

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045912.D
 Acq On : 2 Jul 2020 13:24
 Operator : CG/JU
 Sample : L3153-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-B

Quant Time: Jul 02 14:15:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	57655	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	213483	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	143451	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	325645	20.00	ng	0.00
76) Chrysene-d12	21.51	240	340522	20.00	ng	0.00
86) Perylene-d12	24.59	264	347176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	432338	126.67	ng	0.00
7) Phenol-d6	7.07	99	525905	101.30	ng	0.00
23) Nitrobenzene-d5	9.02	82	491675	105.21	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	325355	150.23	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1050902	107.66	ng	0.00
79) Terphenyl-d14	19.89	244	1790870	106.58	ng	0.00

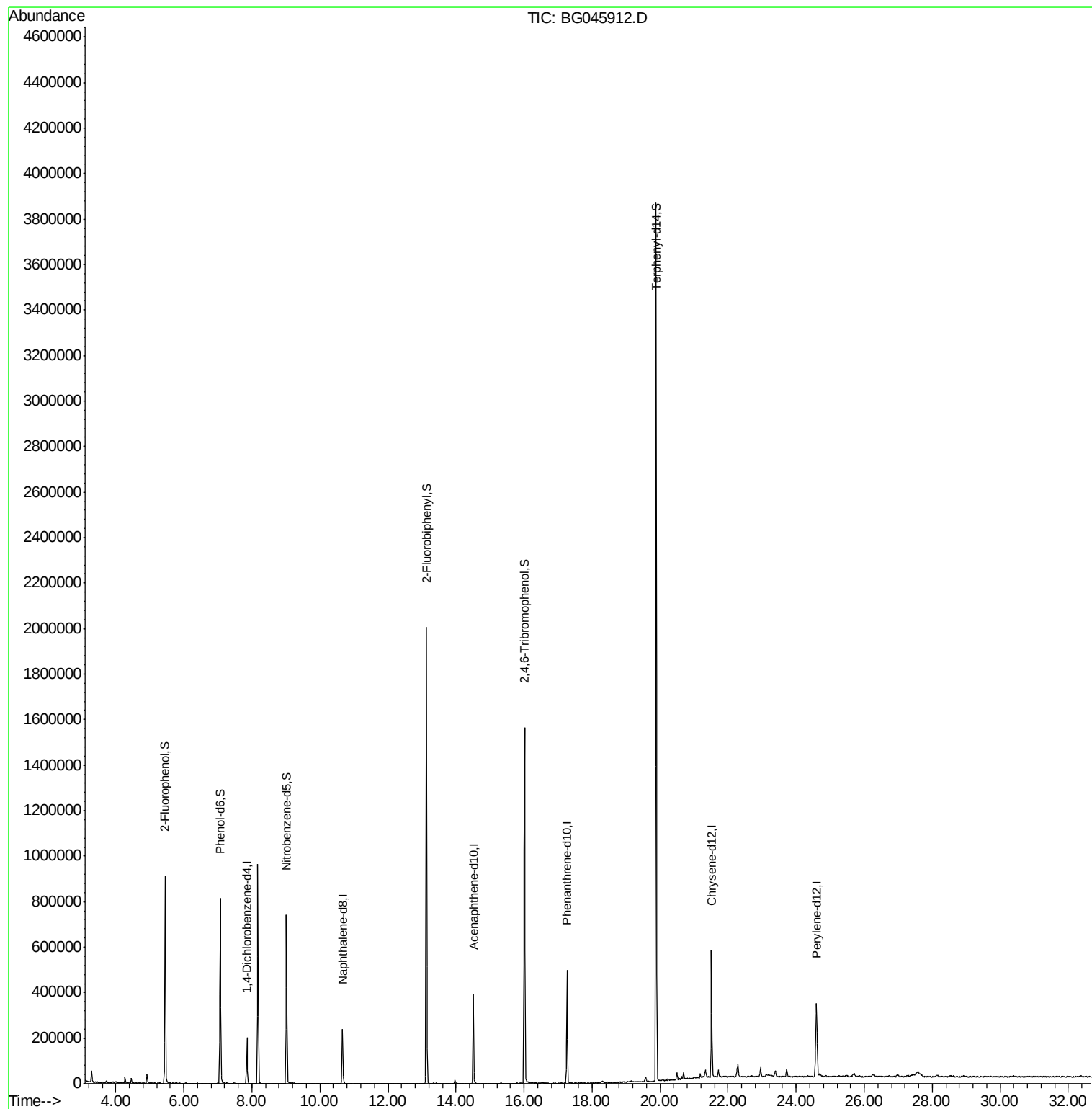
Target Compounds Qvalue

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

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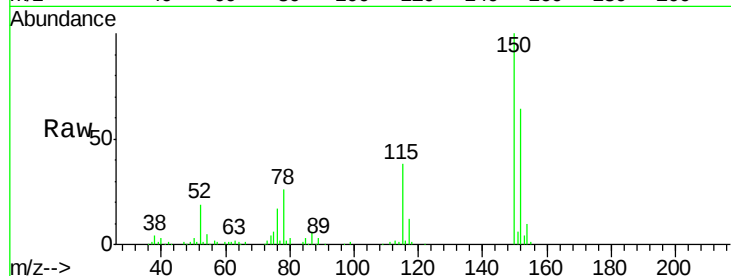


#1

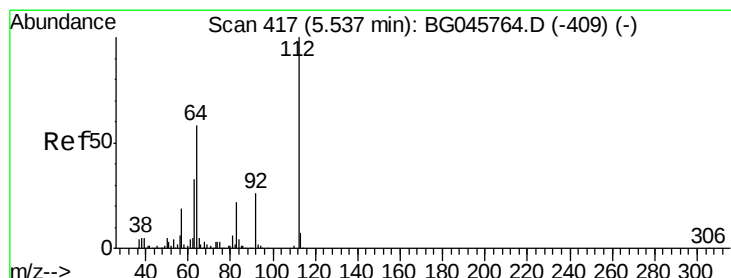
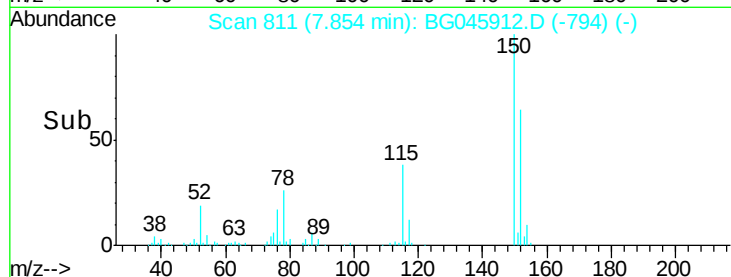
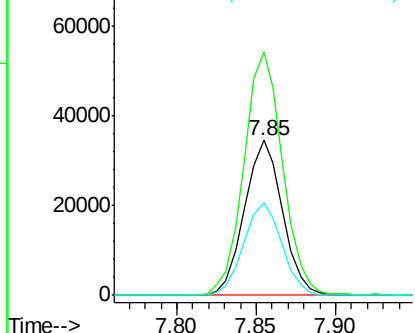
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045912.D
Acq: 2 Jul 2020 13:24

Instrument :
BNA_G
ClientSampleId :
SP2-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	59.8	45.8	68.8



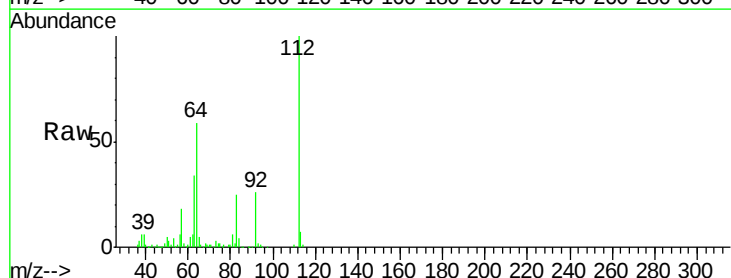
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



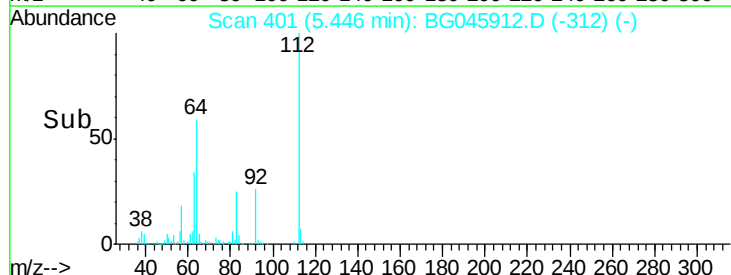
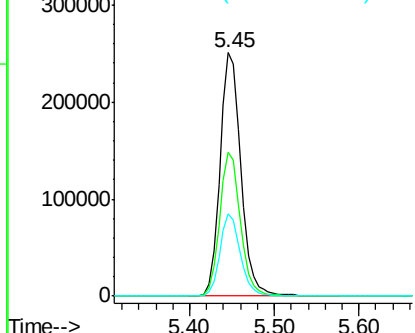
#5

