

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045731.D
 Acq On : 11 Jun 2020 21:39
 Operator : CG/JU
 Sample : L2810-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920

Quant Time: Jun 12 03:22:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

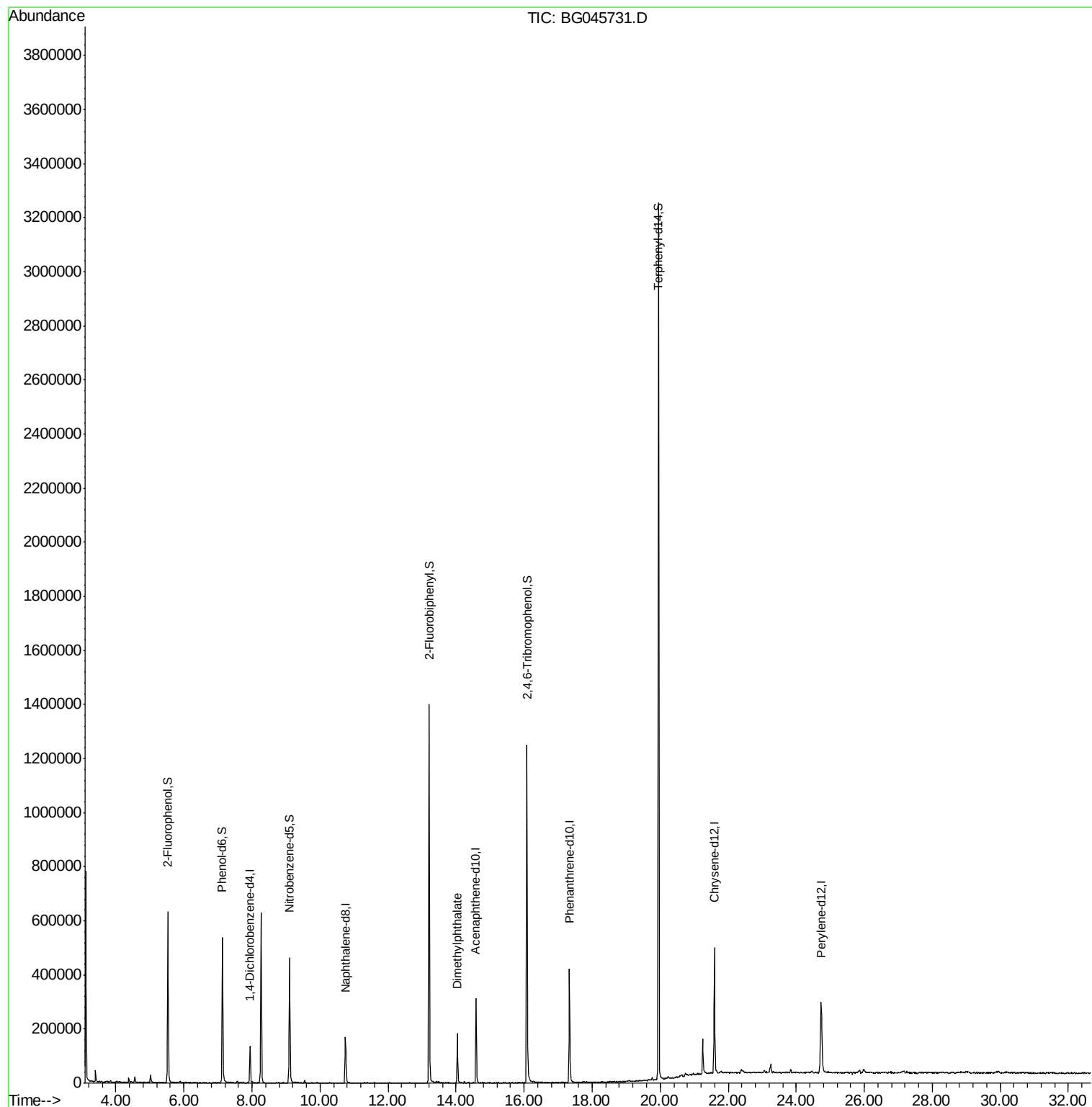
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	39893	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	158099	20.00	ng	-0.01
39) Acenaphthene-d10	14.58	164	117557	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	294661	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	304869	20.00	ng	-0.01
87) Perylene-d12	24.73	264	316316	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	290327	142.23	ng	-0.01
7) Phenol-d6	7.13	99	354118	121.88	ng	-0.02
23) Nitrobenzene-d5	9.10	82	331221	114.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	268418	178.54	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	771928	111.38	ng	0.00
79) Terphenyl-d14	19.95	244	1572414	120.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	128025	15.875	ng	Qvalue 99

