

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
 Data File : BG045904.D
 Acq On : 1 Jul 2020 13:43
 Operator : CG/JU
 Sample : L3153-29
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-G

Quant Time: Jul 01 15:06:59 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 14:59:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	54984	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	201647	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	144140	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	341056	20.00	ng	0.00
76) Chrysene-d12	21.52	240	341983	20.00	ng	0.00
86) Perylene-d12	24.59	264	336253	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	373090	114.62	ng	0.00
7) Phenol-d6	7.08	99	470217	94.97	ng	0.00
23) Nitrobenzene-d5	9.02	82	430641	97.56	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	307030	141.09	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	968107	98.70	ng	0.00
79) Terphenyl-d14	19.89	244	1677068	99.38	ng	0.00

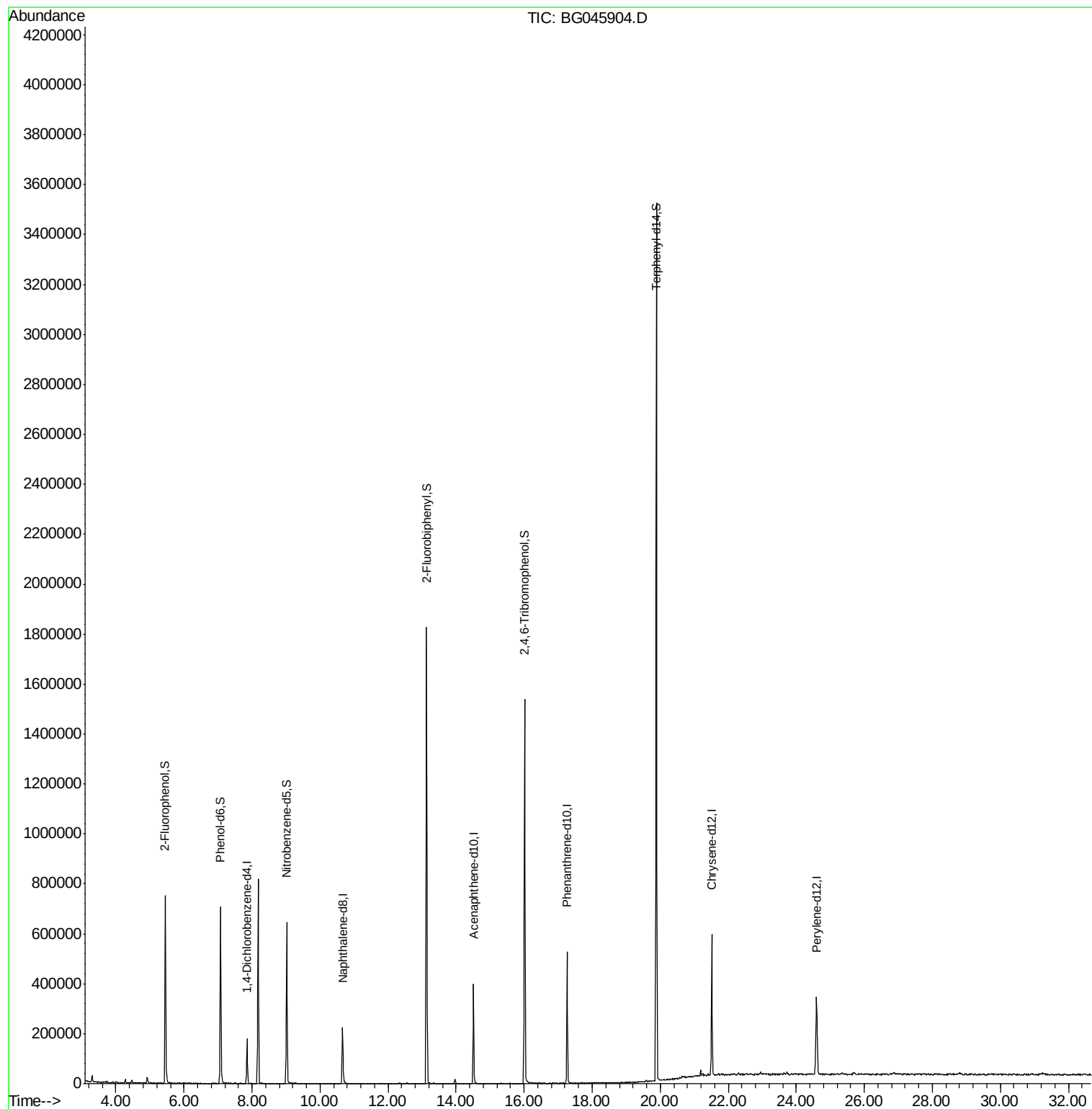
Target Compounds Qvalue

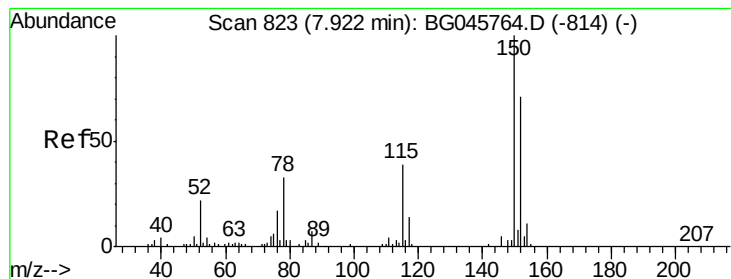
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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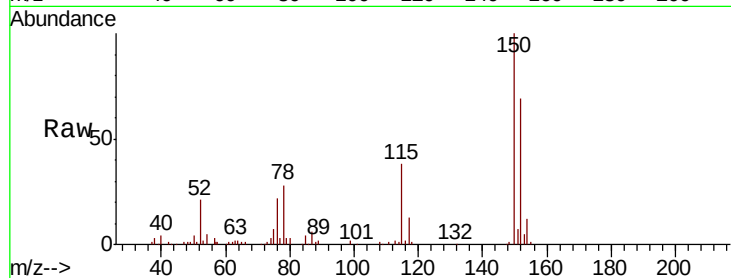


#1

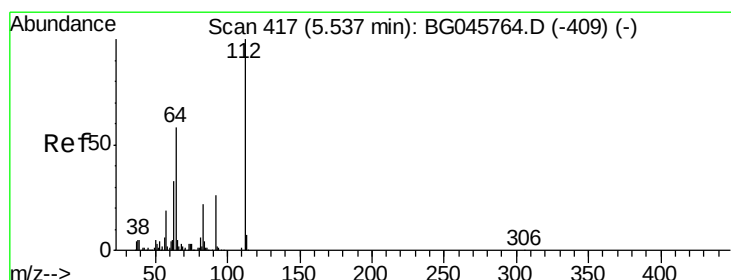
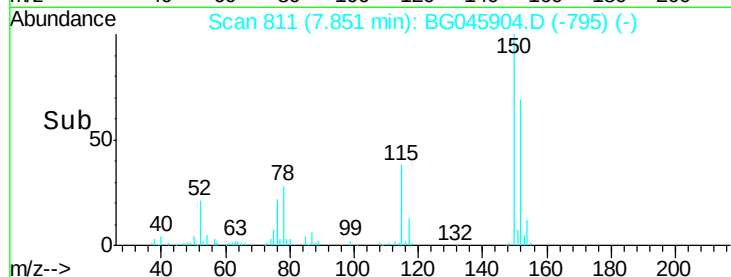
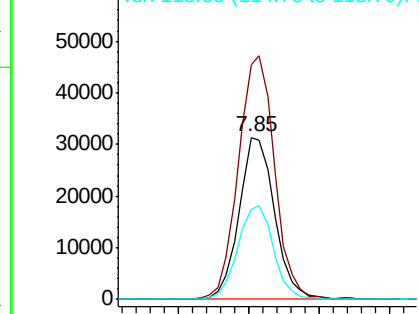
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045904.D
Acq: 1 Jul 2020 13:43

Instrument :
BNA_G
ClientSampleId :
SP2-G

Tot Ion:152 Resp: 54984
Ion Ratio Lower Upper
152 100
150 145.0 123.9 185.9
115 55.4 48.6 72.8



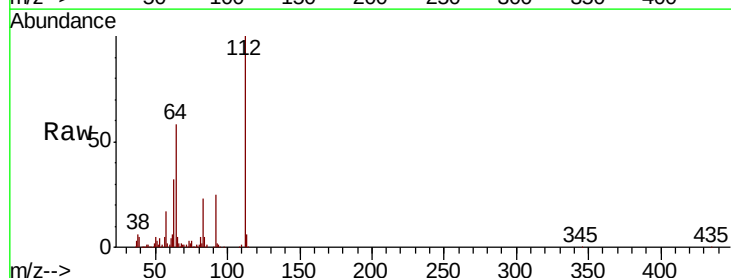
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



