

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
 Data File : BG046663.D
 Acq On : 17 Sep 2020 15:43
 Operator : CG/JU
 Sample : PB131690BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131690BL

Quant Time: Sep 17 16:36:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	46508	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	197347	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	148557	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	417308	20.00	ng	0.00
76) Chrysene-d12	21.55	240	464481	20.00	ng	0.00
86) Perylene-d12	24.64	264	448206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	335979	127.95	ng	0.00
7) Phenol-d6	7.10	99	450343	120.98	ng	0.00
23) Nitrobenzene-d5	9.08	82	281543	81.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	233214	115.86	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	795867	81.78	ng	0.00
79) Terphenyl-d14	19.91	244	1646385	75.43	ng	0.00

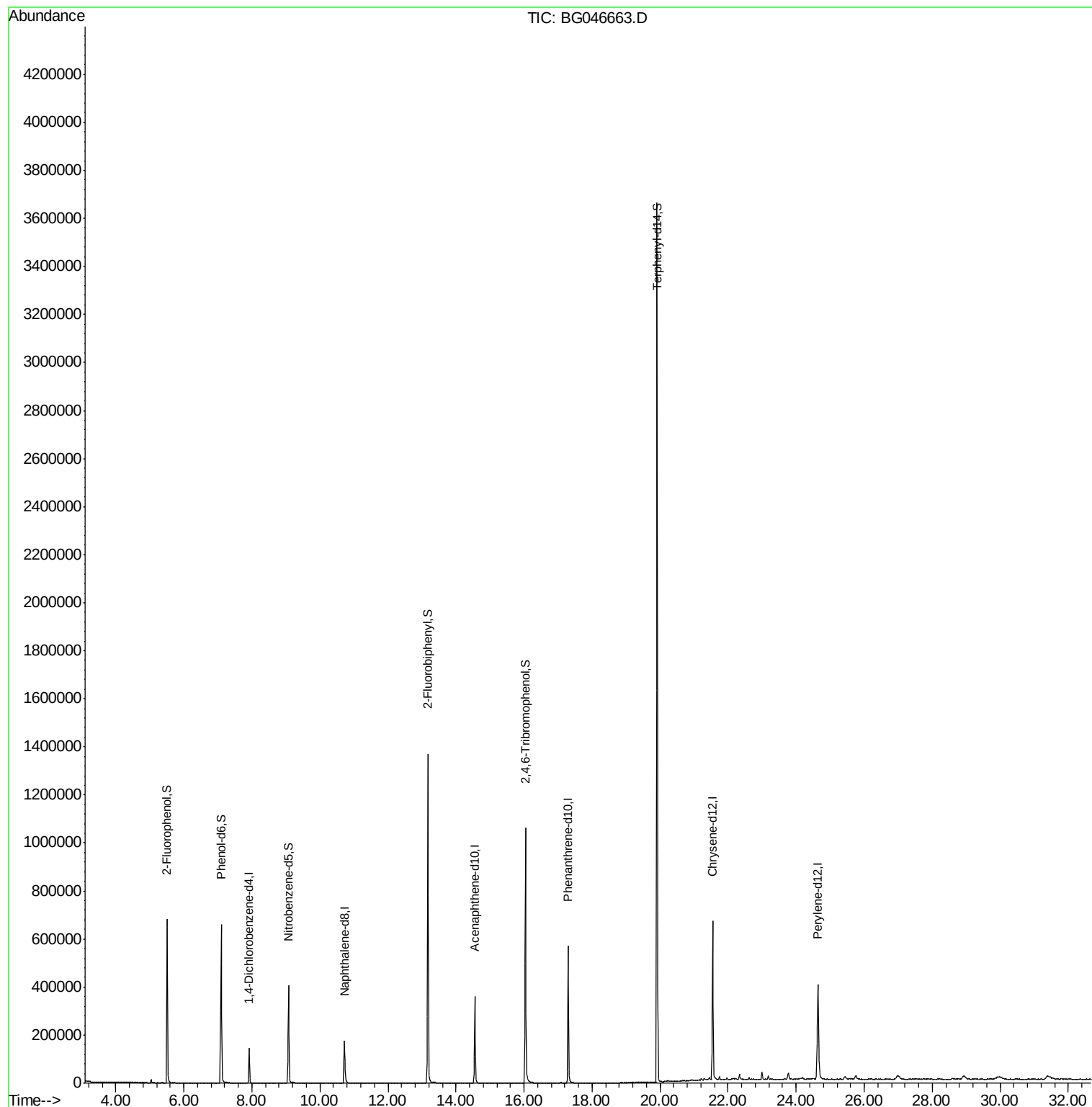
Target Compounds Qvalue

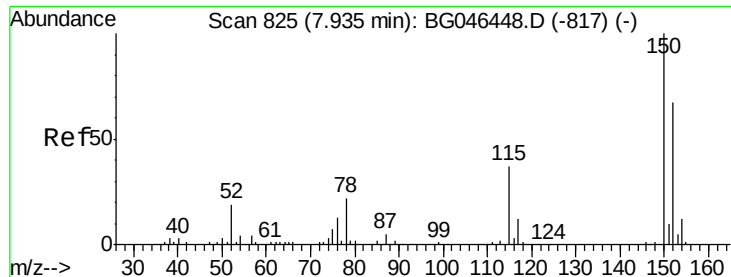
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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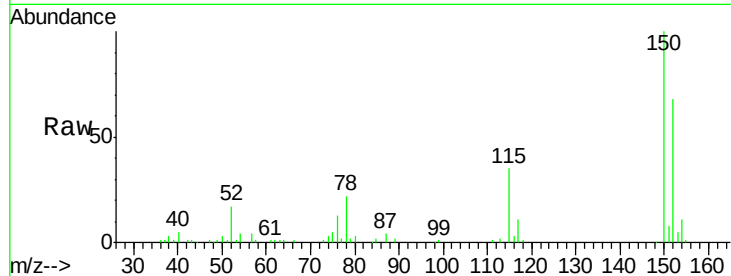


#1

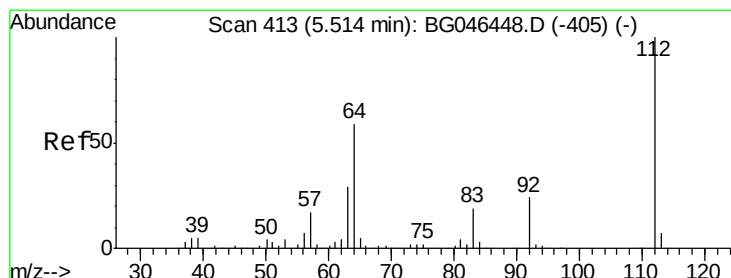
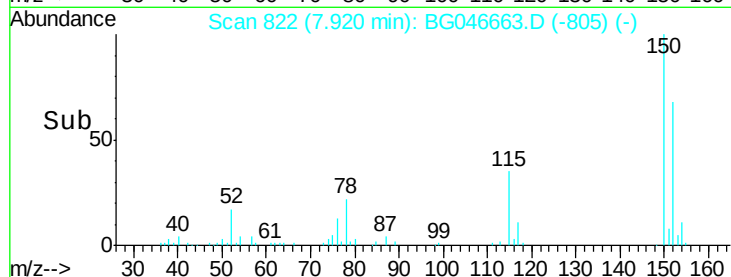
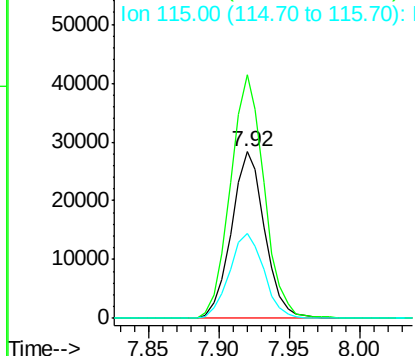
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG046663.D
Acq: 17 Sep 2020 15:43

Instrument :
BNA_G
ClientSampleId :
PB131690BL

Tot Ion:152 Resp: 46508
Ion Ratio Lower Upper
152 100
150 146.4 125.0 187.6
115 51.2 41.8 62.6



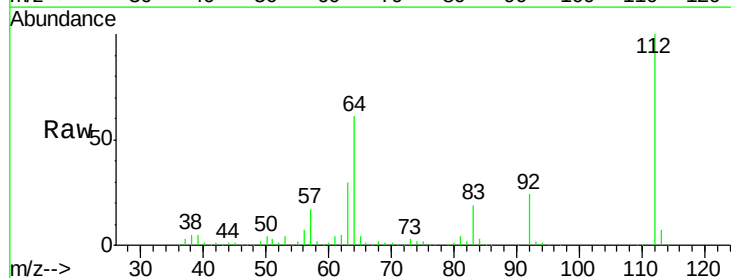
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



