

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045724.D
 Acq On : 11 Jun 2020 16:55
 Operator : CG/JU
 Sample : PB129493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BL

Quant Time: Jun 11 18:10:18 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

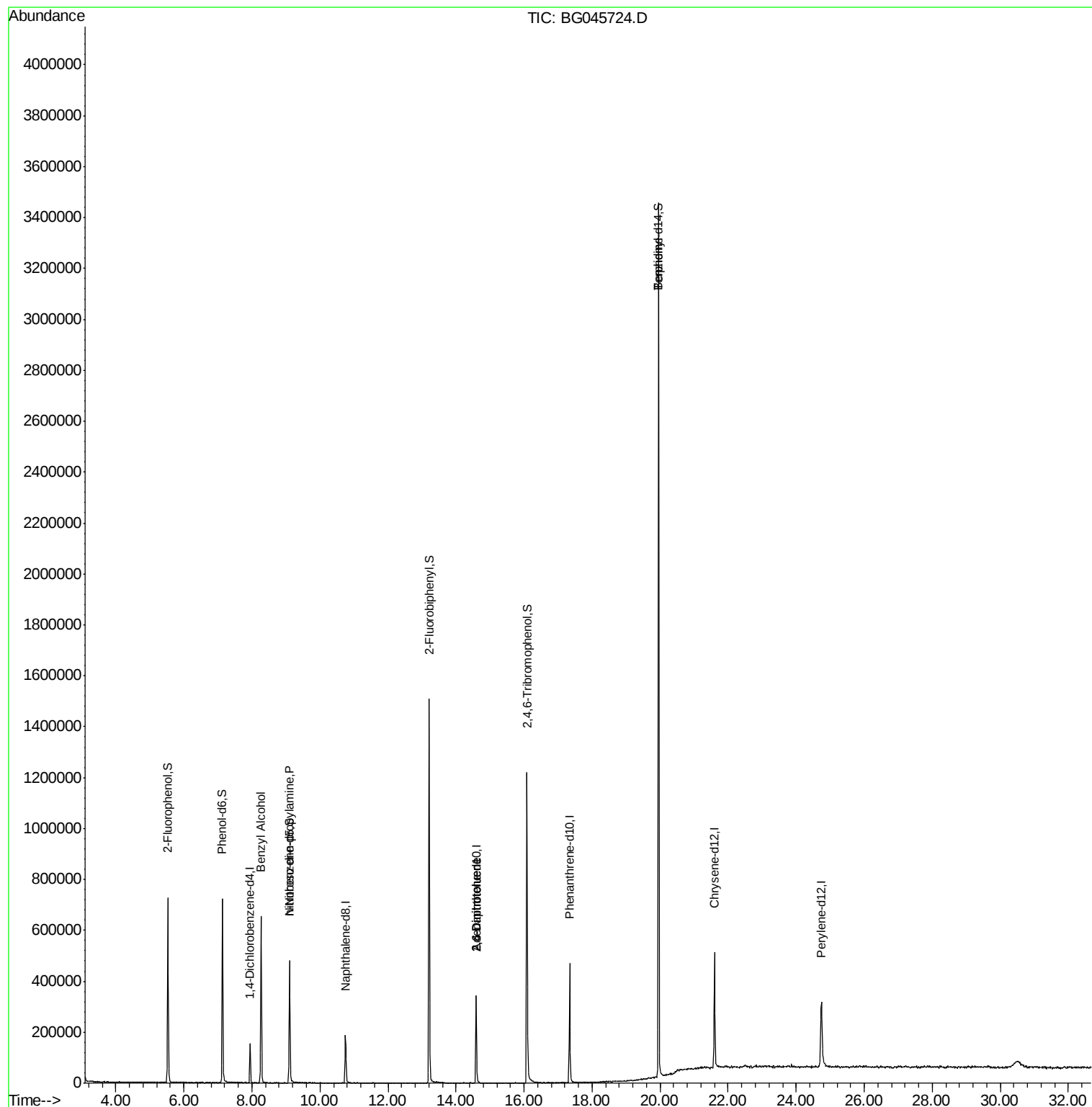
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	43521	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	178275	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	135277	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	346476	20.00	ng	0.00
76) Chrysene-d12	21.59	240	320902	20.00	ng	-0.01
87) Perylene-d12	24.74	264	331804	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	341026	153.14	ng	-0.01
7) Phenol-d6	7.13	99	484400	152.83	ng	-0.02
23) Nitrobenzene-d5	9.10	82	348771	106.68	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	283354	163.78	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	835520	104.76	ng	0.00
79) Terphenyl-d14	19.95	244	1634985	118.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	6730	2.570	ng	# 57
19) n-Nitroso-di-n-propylamine	9.10	70	48799	22.264	ng	# 79
51) 2,6-Dinitrotoluene	14.59	165	18051	8.620	ng	# 22
57) 2,4-Dinitrotoluene	14.59	165	18107	5.971	ng	# 22
77) Benzidine	19.95	184	31830	3.532	ng	# 93

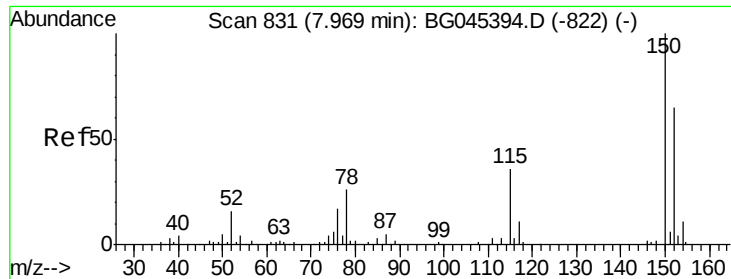
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