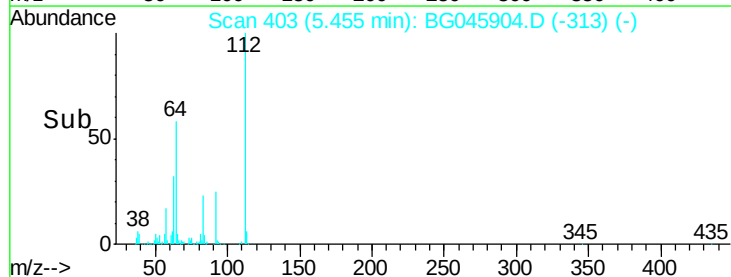
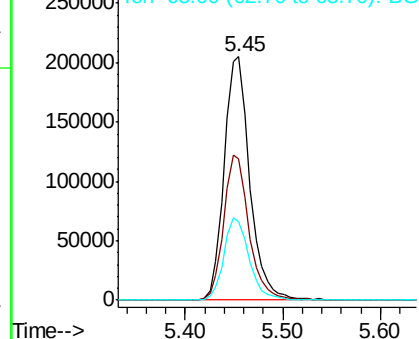
#5

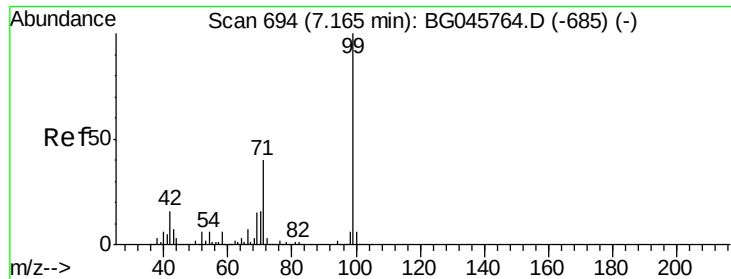
2-Fluorophenol
Concen: 114.622 ng
RT: 5.45 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG045904.D
Acq: 1 Jul 2020 13:43

Tgt Ion:112 Resp: 373090
Ion Ratio Lower Upper
112 100
64 57.8 47.3 70.9
63 32.4 27.1 40.7



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





#7

Phenol-d6

Concen: 94.973 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045904.D

Acq: 1 Jul 2020 13:43

Instrument :

BNA_G

ClientSampleId :

SP2-G

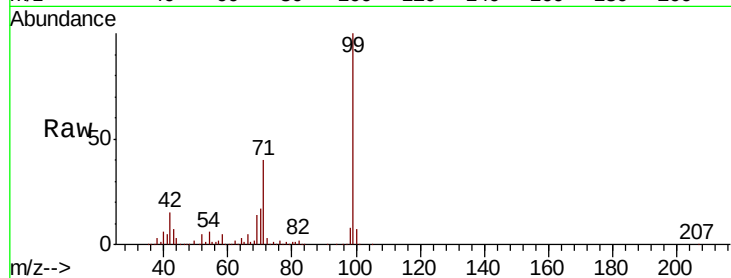
Tot Ion: 99 Resp: 470217

Ion Ratio Lower Upper

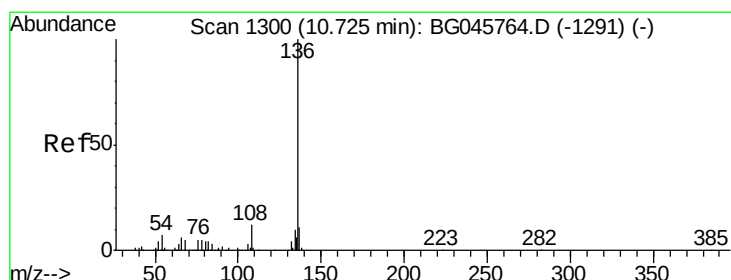
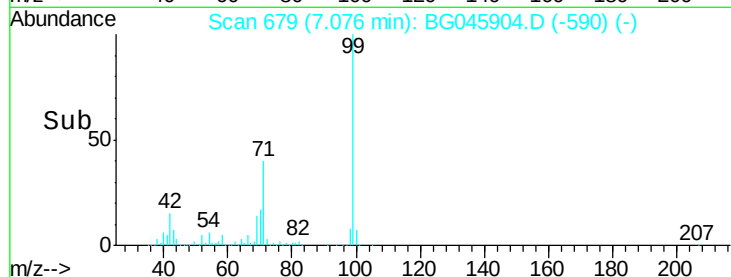
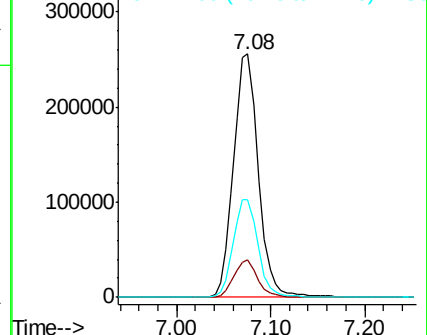
99 100

