

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045208.D
 Acq On : 29 Apr 2020 16:59
 Operator : CG/JU
 Sample : PB128554BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128554BL

Quant Time: Apr 29 17:39:06 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	67670	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	280283	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	218493	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	510012	20.00	ng	0.00
76) Chrysene-d12	21.64	240	487100	20.00	ng	0.00
87) Perylene-d12	24.81	264	517103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	537198	131.06	ng	0.00
7) Phenol-d6	7.16	99	792514	130.14	ng	0.00
23) Nitrobenzene-d5	9.15	82	567994	92.47	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	448237	132.79	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1376479	92.38	ng	0.00
79) Terphenyl-d14	19.99	244	2214012	99.07	ng	0.00

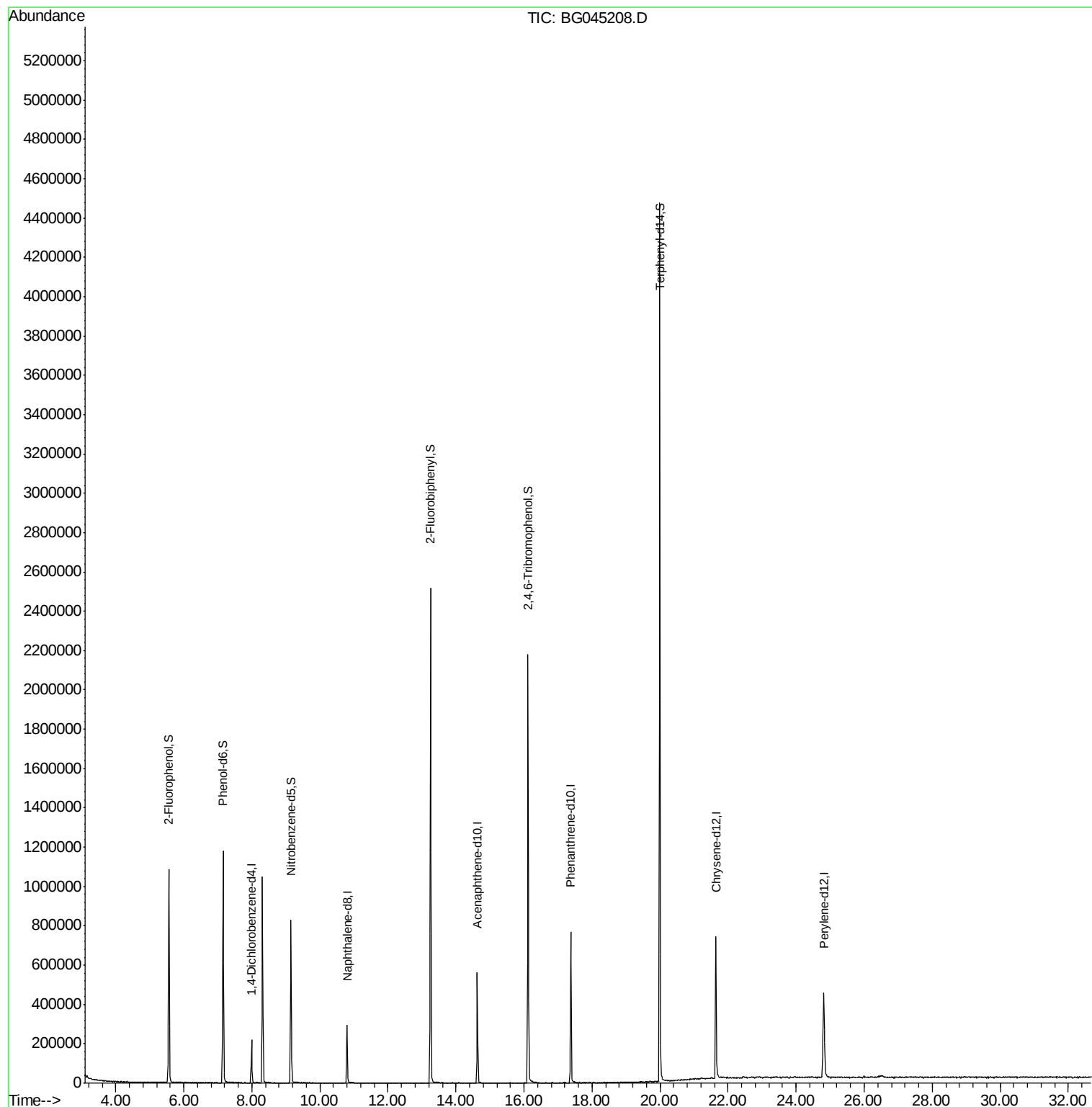