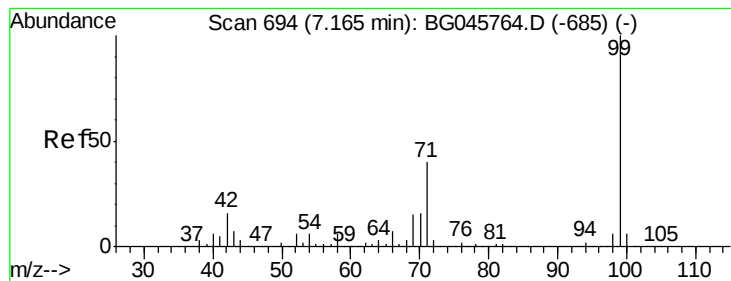
2-Fluorophenol
Concen: 126.671 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045912.D
Acq: 2 Jul 2020 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.9	67.3
63	33.8	26.9	40.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.299 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045912.D

Acq: 2 Jul 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SP2-B

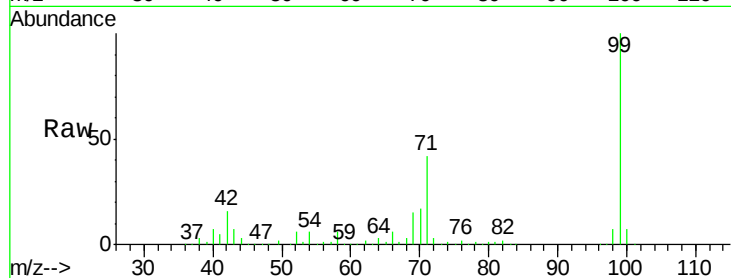
Tot Ion: 99 Resp: 525905

Ion Ratio Lower Upper

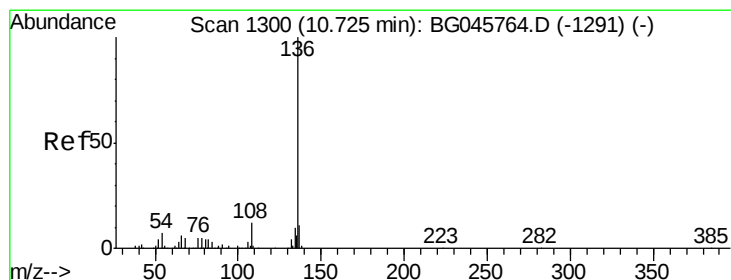
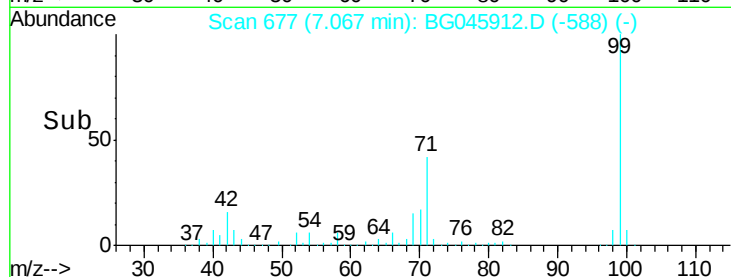
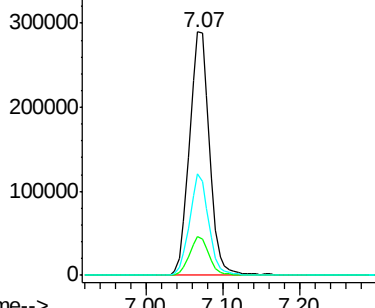
99 100

42 16.0 11.8 17.8

71 41.6 31.0 46.6



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: 10.66 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG045912.D

