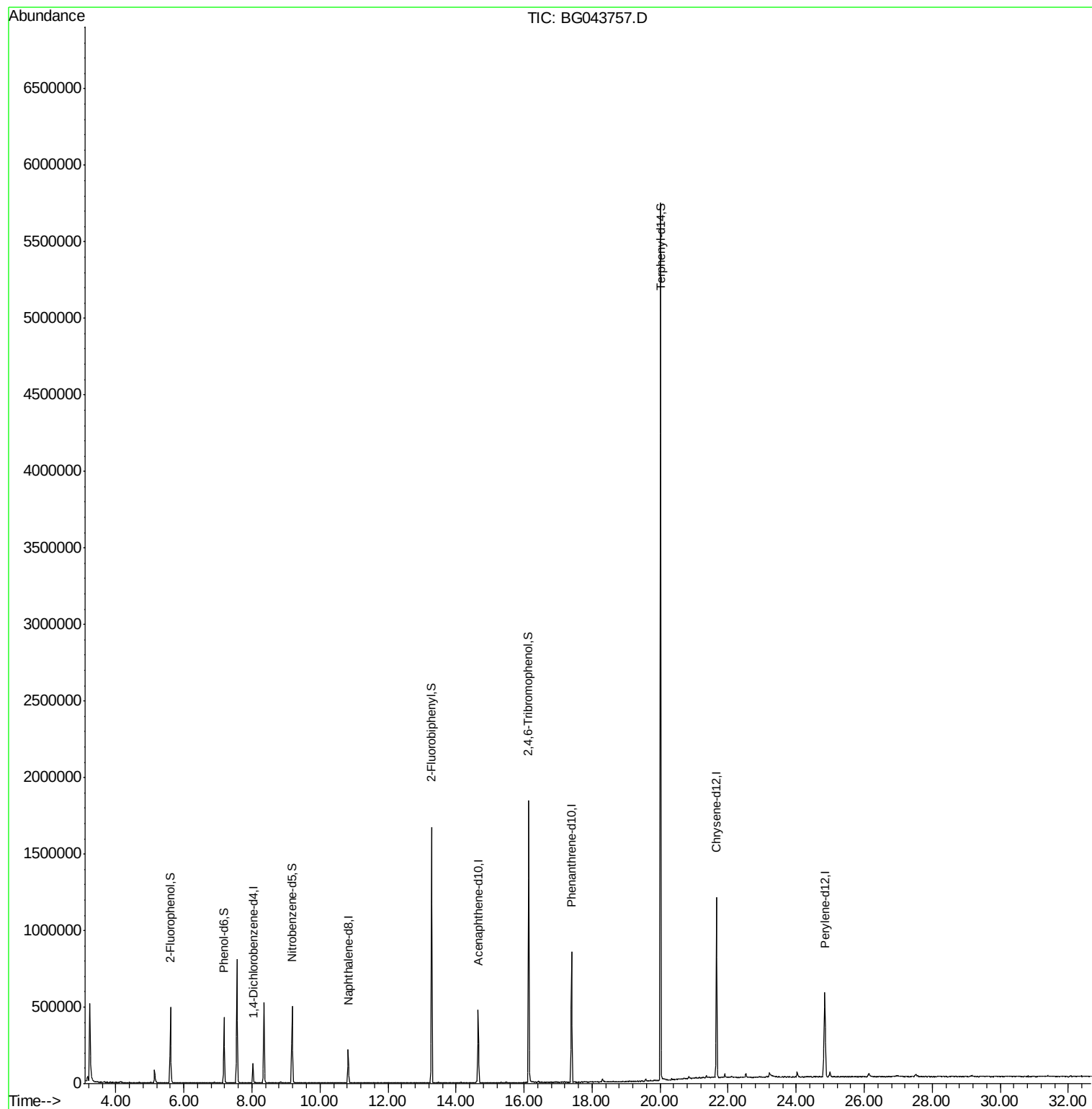
Target Compounds Qvalue

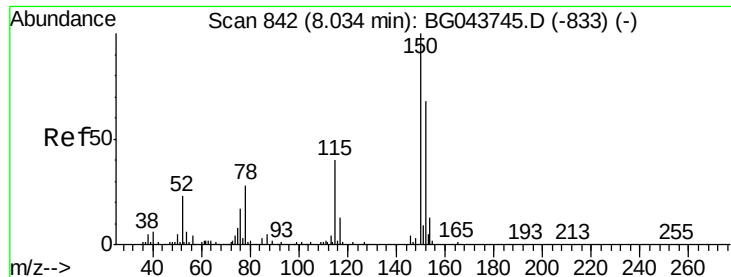
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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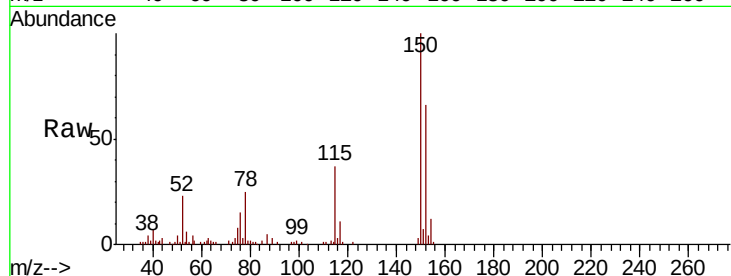


#1

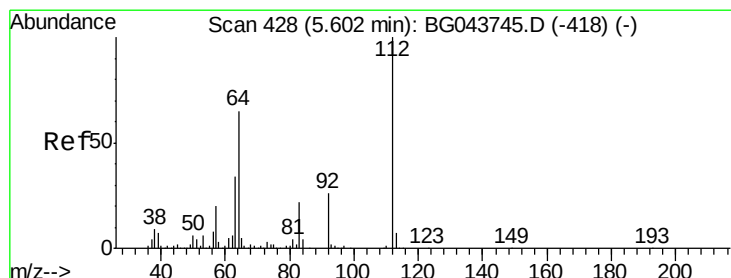
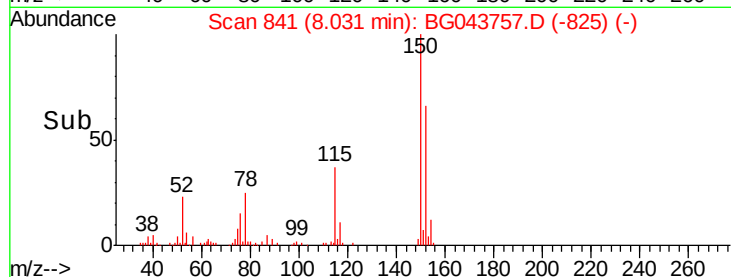
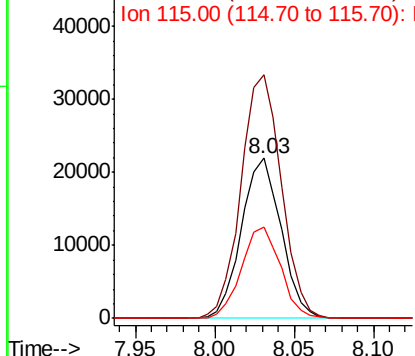
