

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045268.D
 Acq On : 7 May 2020 14:03
 Operator : CG/JU
 Sample : PB128711TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128711TB

Quant Time: May 07 14:47:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	53081	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	210205	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	158513	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	396631	20.00	ng	0.00
76) Chrysene-d12	21.64	240	392012	20.00	ng	0.00
87) Perylene-d12	24.81	264	411430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	449584	139.83	ng	0.00
7) Phenol-d6	7.15	99	642472	134.49	ng	0.00
23) Nitrobenzene-d5	9.14	82	460640	99.99	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	373645	152.58	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1102951	102.03	ng	0.00
79) Terphenyl-d14	19.99	244	2031545	112.95	ng	0.00

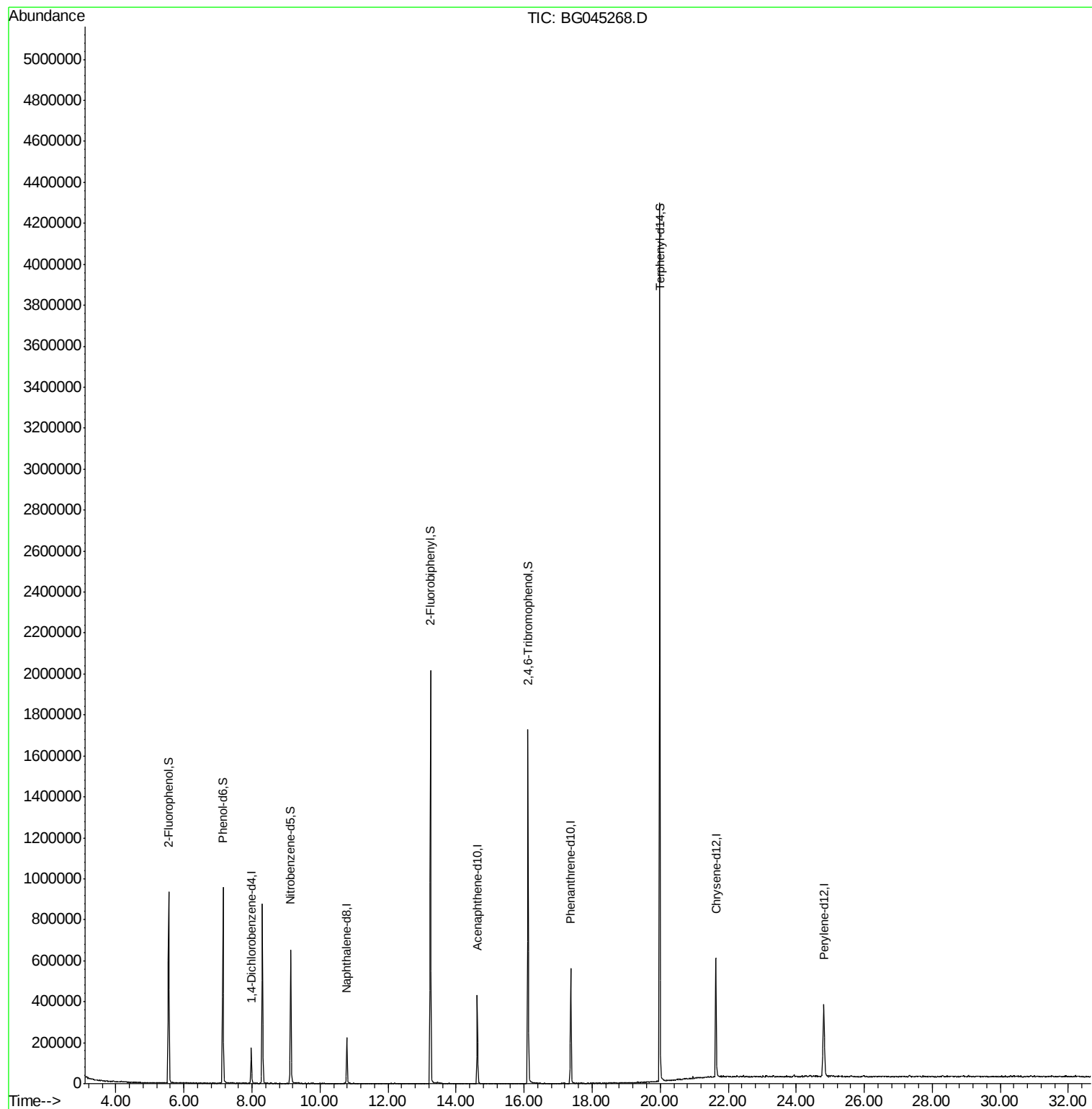
Target Compounds Qvalue

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

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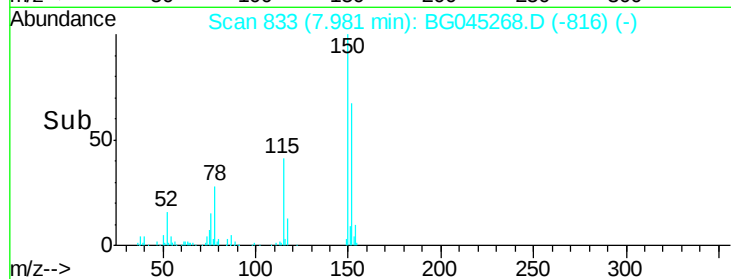
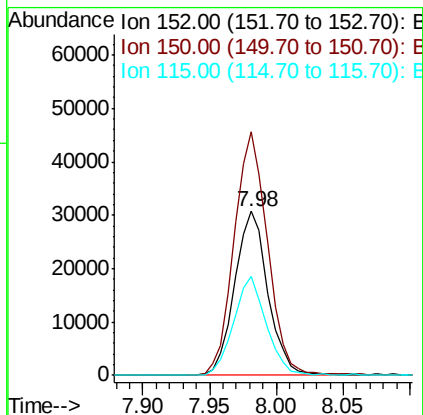
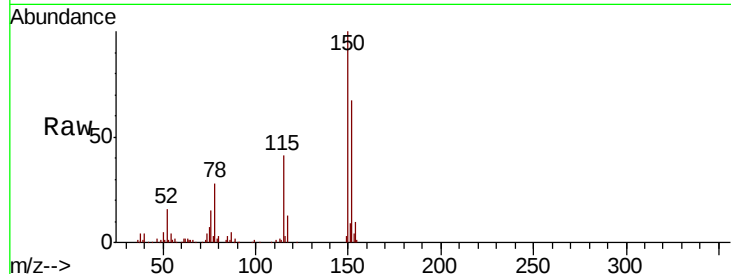


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Instrument :
BNA_G
ClientSampleId :
PB128711TB

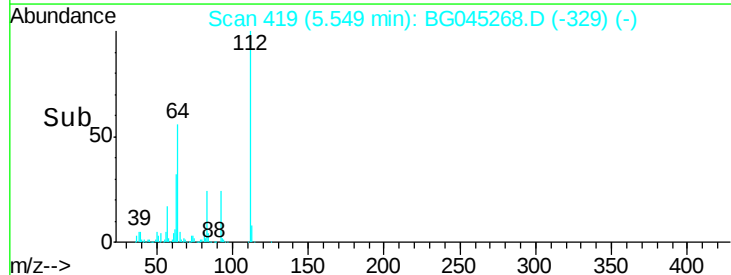
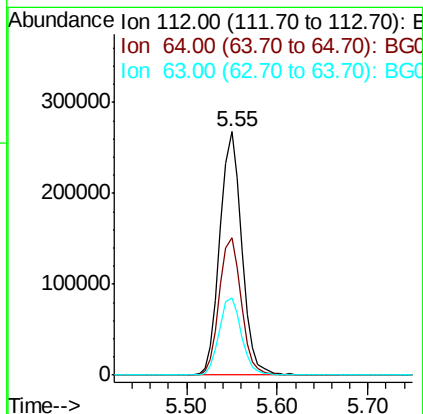
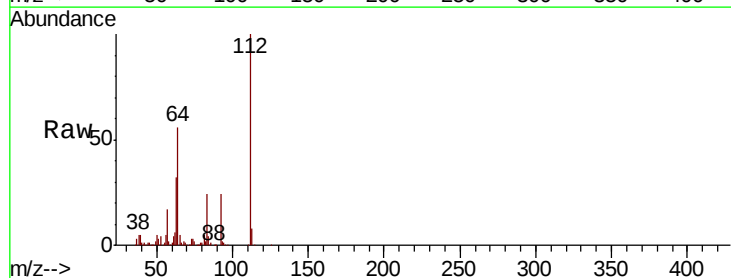
Tot Ion:152 Resp: 53081
Ion Ratio Lower Upper
152 100
150 148.5 123.6 185.4
115 60.4 49.1 73.7