Target Compounds Qvalue

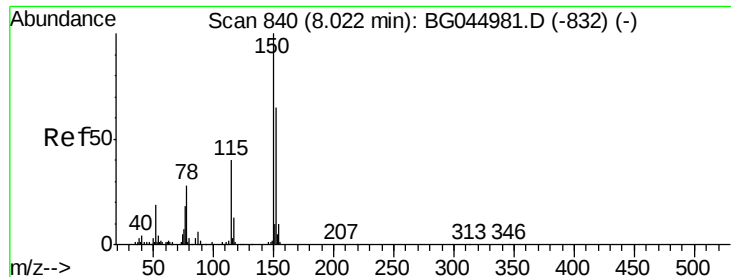
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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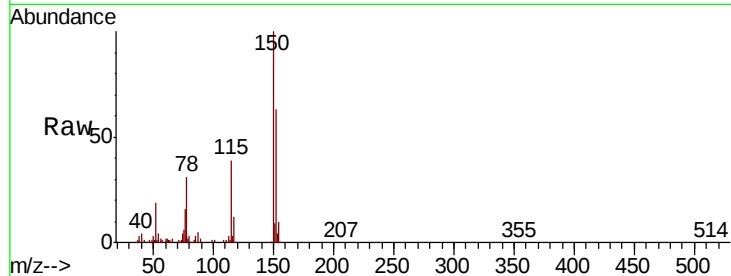


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045208.D
 Acq: 29 Apr 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 PB128554BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.6	185.4
115	61.5	49.1	73.7

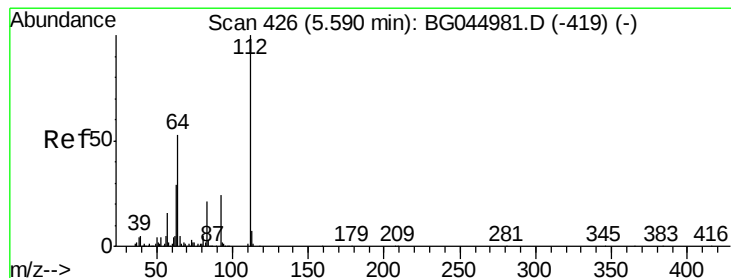
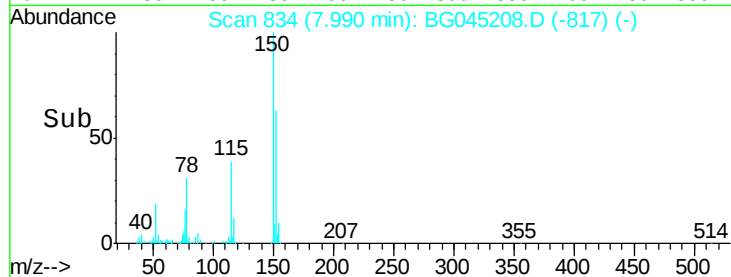
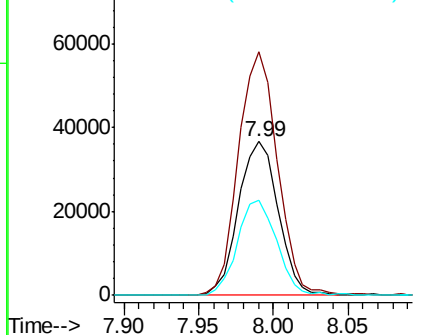


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

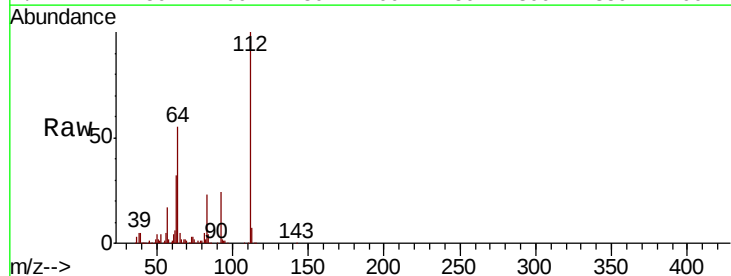
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 131.060 ng
 RT: 5.56 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BG045208.D
 Acq: 29 Apr 2020 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.4	63.6
63	32.3	23.1	34.7

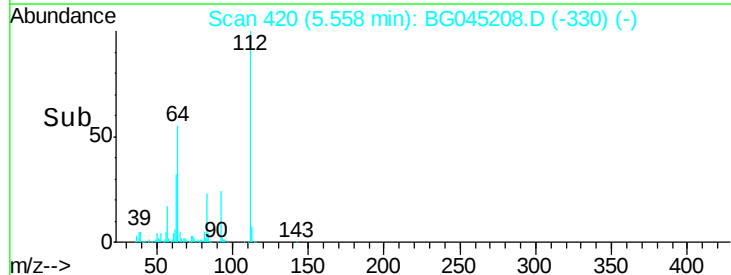
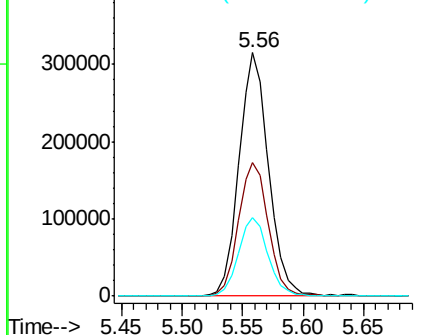


