

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045044.D
 Acq On : 17 Apr 2020 23:47
 Operator : CG/JU
 Sample : PB128315BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128315BL

Quant Time: Apr 18 02:47:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60373	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	258060	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	204287	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	506278	20.00	ng	0.00
76) Chrysene-d12	21.66	240	494222	20.00	ng	0.00
87) Perylene-d12	24.85	264	514582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	461119	126.10	ng	0.00
7) Phenol-d6	7.18	99	709711	130.62	ng	0.00
23) Nitrobenzene-d5	9.18	82	533219	94.28	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	466198	147.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1346435	96.64	ng	0.00
79) Terphenyl-d14	20.01	244	2357656	103.97	ng	0.00

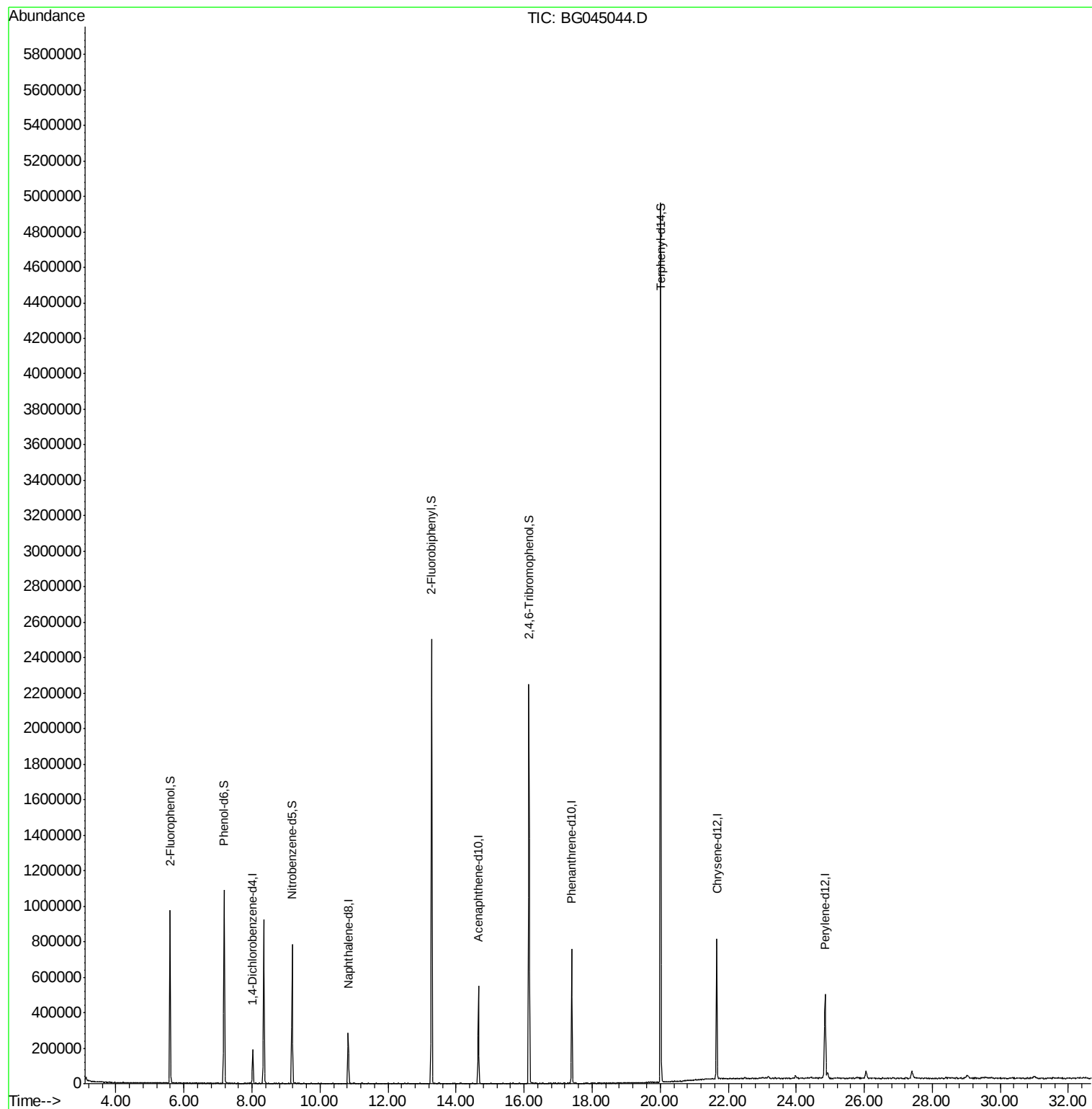
Target Compounds Qvalue

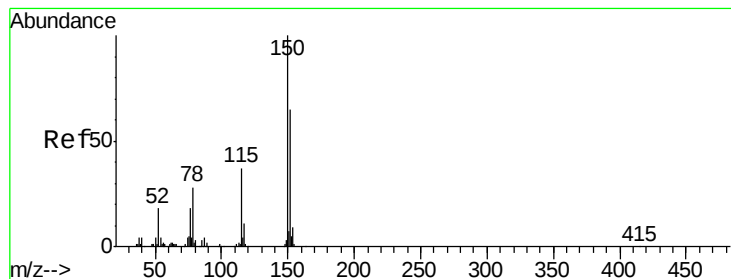
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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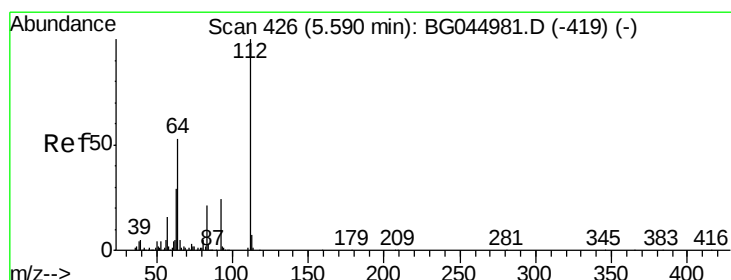
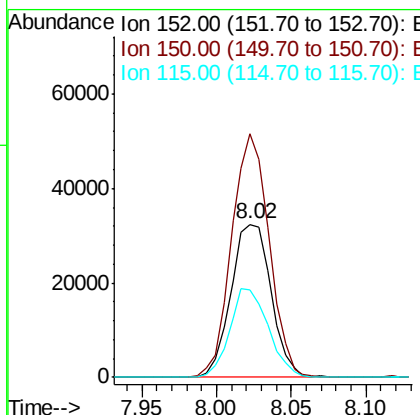
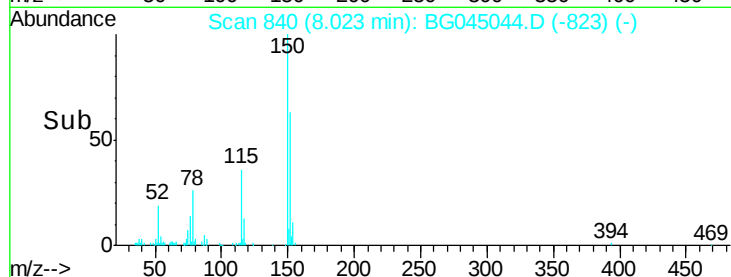
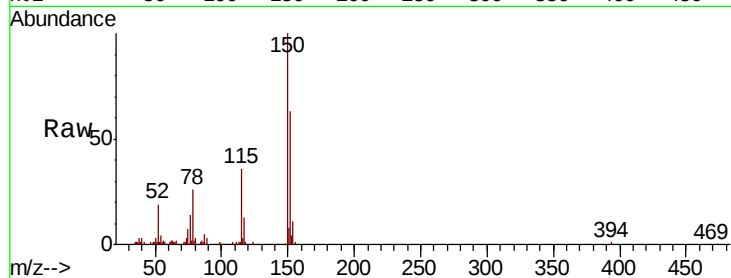




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045044.D
 Acq: 17 Apr 2020 23:47

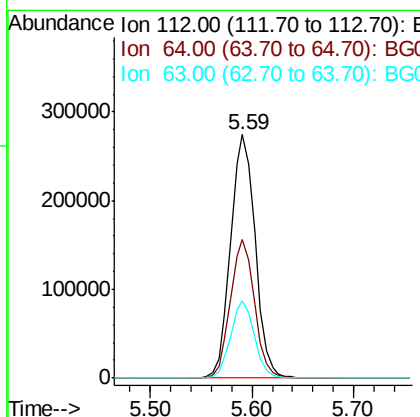
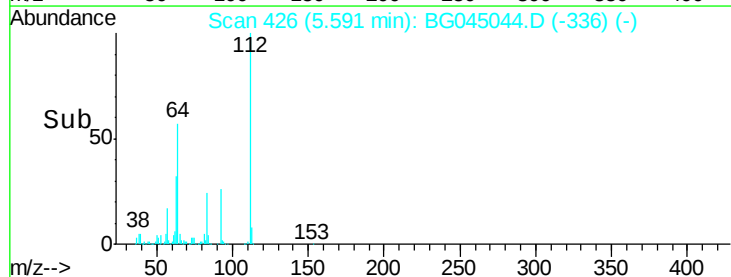
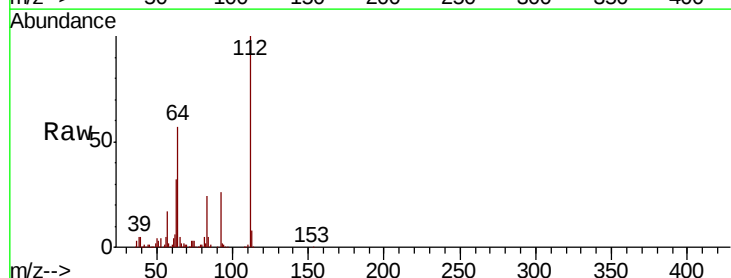
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BL

