

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 07:21:58 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

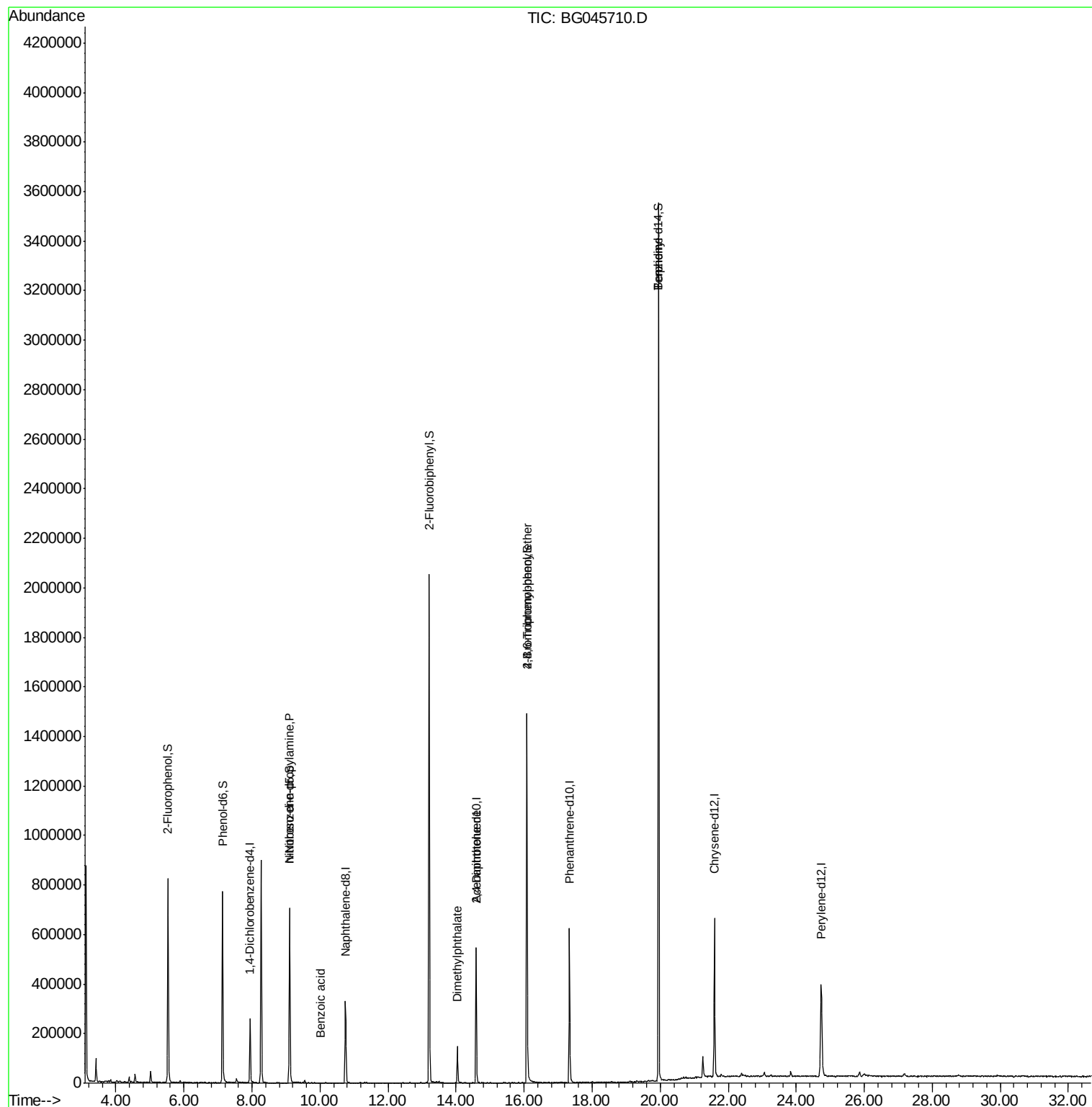
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	73659	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	297501	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	204395	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	443807	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	425596	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						
19) n-Nitroso-di-n-propylamine	9.10	70	69047	18.613	ng	# 78
32) Benzoic acid	10.01	122	82	10.048	ng	# 1
50) Dimethylphthalate	14.04	163	107722	7.683	ng	100
57) 2,4-Dinitrotoluene	14.59	165	27188	5.933	ng	# 24
67) 4-Bromophenyl-phenylether	16.08	248	22050	4.588	ng	# 1
77) Benzidine	19.95	184	30834	2.580	ng	# 90

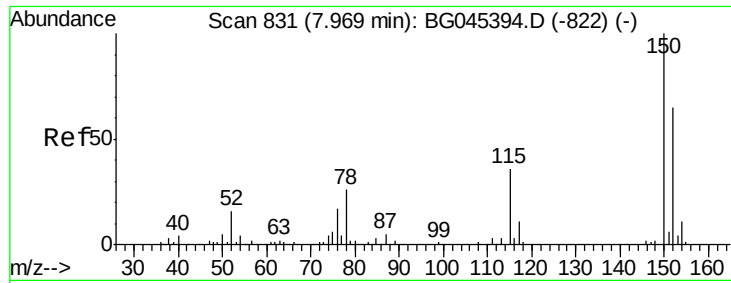
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 07:21:58 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



