

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043755.D
 Acq On : 23 Nov 2019 14:27
 Operator : JU
 Sample : PB125036TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125036TB

Quant Time: Nov 25 02:44:23 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

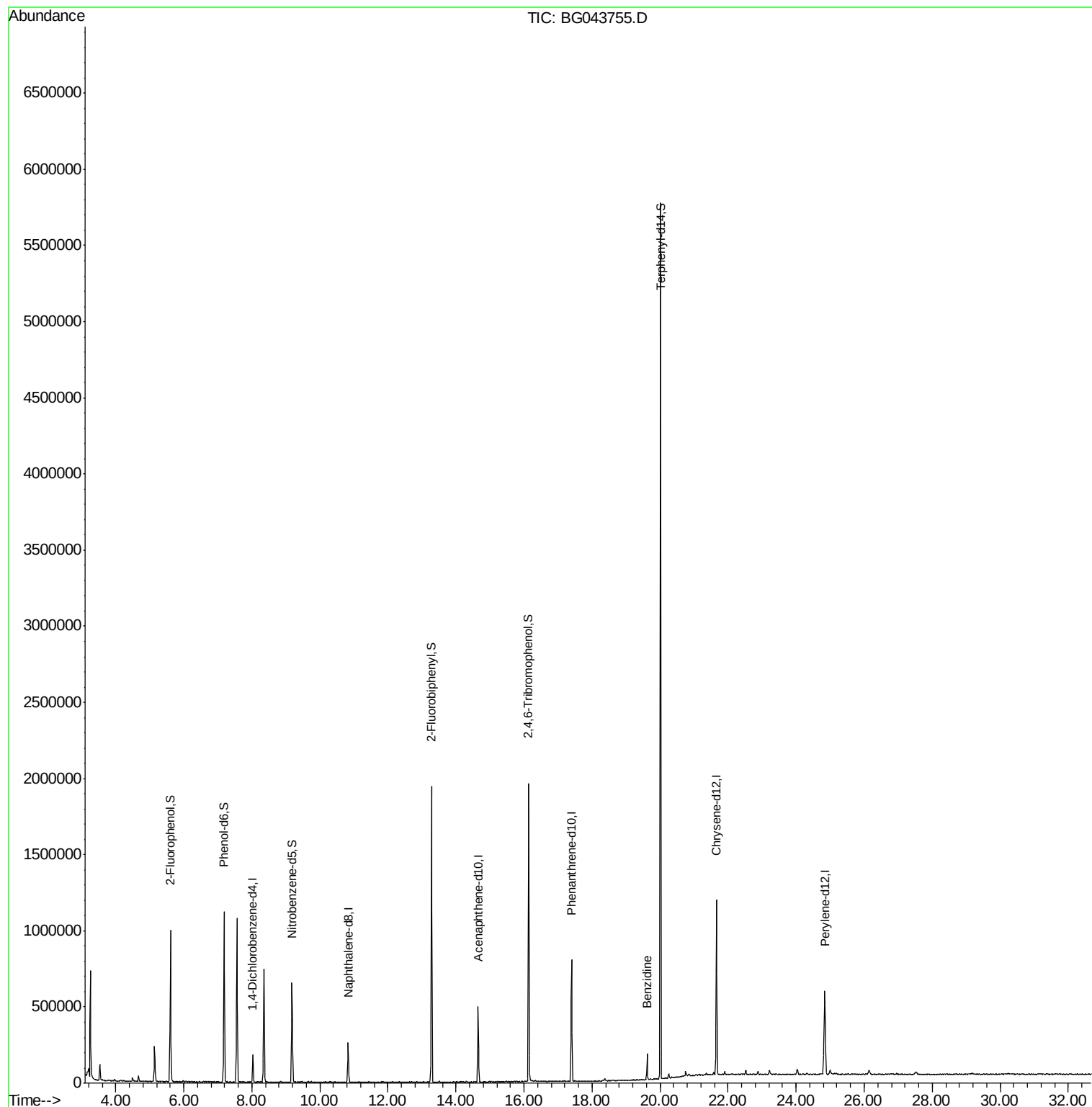
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	52745	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	225339	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	177081	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	517507	20.00	ng	0.00
76) Chrysene-d12	21.66	240	642866	20.00	ng	0.00
87) Perylene-d12	24.84	264	552719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	468227	159.59	ng	0.00
7) Phenol-d6	7.18	99	659014	154.52	ng	0.00
23) Nitrobenzene-d5	9.18	82	389035	94.92	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	343757	160.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	983950	91.34	ng	0.00
79) Terphenyl-d14	20.01	244	2514745	88.39	ng	0.00
Target Compounds						
77) Benzidine	19.62	184	101785	5.420	ng	Qvalue 97