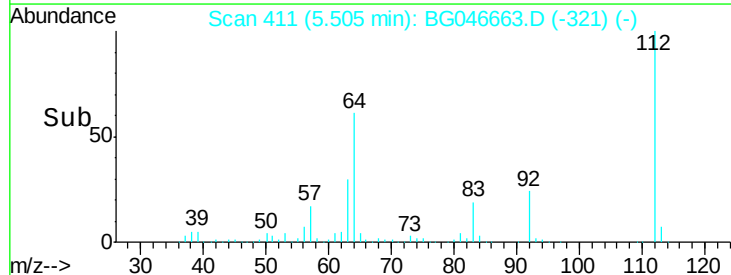
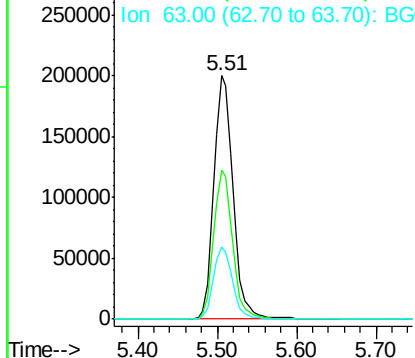
#5

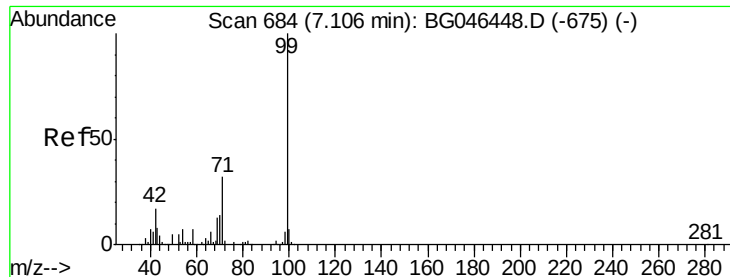
2-Fluorophenol
Concen: 127.952 ng
RT: 5.51 min Scan# 411
Delta R.T. 0.00 min
Lab File: BG046663.D
Acq: 17 Sep 2020 15:43

Tgt Ion:112 Resp: 335979
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 29.8 22.8 34.2



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: 120.983 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046663.D

Acq: 17 Sep 2020 15:43

Instrument :

BNA_G

ClientSampleId :

PB131690BL

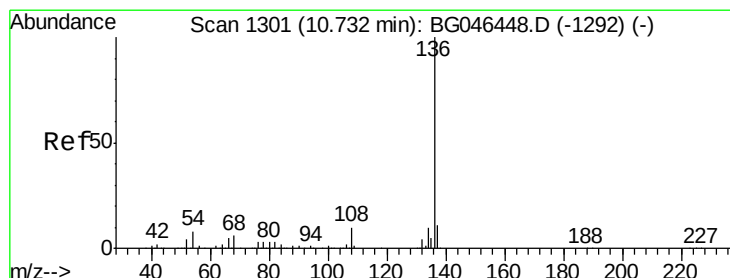
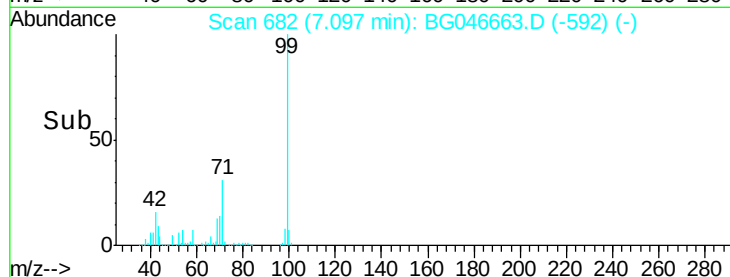
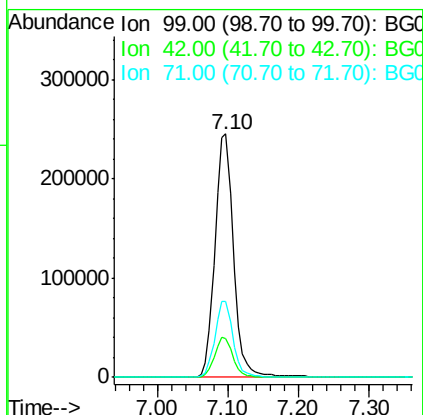
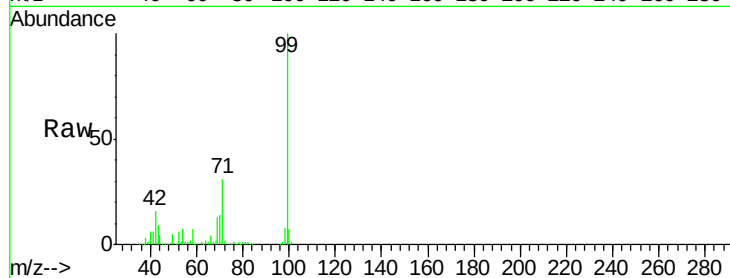
Tot Ion: 99 Resp: 450343