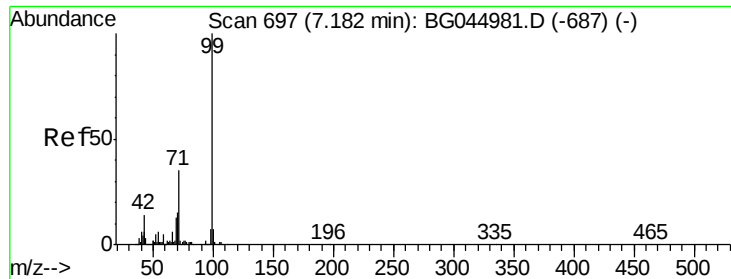
Abundance

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: 130.136 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045208.D

Acq: 29 Apr 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB128554BL

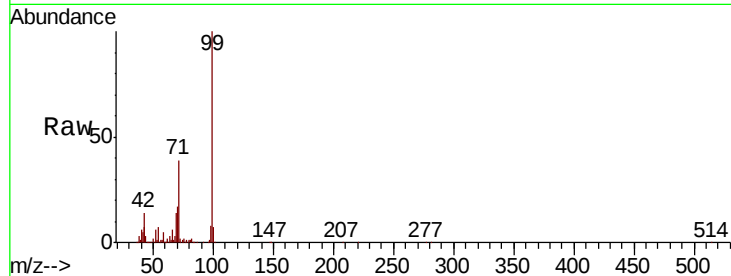
Tot Ion: 99 Resp: 792514

Ion Ratio Lower Upper

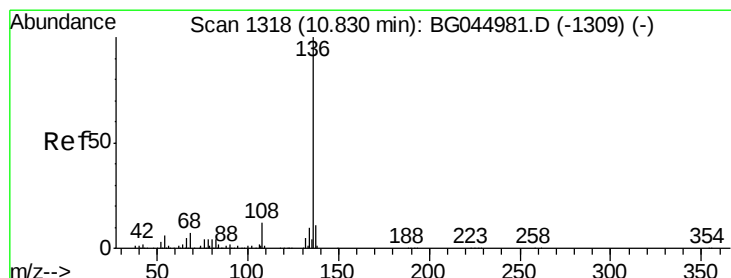
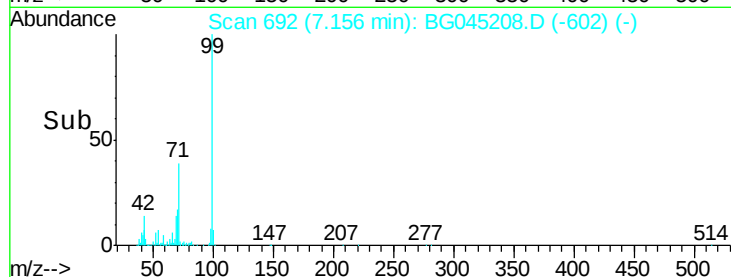
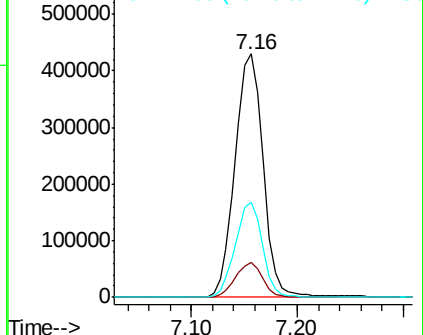
99 100

