

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045033.D
 Acq On : 17 Apr 2020 15:07
 Operator : CG/JU
 Sample : L2284-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-SA

Quant Time: Apr 17 16:00:05 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	66207	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	283487	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	215745	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	543535	20.00	ng	0.00
76) Chrysene-d12	21.66	240	517126	20.00	ng	0.00
87) Perylene-d12	24.85	264	423806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	585683	146.05	ng	0.00
7) Phenol-d6	7.18	99	837431	140.55	ng	0.00
23) Nitrobenzene-d5	9.18	82	613596	98.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	527258	158.19	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1481883	100.72	ng	0.00
79) Terphenyl-d14	20.01	244	2518626	106.15	ng	0.00

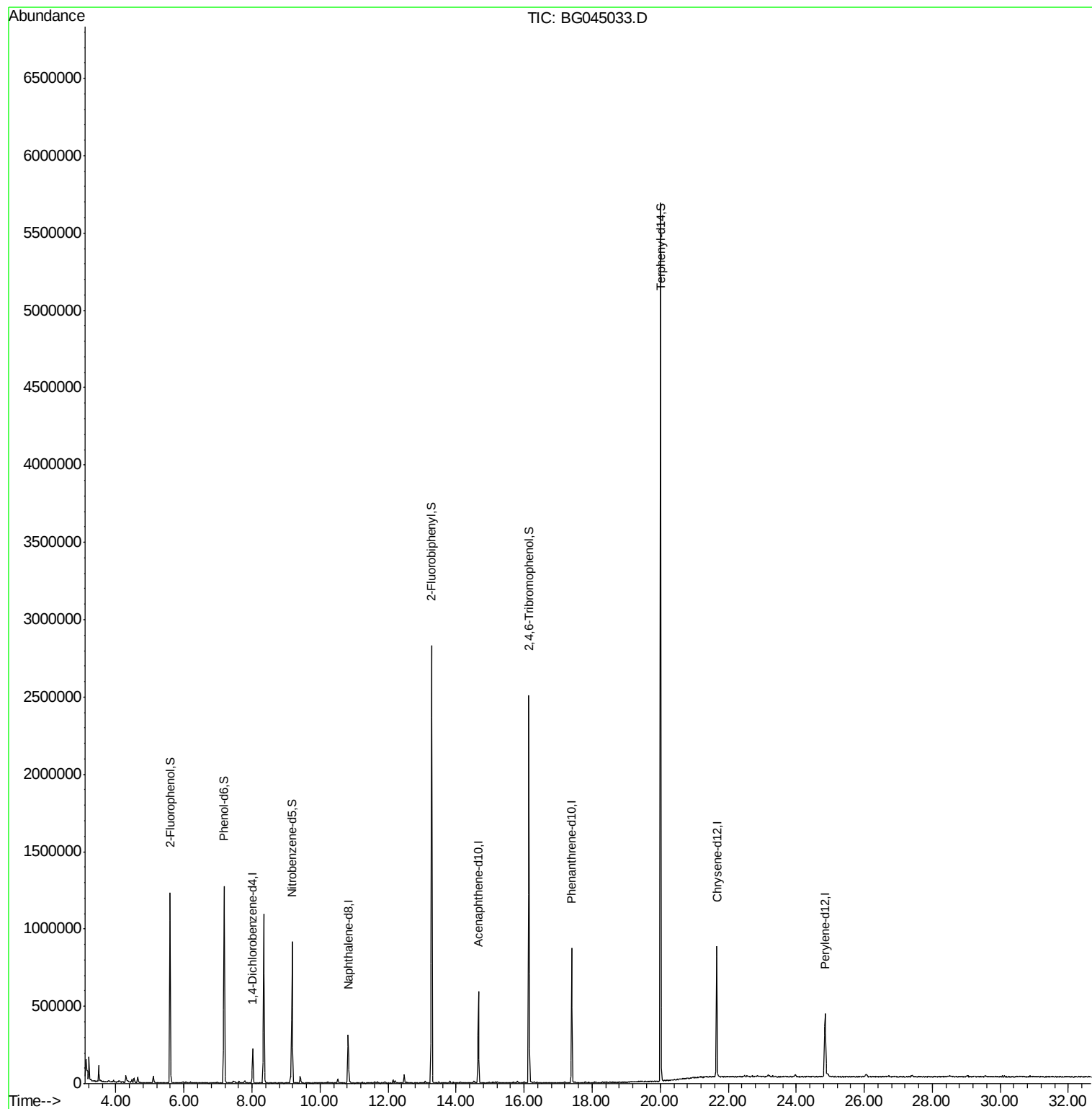
Target Compounds Qvalue

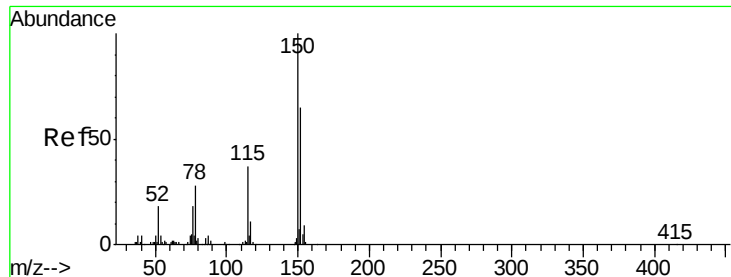
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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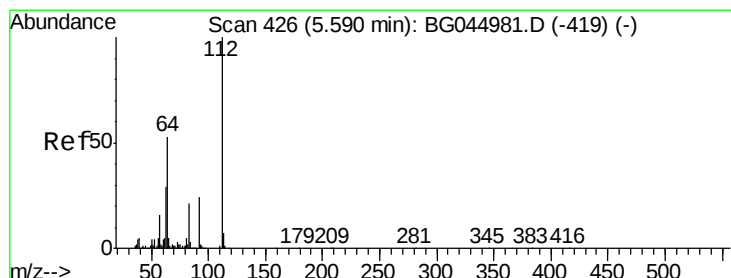
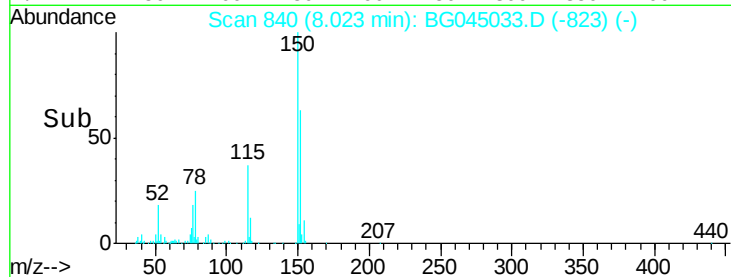
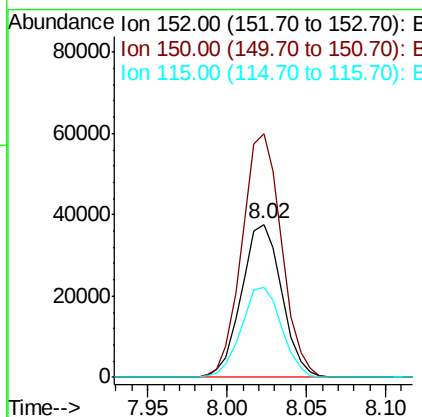
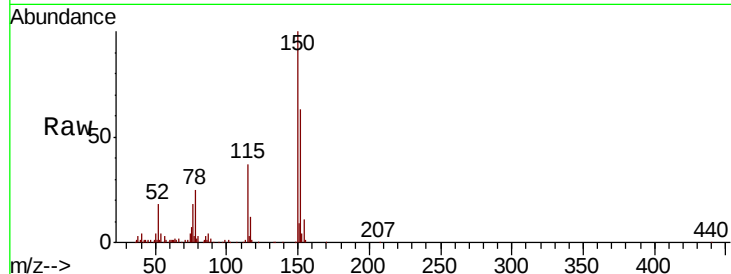




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045033.D
 Acq: 17 Apr 2020 15:07