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043757.D
Acq: 23 Nov 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB124977BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	117.8	176.8
115	56.6	47.0	70.4



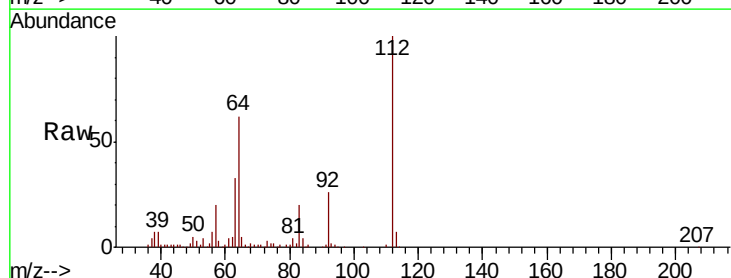
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



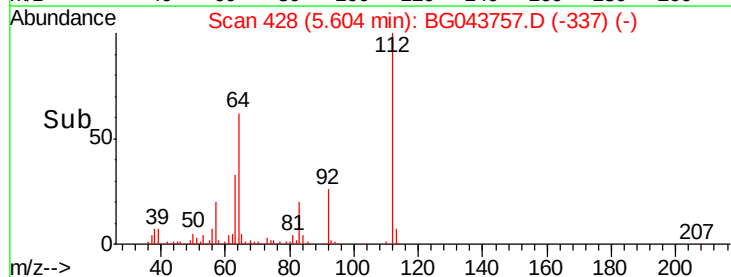
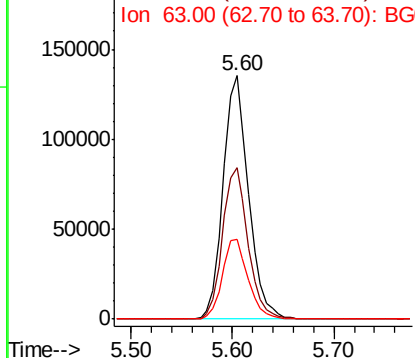
#5

