

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045884.D
 Acq On : 30 Jun 2020 14:41
 Operator : CG/JU
 Sample : PB129821BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129821BL

Quant Time: Jul 01 09:50:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	87960	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	347357	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	249953	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	604482	20.00	ng	0.00
76) Chrysene-d12	21.56	240	684279	20.00	ng	0.00
86) Perylene-d12	24.67	264	666556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	351576	67.52	ng	0.00
7) Phenol-d6	7.11	99	507603	64.09	ng	0.00
23) Nitrobenzene-d5	9.06	82	360598	47.42	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	268339	71.11	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	843458	49.59	ng	0.00
79) Terphenyl-d14	19.92	244	1764687	52.26	ng	0.00

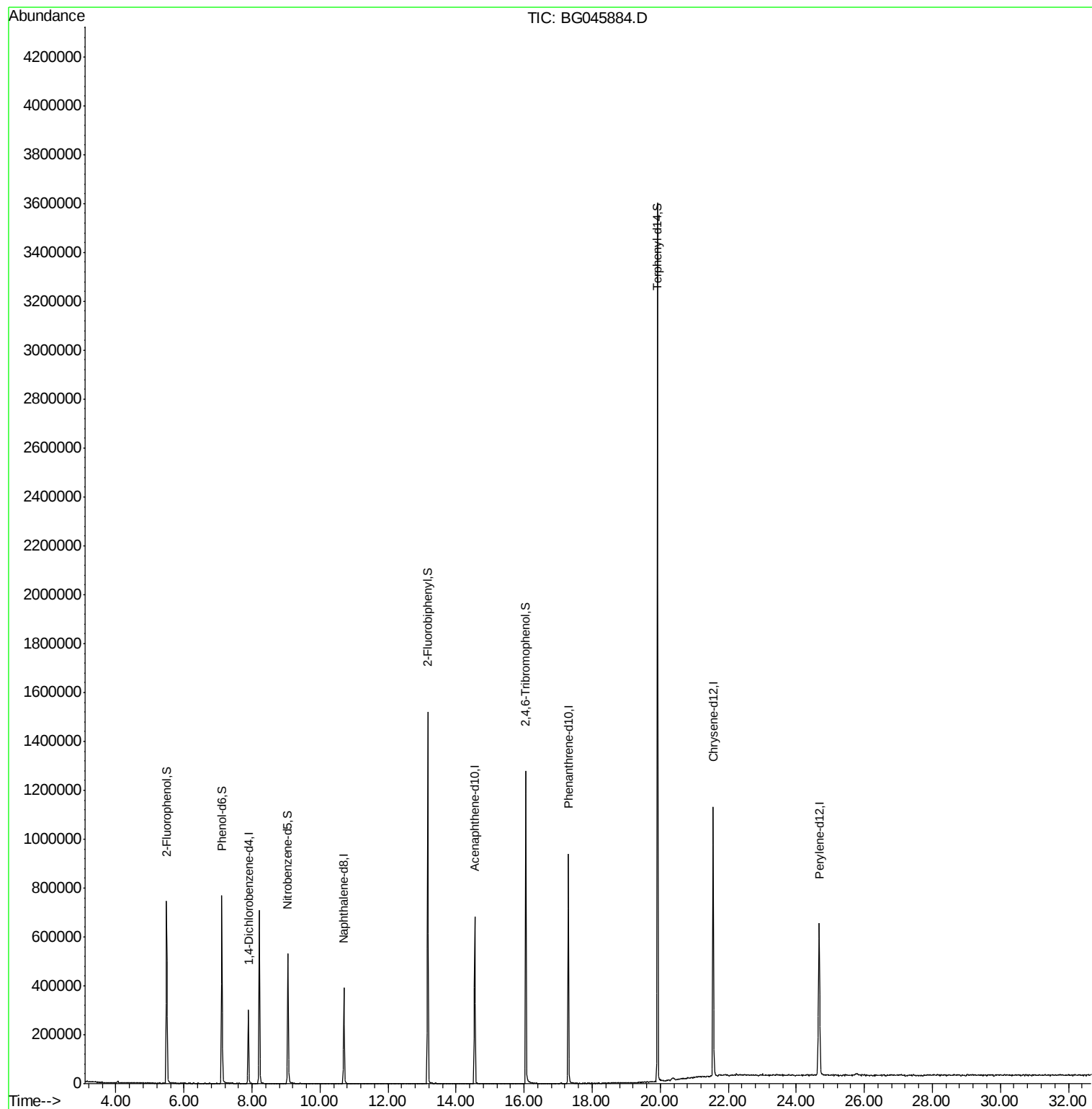
Target Compounds Qvalue

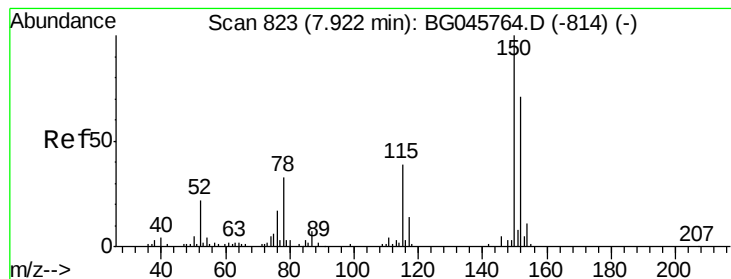
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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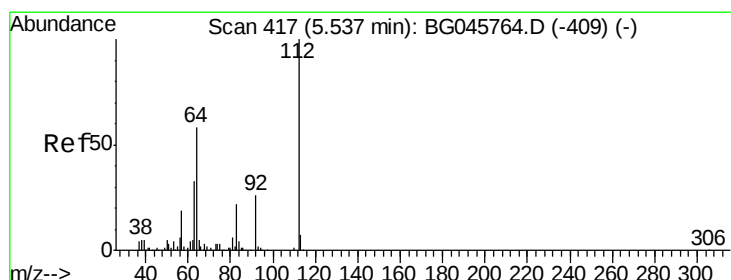
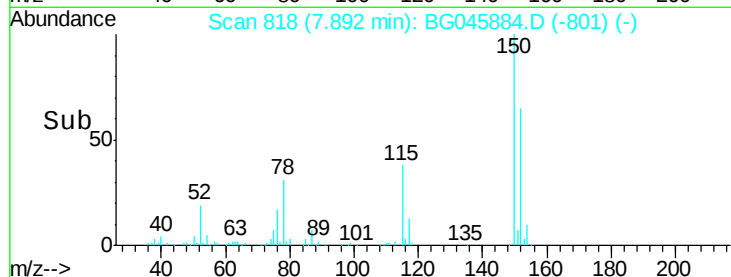
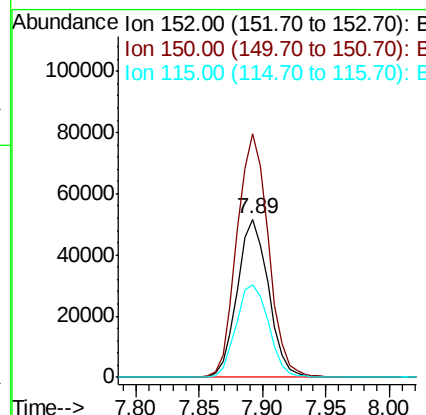
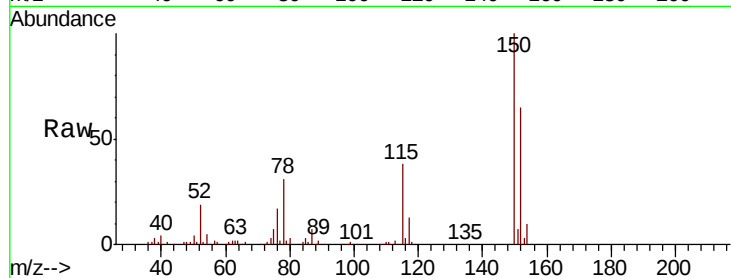


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB129821BL

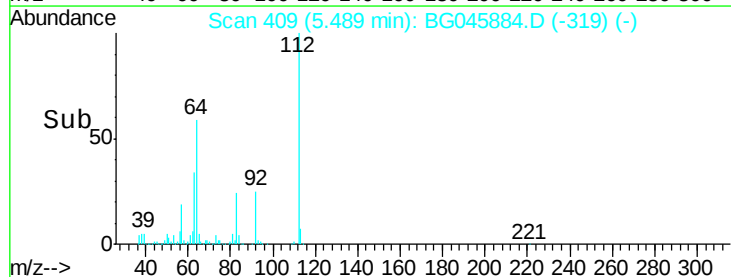
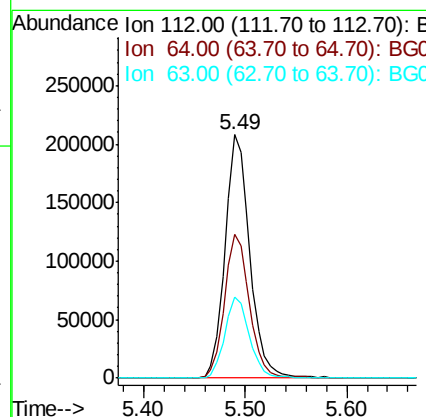
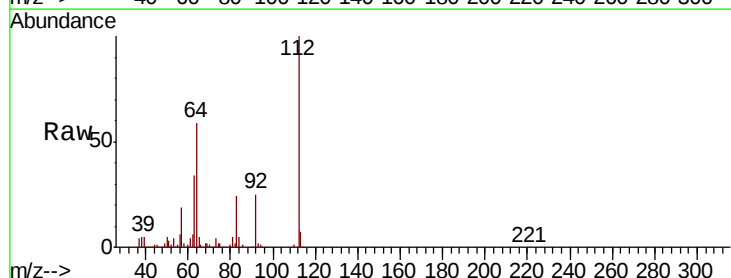
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.2	181.8
115	58.4	47.5	71.3