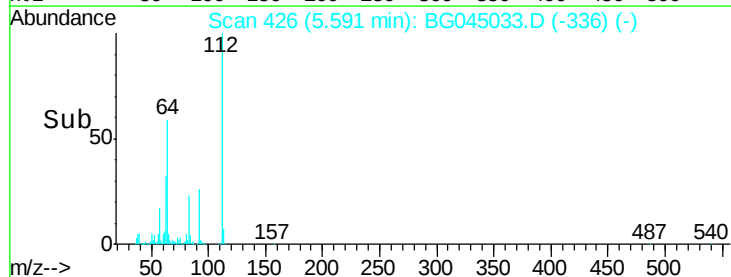
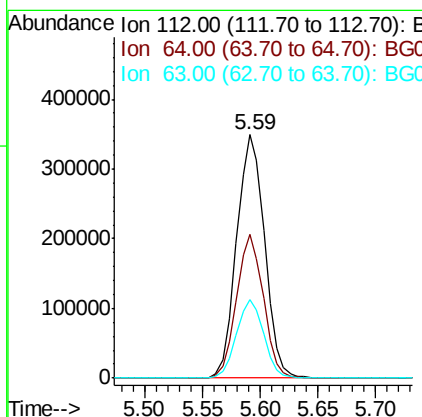
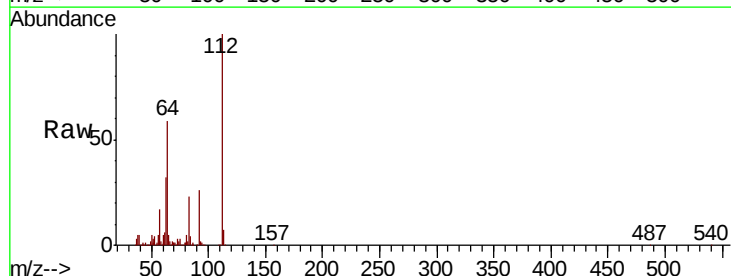
Instrument :
 BNA_G
 ClientSampleId :
 TP-12-SA

Tot Ion:	152	Resp:	66207
Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.6	185.4
115	58.9	49.1	73.7



#5
 2-Fluorophenol
 Concen: 146.047 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045033.D
 Acq: 17 Apr 2020 15:07

Tgt Ion:	112	Resp:	585683
Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	32.1	23.1	34.7





#7

Phenol-d6

Concen: 140.550 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045033.D

Acq: 17 Apr 2020 15:07

Instrument :

BNA_G

ClientSampleId :

TP-12-SA

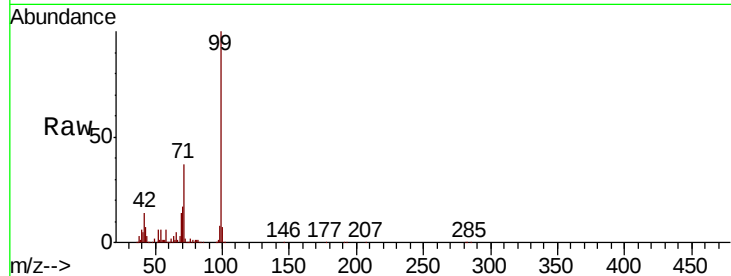
Tot Ion: 99 Resp: 837431

Ion Ratio Lower Upper

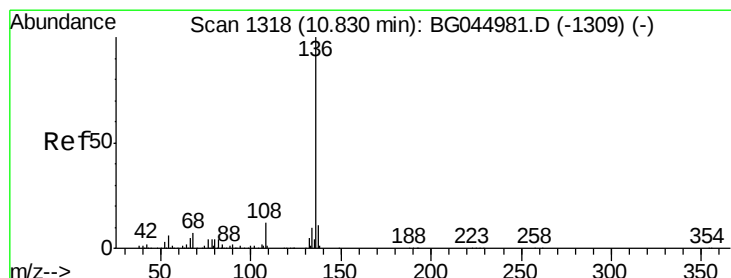
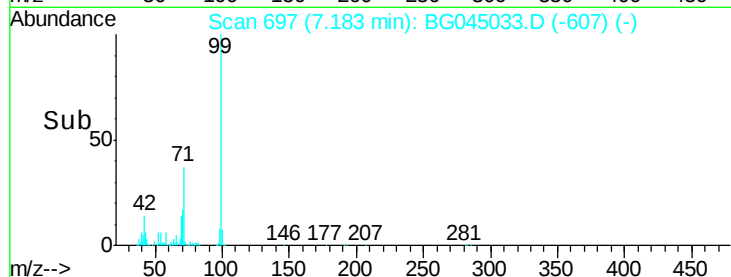
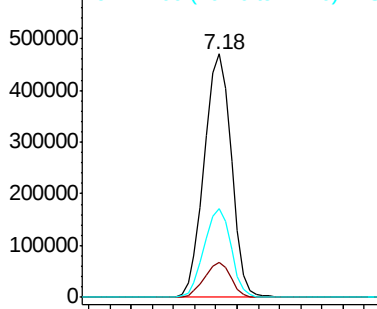
99 100