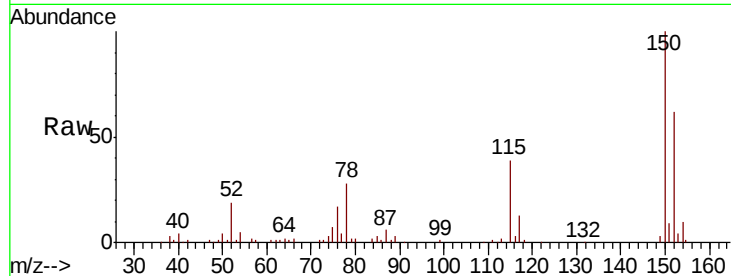


#1

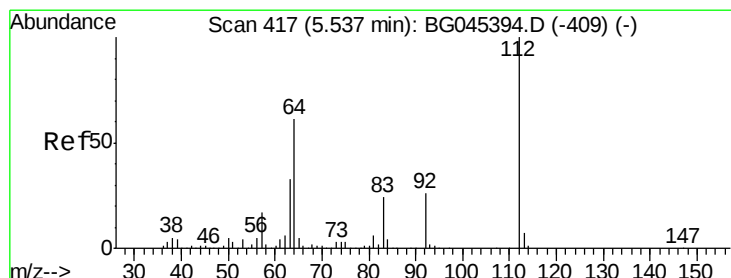
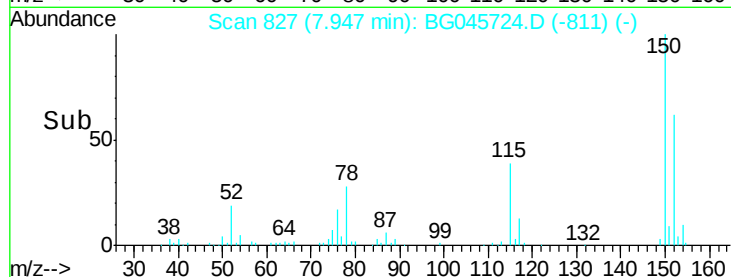
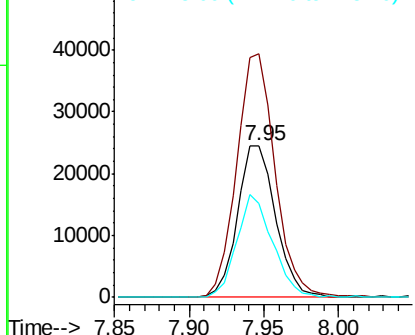
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Instrument :
BNA_G
ClientSampleId :
PB129493BL

Tot Ion:152 Resp: 43521
Ion Ratio Lower Upper
152 100
150 160.6 122.4 183.6
115 62.1 44.2 66.4



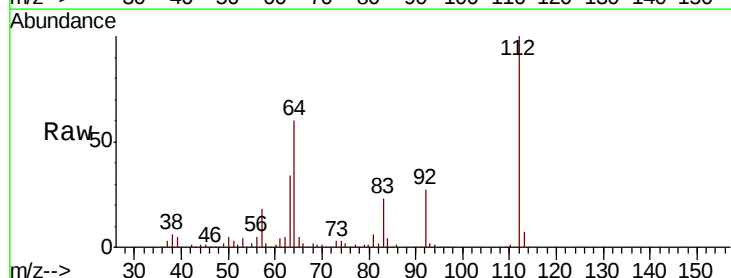
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



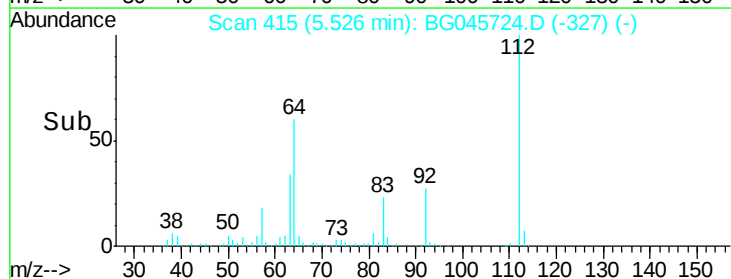
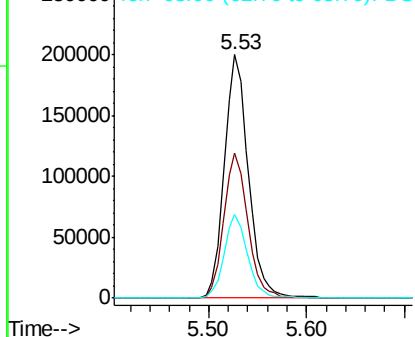
#5

2-Fluorophenol
Concen: 153.137 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Tgt Ion:112 Resp: 341026
Ion Ratio Lower Upper
112 100
64 59.7 48.6 72.8
63 34.2 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: 152.827 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Instrument :

BNA_G

ClientSampleId :

PB129493BL

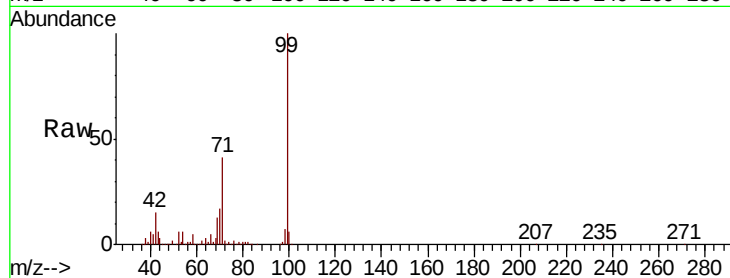
Tot Ion: 99 Resp: 484400

Ion Ratio Lower Upper

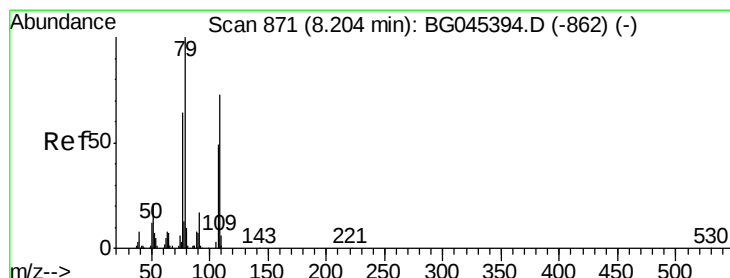
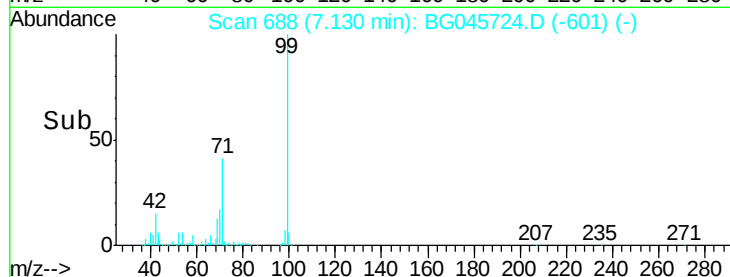
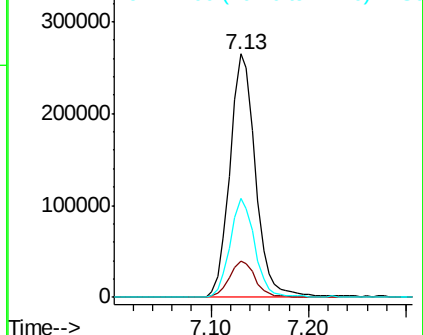
99 100