42 14.2 11.3 16.9

71 39.1 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# 1312

Delta R.T. 0.00 min

Lab File: BG045208.D

Acq: 29 Apr 2020 16:59

Tgt Ion: 136 Resp: 280283

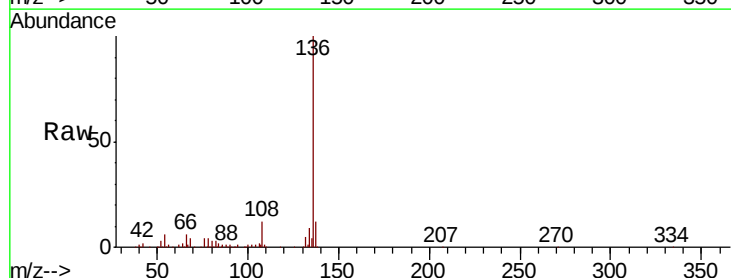
Ion Ratio Lower Upper

136 100

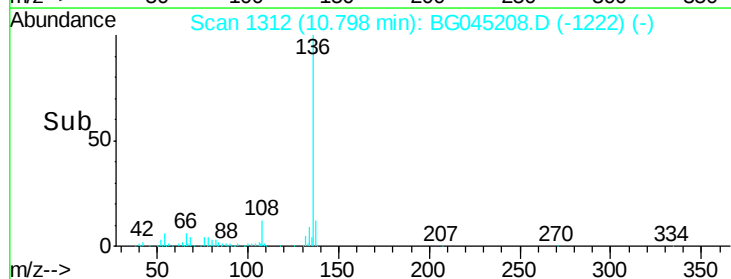
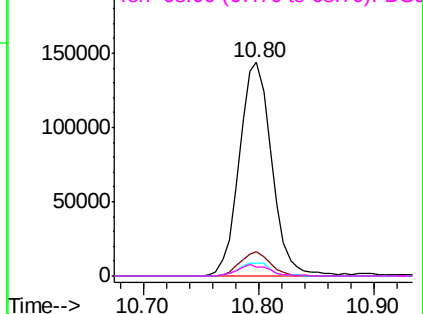
137 11.5 8.6 13.0

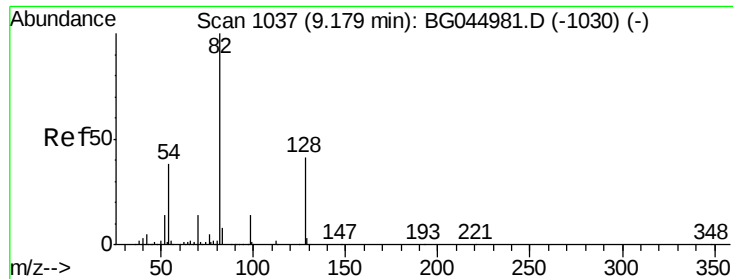
54 6.2 4.8 7.2

68 4.3 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

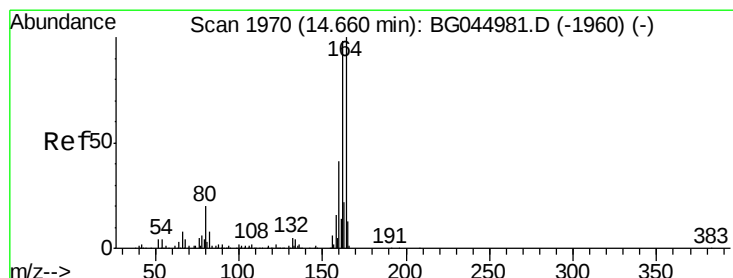
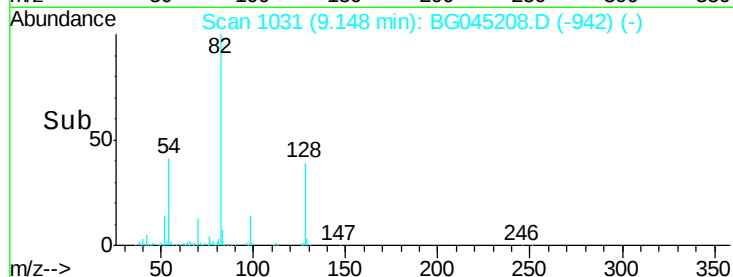
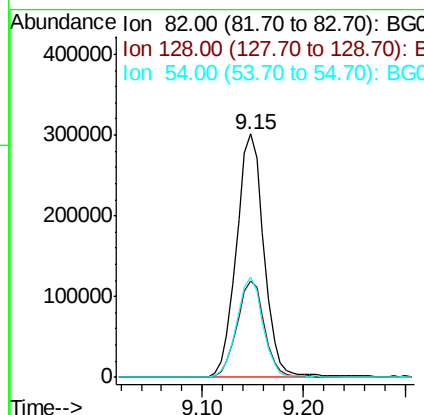
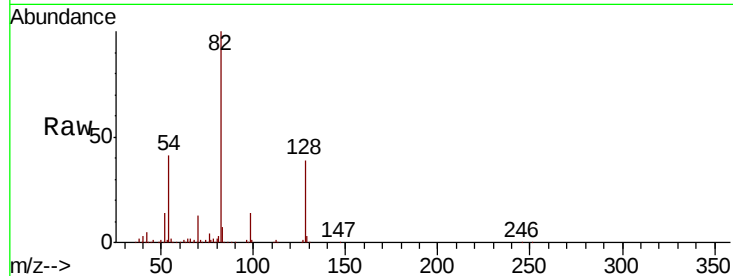