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

71 30.9 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG046663.D

Acq: 17 Sep 2020 15:43

Tgt Ion: 136 Resp: 197347

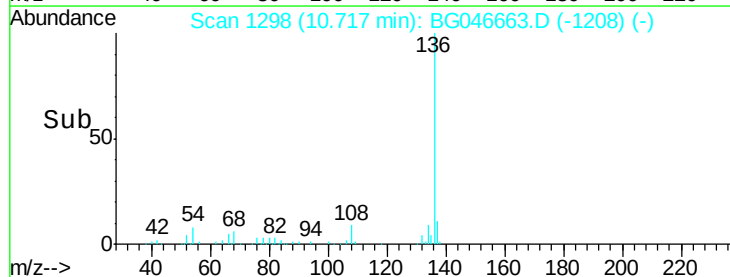
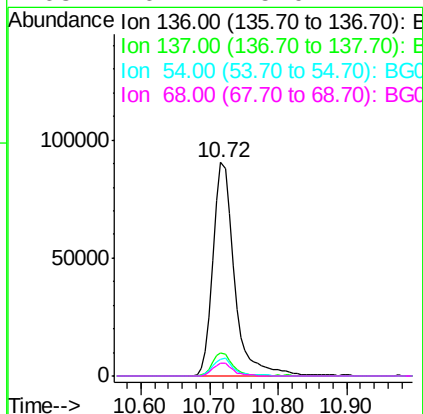
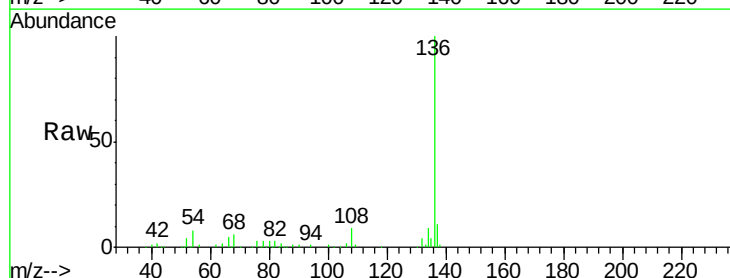
Ion Ratio Lower Upper

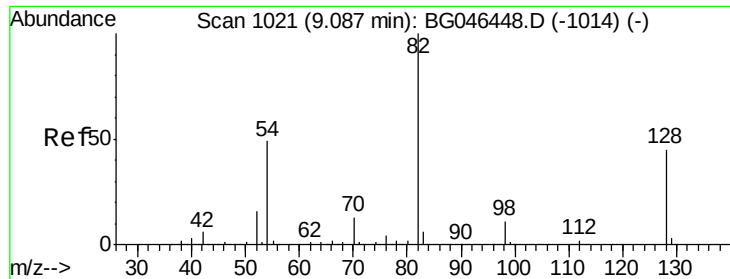
136 100

137 10.5 9.1 13.7

54 7.9 6.2 9.4

68 6.1 5.0 7.4

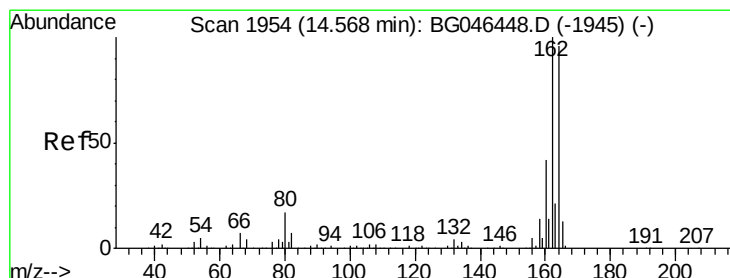
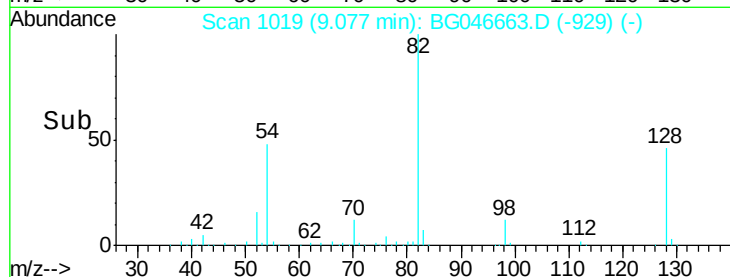
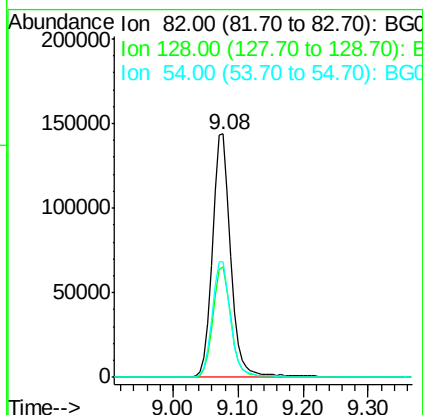
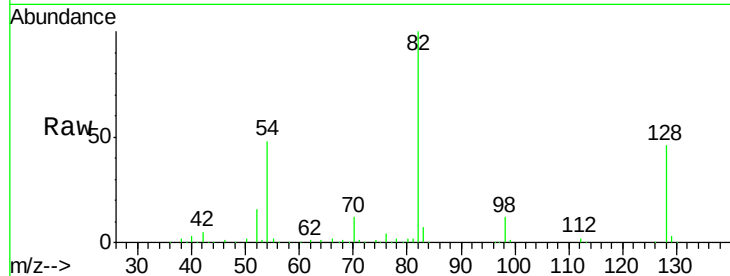




