

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045710.D
 Acq On : 11 Jun 2020 6:04
 Operator : CG/JU
 Sample : L2951-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239988

Quant Time: Jun 11 07:24:04 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

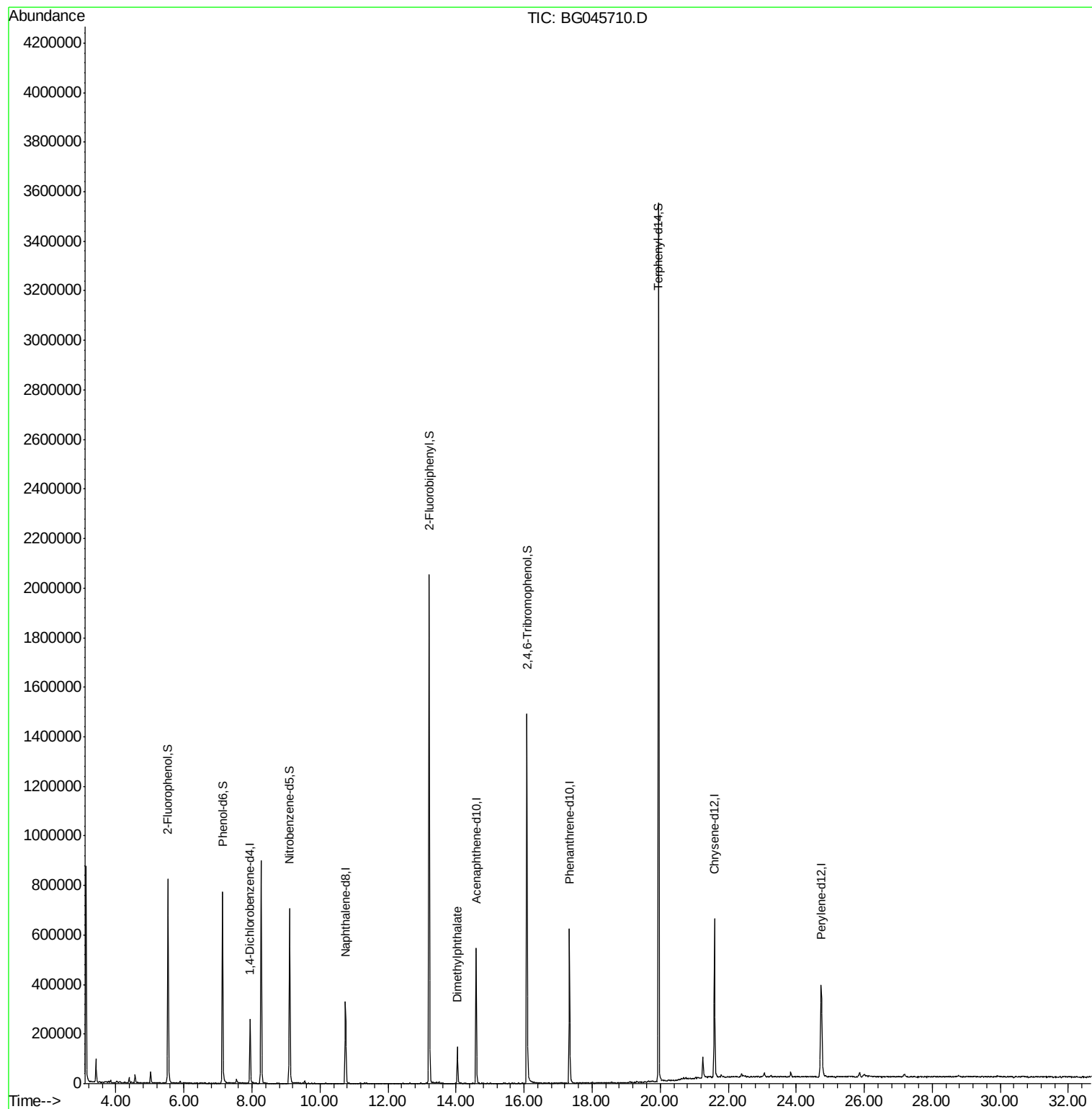
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	73659	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	297501	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	204395	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	443807	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	425596	20.00	ng	-0.01
87) Perylene-d12	24.74	264	441256	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	397875	105.56	ng	0.00
7) Phenol-d6	7.14	99	510312	95.13	ng	-0.01
23) Nitrobenzene-d5	9.11	82	494766	90.69	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	321684	123.06	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1099843	91.27	ng	0.00
79) Terphenyl-d14	19.95	244	1666052	91.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	107722	7.683	ng	Qvalue 100