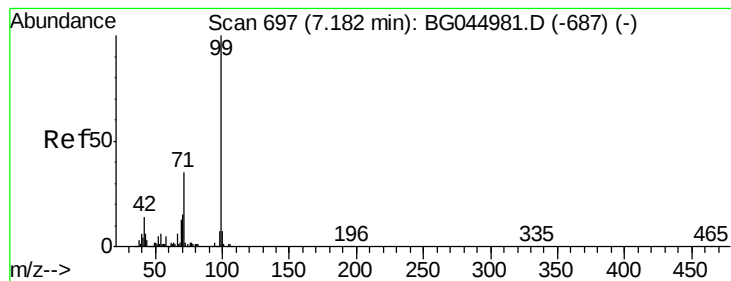
Tot Ion:152 Resp: 60373
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.6 185.4
 115 57.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 126.097 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045044.D
 Acq: 17 Apr 2020 23:47

Tgt Ion:112 Resp: 461119
 Ion Ratio Lower Upper
 112 100
 64 57.1 42.4 63.6
 63 31.6 23.1 34.7





#7

Phenol-d6

Concen: 130.625 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045044.D

Acq: 17 Apr 2020 23:47

Instrument :

BNA_G

ClientSampleId :

PB128315BL

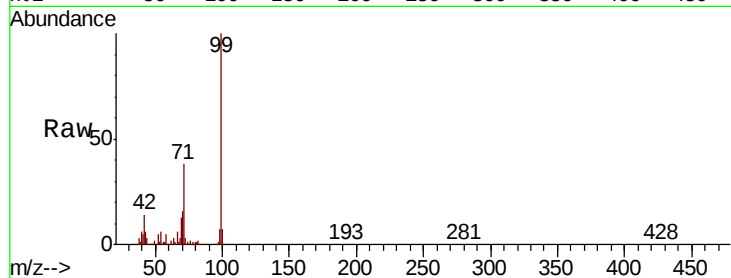
Tot Ion: 99 Resp: 709711

Ion Ratio Lower Upper

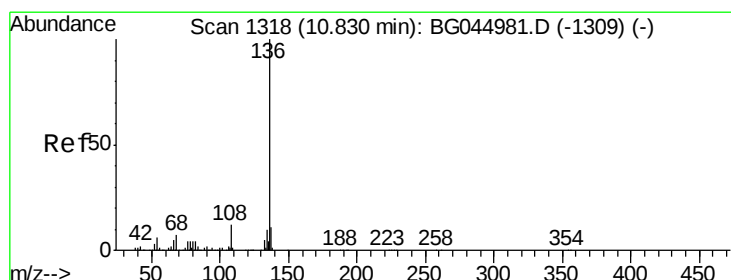
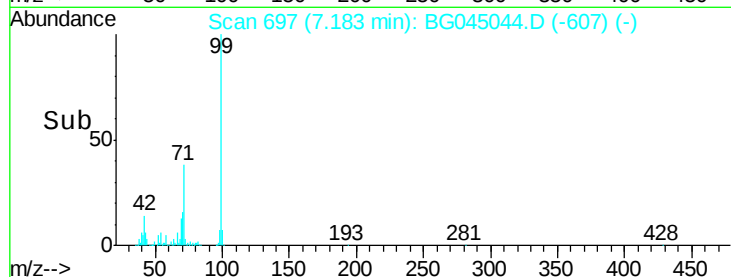
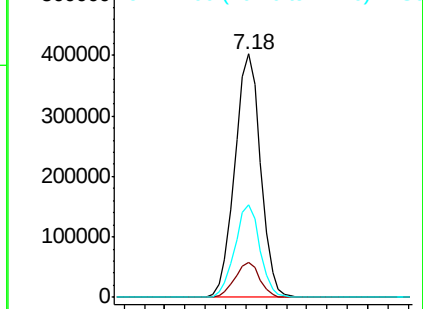
99 100

42 14.3 11.3 16.9

71 38.0 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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045044.D

