

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
 Data File : BG045858.D
 Acq On : 25 Jun 2020 15:26
 Operator : CG/JU
 Sample : PB129759BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129759BL

Quant Time: Jun 25 16:02:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	61907	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	240754	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	172173	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	393082	20.00	ng	0.00
76) Chrysene-d12	21.57	240	417994	20.00	ng	0.00
86) Perylene-d12	24.69	264	442654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444784	121.37	ng	0.00
7) Phenol-d6	7.13	99	618269	110.91	ng	0.00
23) Nitrobenzene-d5	9.08	82	436652	82.86	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	299632	115.27	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	981575	83.78	ng	0.00
79) Terphenyl-d14	19.93	244	1770853	85.86	ng	0.00

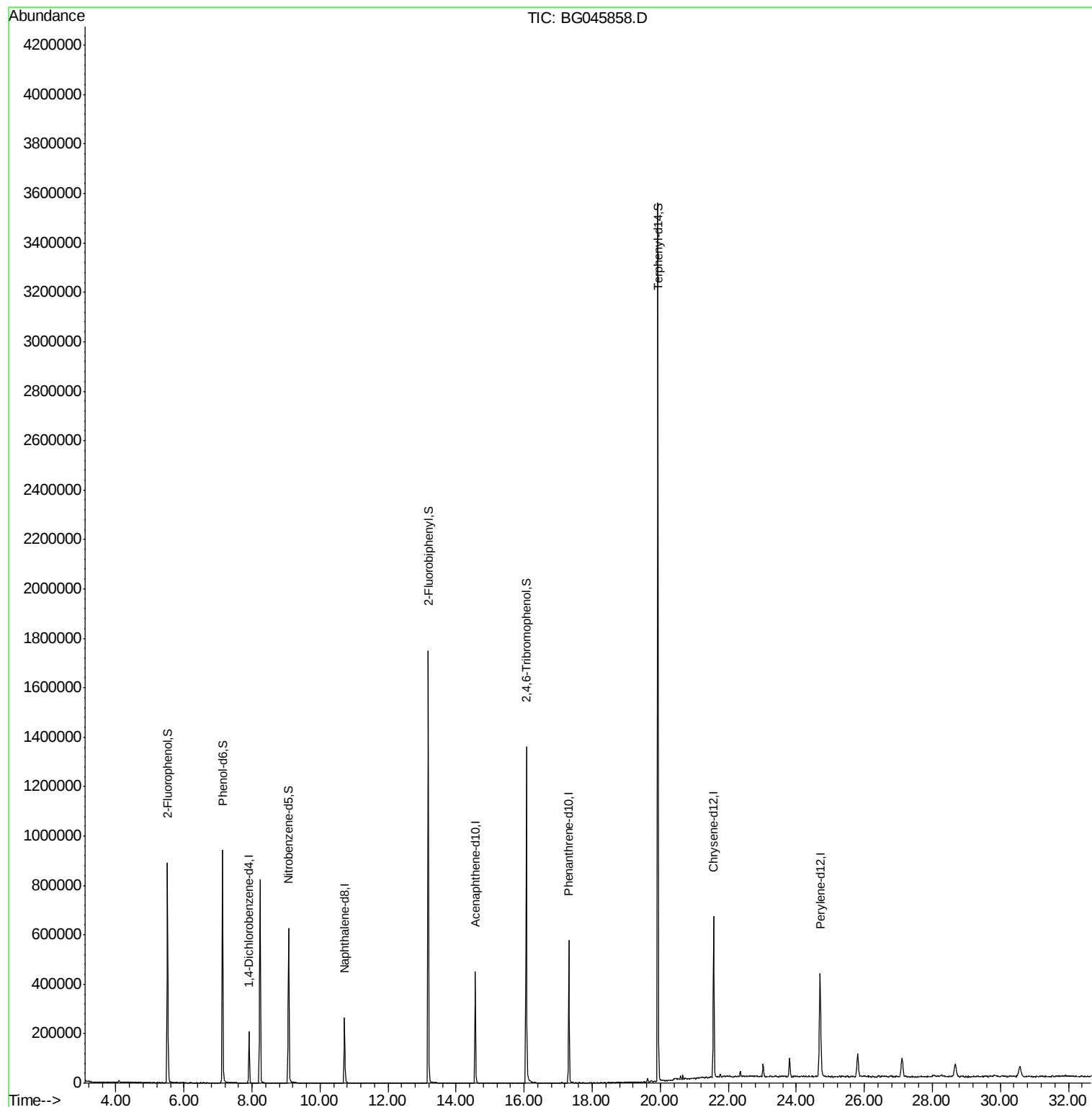
Target Compounds Qvalue

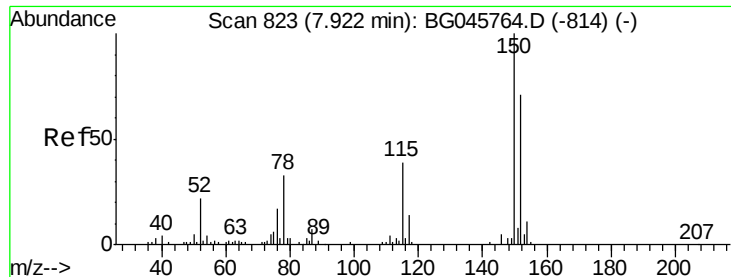
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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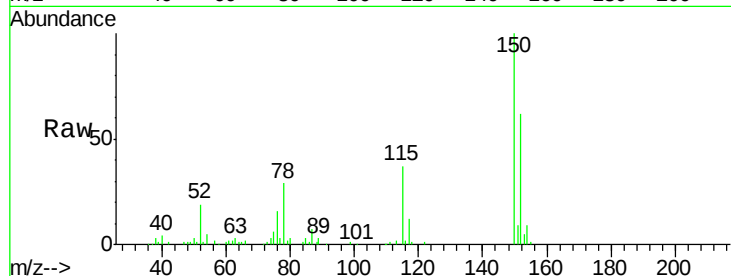


#1

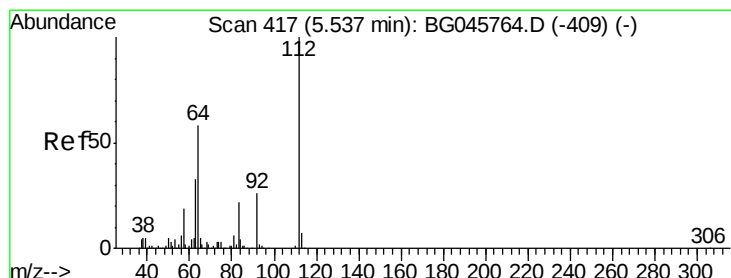
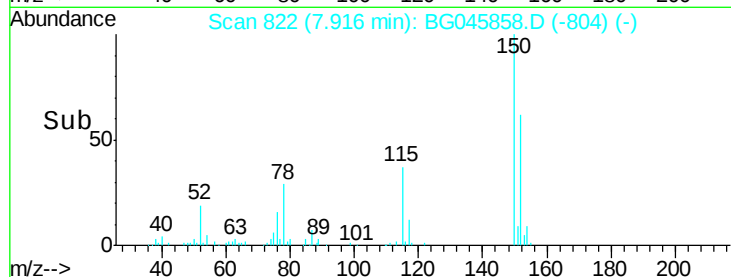
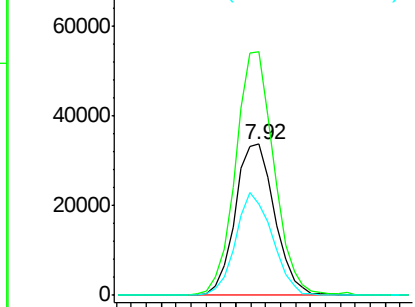
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PB129759BL

Tot Ion:152 Resp: 61907
Ion Ratio Lower Upper
152 100
150 160.9 113.1 169.7
115 60.3 43.8 65.6



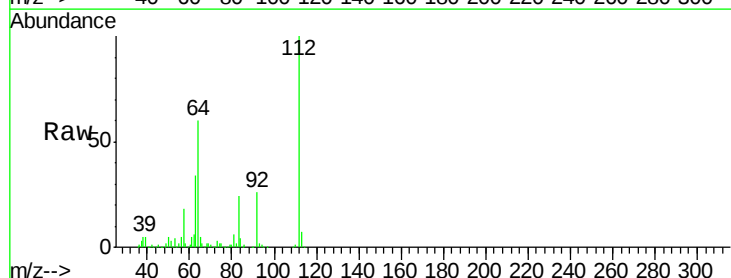
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