#23
Nitrobenzene-d5
Concen: 92.467 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045208.D
Acq: 29 Apr 2020 16:59

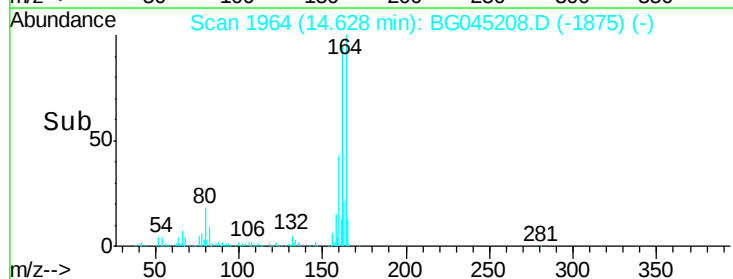
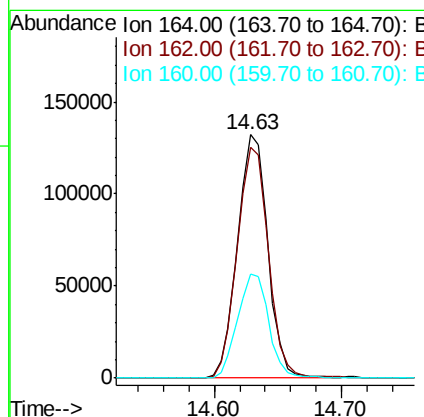
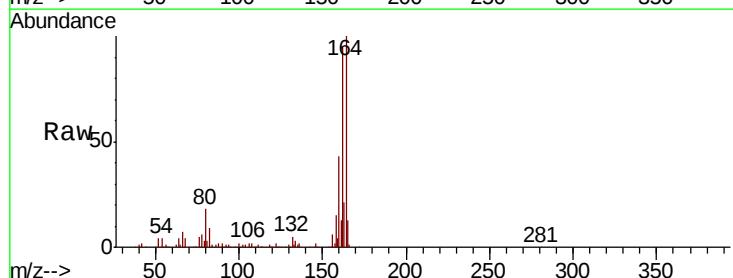
Instrument :
BNA_G
ClientSampleId :
PB128554BL

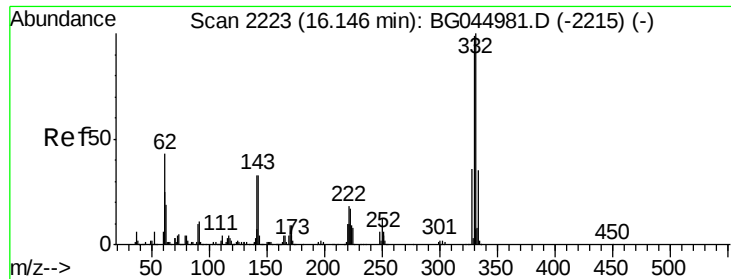
Tot Ion	82	Resp	567994
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	41.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045208.D
Acq: 29 Apr 2020 16:59

Tgt Ion	164	Resp	218493
Ion	Ratio	Lower	Upper
164	100		
162	94.8	78.7	118.1
160	42.7	32.8	49.2