Acq: 17 Apr 2020 23:47

Tgt Ion: 136 Resp: 258060

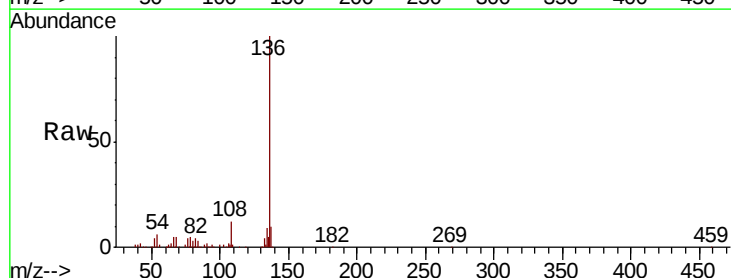
Ion Ratio Lower Upper

136 100

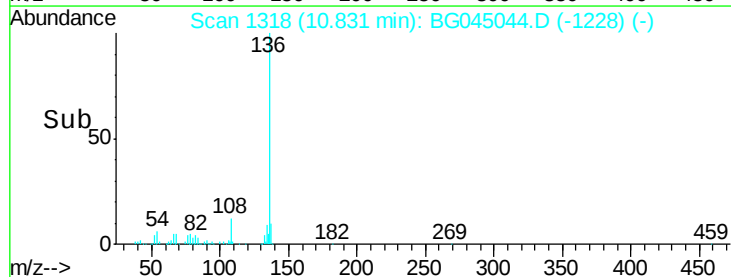
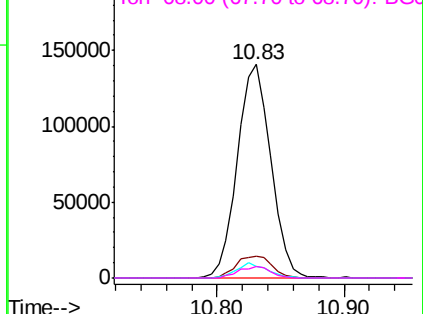
137 10.3 8.6 13.0

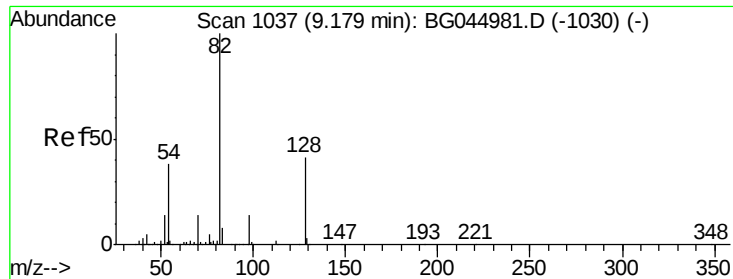
54 5.7 4.8 7.2

68 5.2 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

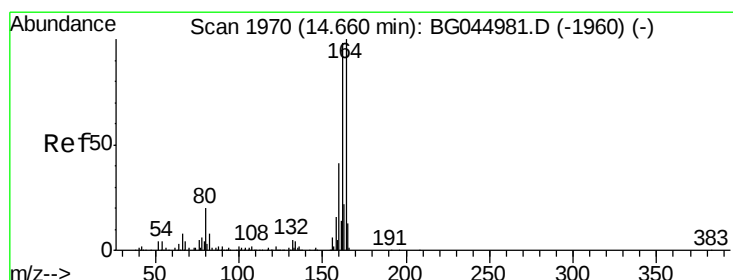
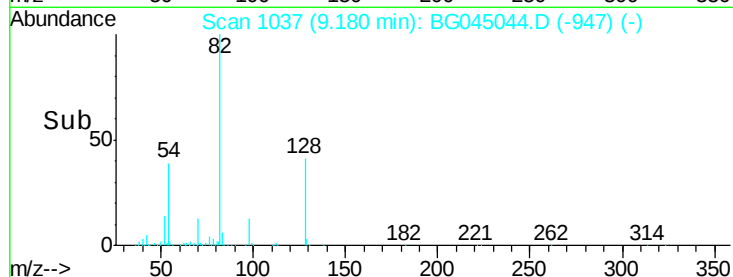
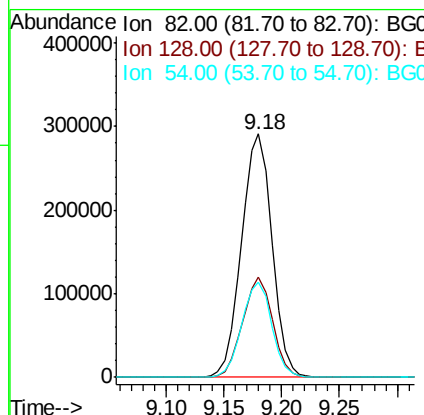
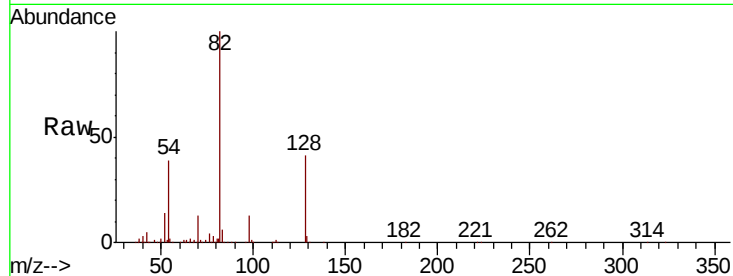