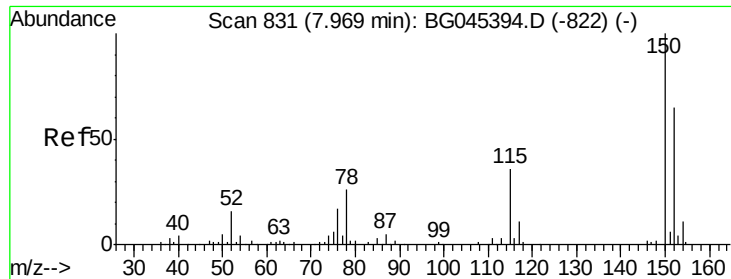
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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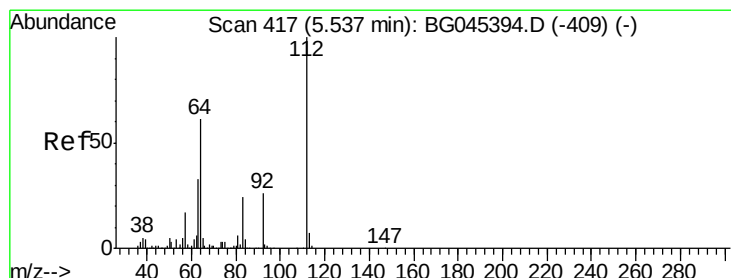
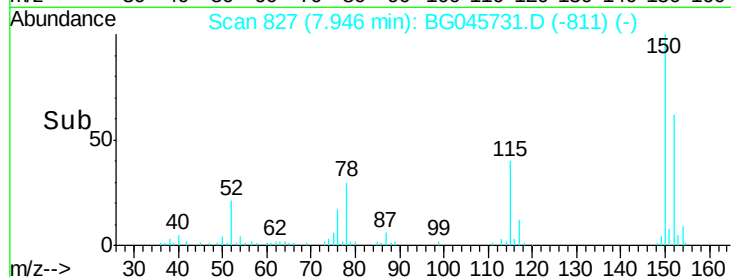
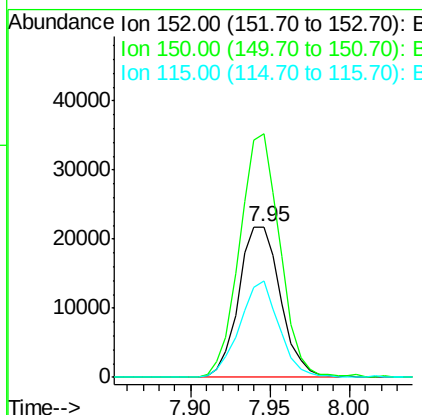
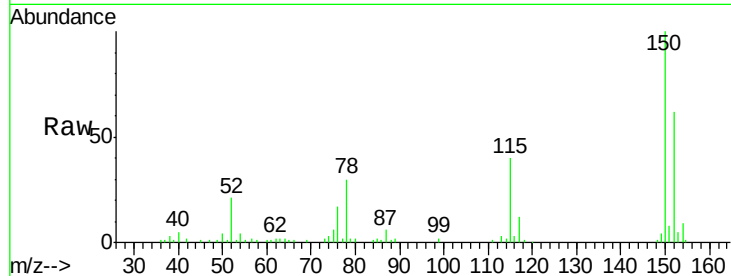


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-060920

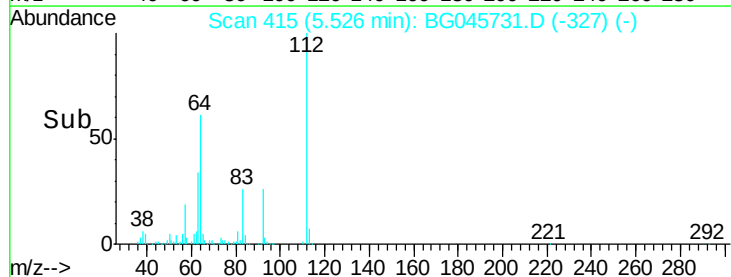
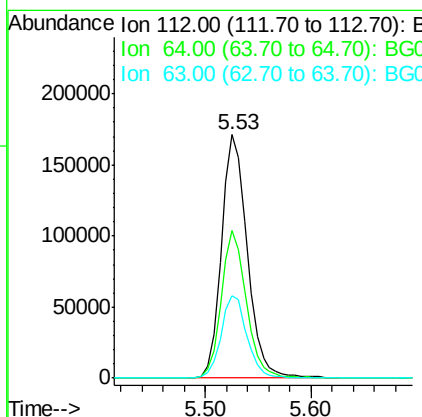
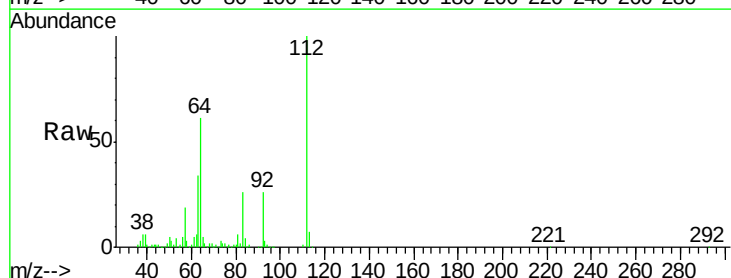
Tot Ion:152 Resp: 39893
Ion Ratio Lower Upper
152 100
150 161.6 122.4 183.6
115 64.2 44.2 66.4