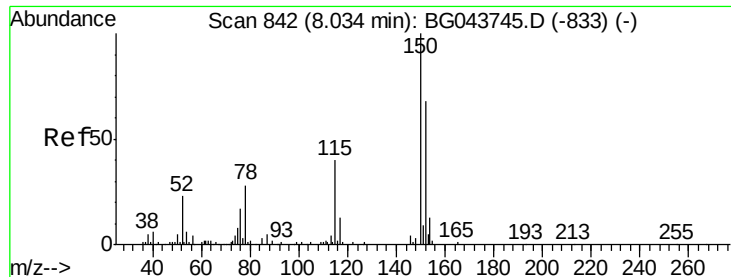
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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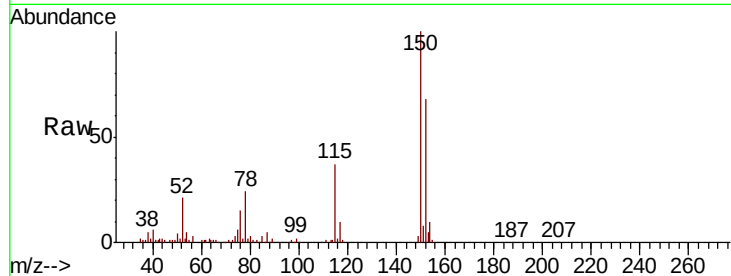


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043755.D
Acq: 23 Nov 2019 14:27

Instrument :
BNA_G
ClientSampleId :
PB125036TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	117.8	176.8
115	54.5	47.0	70.4

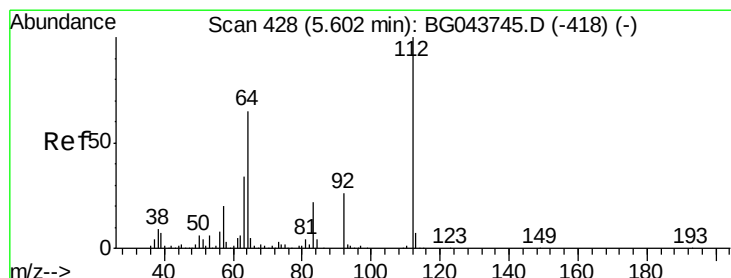
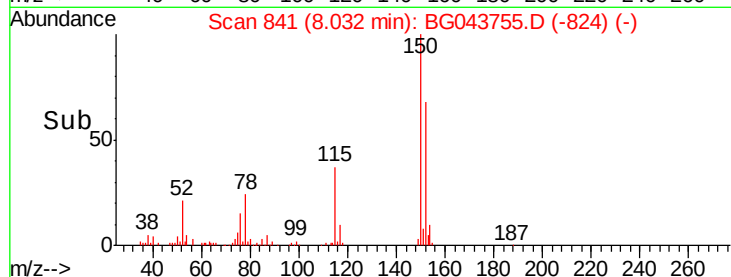
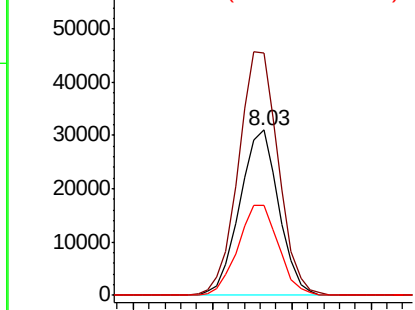


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

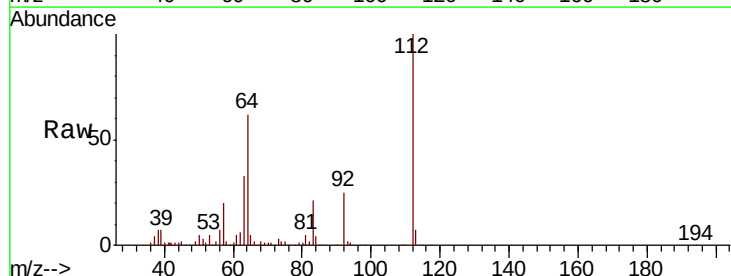
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.592 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043755.D
Acq: 23 Nov 2019 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.7	77.5
63	33.0	26.8	40.2

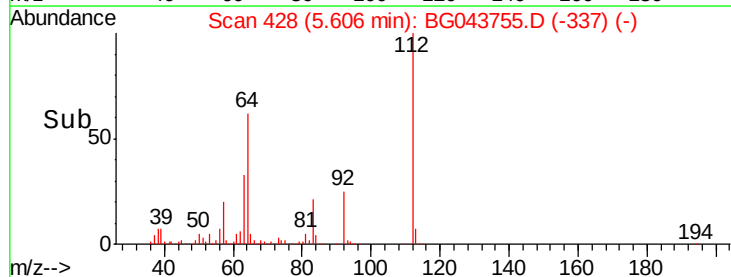
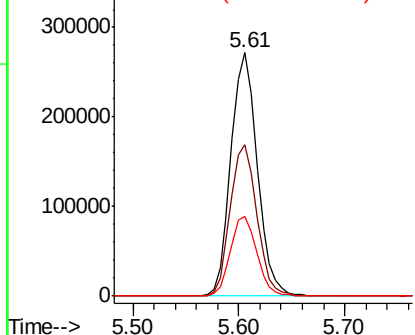