42 15.4 12.0 18.0

71 40.3 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: 10.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BG045904.D

Acq: 1 Jul 2020 13:43

Tgt Ion: 136 Resp: 201647

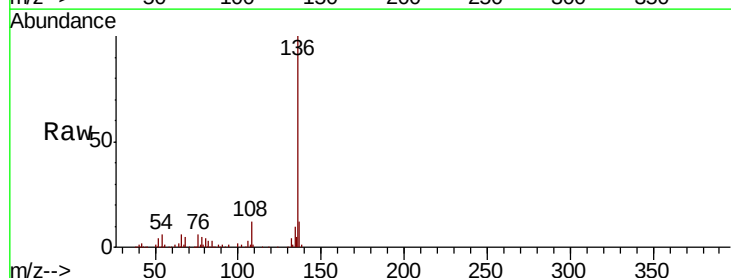
Ion Ratio Lower Upper

136 100

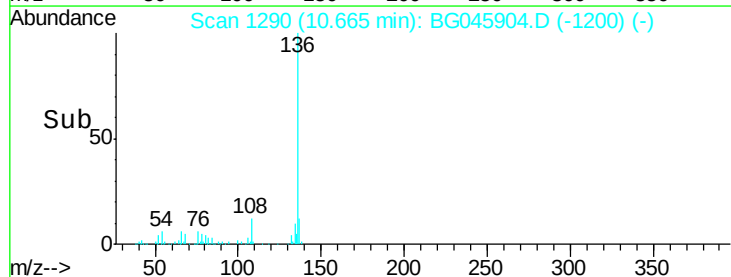
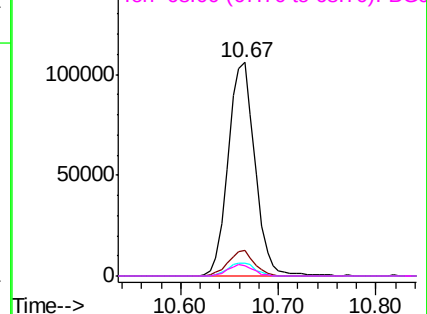
137 12.0 8.6 12.8

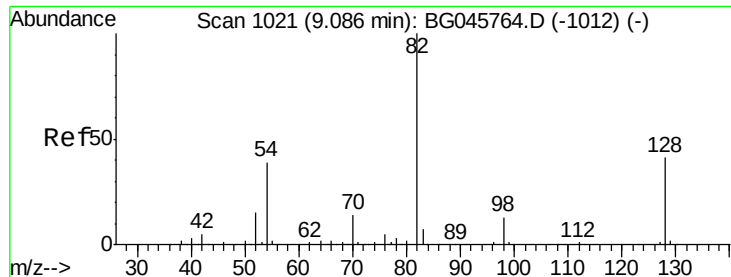
54 6.2 4.5 6.7

68 5.1 4.2 6.2



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

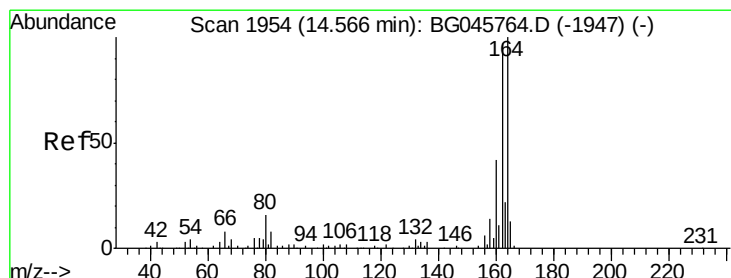
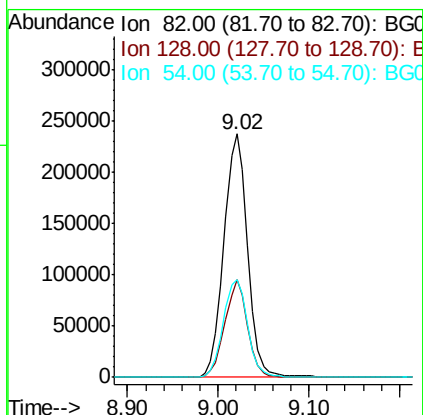
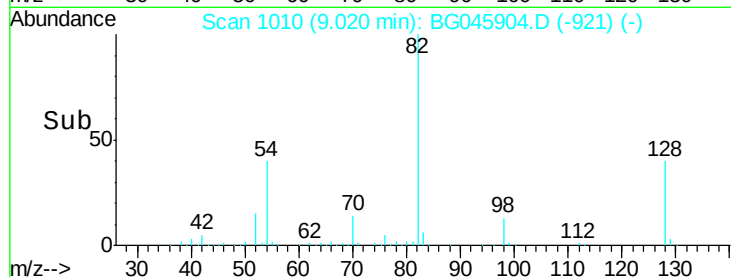
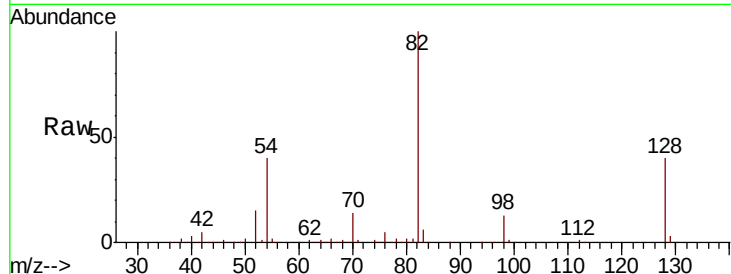




