

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045120.D
 Acq On : 21 Apr 2020 20:37
 Operator : CG/JU
 Sample : L2332-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Apr 22 01:21:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	59590	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	245839	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	193209	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	481310	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	468381	20.00	ng	-0.02
87) Perylene-d12	24.85	264	507909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	496929	137.67	ng	0.00
7) Phenol-d6	7.18	99	680970	126.98	ng	-0.02
23) Nitrobenzene-d5	9.17	82	552143	102.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	461290	154.55	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	1336104	101.40	ng	-0.01
79) Terphenyl-d14	20.01	244	2299781	107.02	ng	0.00

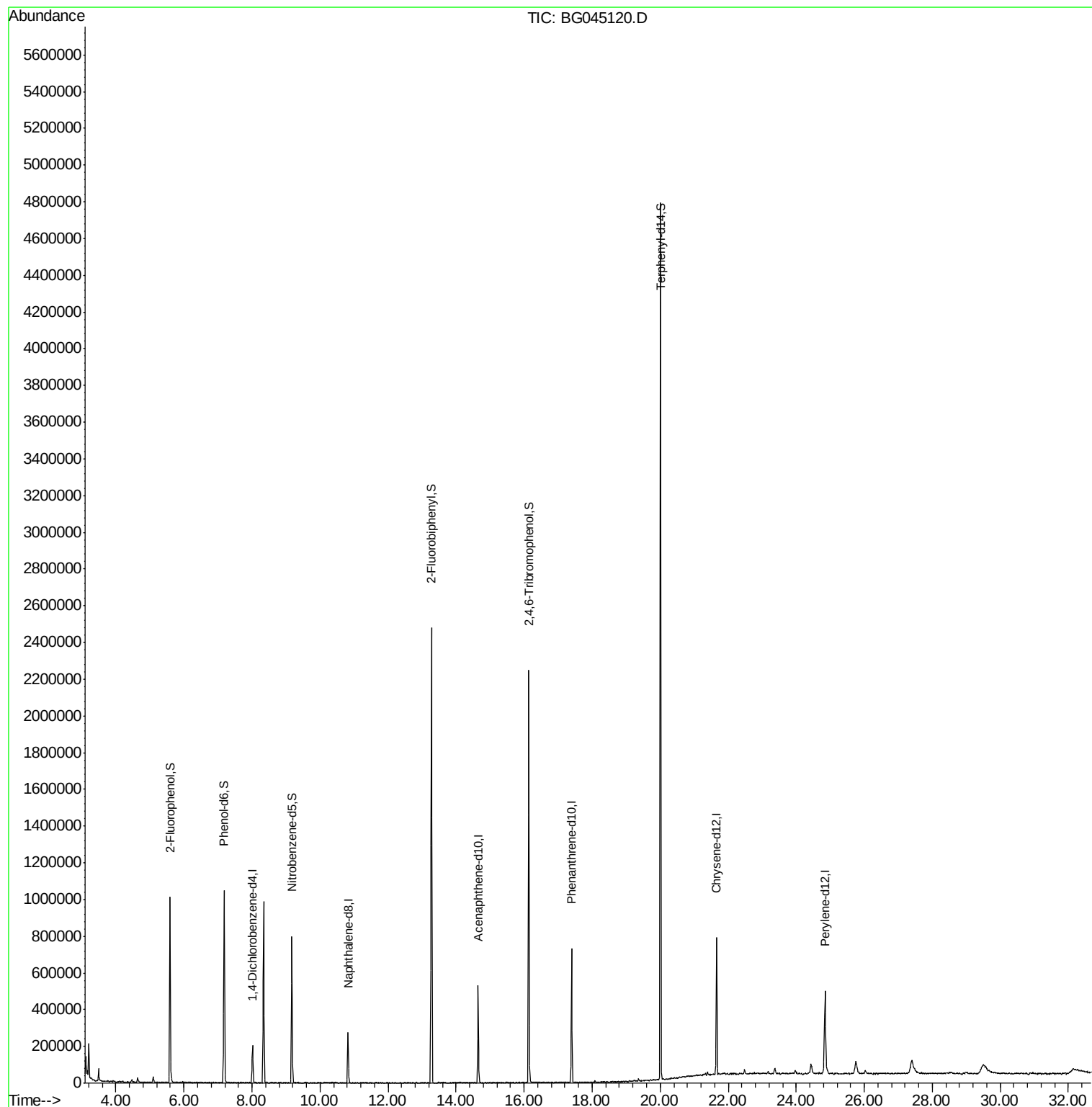
Target Compounds Qvalue

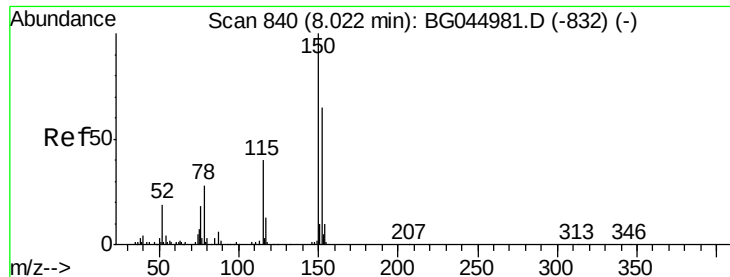
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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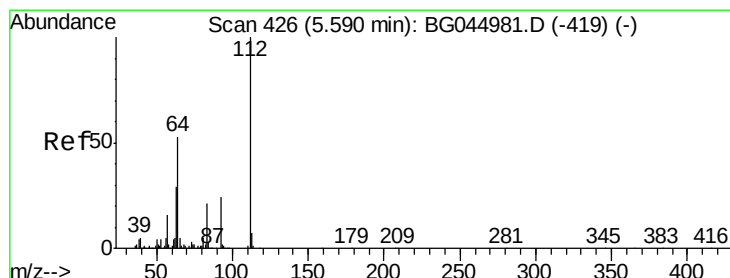
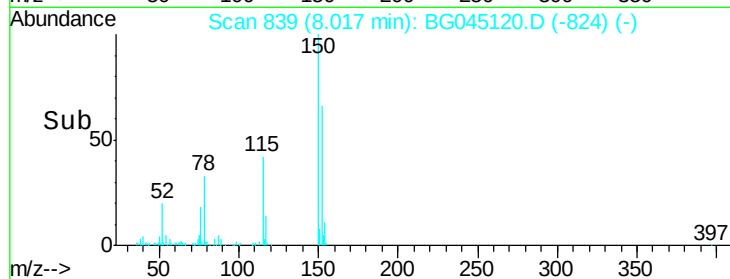
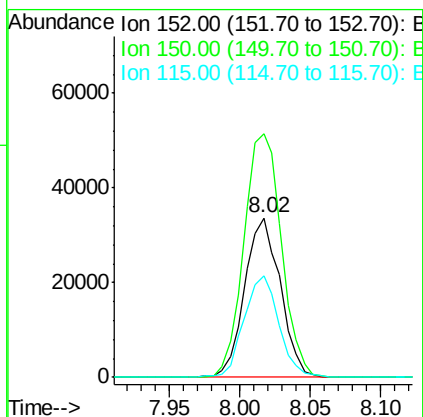
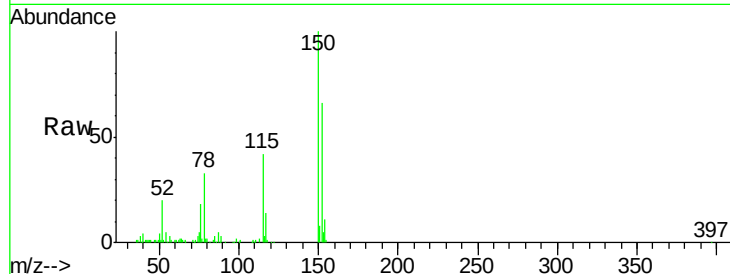


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG045120.D
 Acq: 21 Apr 2020 20:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

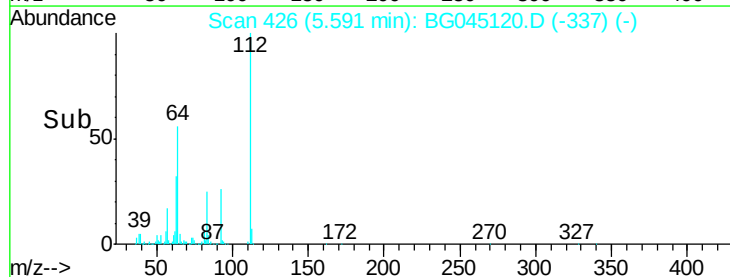
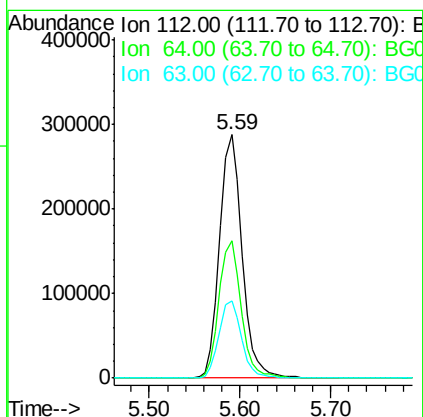
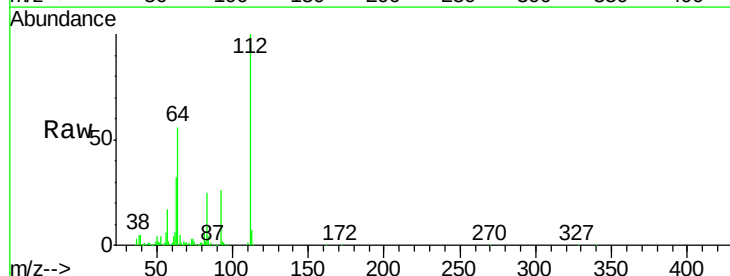
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	63.8	49.1	73.7

