

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045900.D
 Acq On : 1 Jul 2020 11:03
 Operator : CG/JU
 Sample : L3153-26
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 14:02:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	60862	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	222283	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	156299	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	341425	20.00	ng	0.00
76) Chrysene-d12	21.52	240	334451	20.00	ng	0.00
86) Perylene-d12	24.59	264	340414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	444666	123.42	ng	0.00
7) Phenol-d6	7.08	99	562766	102.69	ng	0.00
23) Nitrobenzene-d5	9.02	82	498223	102.39	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	349927	148.29	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1107080	104.09	ng	0.00
79) Terphenyl-d14	19.89	244	1771495	107.34	ng	0.00

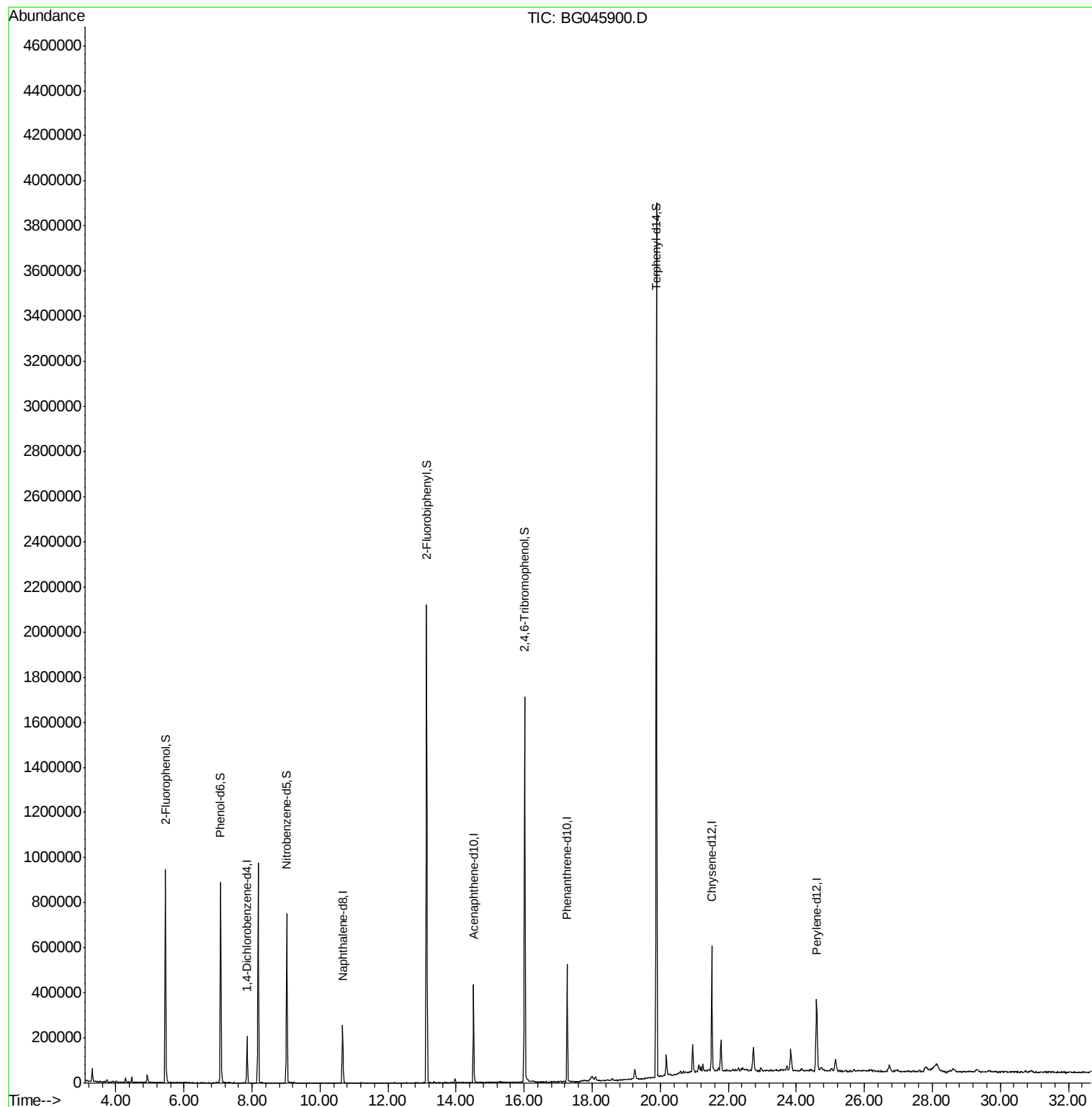
Target Compounds Qvalue

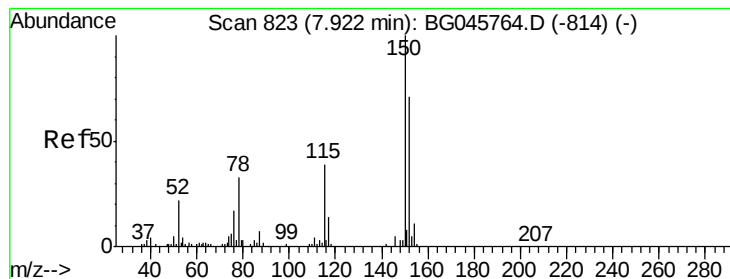
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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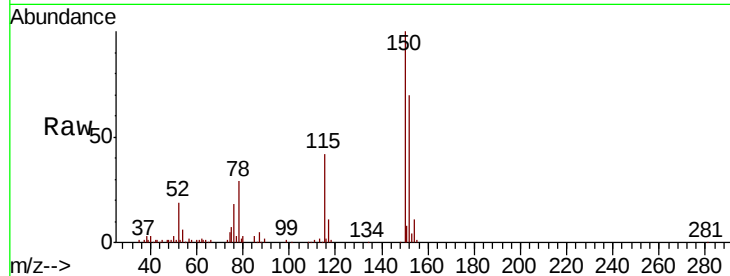


#1

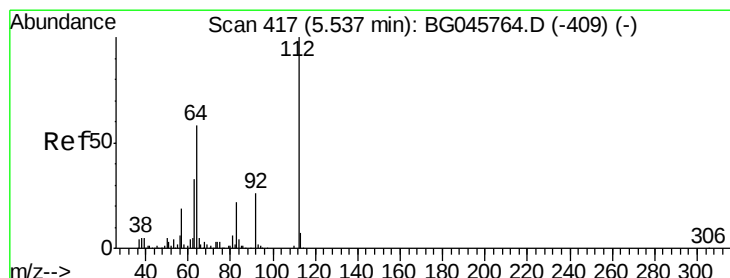
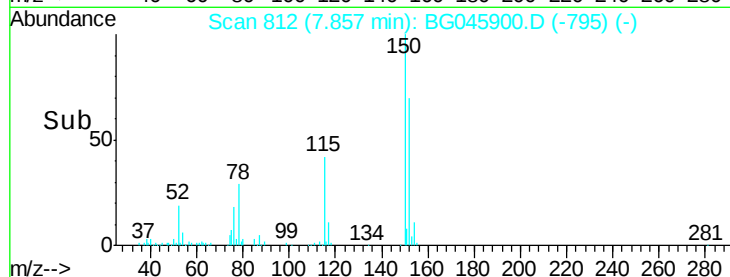
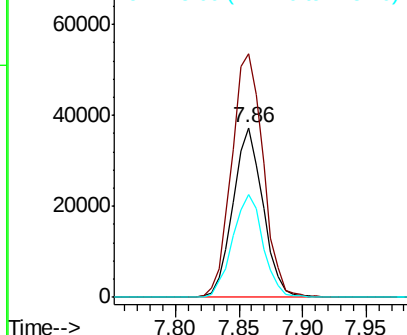
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SP2-F

Tot Ion:152 Resp: 60862
Ion Ratio Lower Upper
152 100
150 143.5 121.2 181.8
115 60.5 47.5 71.3



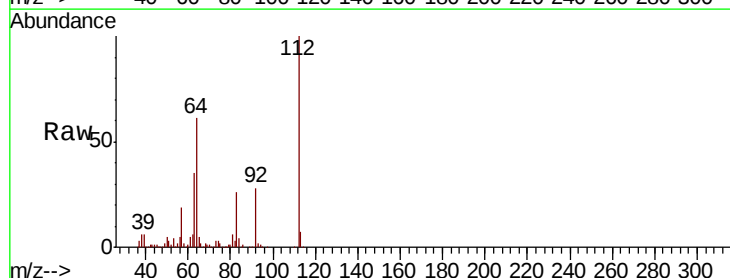
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