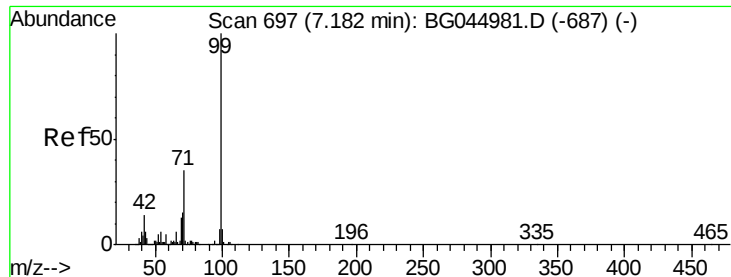


#5

2-Fluorophenol
Concen: 139.831 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion:112 Resp: 449584
Ion Ratio Lower Upper
112 100
64 56.2 42.4 63.6
63 31.5 23.1 34.7





#7

Phenol-d6

Concen: 134.494 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045268.D

Acq: 7 May 2020 14:03

Instrument :

BNA_G

ClientSampleId :

PB128711TB

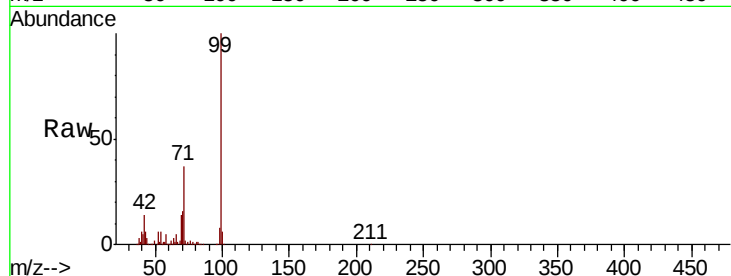
Tot Ion: 99 Resp: 642472

Ion Ratio Lower Upper

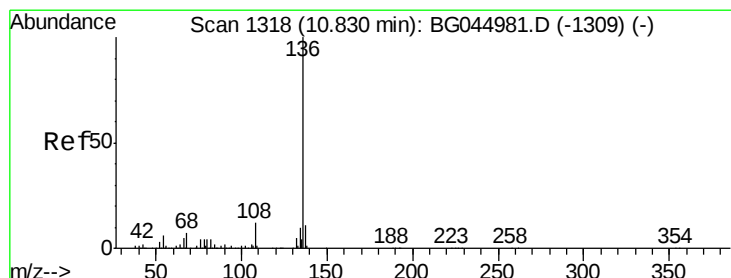
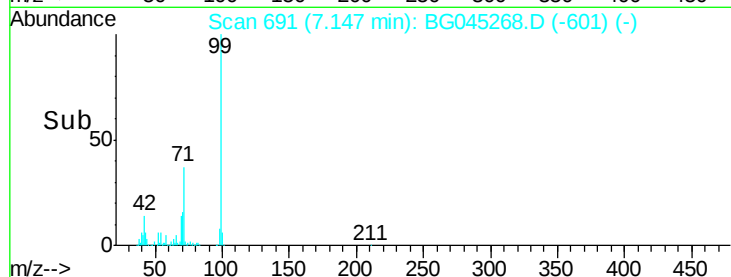
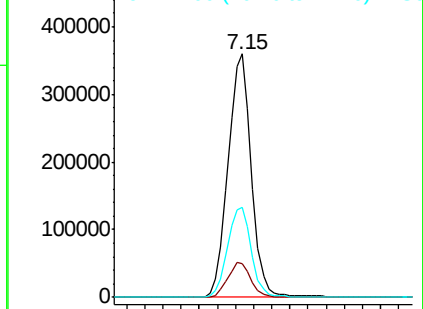
99 100

42 13.7 11.3 16.9

71 36.9 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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045268.D

