

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045729.D
 Acq On : 11 Jun 2020 20:18
 Operator : CG/JU
 Sample : L2819-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-061020

Quant Time: Jun 12 02:29:42 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

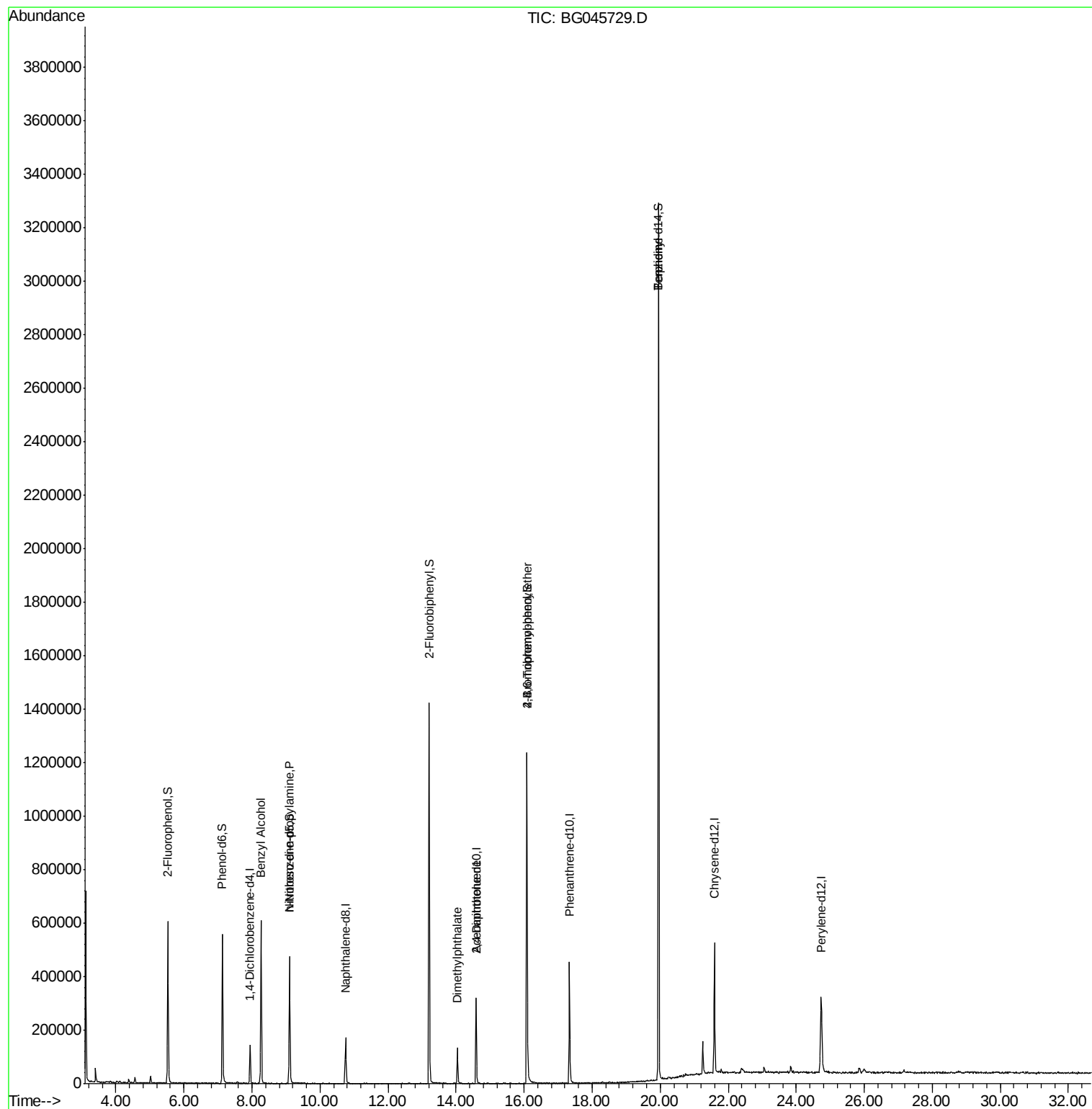
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	41059	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	164896	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	125547	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	321212	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	318687	20.00	ng	-0.01
87) Perylene-d12	24.74	264	326792	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	289582	137.83	ng	-0.01
7) Phenol-d6	7.13	99	376129	125.78	ng	-0.02
23) Nitrobenzene-d5	9.10	82	329844	109.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	270582	168.52	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	775324	104.75	ng	0.00
79) Terphenyl-d14	19.95	244	1616125	118.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.26	79	5906	2.391	ng	# 61
19) n-Nitroso-di-n-propylamine	9.10	70	45963	22.228	ng	# 81
50) Dimethylphthalate	14.04	163	101294	11.761	ng	# 99
57) 2,4-Dinitrotoluene	14.59	165	16354	5.811	ng	# 21
67) 4-Bromophenyl-phenylether	16.08	248	18797	5.404	ng	# 1
77) Benzidine	19.95	184	30940	3.457	ng	# 90

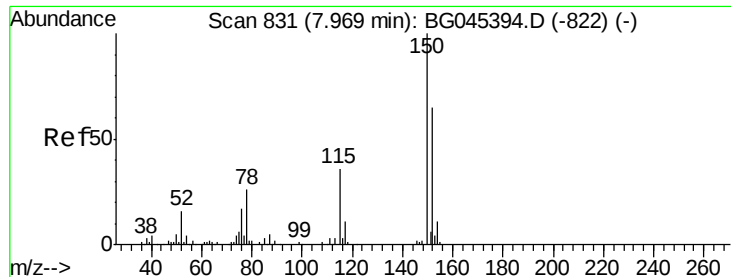
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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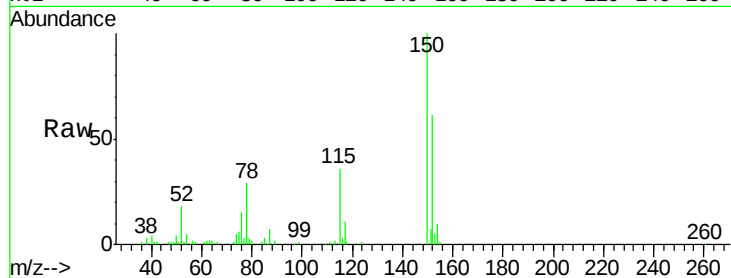