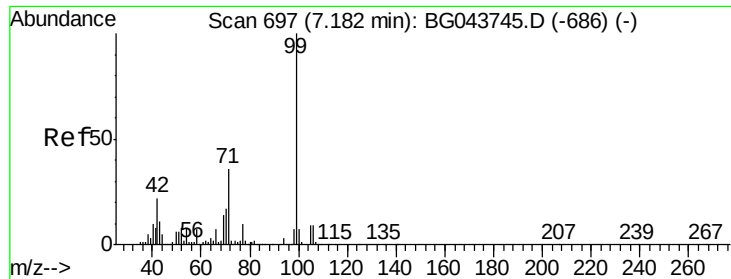
Abundance

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: 154.520 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043755.D

Acq: 23 Nov 2019 14:27

Instrument :

BNA_G

ClientSampleId :

PB125036TB

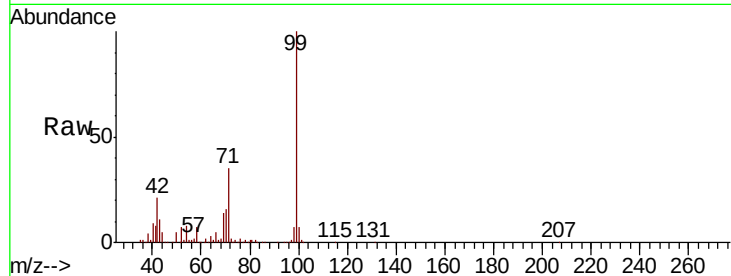
Tot Ion: 99 Resp: 659014

Ion Ratio Lower Upper

99 100

42 21.3 17.4 26.0

71 35.5 29.5 44.3

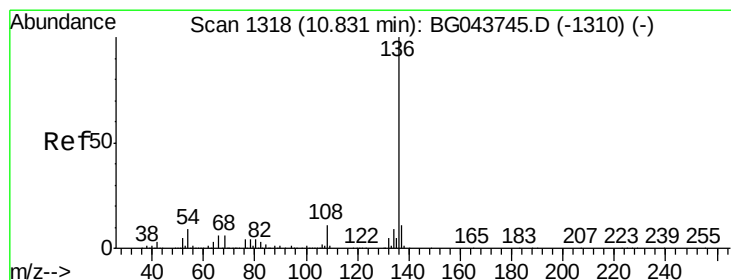
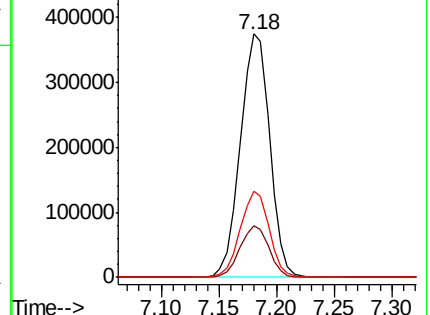
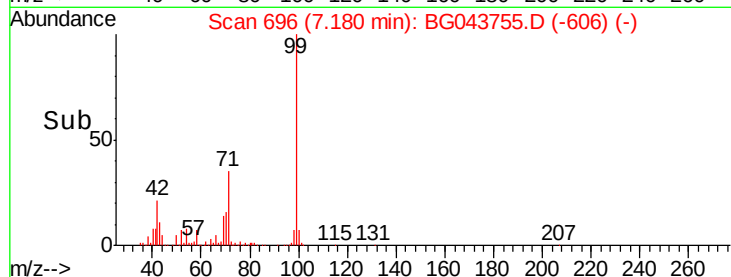


Abundance

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: BG043755.D

Acq: 23 Nov 2019 14:27

Tgt Ion: 136 Resp: 225339

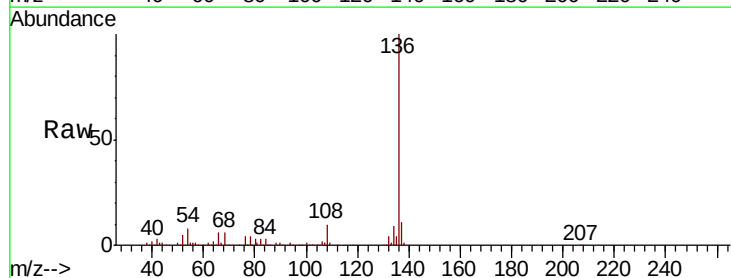
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 7.5 11.3

