

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045789.D
 Acq On : 17 Jun 2020 14:03
 Operator : CG/JU
 Sample : L3017-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SG1

Quant Time: Jun 17 14:41:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

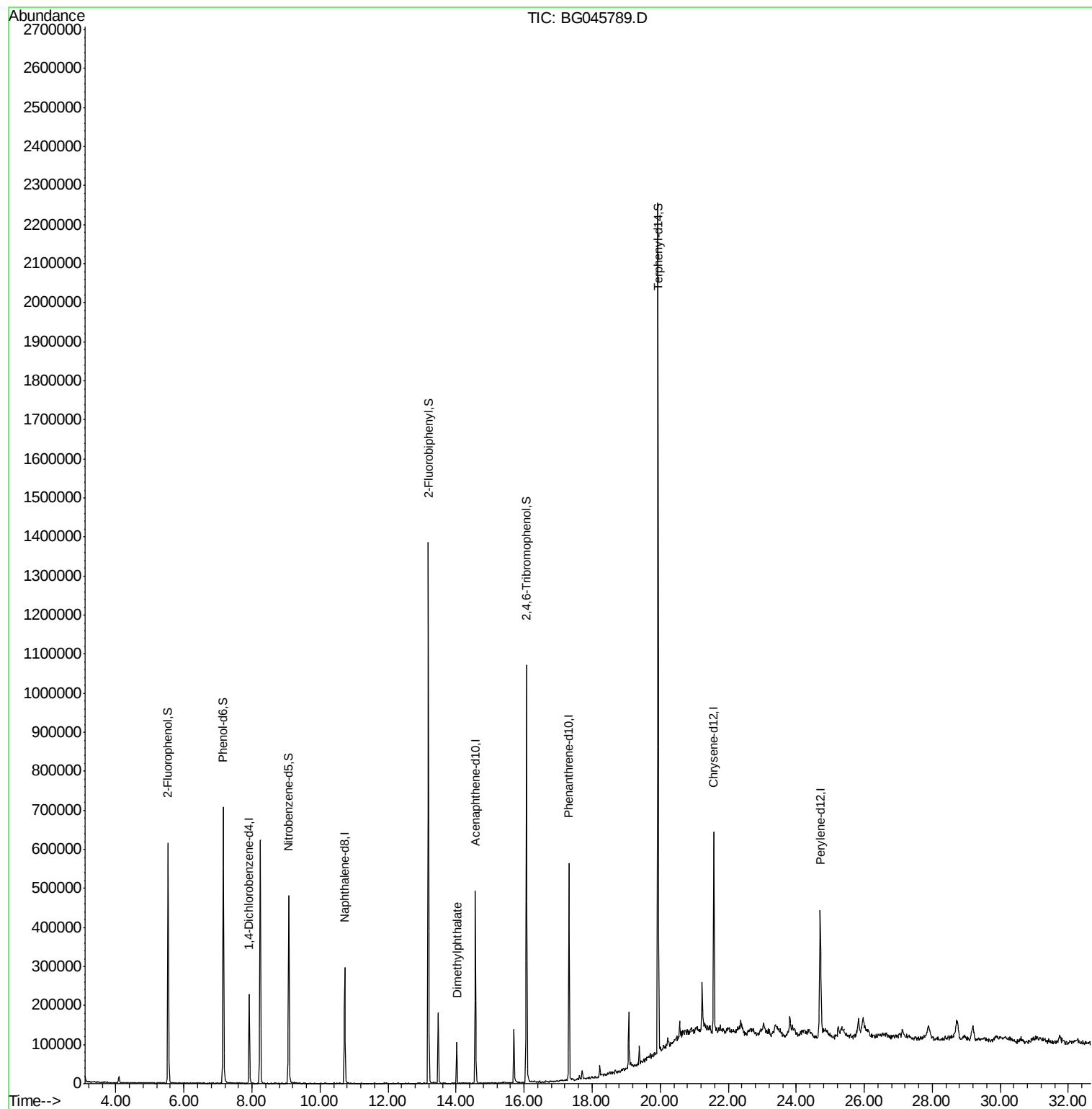
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66409	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	265915	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	182358	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	369987	20.00	ng	0.00
76) Chrysene-d12	21.57	240	324752	20.00	ng	0.00
86) Perylene-d12	24.71	264	352123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	303253	77.14	ng	0.00
7) Phenol-d6	7.16	99	475017	79.44	ng	0.00
23) Nitrobenzene-d5	9.08	82	343301	58.98	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	224669	81.60	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	768686	61.95	ng	0.00
79) Terphenyl-d14	19.94	244	1067305	66.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	72604	5.082	ng	Qvalue 97

