

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045204.D
 Acq On : 29 Apr 2020 14:20
 Operator : CG/JU
 Sample : PB128538BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128538BL

Quant Time: Apr 29 15:03:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59527	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	226667	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178074	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	448566	20.00	ng	0.00
76) Chrysene-d12	21.64	240	449615	20.00	ng	0.00
87) Perylene-d12	24.81	264	462857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	370874	102.86	ng	0.00
7) Phenol-d6	7.15	99	514060	95.96	ng	0.00
23) Nitrobenzene-d5	9.14	82	484420	97.52	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	288211	104.77	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1178688	97.06	ng	0.00
79) Terphenyl-d14	19.99	244	2191758	106.25	ng	0.00

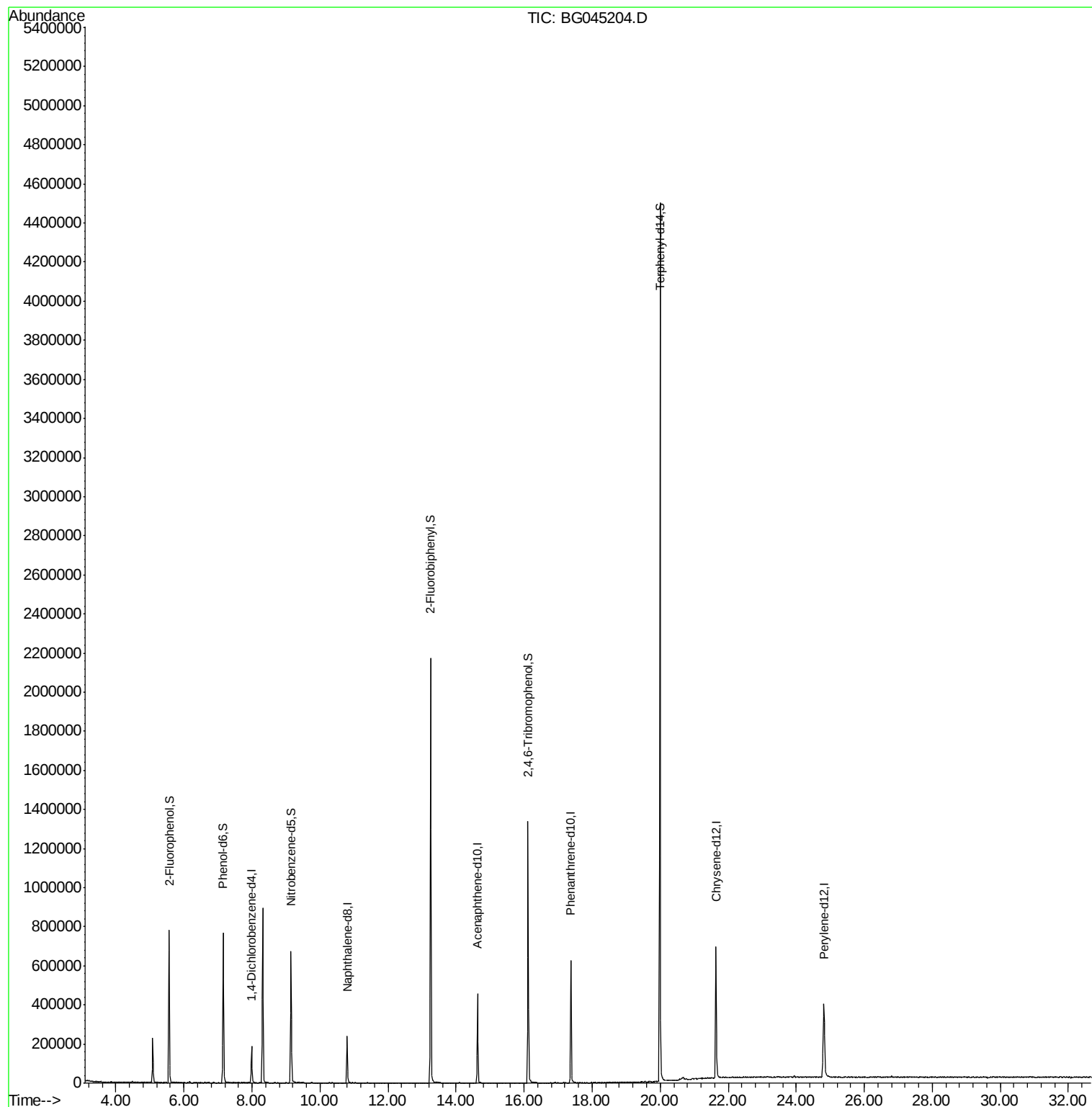
Target Compounds Qvalue

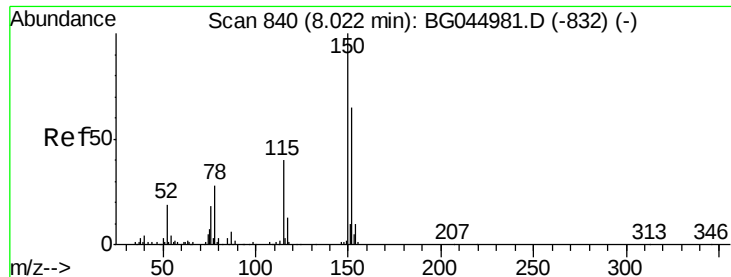
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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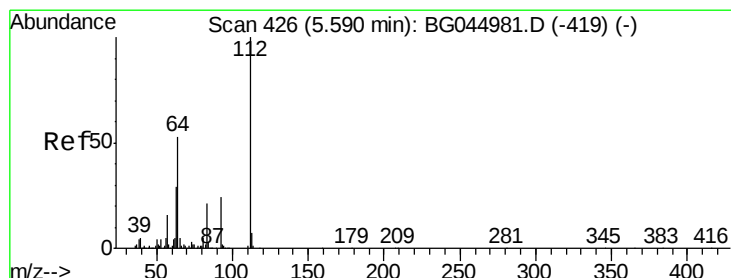
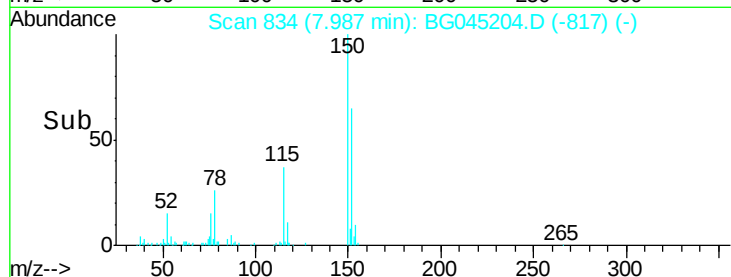
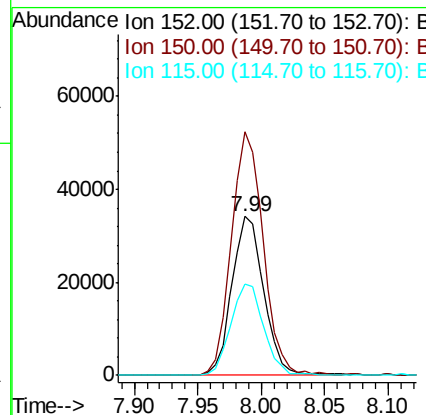
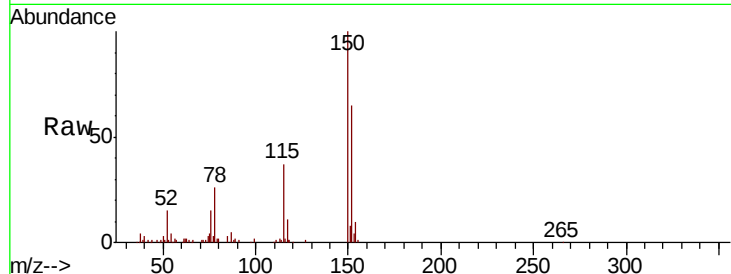


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045204.D
Acq: 29 Apr 2020 14:20

Instrument :
BNA_G
ClientSampleId :
PB128538BL

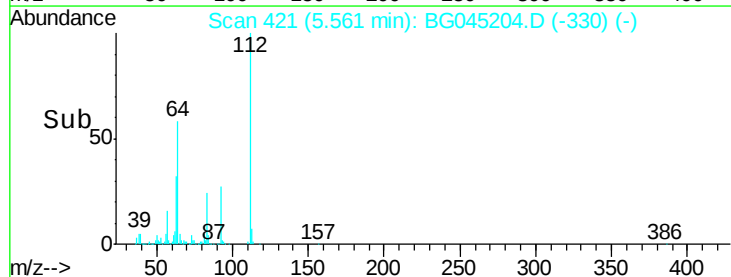
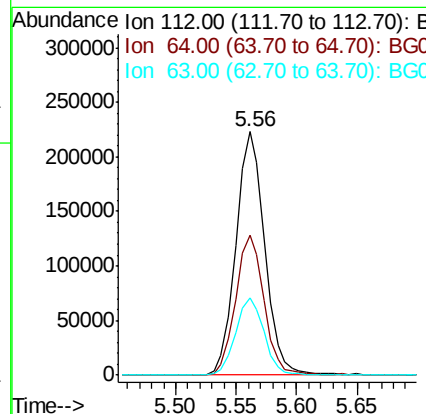
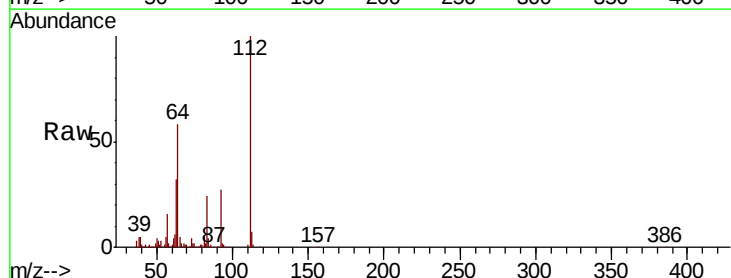
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.6	185.4
115	57.2	49.1	73.7