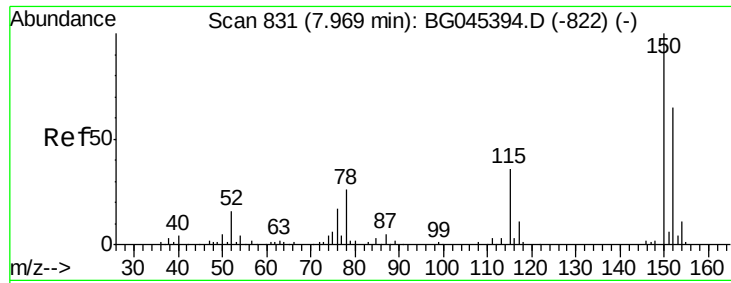
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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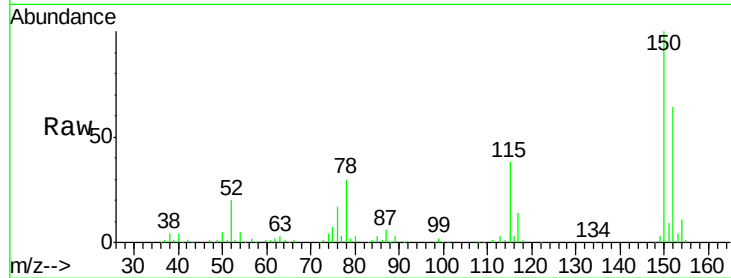


#1

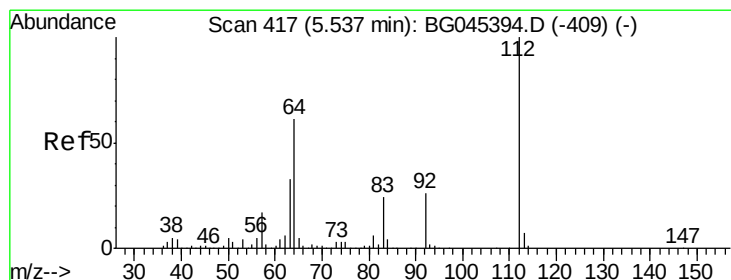
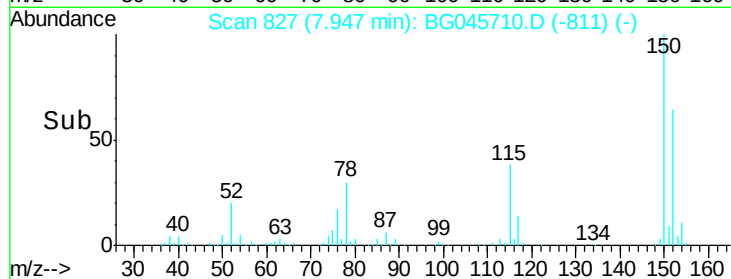
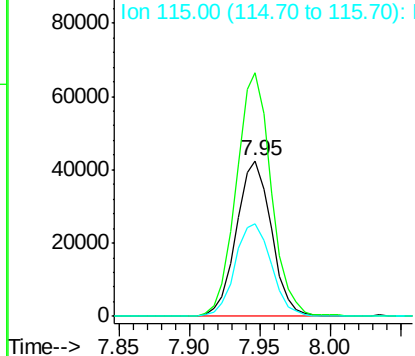
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Instrument :
BNA_G
ClientSampled :
239988

Tot Ion:152 Resp: 73659
Ion Ratio Lower Upper
152 100
150 156.4 122.4 183.6
115 59.4 44.2 66.4



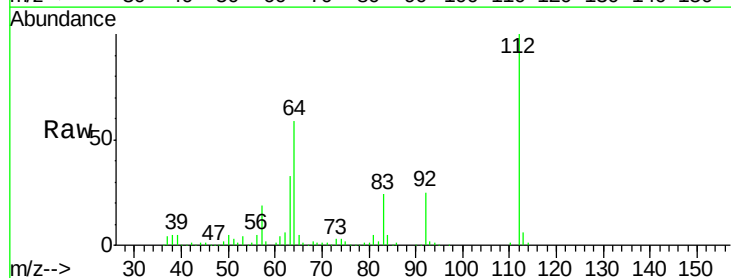
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



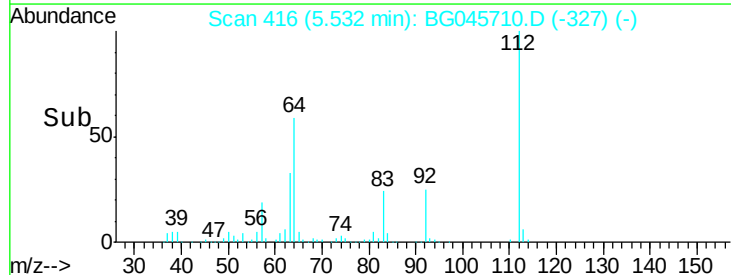
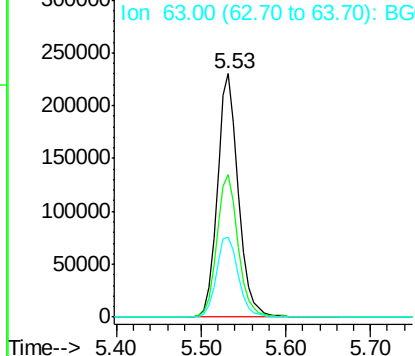
#5