Acq: 7 May 2020 14:03

Tgt Ion: 136 Resp: 210205

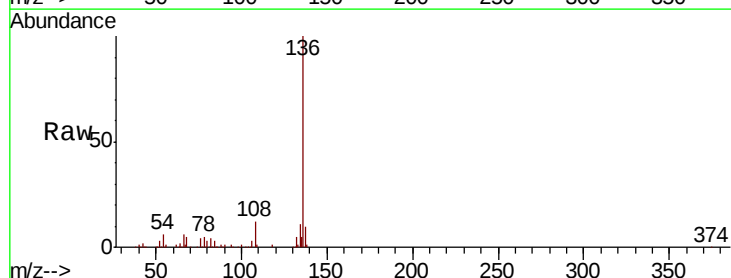
Ion Ratio Lower Upper

136 100

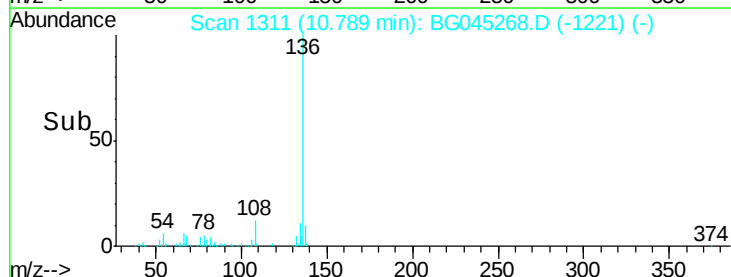
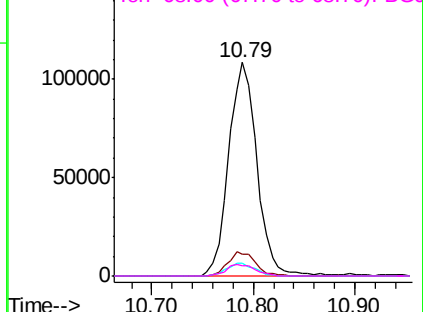
137 10.4 8.6 13.0

54 6.2 4.8 7.2

68 4.9 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

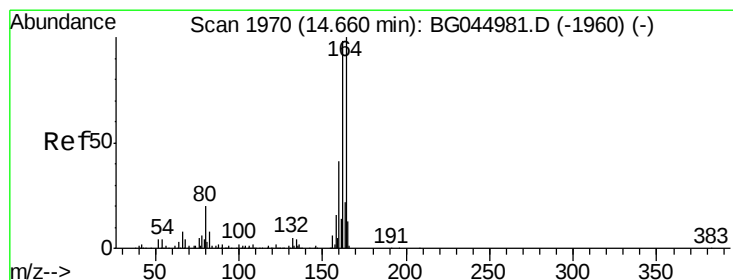
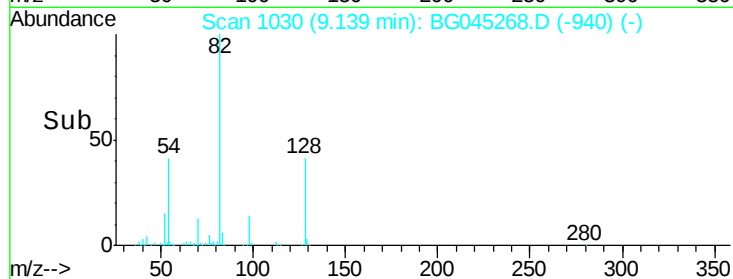
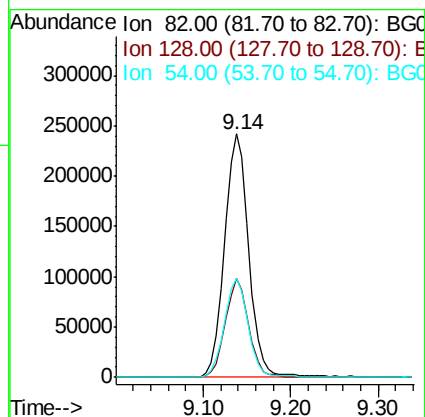
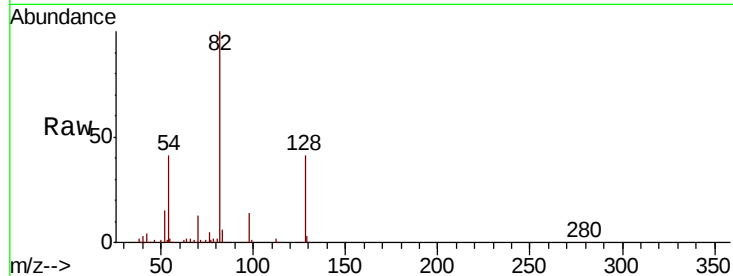