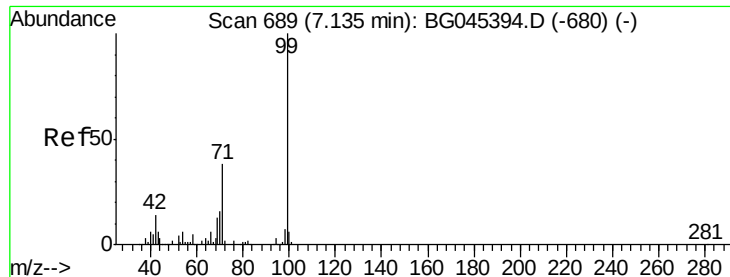


#5

2-Fluorophenol
Concen: 142.227 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045731.D
Acq: 11 Jun 2020 21:39

Tgt Ion:112 Resp: 290327
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 33.8 26.5 39.7





#7

Phenol-d6

Concen: 121.884 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

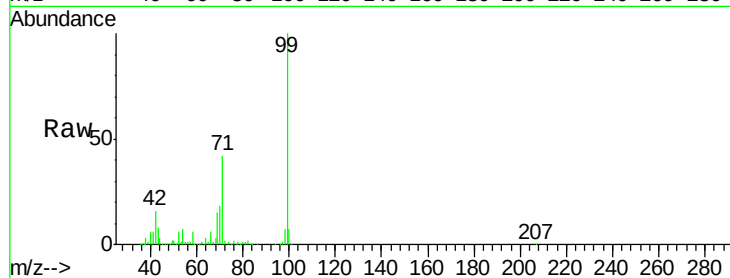
Tot Ion: 99 Resp: 354118

Ion Ratio Lower Upper

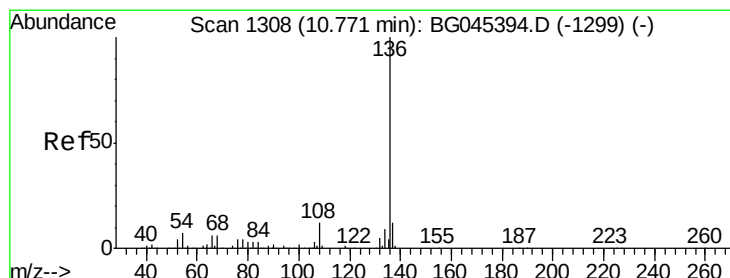
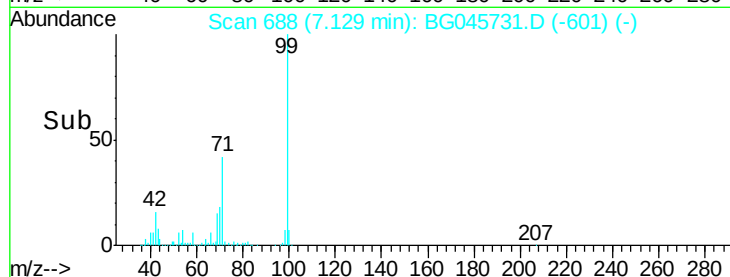
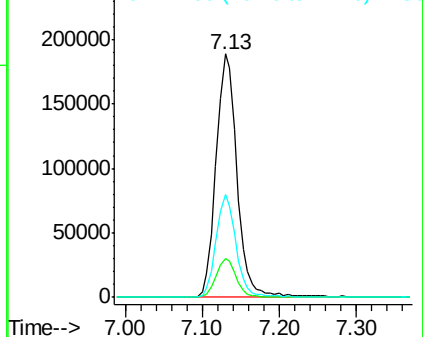
99 100