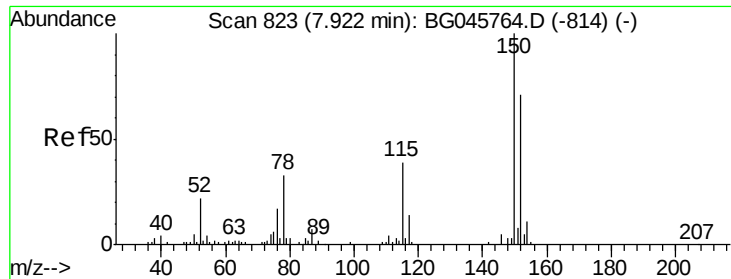
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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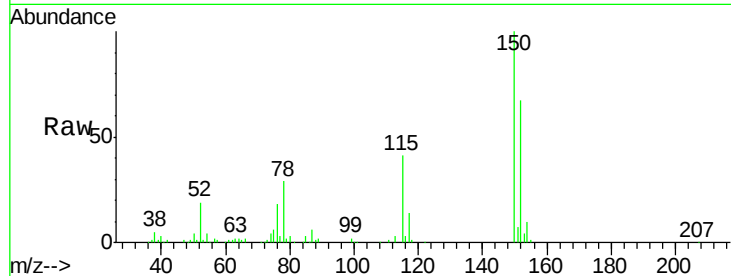


#1

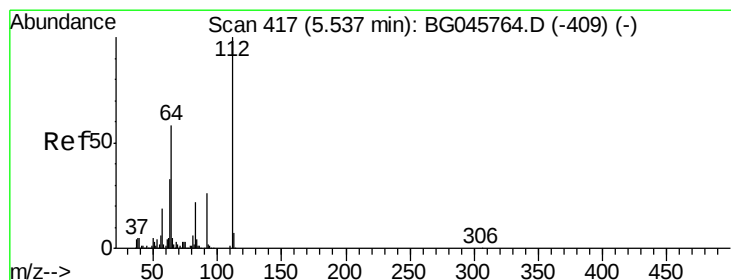
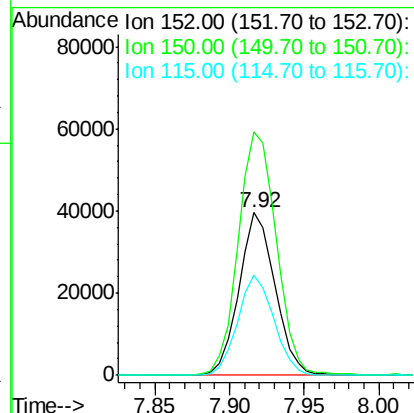
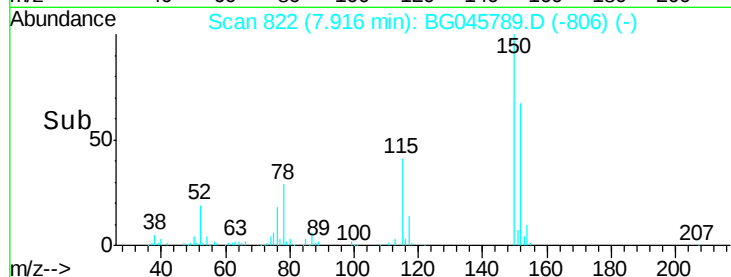
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Instrument :
BNA_G
ClientSampleId :
SG1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	113.1	169.7
115	61.5	43.8	65.6



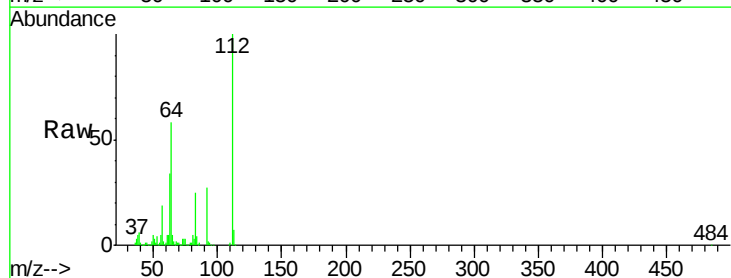
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



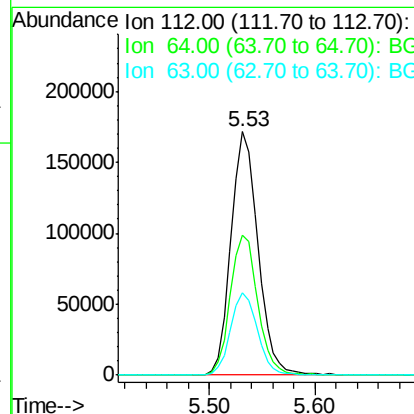
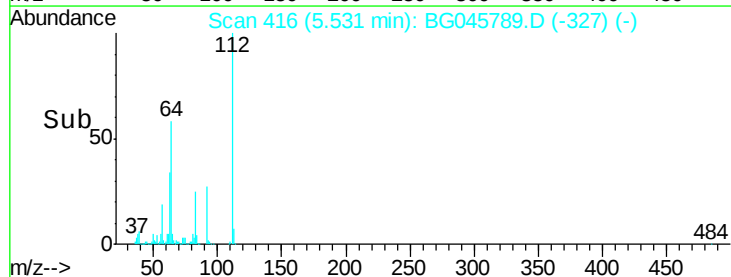
#5