#23
Nitrobenzene-d5
Concen: 99.990 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045268.D
Acq: 7 May 2020 14:03

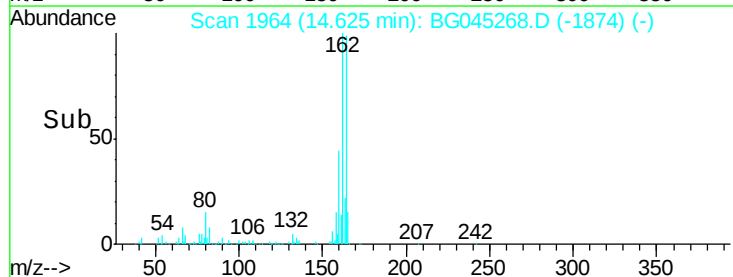
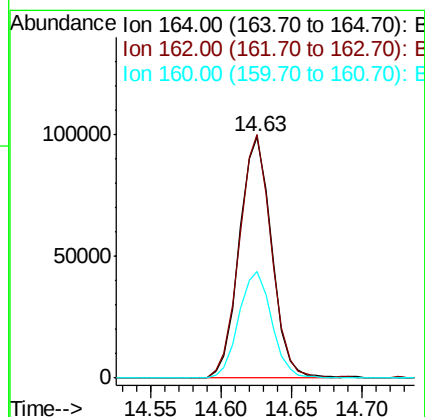
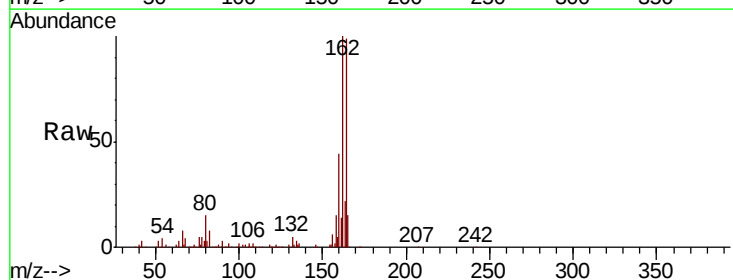
Instrument :
BNA_G
ClientSampleId :
PB128711TB

Tot Ion: 82 Resp: 460640
Ion Ratio Lower Upper
82 100
128 40.5 33.0 49.4
54 40.7 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: BG045268.D
Acq: 7 May 2020 14:03

Tgt Ion: 164 Resp: 158513
Ion Ratio Lower Upper
164 100
162 100.9 78.7 118.1
160 44.0 32.8 49.2

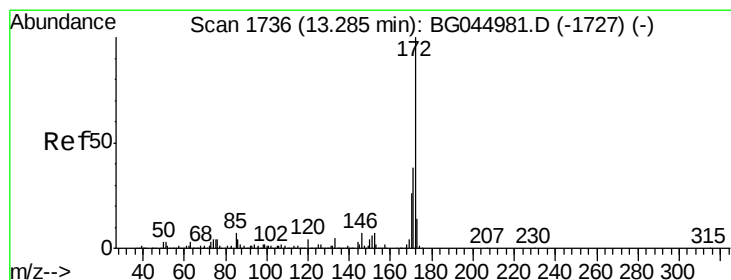
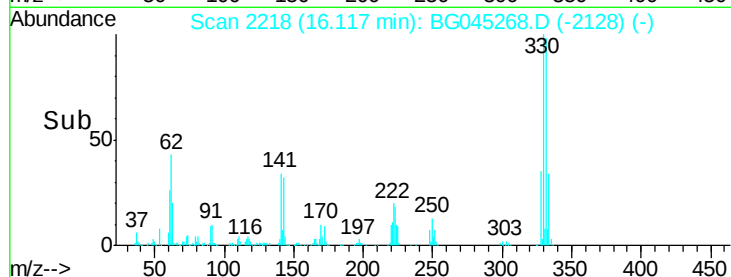
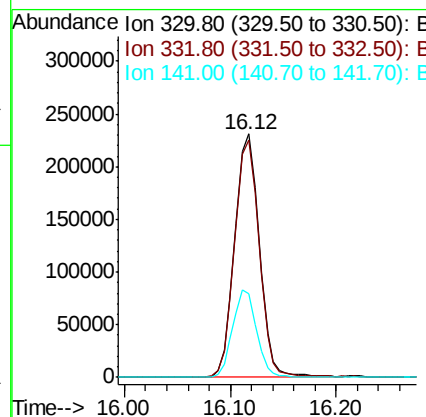
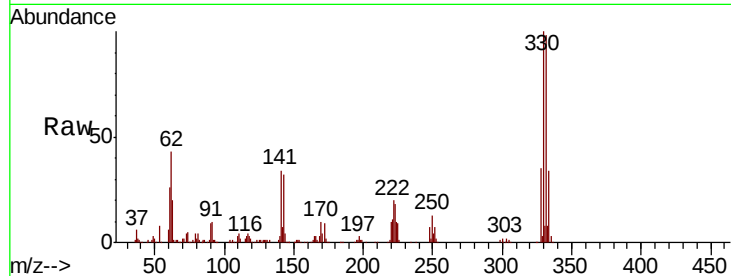