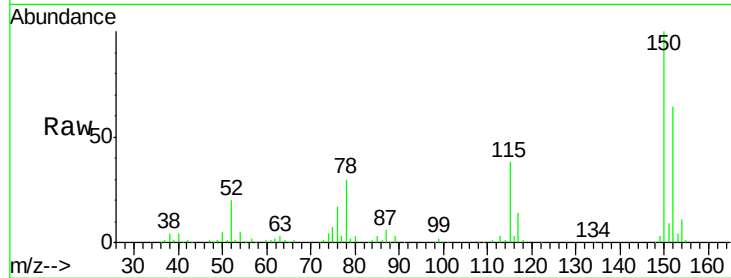


#1

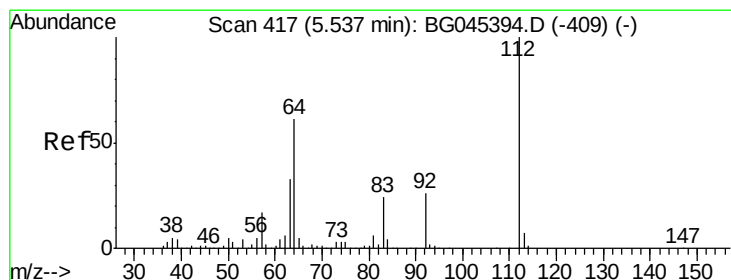
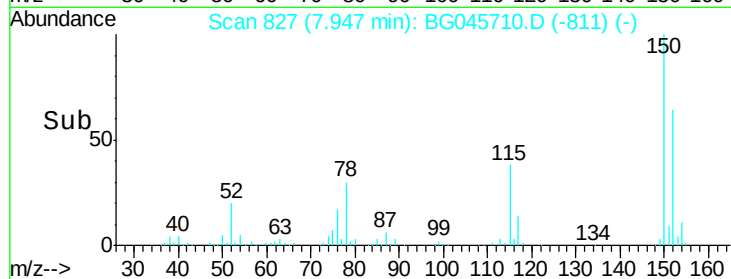
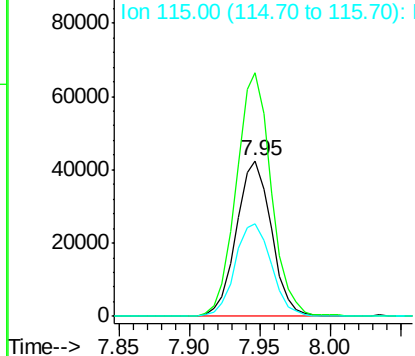
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

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



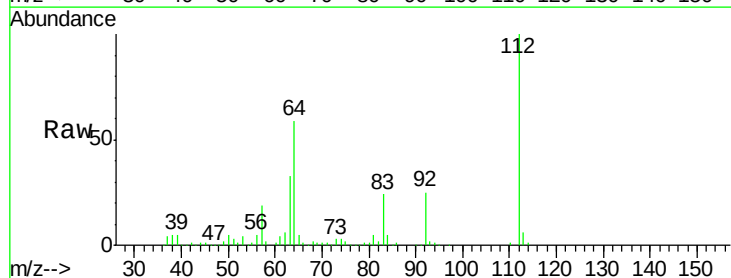
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



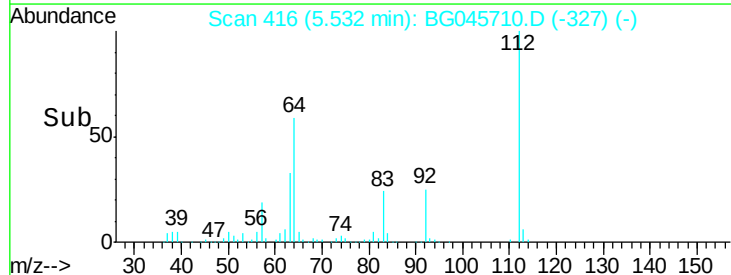
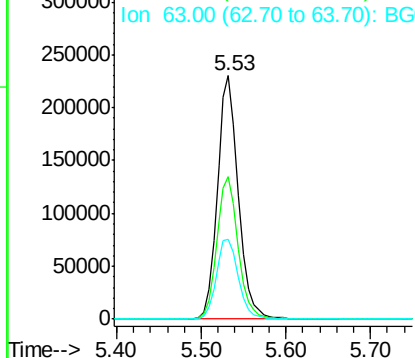
#5

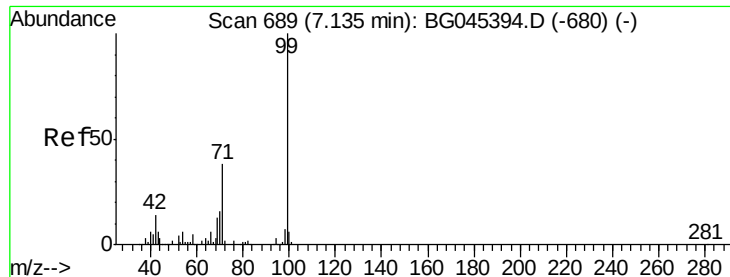
2-Fluorophenol
Concen: 105.563 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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

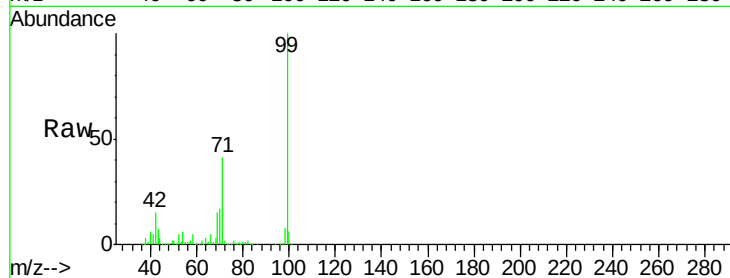
Tot Ion: 99 Resp: 510312

Ion Ratio Lower Upper

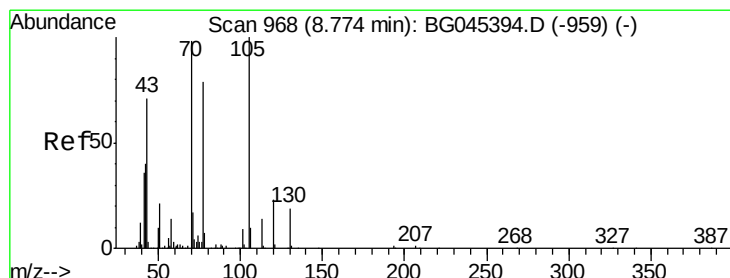
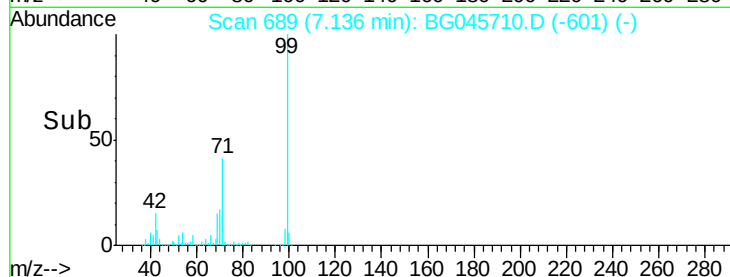
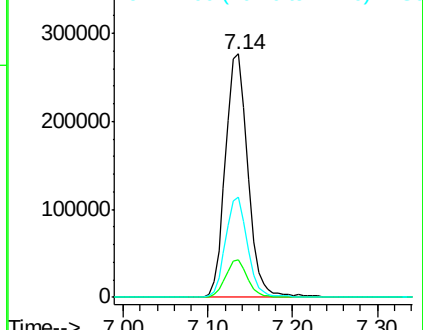
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.613 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