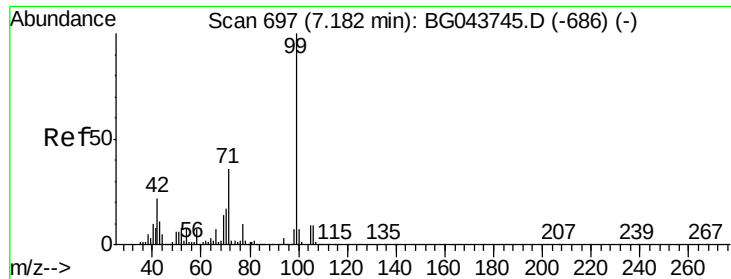
2-Fluorophenol
Concen: 110.657 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043757.D
Acq: 23 Nov 2019 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.7	77.5
63	32.7	26.8	40.2



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: 81.626 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043757.D

Acq: 23 Nov 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB124977BL

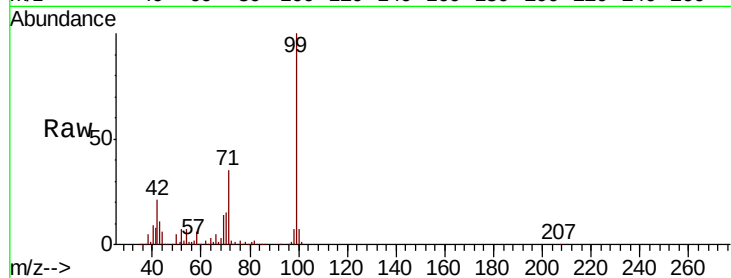
Tot Ion: 99 Resp: 251599

Ion Ratio Lower Upper

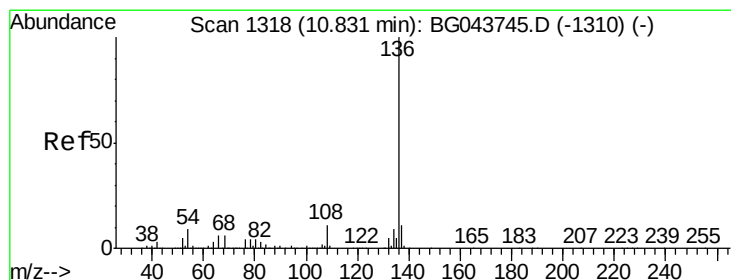
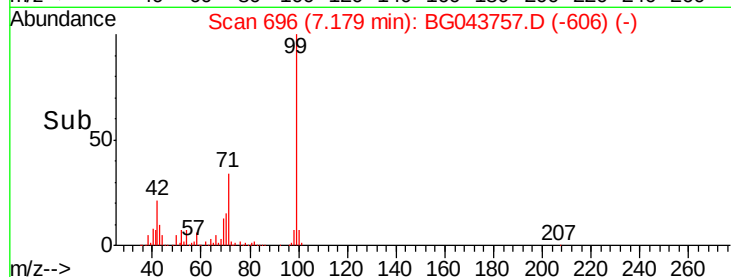
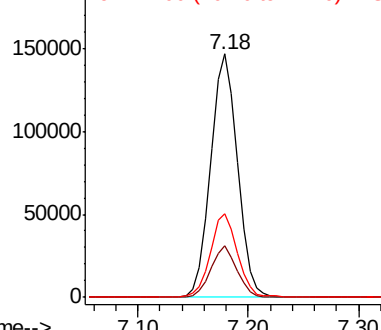
99 100