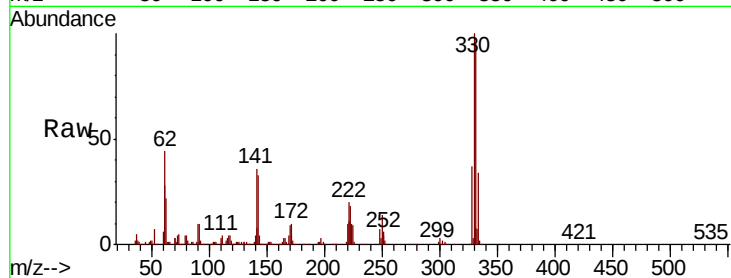




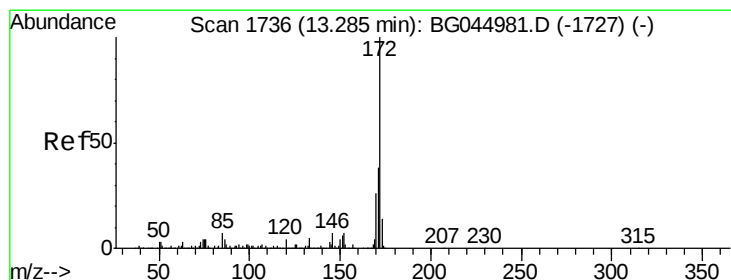
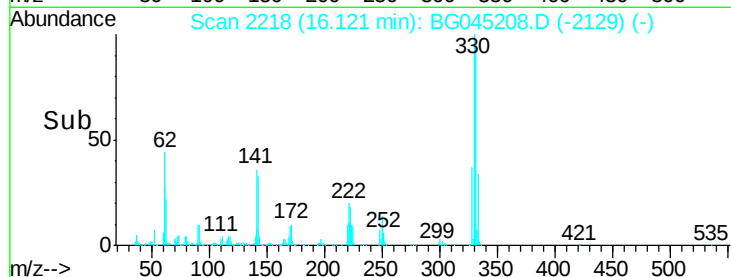
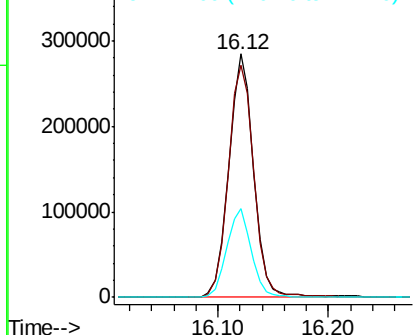
#42
 2,4,6-Tribromophenol
 Concen: 132.794 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045208.D
 Acq: 29 Apr 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 PB128554BL

Tot Ion:330 Resp: 448237
 Ion Ratio Lower Upper
 330 100
 332 98.6 79.1 118.7
 141 35.9 27.1 40.7

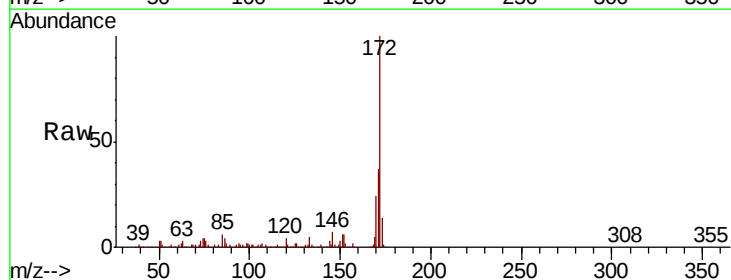


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

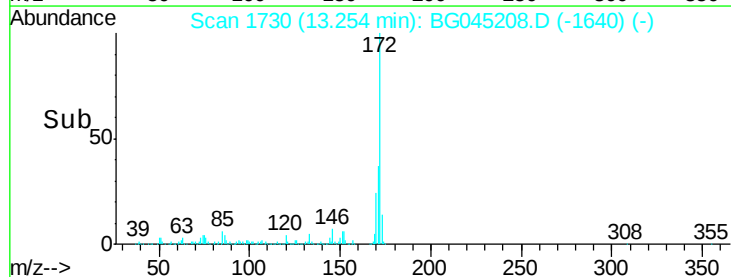
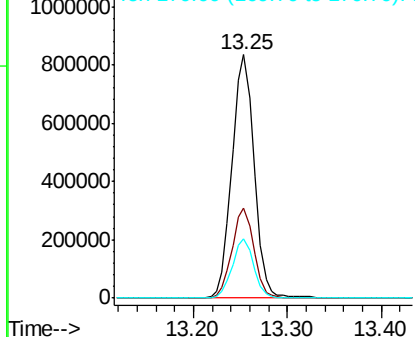


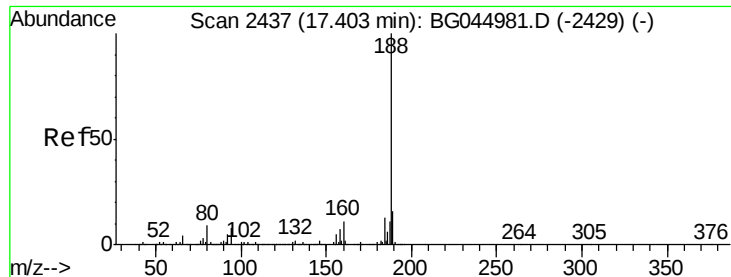
#45
 2-Fluorobiphenyl
 Concen: 92.376 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG045208.D
 Acq: 29 Apr 2020 16:59

Tgt Ion:172 Resp: 1376479
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 24.4 20.5 30.7



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: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045208.D