#1

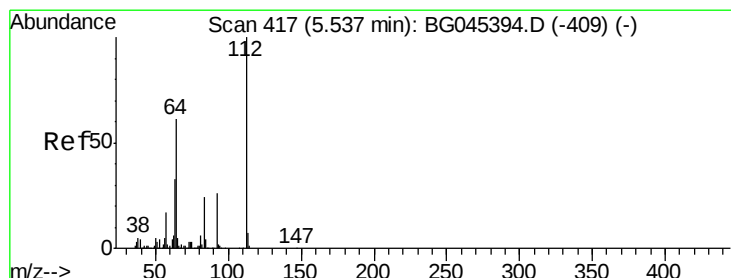
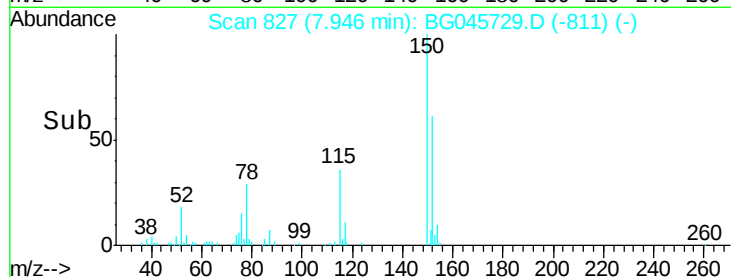
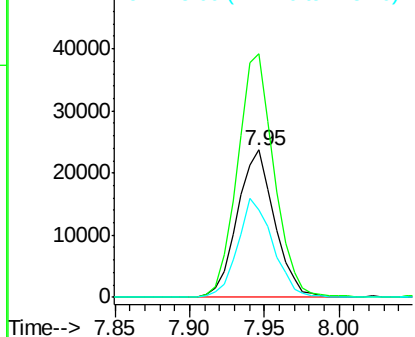
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045729.D
Acq: 11 Jun 2020 20:18

Instrument :
BNA_G
ClientSampleId :
BU-02-061020

Tot Ion:152 Resp: 41059
Ion Ratio Lower Upper
152 100
150 165.1 122.4 183.6
115 59.4 44.2 66.4



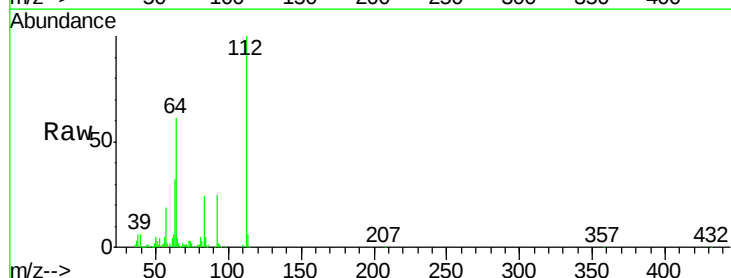
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



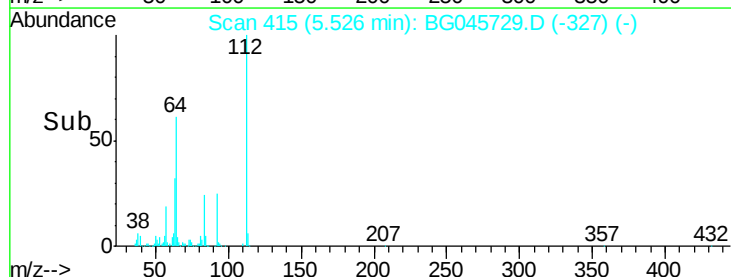
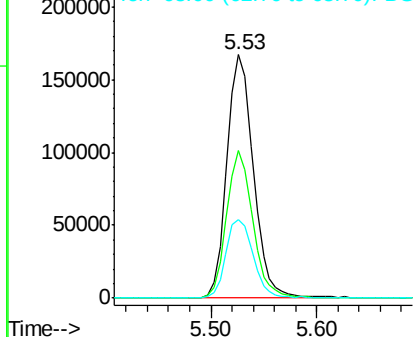
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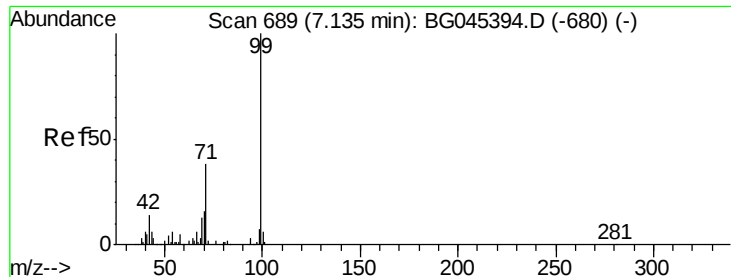
2-Fluorophenol
Concen: 137.833 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045729.D
Acq: 11 Jun 2020 20:18

Tgt Ion:112 Resp: 289582
Ion Ratio Lower Upper
112 100
64 60.8 48.6 72.8
63 32.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.783 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA_G

ClientSampleId :

BU-02-061020

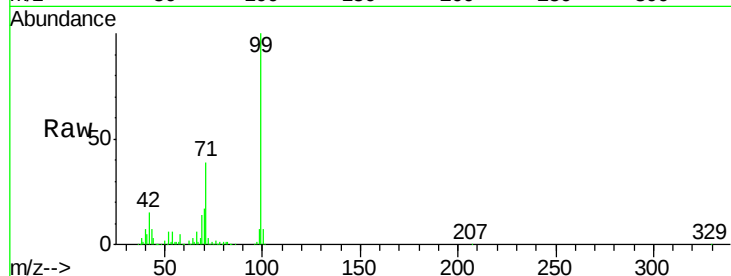
Tot Ion: 99 Resp: 376129

Ion Ratio Lower Upper

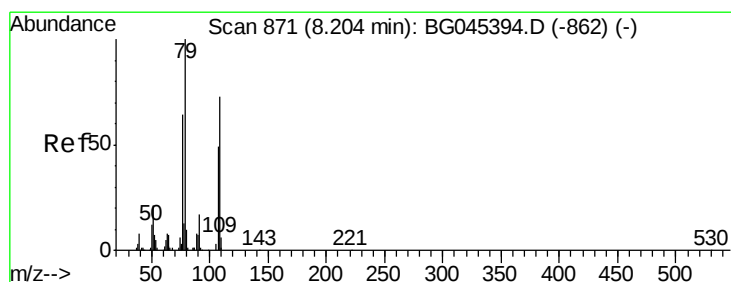
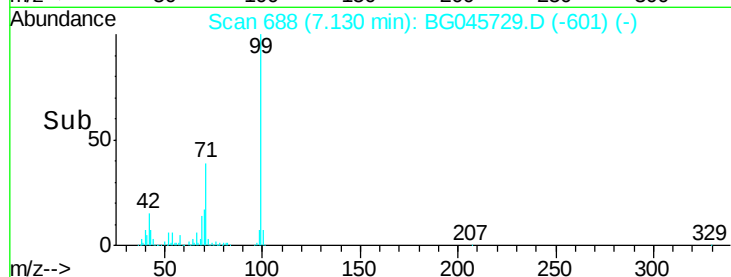
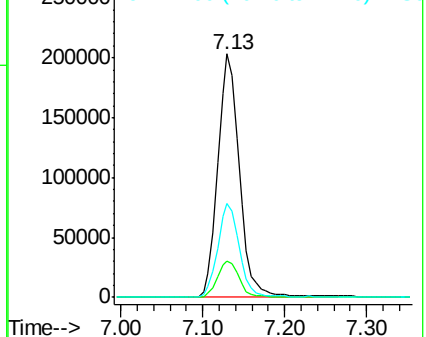
99 100