Acq: 2 Jul 2020 13:24

Tgt Ion: 136 Resp: 213483

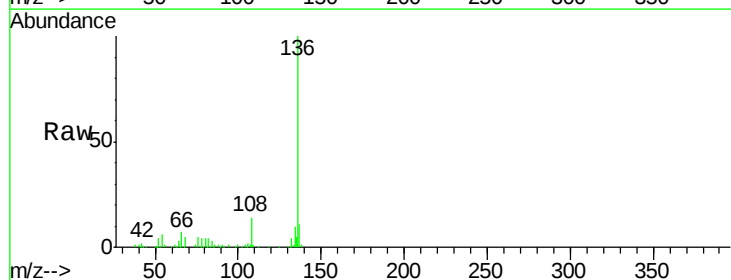
Ion Ratio Lower Upper

136 100

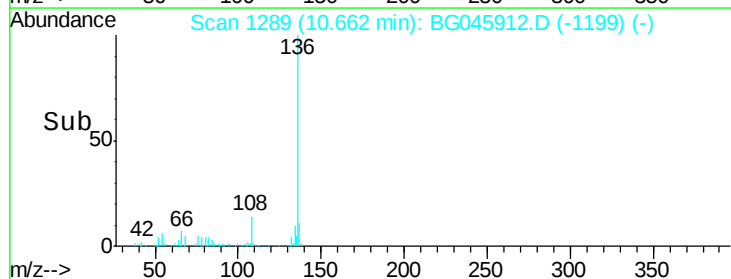
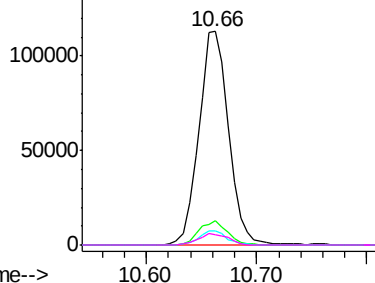
137 11.4 8.2 12.4

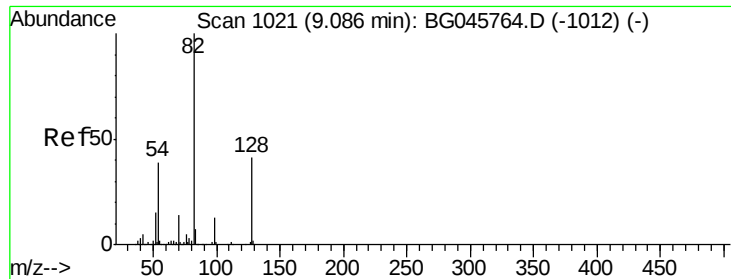
54 6.5 4.6 7.0

68 5.0 5.0 7.4



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

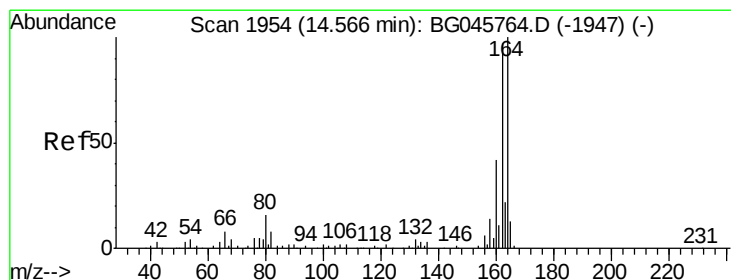
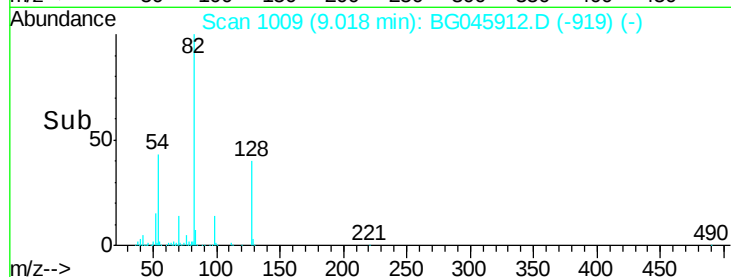
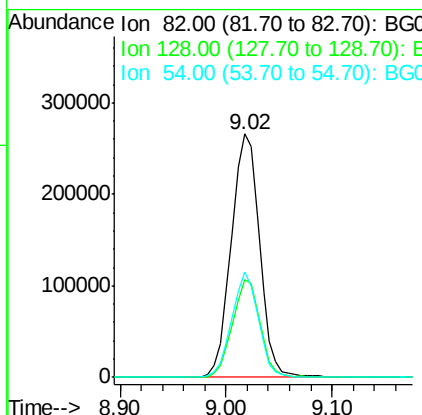
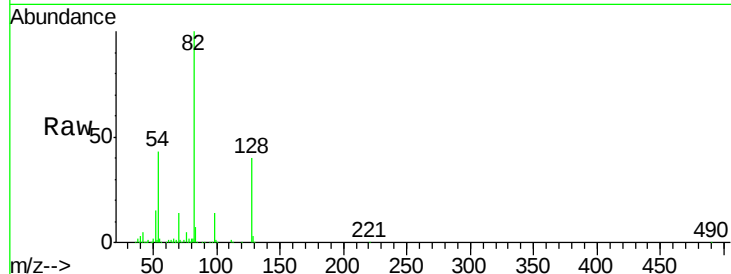




