

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045045.D
 Acq On : 18 Apr 2020 00:27
 Operator : CG/JU
 Sample : PB128315TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128315TB

Quant Time: Apr 18 02:59:01 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	56493	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	253785	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	202092	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	490503	20.00	ng	0.00
76) Chrysene-d12	21.66	240	474229	20.00	ng	0.00
87) Perylene-d12	24.85	264	502223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	465310	135.98	ng	0.00
7) Phenol-d6	7.18	99	708229	139.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	538889	96.89	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	477627	152.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1358548	98.57	ng	0.00
79) Terphenyl-d14	20.01	244	2336051	107.37	ng	0.00

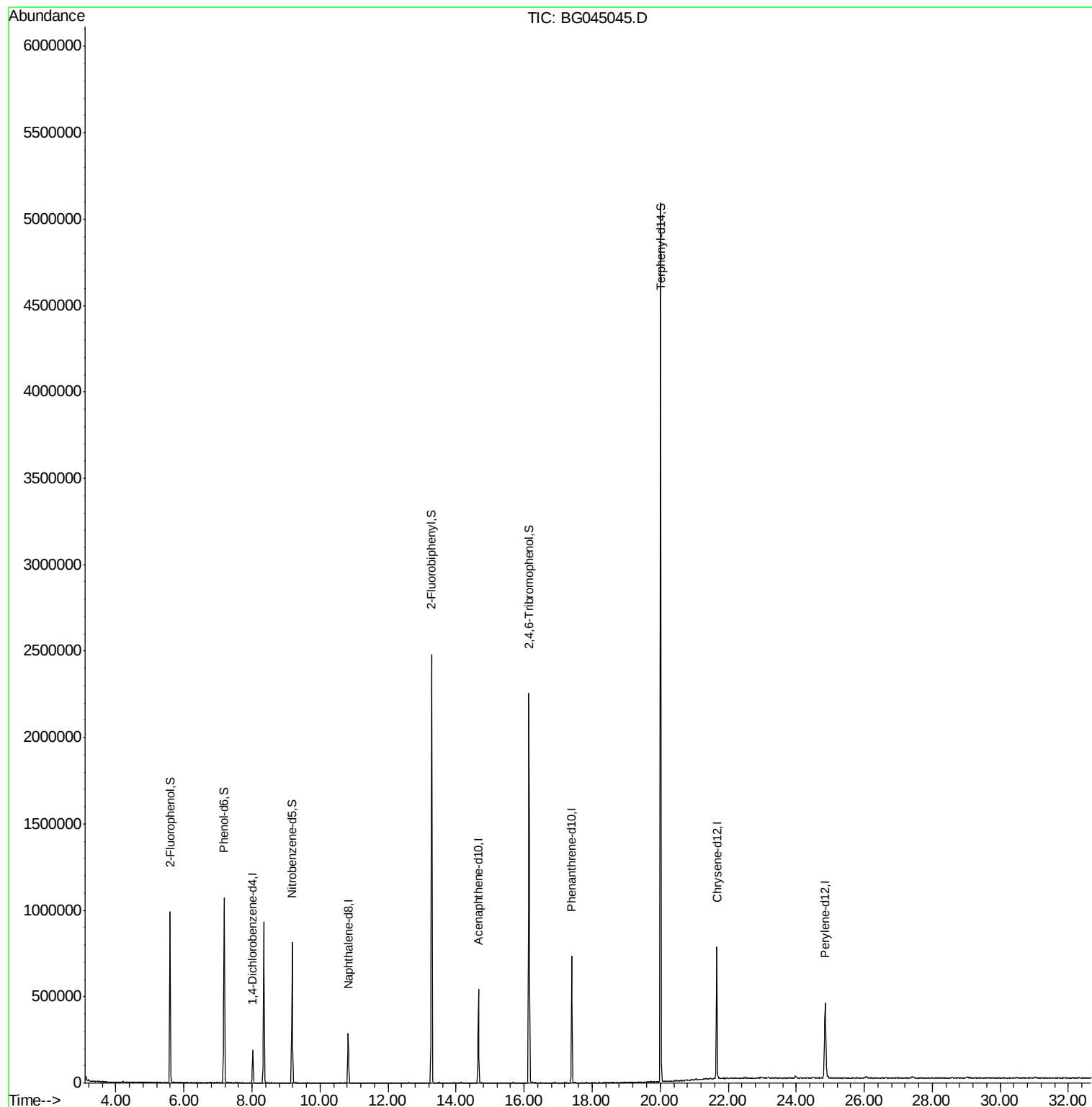
Target Compounds Qvalue

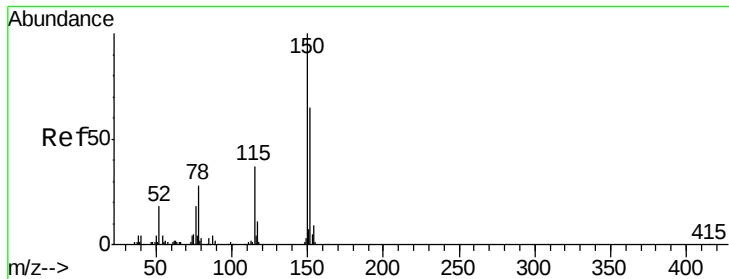
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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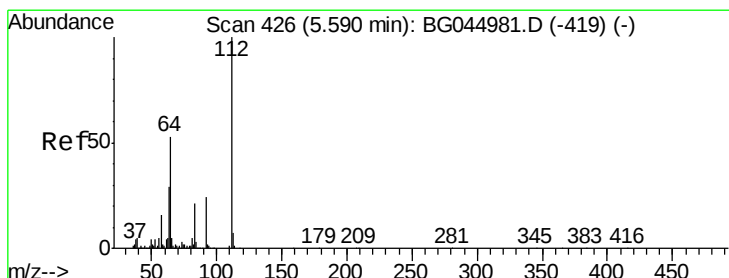
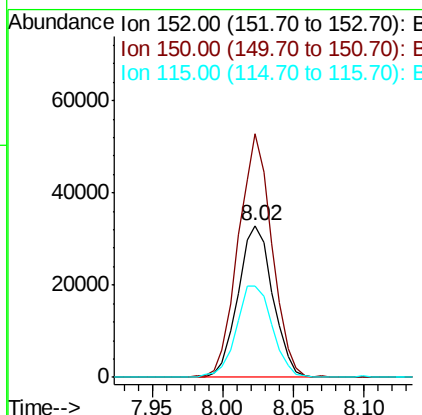
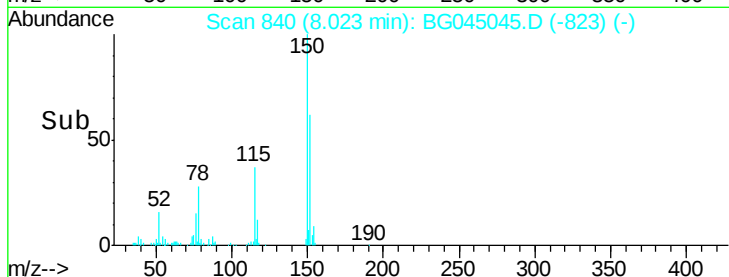
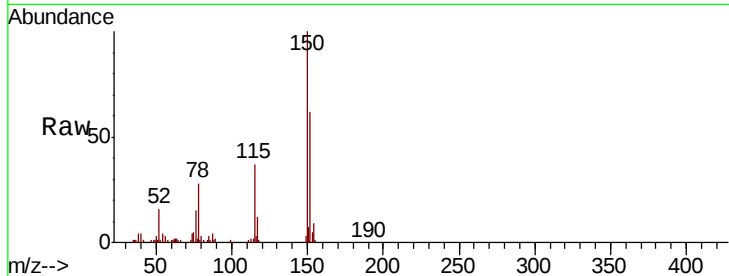




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

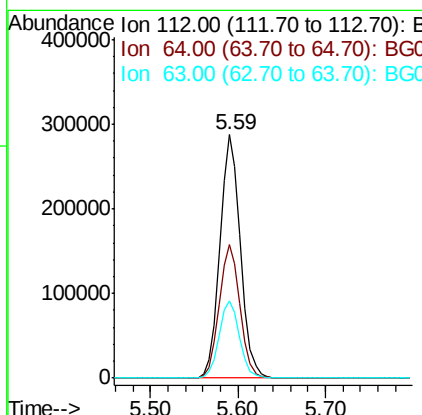
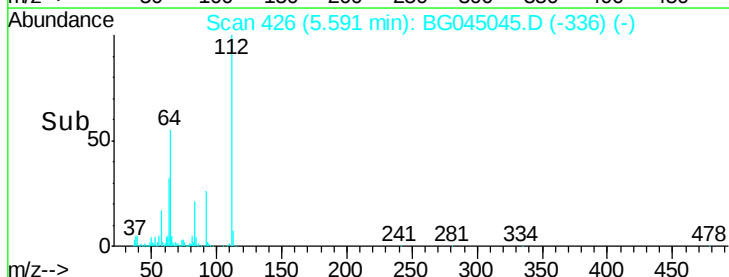
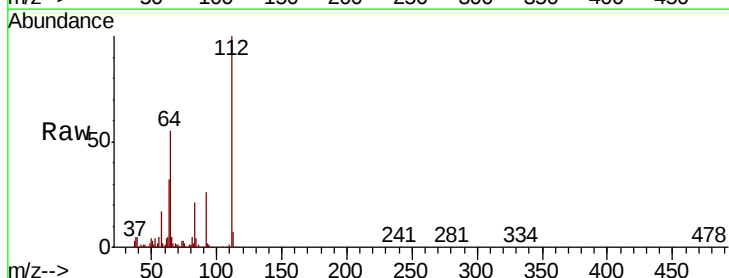
Instrument :
 BNA_G
 ClientSampleId :
 PB128315TB