42 14.8 11.3 16.9

71 38.7 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



#15

Benzyl Alcohol

Concen: 2.391 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.06 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

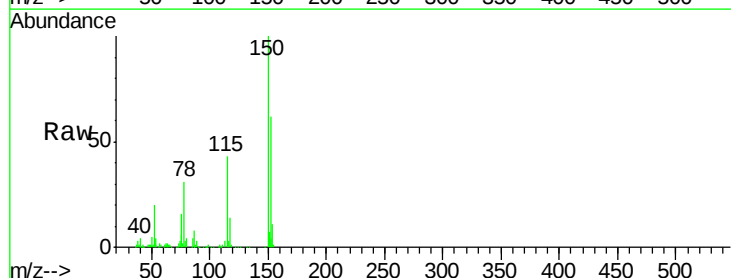
Tgt Ion: 79 Resp: 5906

Ion Ratio Lower Upper

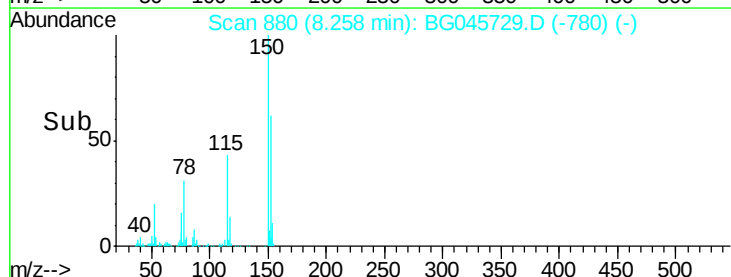
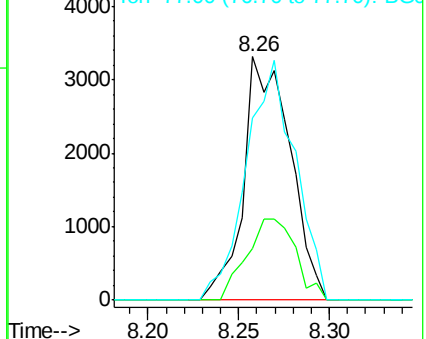
79 100

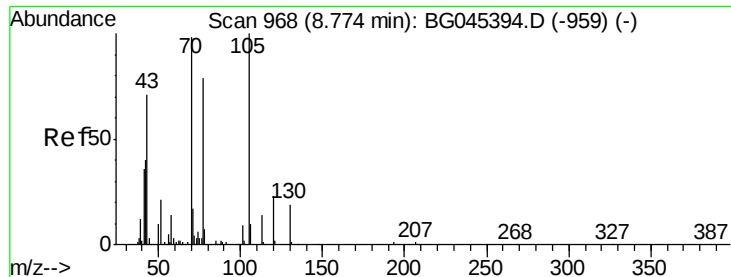
108 21.4 58.2 87.4#

77 74.9 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

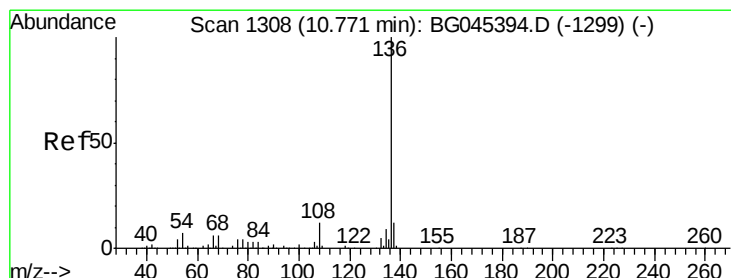
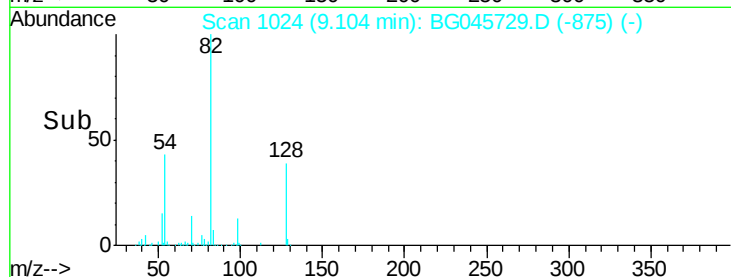
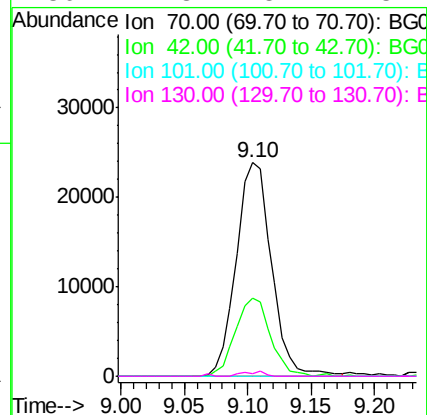
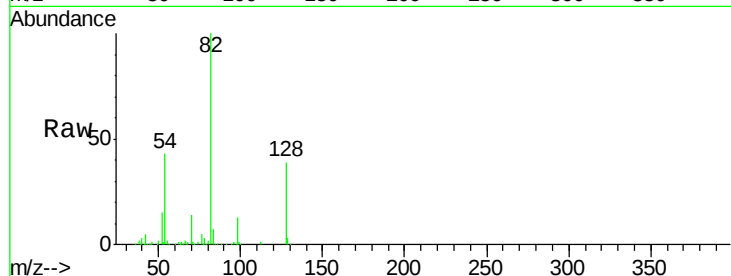




#19
n-Nitroso-di-n-propylamine
Concen: 22.228 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045729.D
Acq: 11 Jun 2020 20:18