#23
Nitrobenzene-d5
Concen: 105.214 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG045912.D
Acq: 2 Jul 2020 13:24

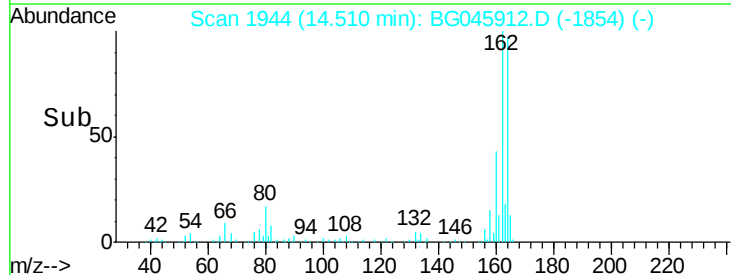
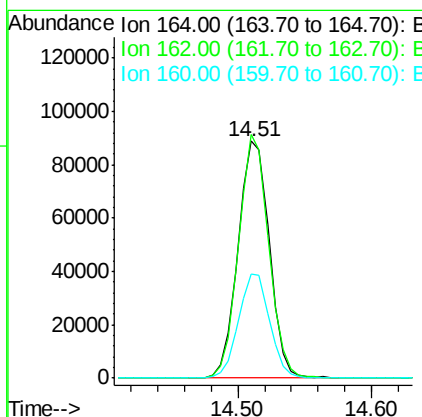
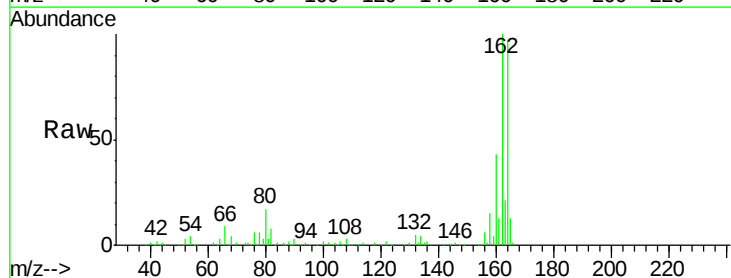
Instrument :
BNA_G
ClientSampleId :
SP2-B

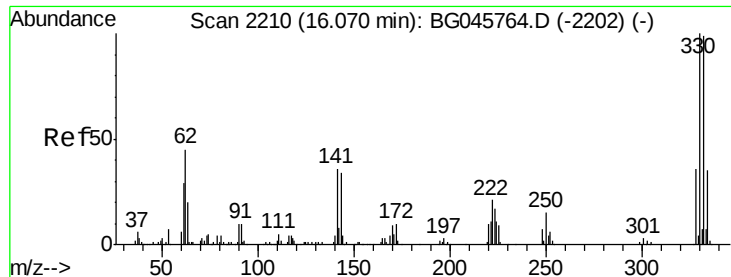
Tot Ion: 82 Resp: 491675
Ion Ratio Lower Upper
82 100
128 40.0 29.9 44.9
54 43.1 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045912.D
Acq: 2 Jul 2020 13:24

Tgt Ion: 164 Resp: 143451
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.2 33.8 50.6





#42

2,4,6-Tribromophenol

Concen: 150.228 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG045912.D

Acq: 2 Jul 2020 13:24

Instrument :

BNA_G

ClientSampled :