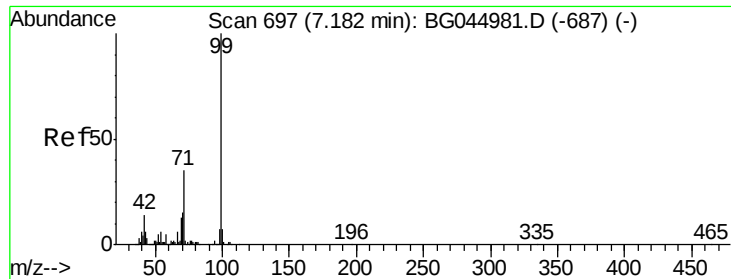
Tot Ion:	152	Resp:	56493
Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.6	185.4
115	59.9	49.1	73.7



#5
 2-Fluorophenol
 Concen: 135.982 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

Tgt Ion:	112	Resp:	465310
Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.4	63.6
63	31.8	23.1	34.7





#7

Phenol-d6

Concen: 139.305 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

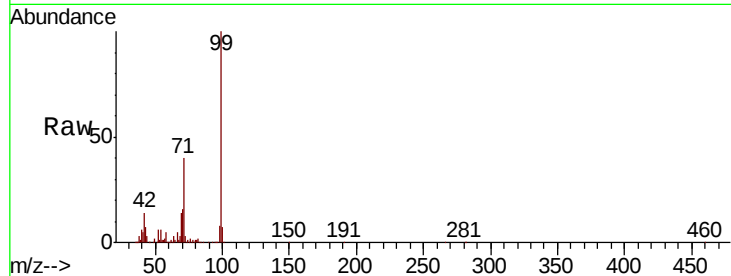
Tot Ion: 99 Resp: 708229

Ion Ratio Lower Upper

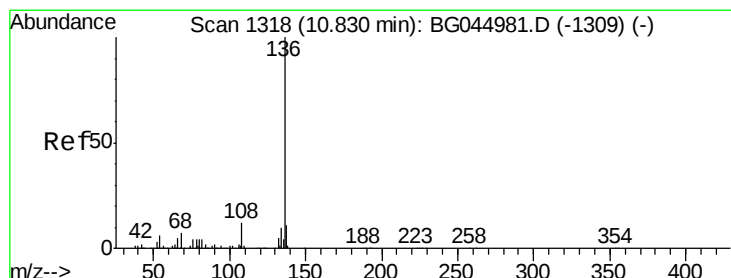
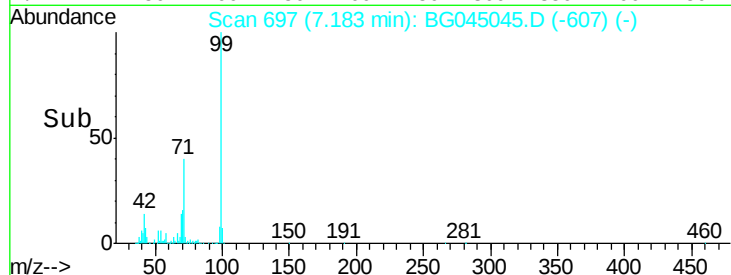
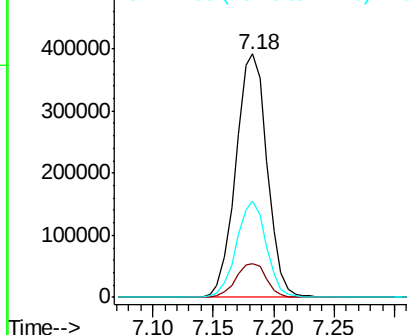
99 100