68 6.1 4.9 7.3



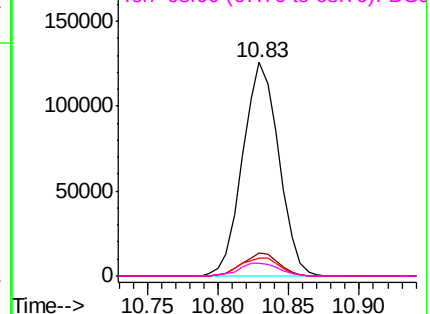
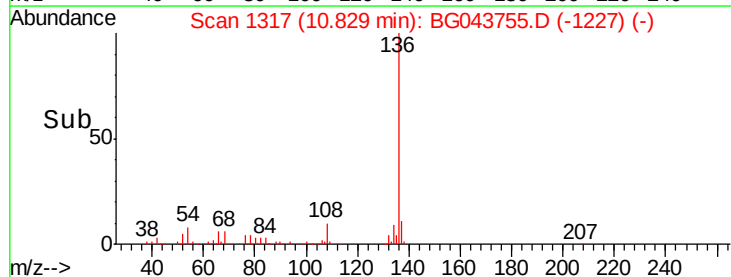
Abundance

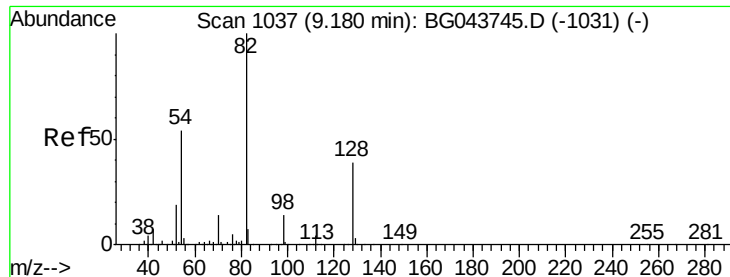
Ion 136.00 (135.70 to 136.70): BGC

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

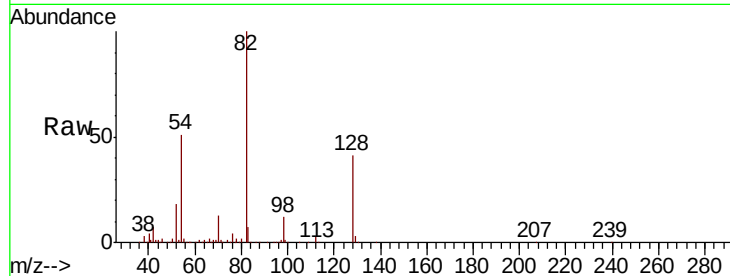




#23
Nitrobenzene-d5
Concen: 94.924 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043755.D
Acq: 23 Nov 2019 14:27

Instrument :
BNA_G
ClientSampleId :
PB125036TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	50.5	42.7	64.1

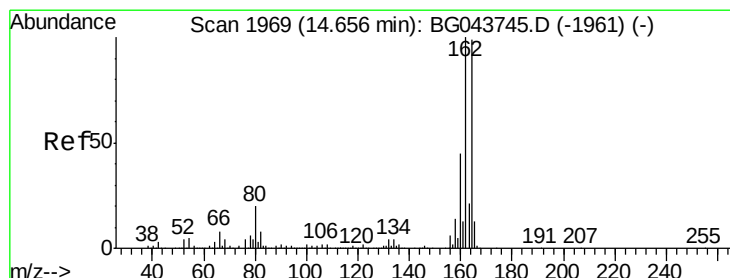
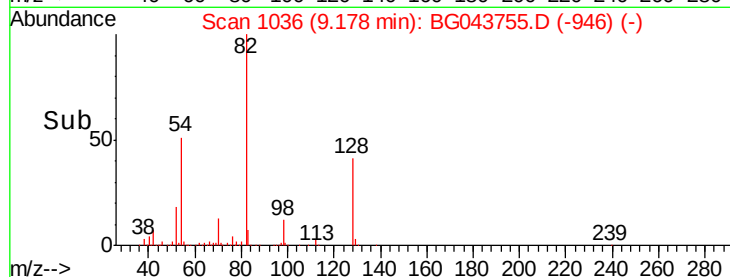
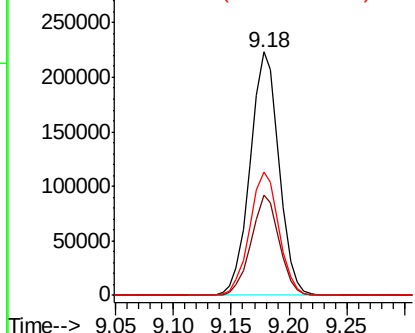