42 14.5 11.3 16.9

71 36.6 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: BG045033.D

Acq: 17 Apr 2020 15:07

Tgt Ion: 136 Resp: 283487

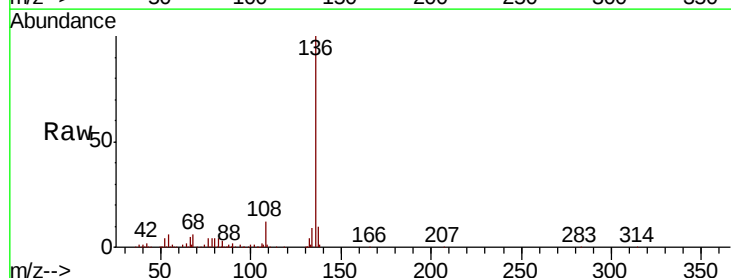
Ion Ratio Lower Upper

136 100

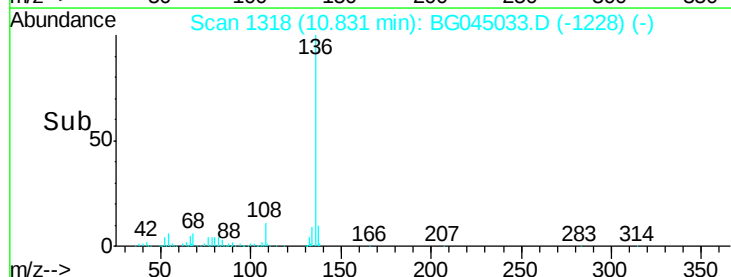
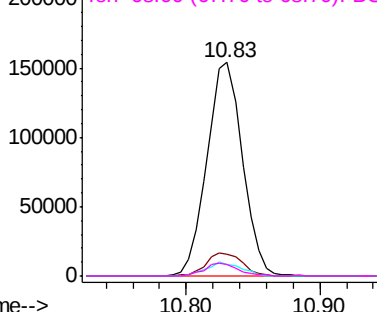
137 10.1 8.6 13.0

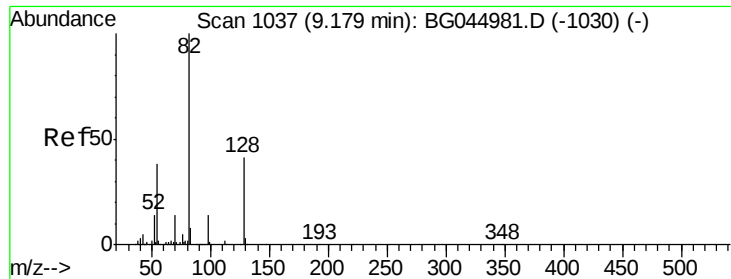
54 5.6 4.8 7.2

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

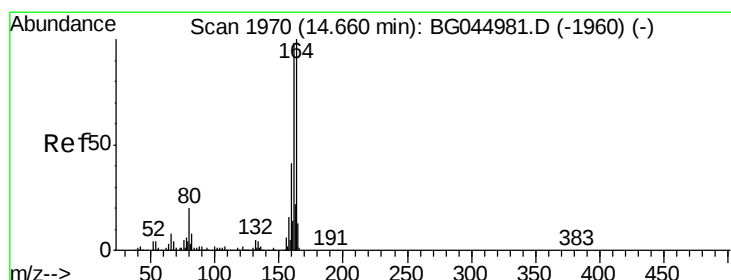
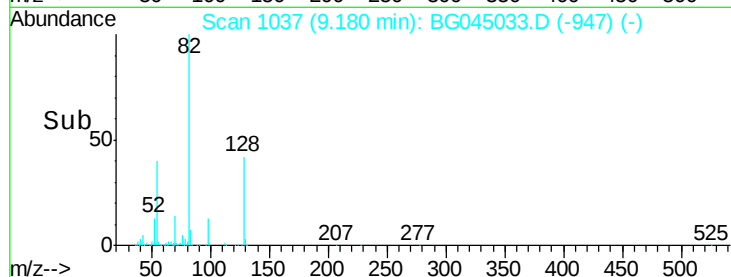
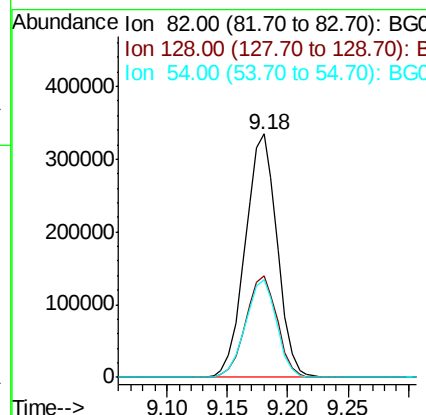
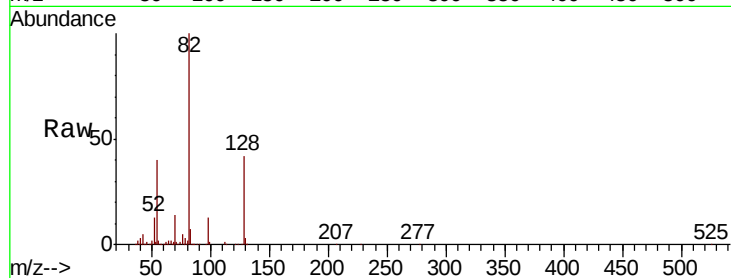