Tgt Ion: 70 Resp: 69047

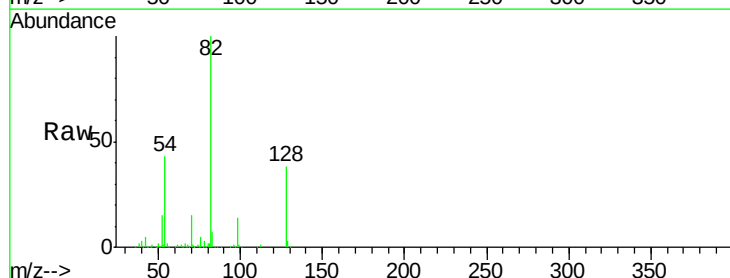
Ion Ratio Lower Upper

70 100

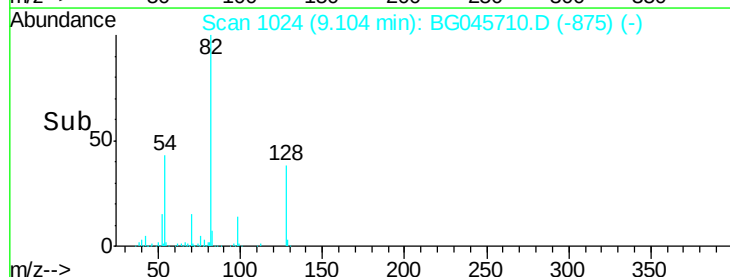
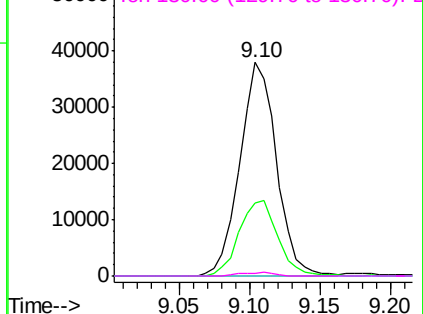
42 34.1 33.2 49.8

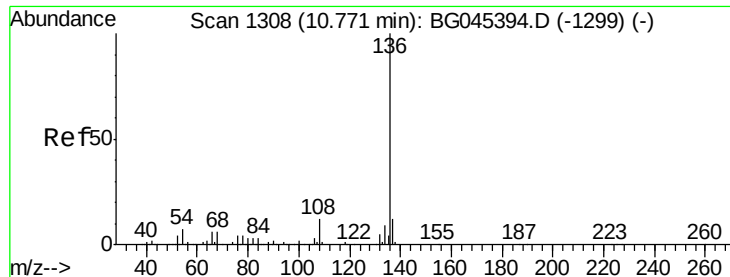
101 0.0 7.8 11.6#

130 1.1 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

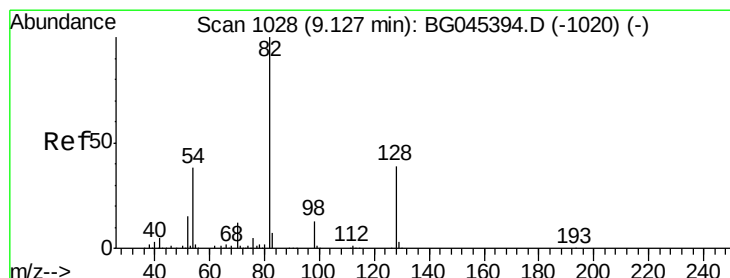
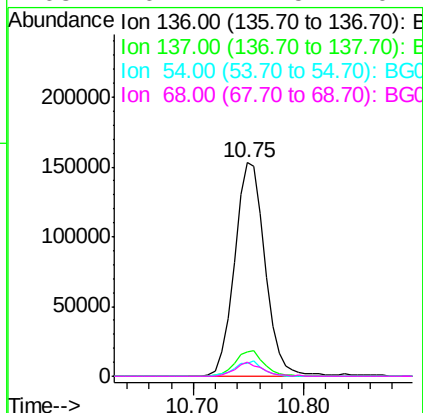
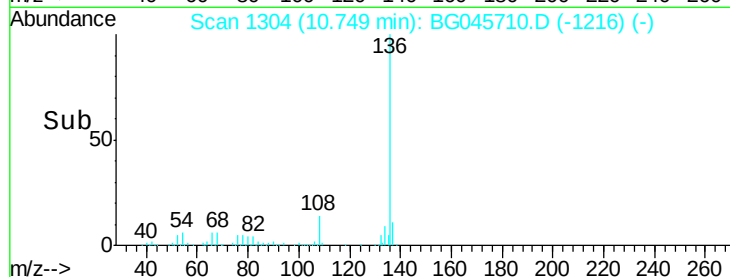
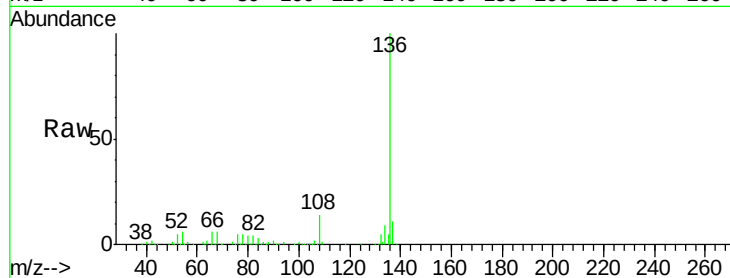




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

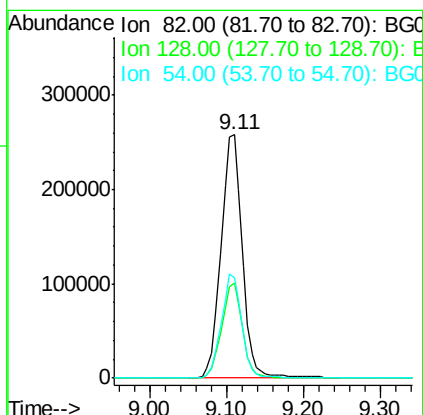
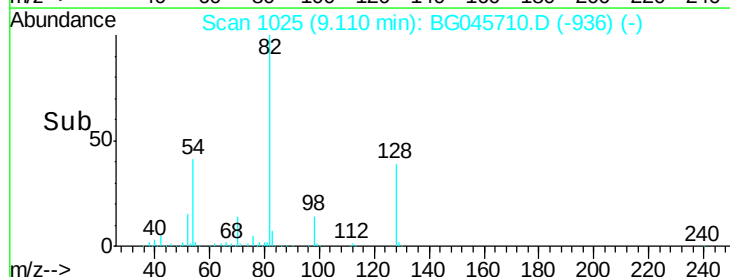
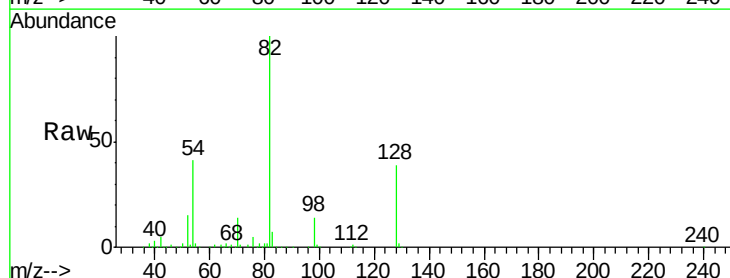
Instrument :
BNA_G
ClientSampleId :
239988