Acq: 29 Apr 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB128554BL

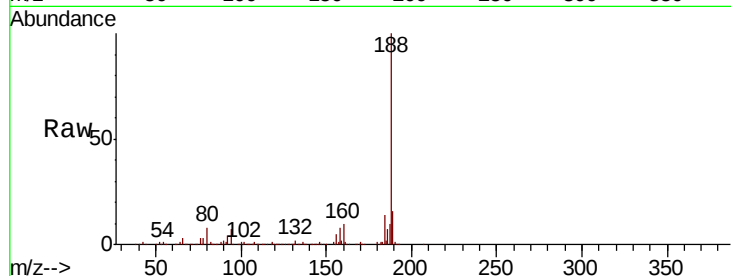
Tot Ion:188 Resp: 510012

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

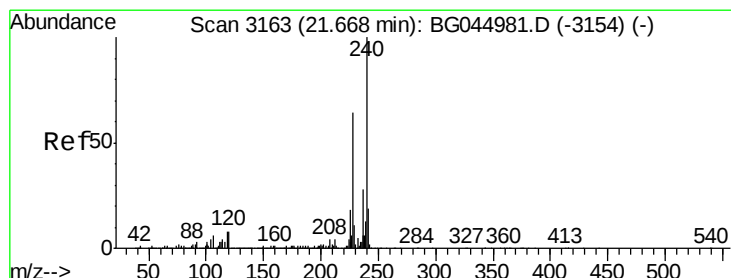
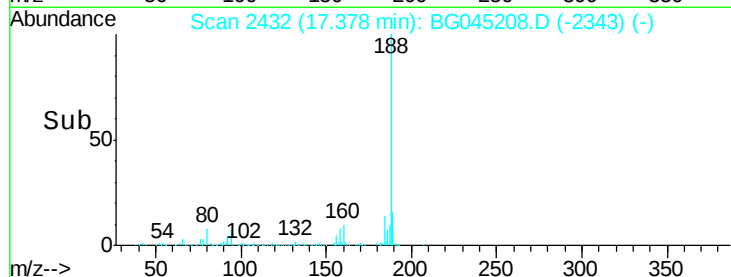
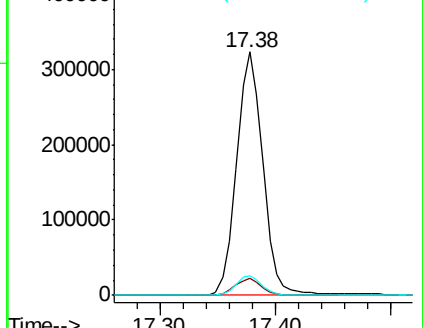
80 8.0 7.0 10.6



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. -0.00 min

Lab File: BG045208.D

Acq: 29 Apr 2020 16:59

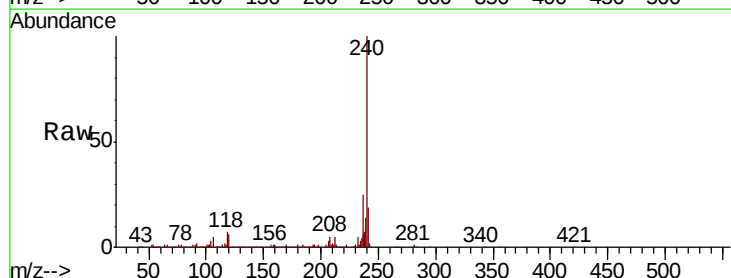
Tgt Ion:240 Resp: 487100

Ion Ratio Lower Upper

240 100

120 6.3 6.6 10.0#

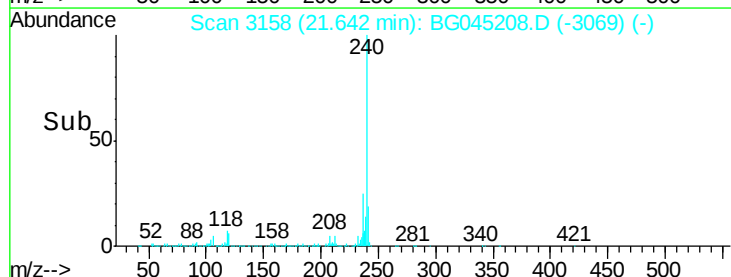
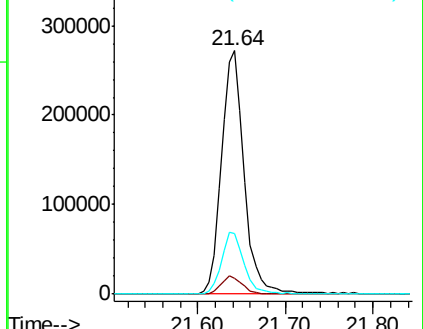
236 24.7 22.2 33.2

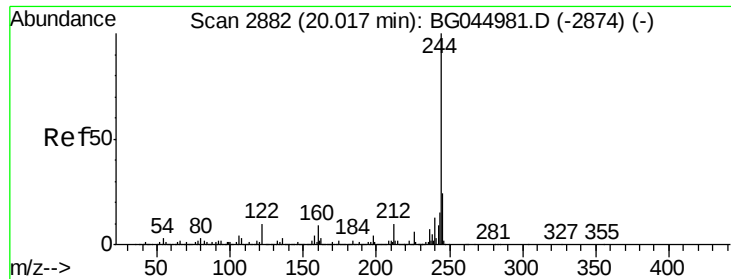


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.068 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045208.D