#23
 Nitrobenzene-d5
 Concen: 98.762 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045033.D
 Acq: 17 Apr 2020 15:07

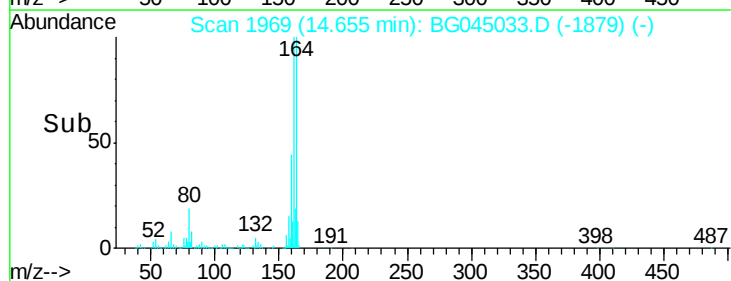
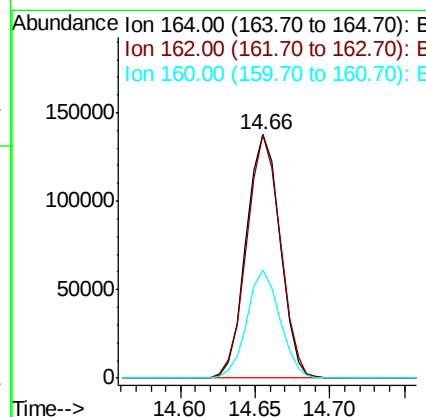
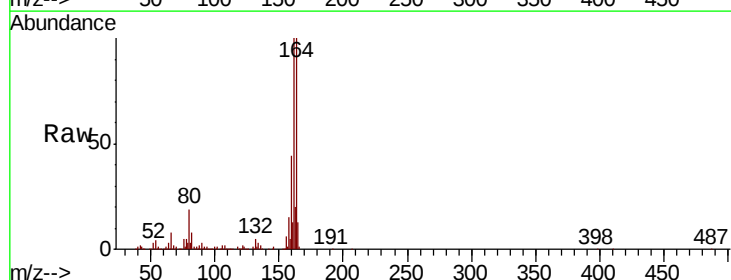
Instrument :
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 ClientSampleId :
 TP-12-SA

Tot Ion	82	Resp	613596
Ion Ratio	Lower	Upper	
82	100		
128	42.0	33.0	49.4
54	39.9	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045033.D
 Acq: 17 Apr 2020 15:07

Tgt Ion	164	Resp	215745
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.7	118.1
160	44.3	32.8	49.2