42 21.0 17.4 26.0

71 34.5 29.5 44.3



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043757.D

Acq: 23 Nov 2019 15:44

Tgt Ion: 136 Resp: 190384

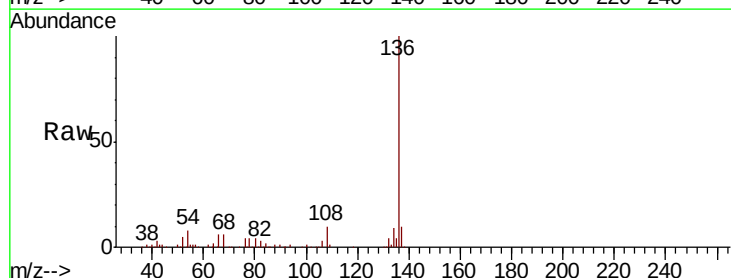
Ion Ratio Lower Upper

136 100

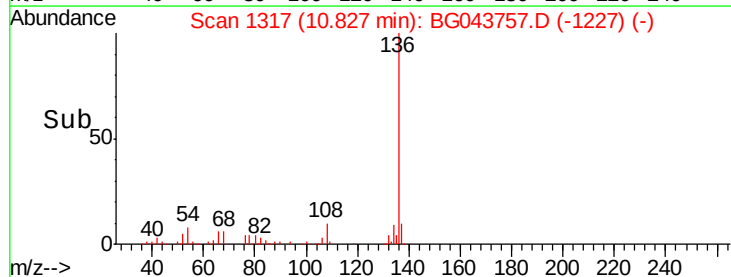
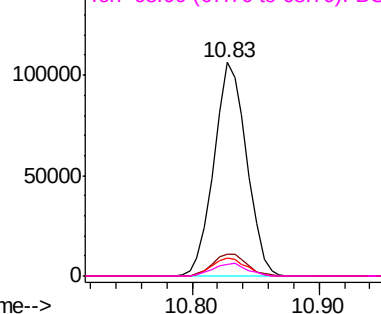
137 10.1 8.8 13.2

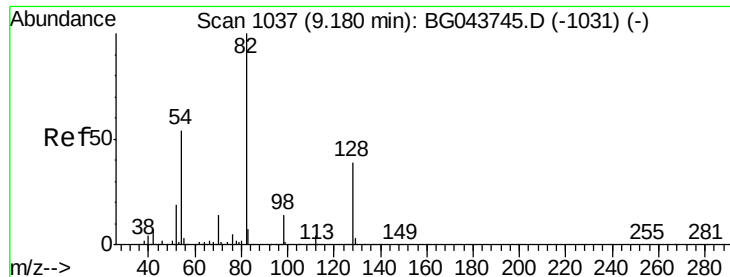
54 8.5 7.5 11.3

68 5.6 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: 88.672 ng

RT: 9.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG043757.D

Acq: 23 Nov 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB124977BL

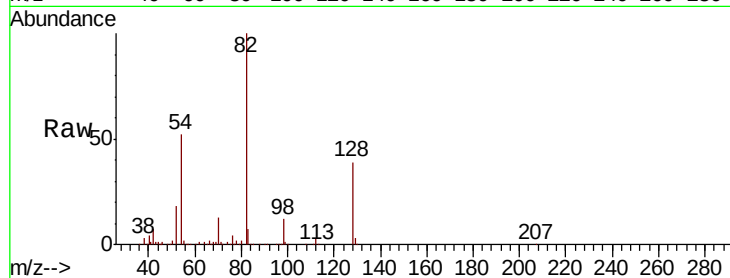
Tot Ion: 82 Resp: 307038

Ion Ratio Lower Upper

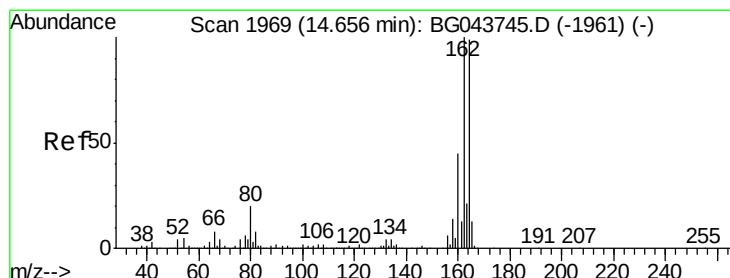
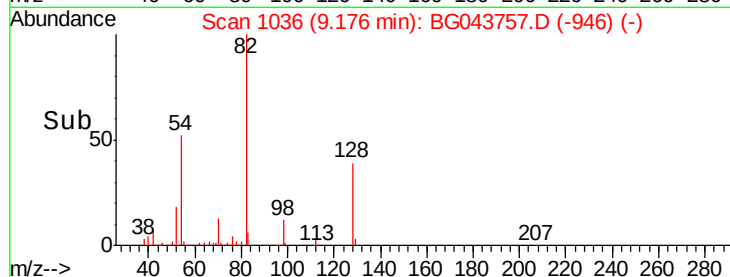
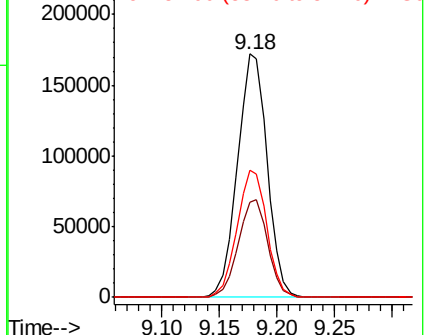
82 100

