

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045773.D
 Acq On : 16 Jun 2020 15:21
 Operator : CG/JU
 Sample : PB129573BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BL

Quant Time: Jun 16 17:24:27 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	50777	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	200161	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	144900	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343841	20.00	ng	0.00
76) Chrysene-d12	21.57	240	335886	20.00	ng	0.00
86) Perylene-d12	24.70	264	351007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	403478	134.23	ng	0.00
7) Phenol-d6	7.16	99	553634	121.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	386391	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	296931	135.73	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	917051	93.01	ng	0.00
79) Terphenyl-d14	19.94	244	1671030	100.82	ng	0.00

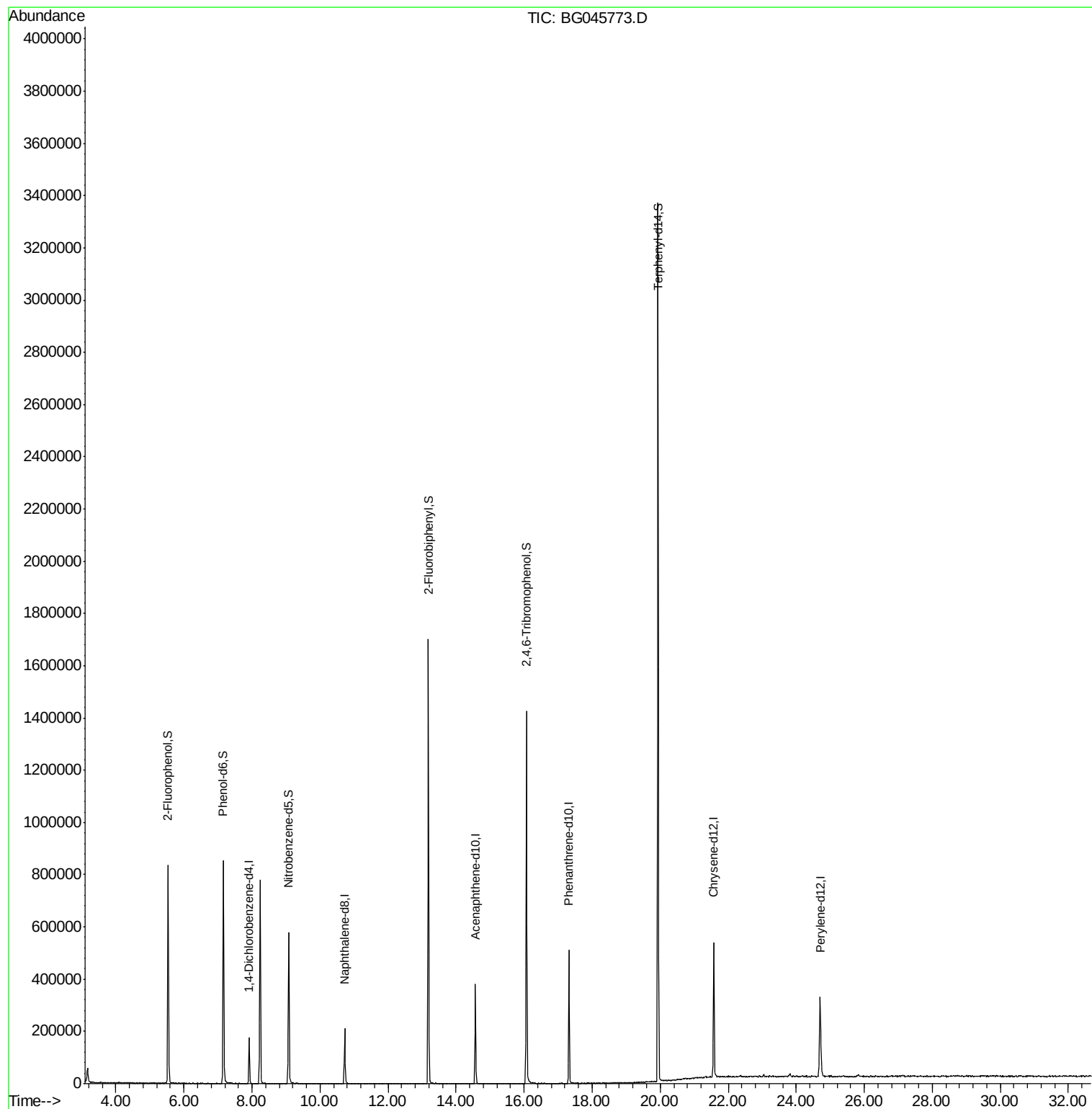
Target Compounds Qvalue

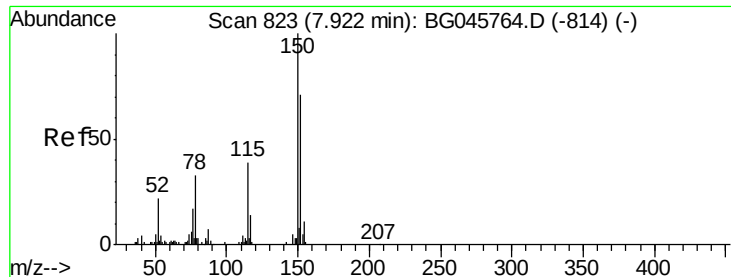
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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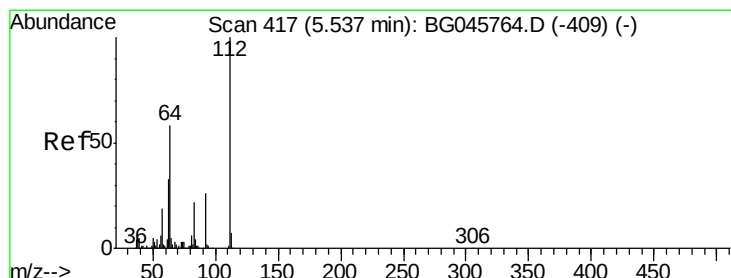
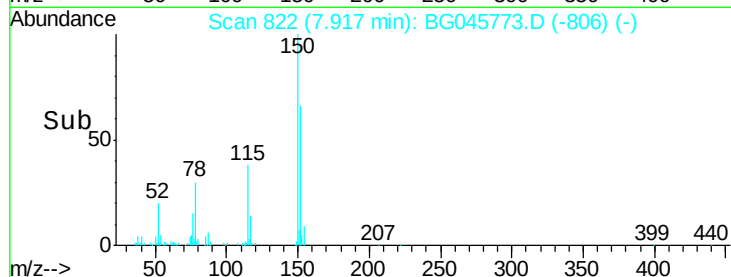
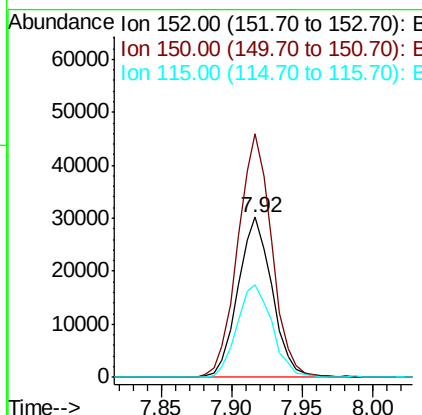
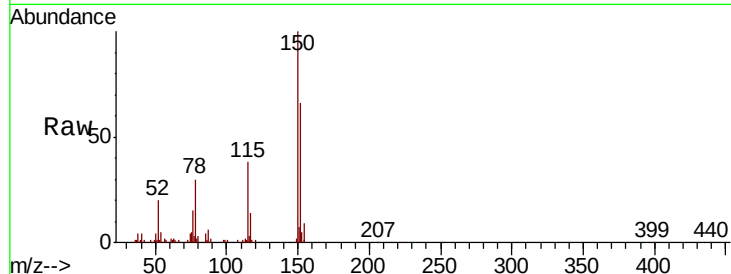


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BL

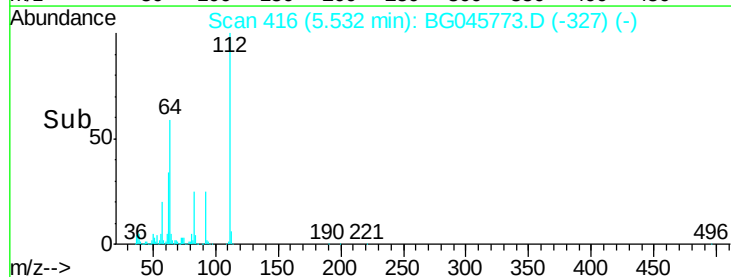
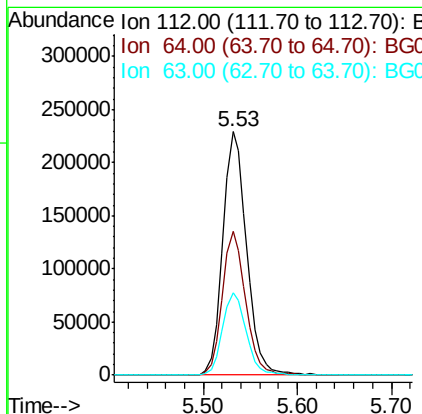
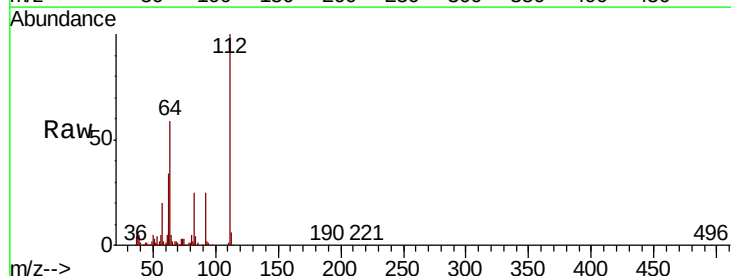
Tot Ion	152	Resp	50777
Ion	Ratio	Lower	Upper
152	100		
150	152.1	113.1	169.7
115	57.6	43.8	65.6