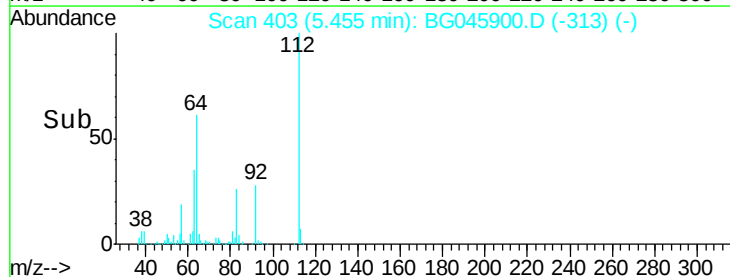
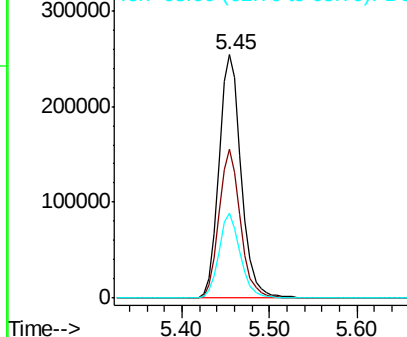
#5

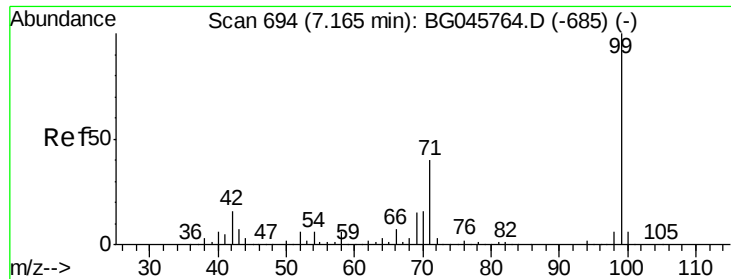
2-Fluorophenol
Concen: 123.418 ng
RT: 5.45 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion:112 Resp: 444666
Ion Ratio Lower Upper
112 100
64 60.9 48.5 72.7
63 35.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 102.687 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SP2-F

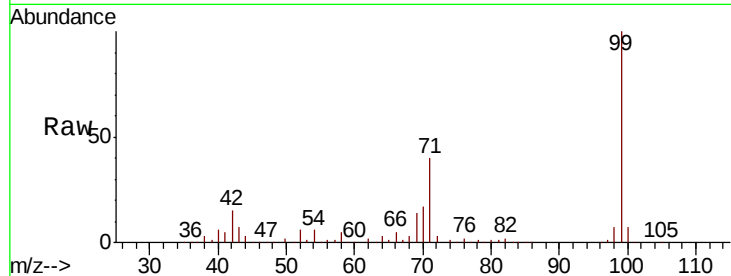
Tot Ion: 99 Resp: 562766

Ion Ratio Lower Upper

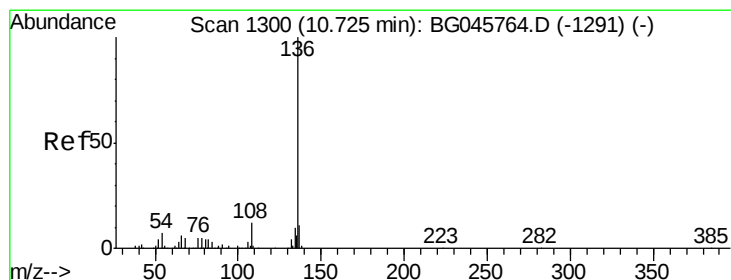
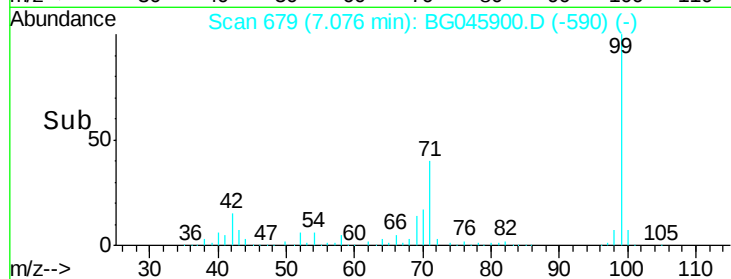
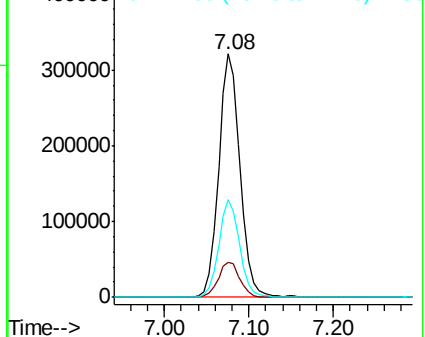
99 100

42 14.6 12.0 18.0

71 40.1 31.0 46.4



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: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Tgt Ion: 136 Resp: 222283