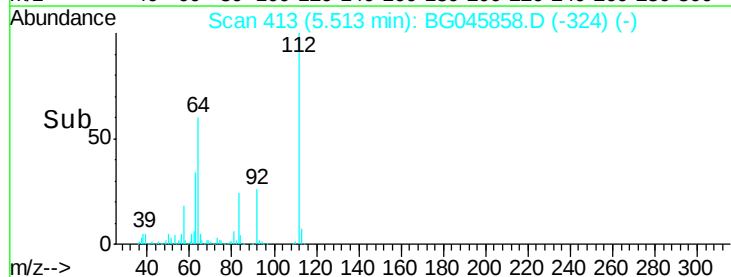
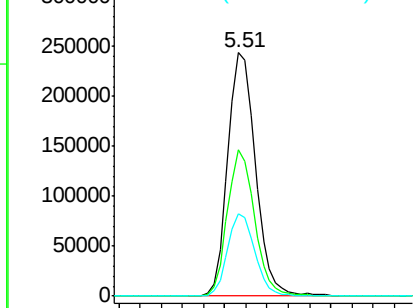
#5

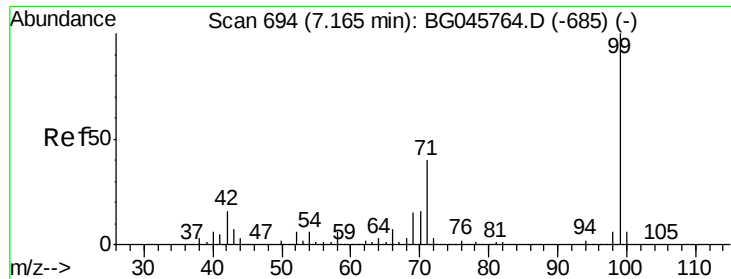
2-Fluorophenol
Concen: 121.367 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Tgt Ion:112 Resp: 444784
Ion Ratio Lower Upper
112 100
64 60.4 46.6 69.8
63 33.9 26.3 39.5



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: 110.911 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB129759BL

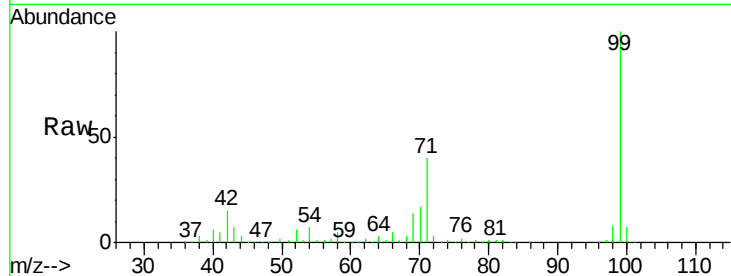
Tot Ion: 99 Resp: 618269

Ion Ratio Lower Upper

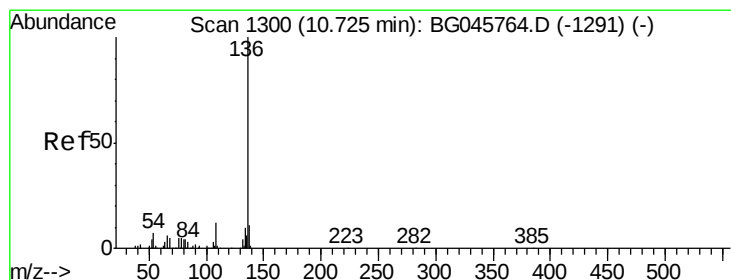
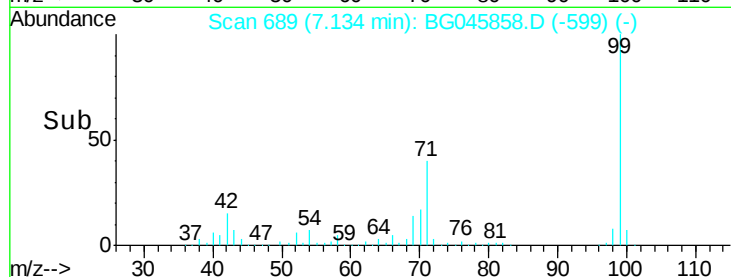
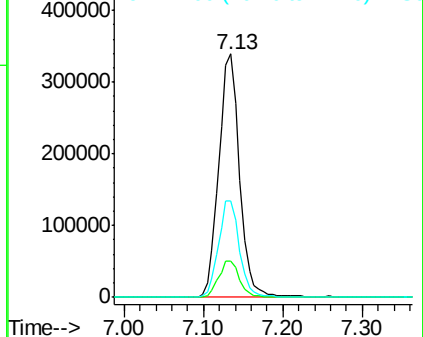
99 100

42 15.0 12.4 18.6

71 39.6 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Tgt Ion: 136 Resp: 240754