#23
Nitrobenzene-d5
Concen: 94.281 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

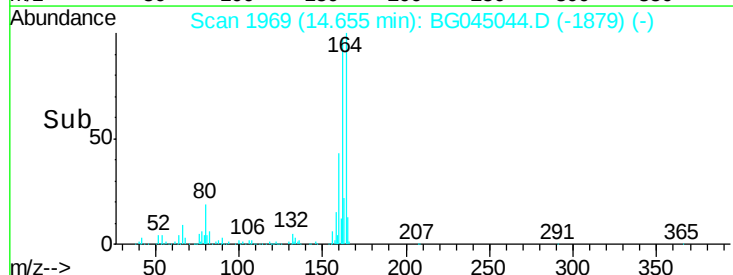
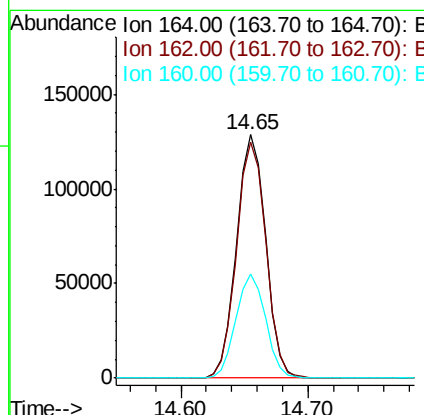
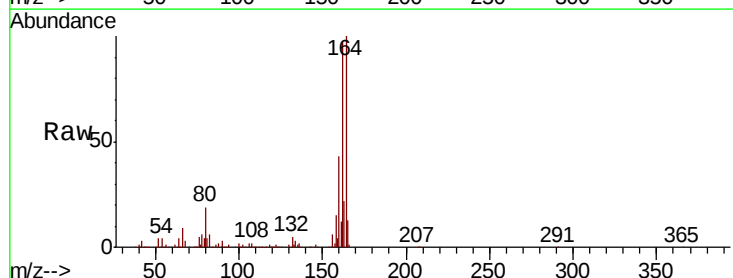
Instrument :
BNA_G
ClientSampleId :
PB128315BL

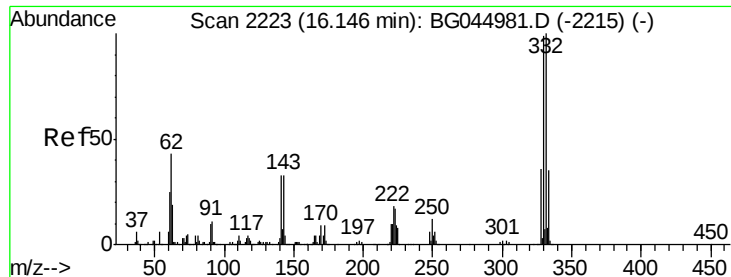
Tot Ion	82	Resp	533219
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.0	49.4
54	39.1	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045044.D
Acq: 17 Apr 2020 23:47

Tgt Ion	164	Resp	204287
Ion Ratio	Lower	Upper	
164	100		
162	96.9	78.7	118.1
160	42.5	32.8	49.2