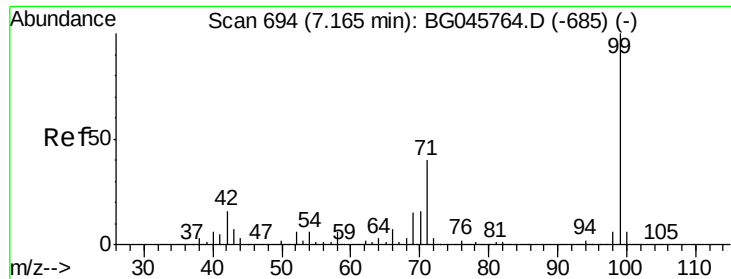


#5

2-Fluorophenol
 Concen: 134.228 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Tgt Ion	112	Resp	403478
Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	69.8
63	33.9	26.3	39.5





#7

Phenol-d6

Concen: 121.085 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

Instrument :

BNA_G

ClientSampleId :

PB129573BL

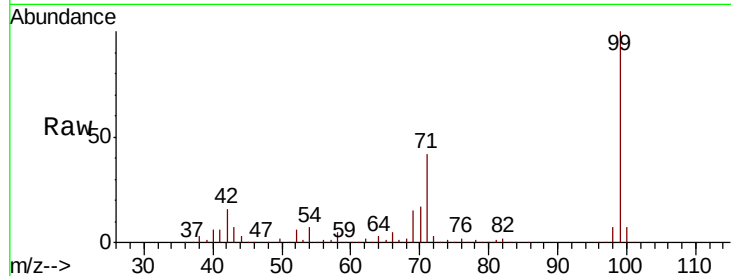
Tot Ion: 99 Resp: 553634

Ion Ratio Lower Upper

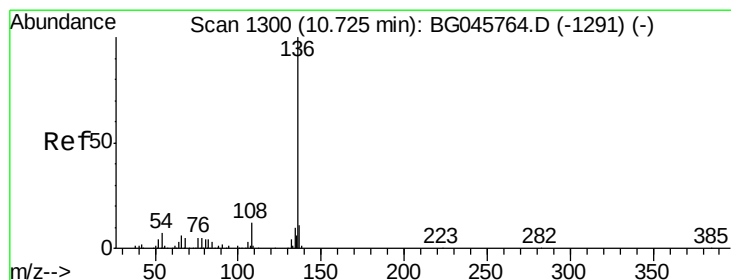
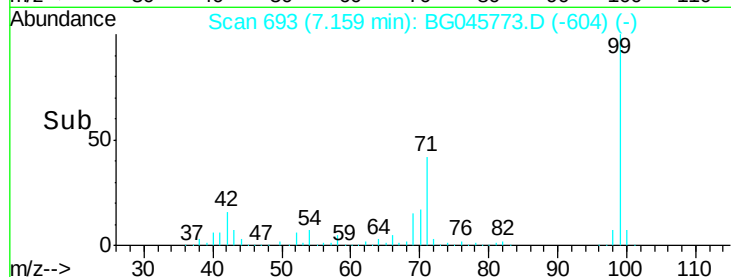
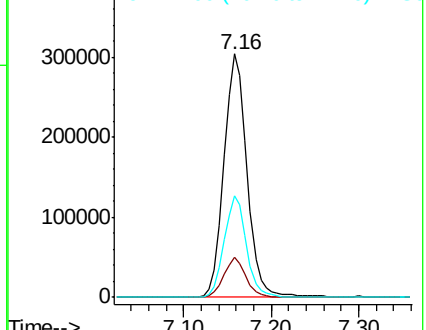
99 100