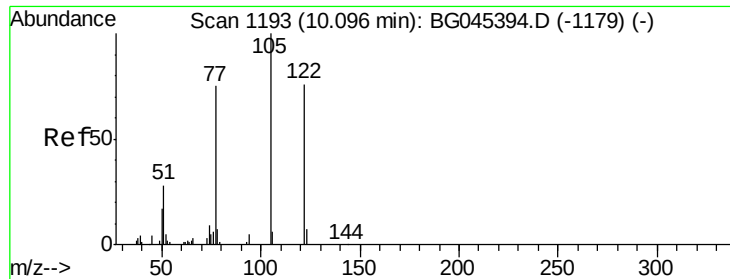
Tot Ion:136	Resp:	297501	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.4	14.2	
54 6.1	5.8	8.6	
68 6.4	4.5	6.7	



#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

Tgt Ion: 82	Resp: 494766
Ion Ratio	Lower Upper
82 100	
128 39.0	30.9 46.3
54 41.2	30.3 45.5

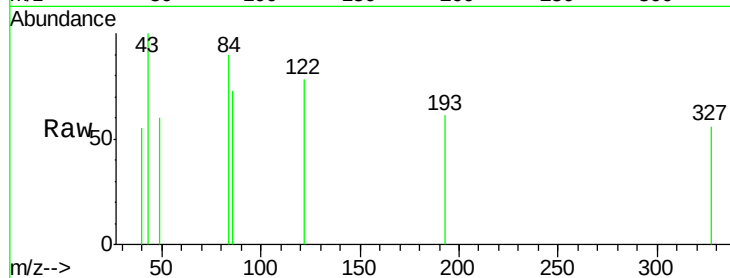




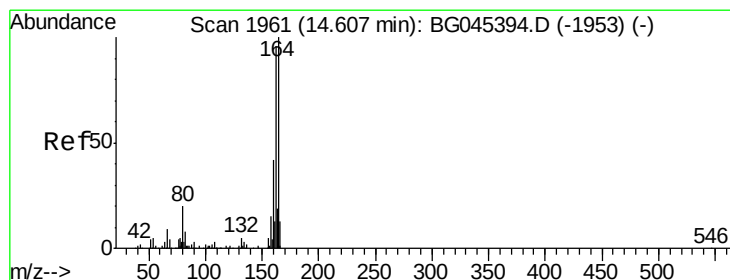
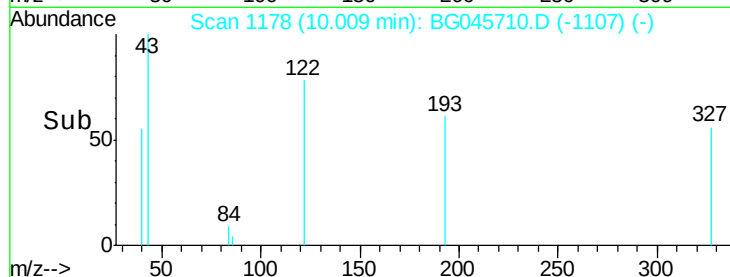
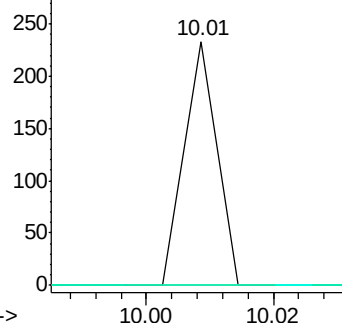
#32
Benzoic acid
Concen: 10.048 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.11 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Instrument :
BNA_G
ClientSampleId :
239988

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#

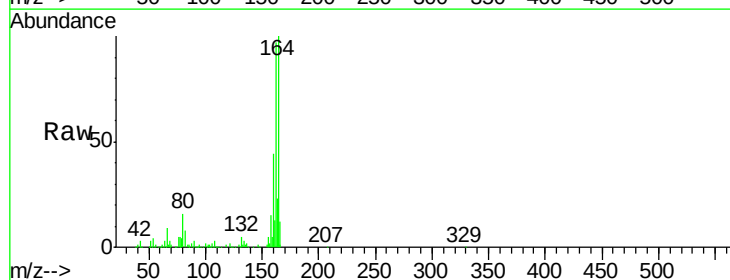


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

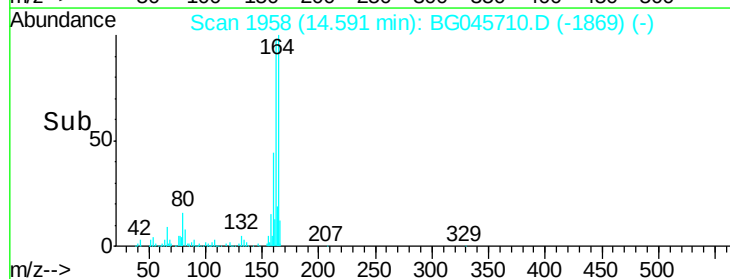
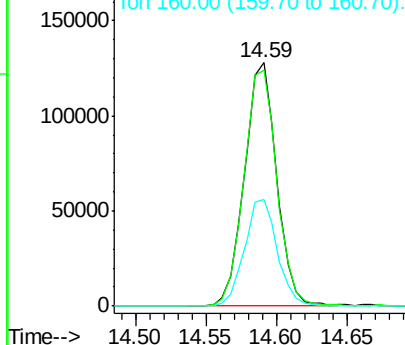