#23
Nitrobenzene-d5
Concen: 97.562 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG045904.D
Acq: 1 Jul 2020 13:43

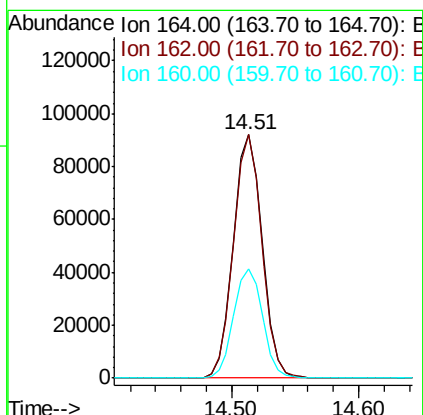
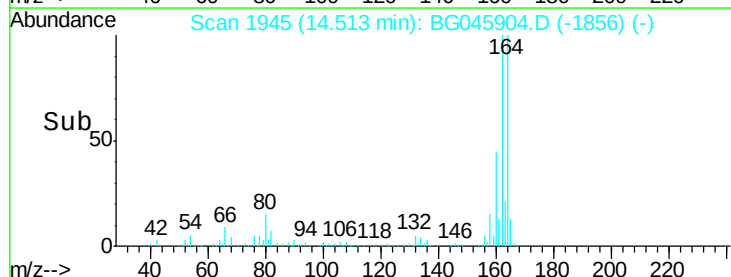
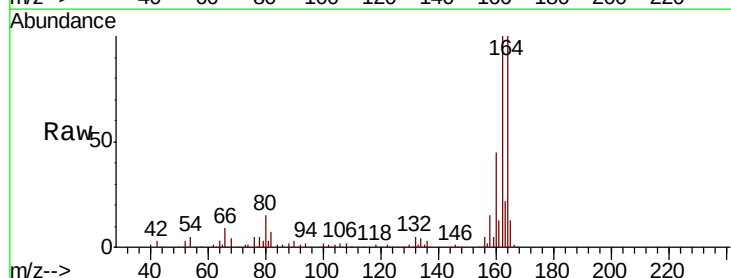
Instrument :
BNA_G
ClientSampleId :
SP2-G

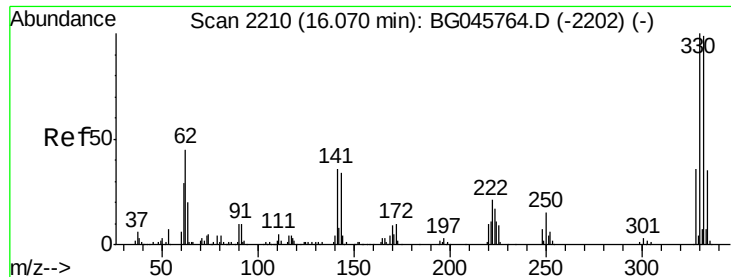
Tot Ion: 82 Resp: 430641
Ion Ratio Lower Upper
82 100
128 40.1 31.0 46.6
54 40.2 32.8 49.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045904.D
Acq: 1 Jul 2020 13:43

Tgt Ion: 164 Resp: 144140
Ion Ratio Lower Upper
164 100
162 100.0 76.3 114.5
160 45.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 141.089 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG045904.D

Acq: 1 Jul 2020 13:43

Instrument :

BNA_G

ClientSampled :