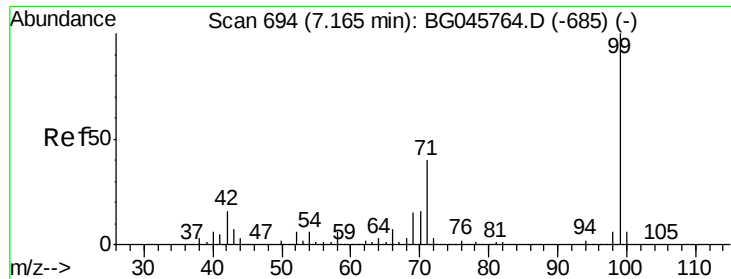
2-Fluorophenol
Concen: 77.138 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	69.8
63	33.7	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: 79.436 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Instrument :

BNA_G

ClientSampleId :

SG1

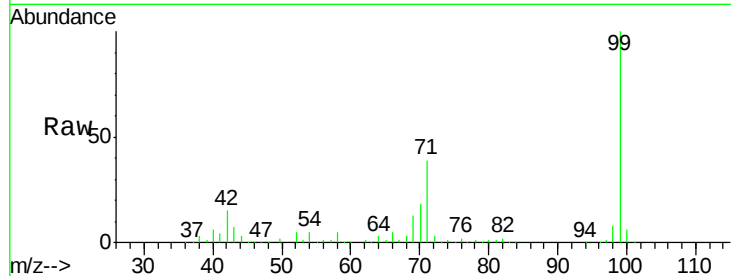
Tot Ion: 99 Resp: 475017

Ion Ratio Lower Upper

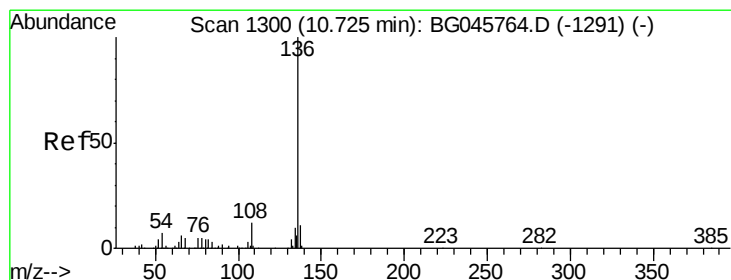
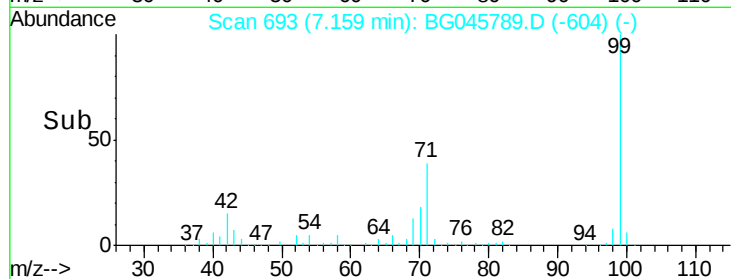
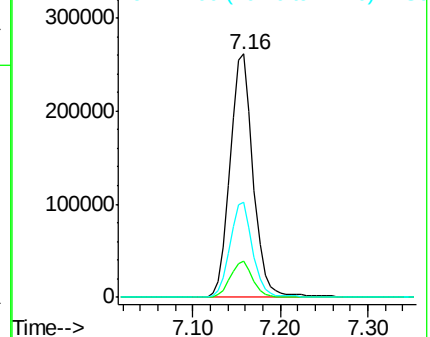
99 100

42 14.9 12.4 18.6

71 38.9 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# 1300

Delta R.T. -0.00 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Tgt Ion: 136 Resp: 265915