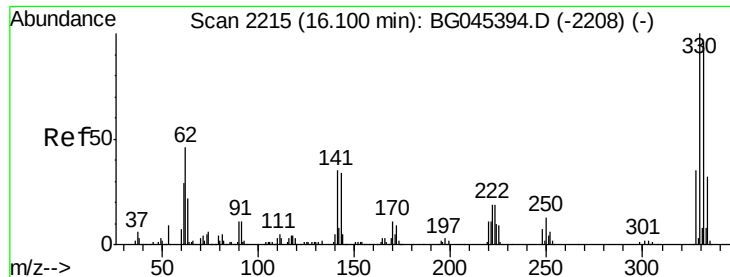
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

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



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#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

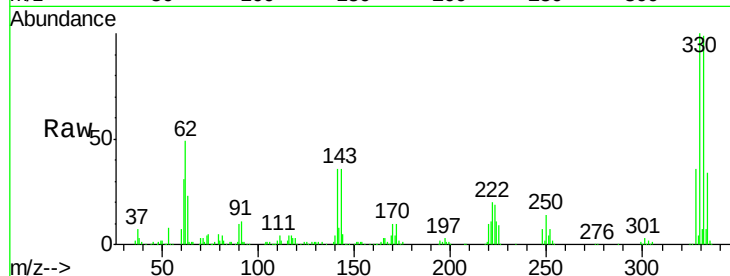
Tot Ion:330 Resp: 321684

Ion Ratio Lower Upper

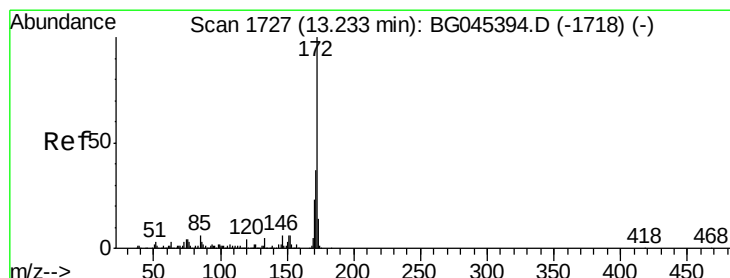
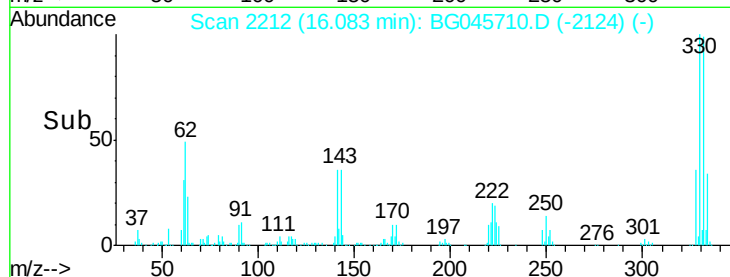
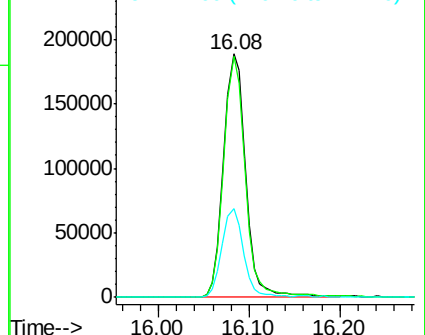
330 100

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

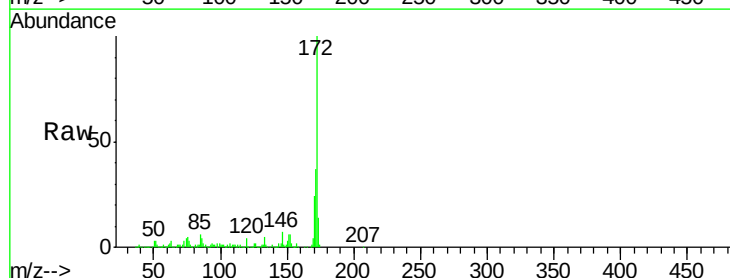
Tgt Ion:172 Resp: 1099843

Ion Ratio Lower Upper

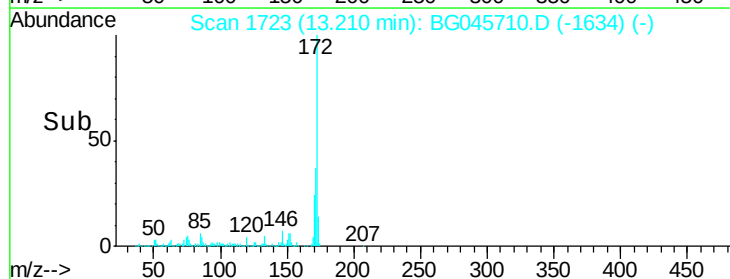
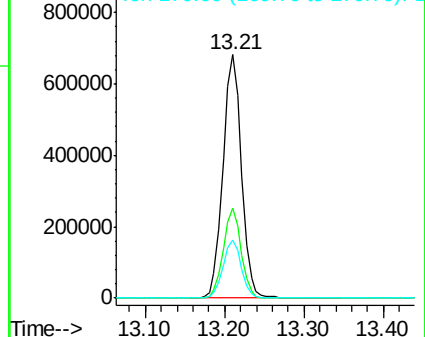
172 100