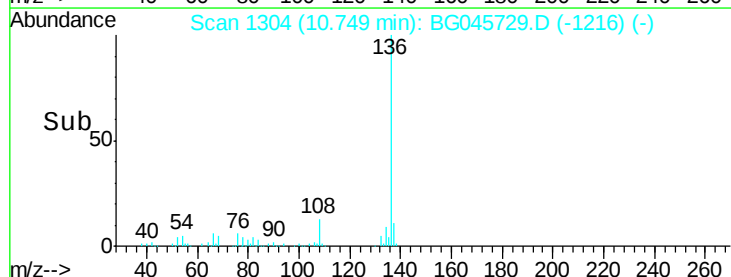
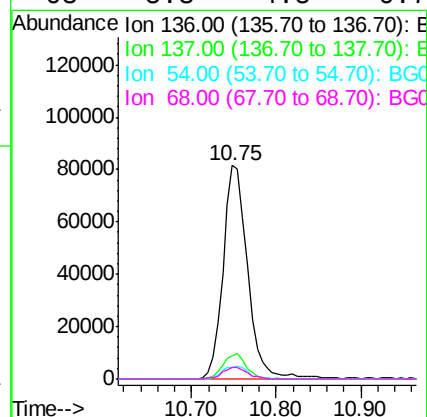
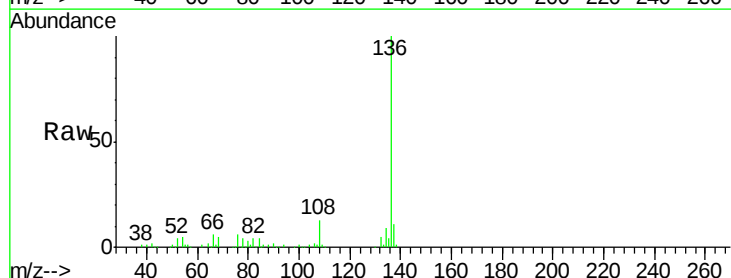
Instrument :
BNA_G
ClientSampleId :
BU-02-061020

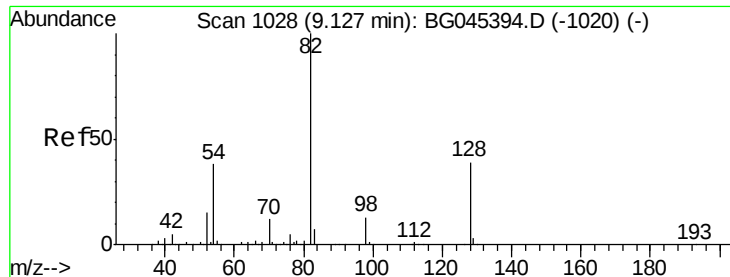
Tot Ion: 70 Resp: 45963
Ion Ratio Lower Upper
70 100
42 36.5 33.2 49.8
101 0.0 7.8 11.6#
130 1.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045729.D
Acq: 11 Jun 2020 20:18

Tgt Ion: 136 Resp: 164896
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 5.5 5.8 8.6#
68 5.3 4.5 6.7

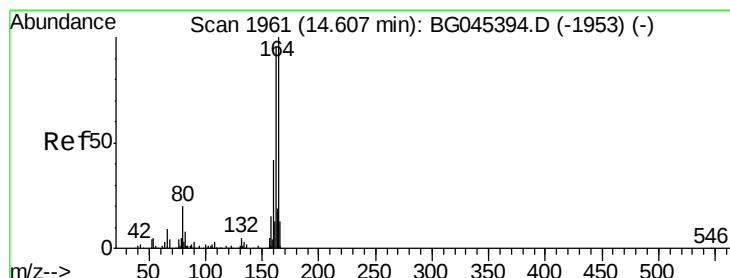
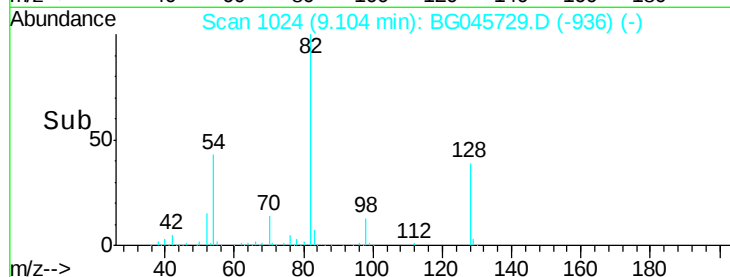
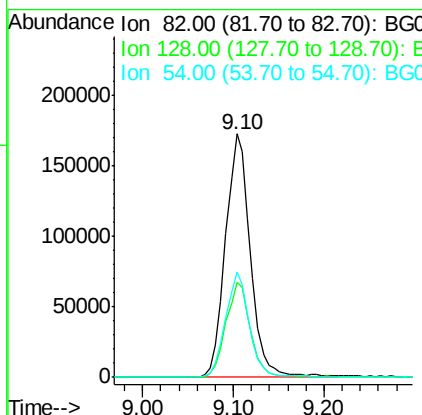
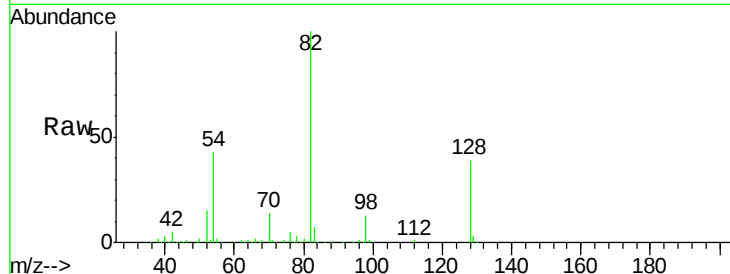




#23
 Nitrobenzene-d5
 Concen: 109.080 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045729.D
 Acq: 11 Jun 2020 20:18

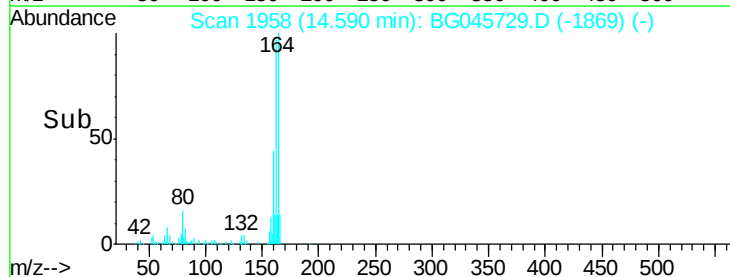
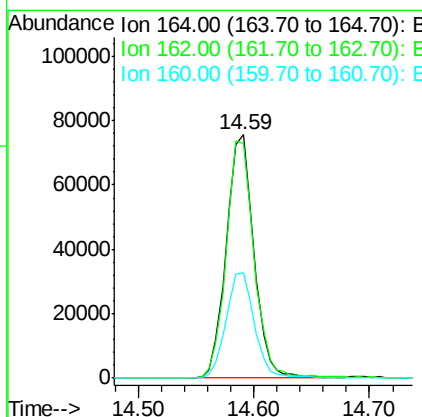
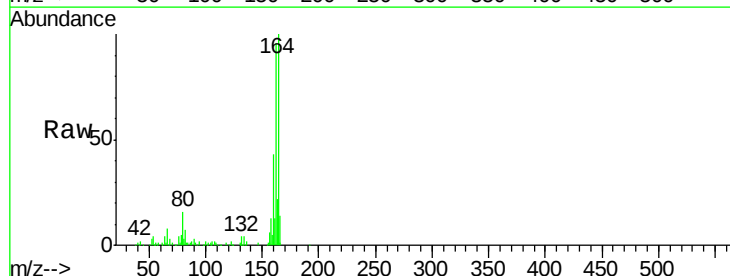
Instrument :
 BNA_G
 ClientSampleId :
 BU-02-061020