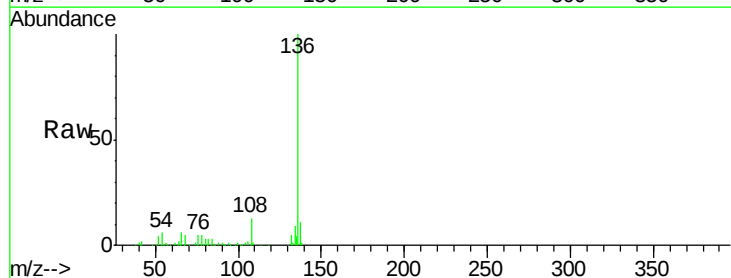
Ion Ratio Lower Upper

136 100

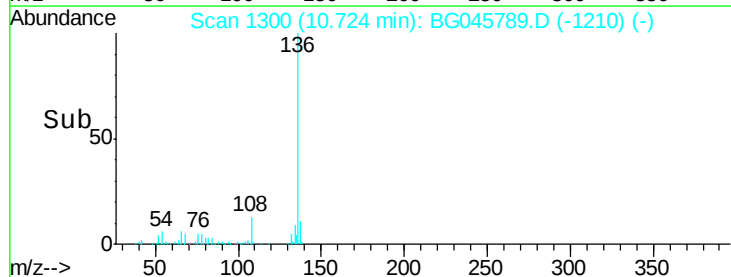
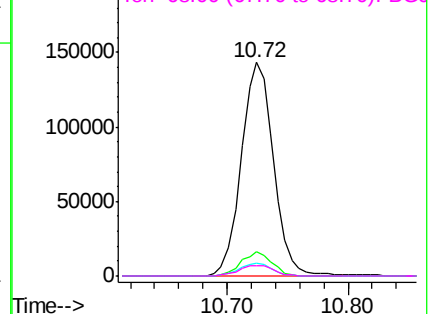
137 11.3 8.7 13.1

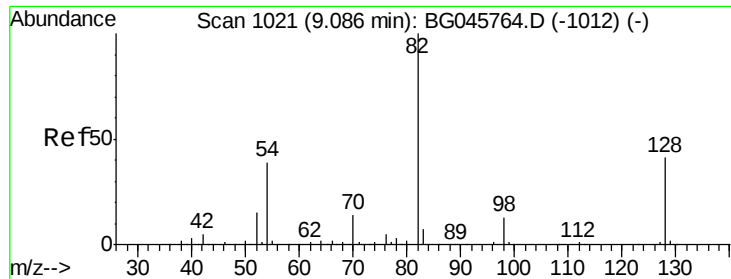
54 6.1 5.8 8.6

68 5.0 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

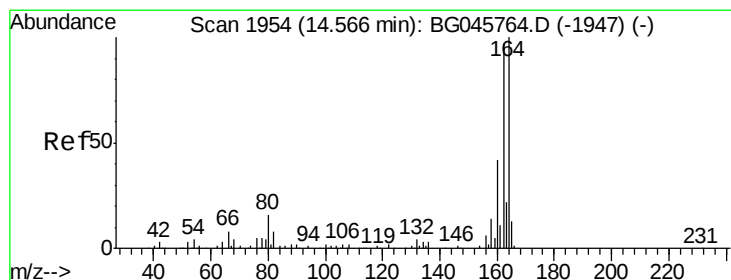
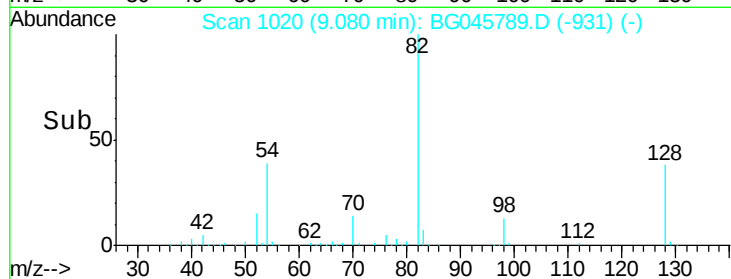
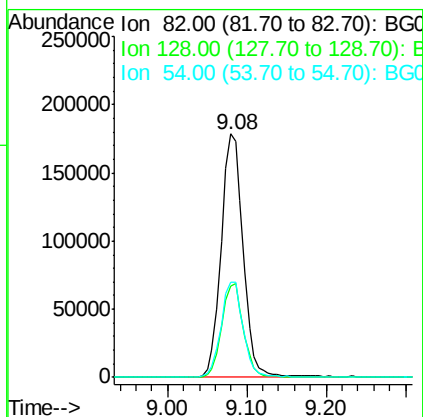
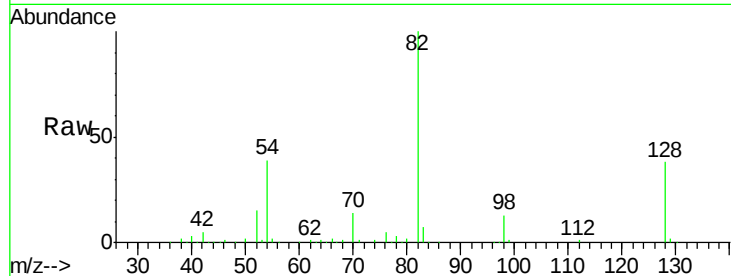




#23
Nitrobenzene-d5
Concen: 58.978 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

