

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045696.D
 Acq On : 10 Jun 2020 17:54
 Operator : CG/JU
 Sample : L2946-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PURGE

Quant Time: Jun 10 18:44:57 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

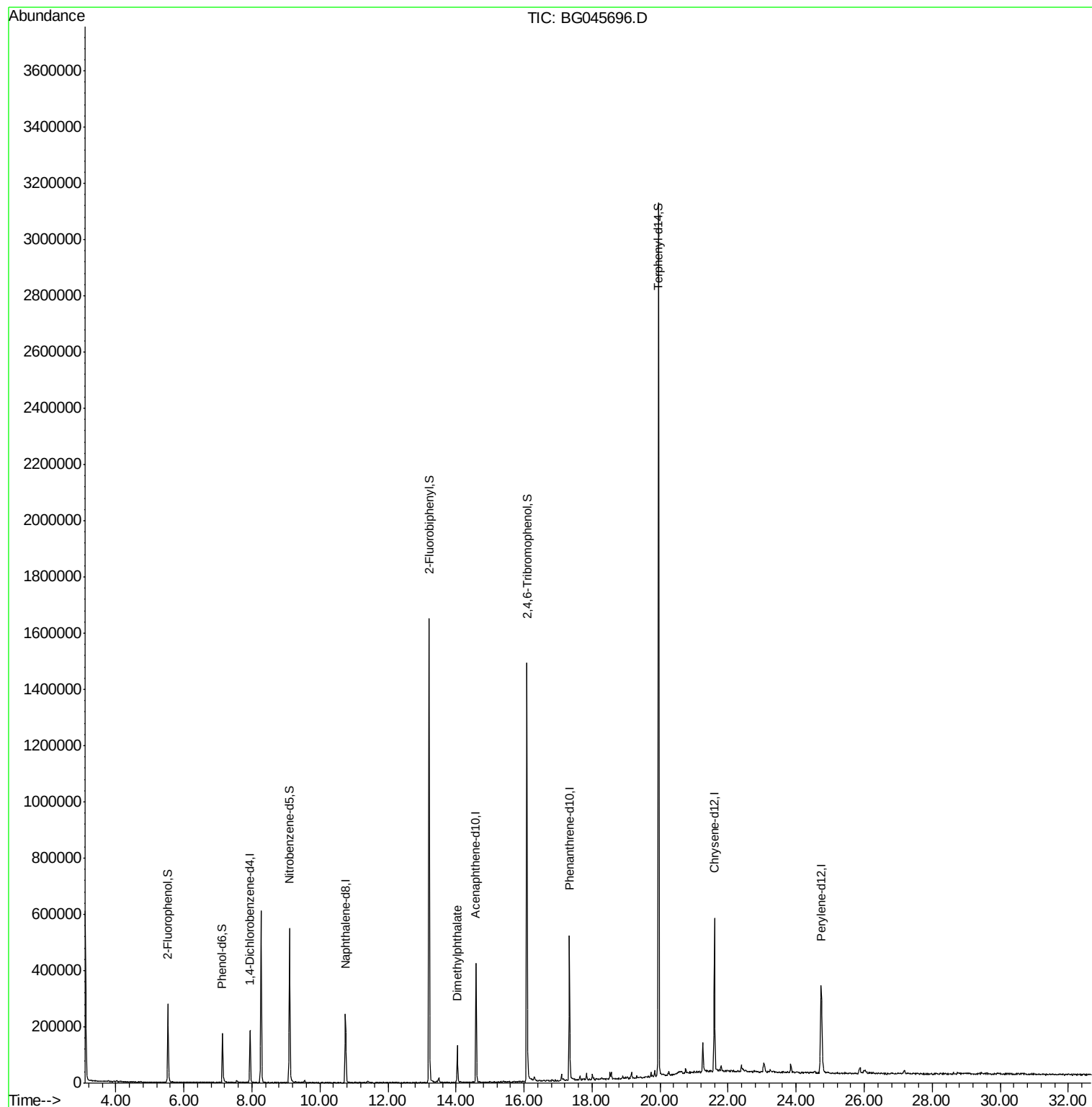
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	55517	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	228901	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	161358	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	350130	20.00	ng	0.00
76) Chrysene-d12	21.59	240	334475	20.00	ng	0.00
87) Perylene-d12	24.74	264	363745	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	141605	49.85	ng	0.00
7) Phenol-d6	7.13	99	124066	30.68	ng	-0.01
23) Nitrobenzene-d5	9.11	82	380225	90.58	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	303393	147.02	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	902638	94.89	ng	0.00
79) Terphenyl-d14	19.96	244	1559430	108.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	91877	8.300	ng	Qvalue 98