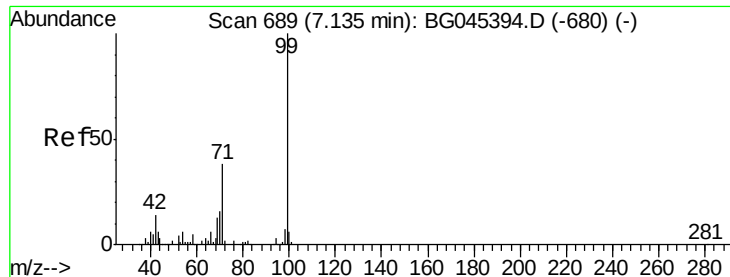
2-Fluorophenol
Concen: 105.563 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Tgt Ion:112 Resp: 397875
Ion Ratio Lower Upper
112 100
64 58.7 48.6 72.8
63 32.8 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: 95.127 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

Instrument :

BNA_G

ClientSampleId :

239988

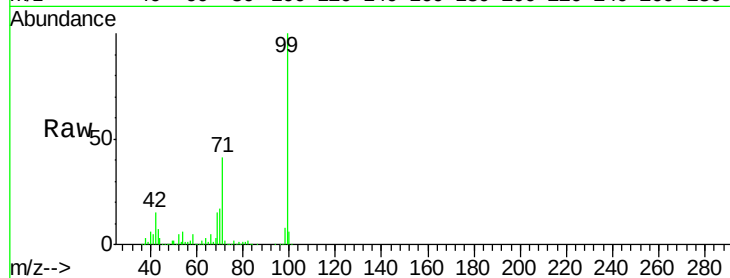
Tot Ion: 99 Resp: 510312

Ion Ratio Lower Upper

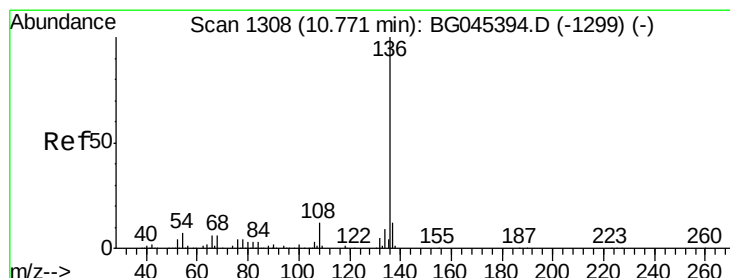
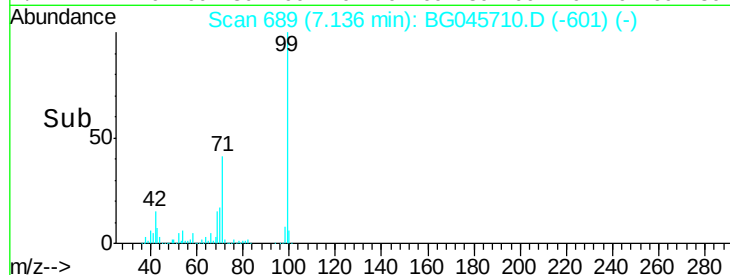
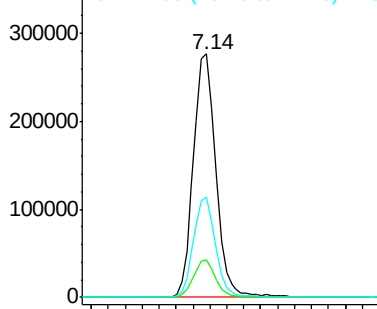
99 100

42 15.4 11.3 16.9

71 41.3 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: BG045710.D

Acq: 11 Jun 2020 6:04

Tgt Ion: 136 Resp: 297501

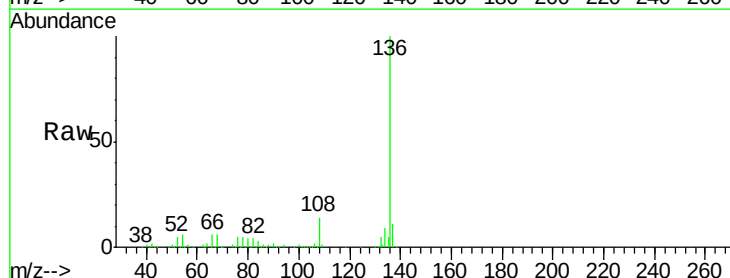
Ion Ratio Lower Upper

136 100

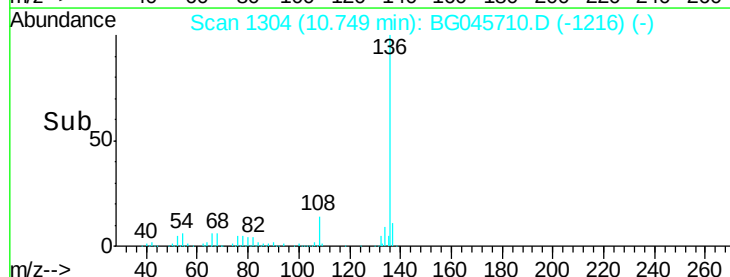
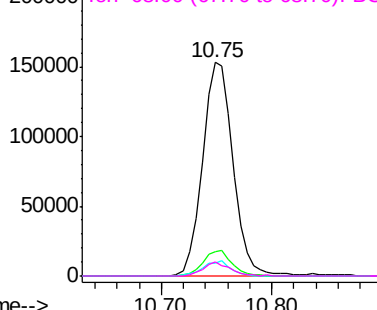
137 11.3 9.4 14.2