#42
 2,4,6-Tribromophenol
 Concen: 152.582 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045268.D
 Acq: 7 May 2020 14:03

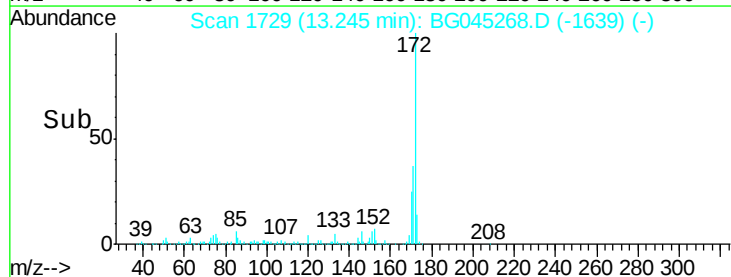
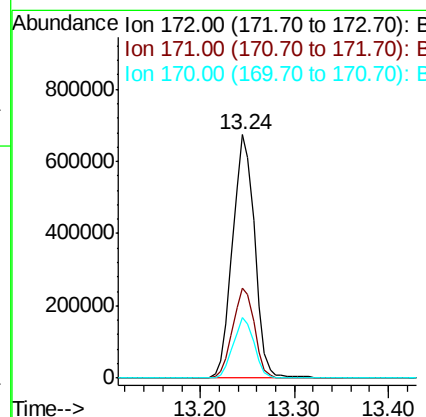
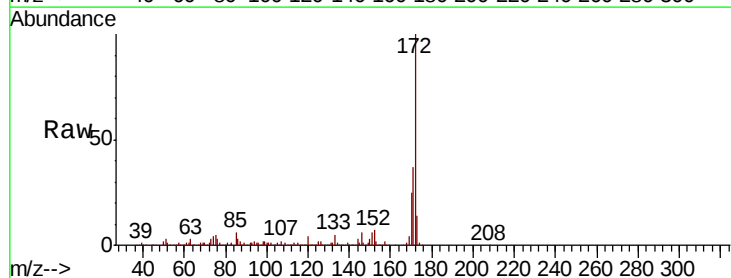
Instrument :
 BNA_G
 ClientSampleId :
 PB128711TB

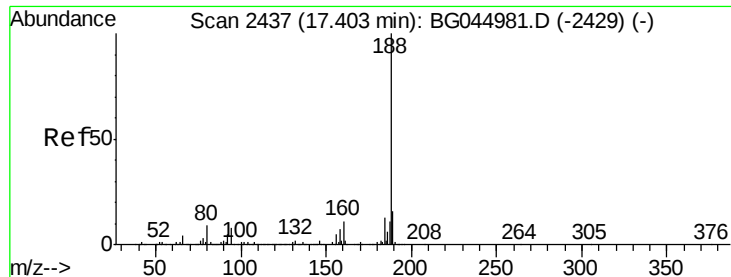
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	35.5	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 102.028 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045268.D
 Acq: 7 May 2020 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	24.7	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045268.D

Acq: 7 May 2020 14:03

Instrument :

BNA_G

ClientSampleId :