42 15.7 11.3 16.9

71 42.1 30.8 46.2



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Tgt Ion: 136 Resp: 158099

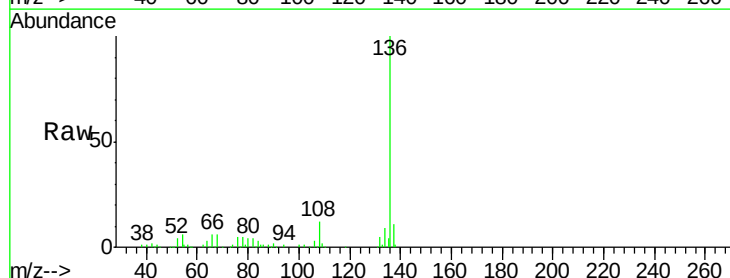
Ion Ratio Lower Upper

136 100

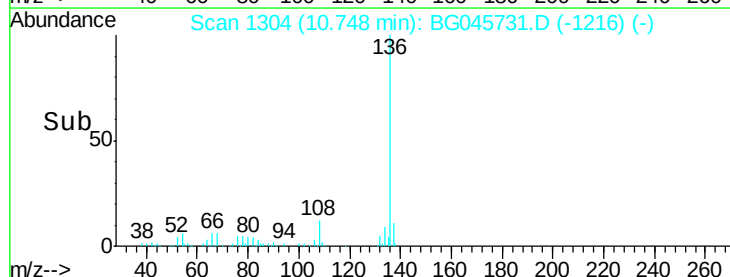
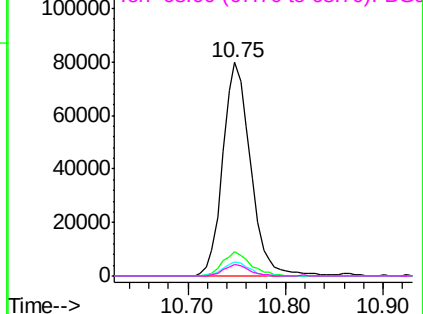
137 11.1 9.4 14.2

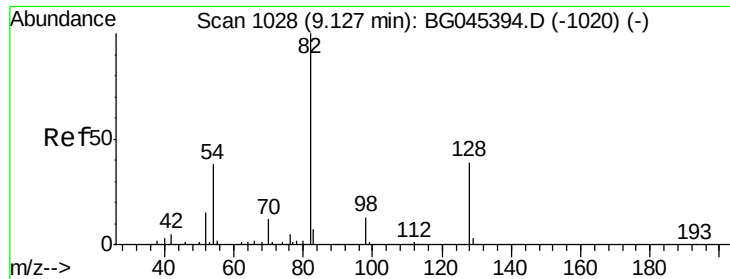
54 6.4 5.8 8.6

68 5.7 4.5 6.7



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

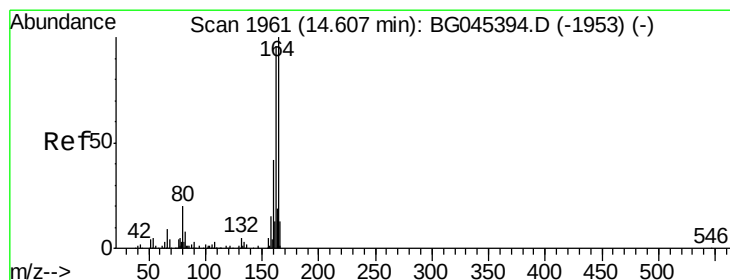
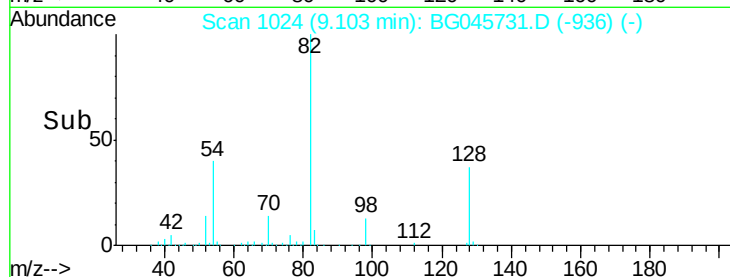
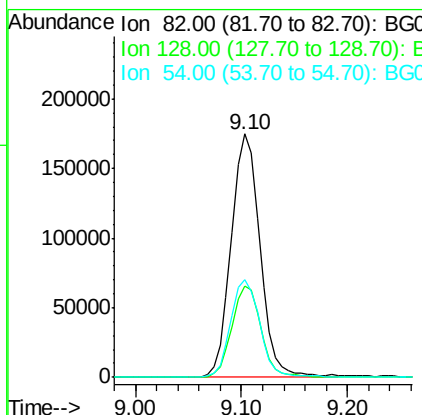
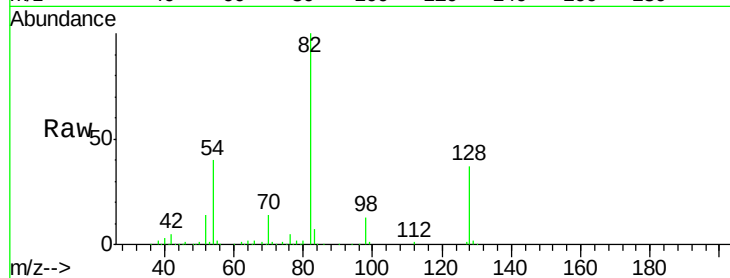




#23
 Nitrobenzene-d5
 Concen: 114.245 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045731.D
 Acq: 11 Jun 2020 21:39