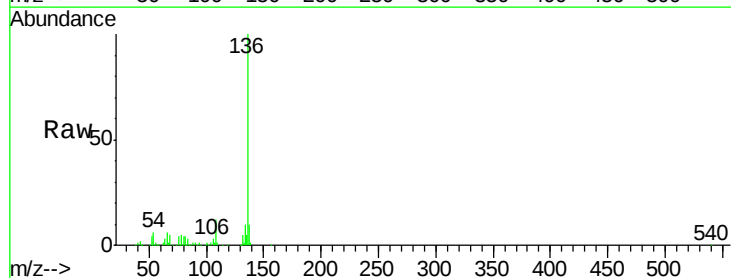
Ion Ratio Lower Upper

136 100

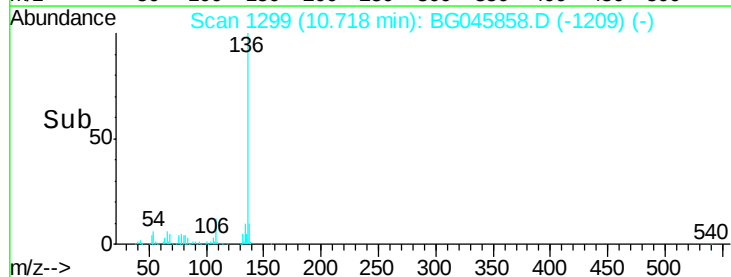
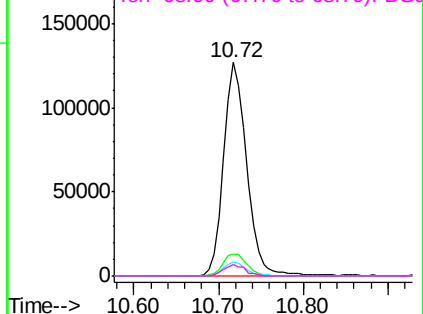
137 10.1 8.7 13.1

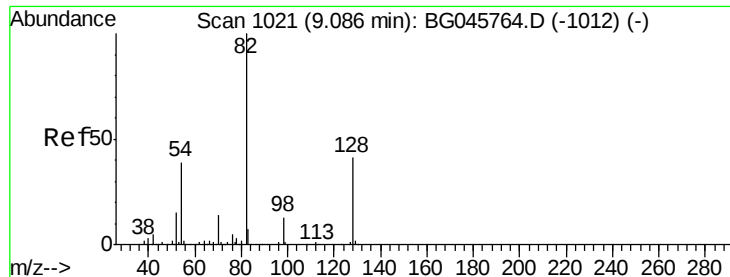
54 6.5 5.8 8.6

68 5.4 4.0 6.0



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

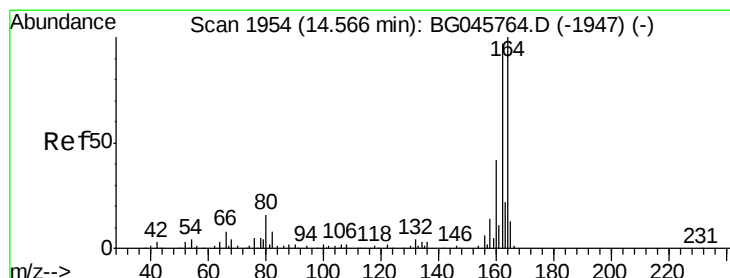
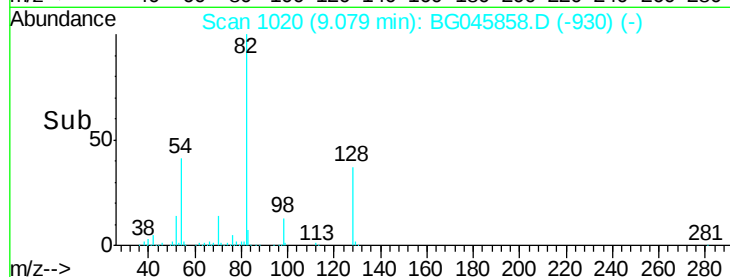
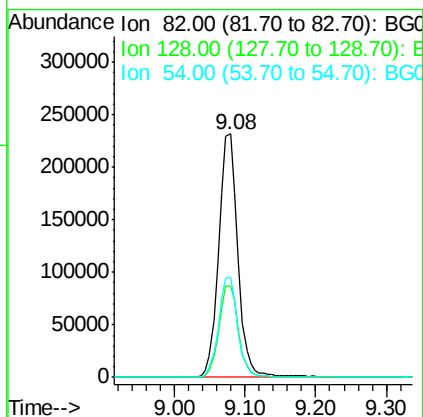
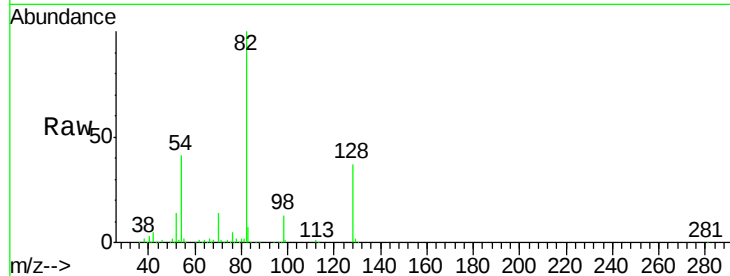