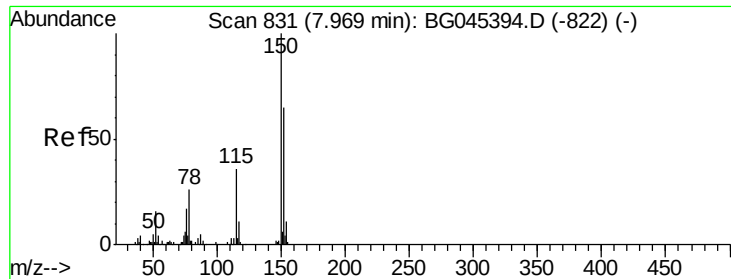
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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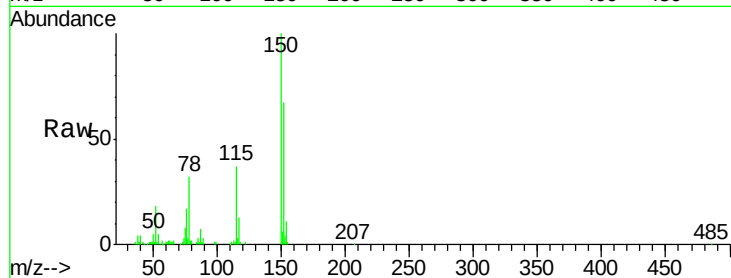


#1

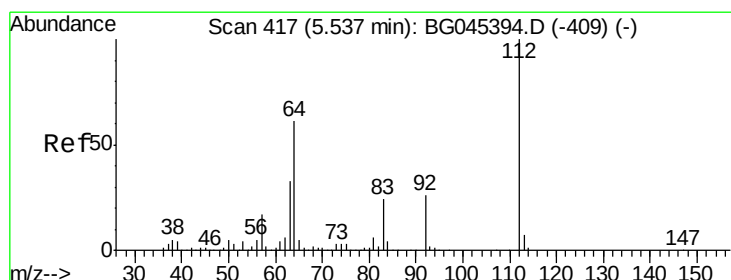
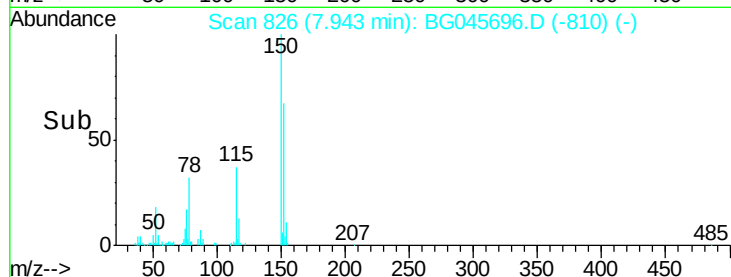
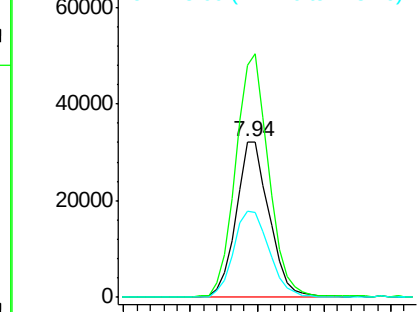
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045696.D
Acq: 10 Jun 2020 17:54

Instrument :
BNA_G
ClientSampleId :
PURGE

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.4	183.6
115	55.8	44.2	66.4



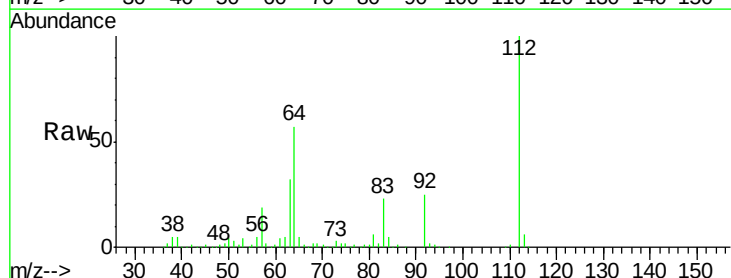
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



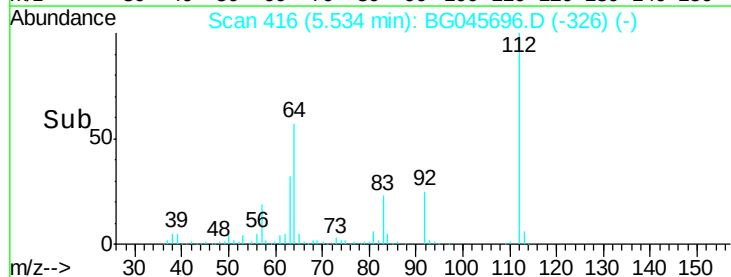
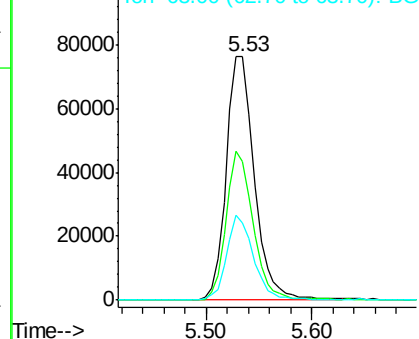
#5

