

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045510.D
 Acq On : 29 May 2020 3:05
 Operator : CG/JU
 Sample : PB129114BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BL

Quant Time: May 29 06:32:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

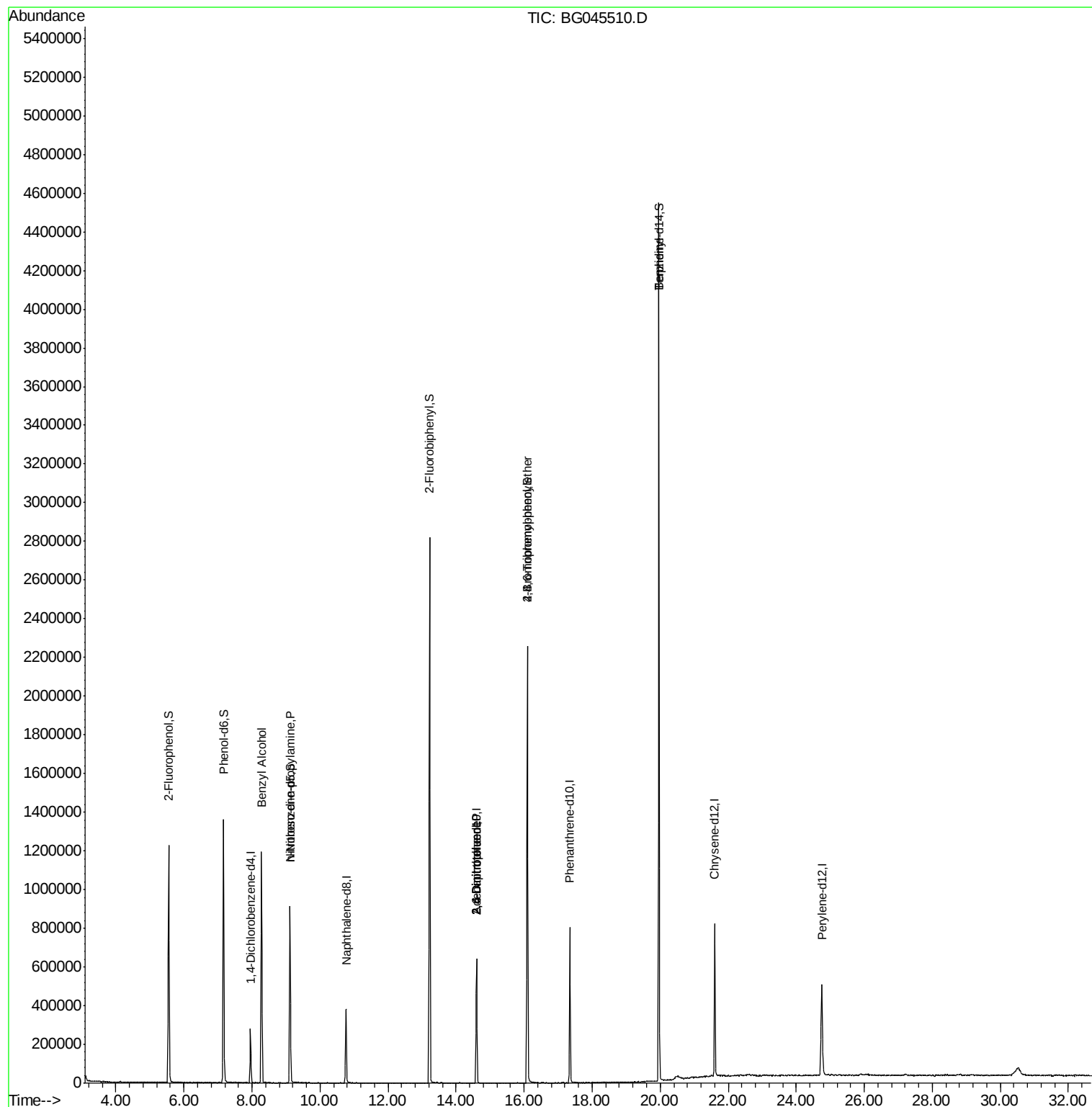
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84005	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	357401	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	253850	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	550711	20.00	ng	0.00
76) Chrysene-d12	21.60	240	516137	20.00	ng	0.00
87) Perylene-d12	24.75	264	541649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	603549	140.41	ng	0.00
7) Phenol-d6	7.17	99	902377	147.49	ng	0.00
23) Nitrobenzene-d5	9.12	82	641793	97.92	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	461741	142.23	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1499201	100.18	ng	0.00
79) Terphenyl-d14	19.97	244	2236807	101.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	10511	2.080	ng	# 60
19) n-Nitroso-di-n-propylamine	9.12	70	90136	21.305	ng	# 79
51) 2,6-Dinitrotoluene	14.60	165	33032	8.406	ng	# 23
54) 2,4-Dinitrophenol	14.59	184	71	5.485	ng	# 1
57) 2,4-Dinitrotoluene	14.60	165	33032	5.804	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	31639	5.306	ng	# 1
77) Benzidine	19.97	184	41870	2.888	ng	# 91