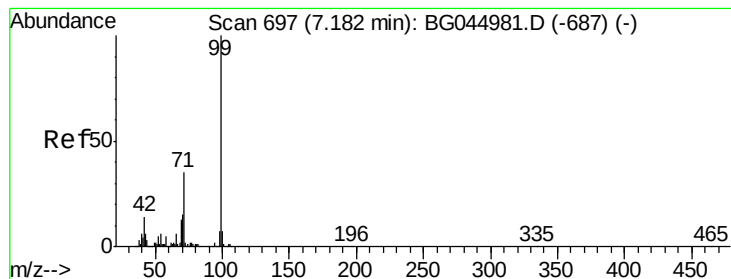


#5

2-Fluorophenol
 Concen: 137.675 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BG045120.D
 Acq: 21 Apr 2020 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	42.4	63.6
63	31.6	23.1	34.7





#7

Phenol-d6

Concen: 126.982 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG045120.D

Acq: 21 Apr 2020 20:37

Instrument :

BNA_G

ClientSampled :

TP-8

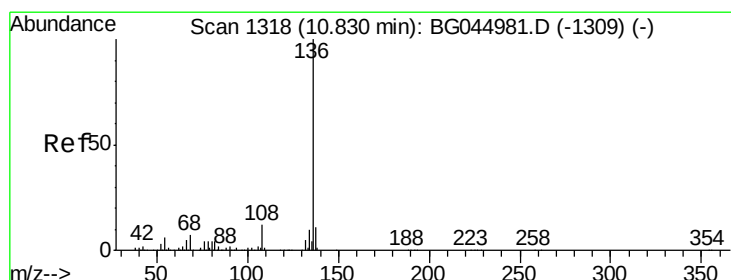
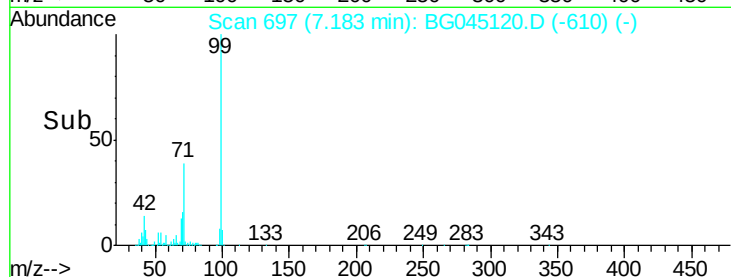
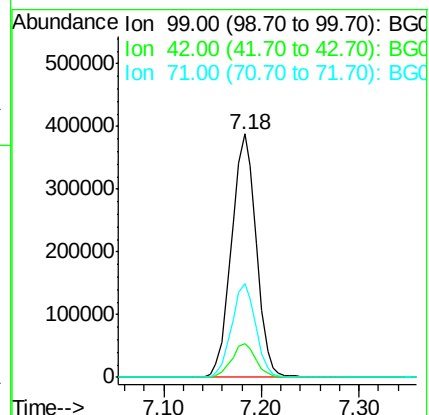
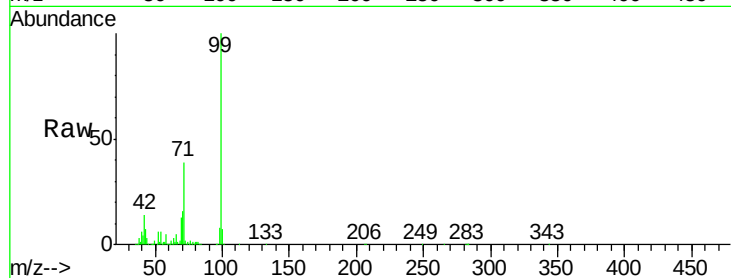
Tot Ion: 99 Resp: 680970