42 13.8 11.3 16.9

71 39.8 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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Tgt Ion: 136 Resp: 253785

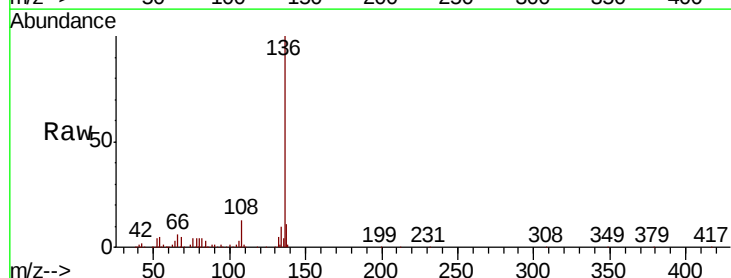
Ion Ratio Lower Upper

136 100

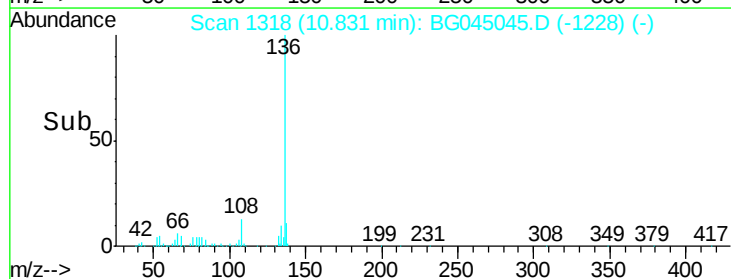
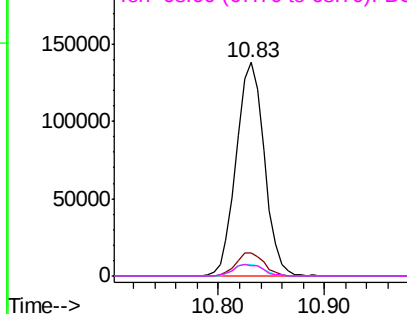
137 11.1 8.6 13.0

54 5.1 4.8 7.2

68 4.8 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

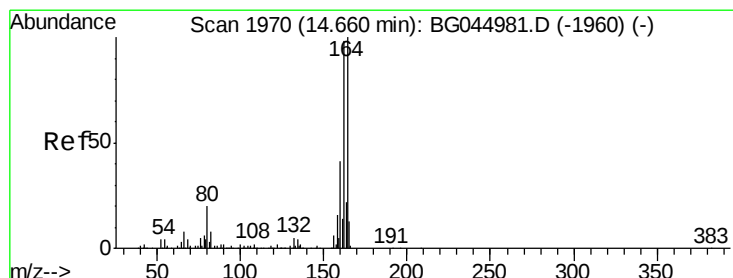
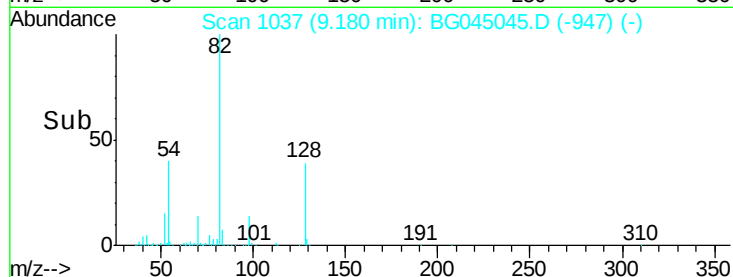
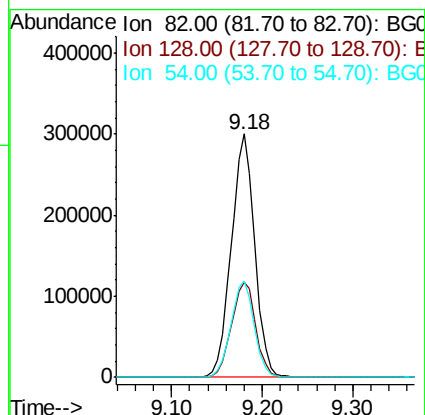
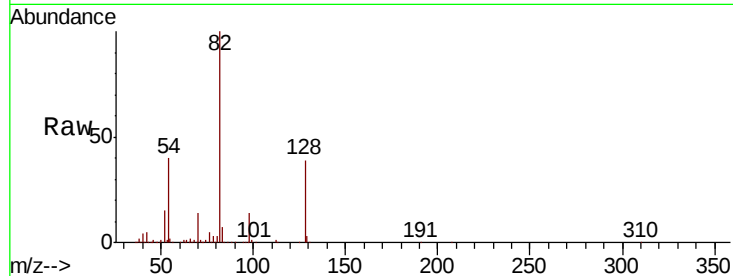