128 39.0 31.3 46.9

54 52.0 42.7 64.1



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043757.D

Acq: 23 Nov 2019 15:44

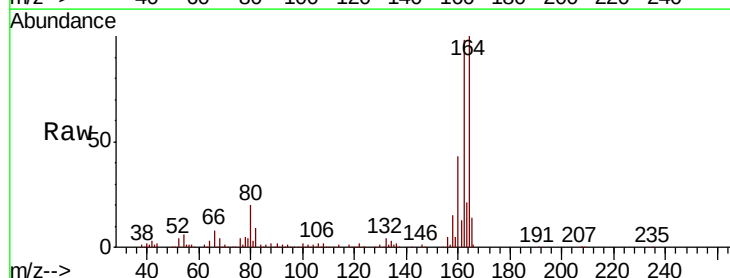
Tgt Ion:164 Resp: 169303

Ion Ratio Lower Upper

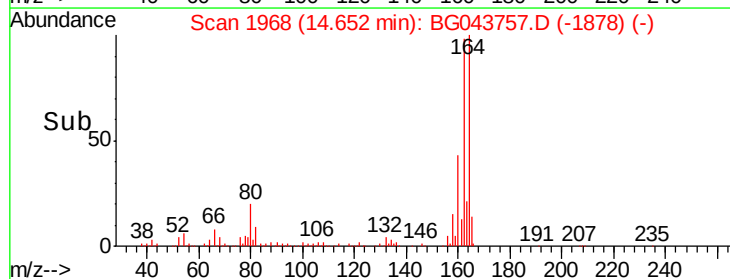
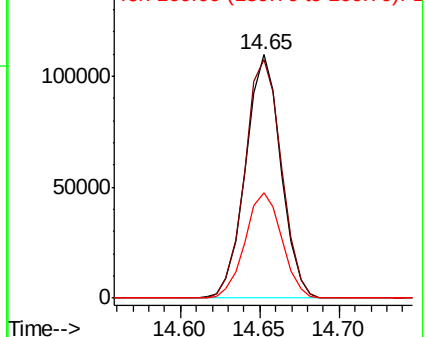
164 100

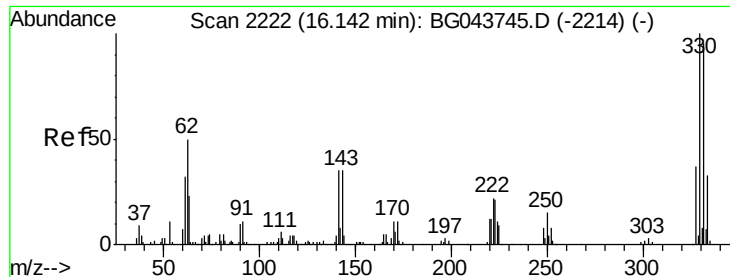
162 98.2 80.6 121.0

160 43.3 36.3 54.5



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

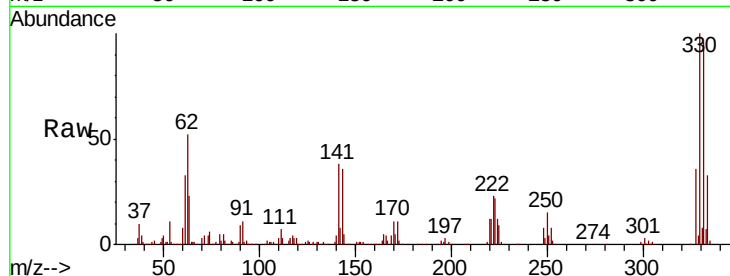




#42
 2,4,6-Tribromophenol
 Concen: 160.293 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG043757.D
 Acq: 23 Nov 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	39.4	31.4	47.2