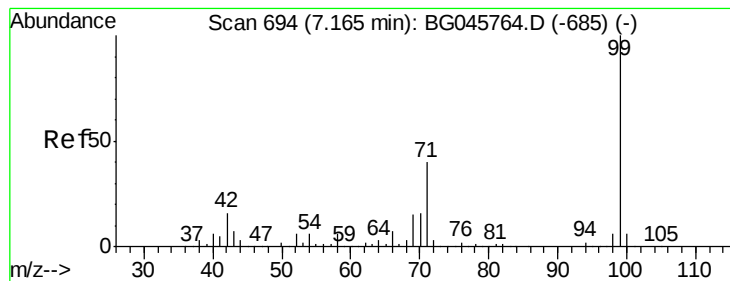


#5

2-Fluorophenol
Concen: 67.519 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.5	72.7
63	33.5	26.5	39.7





#7

Phenol-d6

Concen: 64.088 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB129821BL

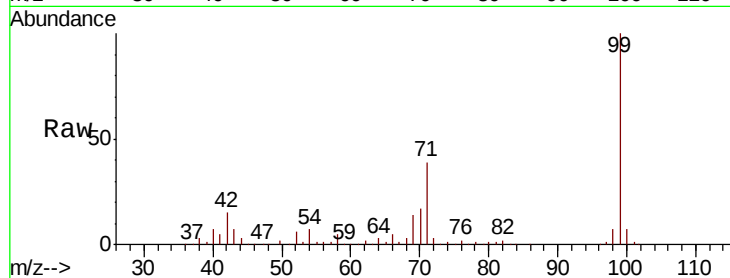
Tot Ion: 99 Resp: 507603

Ion Ratio Lower Upper

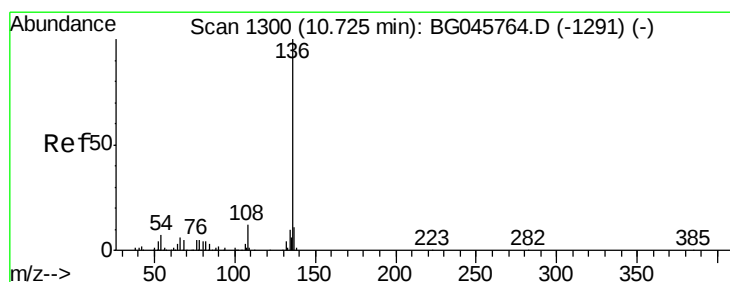
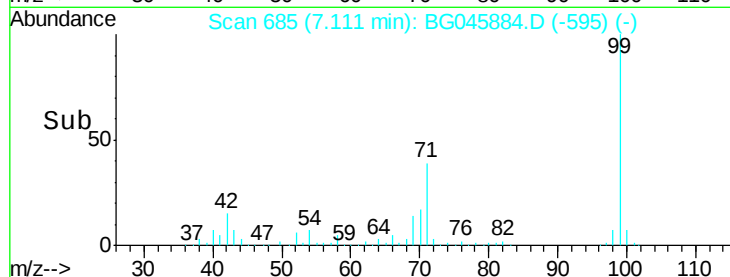
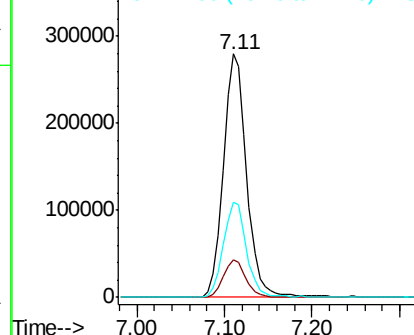
99 100

42 15.2 12.0 18.0

71 39.3 31.0 46.4



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: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Tgt Ion: 136 Resp: 347357