PB128711TB

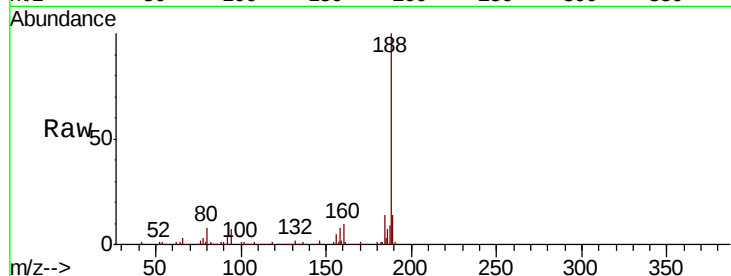
Tot Ion:188 Resp: 396631

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

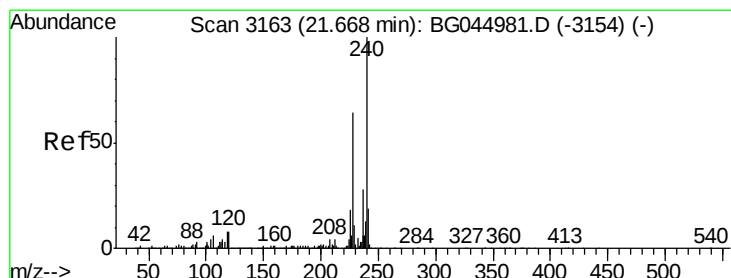
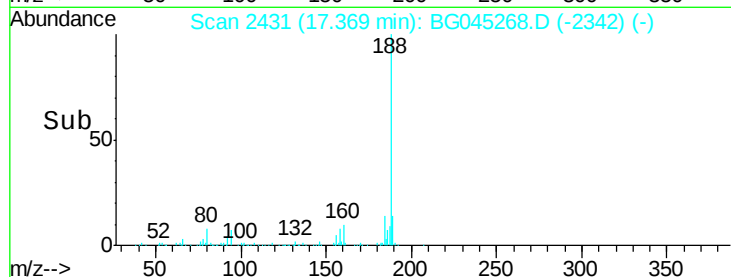
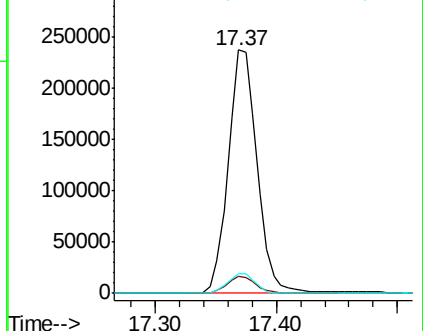
80 8.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045268.D

Acq: 7 May 2020 14:03

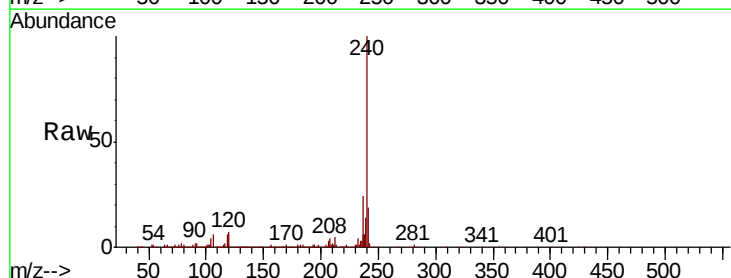
Tgt Ion:240 Resp: 392012

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

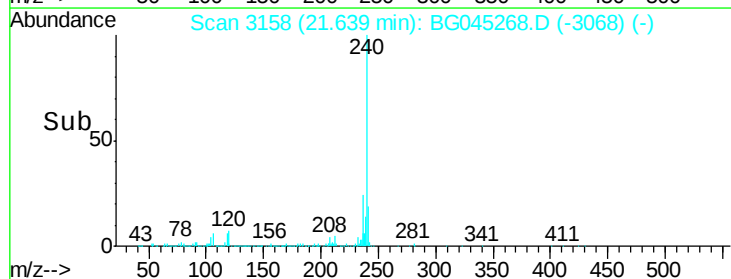
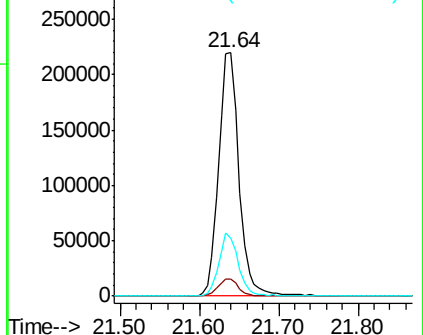
236 23.6 22.2 33.2