#23
 Nitrobenzene-d5
 Concen: 82.855 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

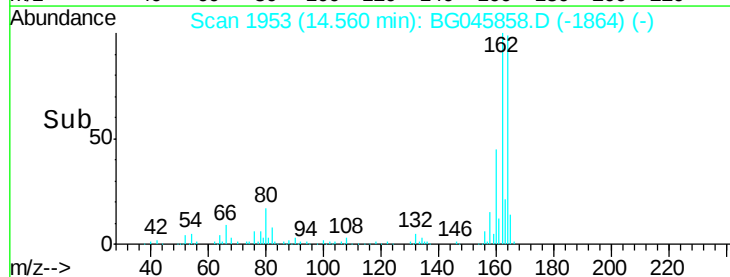
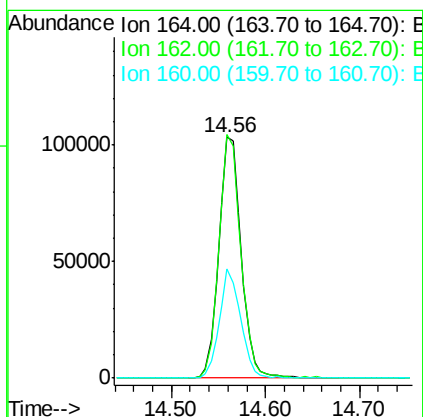
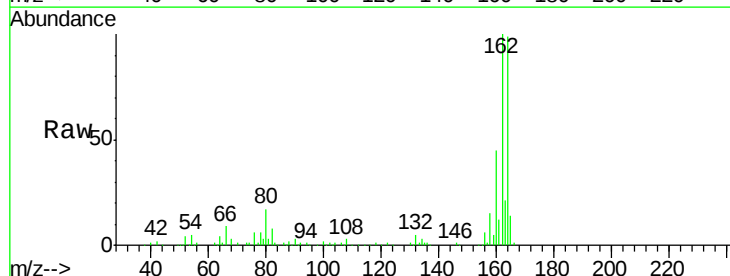
Instrument :
 BNA_G
 ClientSampleId :
 PB129759BL

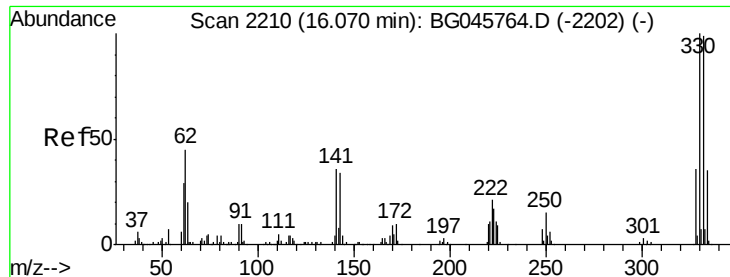
Tot Ion	82	Resp	436652
Ion Ratio	Lower	Upper	
82	100		
128	37.4	32.5	48.7
54	41.0	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG045858.D
 Acq: 25 Jun 2020 15:26

Tgt Ion	164	Resp	172173
Ion Ratio	Lower	Upper	
164	100		
162	101.1	77.4	116.0
160	45.4	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 115.271 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB129759BL