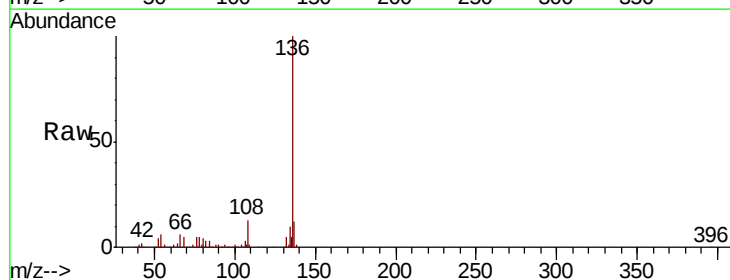
Ion Ratio Lower Upper

136 100

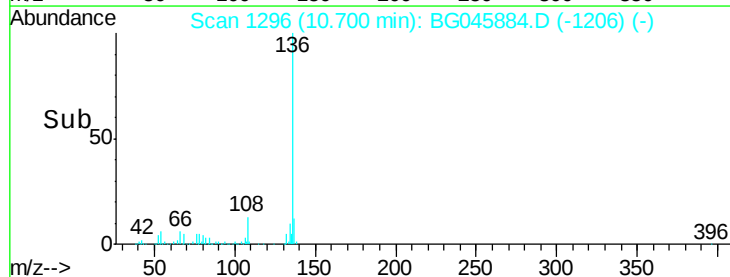
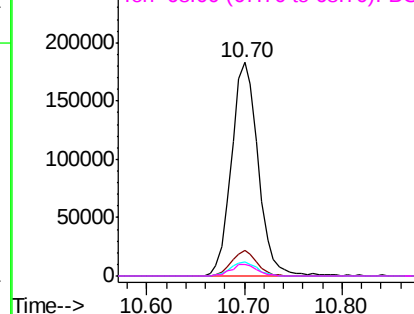
137 11.7 9.4 14.0

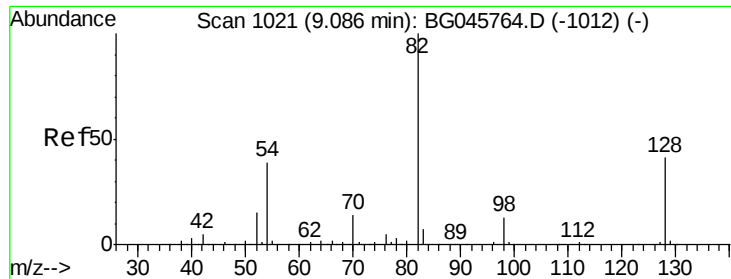
54 6.4 4.9 7.3

68 5.3 3.9 5.9



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

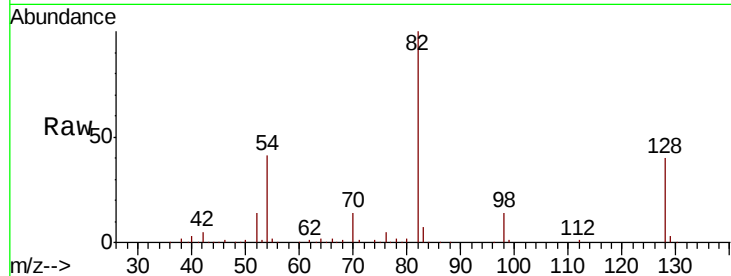




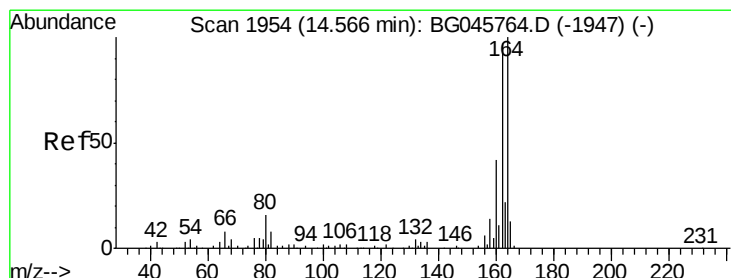
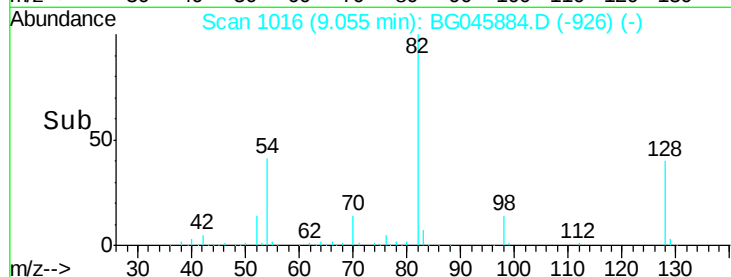
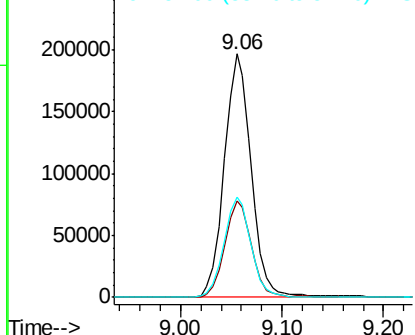
#23
Nitrobenzene-d5
Concen: 47.425 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB129821BL