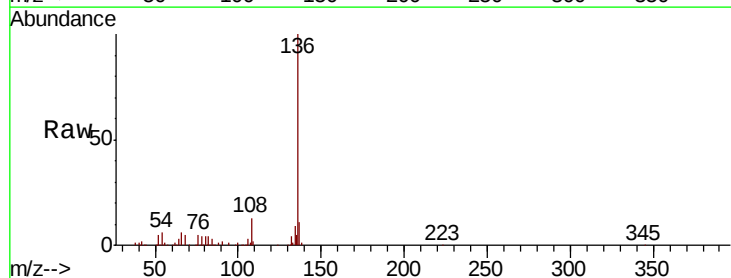
Ion Ratio Lower Upper

136 100

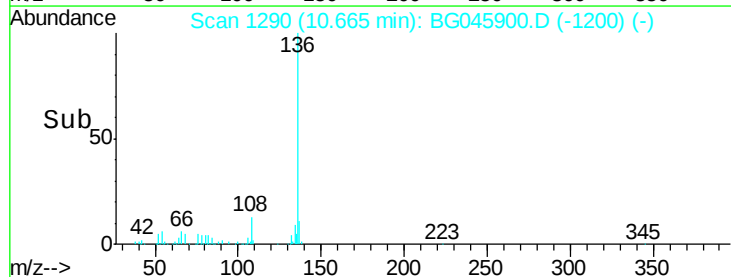
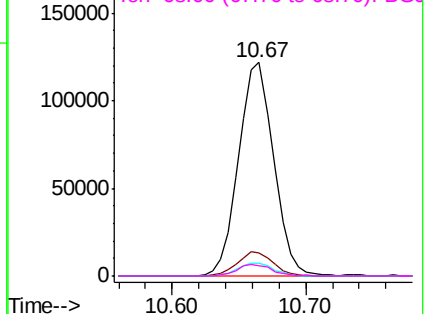
137 11.0 9.4 14.0

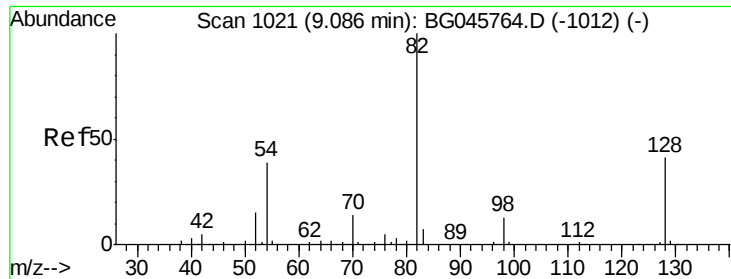
54 6.0 4.9 7.3

68 4.6 3.9 5.9



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

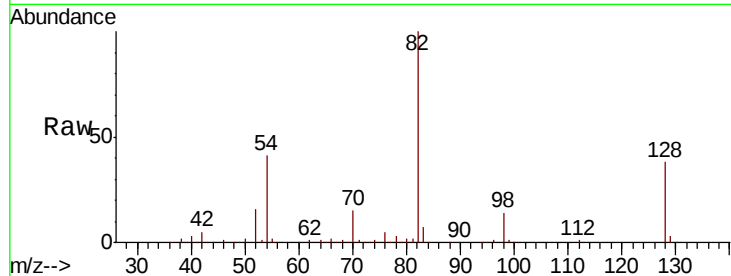




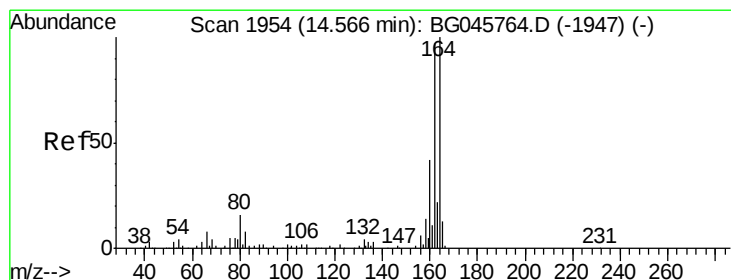
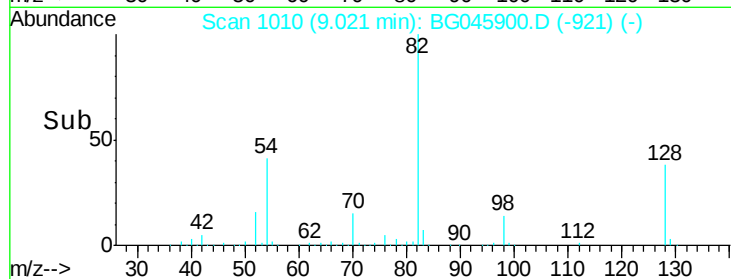
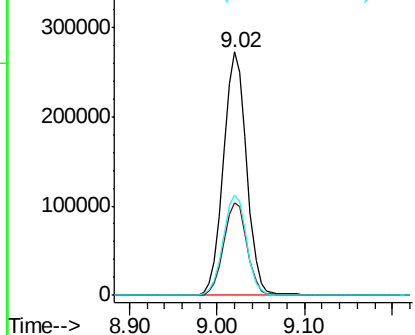
#23
Nitrobenzene-d5
Concen: 102.394 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SP2-F