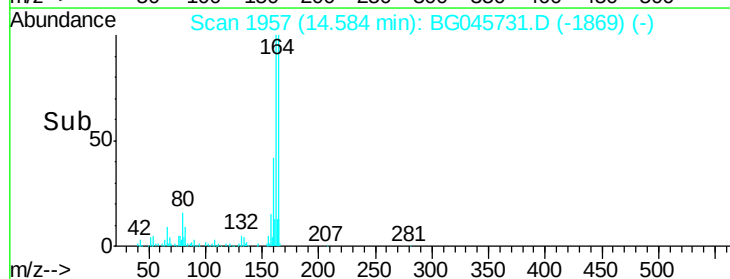
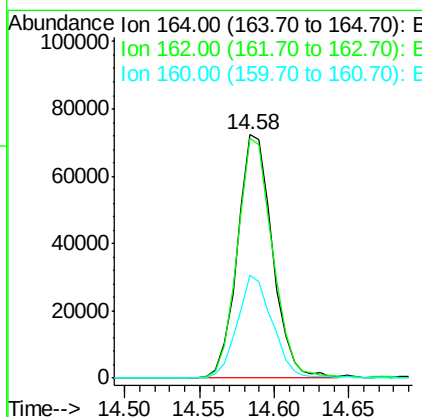
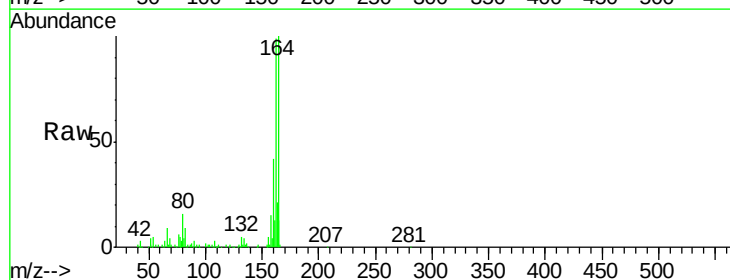
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920

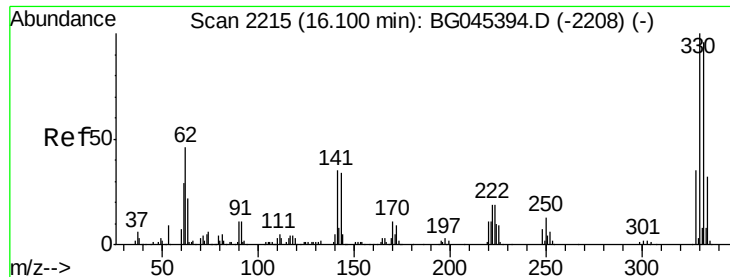
Tot Ion	82	Resp	331221
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.9	46.3
54	39.9	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045731.D
 Acq: 11 Jun 2020 21:39

Tgt Ion	164	Resp	117557
Ion Ratio	Lower	Upper	
164	100		
162	98.7	76.9	115.3
160	42.0	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 178.538 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

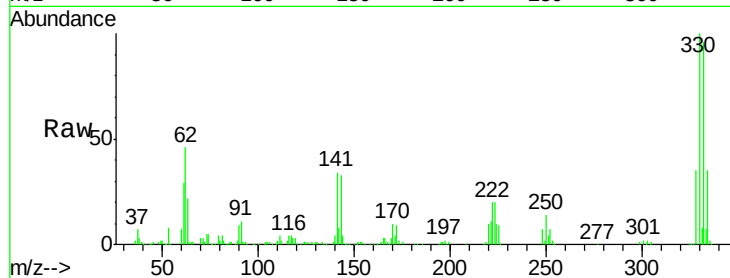
Tot Ion:330 Resp: 268418

Ion Ratio Lower Upper

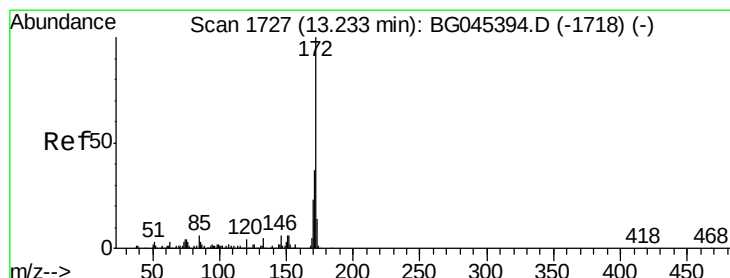
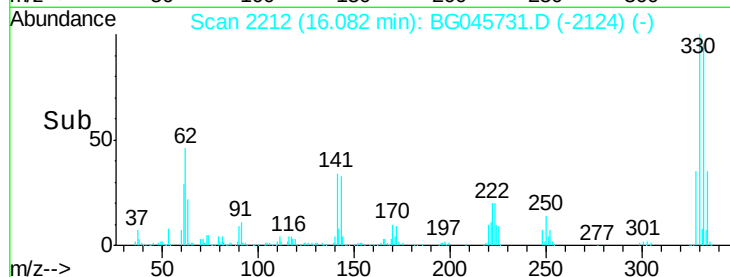
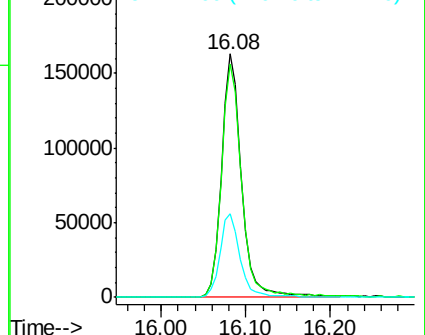
330 100