Ion Ratio Lower Upper

99 100

42 13.6 11.3 16.9

71 38.6 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045120.D

Acq: 21 Apr 2020 20:37

Tgt Ion: 136 Resp: 245839

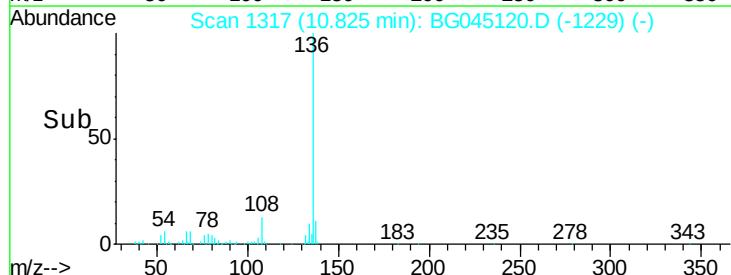
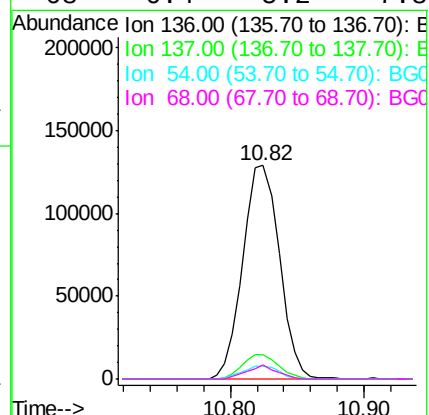
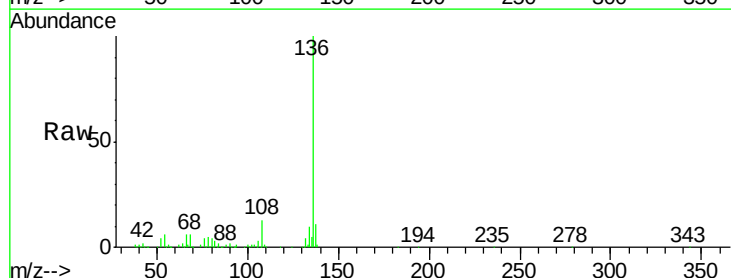
Ion Ratio Lower Upper

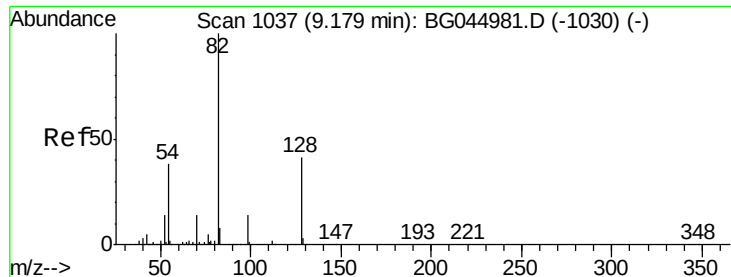
136 100

137 11.4 8.6 13.0

54 6.1 4.8 7.2

68 6.4 5.2 7.8

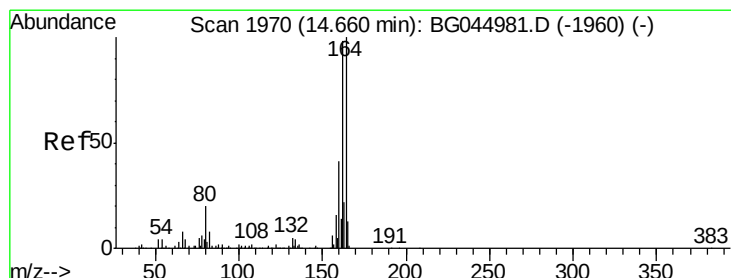
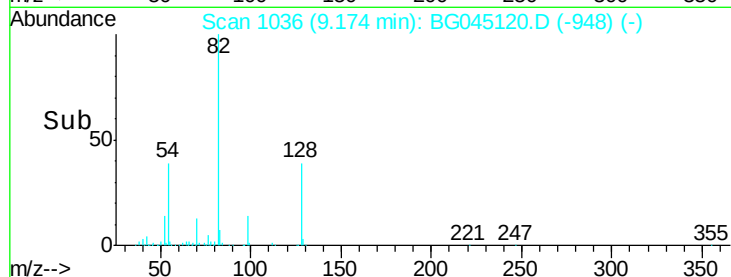
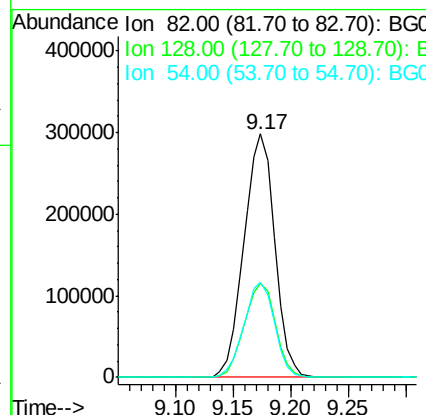
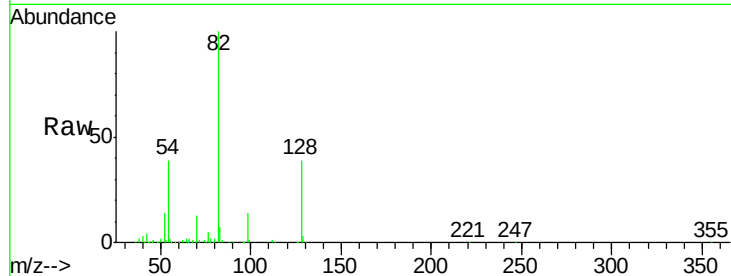