Tot Ion: 82 Resp: 498223
Ion Ratio Lower Upper
82 100
128 37.9 31.3 46.9
54 41.3 32.6 49.0

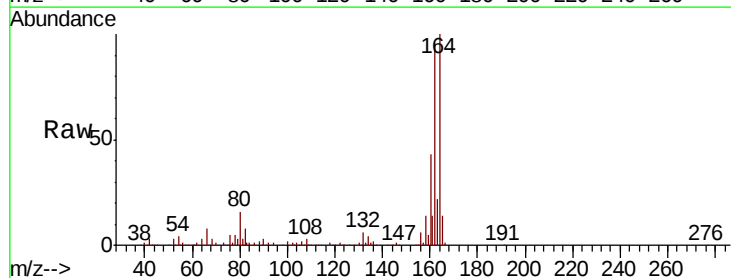


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

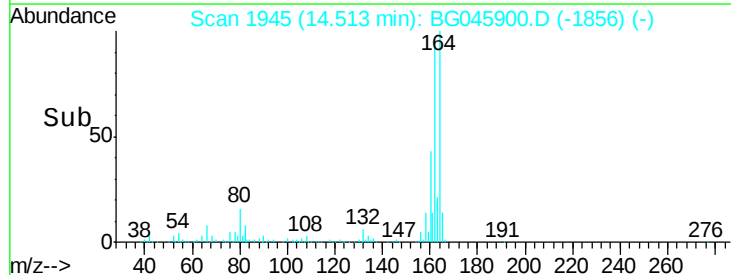
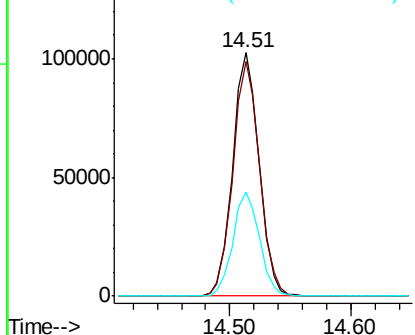


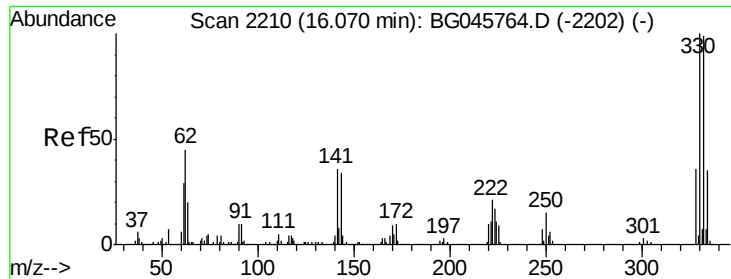
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion: 164 Resp: 156299
Ion Ratio Lower Upper
164 100
162 96.2 80.6 120.8
160 42.6 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 148.292 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SP2-F