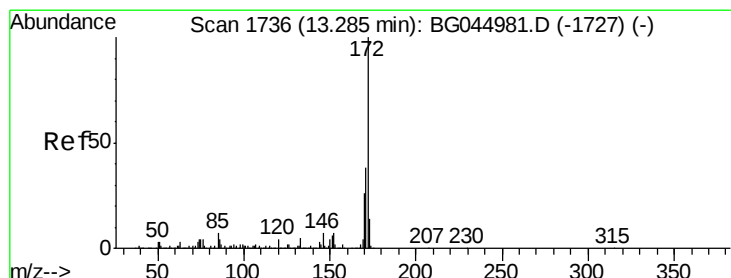
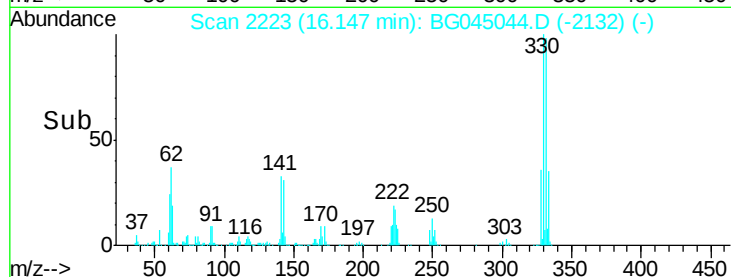
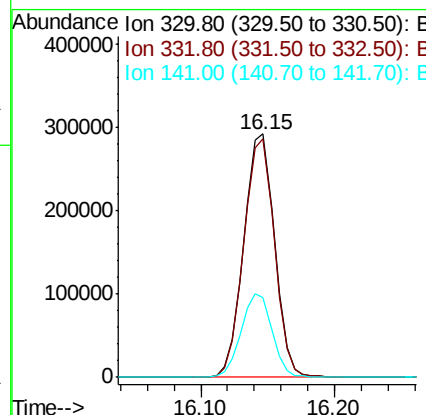
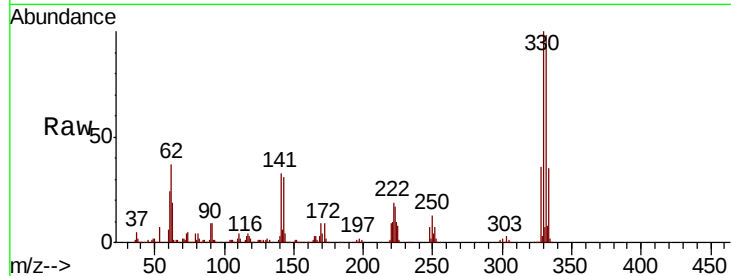




#42
 2,4,6-Tribromophenol
 Concen: 147.720 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045044.D
 Acq: 17 Apr 2020 23:47

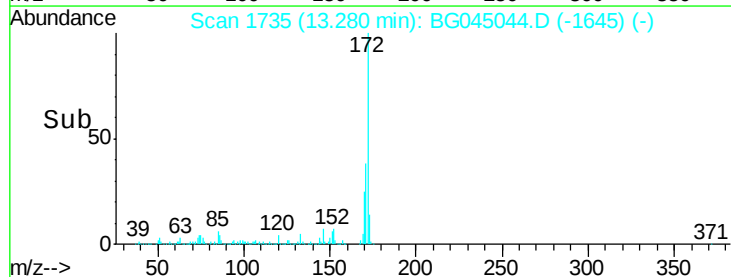
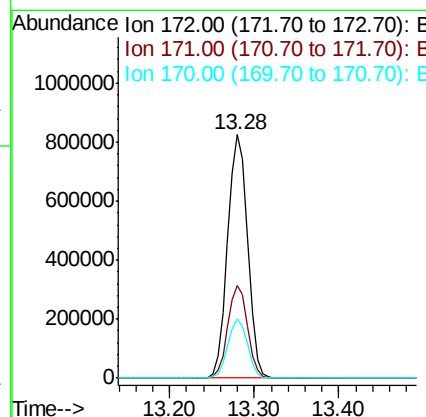
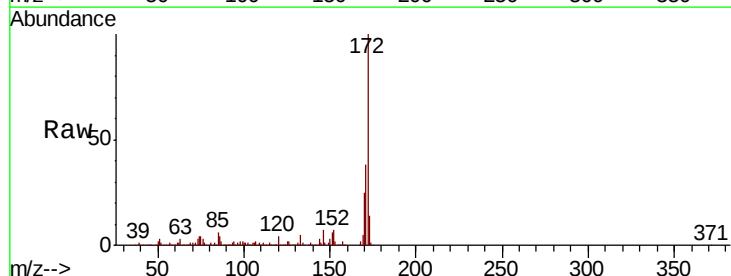
Instrument :
 BNA_G
 ClientSampleId :
 PB128315BL

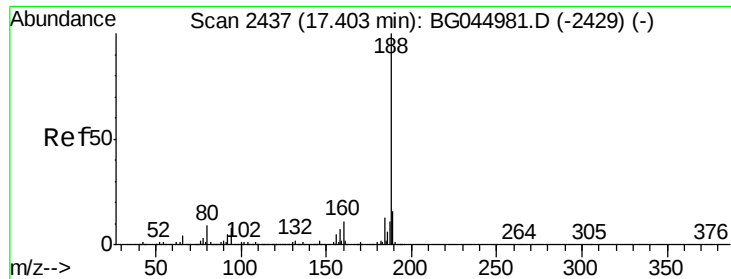
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	34.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 96.644 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045044.D
 Acq: 17 Apr 2020 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.5	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045044.D