Abundance

Ion 82.00 (81.70 to 82.70): BGC

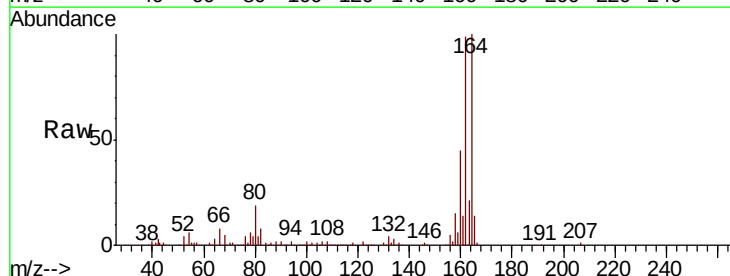
Ion 128.00 (127.70 to 128.70): BGC

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: BG043755.D
Acq: 23 Nov 2019 14:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	121.0
160	44.9	36.3	54.5

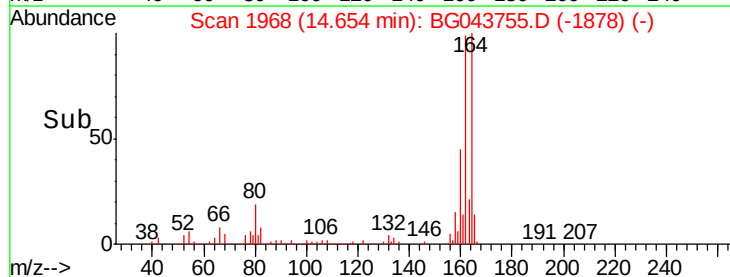
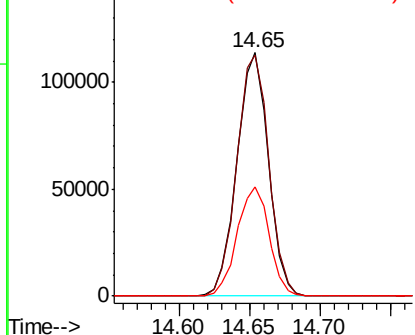


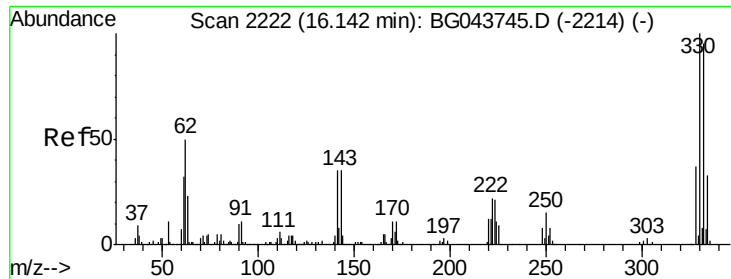
Abundance

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

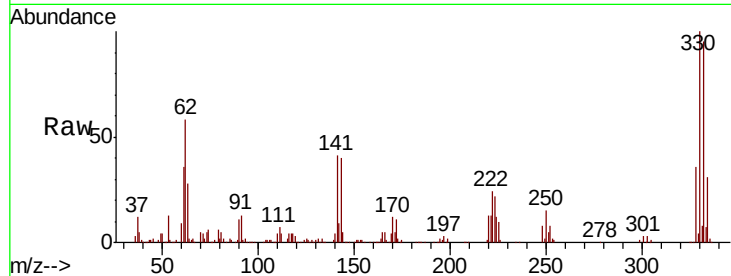




#42
 2,4,6-Tribromophenol
 Concen: 160.945 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043755.D
 Acq: 23 Nov 2019 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB125036TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	38.9	31.4	47.2

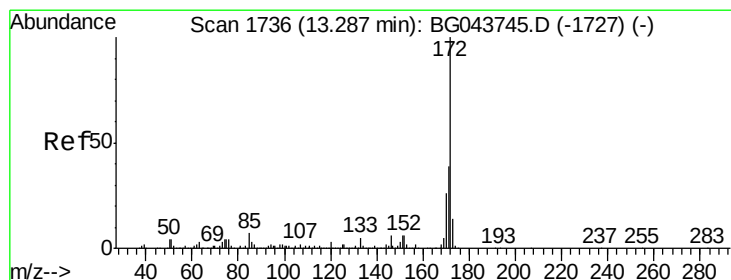
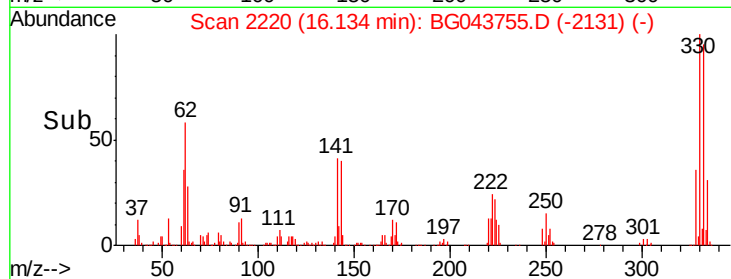
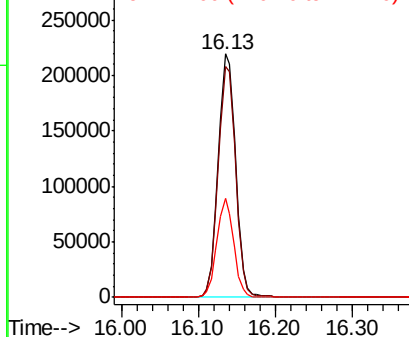