42 14.7 11.3 16.9

71 40.8 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: 2.570 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

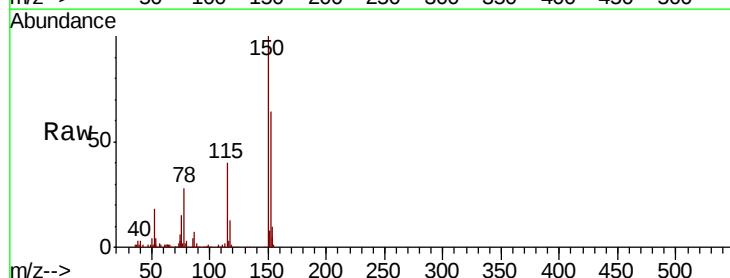
Tgt Ion: 79 Resp: 6730

Ion Ratio Lower Upper

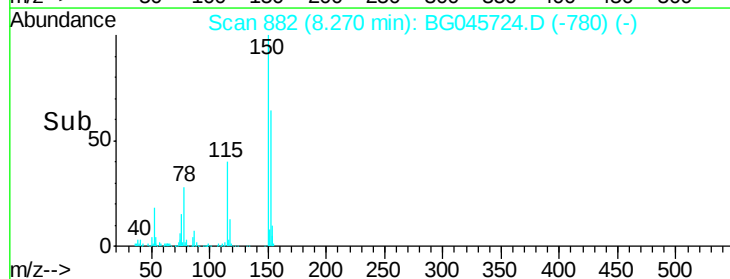
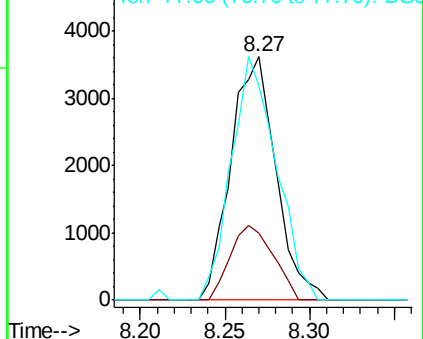
79 100

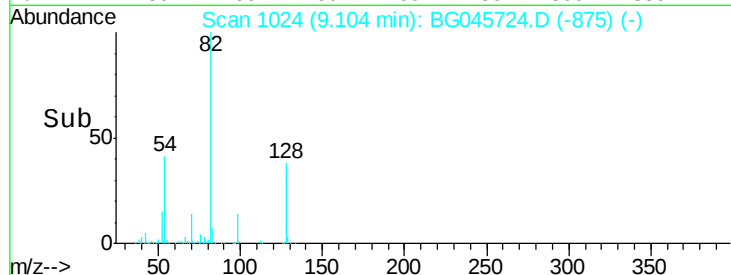
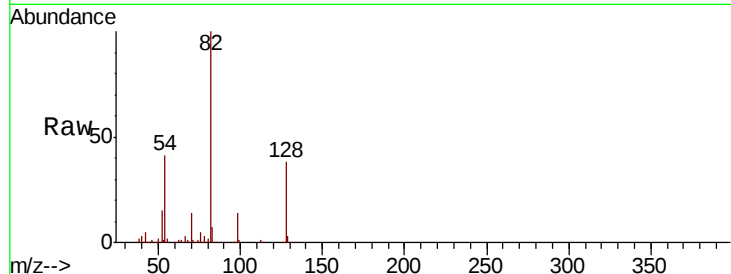
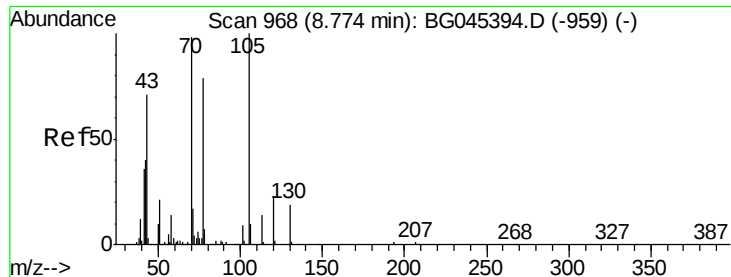
108 27.4 58.2 87.4#

77 87.9 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

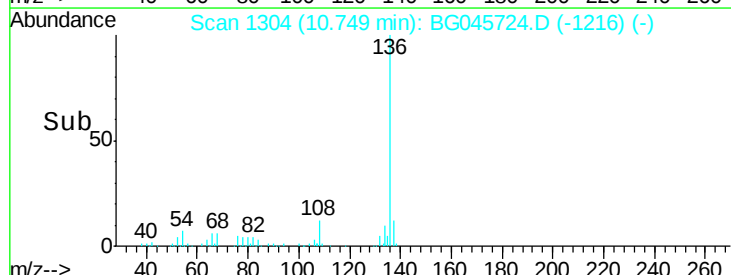
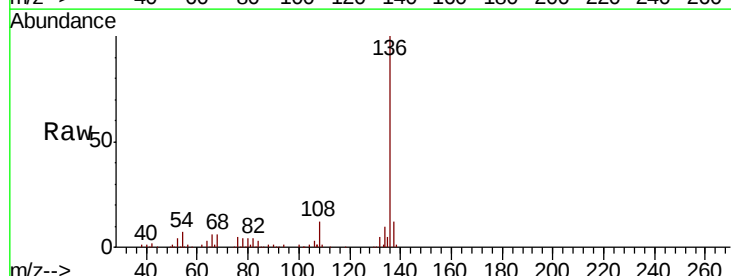
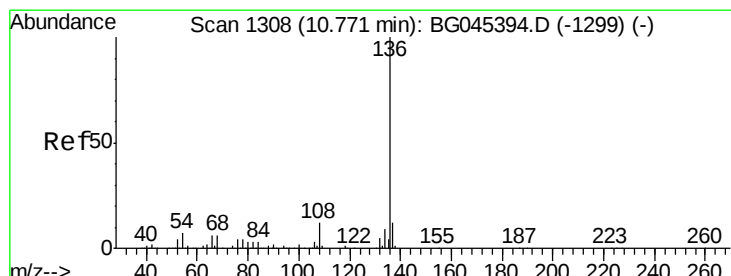
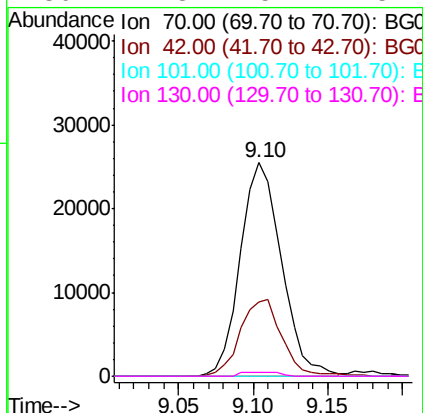