#23
 Nitrobenzene-d5
 Concen: 102.480 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045120.D
 Acq: 21 Apr 2020 20:37

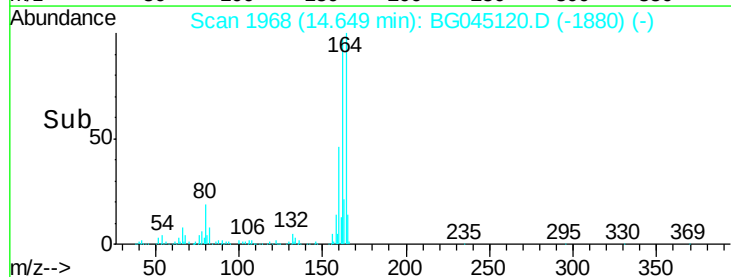
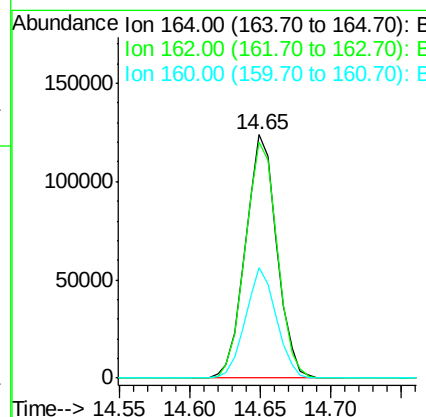
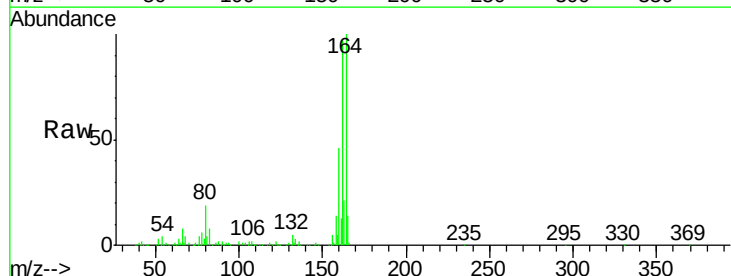
Instrument :
 BNA_G
 ClientSampleId :
 TP-8

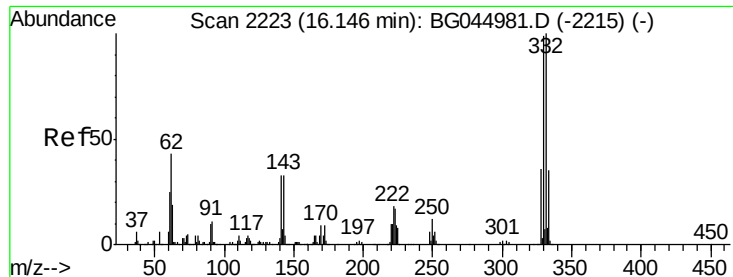
Tot Ion	82	Resp	552143
Ion Ratio	Lower	Upper	
82	100		
128	38.8	33.0	49.4
54	38.8	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG045120.D
 Acq: 21 Apr 2020 20:37

Tgt Ion	164	Resp	193209
Ion Ratio	Lower	Upper	
164	100		
162	96.8	78.7	118.1
160	45.5	32.8	49.2