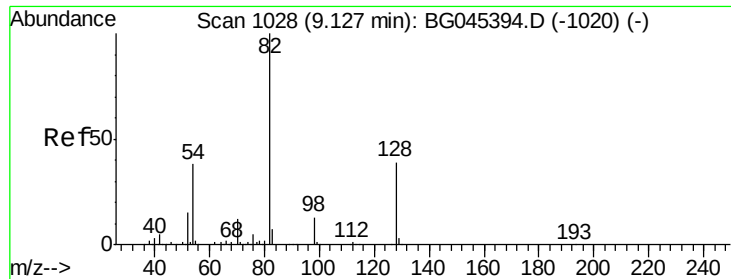
54 6.1 5.8 8.6

68 6.4 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

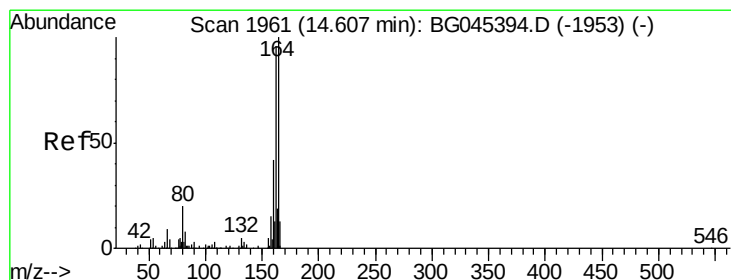
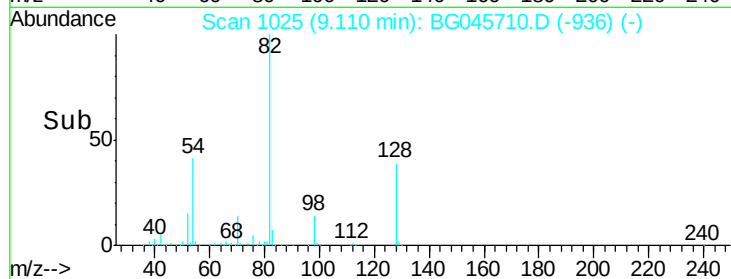
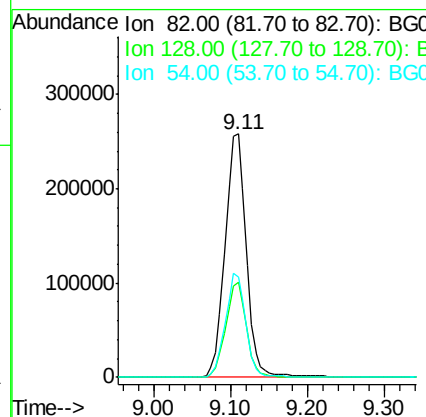
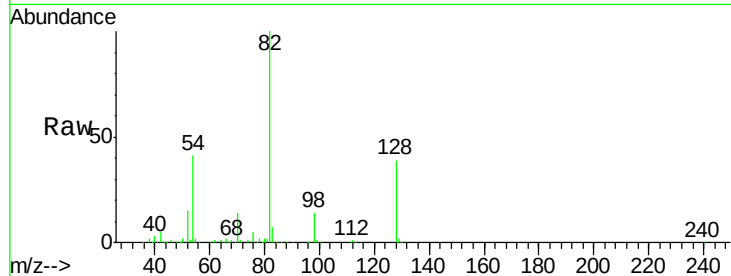




#23
 Nitrobenzene-d5
 Concen: 90.690 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045710.D
 Acq: 11 Jun 2020 6:04