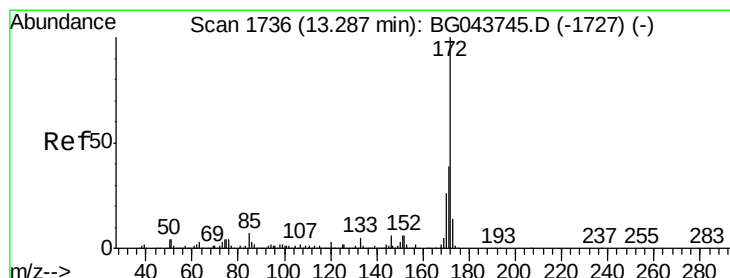
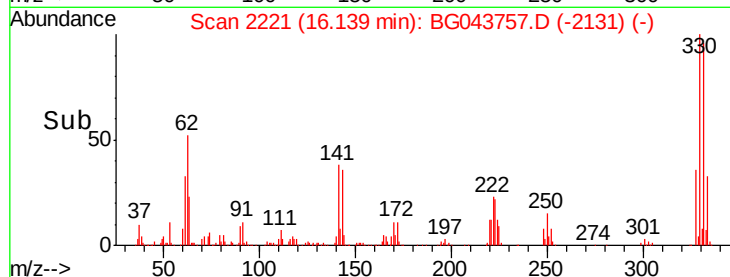
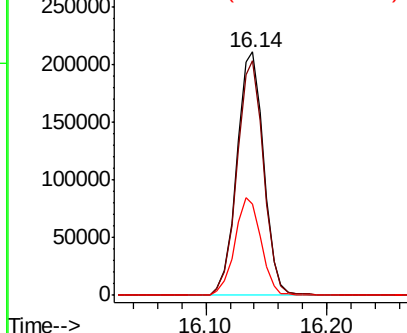


Abundance

Ion 329.80 (329.50 to 330.50): E

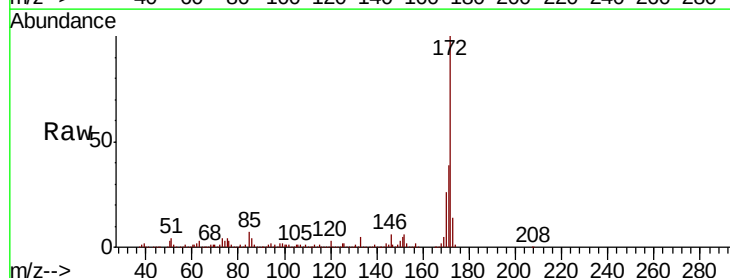
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.154 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG043757.D
 Acq: 23 Nov 2019 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.0	46.6
170	25.9	21.0	31.4

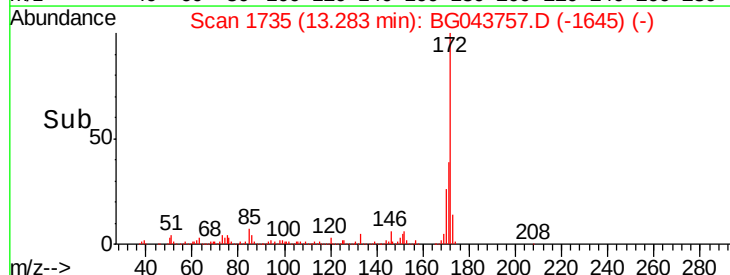
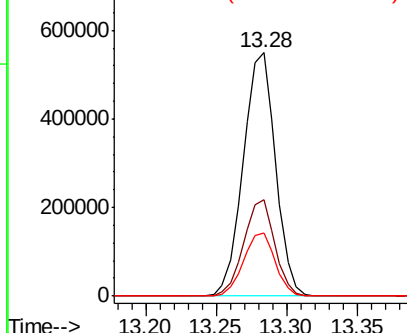