#19
n-Nitroso-di-n-propylamine
Concen: 22.264 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

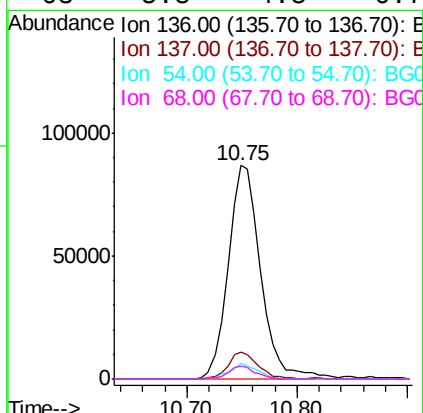
Instrument :
BNA_G
ClientSampleId :
PB129493BL

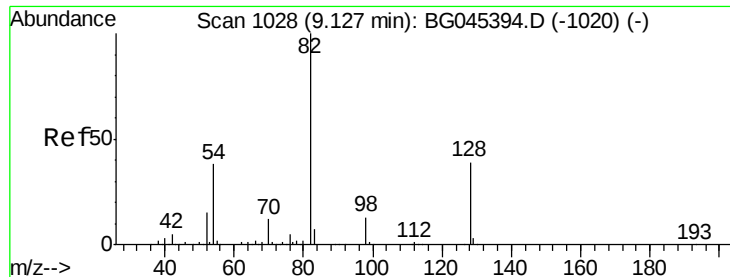
Tot Ion:	70	Resp:	48799
Ion	Ratio	Lower	Upper
70	100		
42	34.6	33.2	49.8
101	0.0	7.8	11.6#
130	1.8	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Tgt Ion:	136	Resp:	178275
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.2
54	7.1	5.8	8.6
68	5.8	4.5	6.7

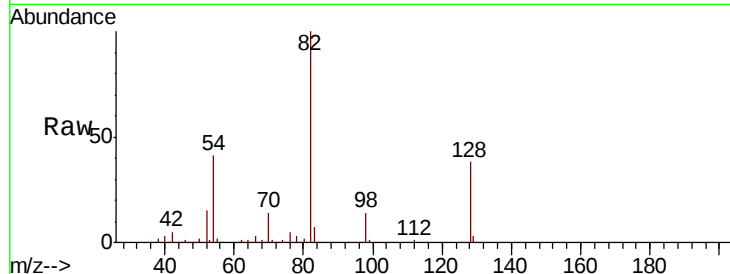




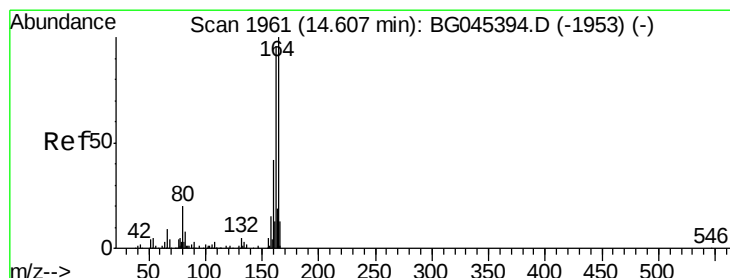
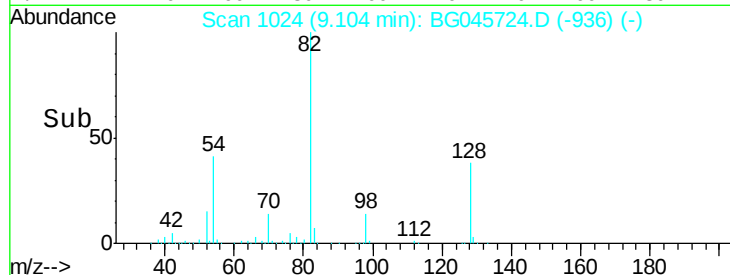
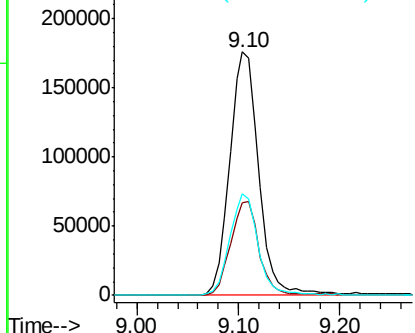
#23
Nitrobenzene-d5
Concen: 106.684 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Instrument :
BNA_G
ClientSampleId :
PB129493BL

Tot Ion	82	Resp	348771
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.9	46.3
54	41.5	30.3	45.5