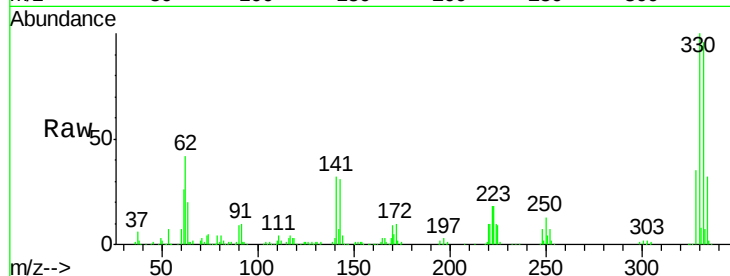
Tot Ion:330 Resp: 299632

Ion Ratio Lower Upper

330 100

332 96.3 78.6 117.8

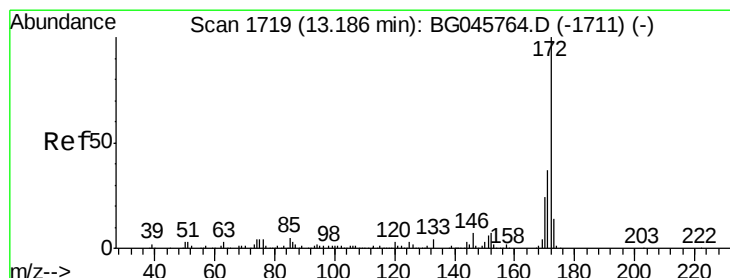
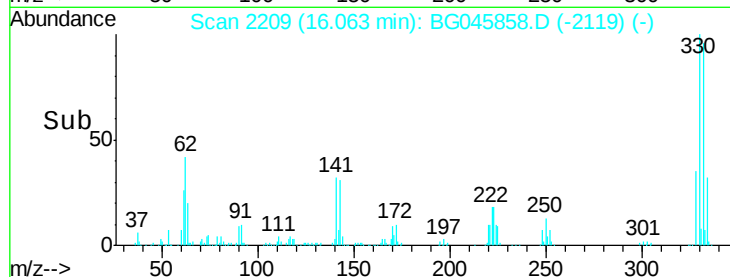
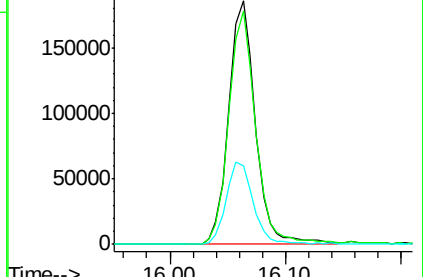
141 34.3 28.2 42.4



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: 83.781 ng

RT: 13.18 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

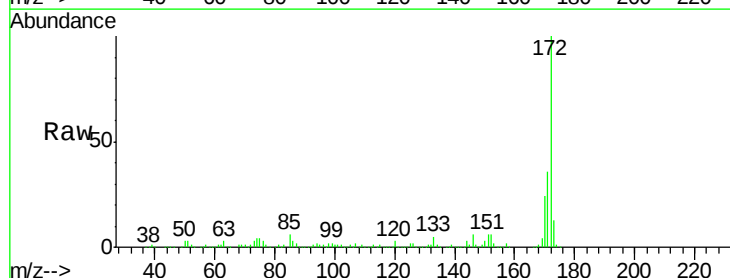
Tgt Ion:172 Resp: 981575

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

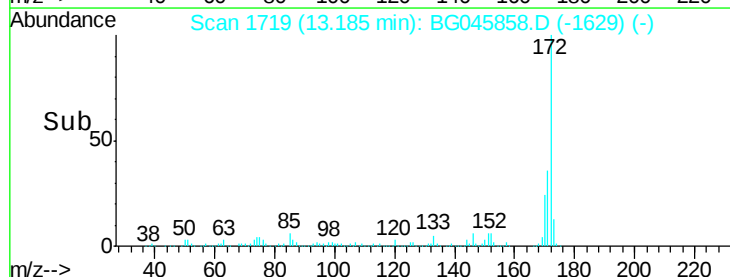
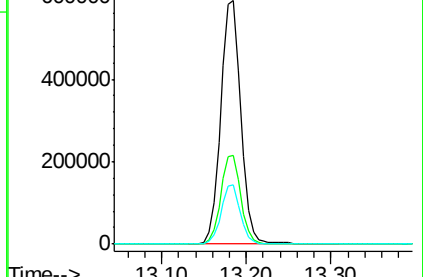
170 24.2 19.3 28.9