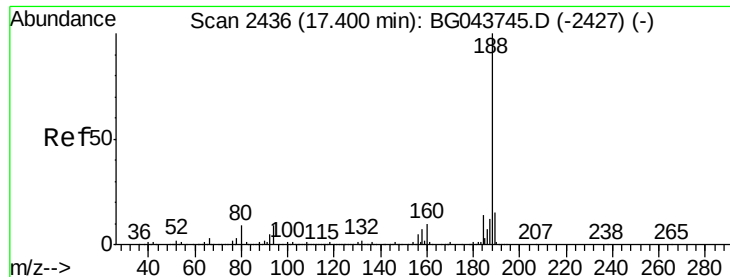
Abundance

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

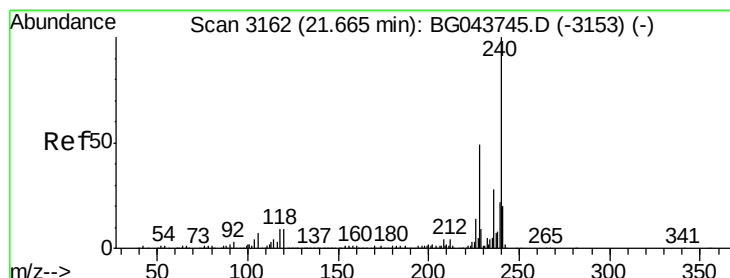
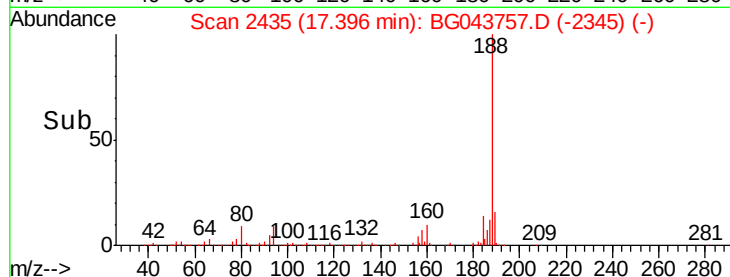
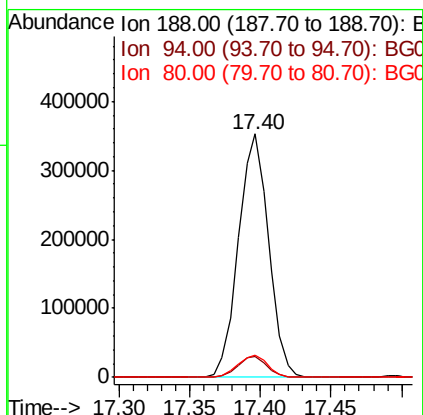
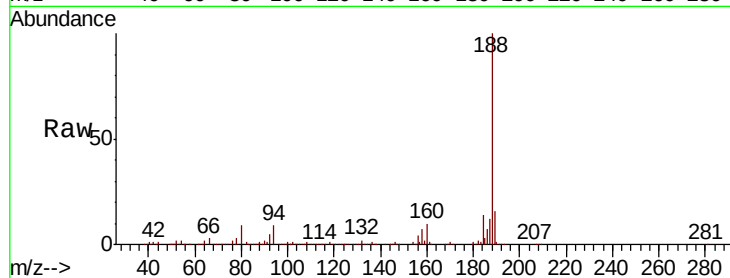




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043757.D
Acq: 23 Nov 2019 15:44

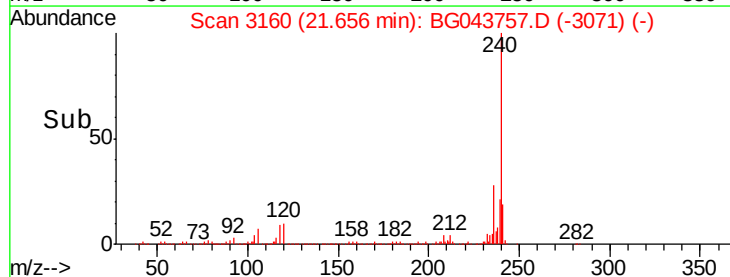
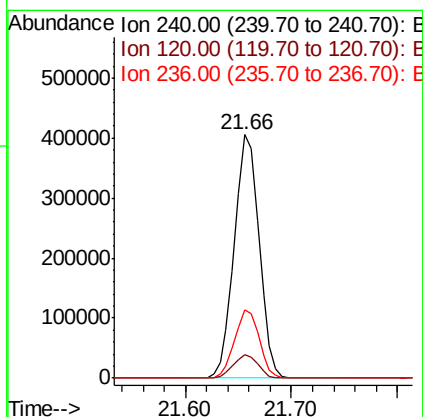
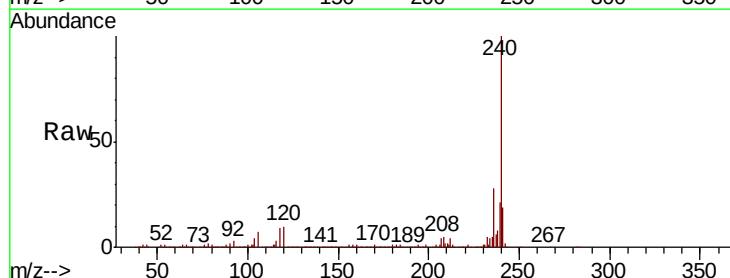
Instrument :
BNA_G
ClientSampleId :
PB124977BL