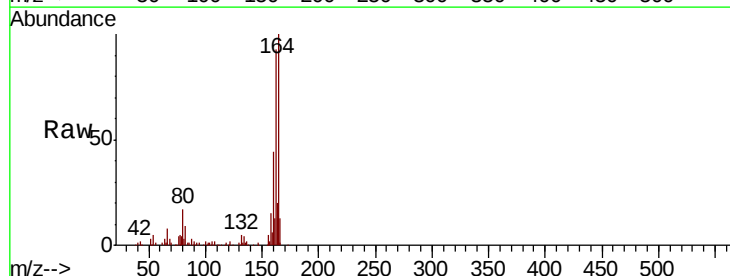


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

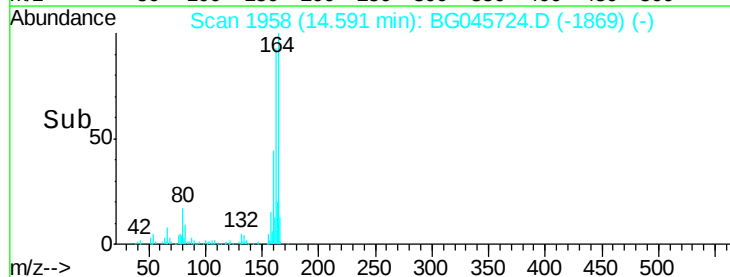
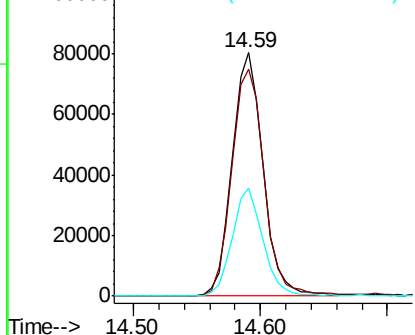


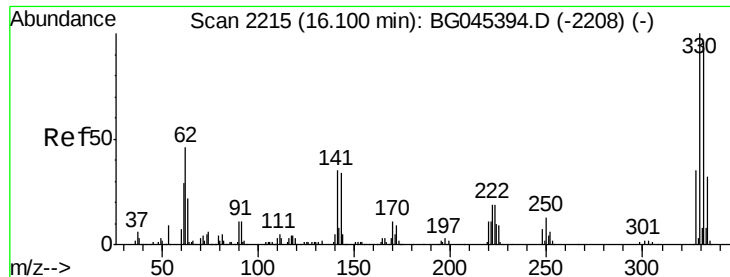
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Tgt Ion	164	Resp	135277
Ion Ratio	Lower	Upper	
164	100		
162	93.4	76.9	115.3
160	44.1	33.8	50.8



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

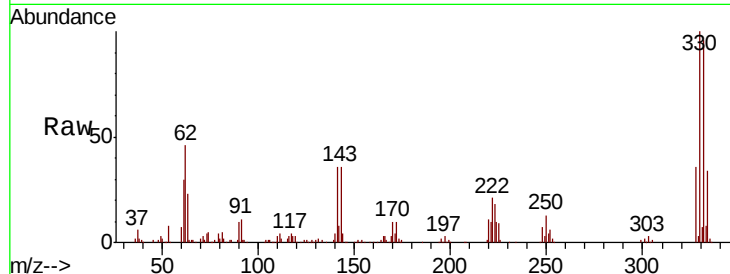




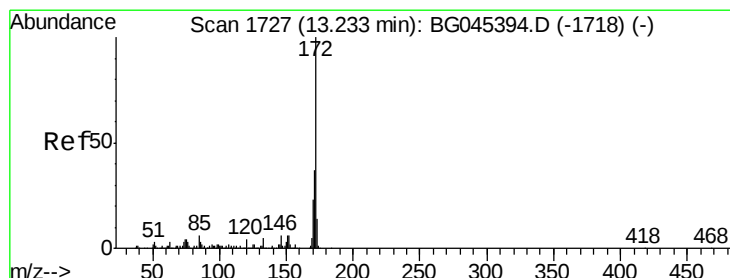
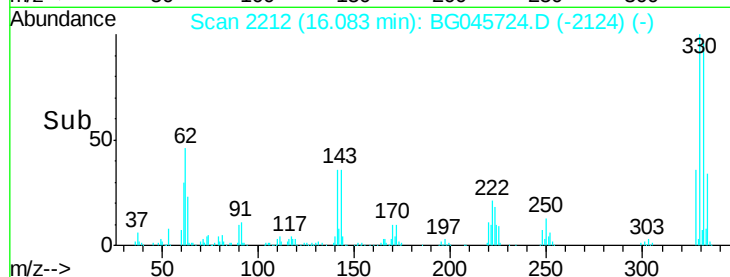
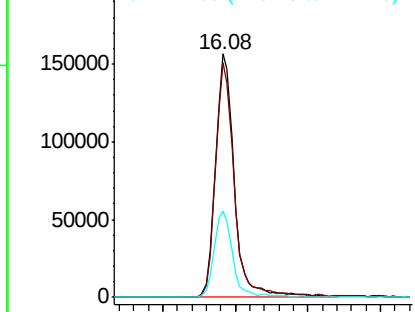
#42
 2,4,6-Tribromophenol
 Concen: 163.785 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.2	117.4
141	34.8	28.2	42.4

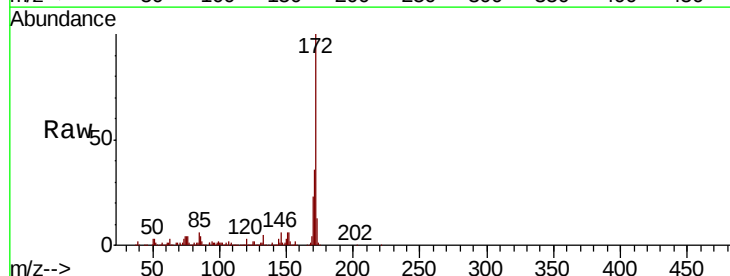


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

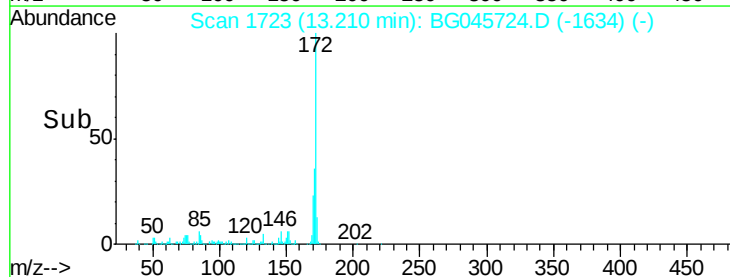
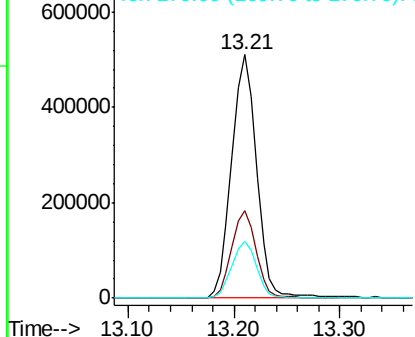