#23
Nitrobenzene-d5
Concen: 96.889 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

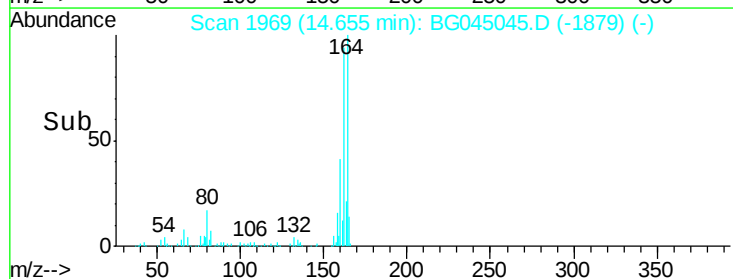
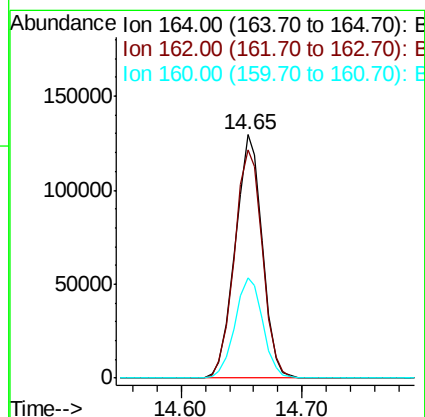
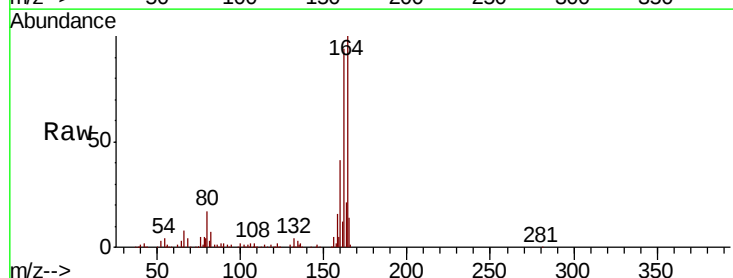
Instrument :
BNA_G
ClientSampleId :
PB128315TB

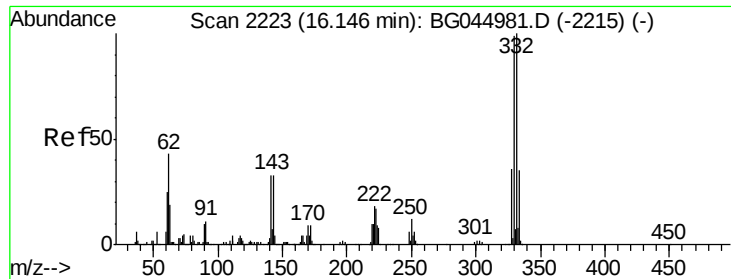
Tot Ion	82	Resp	538889
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.0	49.4
54	39.6	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Tgt Ion	164	Resp	202092
Ion Ratio	Lower	Upper	
164	100		
162	93.6	78.7	118.1
160	41.3	32.8	49.2

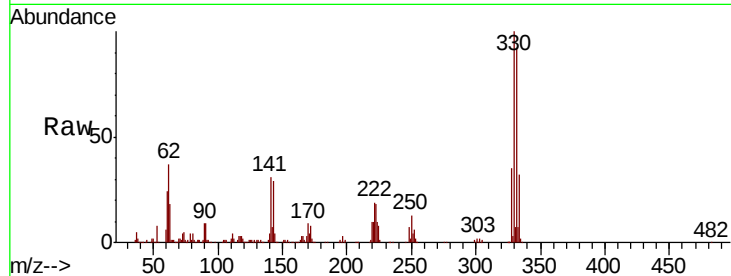




#42
 2,4,6-Tribromophenol
 Concen: 152.985 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

Instrument :
 BNA_G
 ClientSampleId :
 PB128315TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.1	118.7
141	34.9	27.1	40.7