Abundance

Ion 329.80 (329.50 to 330.50): E

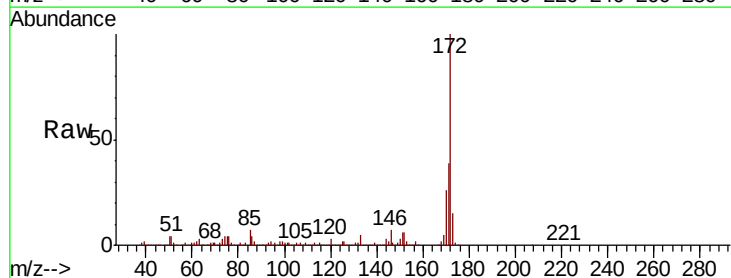
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.337 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG043755.D
 Acq: 23 Nov 2019 14:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.6
170	25.9	21.0	31.4

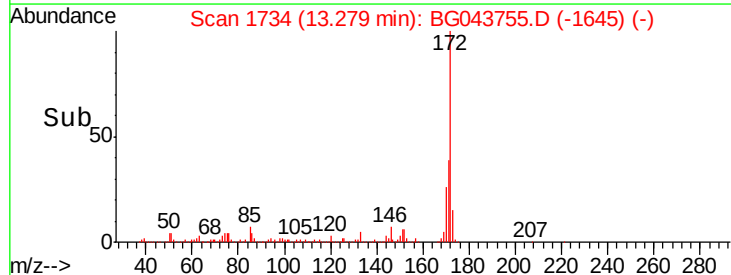
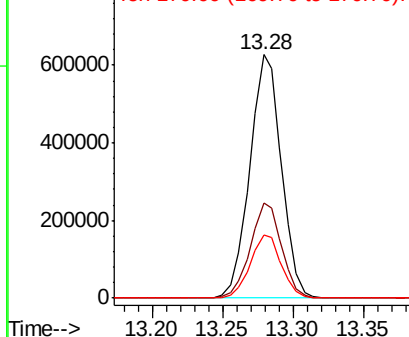


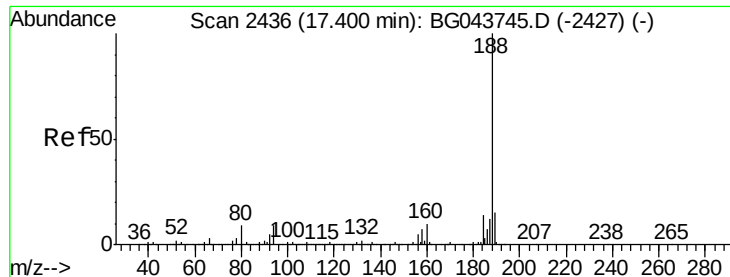
Abundance

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: BG043755.D

Acq: 23 Nov 2019 14:27

Instrument :

BNA_G

ClientSampleId :