Tot Ion: 82 Resp: 360598
Ion Ratio Lower Upper
82 100
128 39.8 31.3 46.9
54 41.1 32.6 49.0

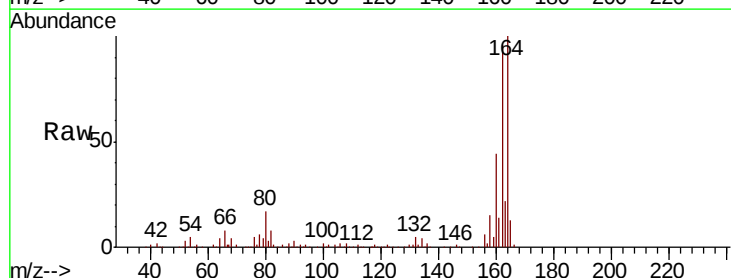


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

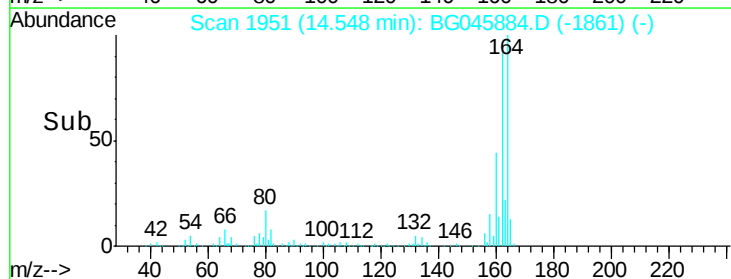
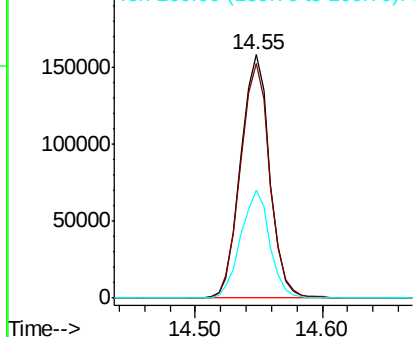


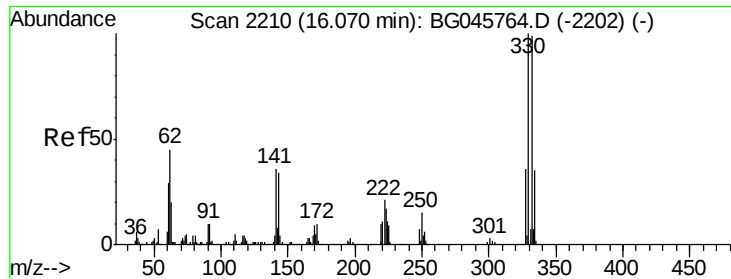
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Tgt Ion: 164 Resp: 249953
Ion Ratio Lower Upper
164 100
162 96.5 80.6 120.8
160 44.2 35.0 52.4