SP2-B

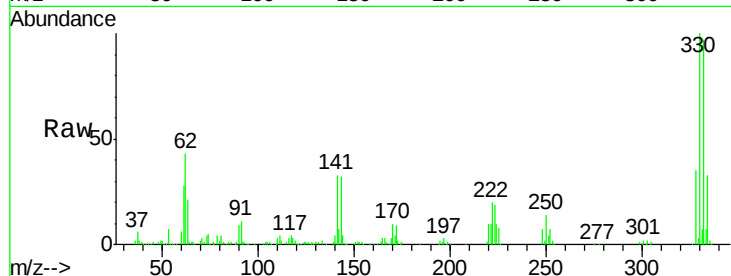
Tot Ion:330 Resp: 325355

Ion Ratio Lower Upper

330 100

332 95.9 79.4 119.0

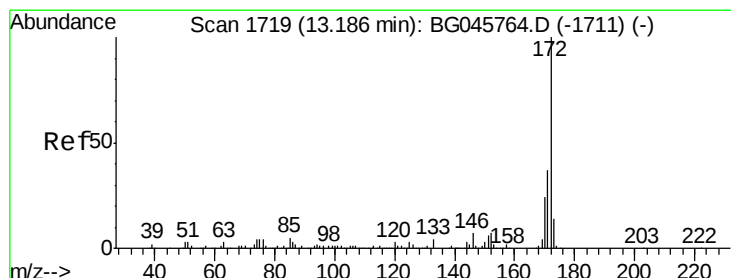
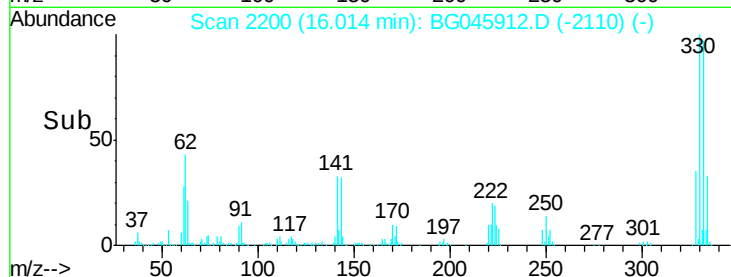
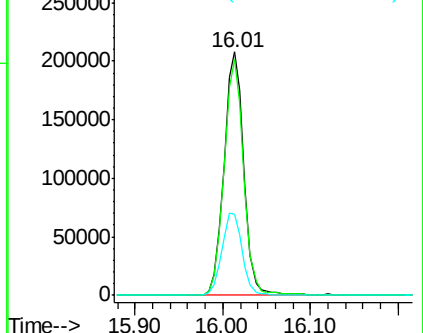
141 34.6 28.2 42.2



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: 107.658 ng

RT: 13.13 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG045912.D

Acq: 2 Jul 2020 13:24

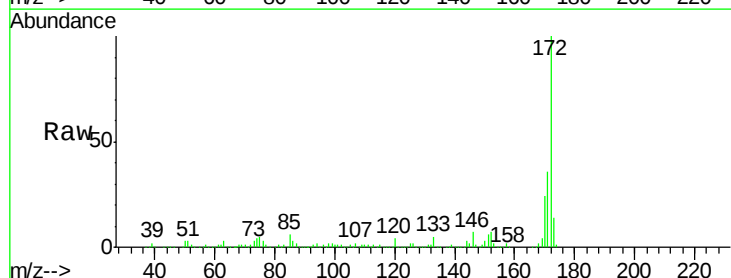
Tgt Ion:172 Resp: 1050902

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

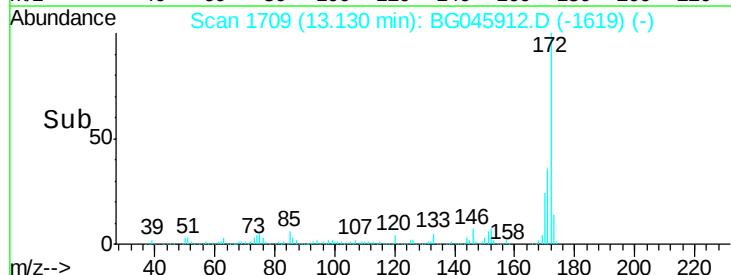
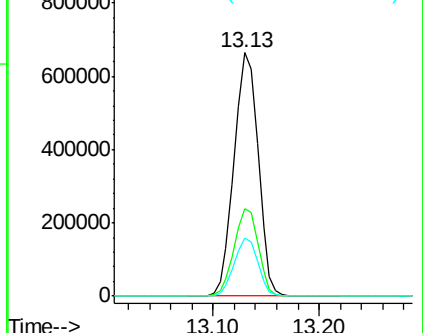
170 23.8 18.9 28.3