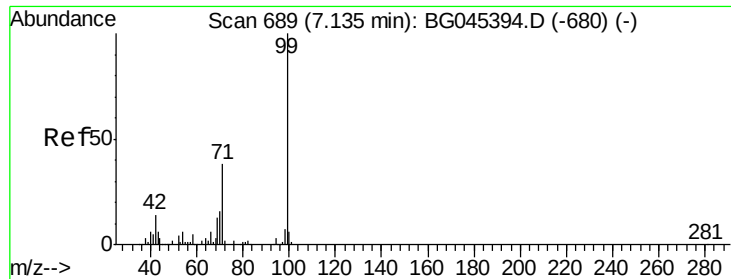
2-Fluorophenol
Concen: 49.847 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045696.D
Acq: 10 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.6	72.8
63	31.5	26.5	39.7



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: 30.685 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

PURGE

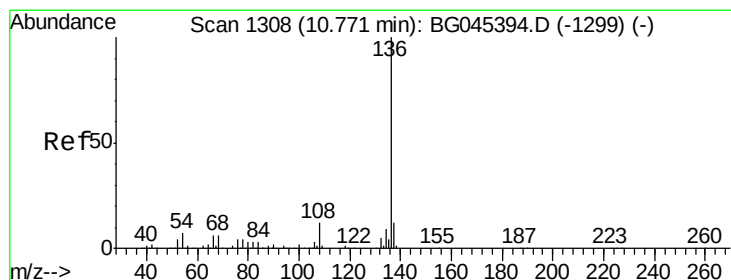
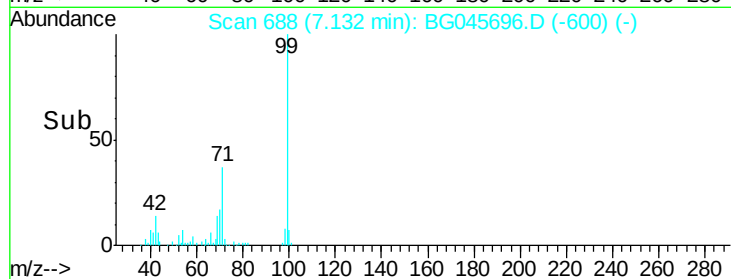
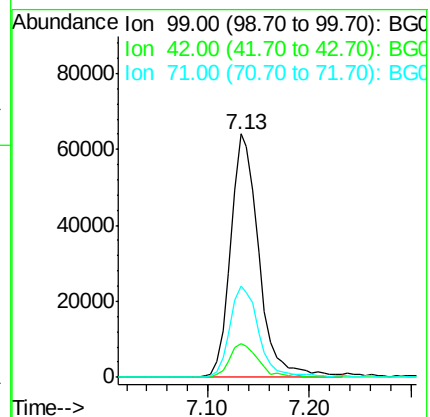
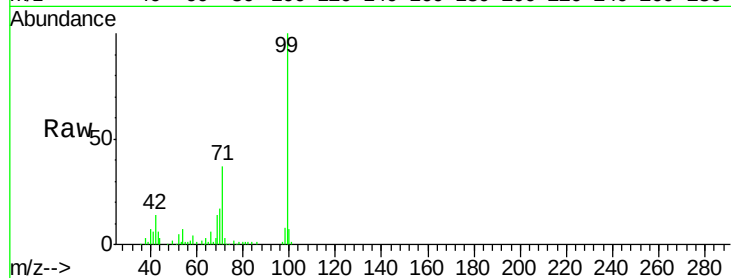
Tot Ion: 99 Resp: 124066