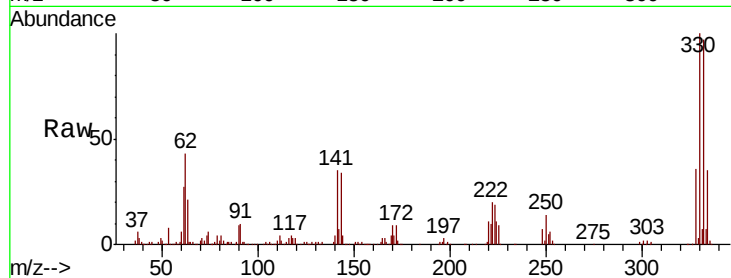
Tot Ion:330 Resp: 349927

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

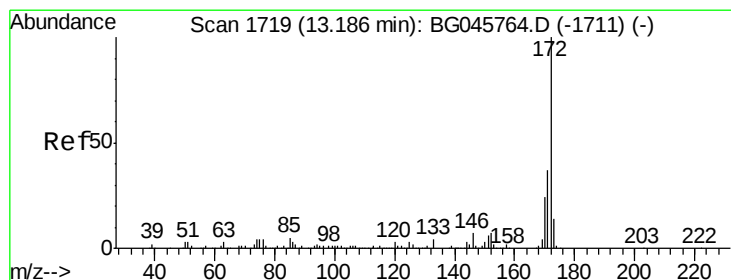
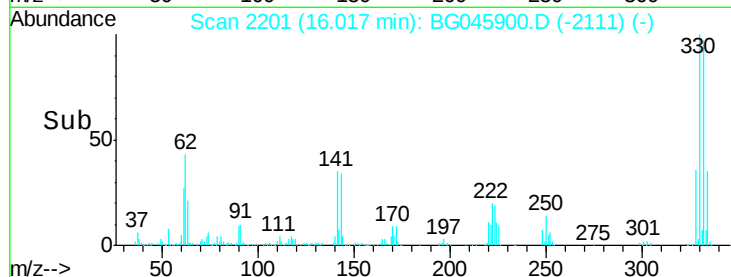
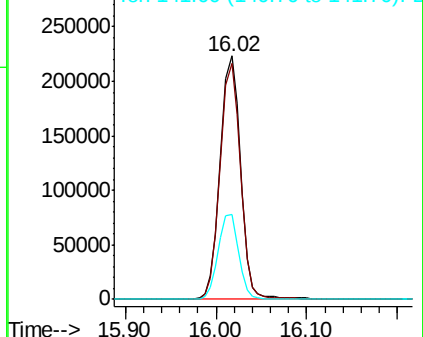
141 35.4 27.7 41.5



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: 104.090 ng

RT: 13.13 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

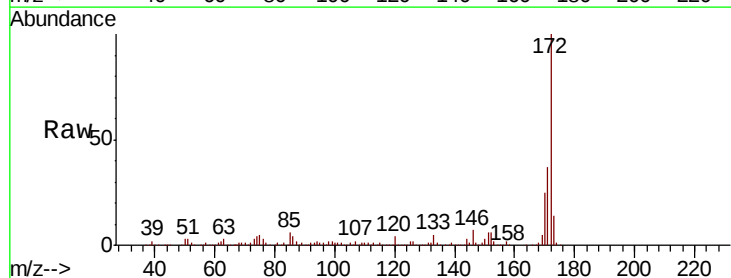
Tgt Ion:172 Resp: 1107080

Ion Ratio Lower Upper

172 100

171 37.2 28.9 43.3

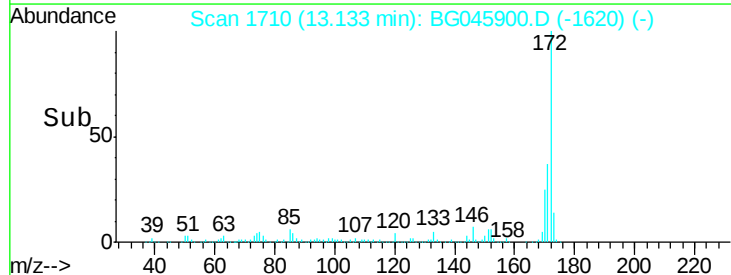
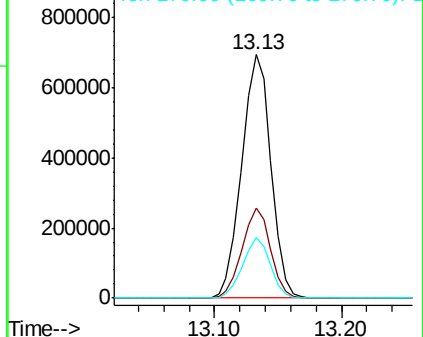
170 24.8 19.1 28.7