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

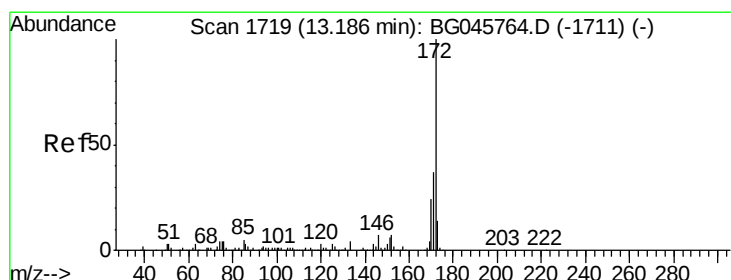
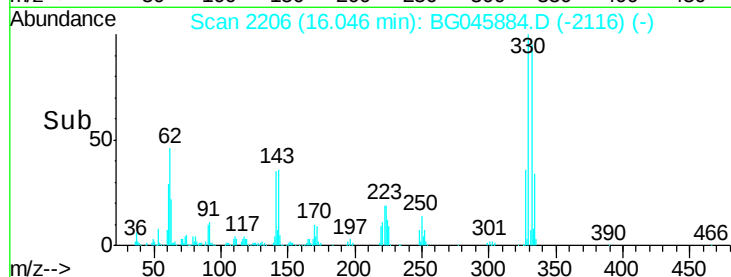
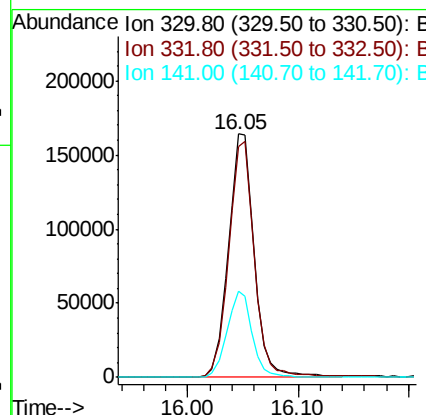
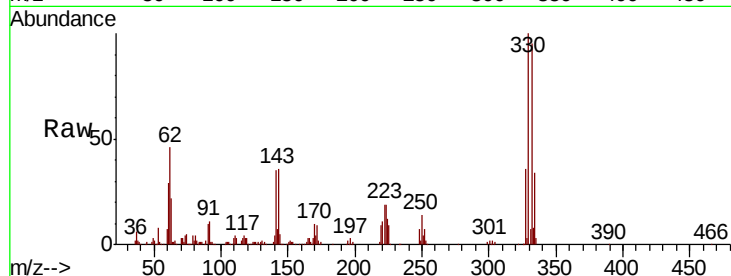




#42
 2,4,6-Tribromophenol
 Concen: 71.109 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG045884.D
 Acq: 30 Jun 2020 14:41

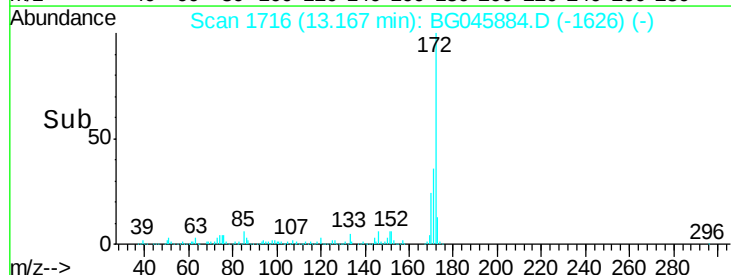
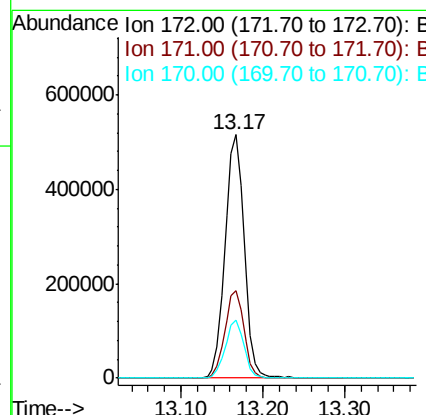
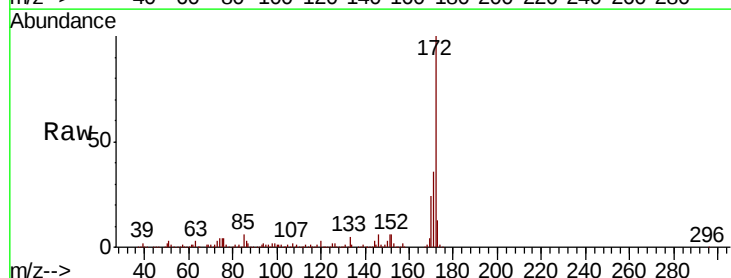
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BL

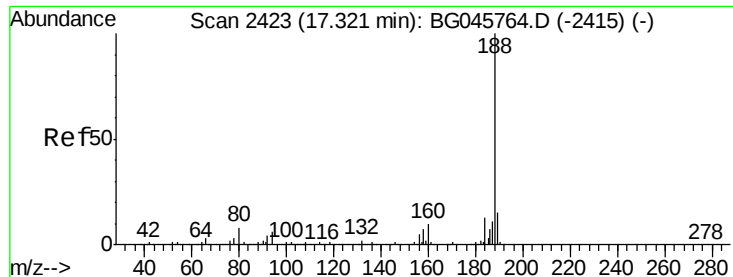
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	34.7	27.7	41.5



#45
 2-Fluorobiphenyl
 Concen: 49.590 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG045884.D
 Acq: 30 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.8	19.1	28.7