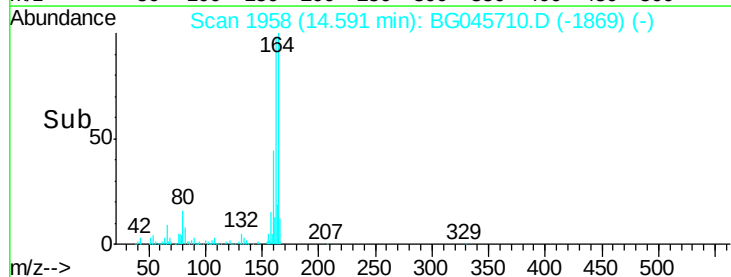
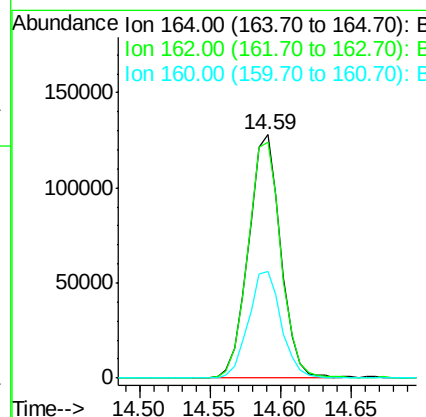
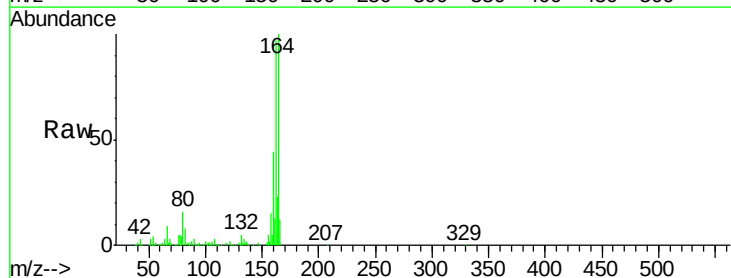
Instrument :
 BNA_G
 ClientSampleId :
 239988

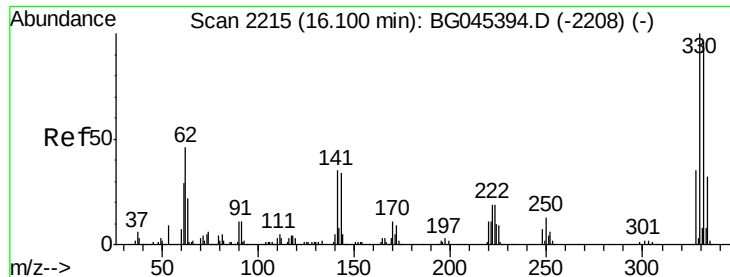
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.9	46.3
54	41.2	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045710.D
 Acq: 11 Jun 2020 6:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.9	115.3
160	43.8	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 123.063 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

Instrument :

BNA_G

ClientSampleId :

239988

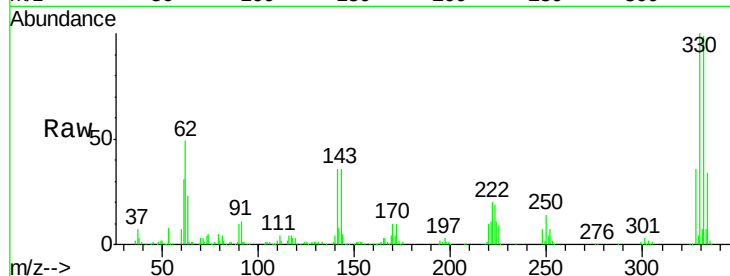
Tot Ion:330 Resp: 321684

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

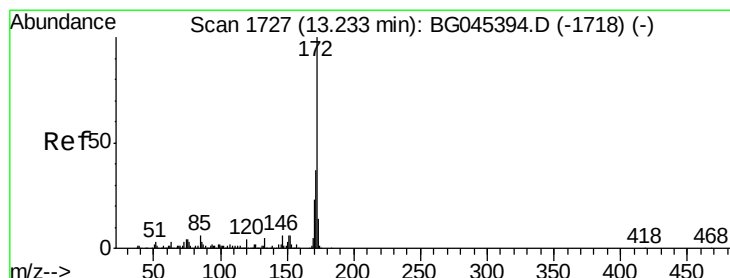
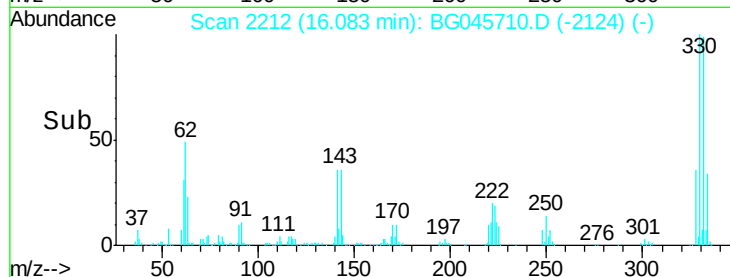
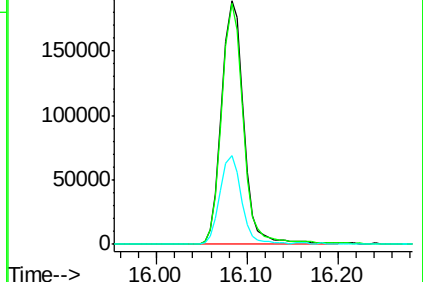
141 35.3 28.2 42.4



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: 91.272 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