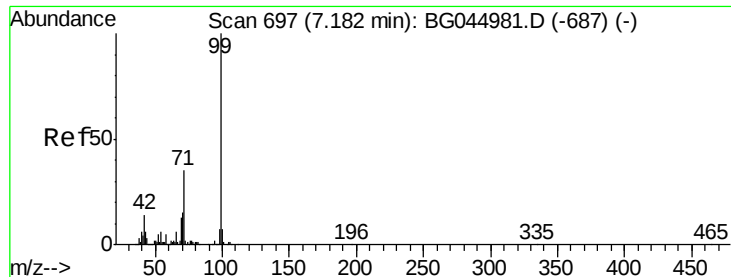


#5

2-Fluorophenol
Concen: 102.860 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045204.D
Acq: 29 Apr 2020 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.4	63.6
63	31.5	23.1	34.7





#7

Phenol-d6

Concen: 95.959 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045204.D

Acq: 29 Apr 2020 14:20

Instrument :

BNA_G

ClientSampleId :

PB128538BL

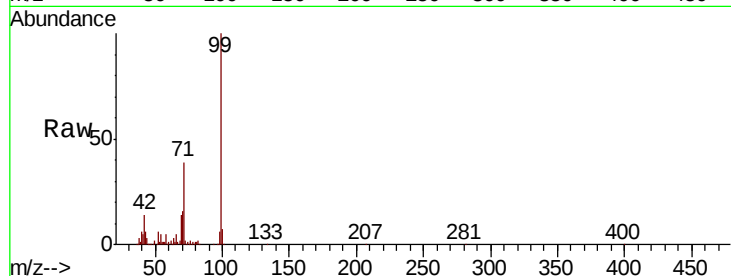
Tot Ion: 99 Resp: 514060

Ion Ratio Lower Upper

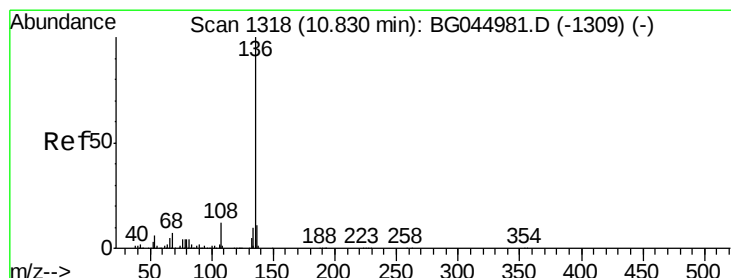
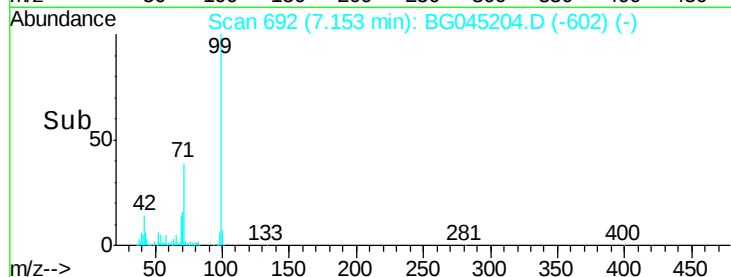
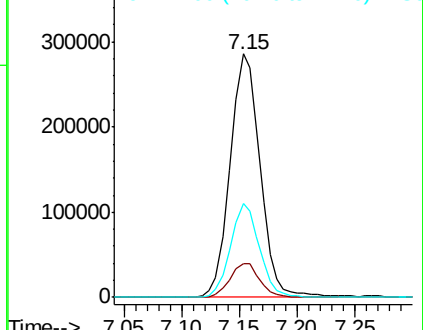
99 100

42 13.9 11.3 16.9

71 38.8 28.3 42.5



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: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG045204.D