42 16.3 12.4 18.6

71 41.6 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# 1300

Delta R.T. -0.00 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

Tgt Ion: 136 Resp: 200161

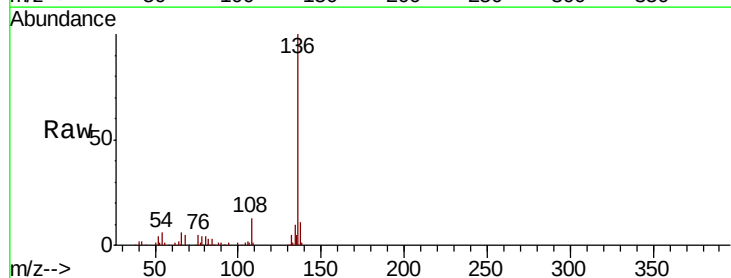
Ion Ratio Lower Upper

136 100

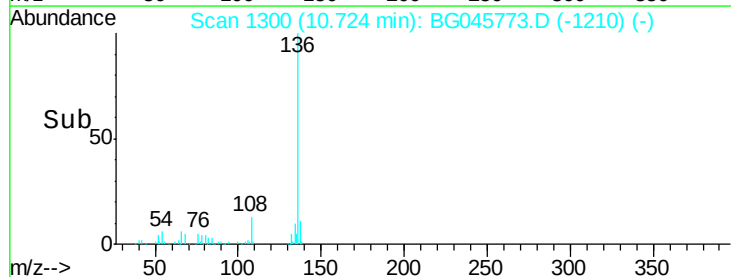
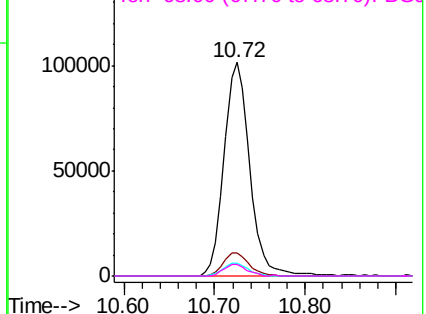
137 11.0 8.7 13.1

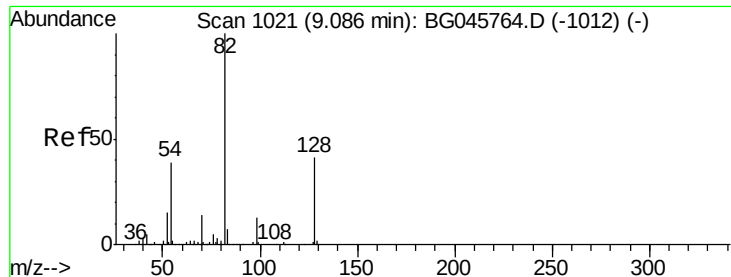
54 6.0 5.8 8.6

68 5.3 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

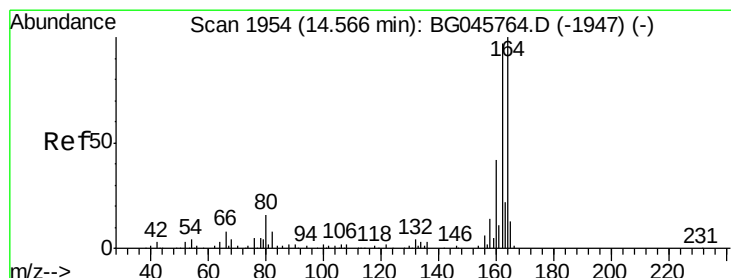
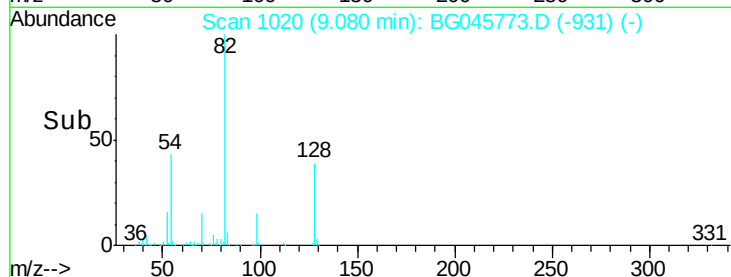
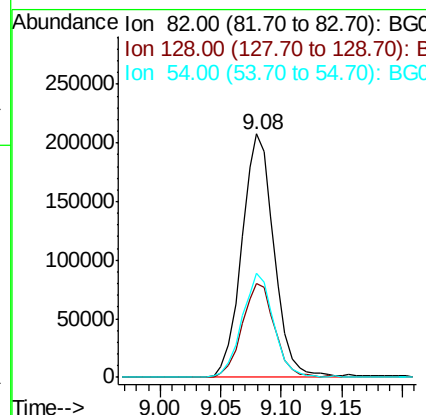
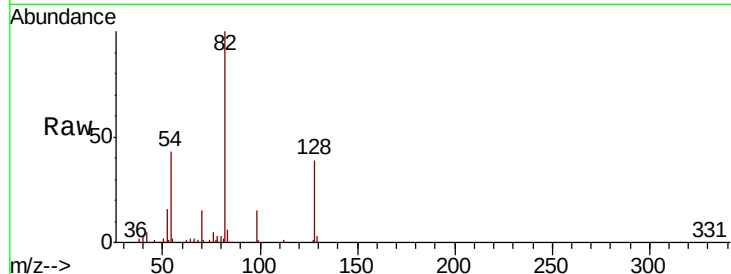