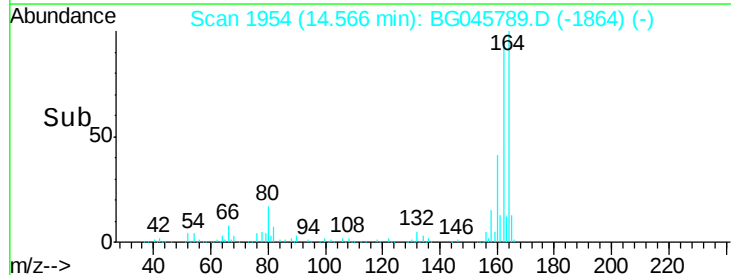
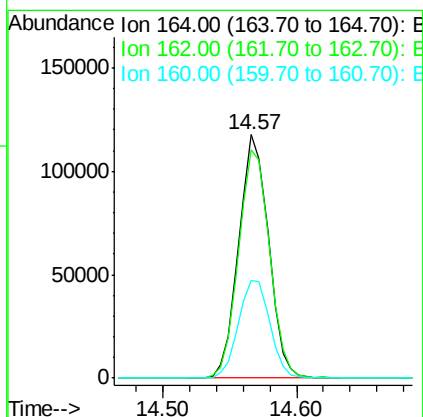
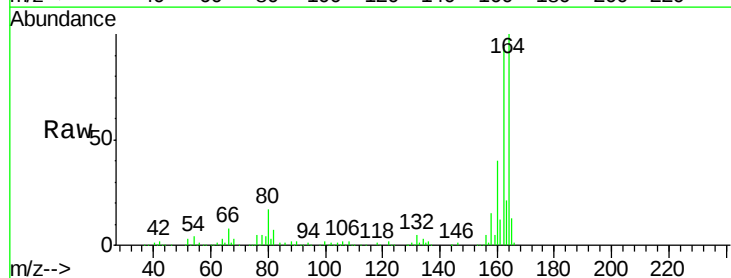
Instrument :
BNA_G
ClientSampled :
SG1

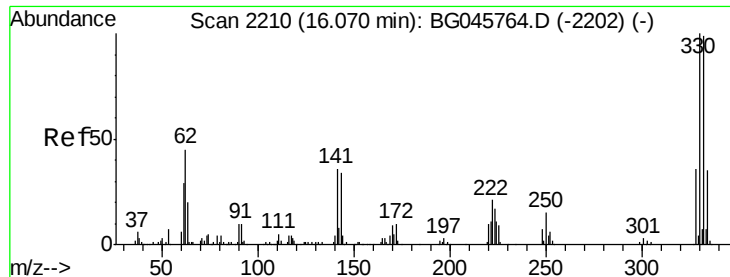
Tot Ion	82	Resp	343301
Ion Ratio	100	Lower	Upper
128	37.8	32.5	48.7
54	39.1	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion	164	Resp	182358
Ion Ratio	100	Lower	Upper
162	93.8	77.4	116.0
160	40.3	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 81.605 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Instrument :

BNA_G

ClientSampleId :

SG1

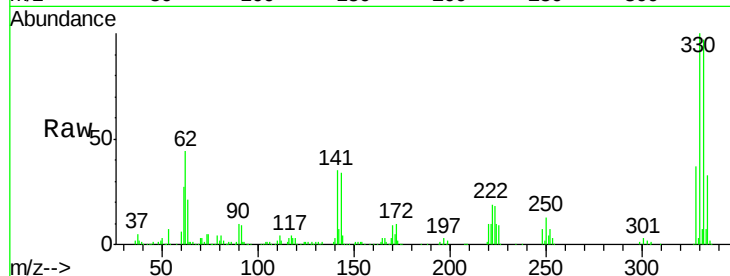
Tot Ion:330 Resp: 224669

Ion Ratio Lower Upper

330 100

332 97.9 78.6 117.8

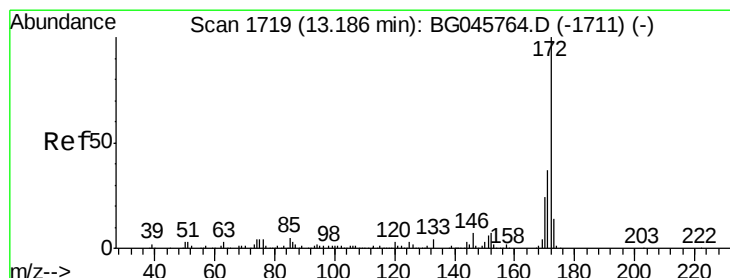
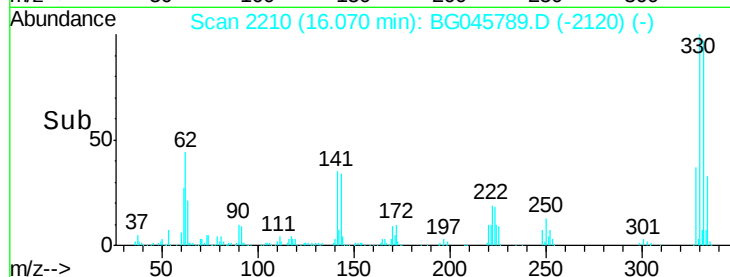
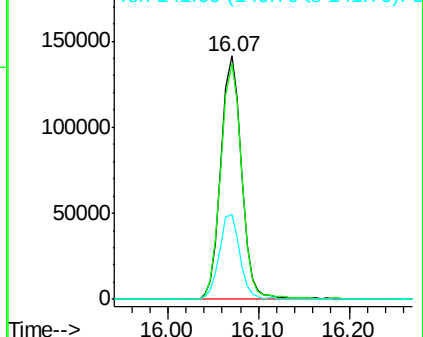
141 34.6 28.2 42.4