SP2-G

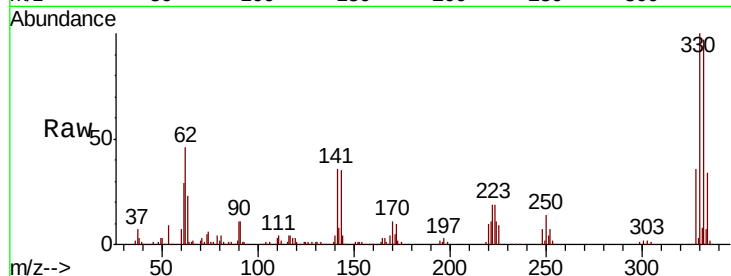
Tot Ion:330 Resp: 307030

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.0

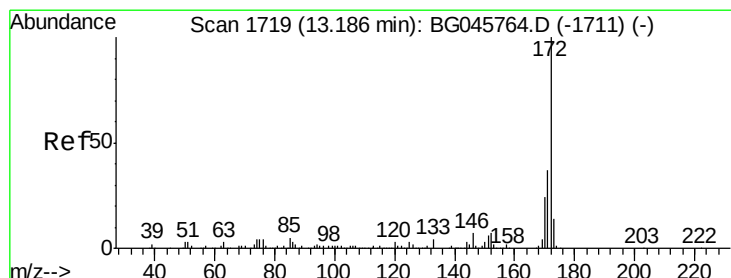
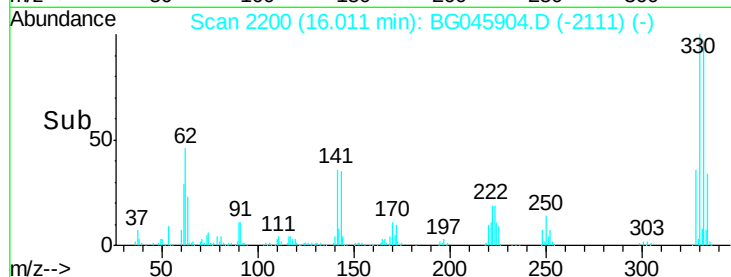
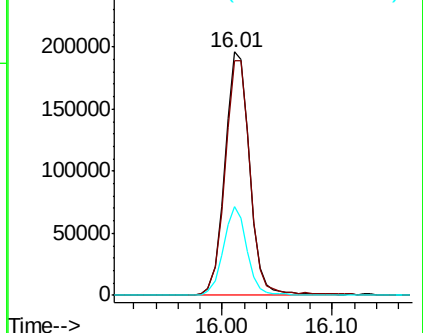
141 34.4 27.8 41.8



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: 98.702 ng

RT: 13.13 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG045904.D

Acq: 1 Jul 2020 13:43

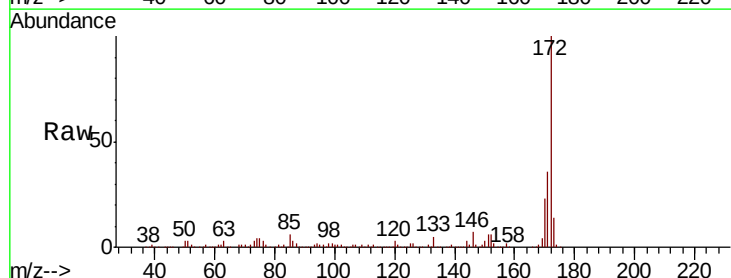
Tgt Ion:172 Resp: 968107

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

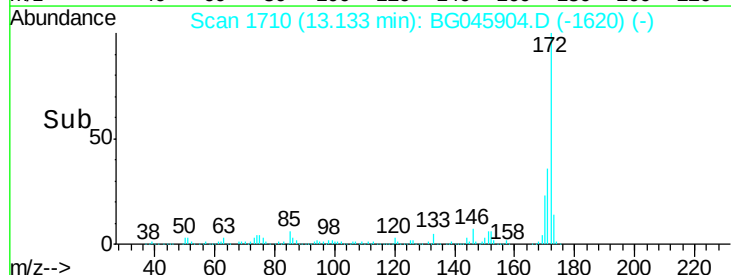
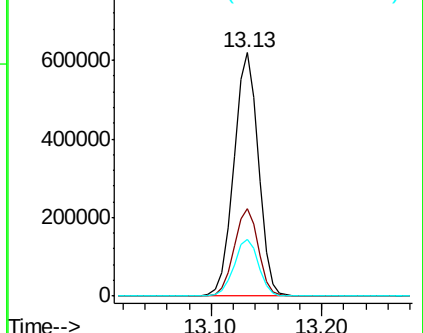
170 23.2 18.9 28.3