332 96.6 78.2 117.4

141 34.9 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: 111.380 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

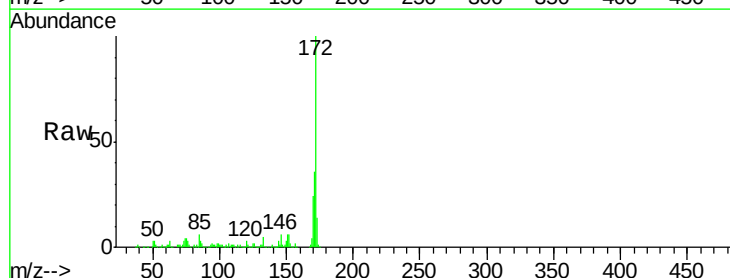
Tgt Ion:172 Resp: 771928

Ion Ratio Lower Upper

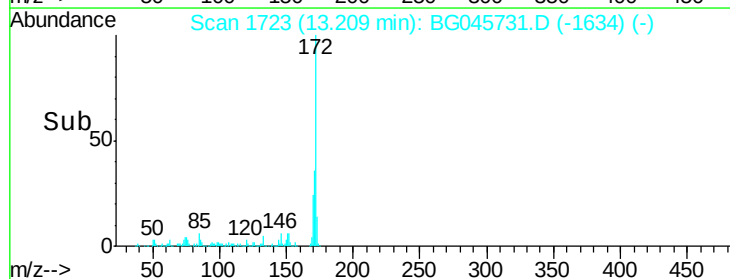
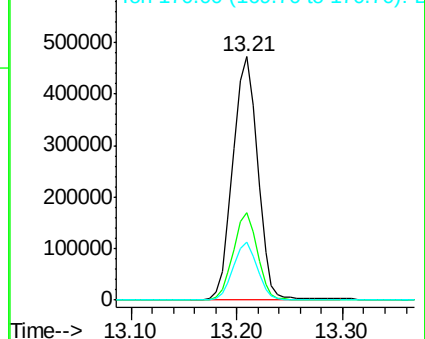
172 100