Acq: 29 Apr 2020 14:20

Tgt Ion: 136 Resp: 226667

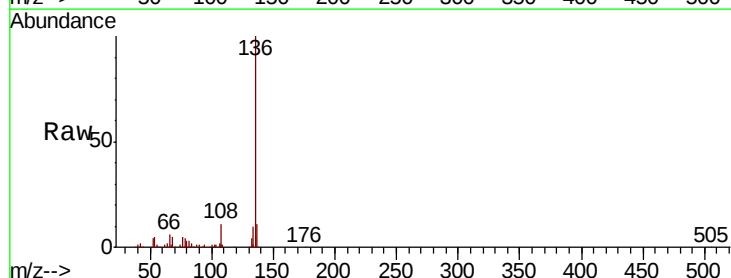
Ion Ratio Lower Upper

136 100

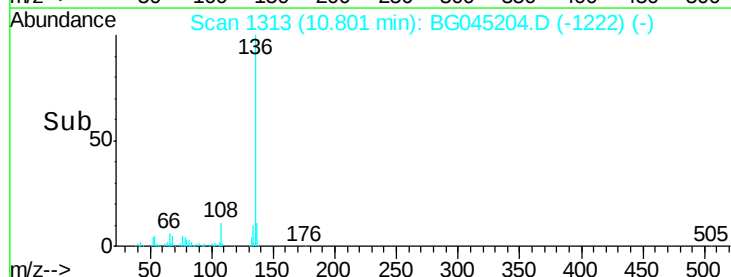
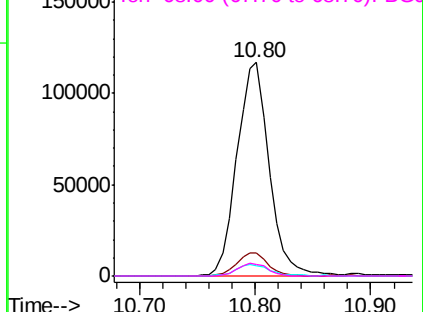
137 10.7 8.6 13.0

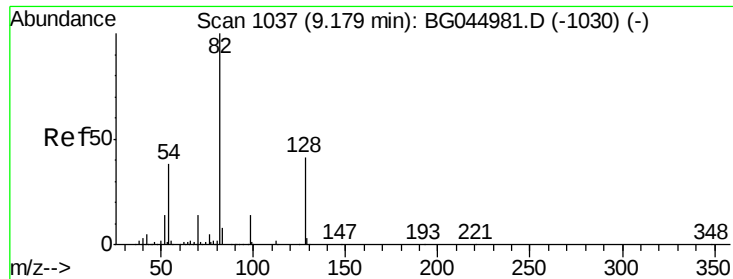
54 4.8 4.8 7.2

68 5.5 5.2 7.8



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

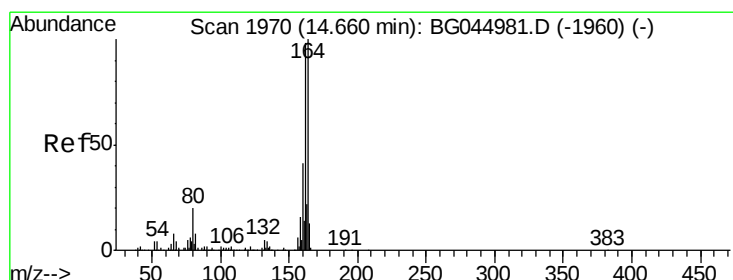
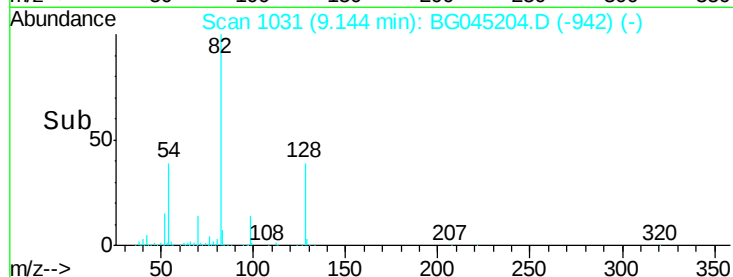
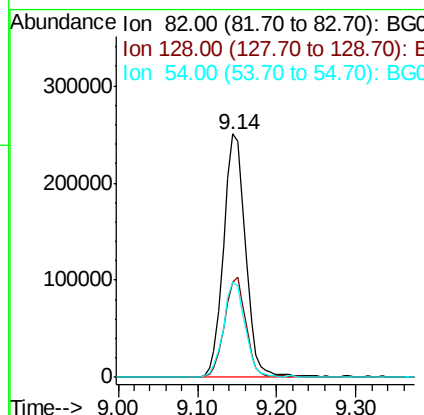
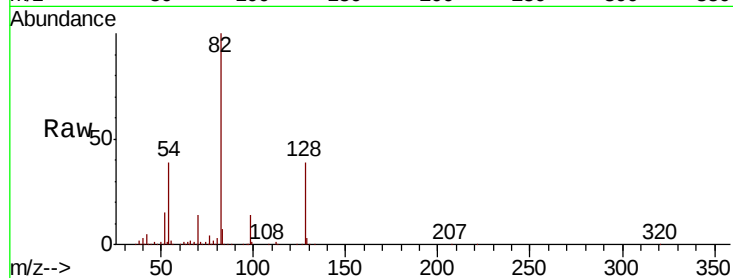