#23
 Nitrobenzene-d5
 Concen: 88.187 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

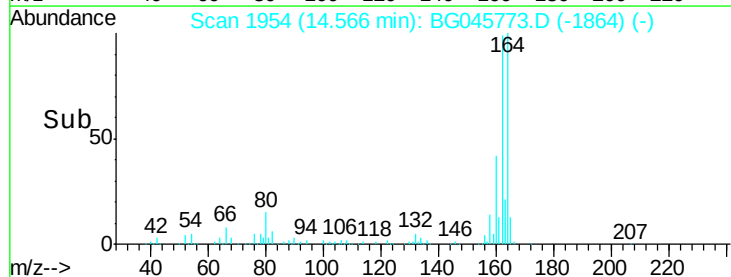
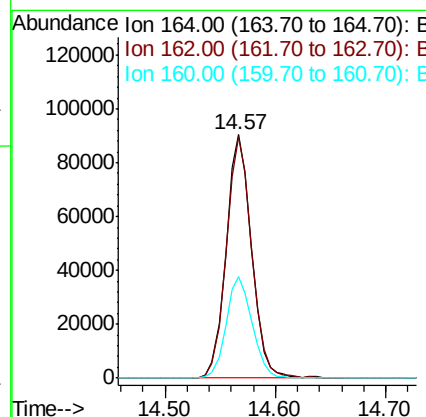
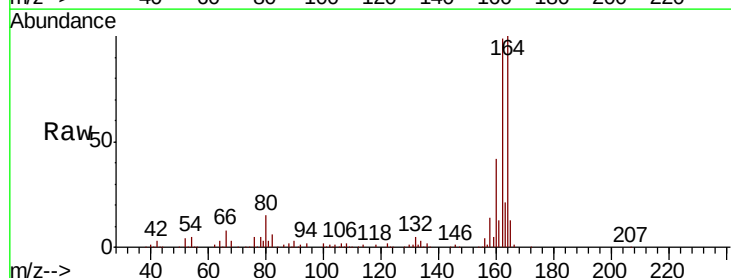
Instrument :
 BNA_G
 ClientSampled :
 PB129573BL

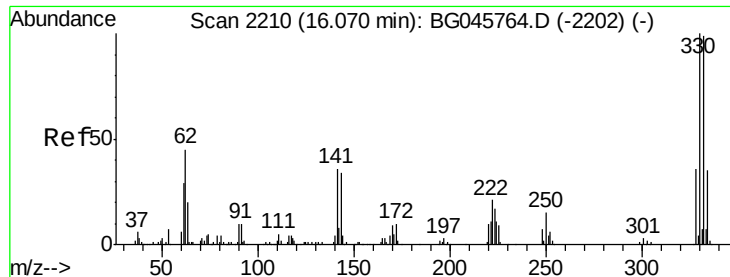
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	42.6	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.4	116.0
160	41.5	33.3	49.9

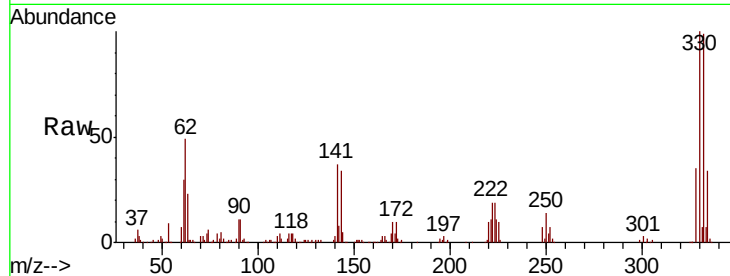




#42
 2,4,6-Tribromophenol
 Concen: 135.733 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	36.6	28.2	42.4