#23
Nitrobenzene-d5
Concen: 81.540 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046663.D
Acq: 17 Sep 2020 15:43

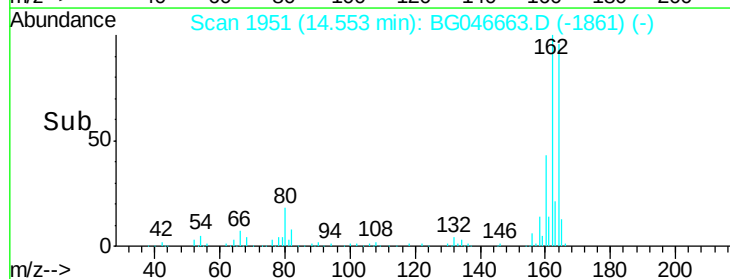
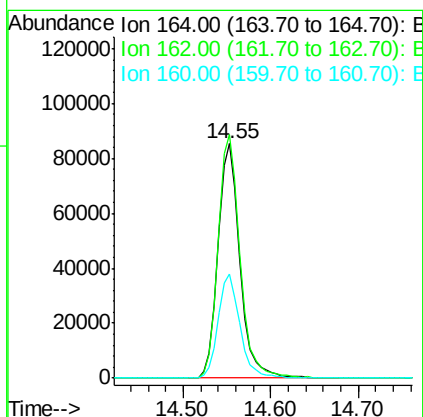
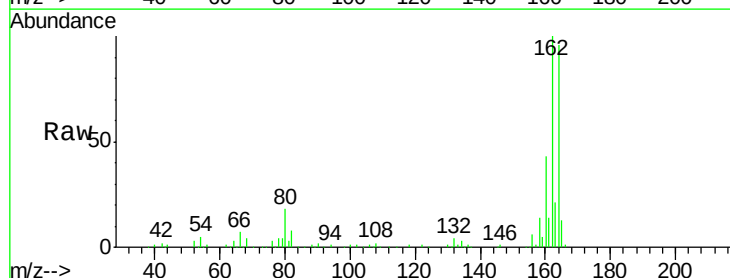
Instrument :
BNA_G
ClientSampleId :
PB131690BL

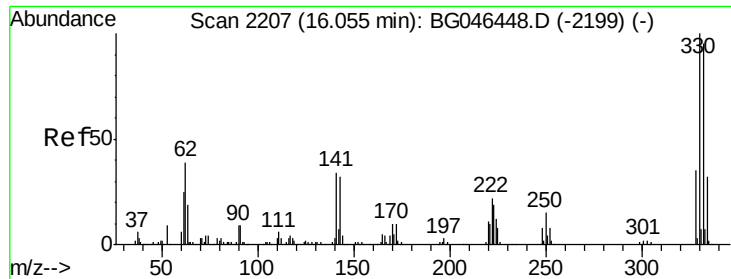
Tot Ion: 82 Resp: 281543
Ion Ratio Lower Upper
82 100
128 45.6 37.0 55.6
54 47.7 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG046663.D
Acq: 17 Sep 2020 15:43

Tgt Ion:164 Resp: 148557
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 115.863 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG046663.D

Acq: 17 Sep 2020 15:43

Instrument :

BNA_G

ClientSampleId :