Ion Ratio Lower Upper

99 100

42 13.6 11.3 16.9

71 37.3 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

Tgt Ion: 136 Resp: 228901

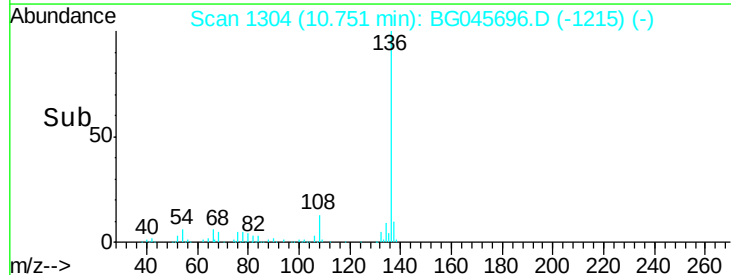
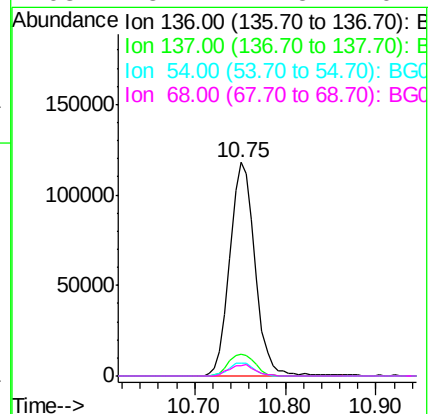
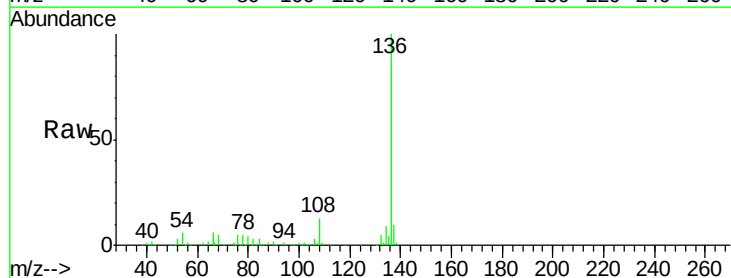
Ion Ratio Lower Upper

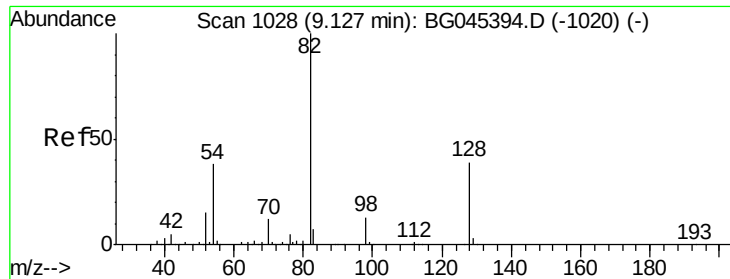
136 100

137 10.4 9.4 14.2

54 5.9 5.8 8.6

68 5.1 4.5 6.7

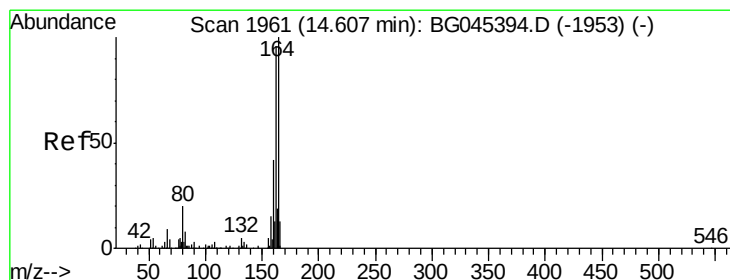
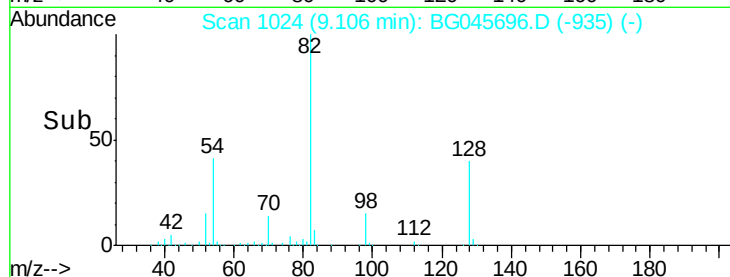
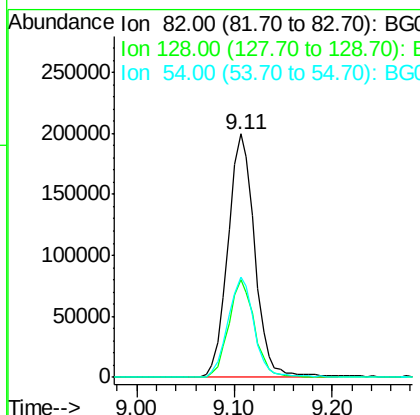
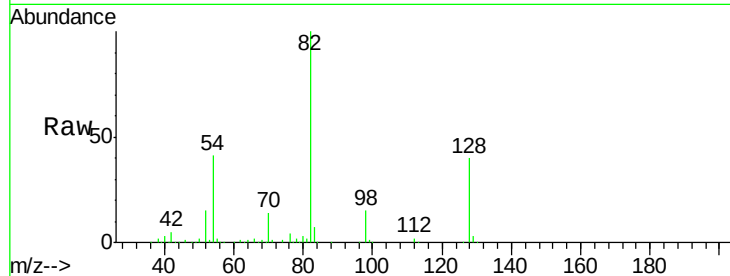




#23
 Nitrobenzene-d5
 Concen: 90.582 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045696.D
 Acq: 10 Jun 2020 17:54