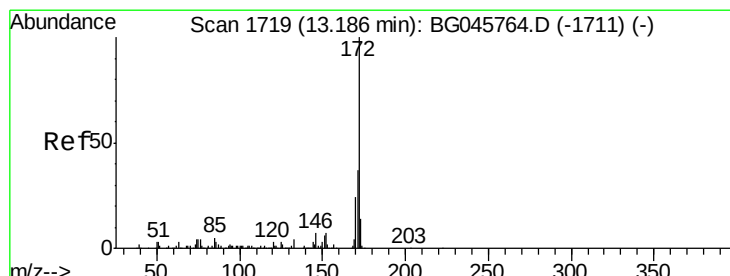
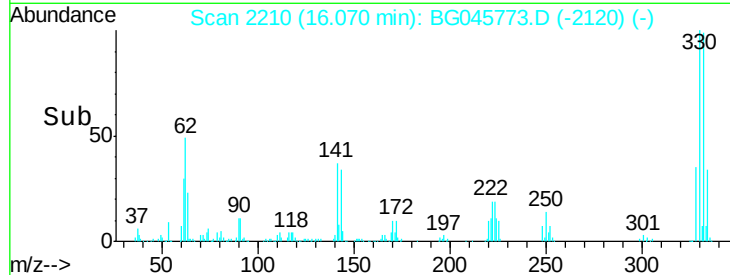
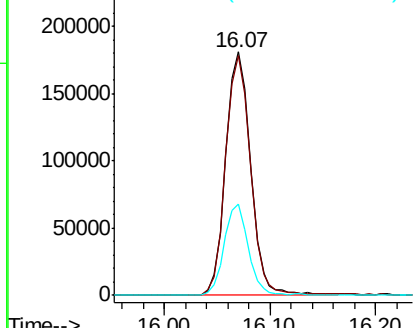


Abundance

Ion 329.80 (329.50 to 330.50): E

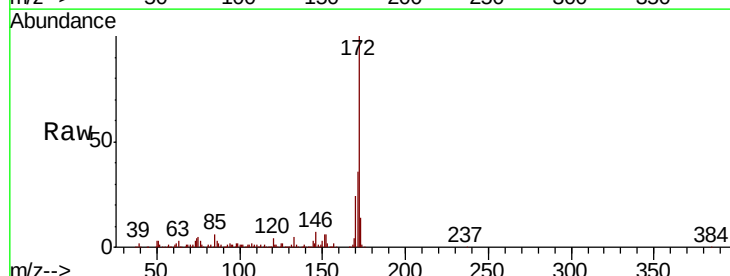
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.006 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	23.8	19.3	28.9

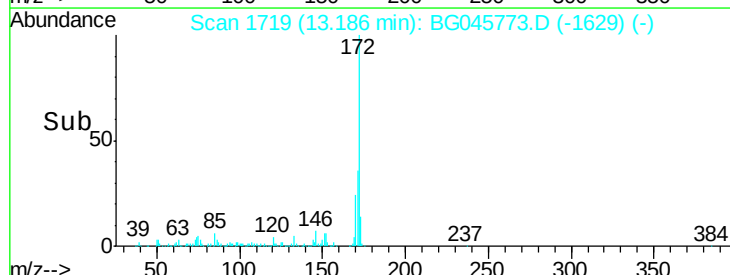
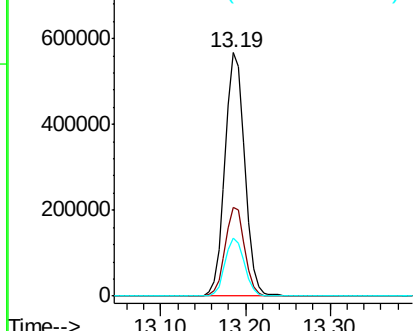