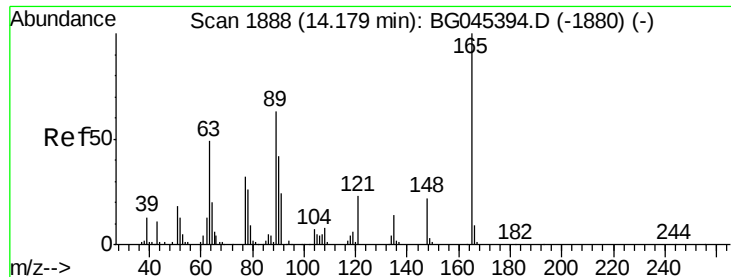
#45
 2-Fluorobiphenyl
 Concen: 104.764 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	23.3	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





#51

2,6-Dinitrotoluene

Concen: 8.620 ng

RT: 14.59 min Scan# 1958

Delta R.T. 0.42 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Instrument :

BNA_G

ClientSampleId :

PB129493BL

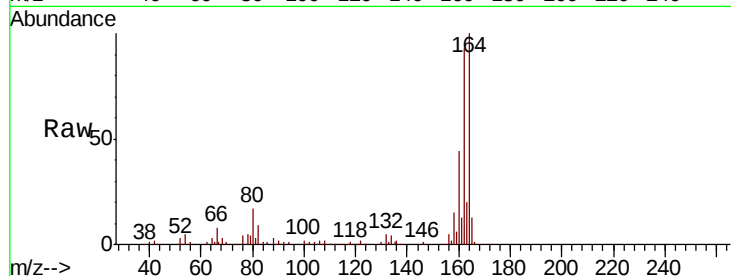
Tot Ion:165 Resp: 18051

Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.4#

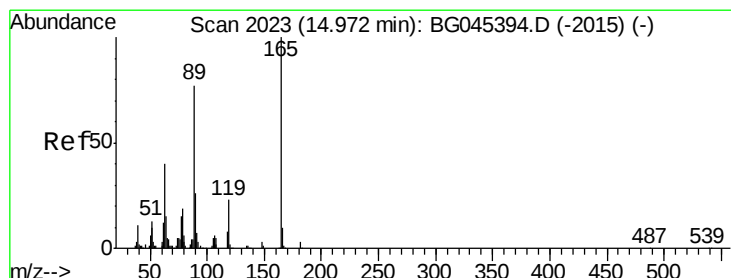
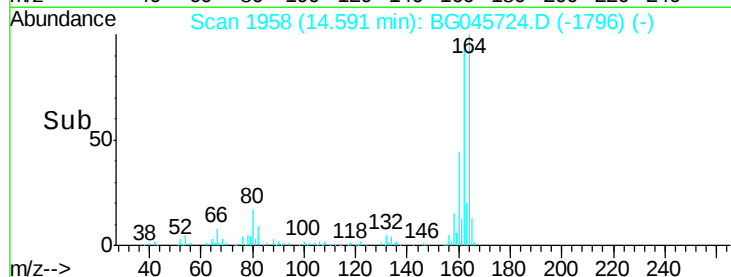
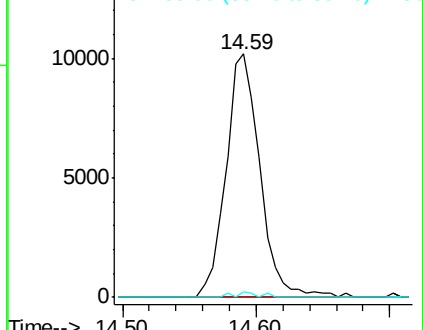
89 2.3 50.2 75.4#



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



#57

2,4-Dinitrotoluene

Concen: 5.971 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Tgt Ion:165 Resp: 18107

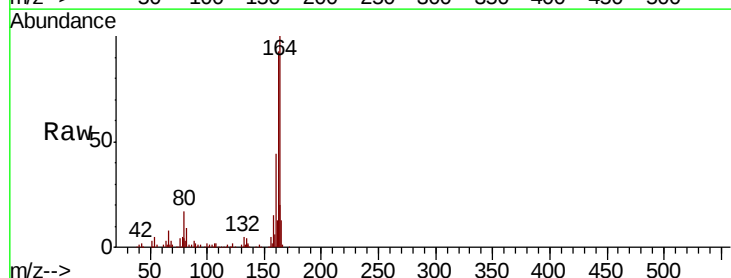
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 2.3 61.8 92.6#

182 0.0 2.3 3.5#

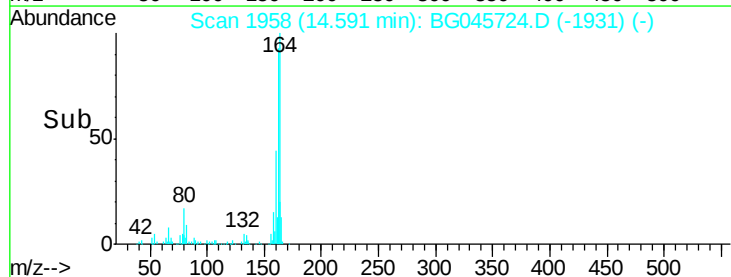
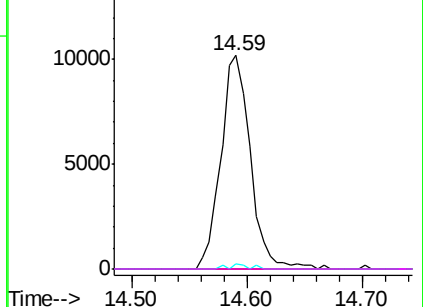