PB131690BL

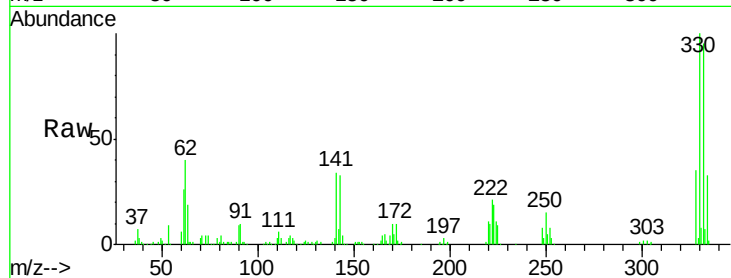
Tot Ion:330 Resp: 233214

Ion Ratio Lower Upper

330 100

332 96.3 76.5 114.7

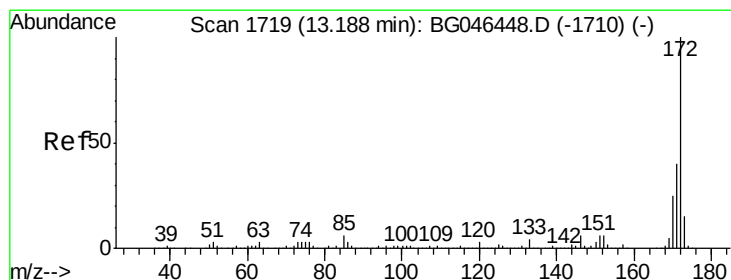
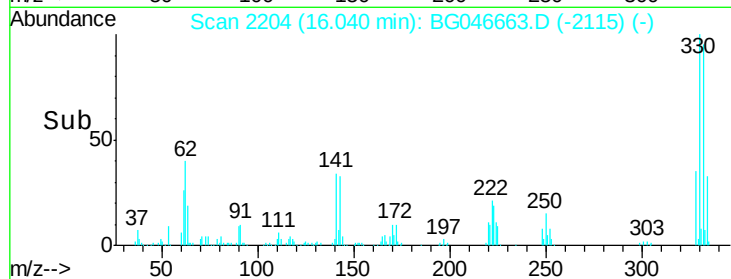
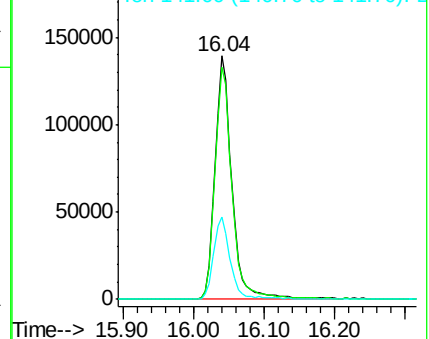
141 33.4 26.0 39.0



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: 81.783 ng

RT: 13.17 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG046663.D

Acq: 17 Sep 2020 15:43

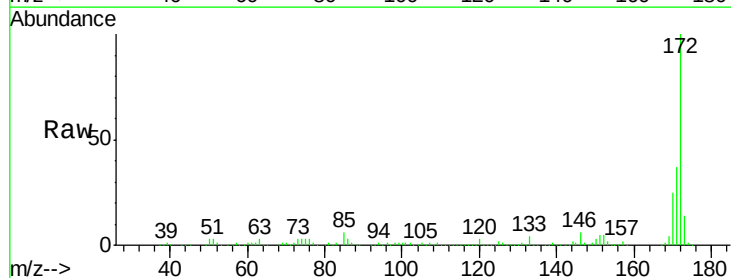
Tgt Ion:172 Resp: 795867

Ion Ratio Lower Upper

172 100

171 37.3 31.3 46.9

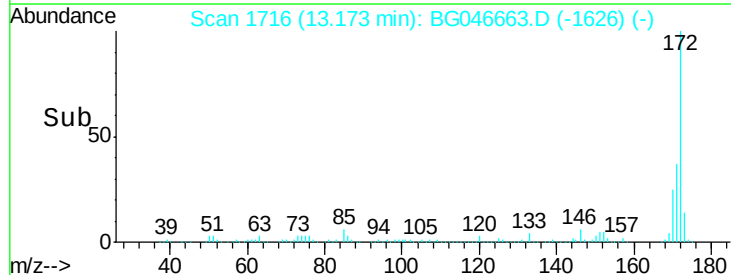
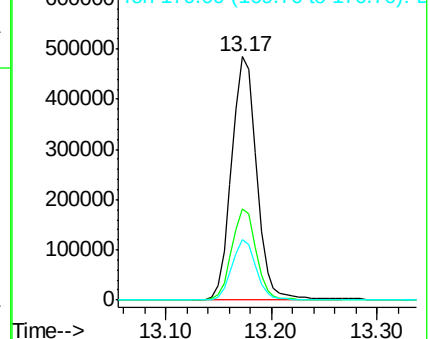
170 24.6 20.8 31.2