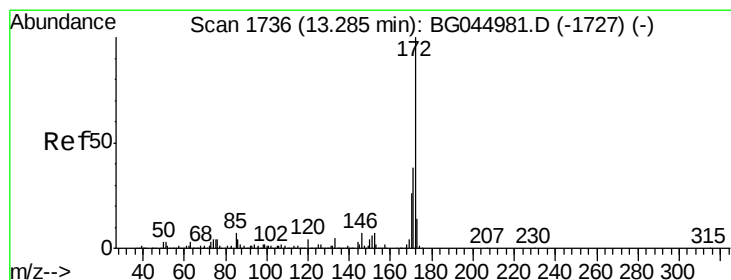
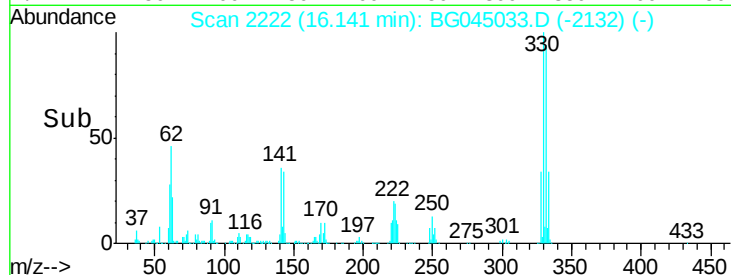
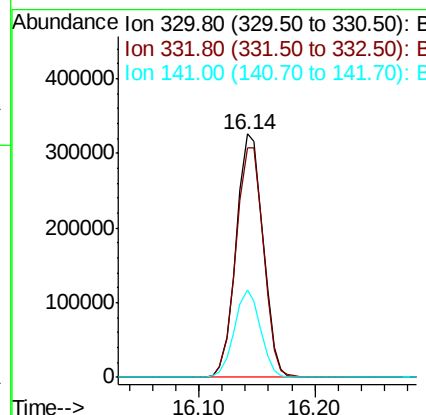
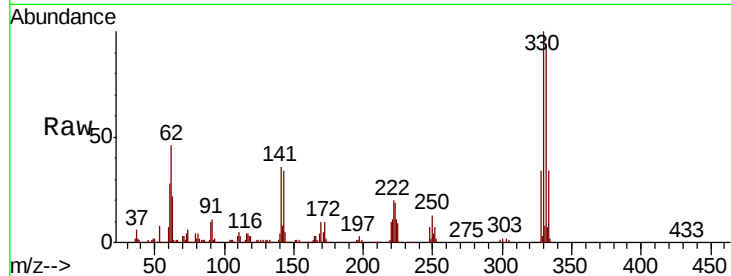




#42
 2,4,6-Tribromophenol
 Concen: 158.194 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045033.D
 Acq: 17 Apr 2020 15:07

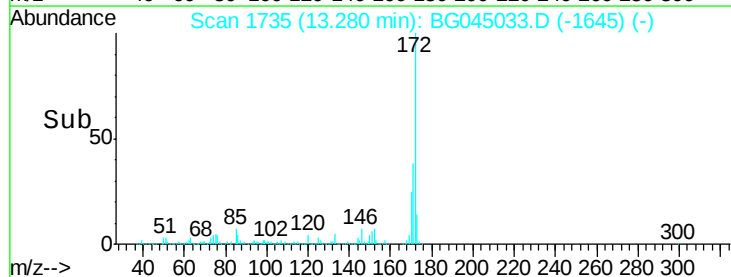
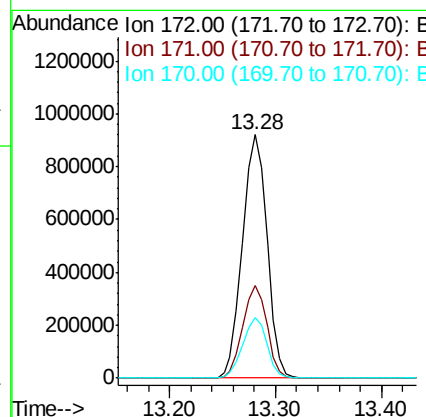
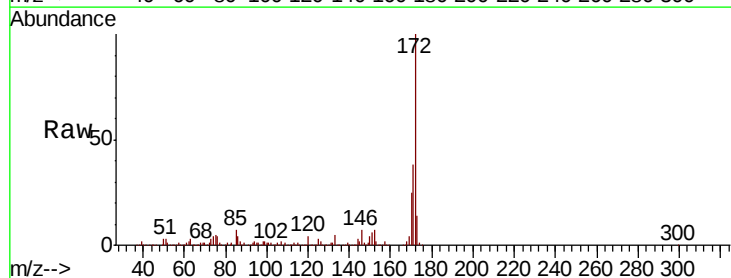
Instrument :
 BNA_G
 ClientSampleId :
 TP-12-SA

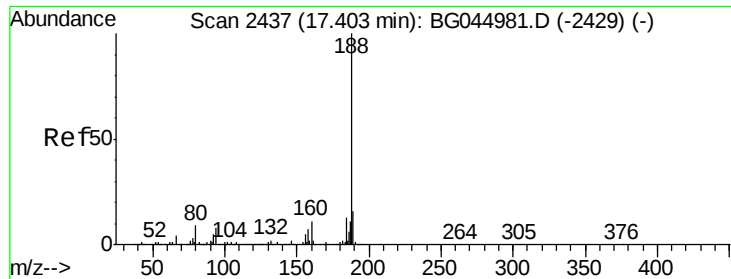
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	34.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 100.717 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045033.D
 Acq: 17 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.9	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: BG045033.D

Acq: 17 Apr 2020 15:07

Instrument :