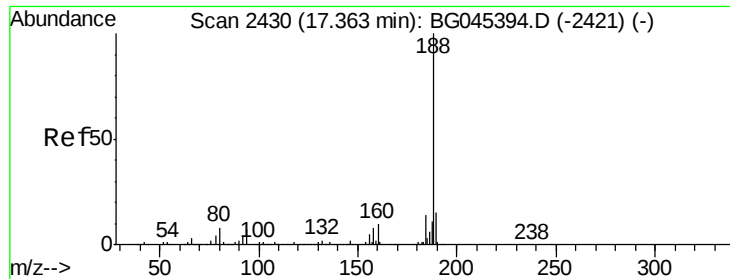
Abundance Ion 165.00 (164.70 to 165.70): E

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

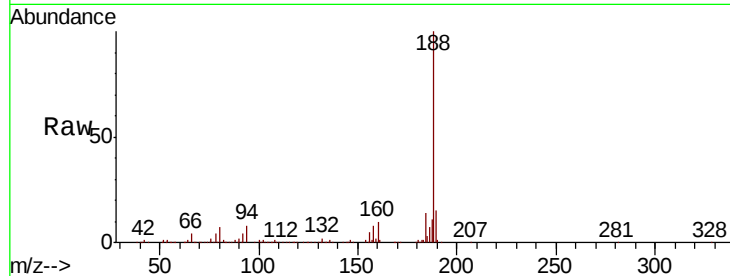




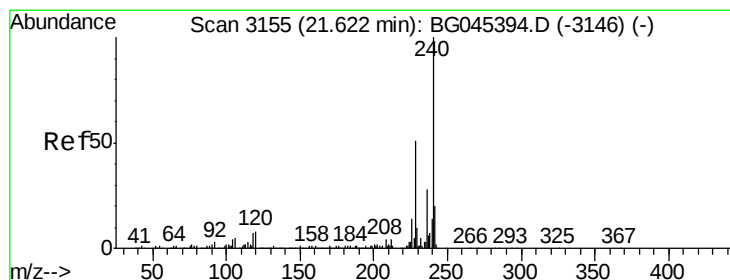
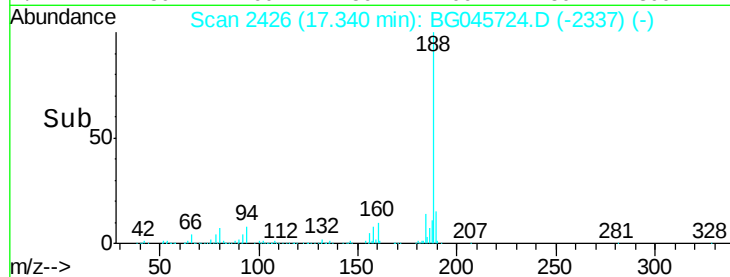
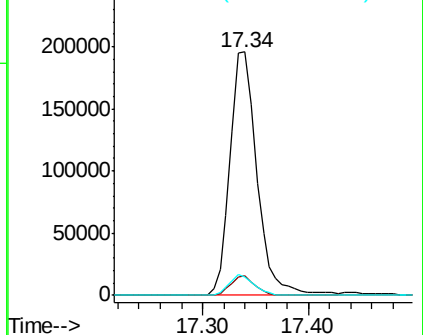
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Instrument :
BNA_G
ClientSampleId :
PB129493BL

Tot Ion:188 Resp: 346476
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 7.3 6.6 10.0

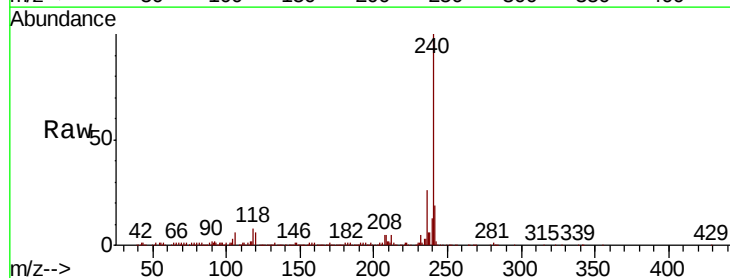


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

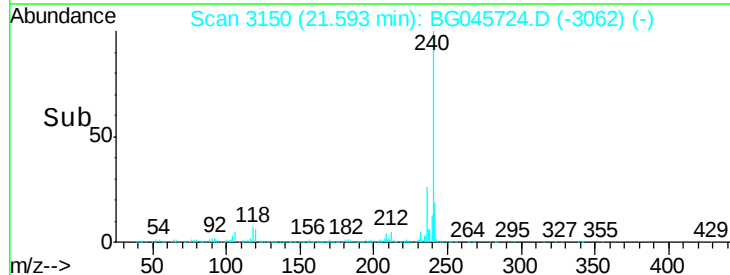
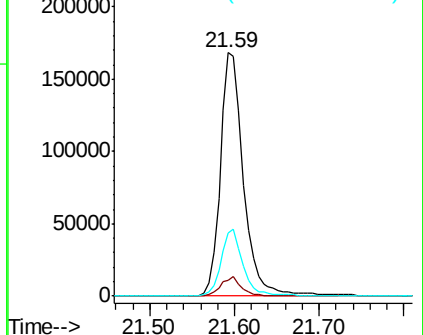


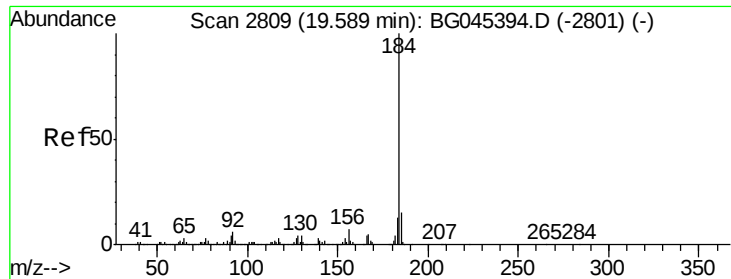
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045724.D
Acq: 11 Jun 2020 16:55

Tgt Ion:240 Resp: 320902
Ion Ratio Lower Upper
240 100
120 6.5 6.1 9.1
236 26.1 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: 3.532 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

Instrument :

BNA_G

ClientSampleId :