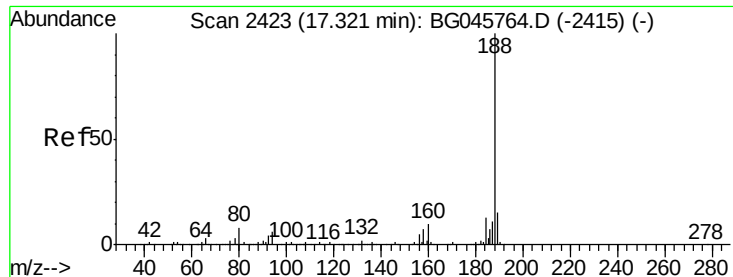


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

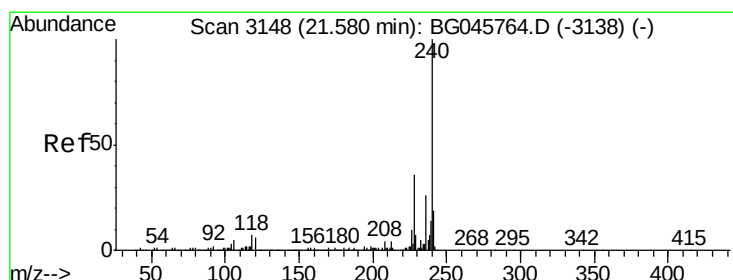
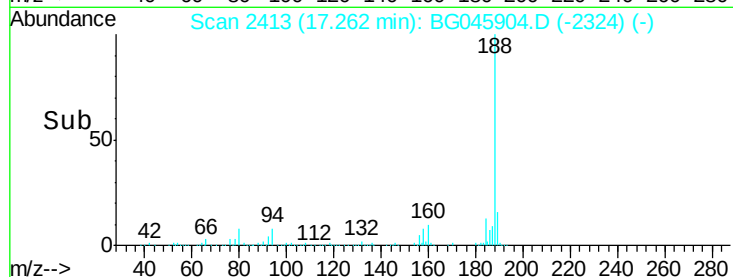
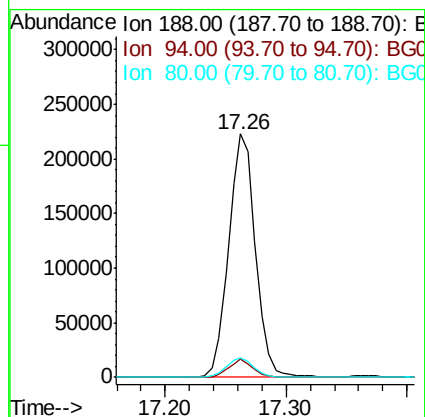
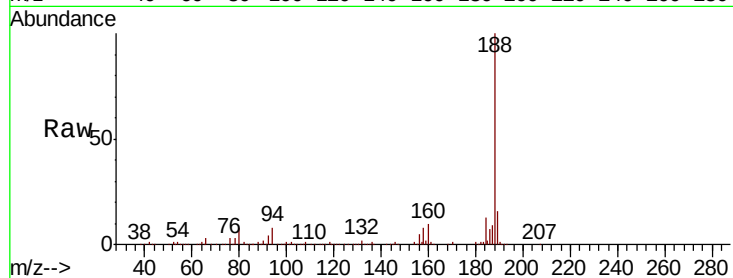




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045904.D
Acq: 1 Jul 2020 13:43

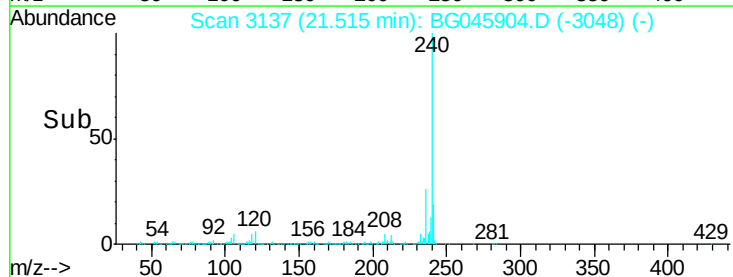
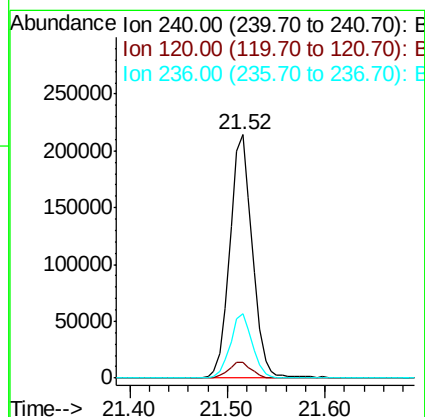
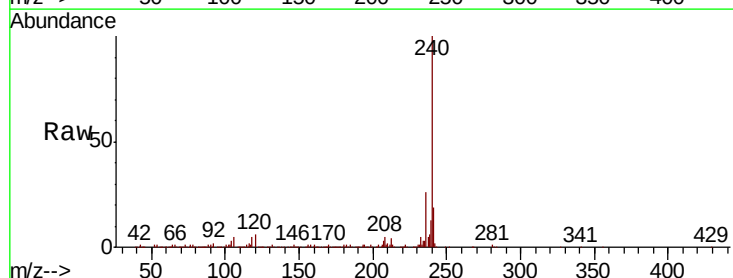
Instrument :
BNA_G
ClientSampleId :
SP2-G