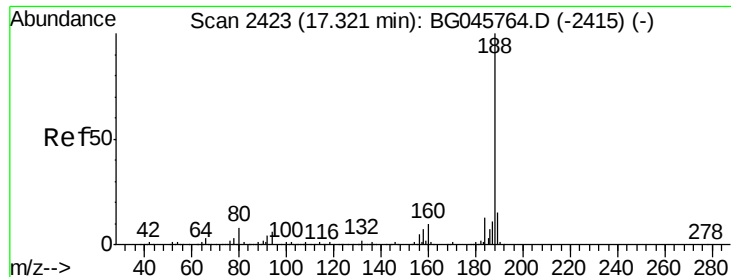


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

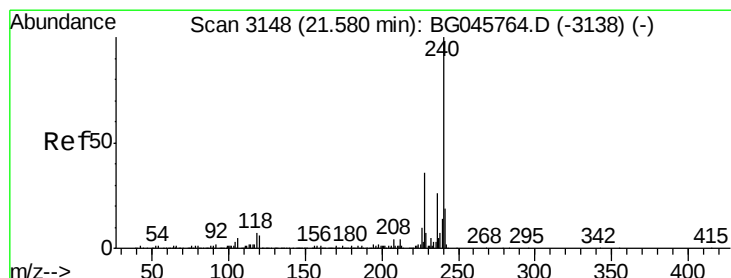
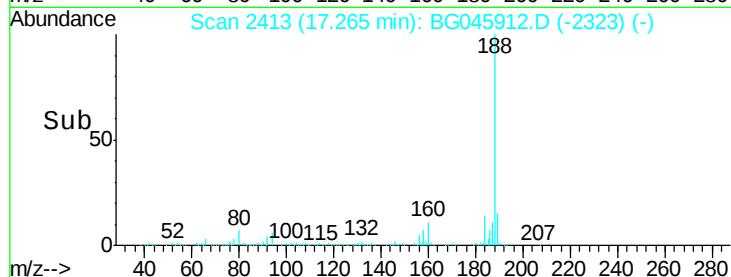
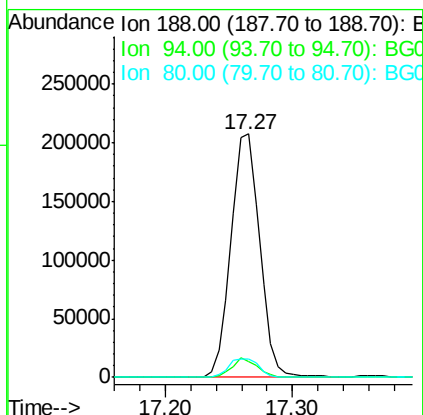
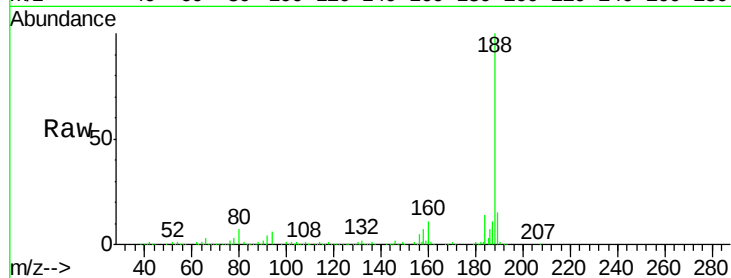




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045912.D
Acq: 2 Jul 2020 13:24

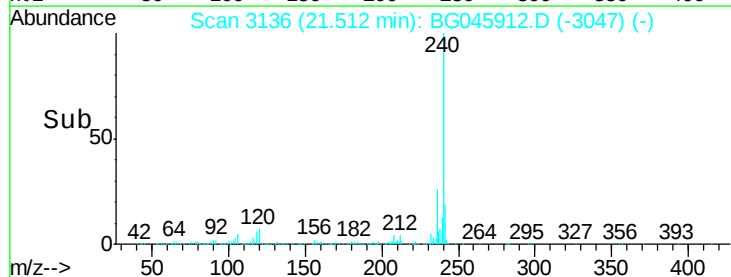
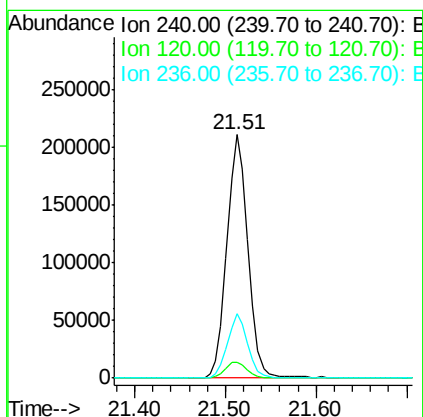
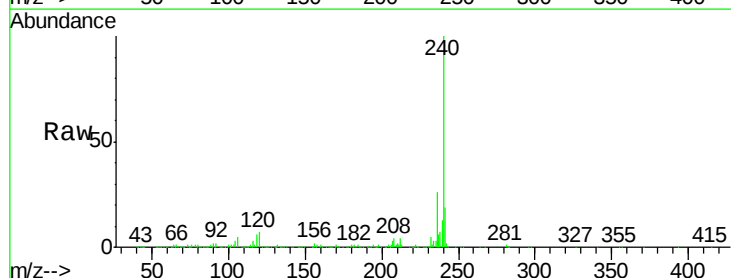
Instrument :
BNA_G
ClientSampleId :
SP2-B