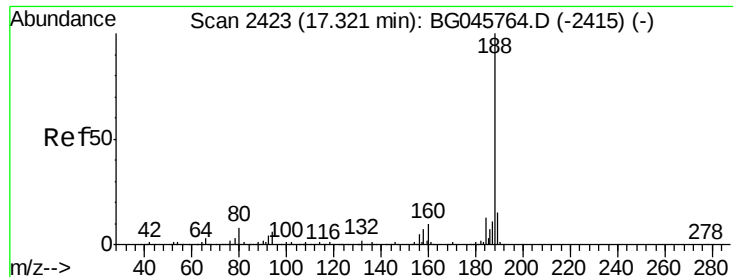


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

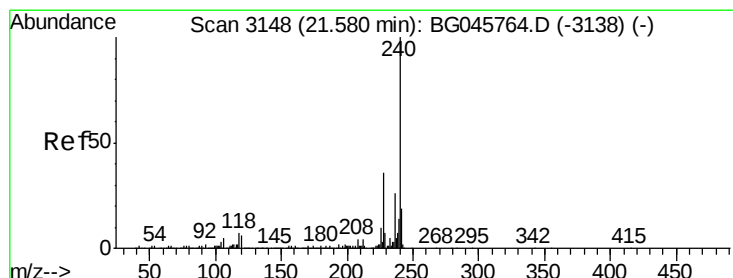
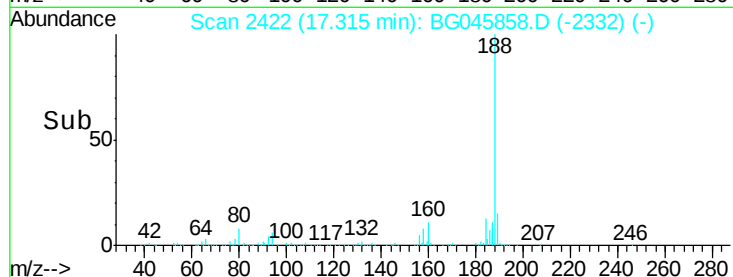
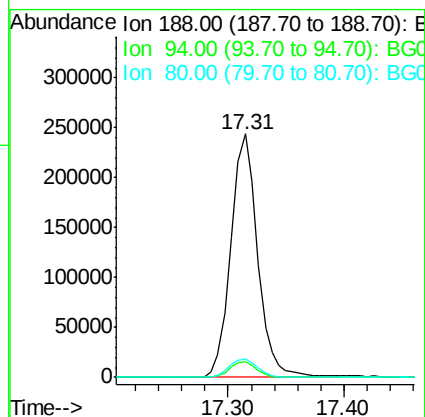
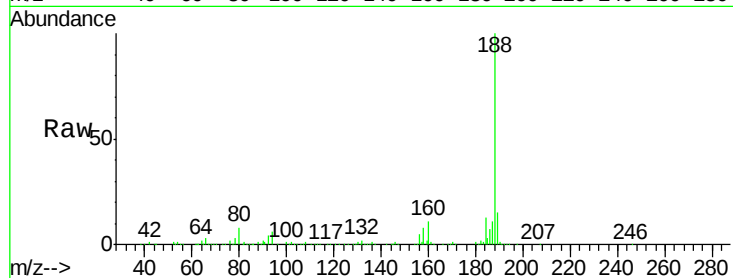




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

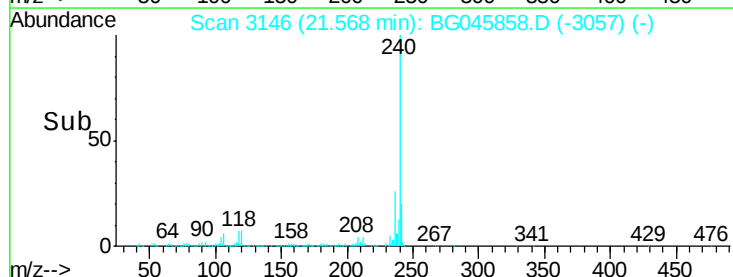
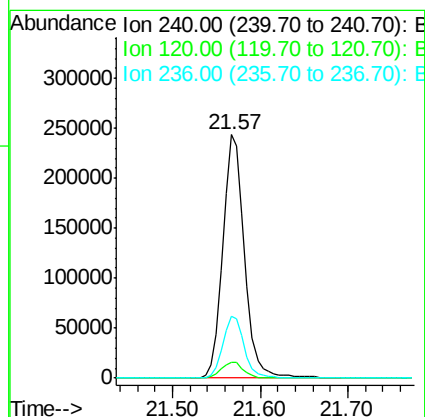
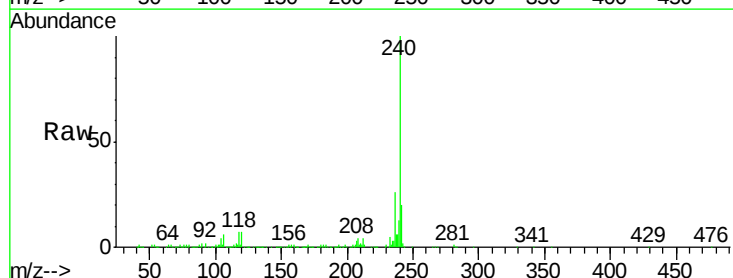
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ClientSampleId :
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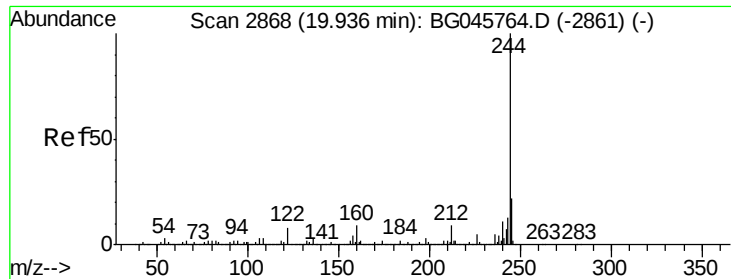
Tot Ion:188 Resp: 393082
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.7 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045858.D
Acq: 25 Jun 2020 15:26