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: 61.946 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

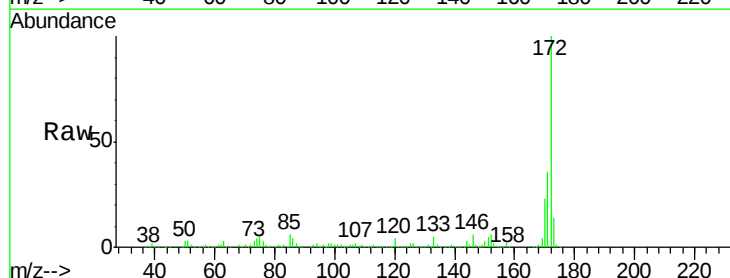
Tgt Ion:172 Resp: 768686

Ion Ratio Lower Upper

172 100

171 35.8 29.9 44.9

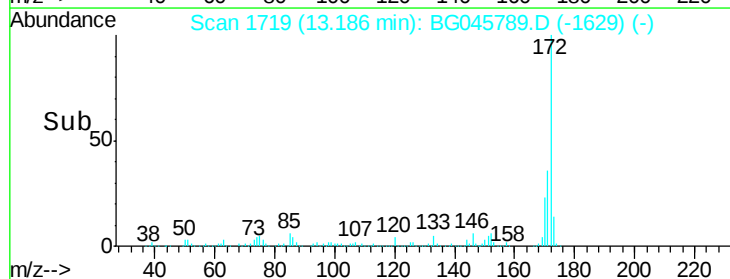
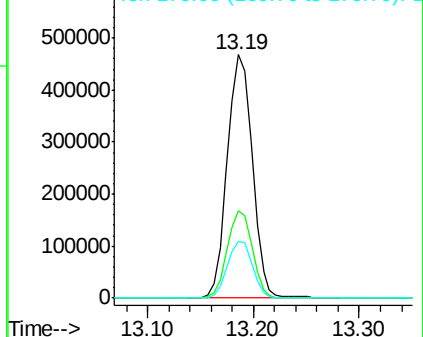
170 23.3 19.3 28.9

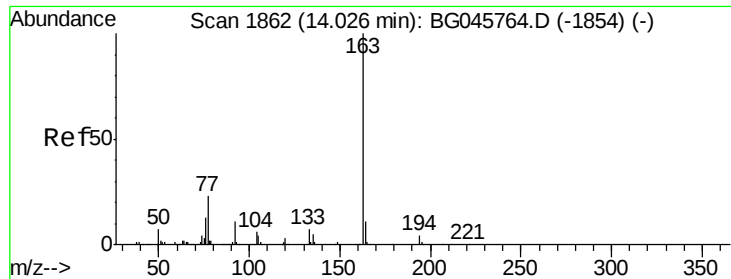


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

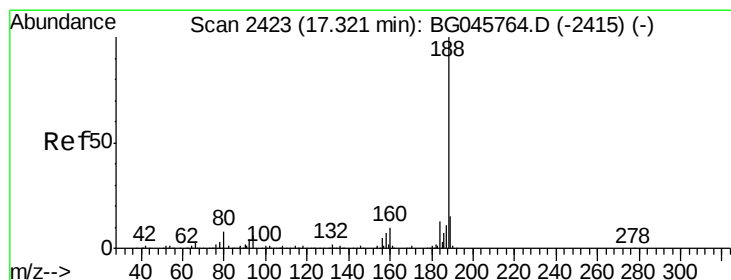
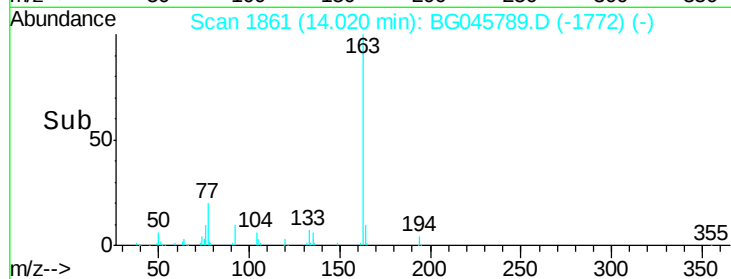
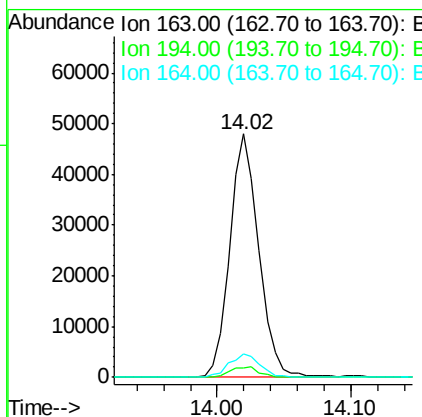
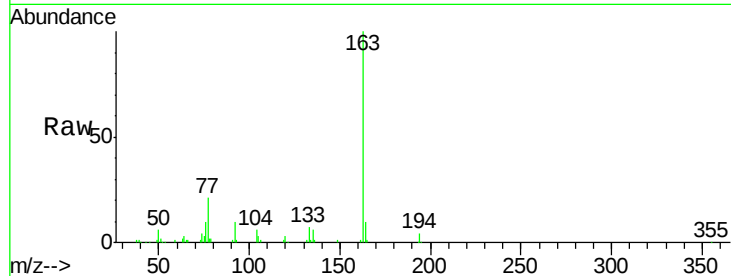