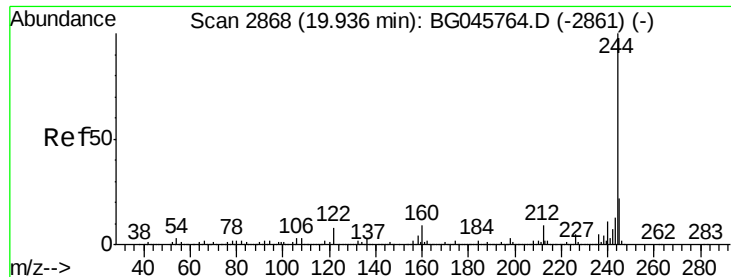
Tot Ion:188 Resp: 325645
Ion Ratio Lower Upper
188 100
94 6.4 5.5 8.3
80 7.3 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045912.D
Acq: 2 Jul 2020 13:24

Tgt Ion:240 Resp: 340522
Ion Ratio Lower Upper
240 100
120 6.7 5.2 7.8
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 106.582 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045912.D

Acq: 2 Jul 2020 13:24

Instrument :

BNA_G

ClientSampleId :

SP2-B

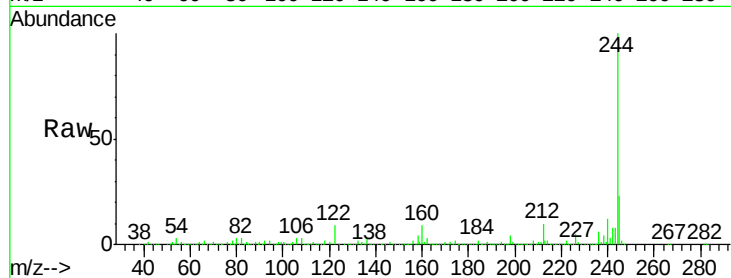
Tot Ion:244 Resp: 1790870

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

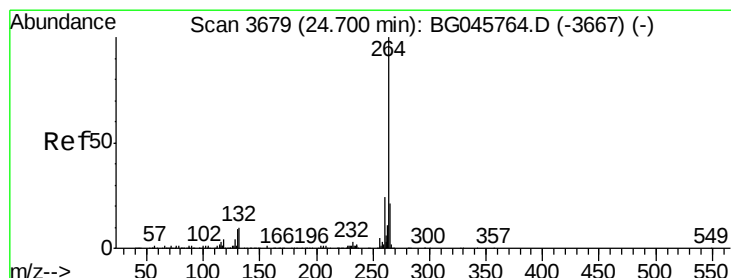
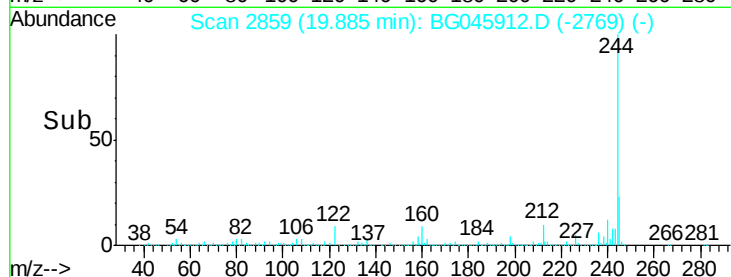
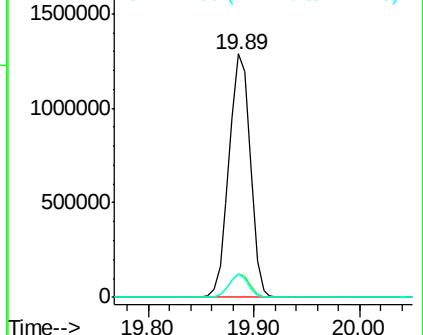
122 9.5 6.6 9.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045912.D

Acq: 2 Jul 2020 13:24

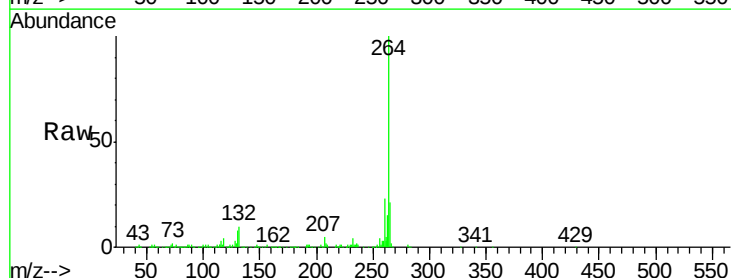
Tgt Ion:264 Resp: 347176

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.4 16.4 24.6



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