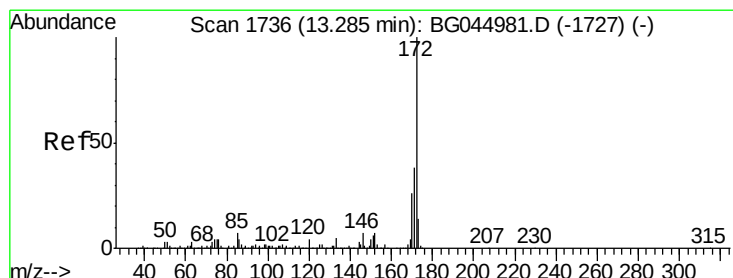
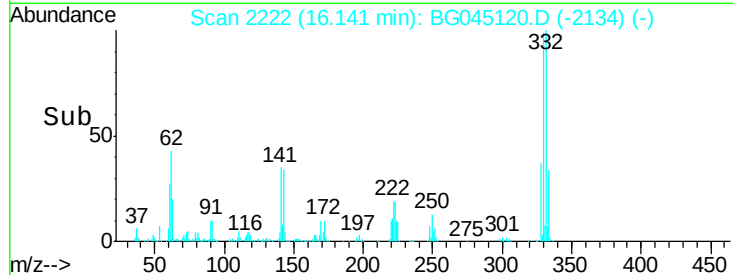
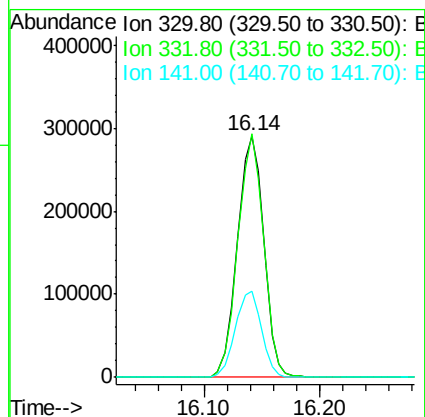
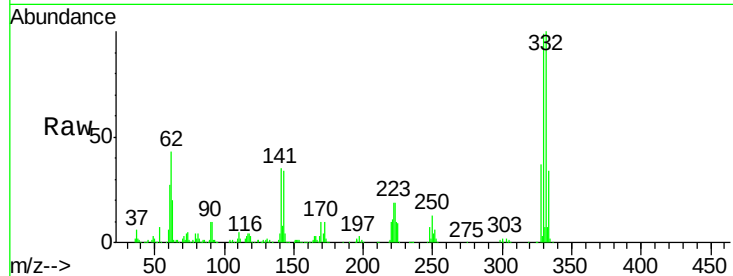




#42
 2,4,6-Tribromophenol
 Concen: 154.545 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045120.D
 Acq: 21 Apr 2020 20:37

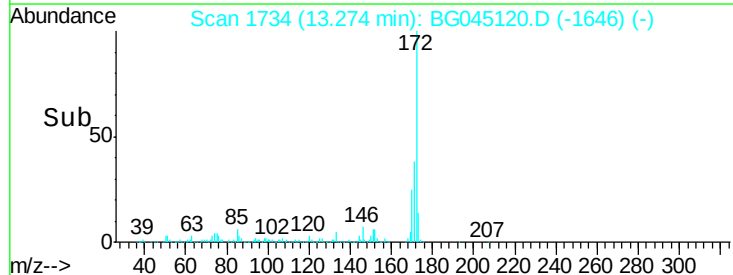
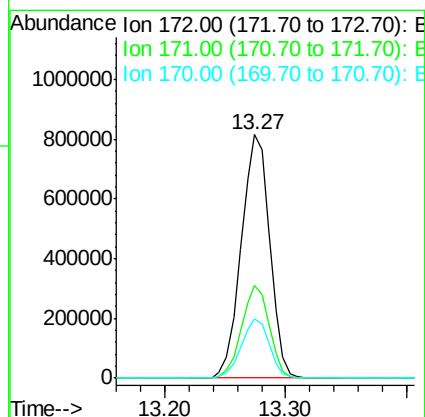
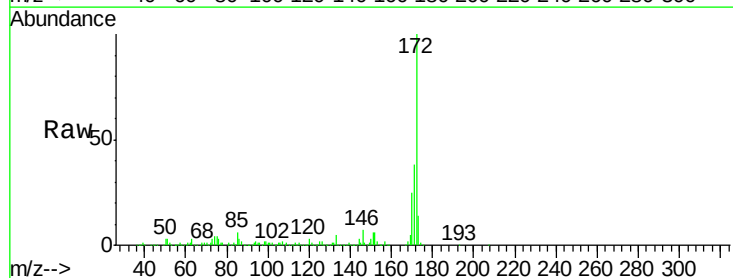
Instrument :
 BNA_G
 ClientSampleId :
 TP-8

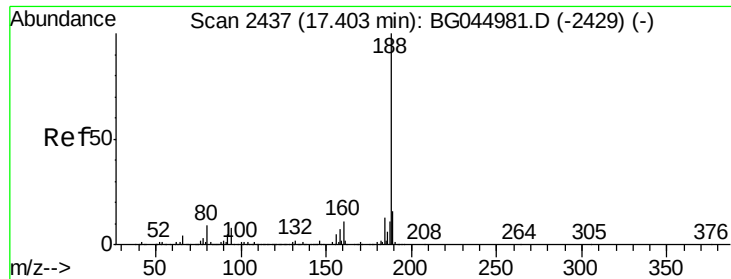
Tot Ion:	330	Resp:	461290
Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.1	118.7
141	35.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 101.401 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045120.D
 Acq: 21 Apr 2020 20:37