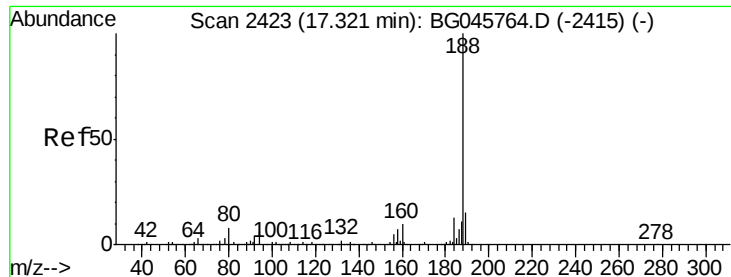


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

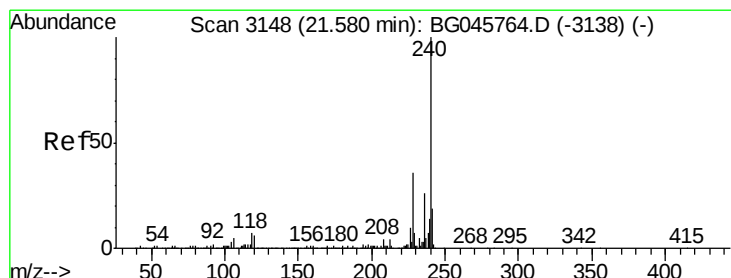
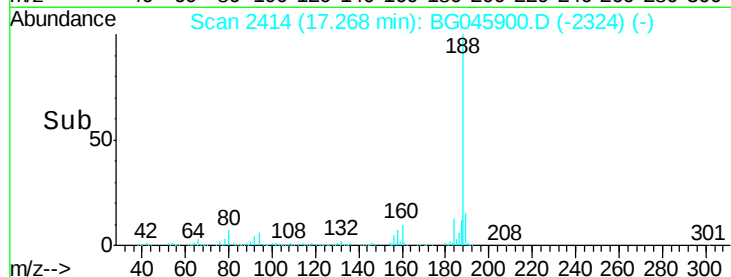
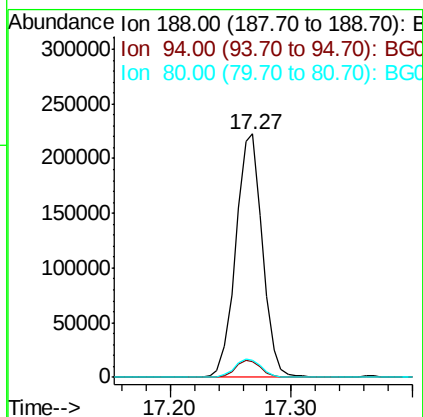
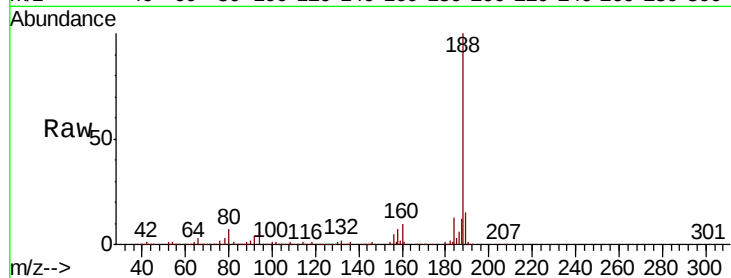




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

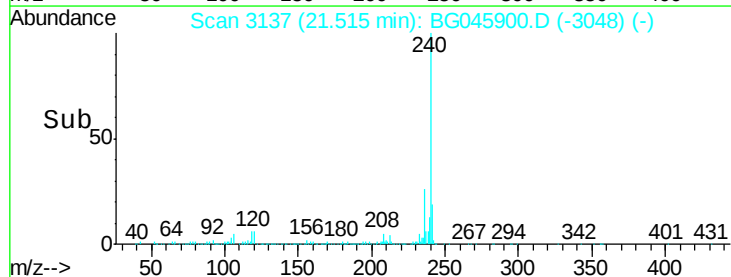
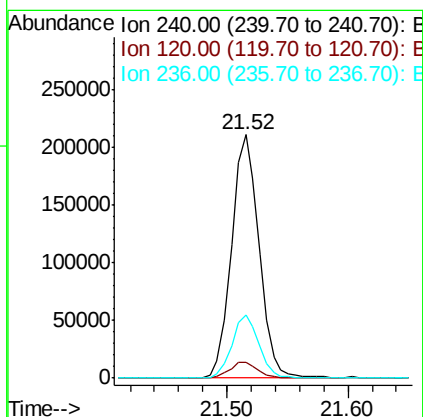
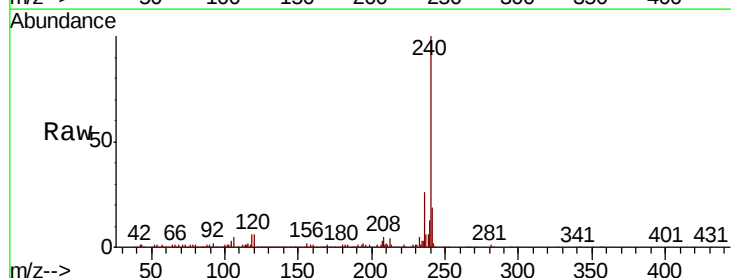
Instrument :
BNA_G
ClientSampleId :
SP2-F