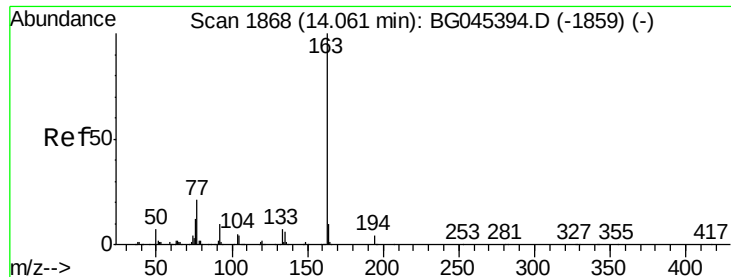
171 36.7 29.5 44.3

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

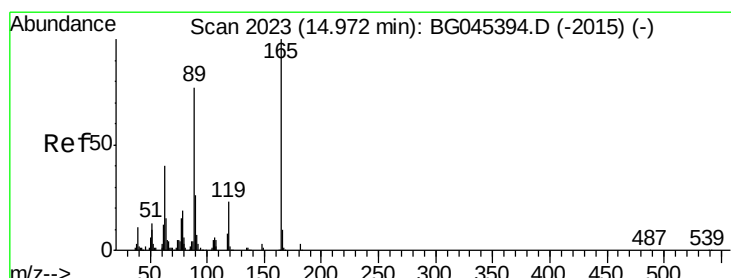
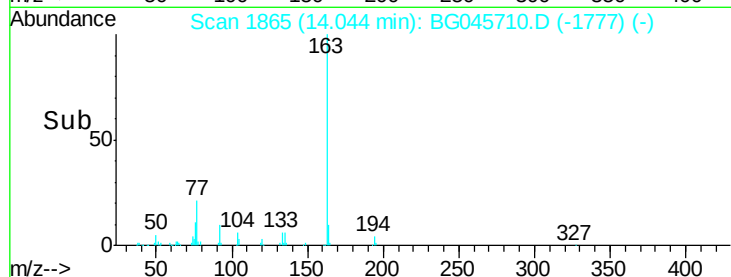
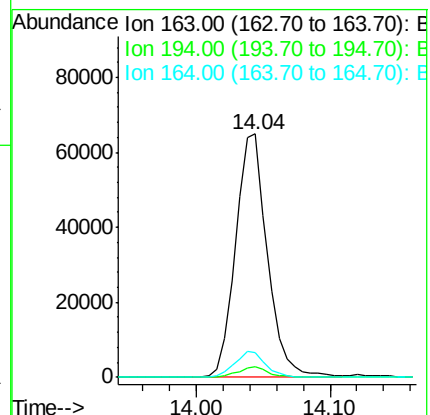
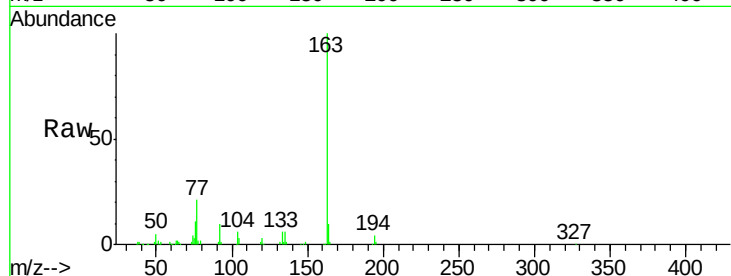
Tot Ion:163 Resp: 107722

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.3 8.3 12.5



#57

2,4-Dinitrotoluene

Concen: 5.933 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045710.D

Acq: 11 Jun 2020 6:04

Tgt Ion:165 Resp: 27188

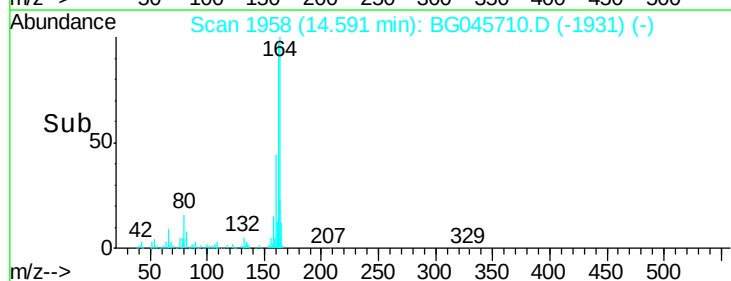
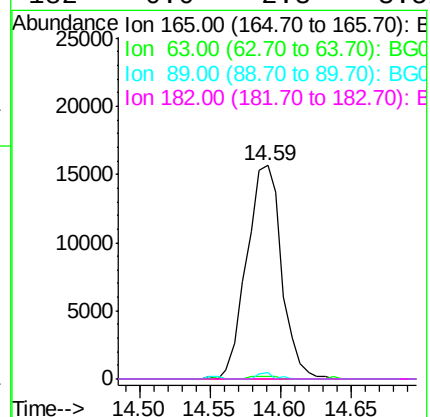
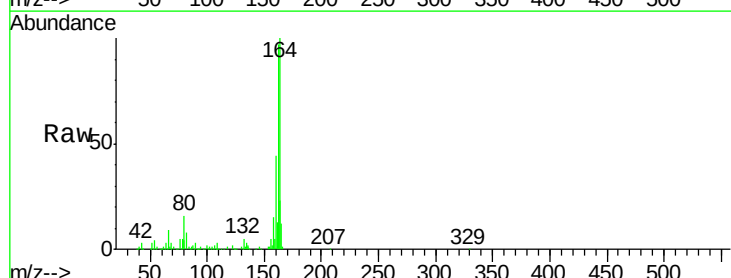
Ion Ratio Lower Upper

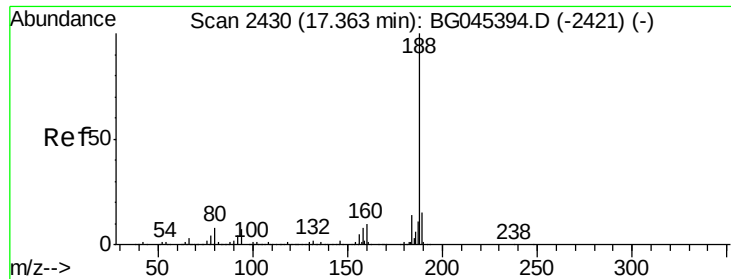
165 100

63 1.5 32.5 48.7#

89 2.9 61.8 92.6#

182 0.0 2.3 3.5#

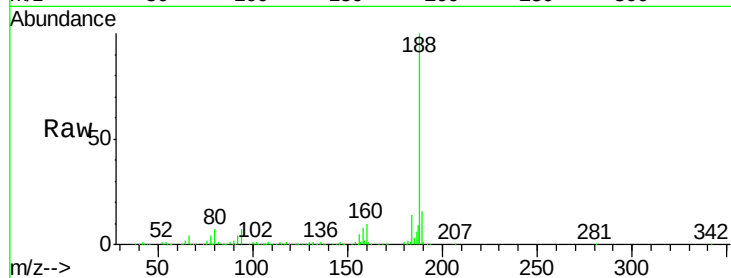




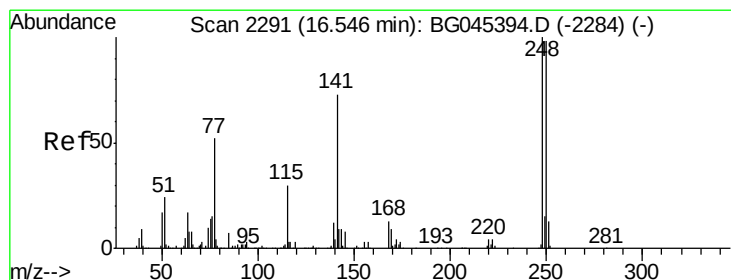
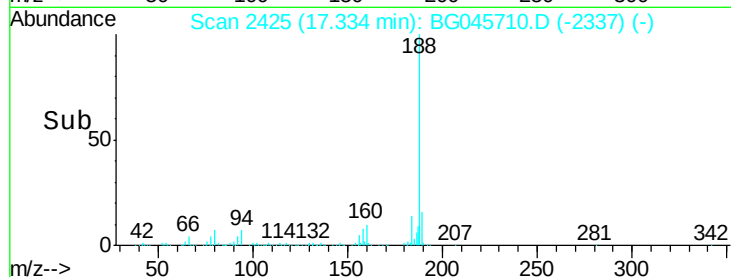
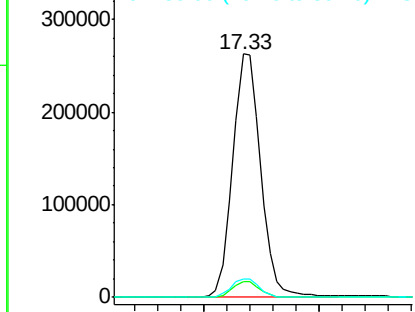
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Instrument :
BNA_G
ClientSampleId :
239988