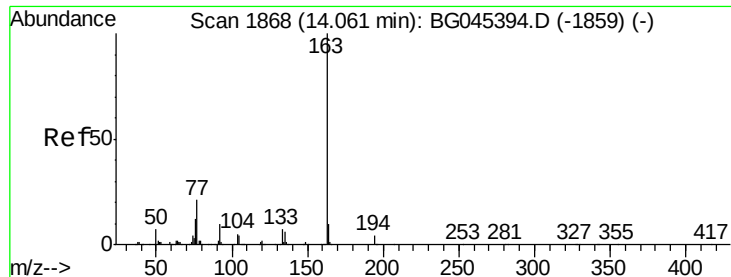
171 36.0 29.5 44.3

170 23.7 18.5 27.7



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





#50

Dimethylphthalate

Concen: 15.875 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

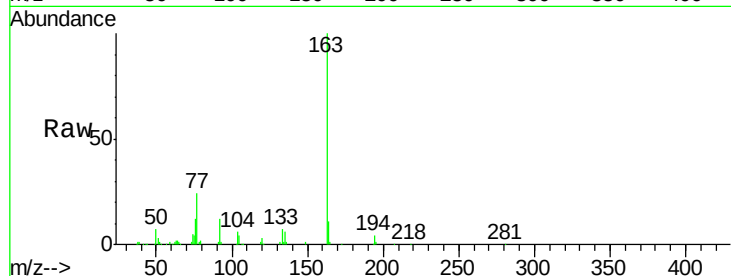
Tot Ion:163 Resp: 128025

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

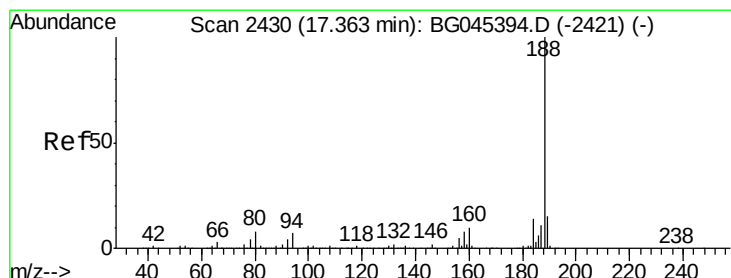
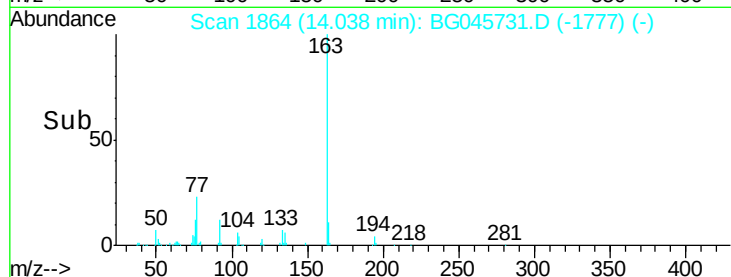
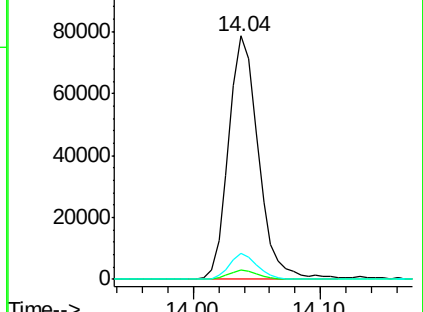
164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

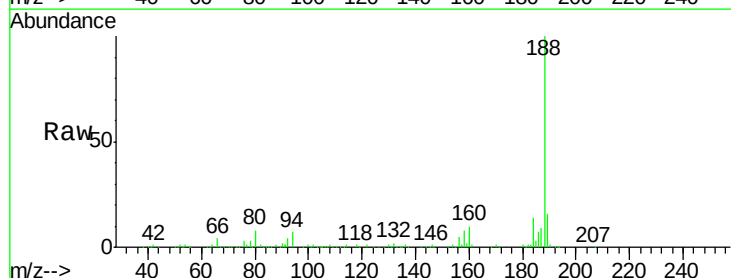
Tgt Ion:188 Resp: 294661

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

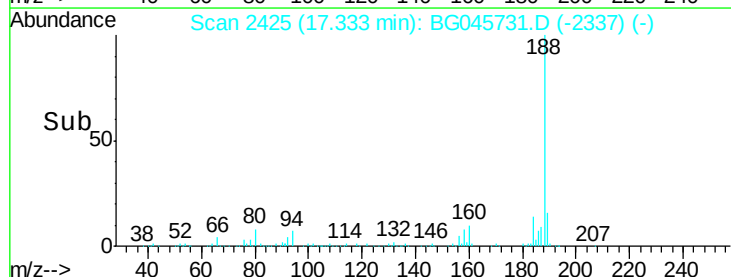
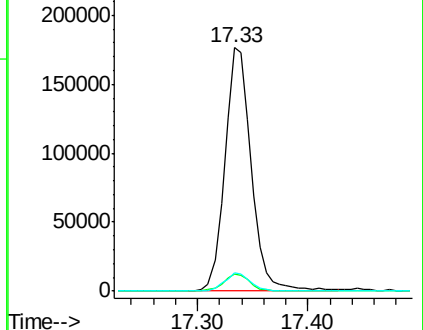
80 7.8 6.6 10.0