Tgt Ion:	172	Resp:	1336104
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.6	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045120.D

Acq: 21 Apr 2020 20:37

Instrument :

BNA_G

ClientSampleId :

TP-8

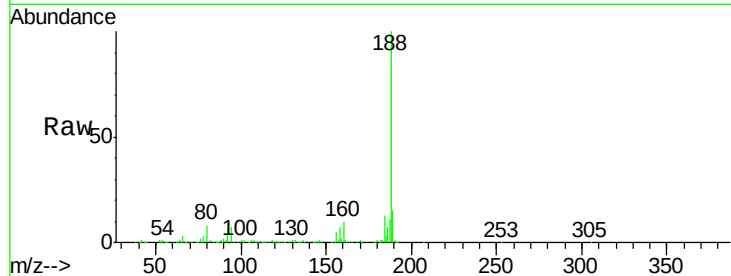
Tot Ion:188 Resp: 481310

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.4

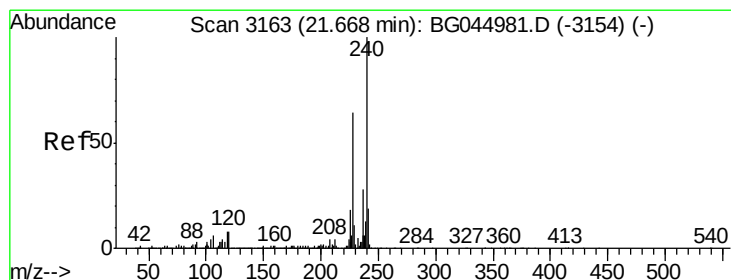
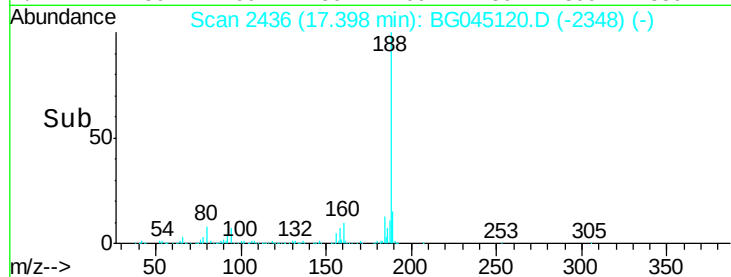
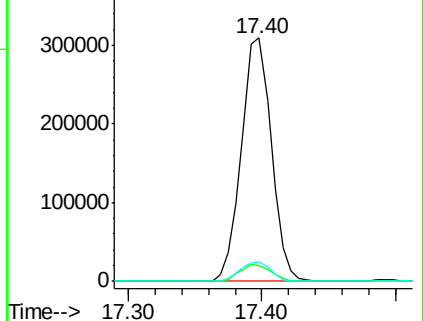
80 8.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG045120.D

Acq: 21 Apr 2020 20:37

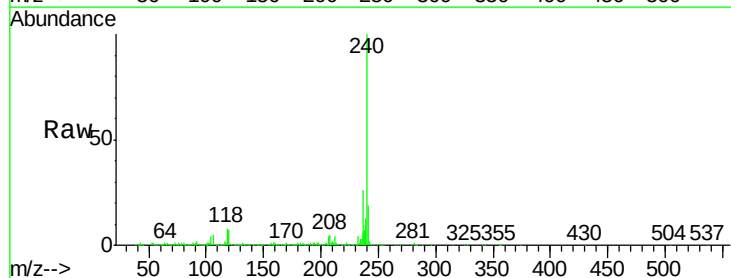
Tgt Ion:240 Resp: 468381

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

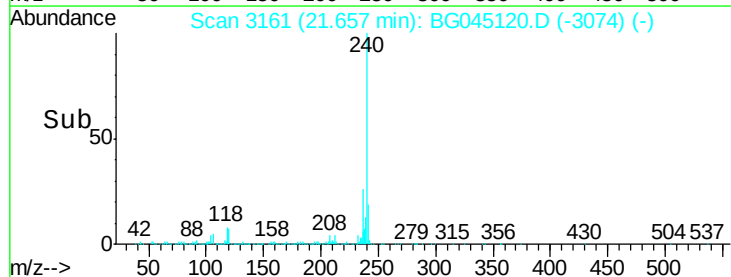
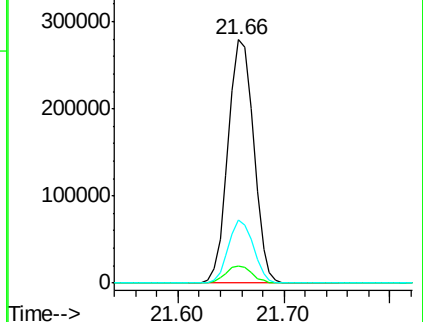
236 25.7 22.2 33.2