BNA_G

ClientSampleId :

TP-12-SA

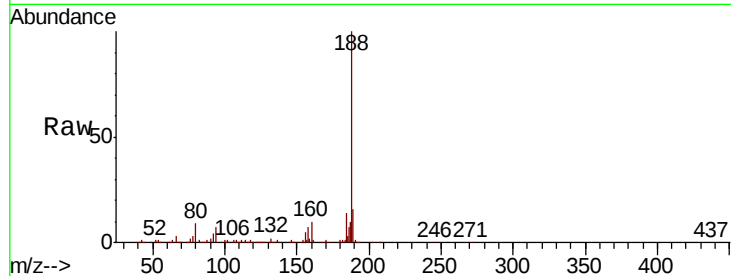
Tot Ion:188 Resp: 543535

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

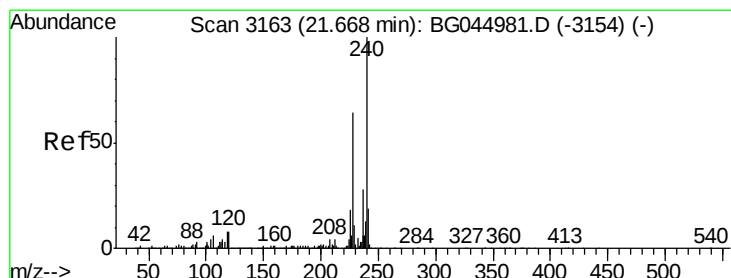
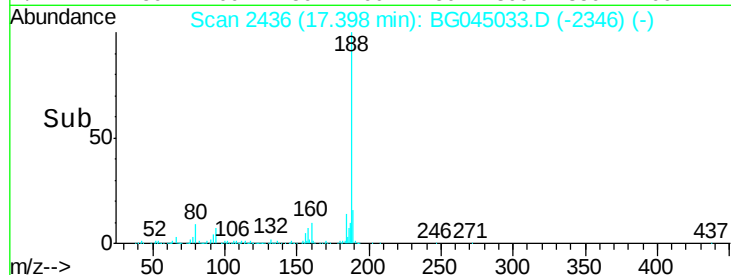
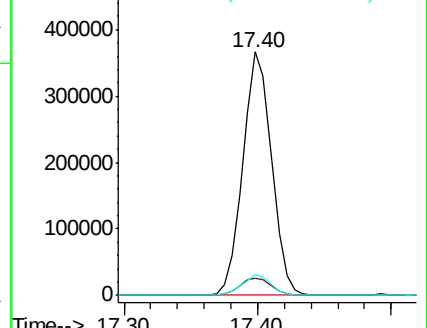
80 8.6 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045033.D

Acq: 17 Apr 2020 15:07

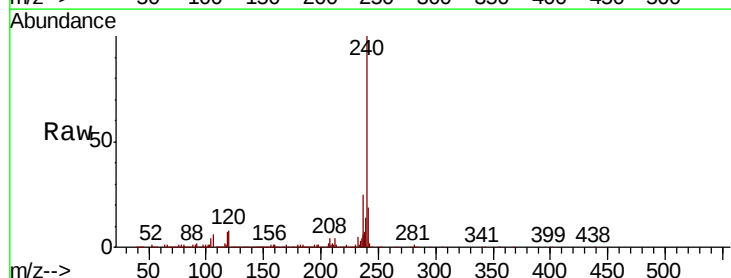
Tgt Ion:240 Resp: 517126

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

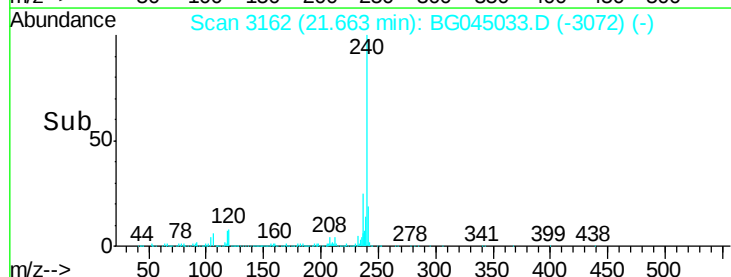
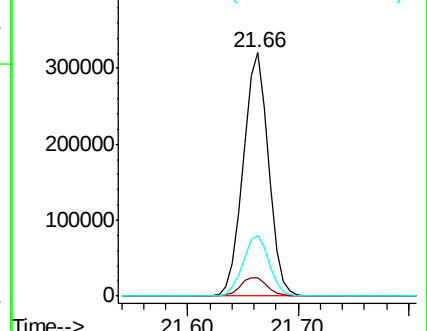
236 25.0 22.2 33.2