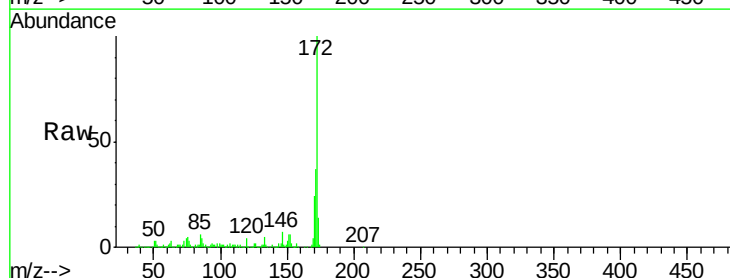
Tgt Ion:172 Resp: 1099843

Ion Ratio Lower Upper

172 100

171 36.7 29.5 44.3

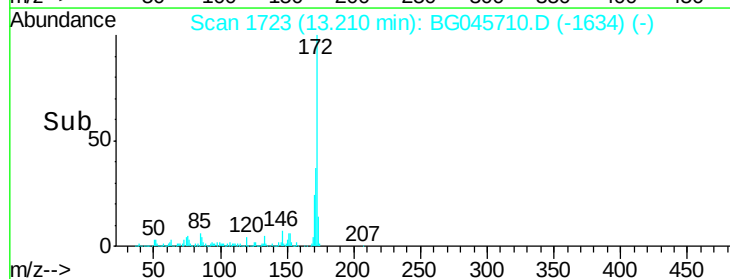
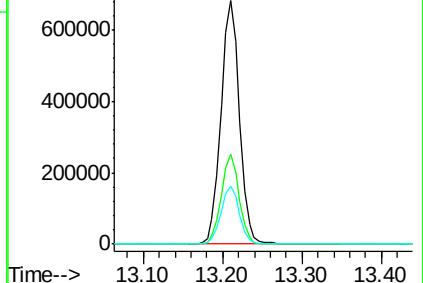
170 23.7 18.5 27.7

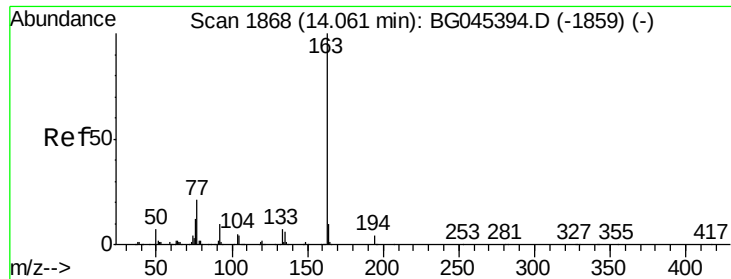


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.683 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

Instrument :

BNA_G

ClientSampleId :

239988

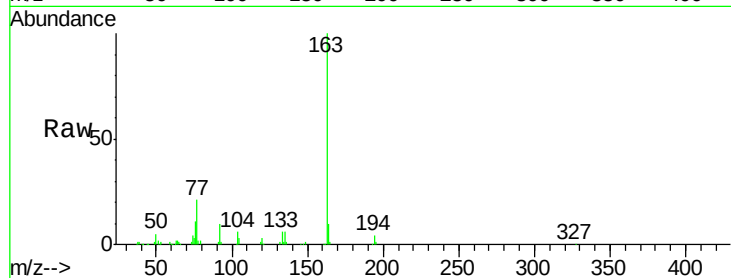
Tot Ion:163 Resp: 107722

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

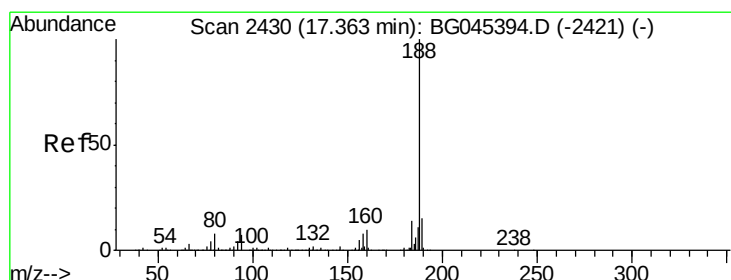
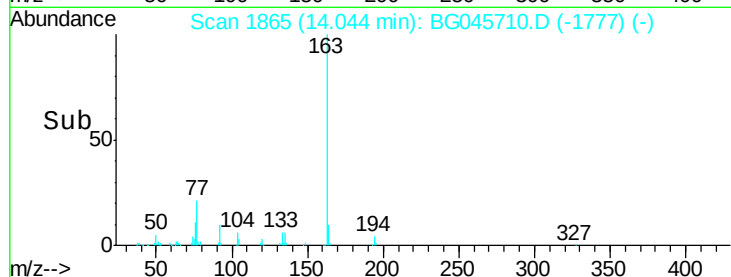
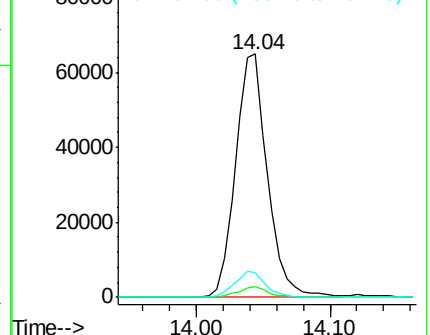
164 10.3 8.3 12.5