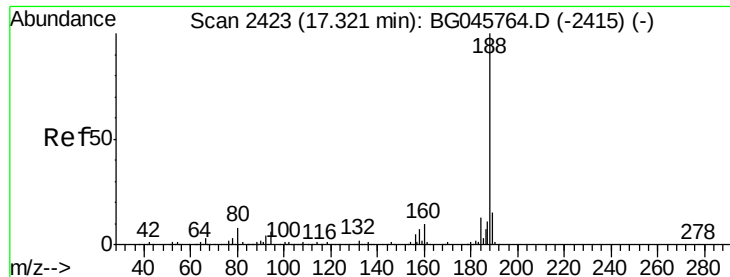
Abundance

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

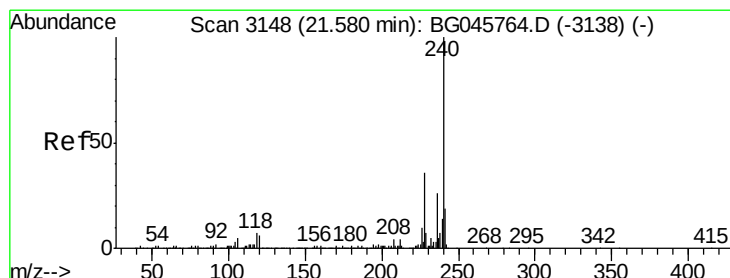
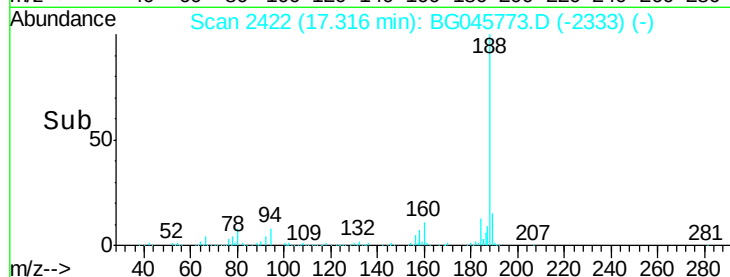
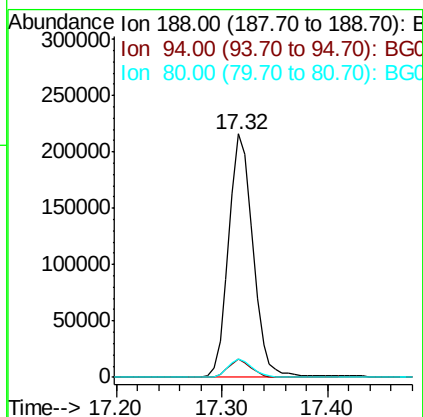
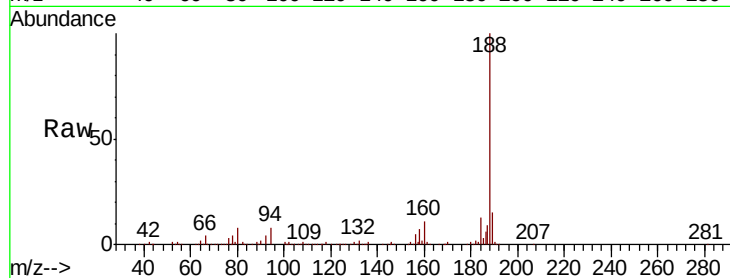




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

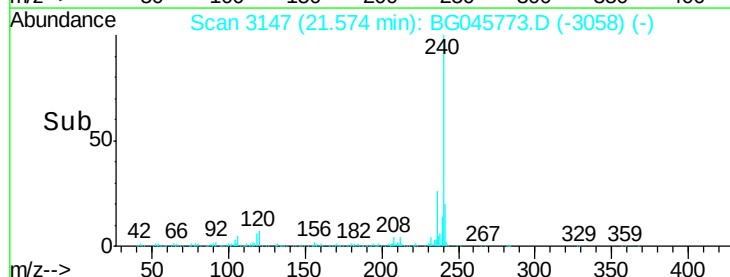
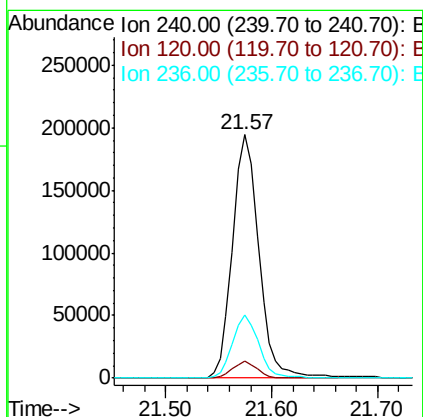
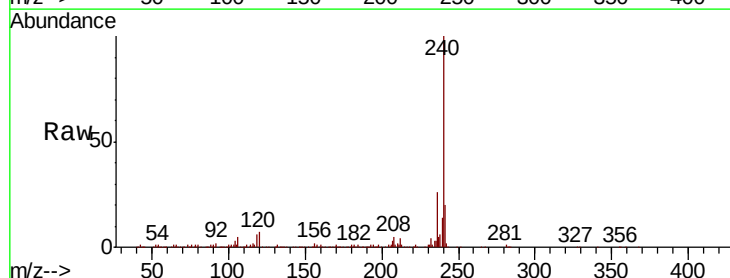
Instrument :
BNA_G
ClientSampleId :
PB129573BL