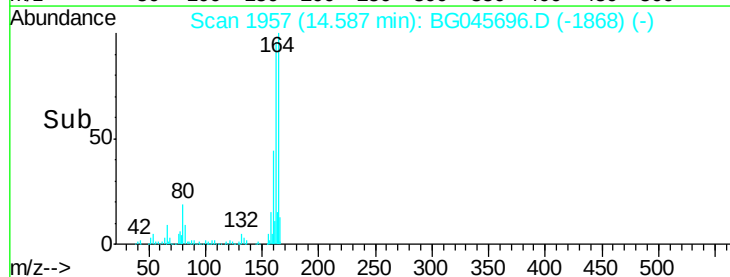
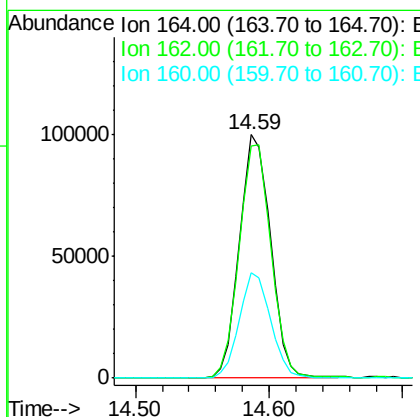
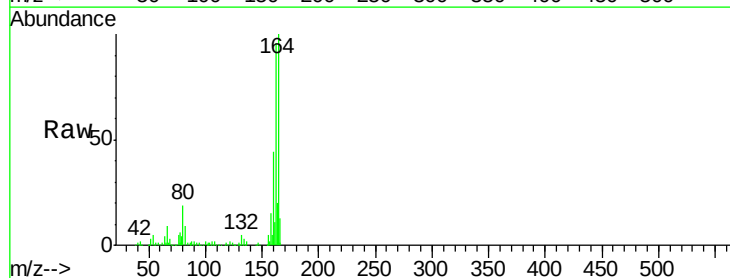
Instrument :
 BNA_G
 ClientSampled :
 PURGE

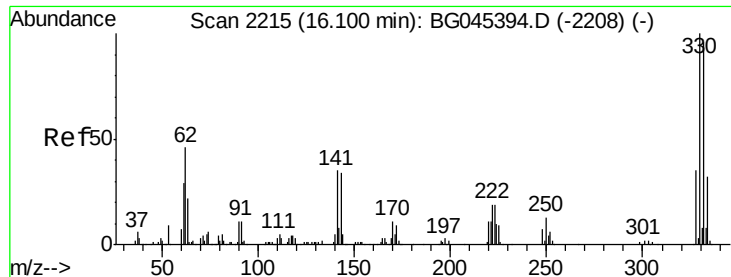
Tot Ion	82	Resp	380225
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.9	46.3
54	40.9	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045696.D
 Acq: 10 Jun 2020 17:54

Tgt Ion	164	Resp	161358
Ion Ratio	Lower	Upper	
164	100		
162	95.6	76.9	115.3
160	43.5	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 147.022 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

PURGE

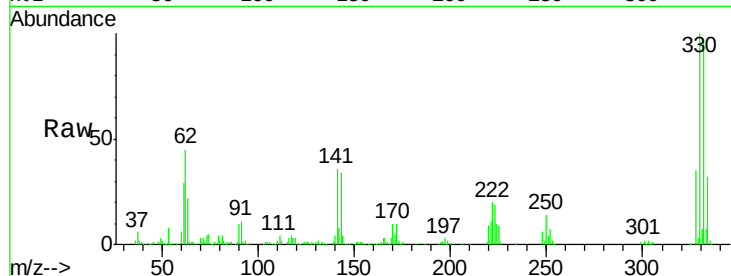
Tot Ion:330 Resp: 303393

Ion Ratio Lower Upper

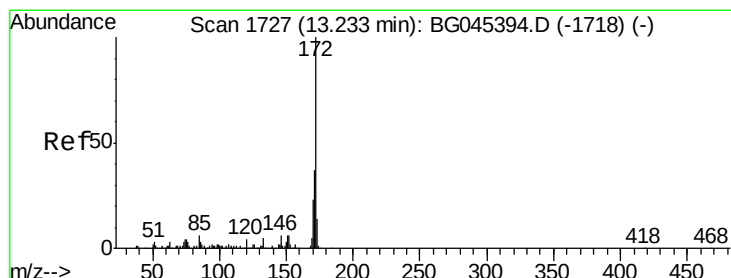
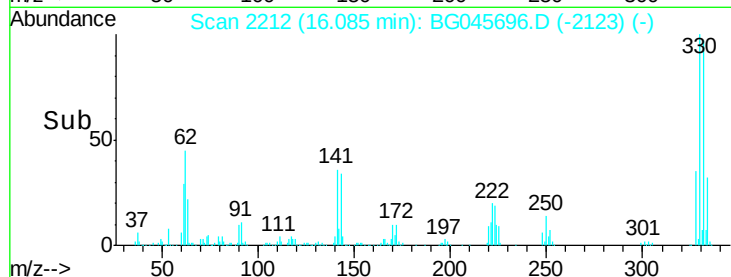
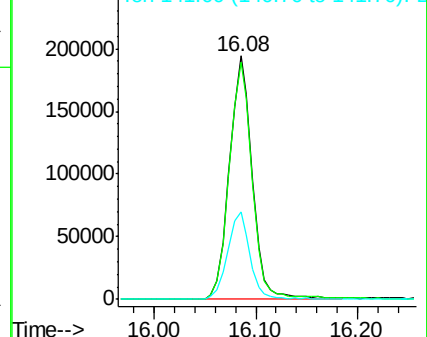
330 100