#23
 Nitrobenzene-d5
 Concen: 97.515 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045204.D
 Acq: 29 Apr 2020 14:20

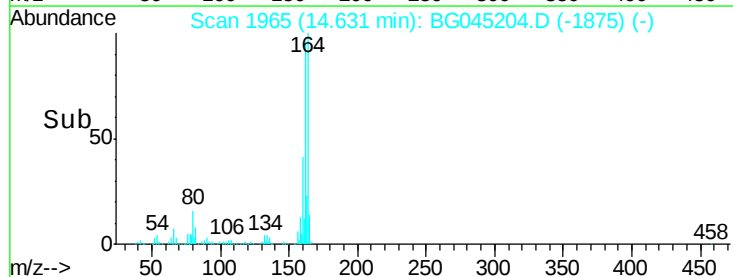
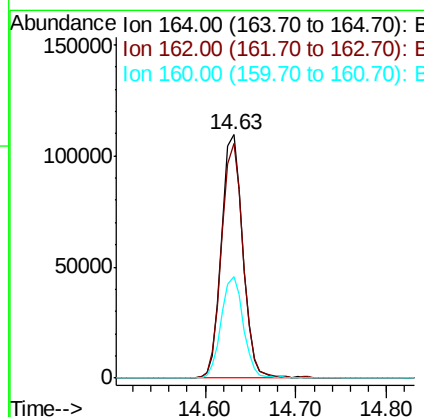
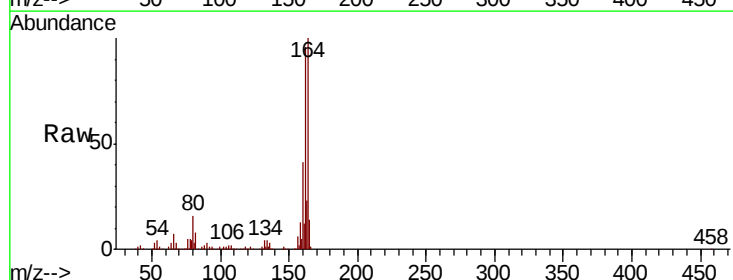
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BL

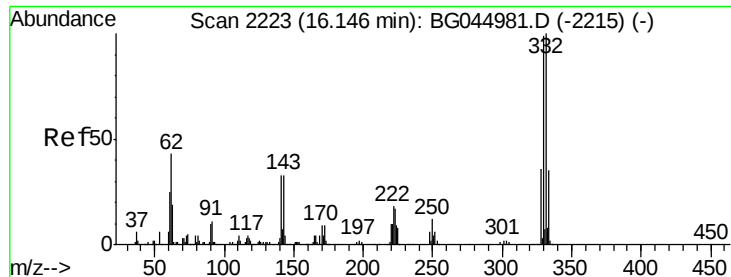
Tot Ion	82	Resp	484420
Ion Ratio	Lower	Upper	
82	100		
128	39.3	33.0	49.4
54	38.9	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG045204.D
 Acq: 29 Apr 2020 14:20

Tgt Ion	164	Resp	178074
Ion Ratio	Lower	Upper	
164	100		
162	96.3	78.7	118.1
160	41.5	32.8	49.2