PB125036TB

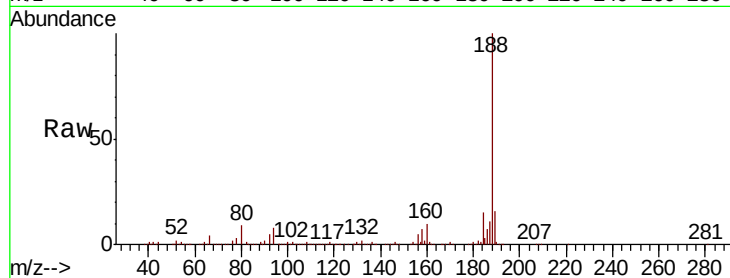
Tot Ion:188 Resp: 517507

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

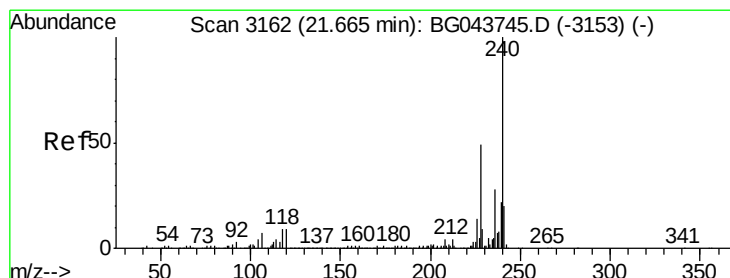
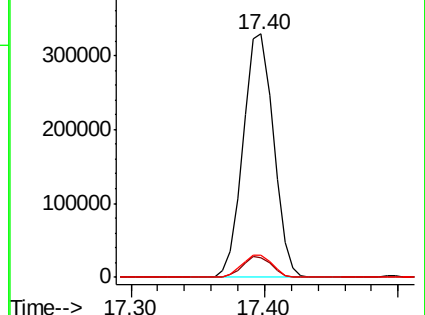
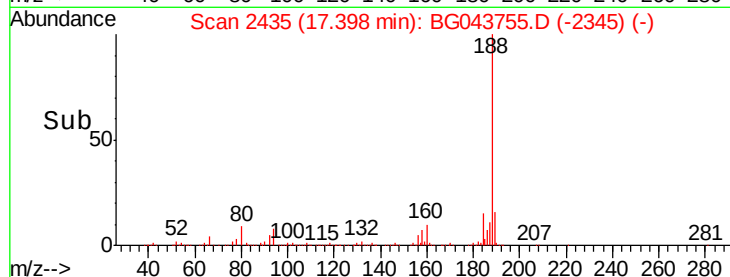
80 9.3 7.5 11.3



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: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043755.D

Acq: 23 Nov 2019 14:27

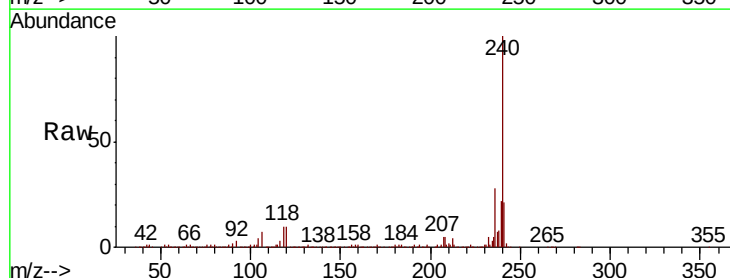
Tgt Ion:240 Resp: 642866

Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

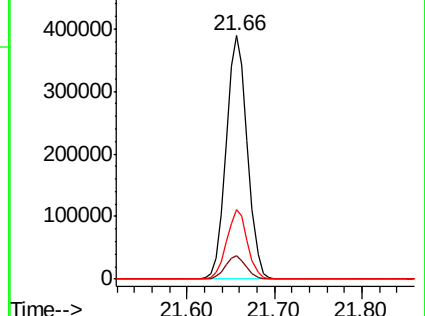
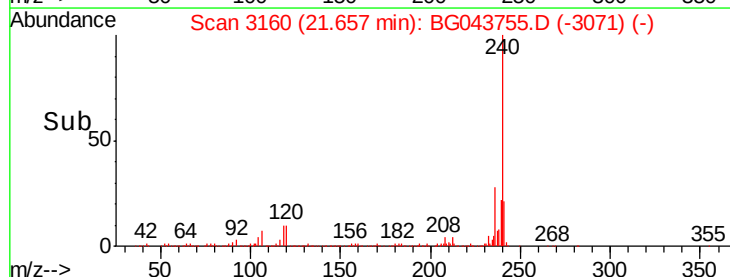
236 28.3 22.6 34.0

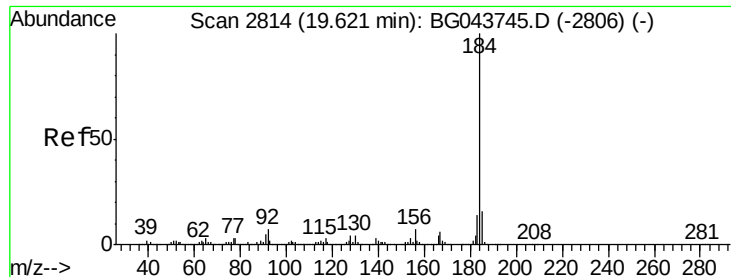


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.420 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043755.D

Acq: 23 Nov 2019 14:27

Instrument :

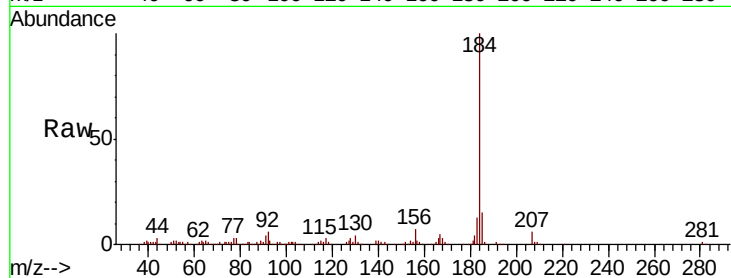
BNA_G

ClientSampleId :