Tot Ion:188 Resp: 443807
Ion Ratio Lower Upper
188 100
94 6.6 5.5 8.3
80 7.4 6.6 10.0

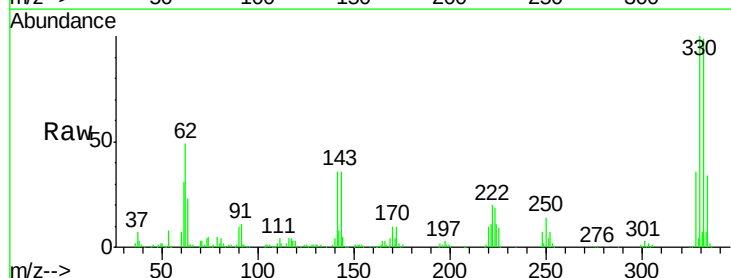


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

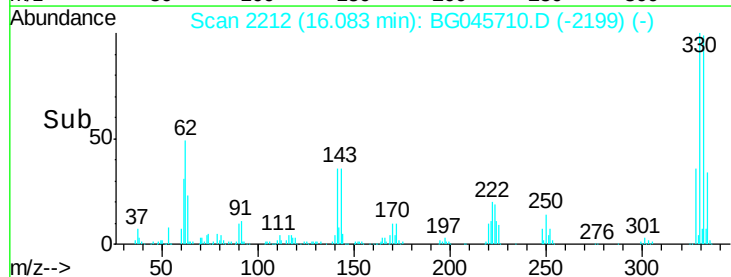
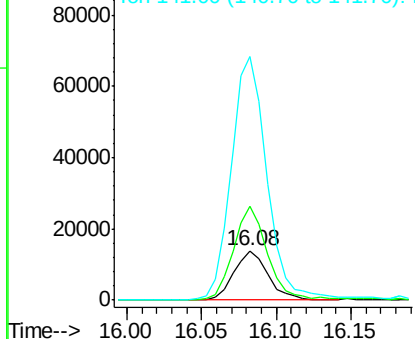


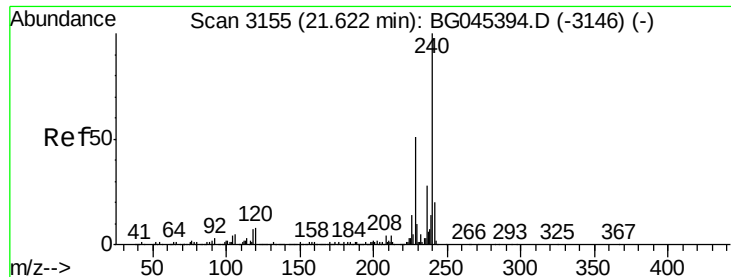
#67
4-Bromophenyl-phenylether
Concen: 4.588 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Tgt Ion:248 Resp: 22050
Ion Ratio Lower Upper
248 100
250 190.0 78.6 117.8#
141 494.3 58.2 87.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

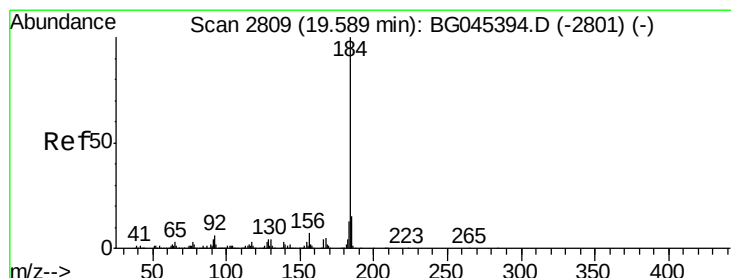
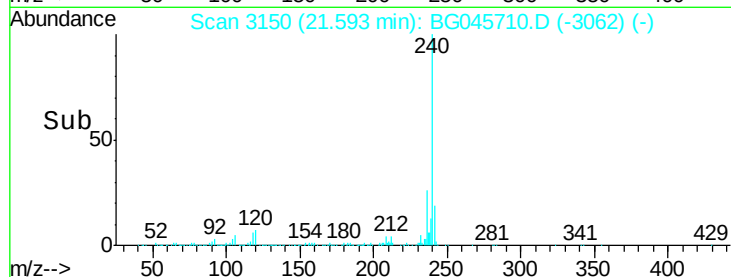
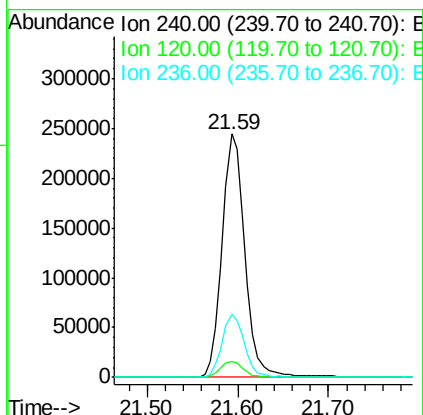
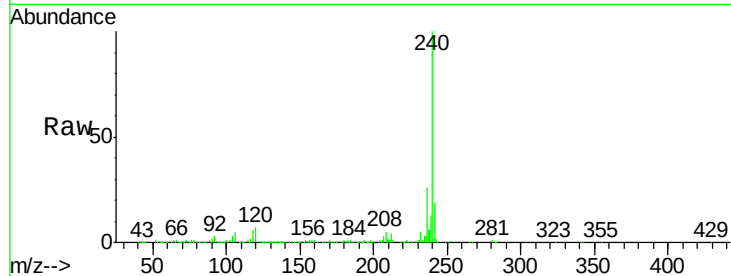