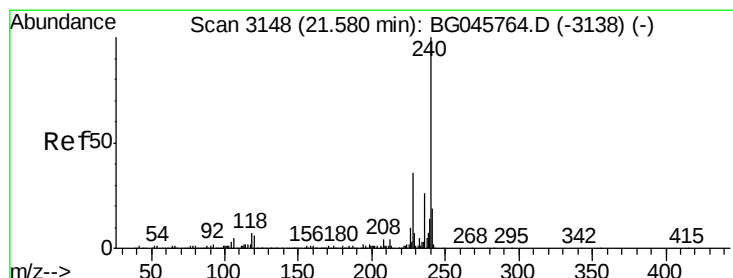
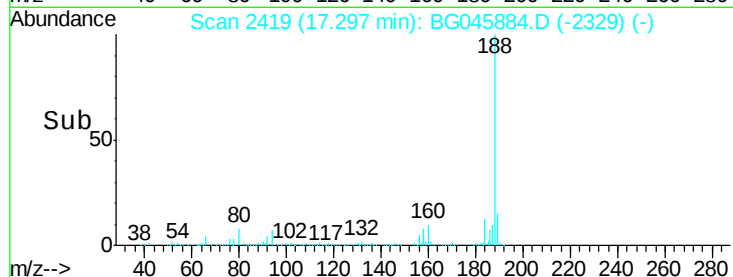
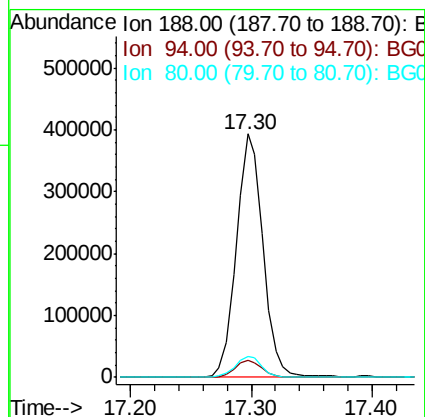
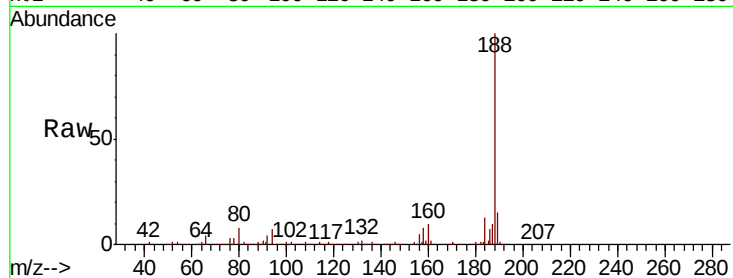




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

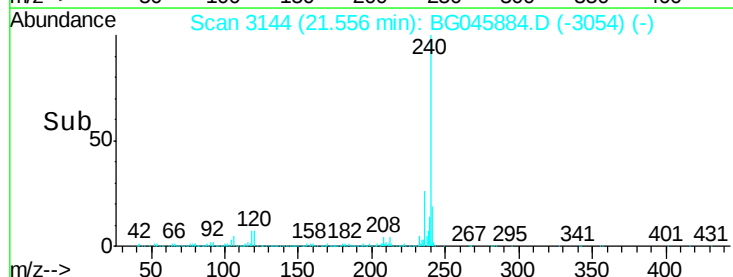
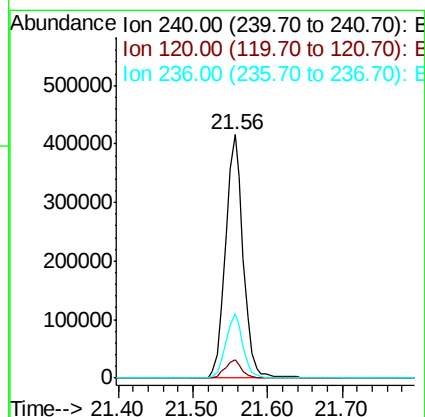
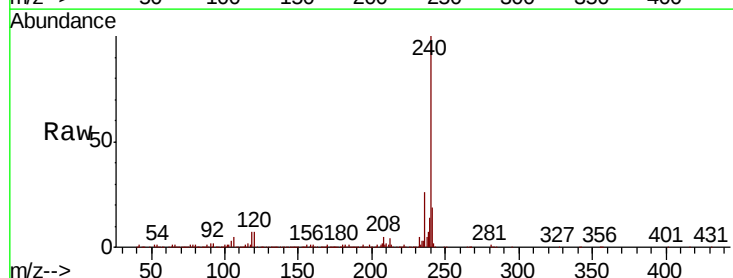
Instrument :
BNA_G
ClientSampleId :
PB129821BL