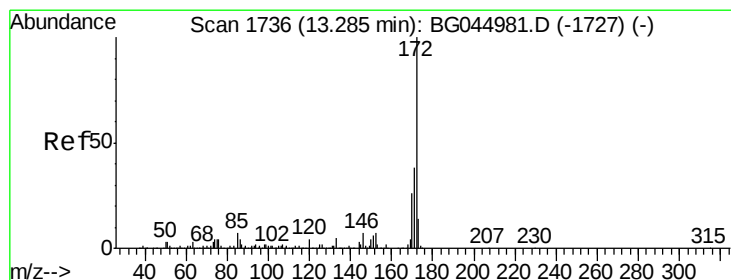
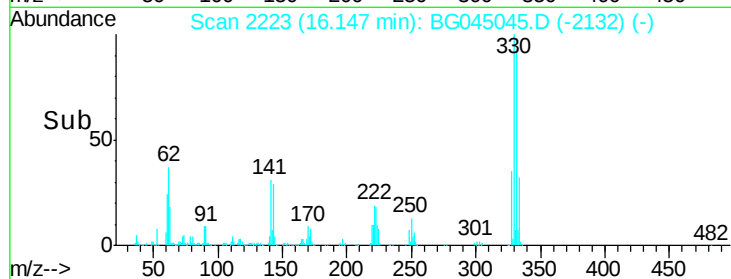
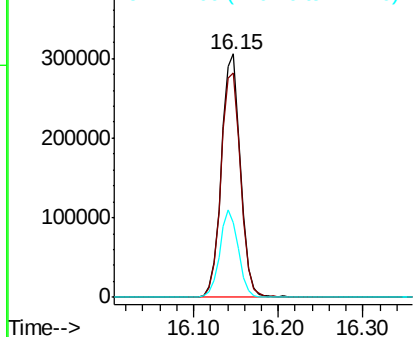


Abundance

Ion 329.80 (329.50 to 330.50): E

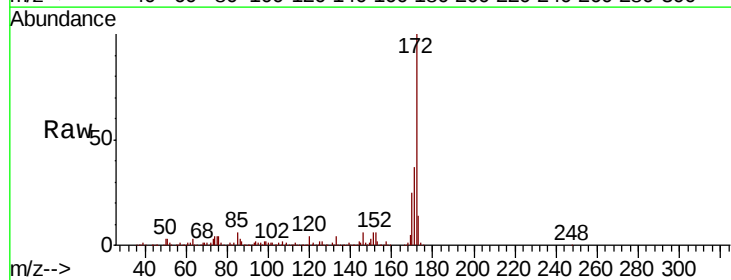
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.572 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045045.D
 Acq: 18 Apr 2020 00:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.1	20.5	30.7

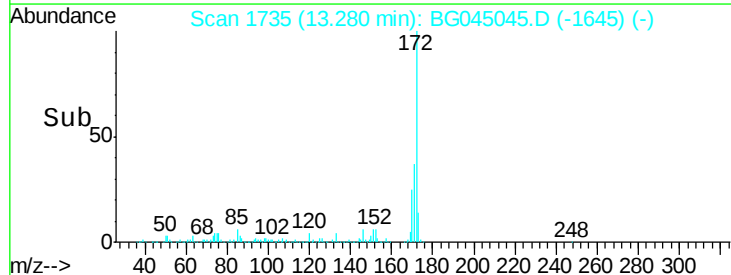
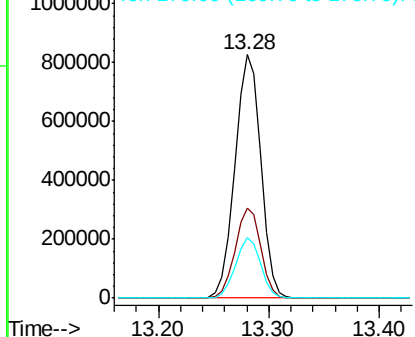