Acq: 29 Apr 2020 16:59

Instrument :

BNA_G

ClientSampleId :

PB128554BL

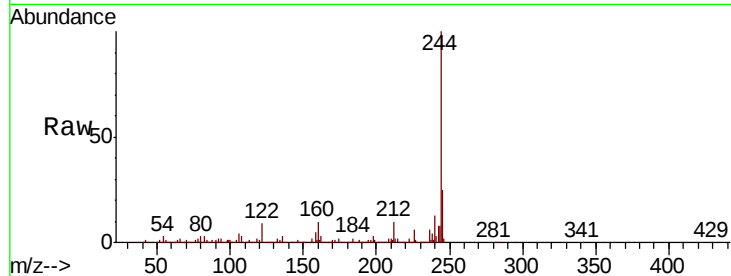
Tot Ion:244 Resp: 2214012

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

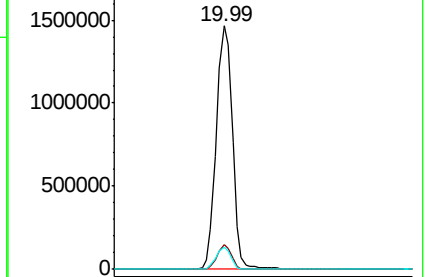
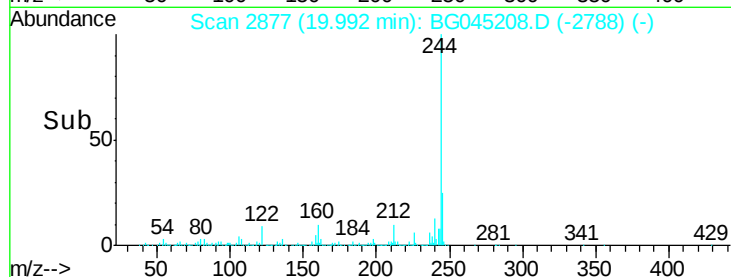
122 9.2 7.7 11.5



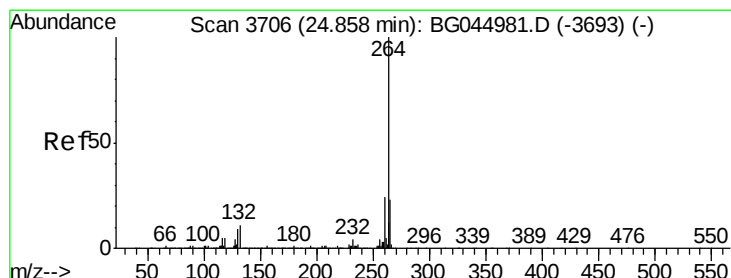
Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG045208.D

Acq: 29 Apr 2020 16:59

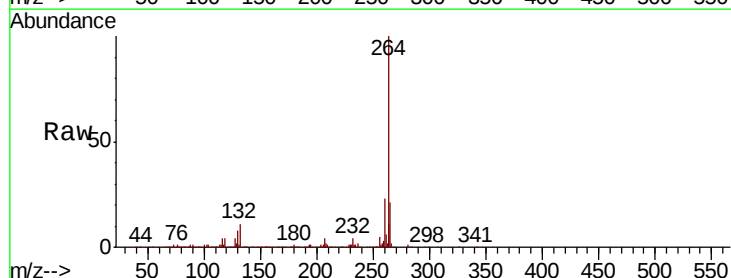
Tgt Ion:264 Resp: 517103

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

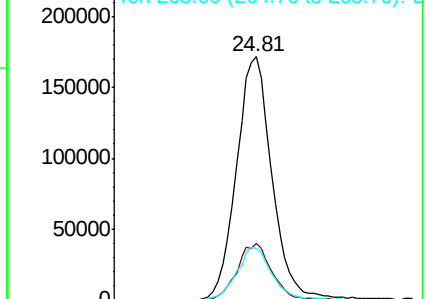
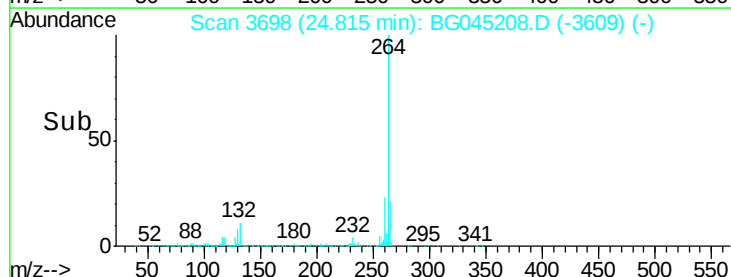
265 21.1 19.0 28.4



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



Time-->