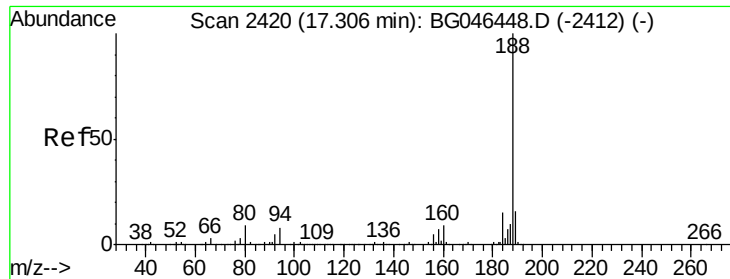


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

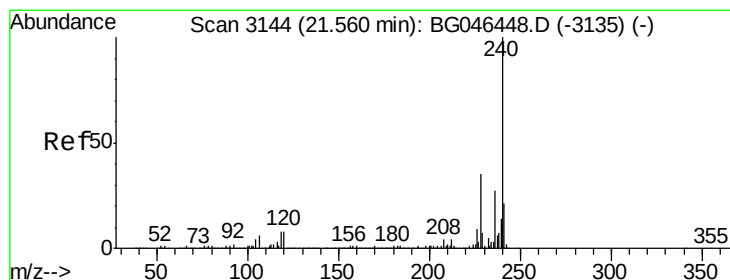
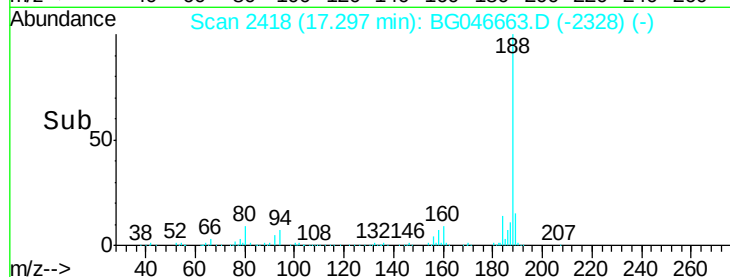
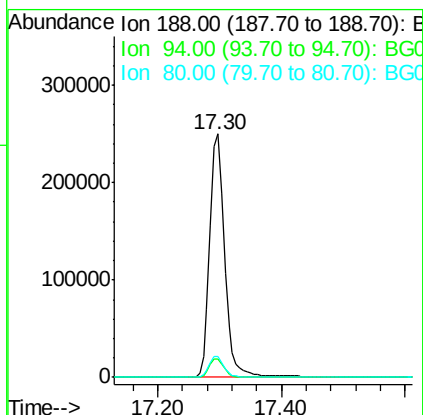
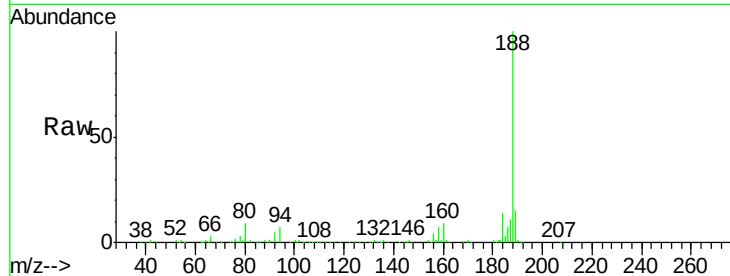




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG046663.D
Acq: 17 Sep 2020 15:43

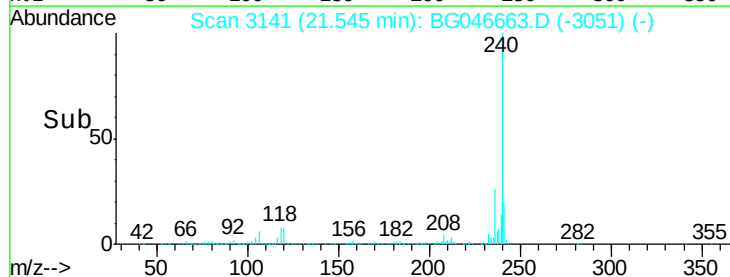
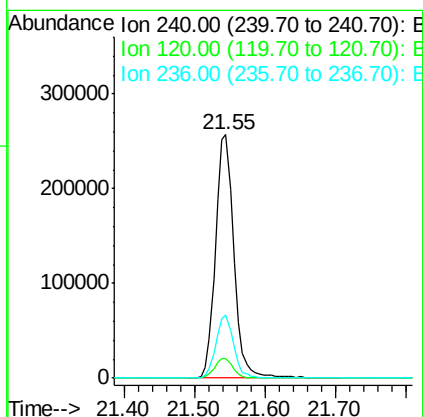
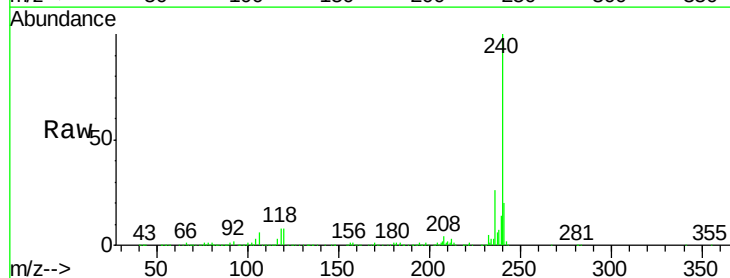
Instrument :
BNA_G
ClientSampleId :
PB131690BL