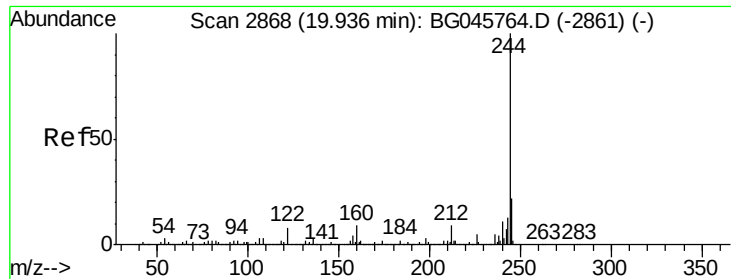
Tot Ion:188 Resp: 343841
Ion Ratio Lower Upper
188 100
94 7.5 5.1 7.7
80 7.7 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:240 Resp: 335886
Ion Ratio Lower Upper
240 100
120 6.9 5.0 7.4
236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 100.823 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

Instrument :

BNA_G

ClientSampleId :

PB129573BL

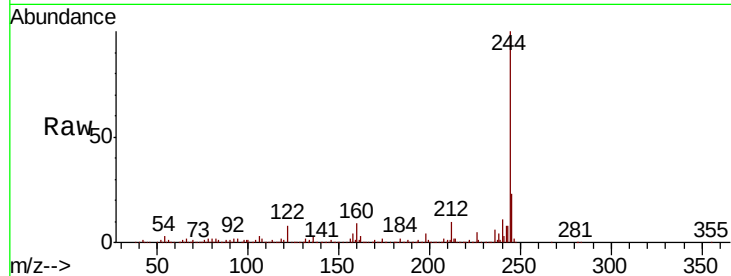
Tot Ion:244 Resp: 1671030

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

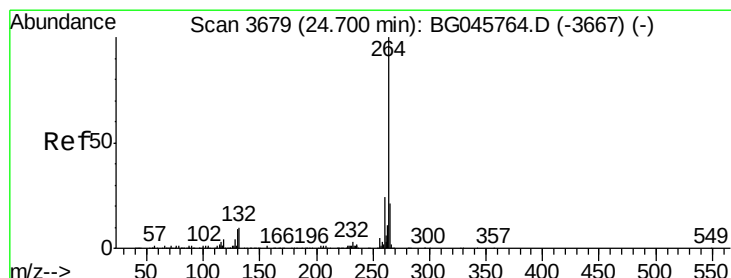
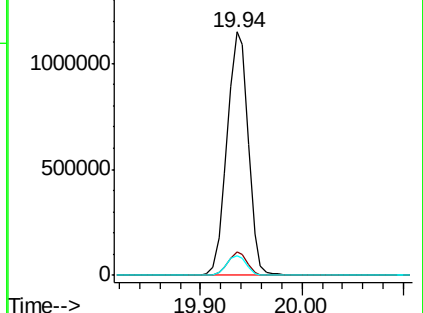
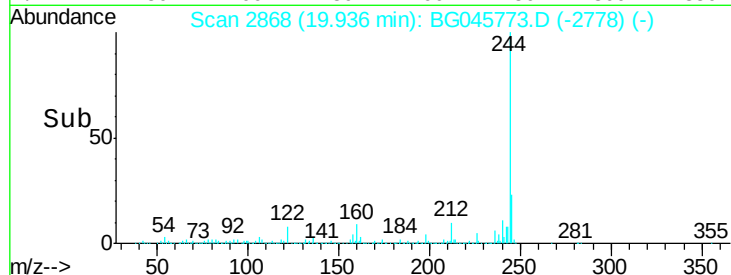
122 8.3 6.4 9.6



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: 24.70 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

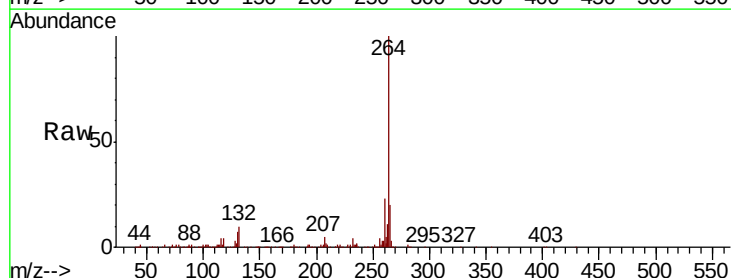
Tgt Ion:264 Resp: 351007

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 19.7 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