Tgt Ion:240 Resp: 417994
Ion Ratio Lower Upper
240 100
120 6.7 5.0 7.4
236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 85.858 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PB129759BL

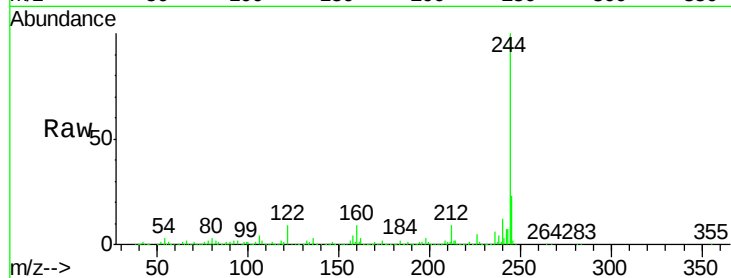
Tot Ion:244 Resp: 1770853

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

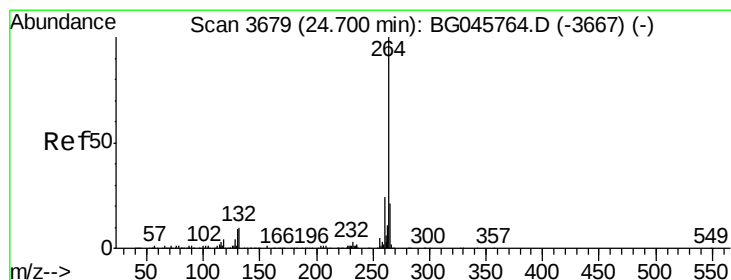
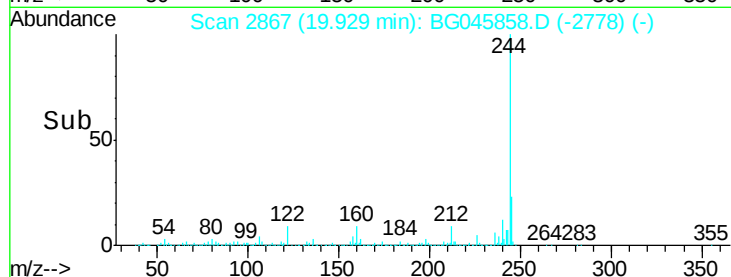
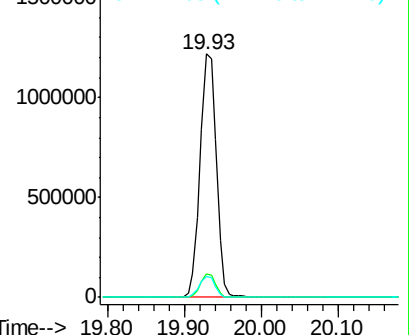
122 8.8 6.4 9.6



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: 24.69 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG045858.D

Acq: 25 Jun 2020 15:26

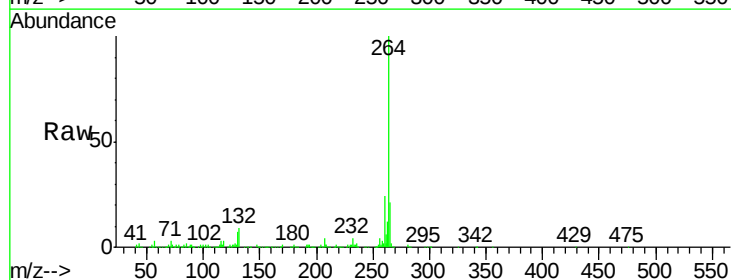
Tgt Ion:264 Resp: 442654

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.2 17.4 26.0



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