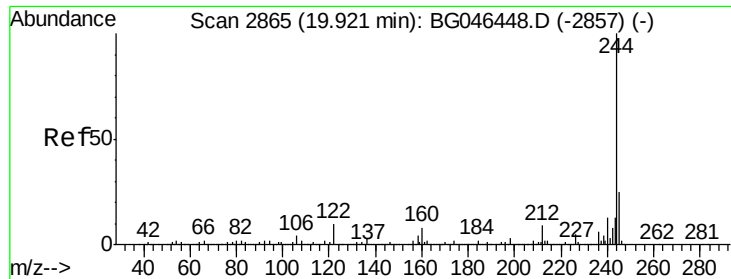
Tot Ion:188 Resp: 417308
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.7 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046663.D
Acq: 17 Sep 2020 15:43

Tgt Ion:240 Resp: 464481
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 75.435 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046663.D

Acq: 17 Sep 2020 15:43

Instrument :

BNA_G

ClientSampleId :

PB131690BL

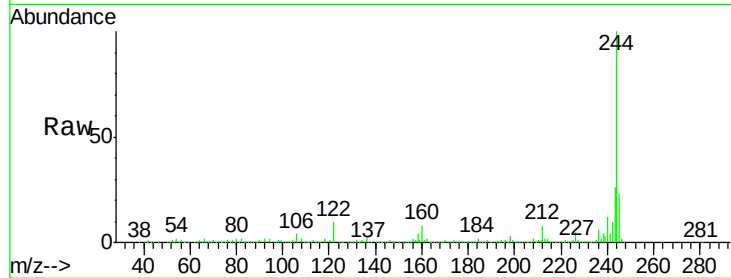
Tot Ion:244 Resp: 1646385

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	9.7	7.8	11.6

244 100

212 8.4 6.7 10.1

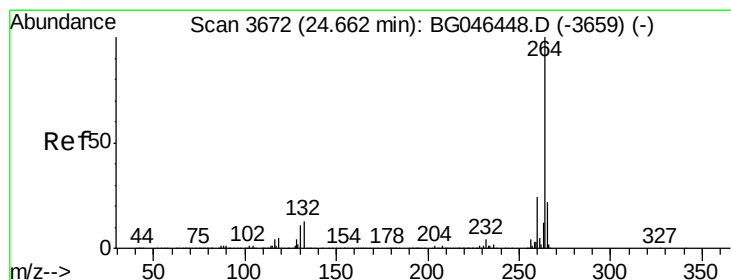
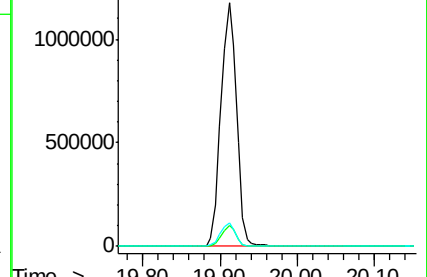
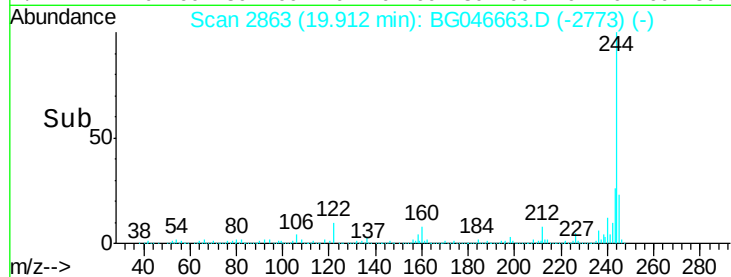
122 9.7 7.8 11.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG046663.D

Acq: 17 Sep 2020 15:43

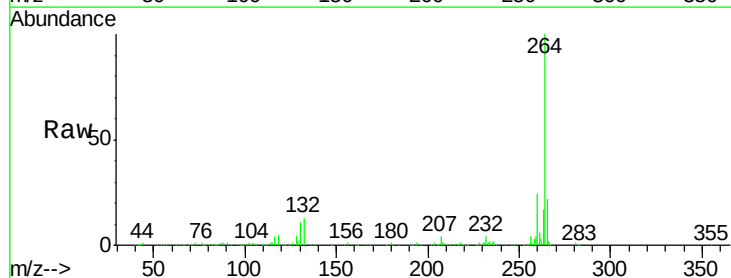
Tgt Ion:264 Resp: 448206

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.0	17.8	26.8

264 100

260 24.3 18.8 28.2

265 22.0 17.8 26.8



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