PB125036TB

Tot Ion:184 Resp: 101785

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.8	19.2
183	12.7	11.3	16.9

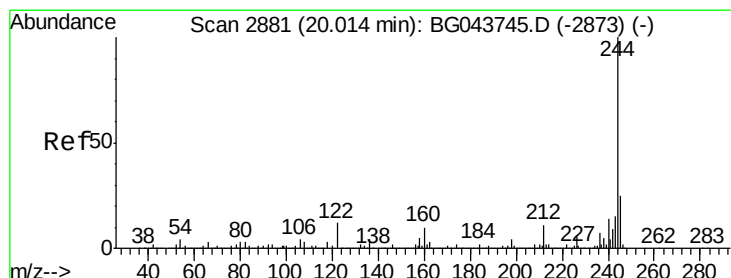
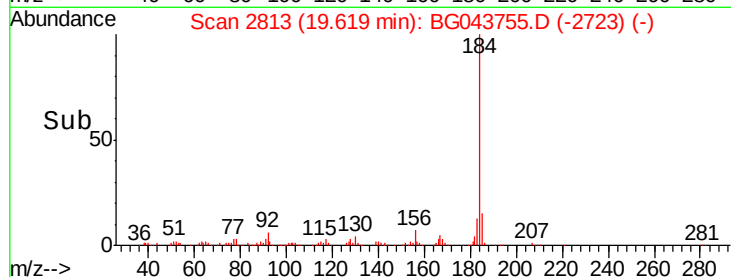
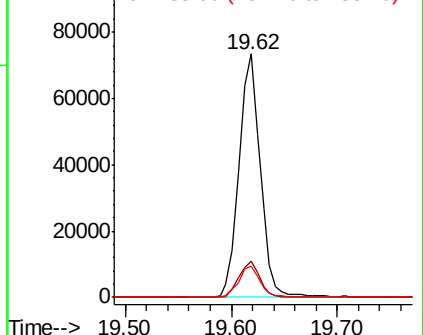


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 88.392 ng

RT: 20.01 min Scan# 2880

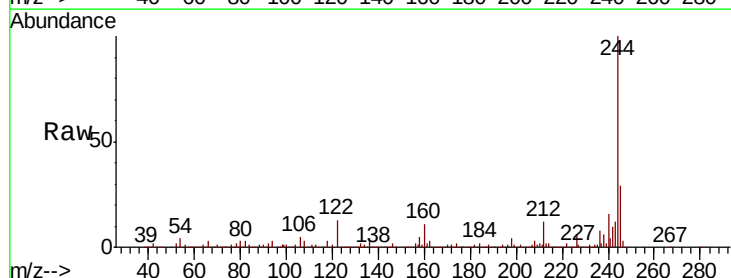
Delta R.T. -0.00 min

Lab File: BG043755.D

Acq: 23 Nov 2019 14:27

Tgt Ion:244 Resp: 2514745

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

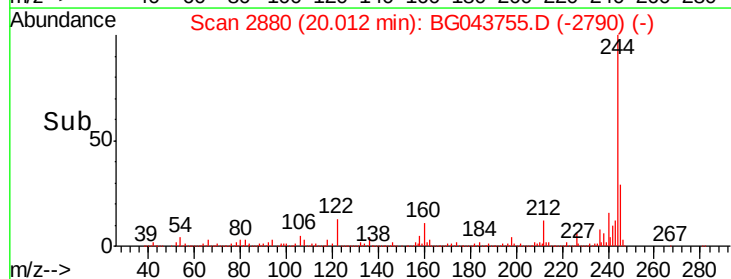
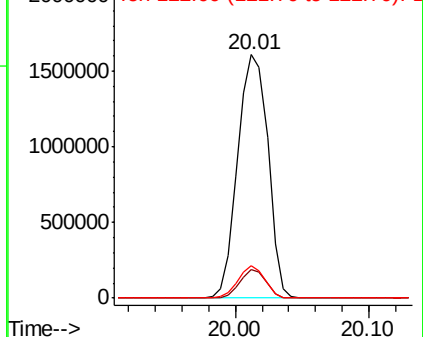


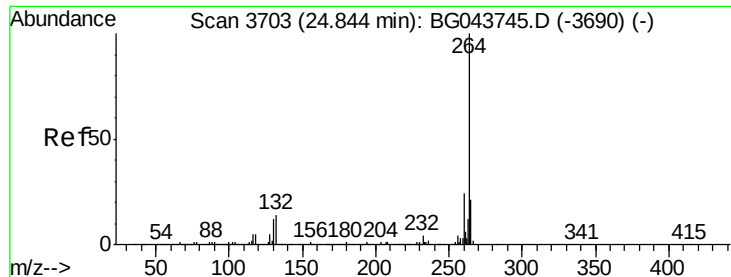
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BG043755.D
Acq: 23 Nov 2019 14:27

Instrument :
BNA_G
ClientSampleId :
PB125036TB

Tot Ion: 264 Resp: 552719

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.7	17.0	25.6