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

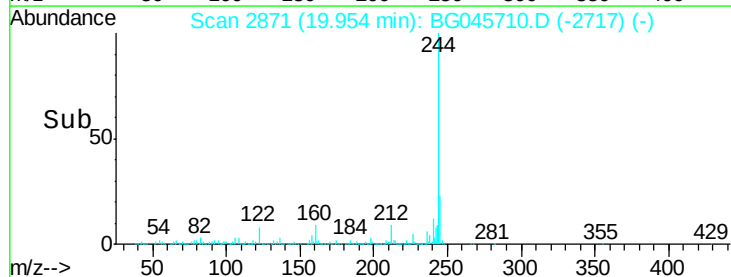
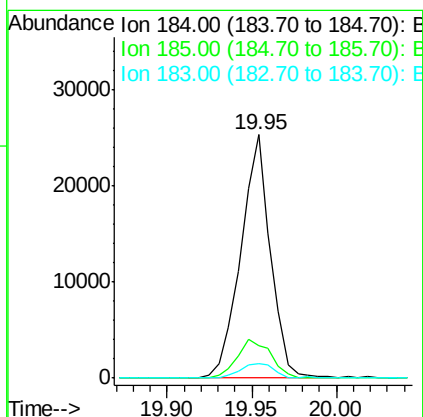
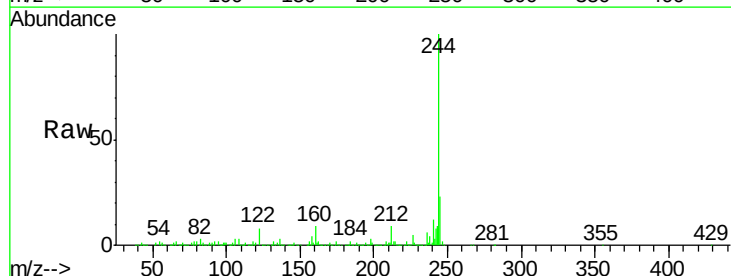
Instrument :
BNA_G
ClientSampleId :
239988

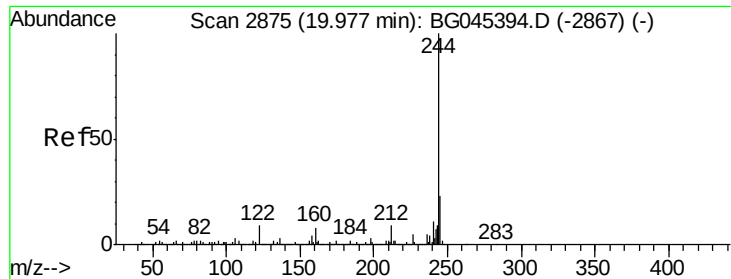
Tot Ion:240 Resp: 425596
Ion Ratio Lower Upper
240 100
120 6.6 6.1 9.1
236 26.0 22.3 33.5



#77
Benzidine
Concen: 2.580 ng
RT: 19.95 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045710.D
Acq: 11 Jun 2020 6:04

Tgt Ion:184 Resp: 30834
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 5.9 10.2 15.4#





#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

Instrument :

BNA_G

ClientSampleId :

239988

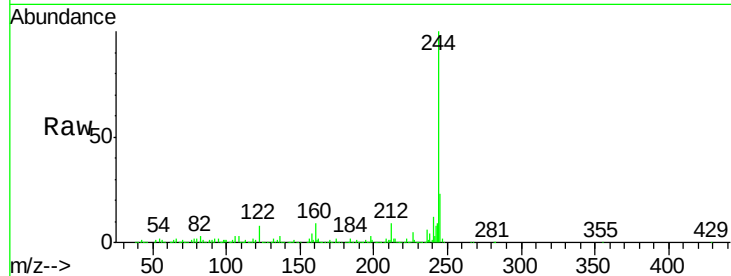
Tot Ion:244 Resp: 1666052

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

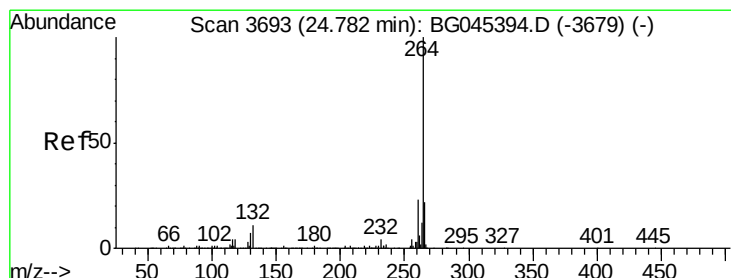
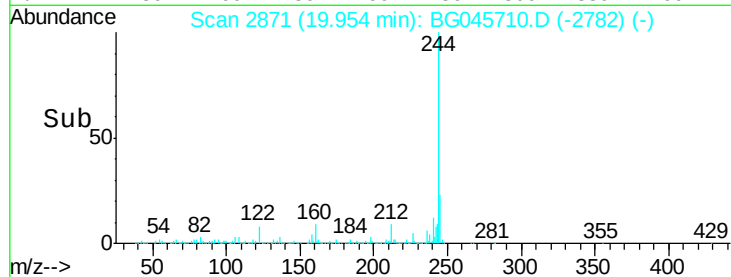
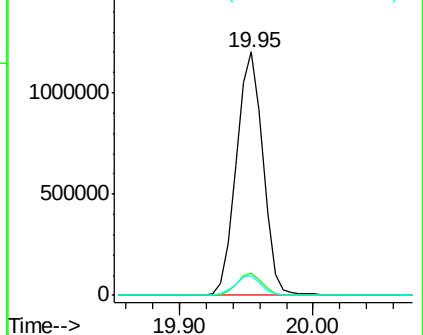
122 8.1 6.8 10.2



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

Perylene-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

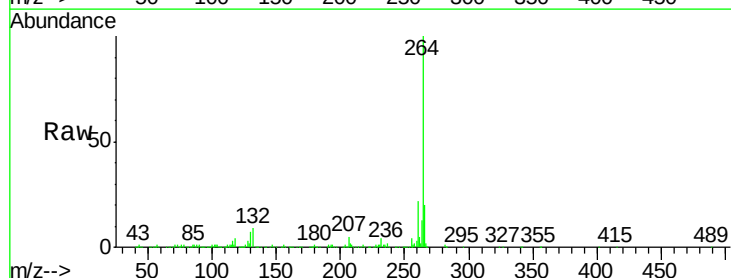
Tgt Ion:264 Resp: 441256

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 20.3 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