#50
Dimethylphthalate
Concen: 5.082 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

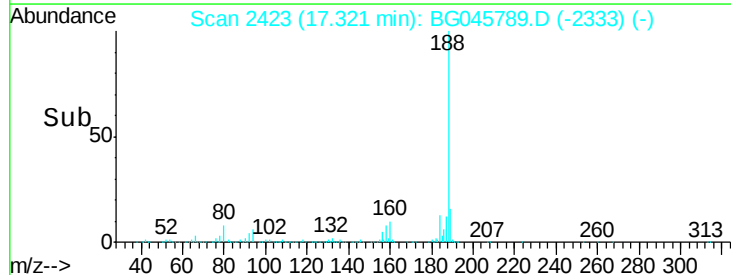
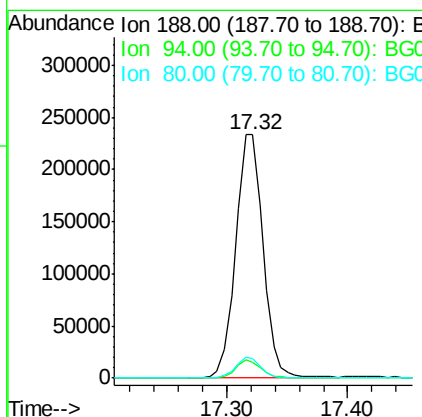
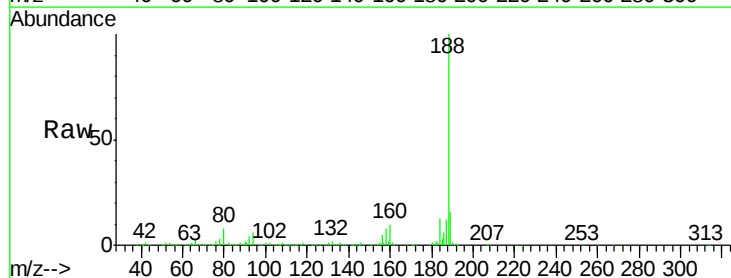
Instrument :
BNA_G
ClientSampleId :
SG1

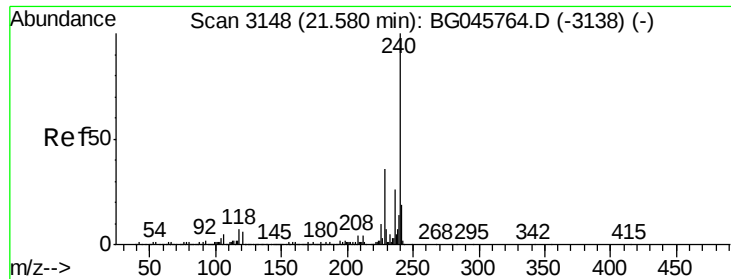
Tot Ion:163 Resp: 72604
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.6 8.9 13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Tgt Ion:188 Resp: 369987
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.8 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

Instrument :

BNA_G

ClientSampleId :