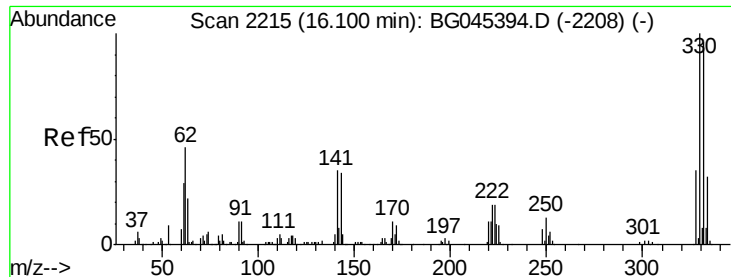
Tot Ion	82	Resp	329844
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	43.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045729.D
 Acq: 11 Jun 2020 20:18

Tgt Ion	164	Resp	125547
Ion Ratio	Lower	Upper	
164	100		
162	96.5	76.9	115.3
160	43.4	33.8	50.8

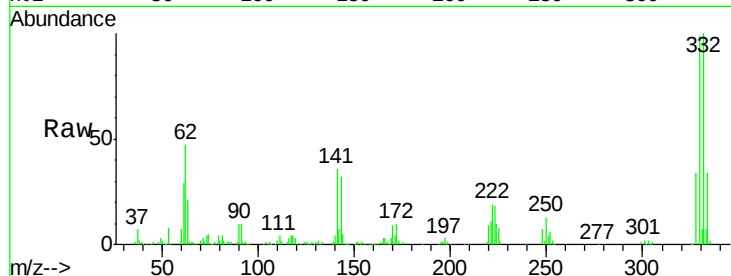




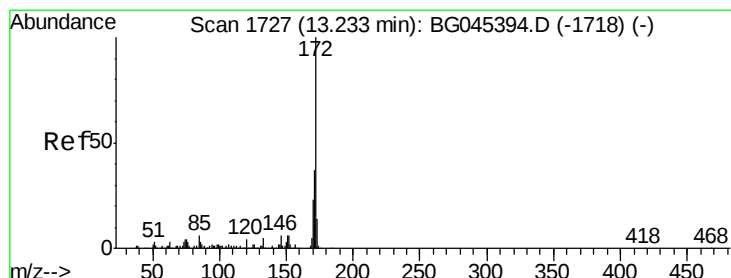
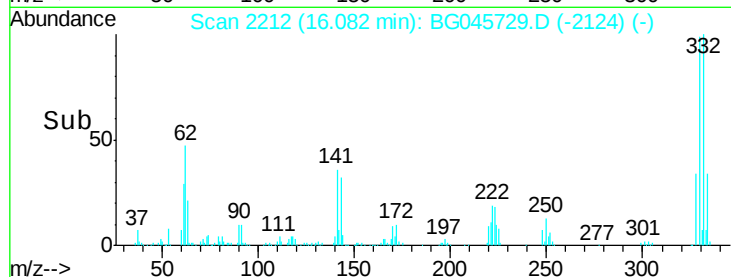
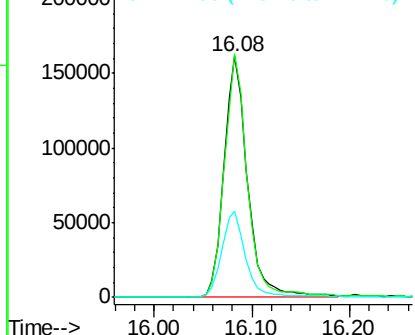
#42
 2,4,6-Tribromophenol
 Concen: 168.523 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045729.D
 Acq: 11 Jun 2020 20:18

Instrument :
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 ClientSampleId :
 BU-02-061020

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.2	117.4
141	35.8	28.2	42.4

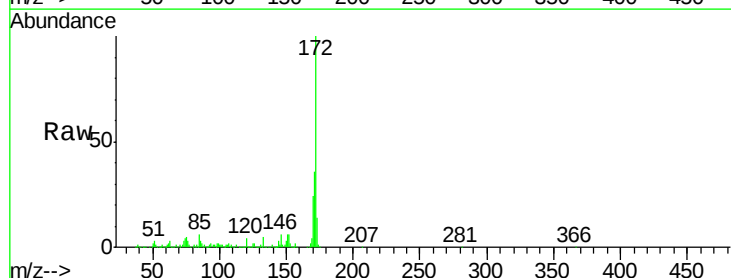


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

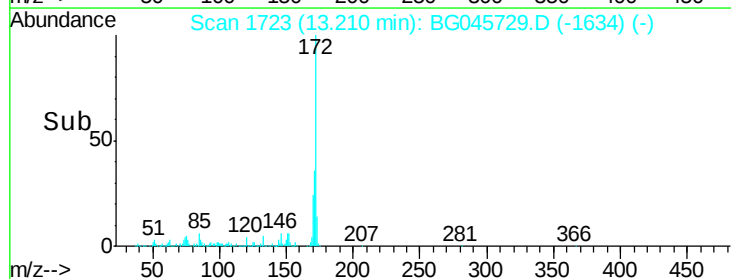
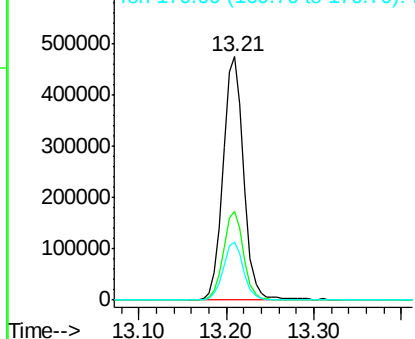