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: BG045710.D

Acq: 11 Jun 2020 6:04

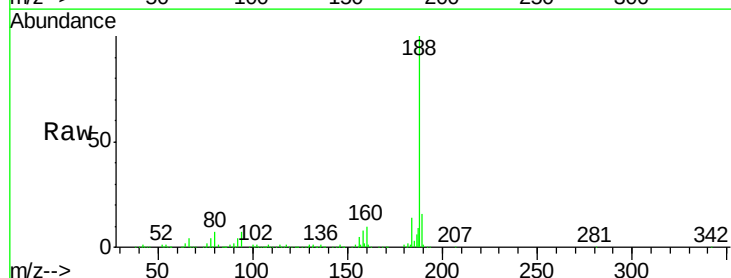
Tgt Ion:188 Resp: 443807

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

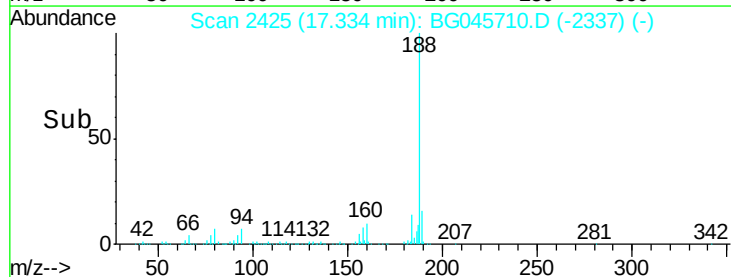
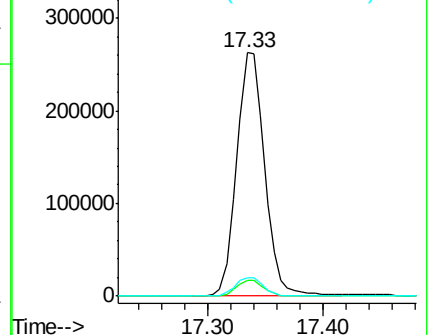
80 7.4 6.6 10.0

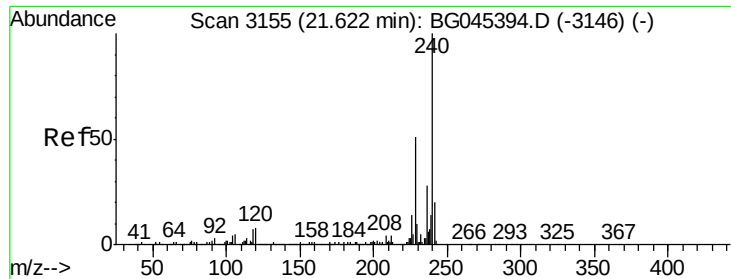


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

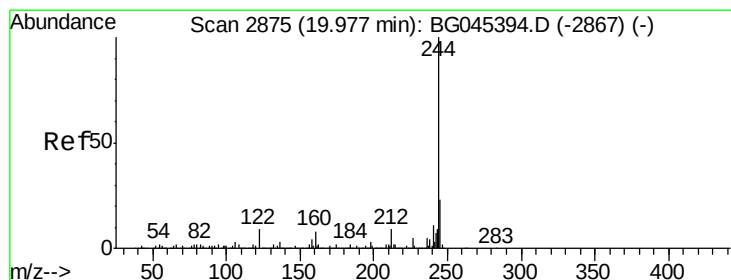
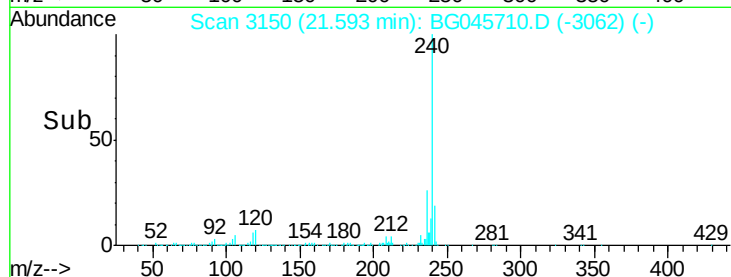
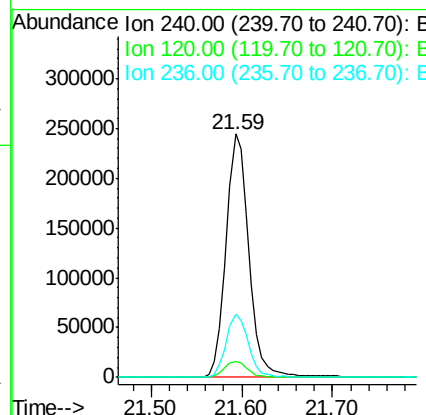
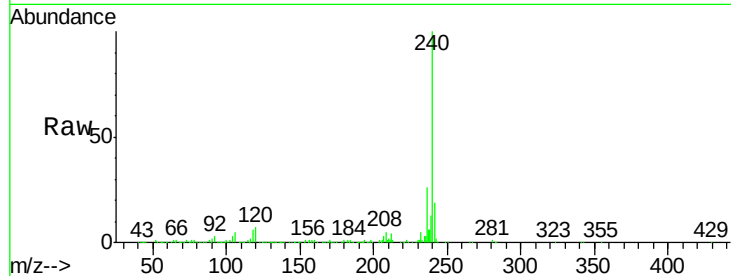