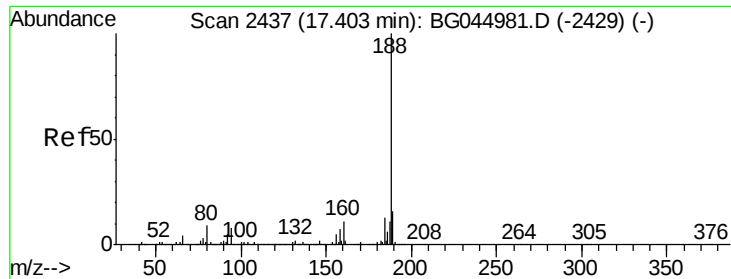
Abundance

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

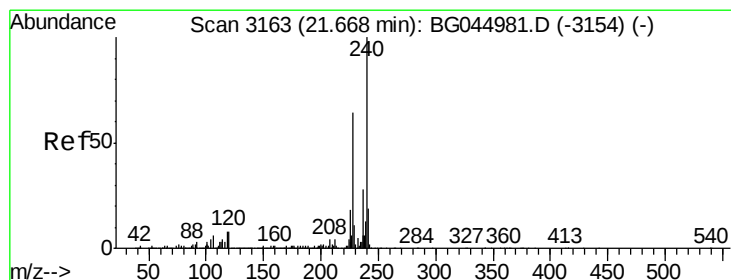
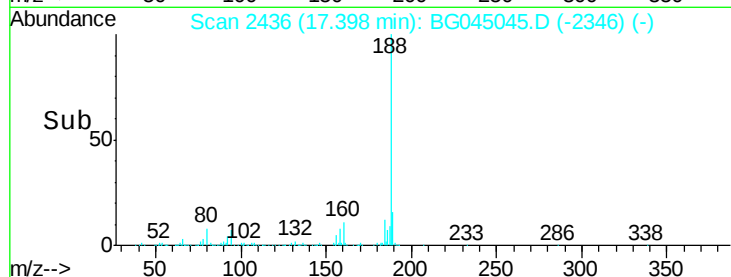
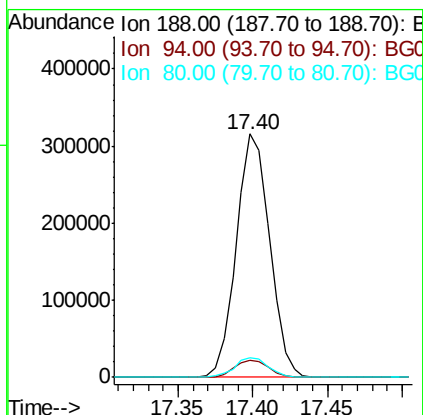
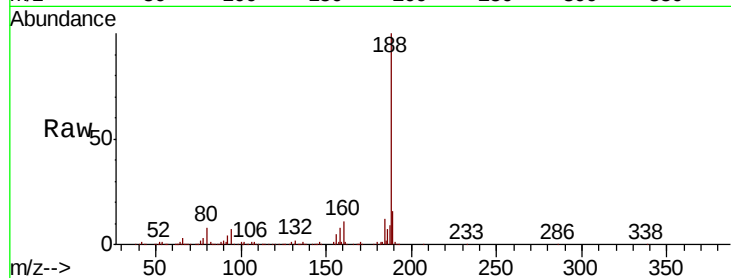




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

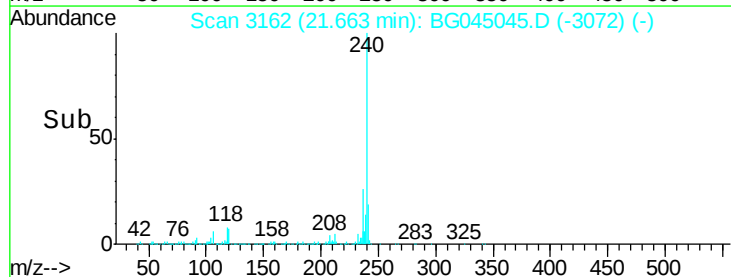
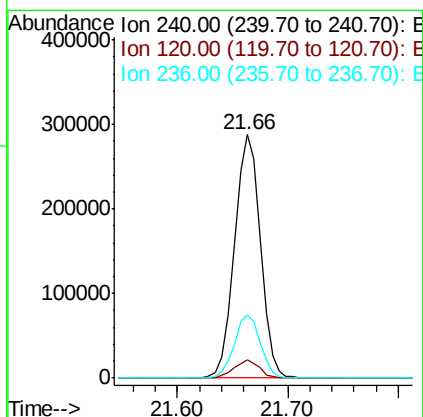
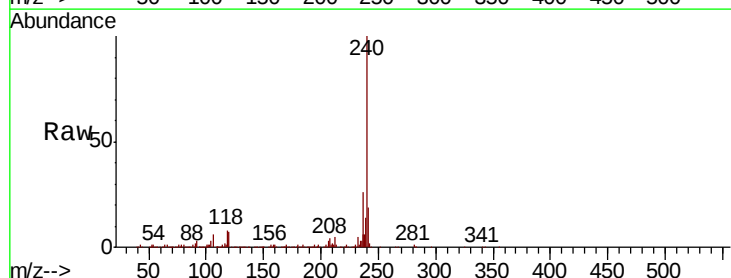
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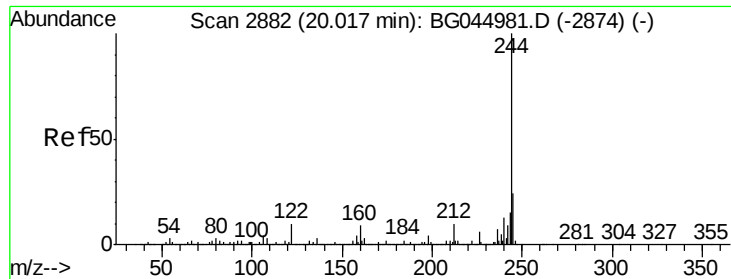
Tot Ion:188 Resp: 490503
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.4
80 7.8 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045045.D
Acq: 18 Apr 2020 00:27