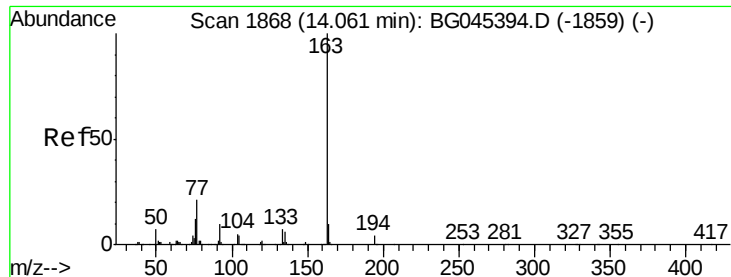
#45
 2-Fluorobiphenyl
 Concen: 104.750 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045729.D
 Acq: 11 Jun 2020 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	23.6	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: 11.761 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA_G

ClientSampleId :

BU-02-061020

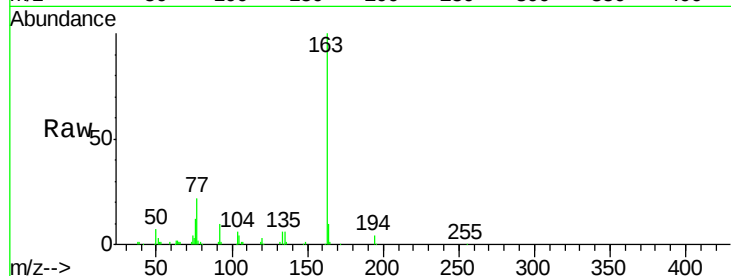
Tot Ion:163 Resp: 101294

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

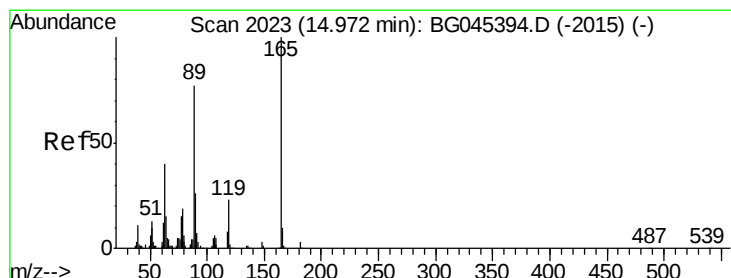
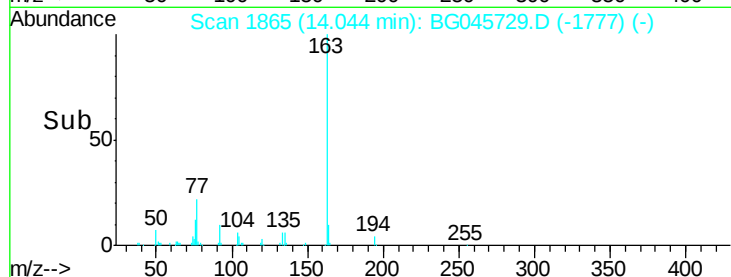
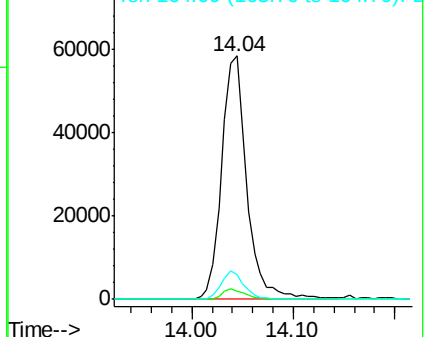
164 10.3 8.3 12.5



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



#57

2,4-Dinitrotoluene

Concen: 5.811 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Tgt Ion:165 Resp: 16354

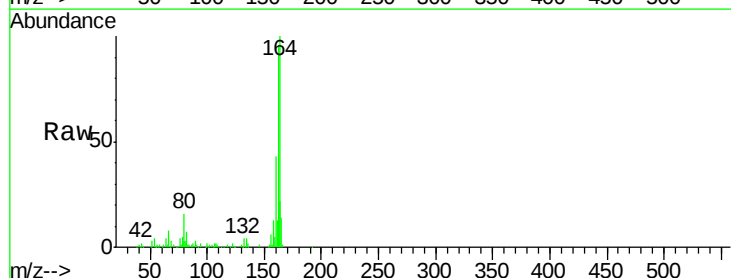
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 0.0 61.8 92.6#

182 0.0 2.3 3.5#

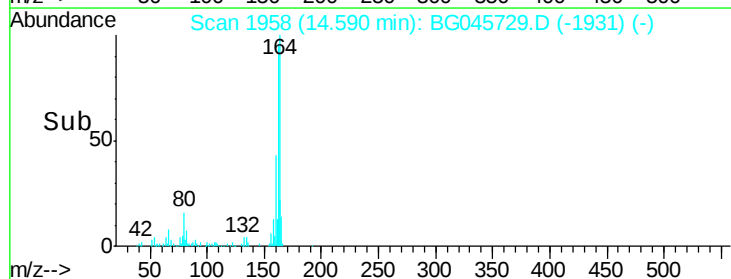
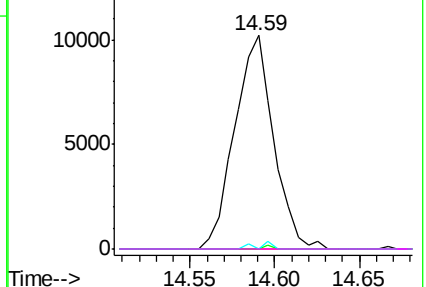


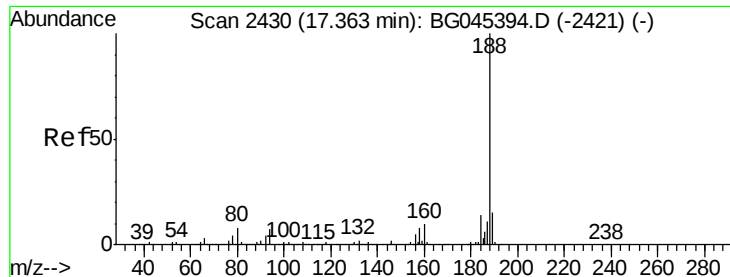
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA_G

ClientSampleId :