Acq: 17 Apr 2020 23:47

Instrument :

BNA_G

ClientSampleId :

PB128315BL

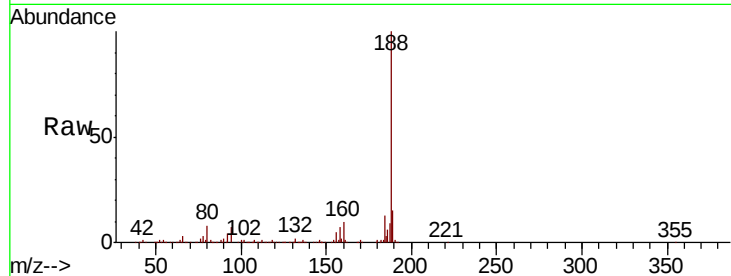
Tot Ion:188 Resp: 506278

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

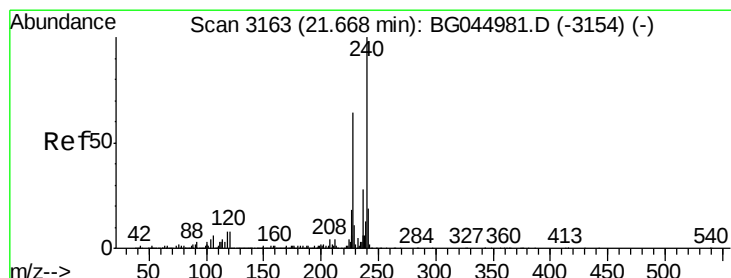
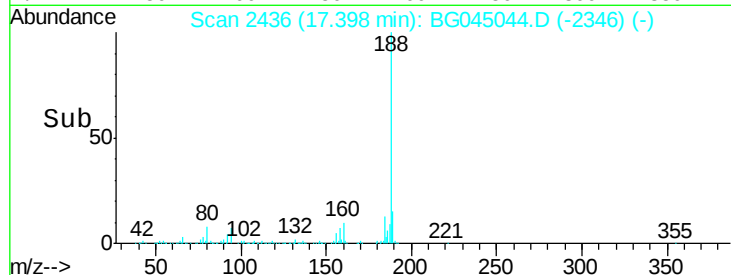
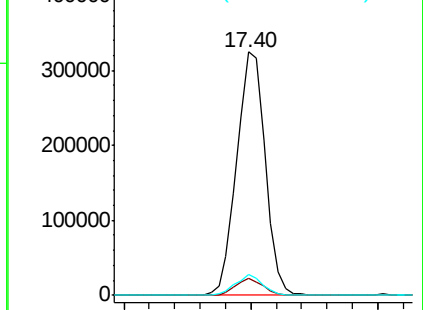
80 8.4 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045044.D

Acq: 17 Apr 2020 23:47

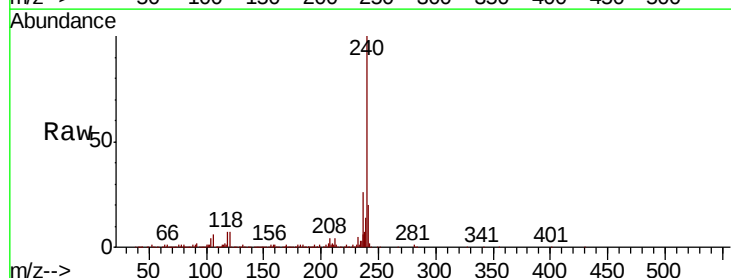
Tgt Ion:240 Resp: 494222

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

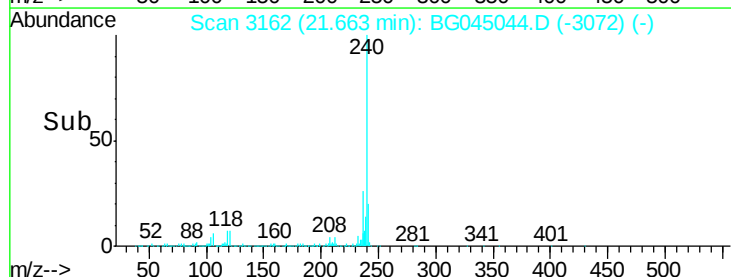
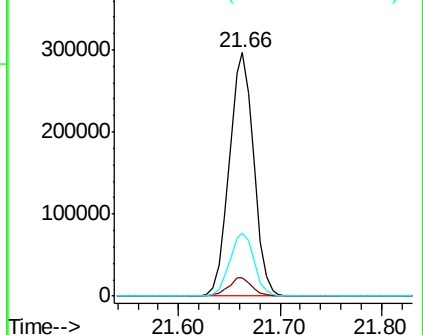
236 26.0 22.2 33.2