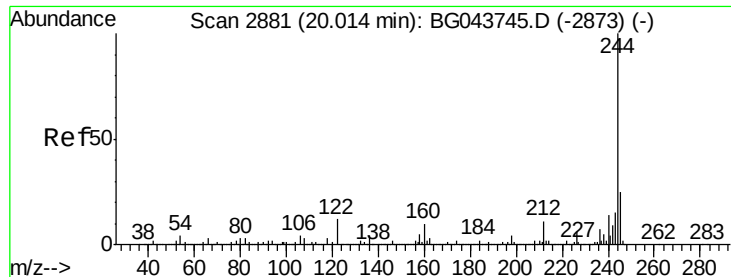
Tot Ion:188 Resp: 525023
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043757.D
Acq: 23 Nov 2019 15:44

Tgt Ion:240 Resp: 656414
Ion Ratio Lower Upper
240 100
120 9.6 7.5 11.3
236 28.0 22.6 34.0





#79

Terphenyl-d14

Concen: 84.592 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043757.D

Acq: 23 Nov 2019 15:44

Instrument :

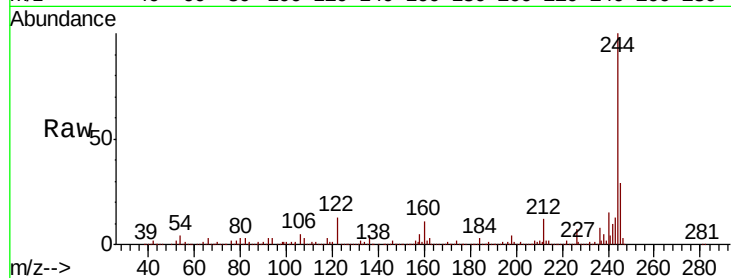
BNA_G

ClientSampleId :

PB124977BL

Tot Ion:244 Resp: 2457360

Ion	Ratio	Lower	Upper
244	100		
212	11.9	8.5	12.7
122	13.3	9.5	14.3

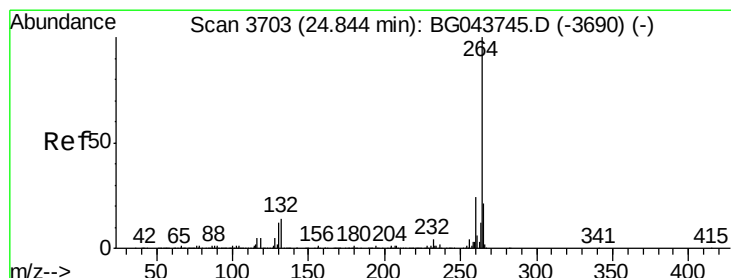
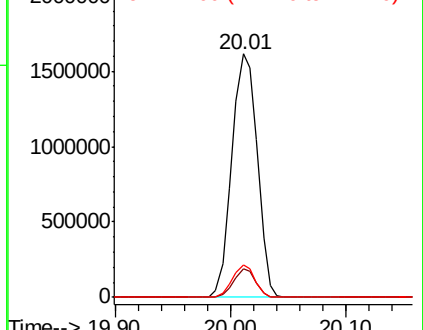
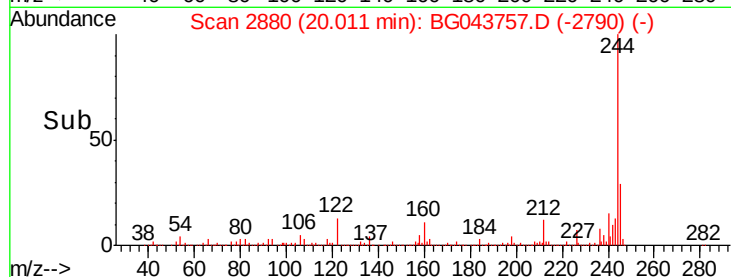


Abundance

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: 24.84 min Scan# 3702

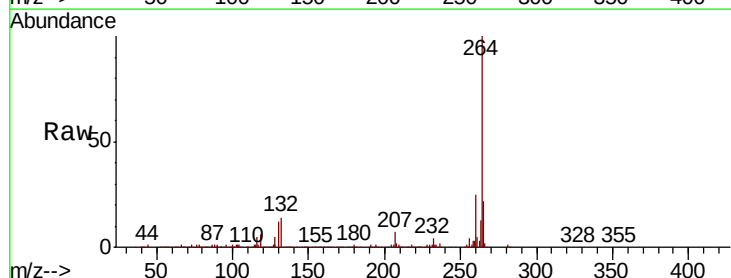
Delta R.T. -0.00 min

Lab File: BG043757.D

Acq: 23 Nov 2019 15:44

Tgt Ion:264 Resp: 573923

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	22.0	17.0	25.6



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