332 99.1 78.2 117.4

141 35.2 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: 94.886 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

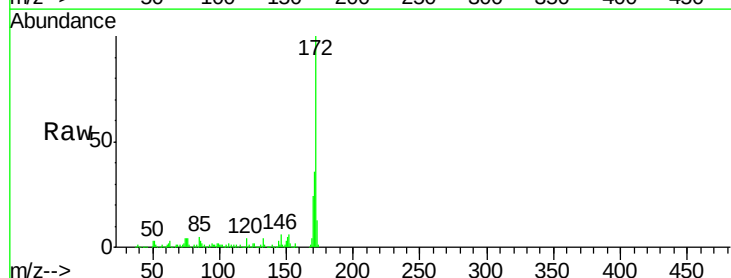
Tgt Ion:172 Resp: 902638

Ion Ratio Lower Upper

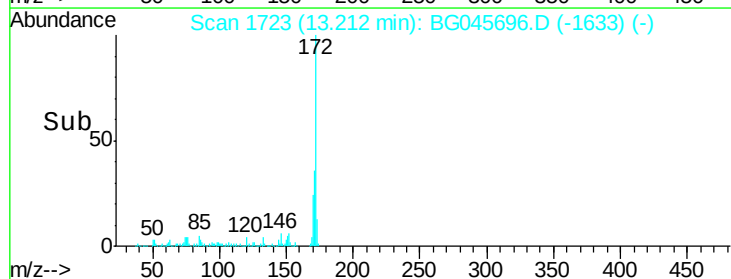
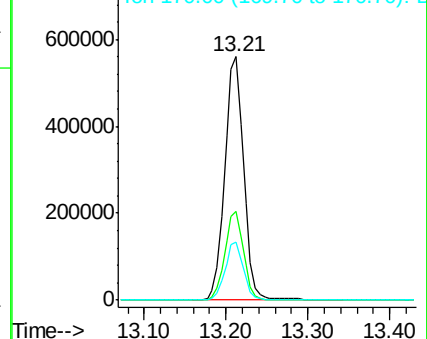
172 100

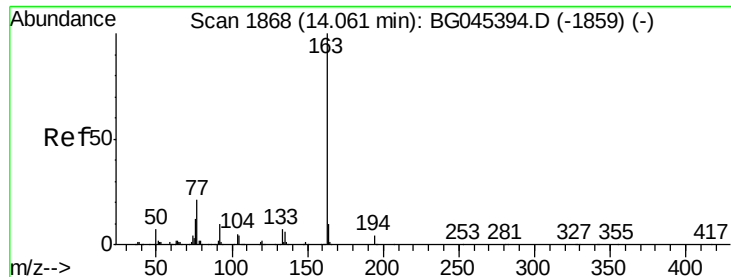
171 36.4 29.5 44.3

170 24.0 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: 8.300 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

Instrument :

BNA_G

ClientSampleId :