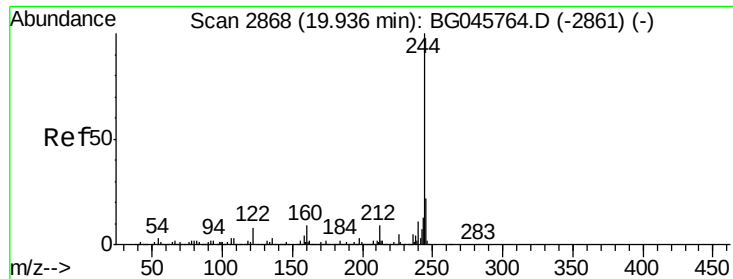
Tot Ion:188 Resp: 341056
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 7.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG045904.D
Acq: 1 Jul 2020 13:43

Tgt Ion:240 Resp: 341983
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.2
236 26.4 21.2 31.8

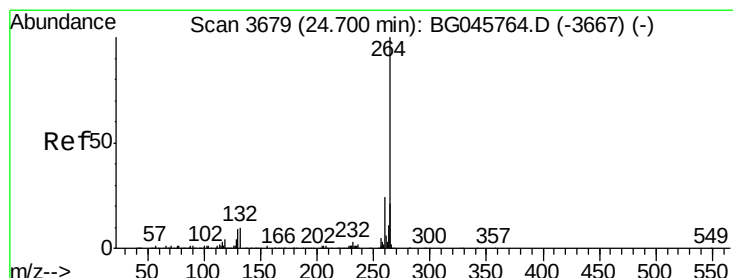
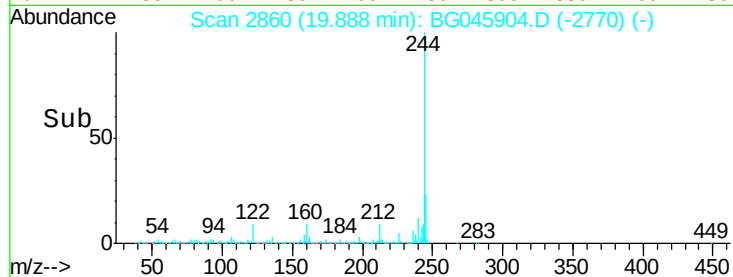
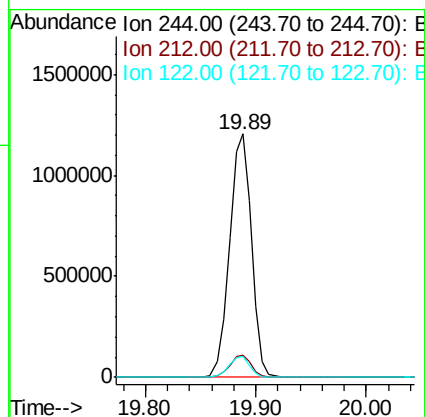
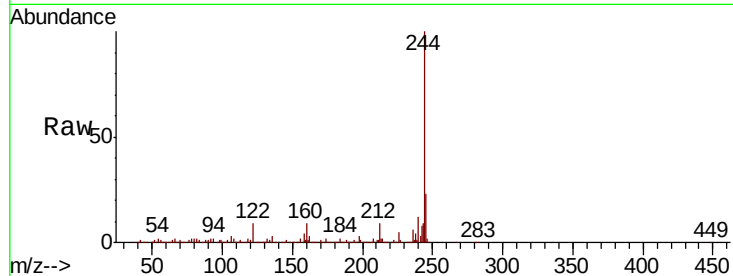




#79
 Terphenyl-d14
 Concen: 99.383 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BG045904.D
 Acq: 1 Jul 2020 13:43

Instrument :
 BNA_G
 ClientSampleId :
 SP2-G

Tot Ion:244 Resp: 1677068
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.1 10.7
 122 8.5 6.7 10.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.59 min Scan# 3661
 Delta R.T. -0.01 min
 Lab File: BG045904.D
 Acq: 1 Jul 2020 13:43

Tgt Ion:264 Resp: 336253
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.7 26.5
 265 21.6 16.9 25.3