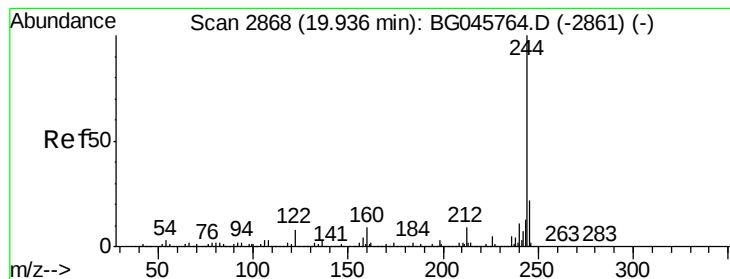
Tot Ion:188 Resp: 604482
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045884.D
Acq: 30 Jun 2020 14:41

Tgt Ion:240 Resp: 684279
Ion Ratio Lower Upper
240 100
120 7.3 5.6 8.4
236 26.2 21.3 31.9





#79

Terphenyl-d14

Concen: 52.264 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB129821BL

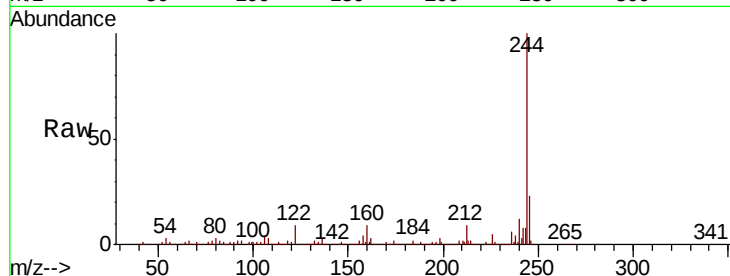
Tot Ion:244 Resp: 1764687

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	9.1	6.9	10.3

244 100

212 9.4 7.2 10.8

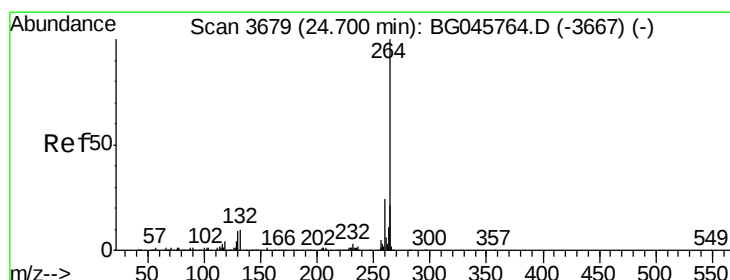
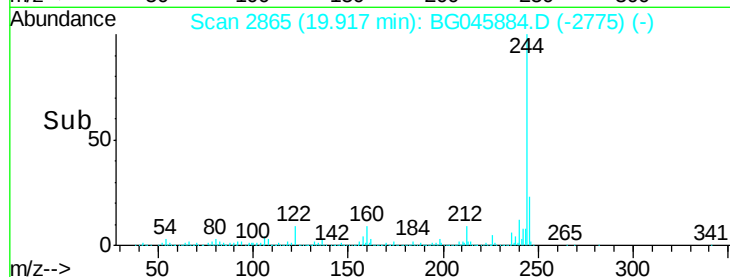
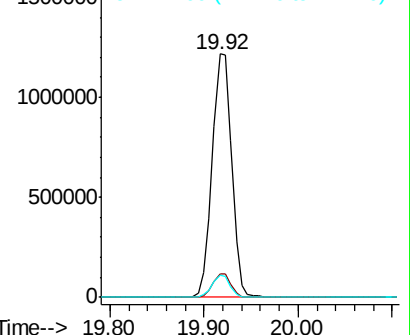
122 9.1 6.9 10.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG045884.D

Acq: 30 Jun 2020 14:41

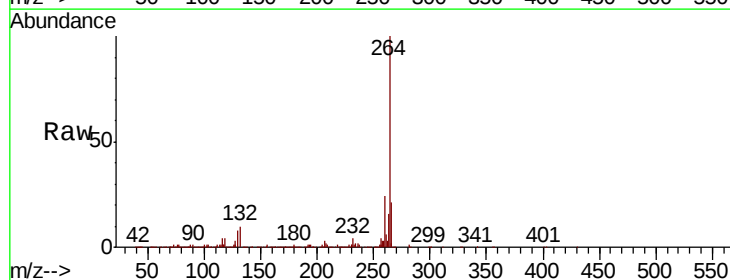
Tgt Ion:264 Resp: 666556

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.4	26.0

264 100

260 23.9 19.5 29.3

265 21.4 17.4 26.0



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