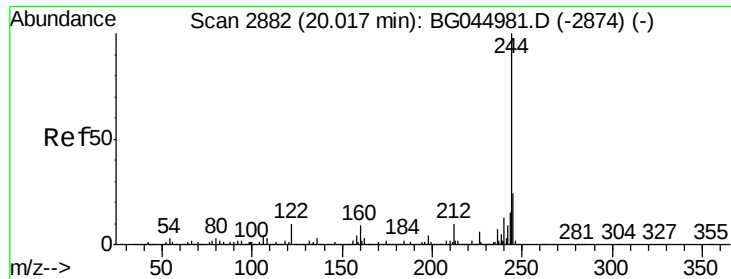


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.975 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045044.D

Acq: 17 Apr 2020 23:47

Instrument :

BNA_G

ClientSampleId :

PB128315BL

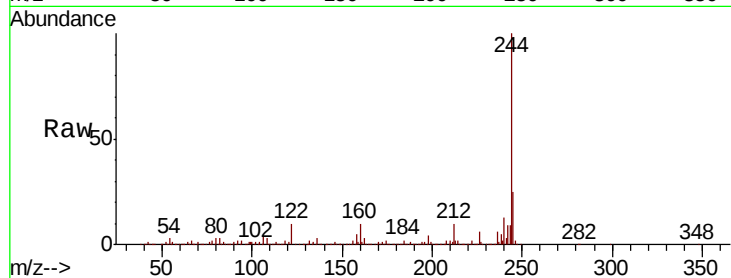
Tot Ion:244 Resp: 2357656

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

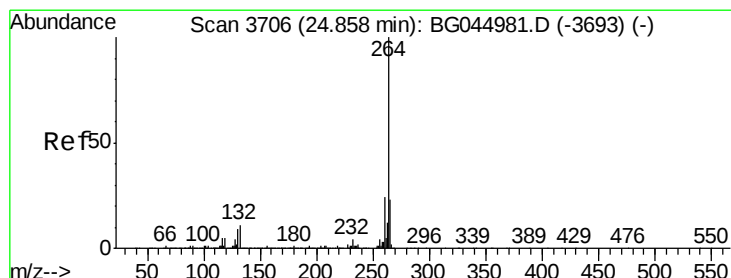
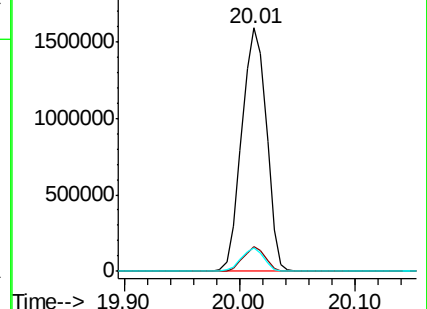
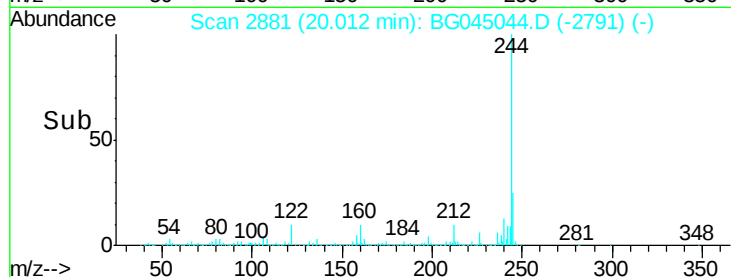
122 9.8 7.7 11.5



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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045044.D

Acq: 17 Apr 2020 23:47

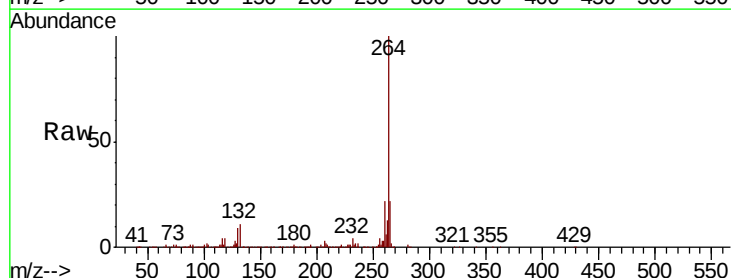
Tgt Ion:264 Resp: 514582

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 21.9 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