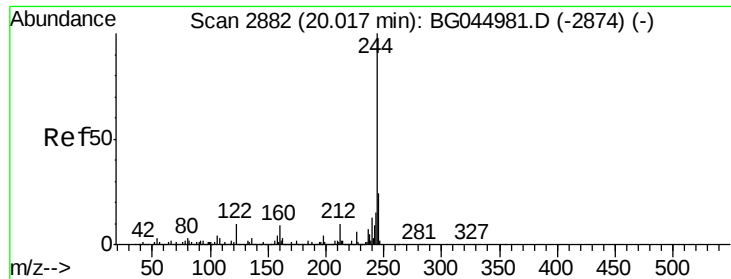


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.154 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045033.D

Acq: 17 Apr 2020 15:07

Instrument :

BNA_G

ClientSampleId :

TP-12-SA

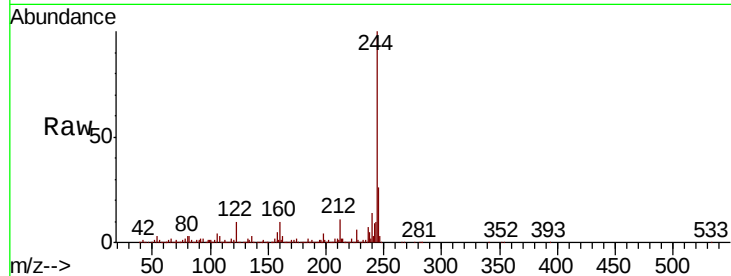
Tot Ion:244 Resp: 2518626

Ion Ratio Lower Upper

244 100

212 10.6 7.9 11.9

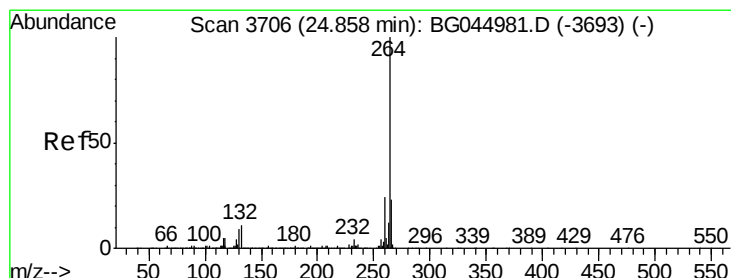
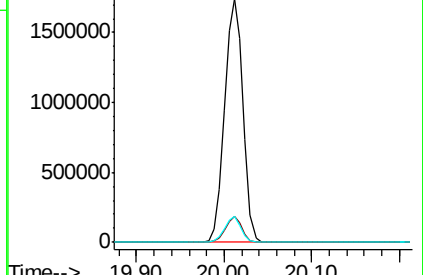
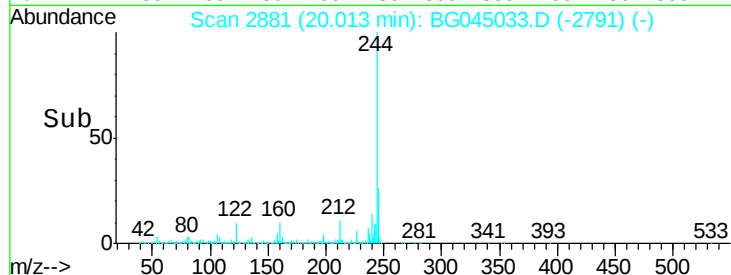
122 10.5 7.7 11.5



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: BG045033.D

Acq: 17 Apr 2020 15:07

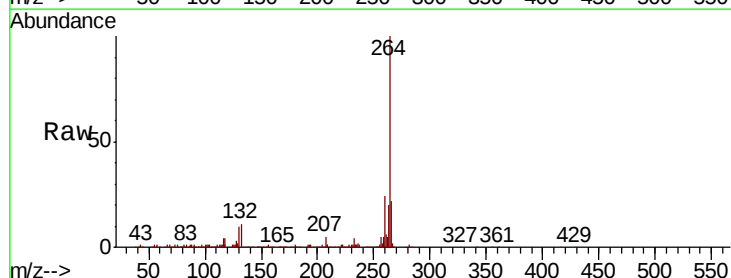
Tgt Ion:264 Resp: 423806

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