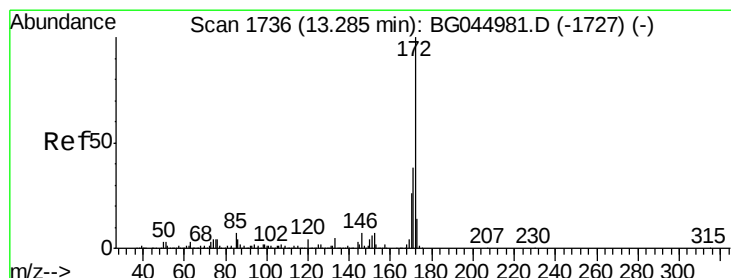
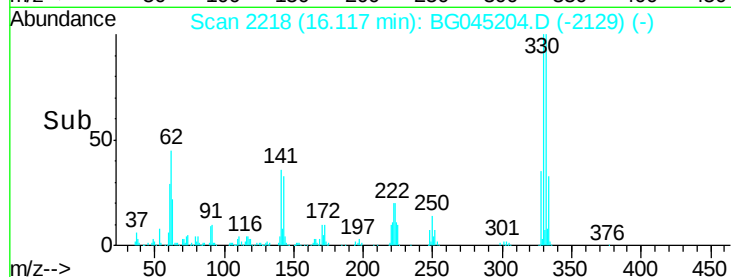
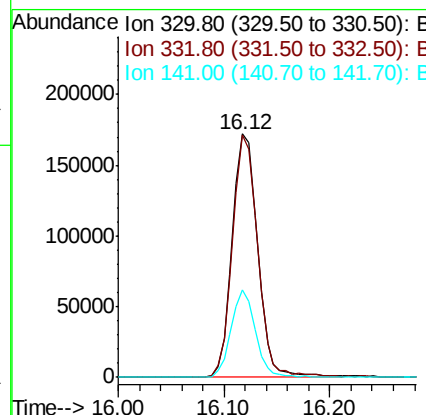
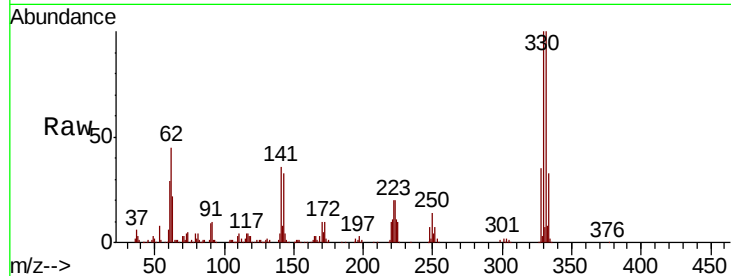




#42
 2,4,6-Tribromophenol
 Concen: 104.766 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG045204.D
 Acq: 29 Apr 2020 14:20

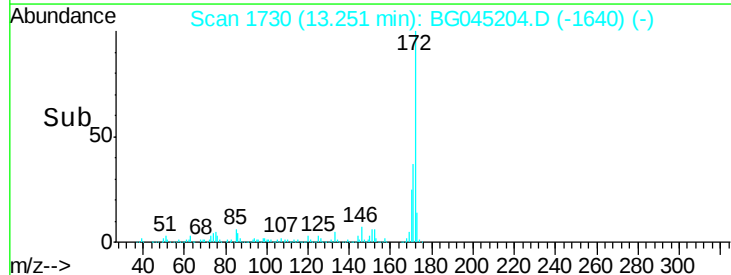
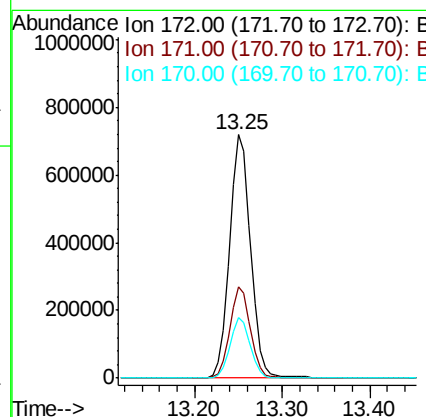
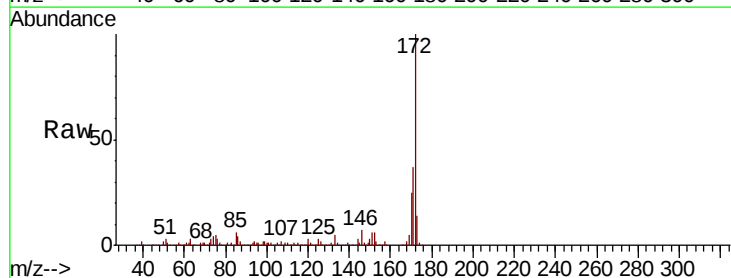
Instrument :
 BNA_G
 ClientSampleId :
 PB128538BL

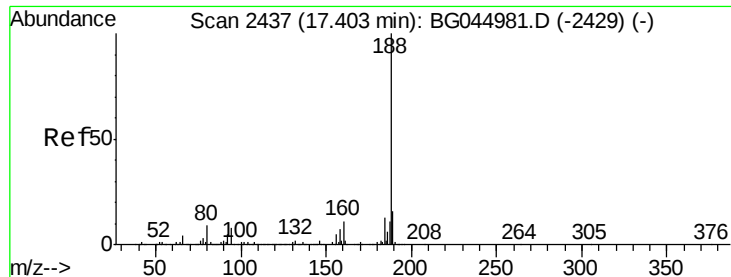
Tot Ion:	330	Resp:	288211
Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.1	118.7
141	34.2	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 97.057 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045204.D
 Acq: 29 Apr 2020 14:20