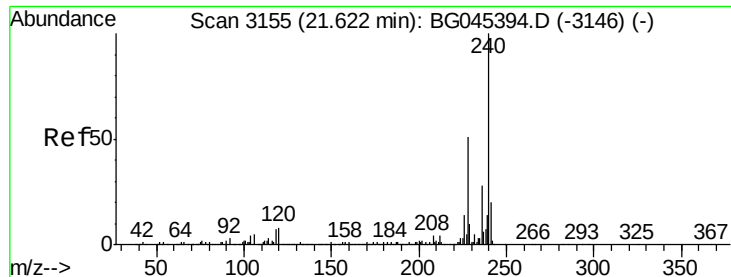


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-060920

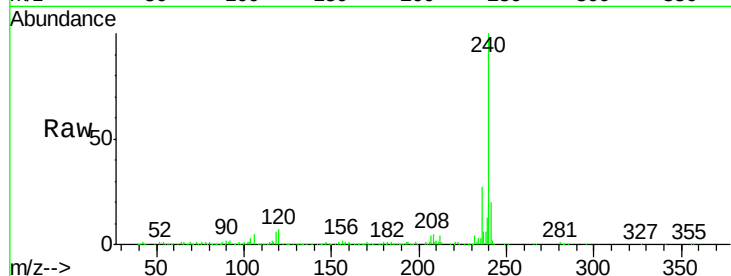
Tot Ion:240 Resp: 304869

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

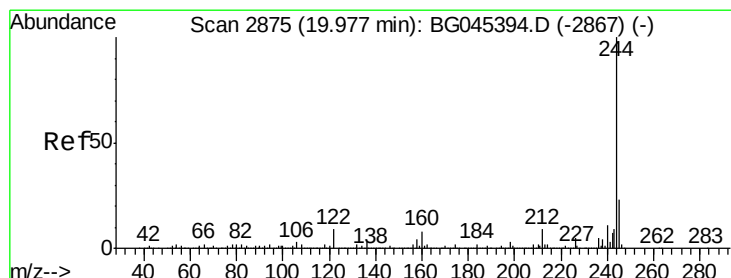
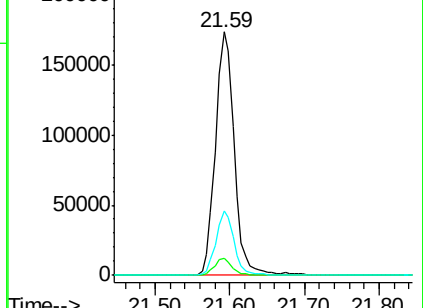
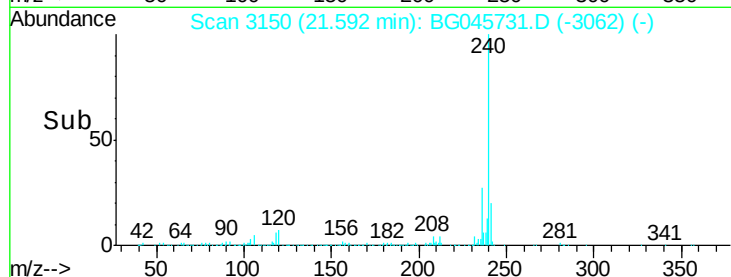
236 26.6 22.3 33.5



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: 120.292 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045731.D

Acq: 11 Jun 2020 21:39

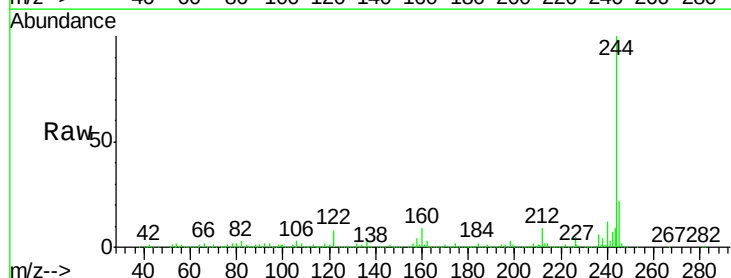
Tgt Ion:244 Resp: 1572414

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

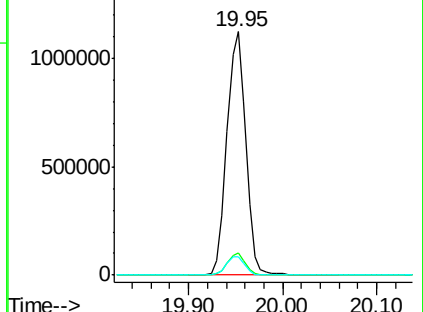
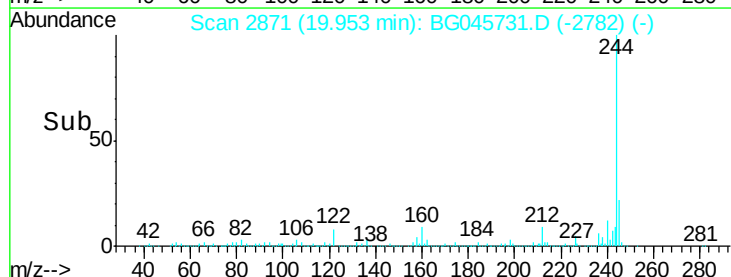
122 7.7 6.8 10.2

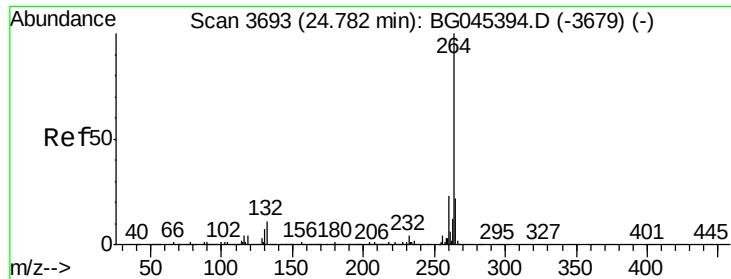


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

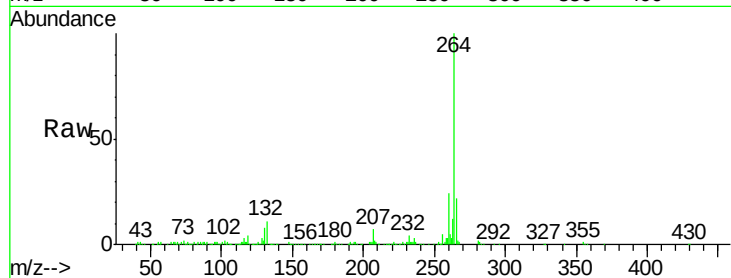




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.73 min Scan# 3685
 Delta R.T. -0.02 min
 Lab File: BG045731.D
 Acq: 11 Jun 2020 21:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920

Tot Ion:	264	Resp:	316316
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.6	17.6	26.4



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