BU-02-061020

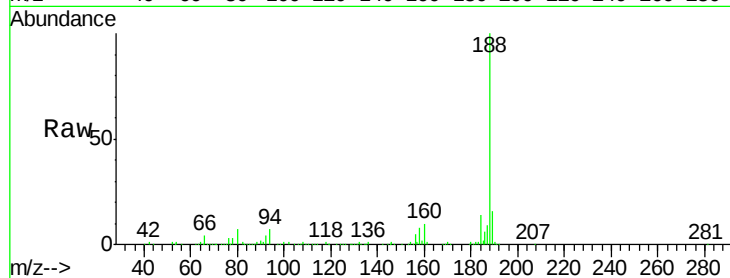
Tot Ion:188 Resp: 321212

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

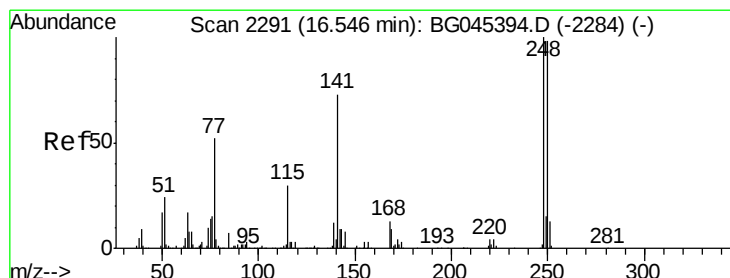
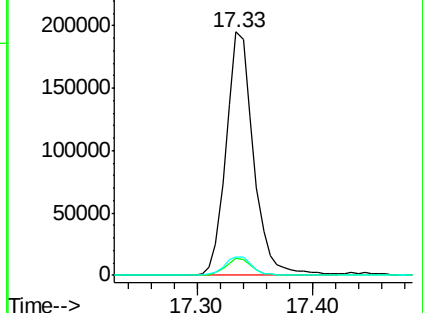
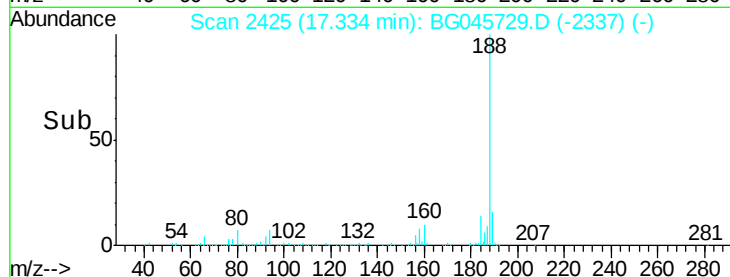
80 7.4 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.404 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

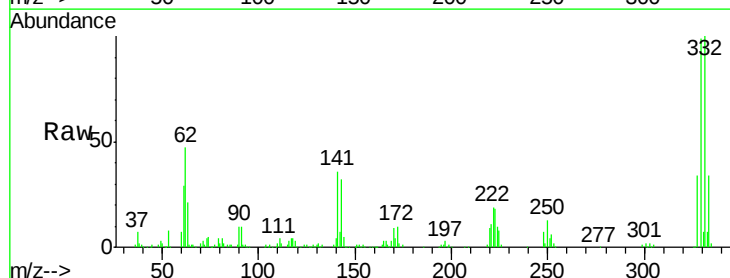
Tgt Ion:248 Resp: 18797

Ion Ratio Lower Upper

248 100

250 194.6 78.6 117.8#

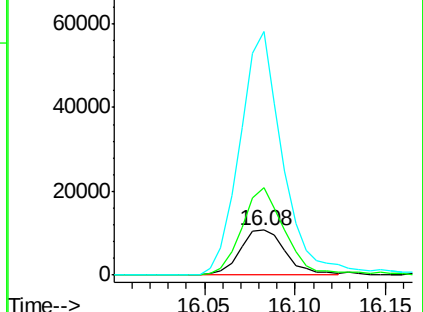
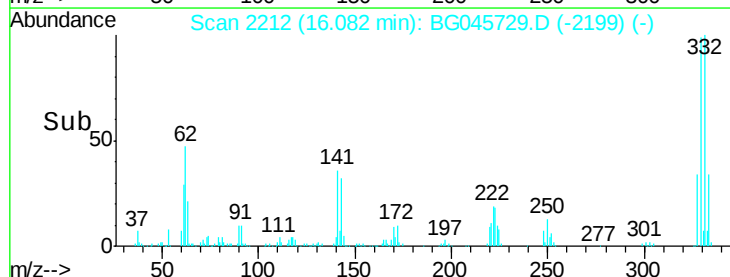
141 544.1 58.2 87.2#

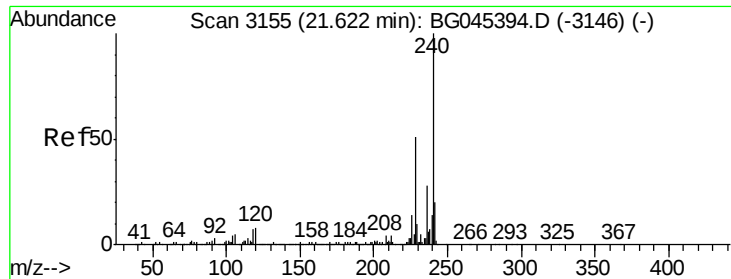


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA_G

ClientSampleId :

BU-02-061020

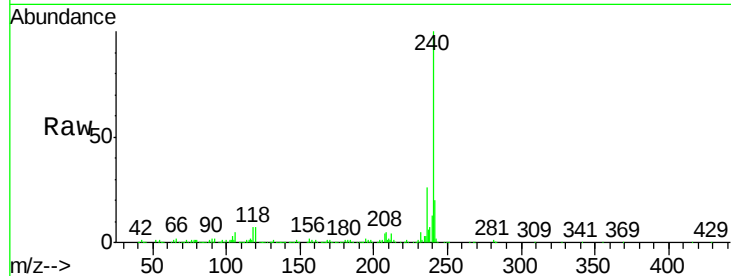
Tot Ion:240 Resp: 318687

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

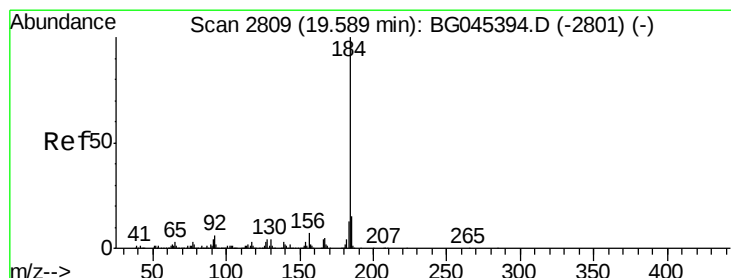
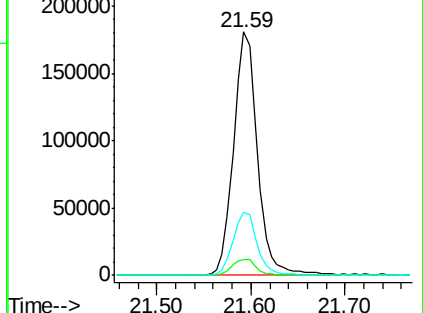
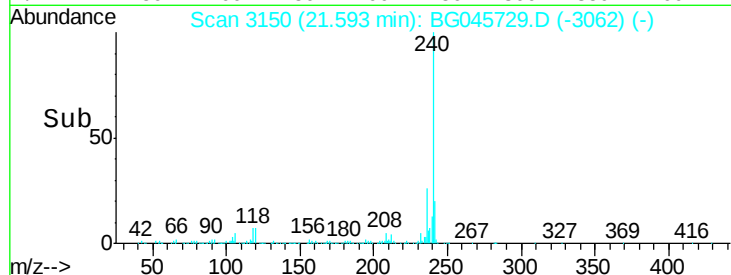
236 26.0 22.3 33.5