SG1

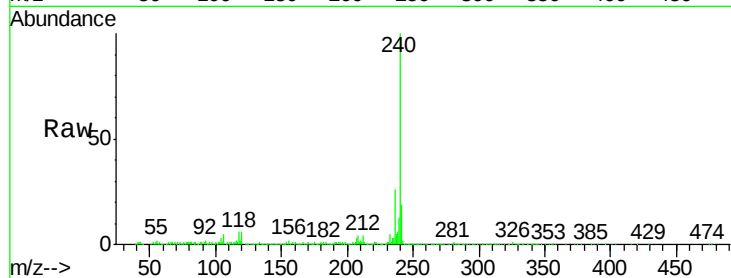
Tot Ion:240 Resp: 324752

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

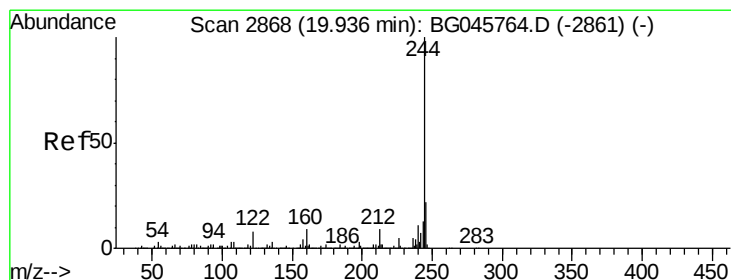
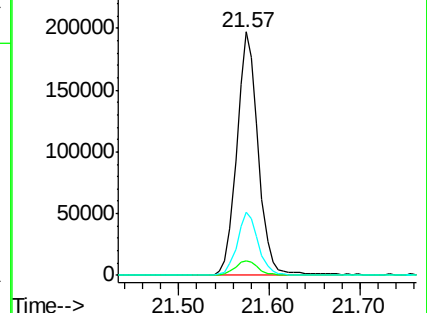
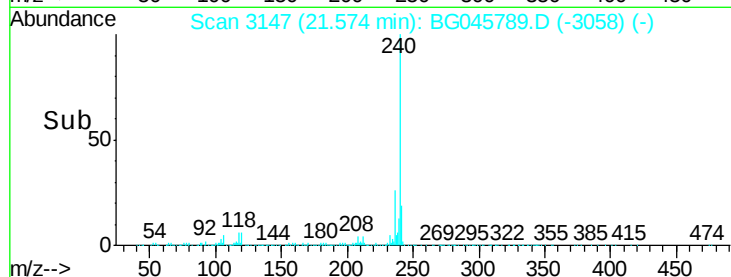
236 26.0 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 66.605 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045789.D

Acq: 17 Jun 2020 14:03

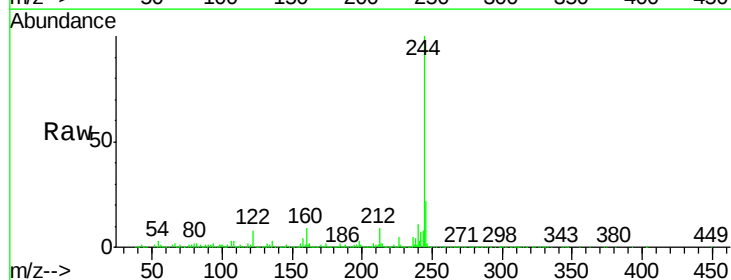
Tgt Ion:244 Resp: 1067305

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

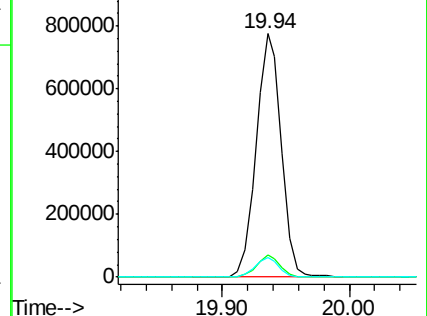
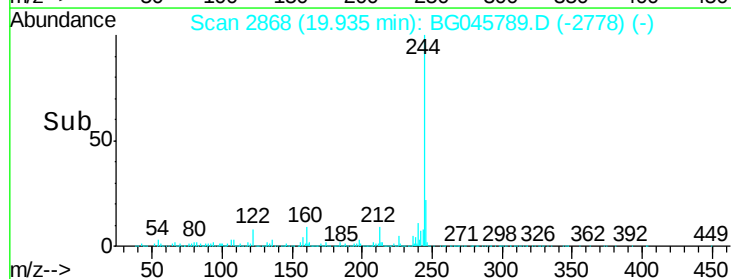
122 7.9 6.4 9.6

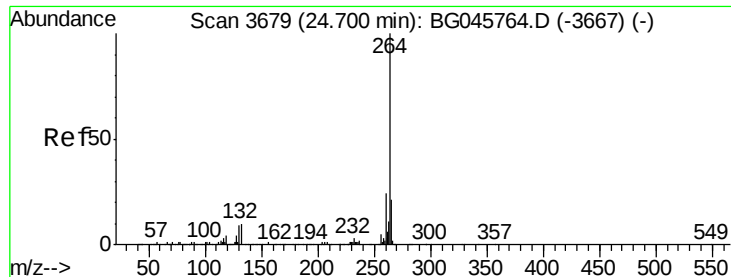


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045789.D
Acq: 17 Jun 2020 14:03

Instrument :
BNA_G
ClientSampleId :
SG1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	20.9	17.4	26.0