Tgt Ion:	172	Resp:	1178688
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.8	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG045204.D

Acq: 29 Apr 2020 14:20

Instrument :

BNA_G

ClientSampleId :

PB128538BL

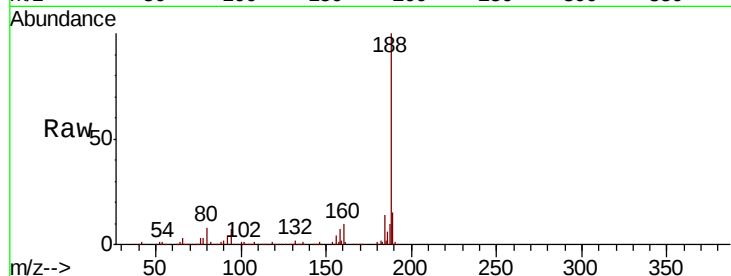
Tot Ion:188 Resp: 448566

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

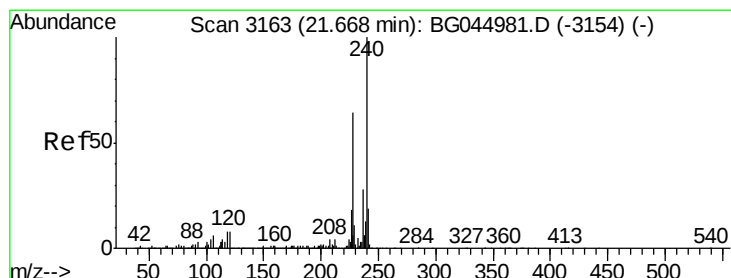
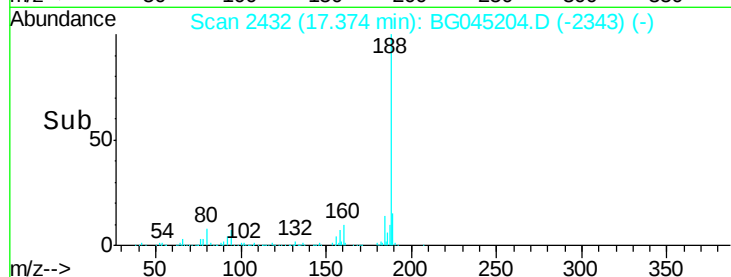
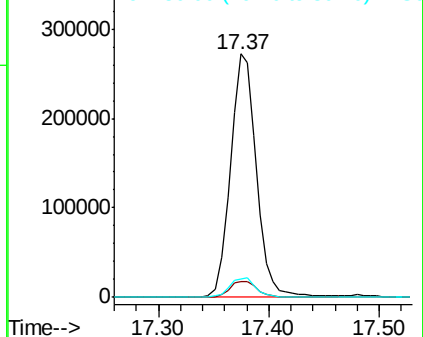
80 7.8 7.0 10.6



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: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045204.D

Acq: 29 Apr 2020 14:20

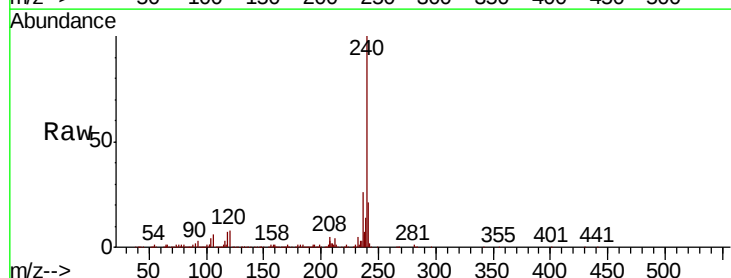
Tgt Ion:240 Resp: 449615

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

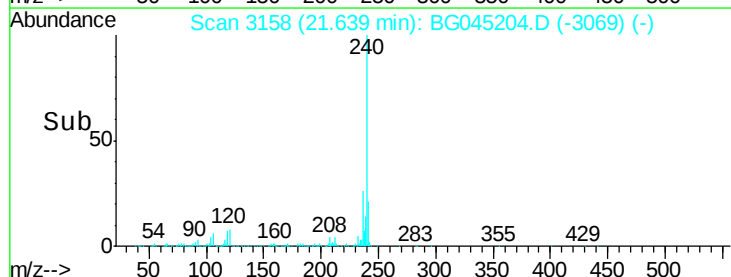
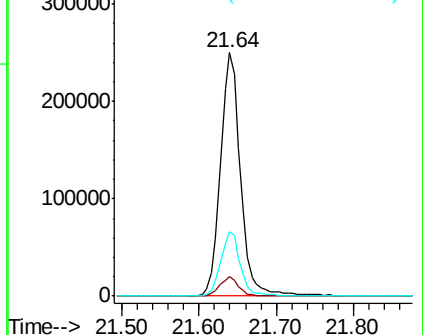
236 26.2 22.2 33.2