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



#77

Benzidine

Concen: 3.457 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

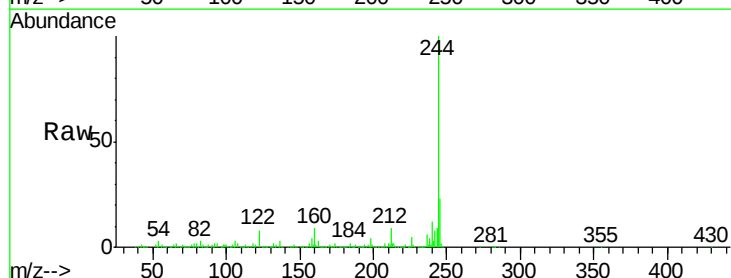
Tgt Ion:184 Resp: 30940

Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

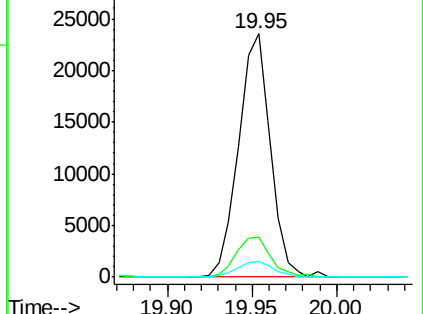
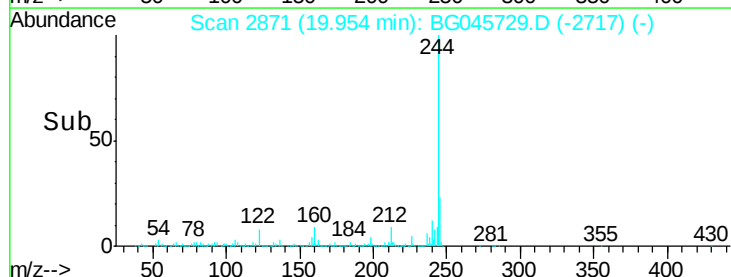
183 6.7 10.2 15.4#

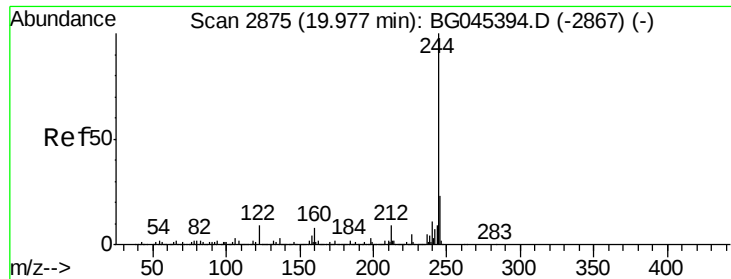


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 118.275 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

Instrument :

BNA_G

ClientSampleId :

BU-02-061020

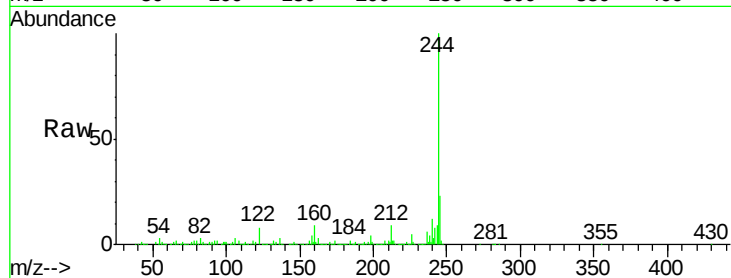
Tot Ion:244 Resp: 1616125

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

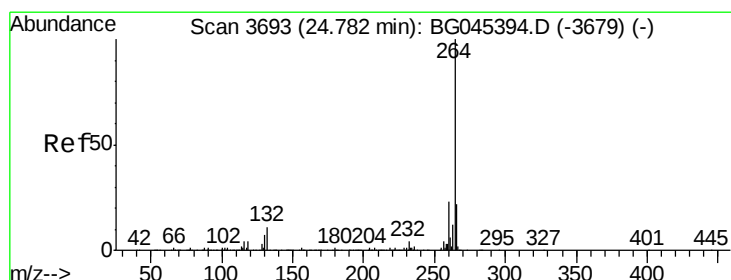
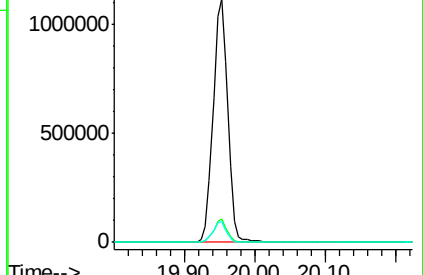
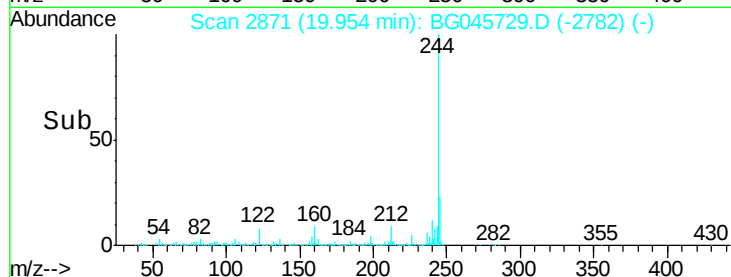
122 8.5 6.8 10.2



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# 3685

Delta R.T. -0.02 min

Lab File: BG045729.D

Acq: 11 Jun 2020 20:18

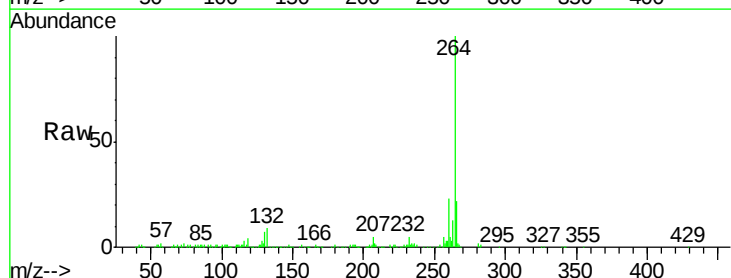
Tgt Ion:264 Resp: 326792

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.7 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