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

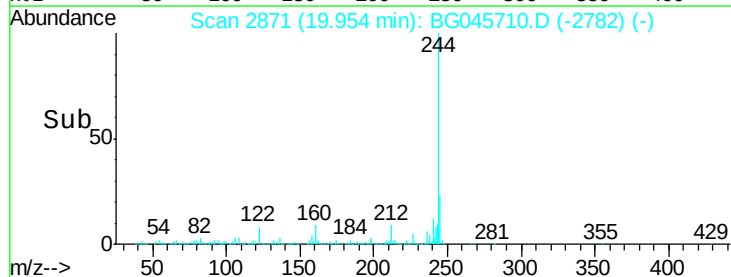
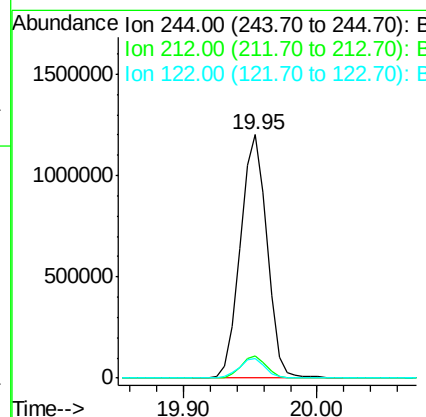
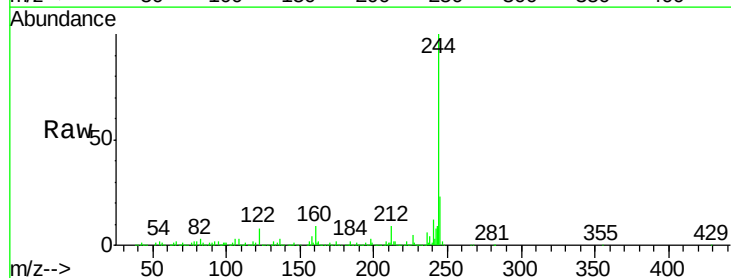
Instrument :
BNA_G
ClientSampleId :
239988

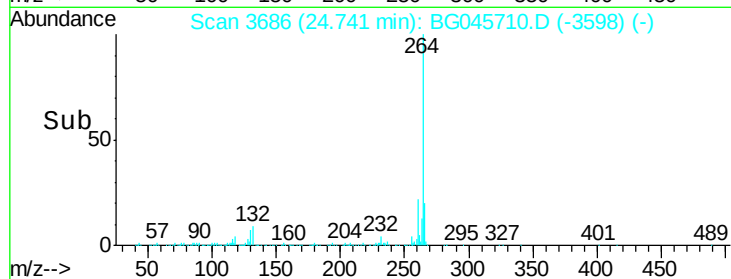
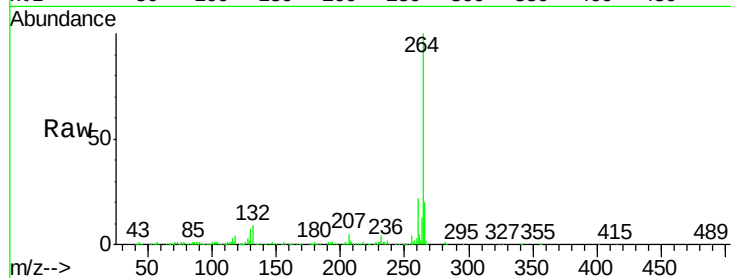
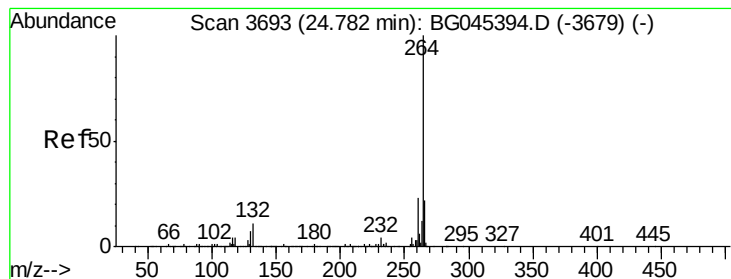
Tot Ion:240 Resp: 425596
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 26.0 22.3 33.5



#79
Terphenyl-d14
Concen: 91.301 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Tgt Ion:244 Resp: 1666052
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 8.1 6.8 10.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

Instrument :

BNA_G

ClientSampleId :

239988

Tot Ion:264 Resp: 441256

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 20.3 17.6 26.4