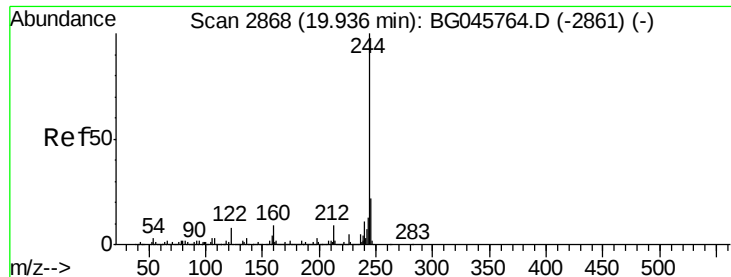
Tot Ion:188 Resp: 341425
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 6.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion:240 Resp: 334451
Ion Ratio Lower Upper
240 100
120 6.2 5.6 8.4
236 26.2 21.3 31.9





#79

Terphenyl-d14

Concen: 107.343 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SP2-F

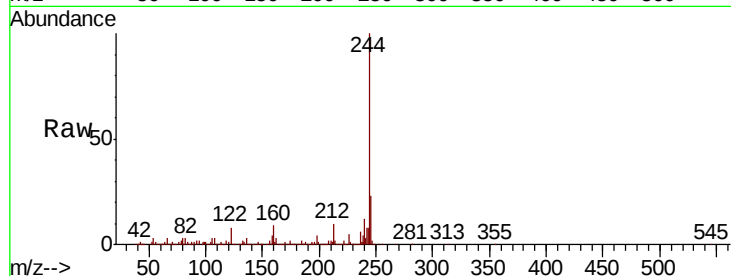
Tot Ion:244 Resp: 1771495

Ion Ratio Lower Upper

244 100

212 10.1 7.2 10.8

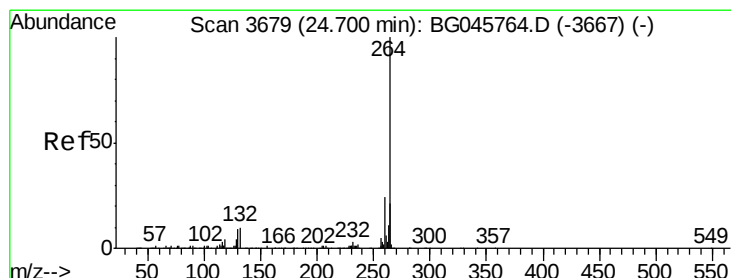
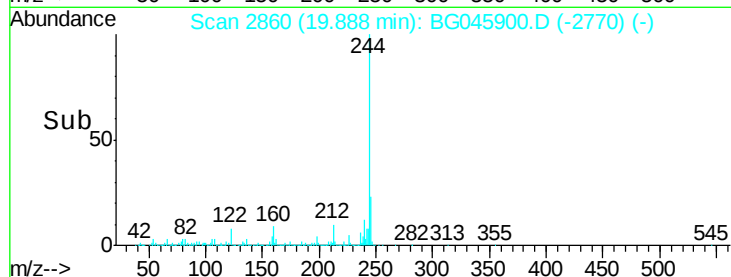
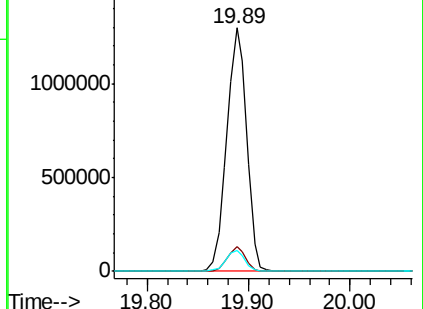
122 8.4 6.9 10.3



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# 3661

Delta R.T. -0.01 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

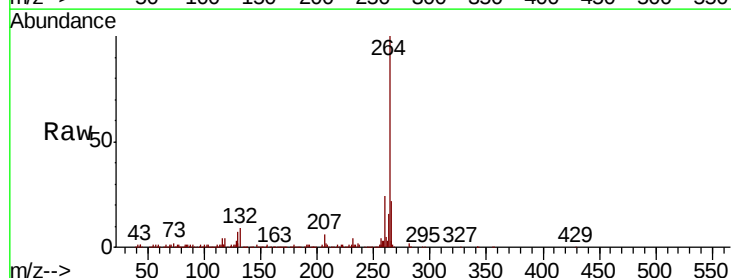
Tgt Ion:264 Resp: 340414

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.0 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