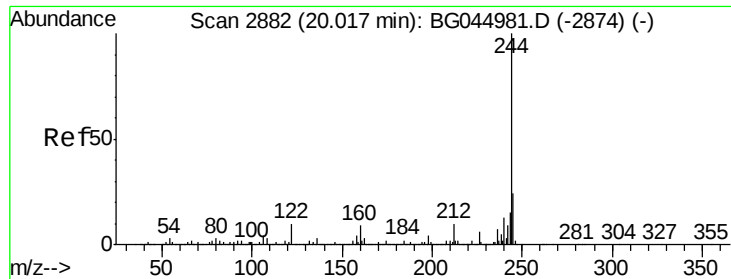


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.953 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045268.D

Acq: 7 May 2020 14:03

Instrument :

BNA_G

ClientSampleId :

PB128711TB

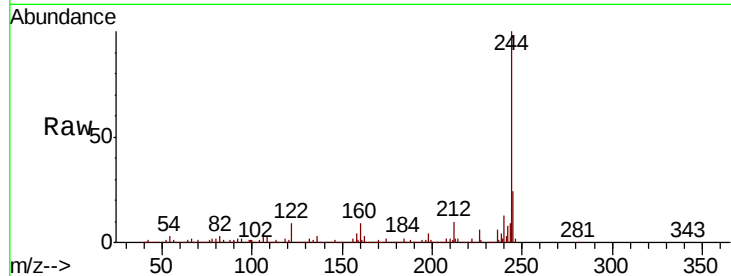
Tot Ion:244 Resp: 2031545

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

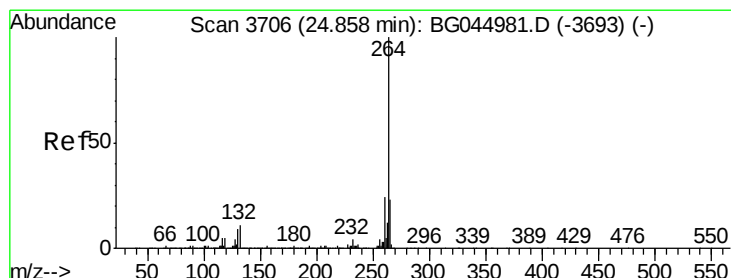
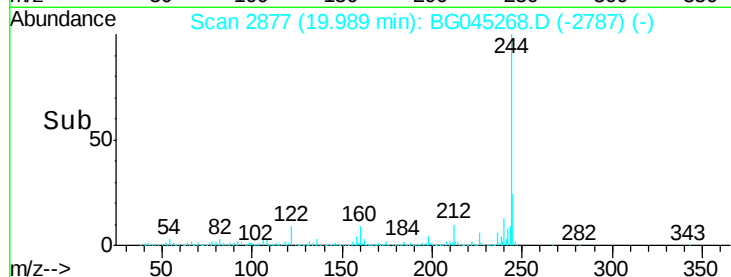
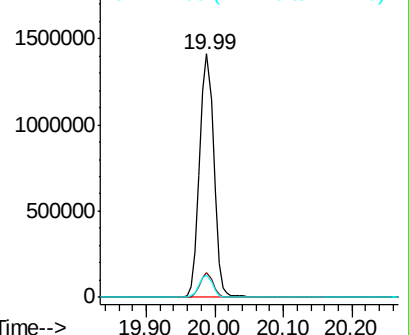
122 9.0 7.7 11.5



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. -0.00 min

Lab File: BG045268.D

Acq: 7 May 2020 14:03

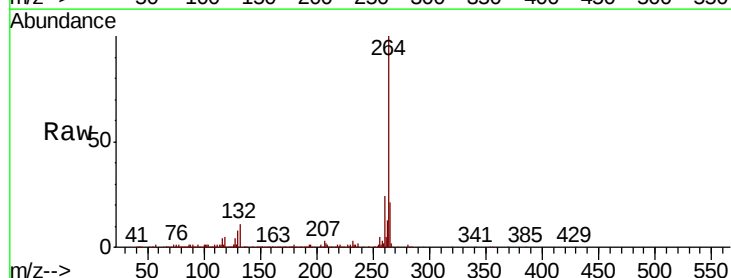
Tgt Ion:264 Resp: 411430

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 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