Tgt Ion:240 Resp: 474229
Ion Ratio Lower Upper
240 100
120 7.3 6.6 10.0
236 25.9 22.2 33.2





#79

Terphenyl-d14

Concen: 107.365 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

Instrument :

BNA_G

ClientSampleId :

PB128315TB

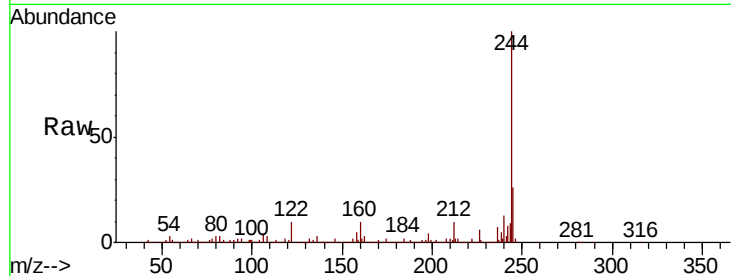
Tot Ion:244 Resp: 2336051

Ion Ratio Lower Upper

244 100

212 10.3 7.9 11.9

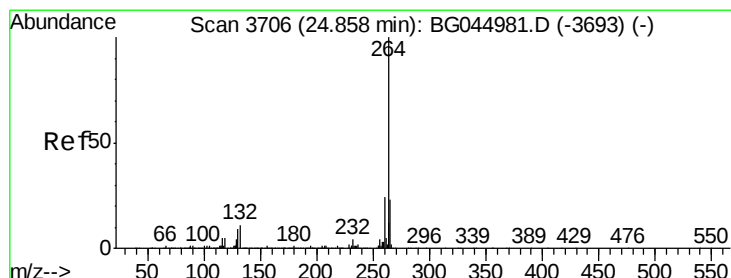
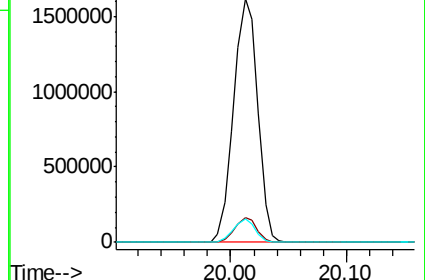
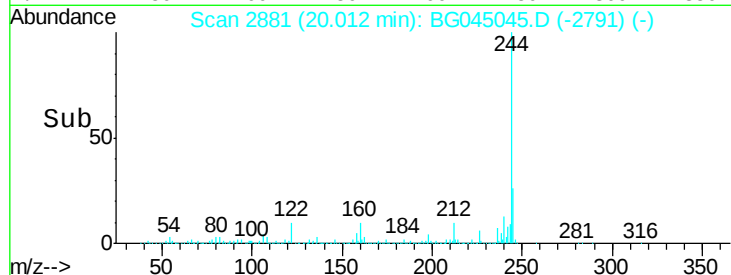
122 9.6 7.7 11.5



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# 3705

Delta R.T. -0.00 min

Lab File: BG045045.D

Acq: 18 Apr 2020 00:27

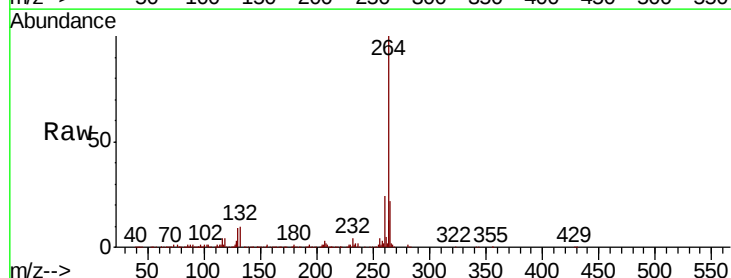
Tgt Ion:264 Resp: 502223

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 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