PURGE

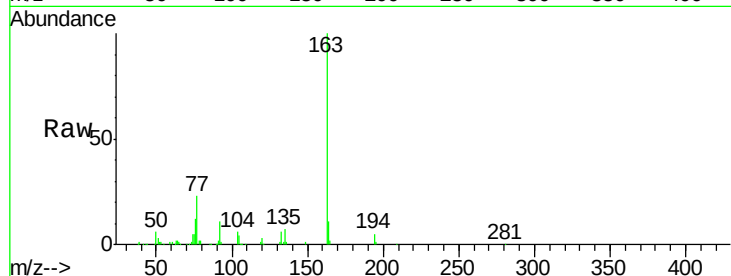
Tot Ion:163 Resp: 91877

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

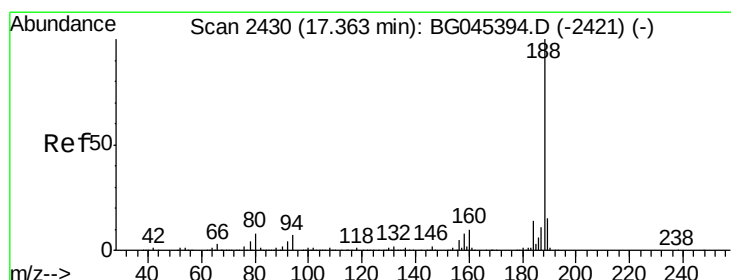
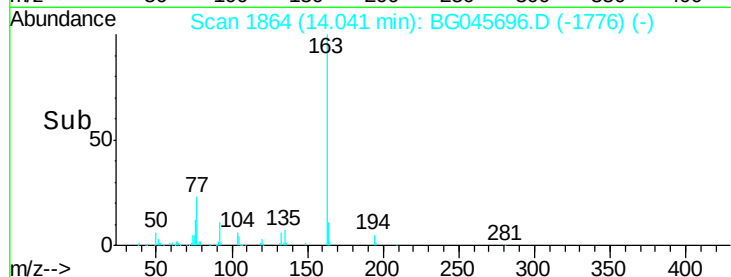
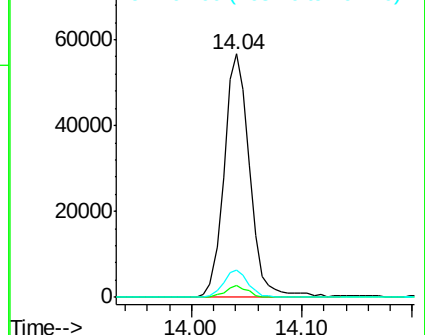
164 11.4 8.3 12.5



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: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

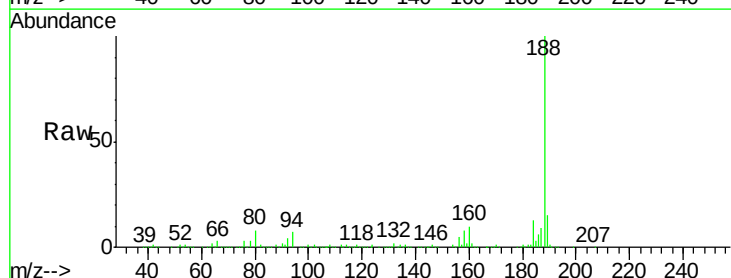
Tgt Ion:188 Resp: 350130

Ion Ratio Lower Upper

188 100

94 6.5 5.5 8.3

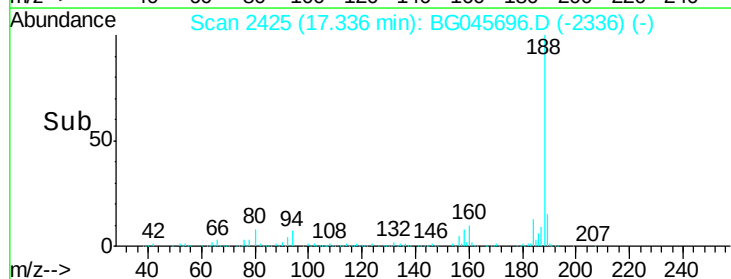
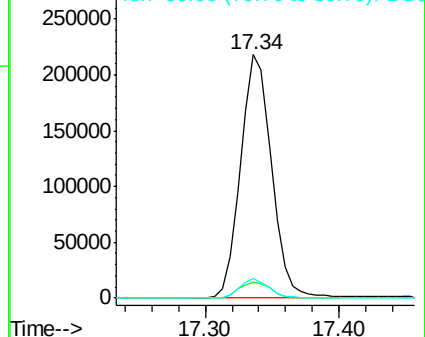
80 7.9 6.6 10.0

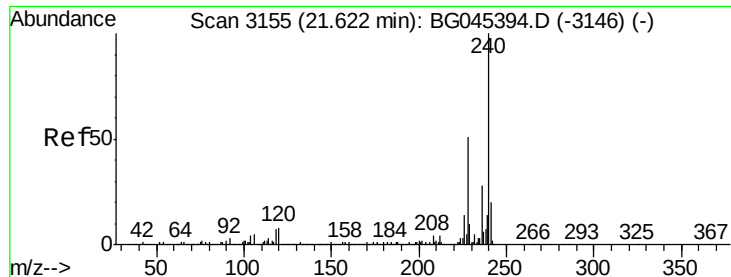


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG045696.D

Acq: 10 Jun 2020 17:54

Instrument :

BNA_G

ClientSampled :