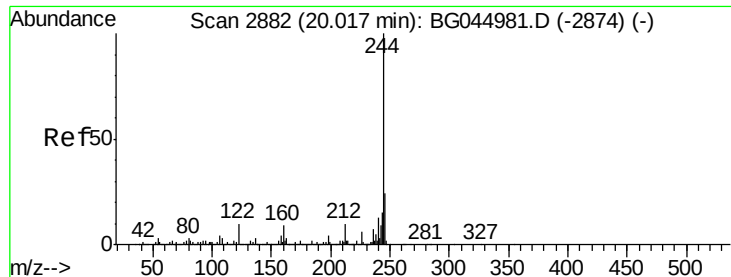


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.018 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045120.D

Acq: 21 Apr 2020 20:37

Instrument :

BNA_G

ClientSampleId :

TP-8

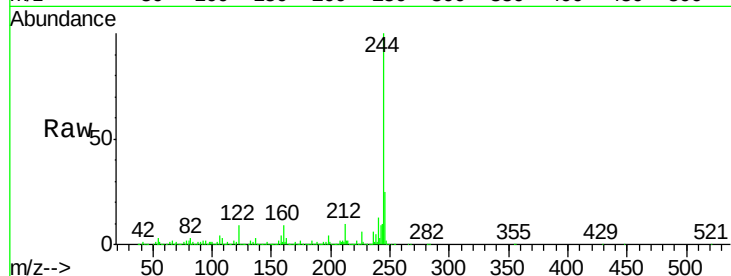
Tot Ion:244 Resp: 2299781

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

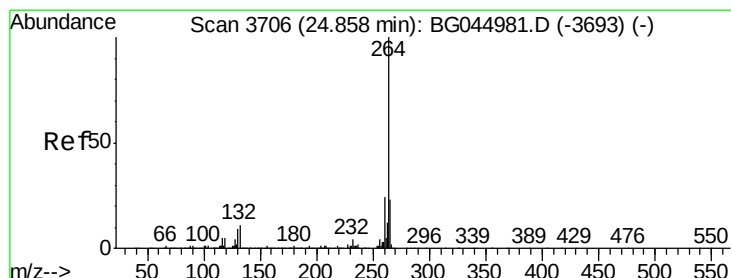
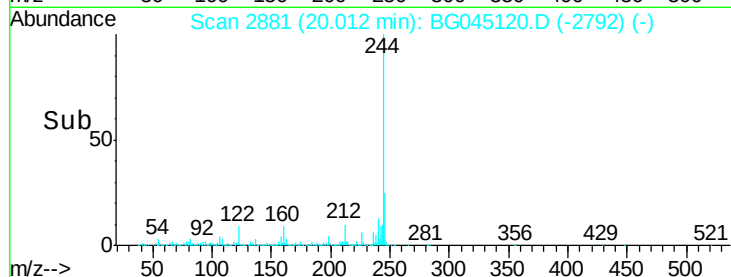
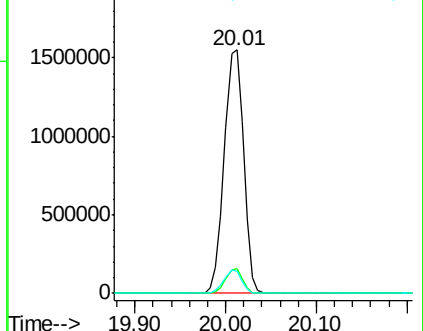
122 8.9 7.7 11.5



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. -0.02 min

Lab File: BG045120.D

Acq: 21 Apr 2020 20:37

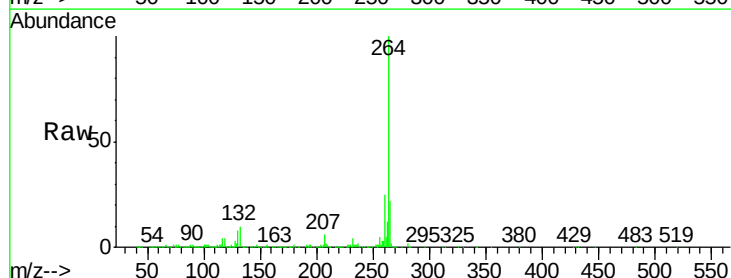
Tgt Ion:264 Resp: 507909

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.0 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