PB129493BL

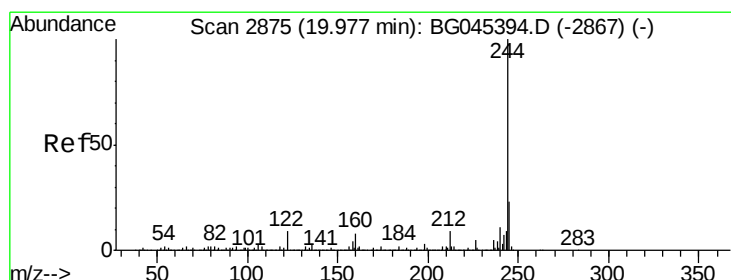
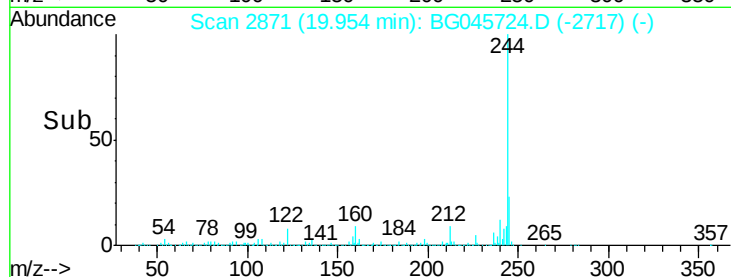
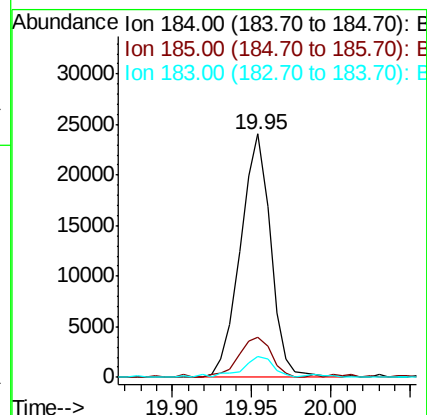
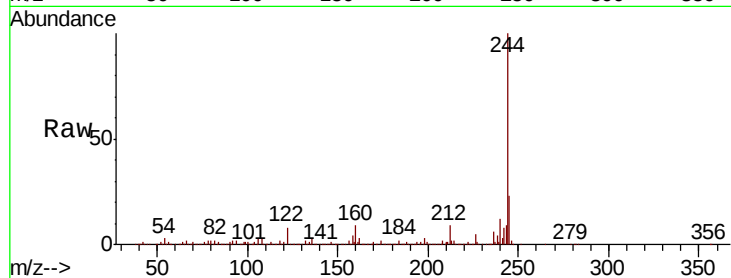
Tot Ion:184 Resp: 31830

Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

183 8.4 10.2 15.4#



#79

Terphenyl-d14

Concen: 118.830 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045724.D

Acq: 11 Jun 2020 16:55

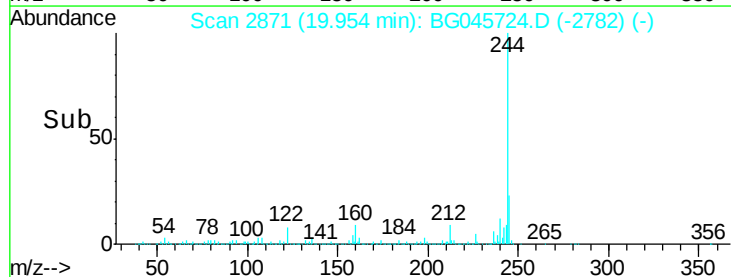
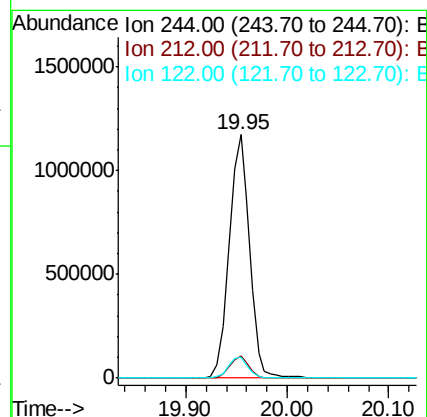
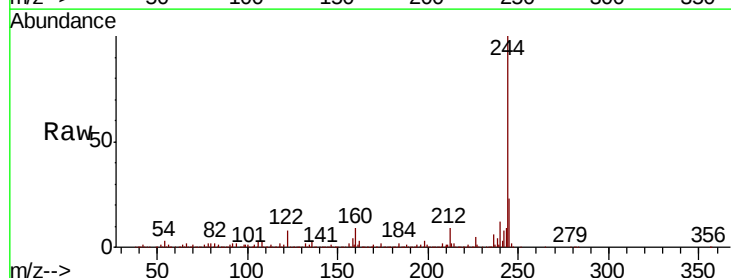
Tgt Ion:244 Resp: 1634985

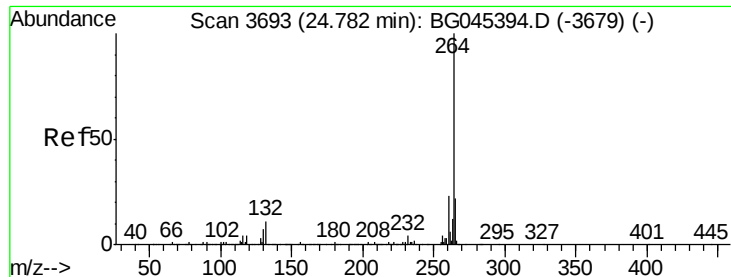
Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

122 8.5 6.8 10.2

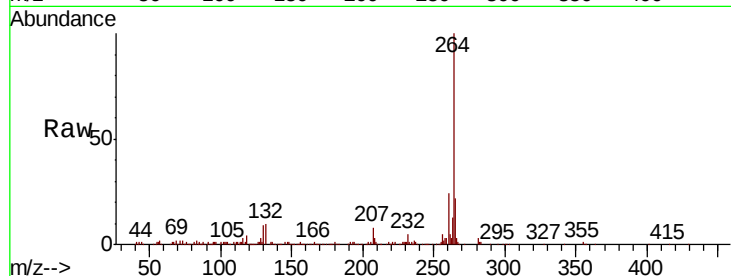




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045724.D
 Acq: 11 Jun 2020 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB129493BL

Tot Ion:	264	Resp:	331804
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.0	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