PURGE

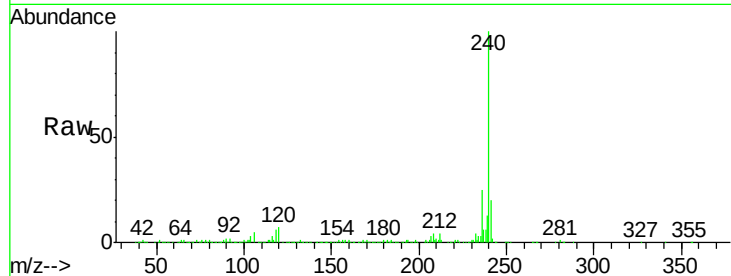
Tot Ion:240 Resp: 334475

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

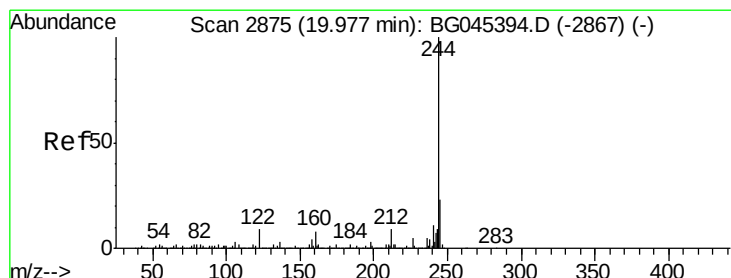
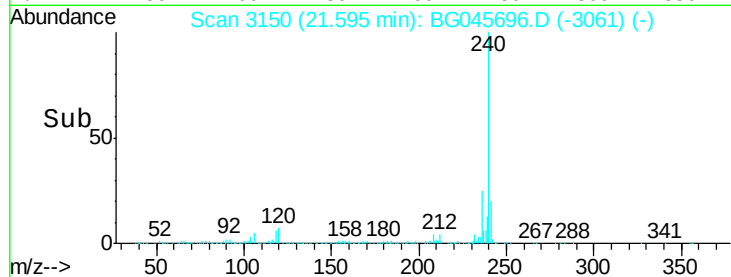
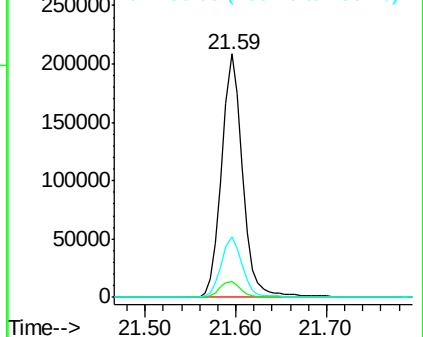
236 24.7 22.3 33.5



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: 108.739 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045696.D

Acq: 10 Jun 2020 17:54

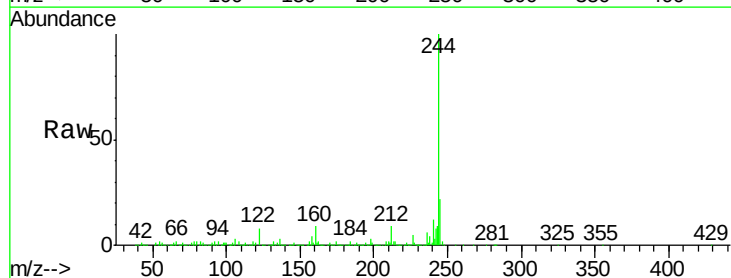
Tgt Ion:244 Resp: 1559430

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

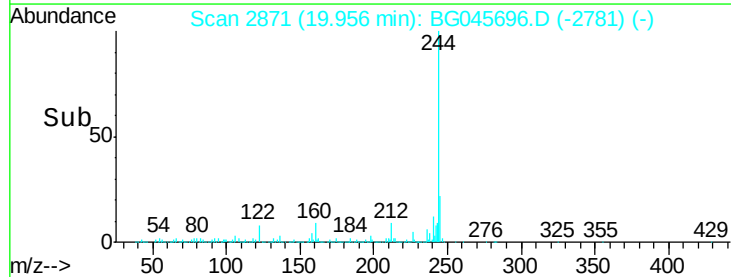
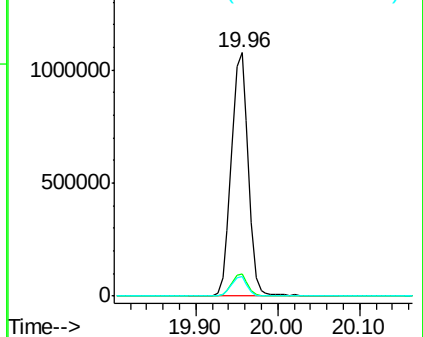
122 7.9 6.8 10.2

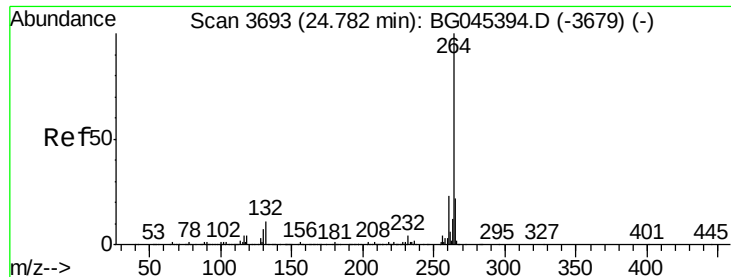


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.74 min Scan# 3685
 Delta R.T. -0.01 min
 Lab File: BG045696.D
 Acq: 10 Jun 2020 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PURGE

Tot Ion:	264	Resp:	363745
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.1	17.6	26.4