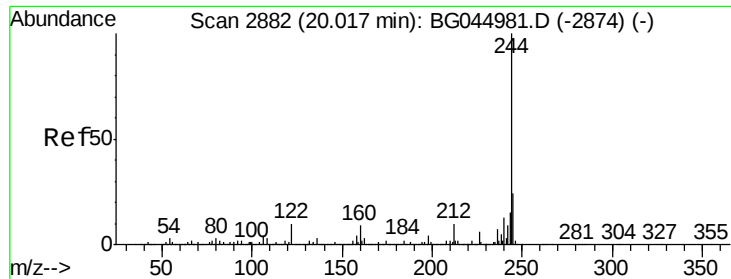


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.248 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045204.D

Acq: 29 Apr 2020 14:20

Instrument :

BNA_G

ClientSampleId :

PB128538BL

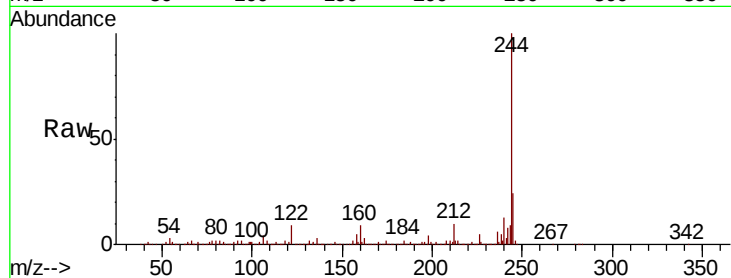
Tot Ion:244 Resp: 2191758

Ion Ratio Lower Upper

244 100

212 10.1 7.9 11.9

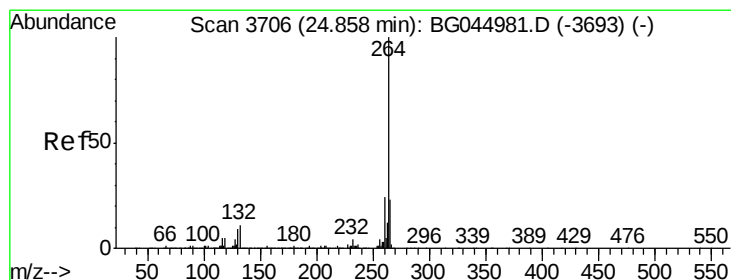
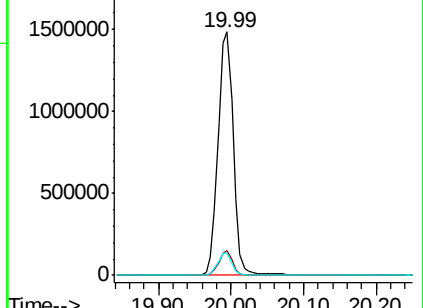
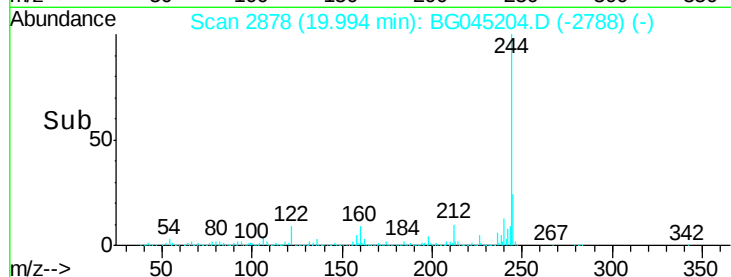
122 8.9 7.7 11.5



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: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG045204.D

Acq: 29 Apr 2020 14:20

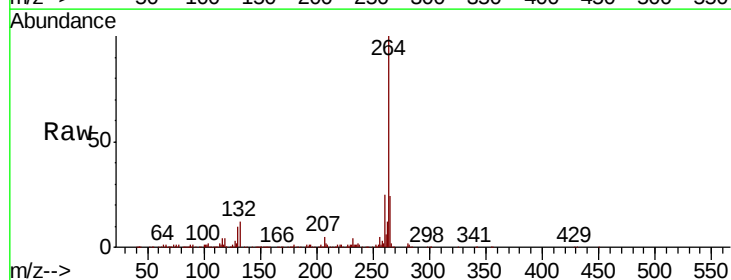
Tgt Ion:264 Resp: 462857

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 23.7 19.0 28.4



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