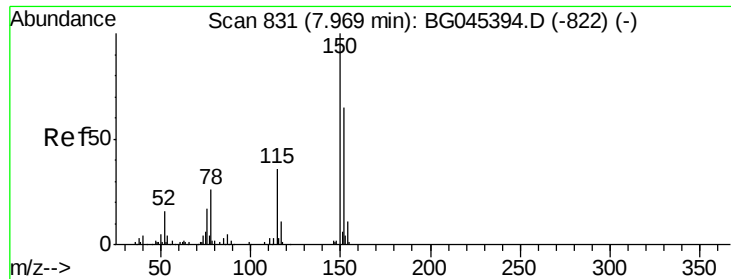
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration



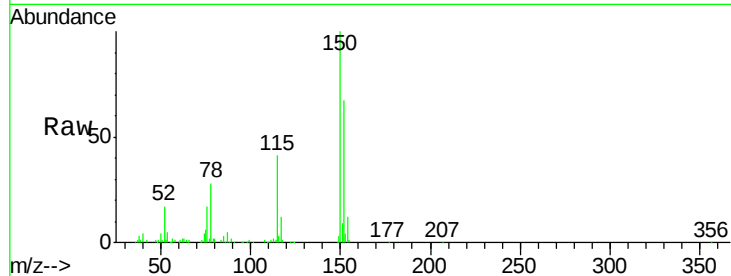


#1

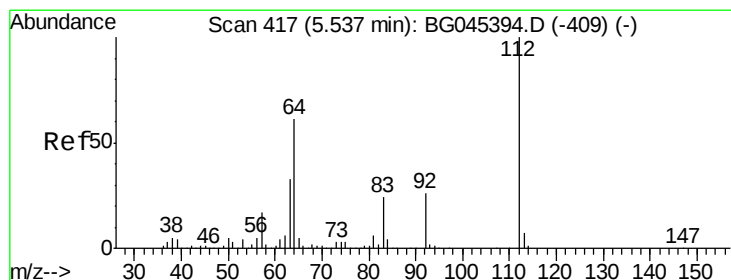
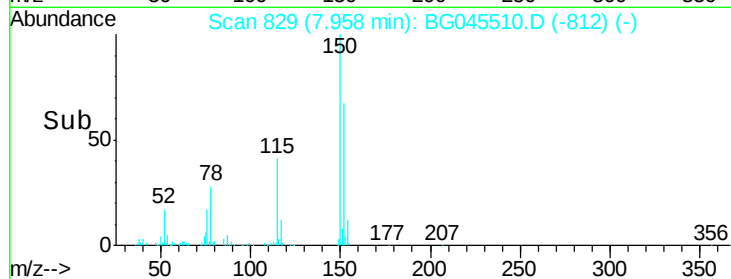
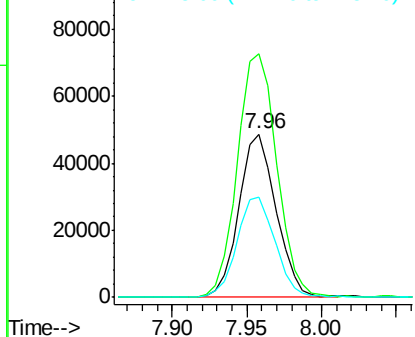
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045510.D
Acq: 29 May 2020 3:05

Instrument :
BNA_G
ClientSampleId :
PB129114BL

Tot Ion:152 Resp: 84005
Ion Ratio Lower Upper
152 100
150 149.0 122.4 183.6
115 61.1 44.2 66.4



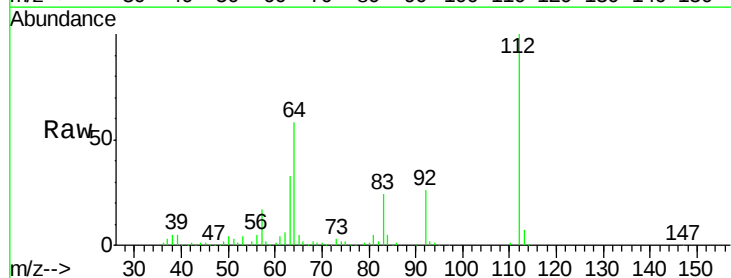
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



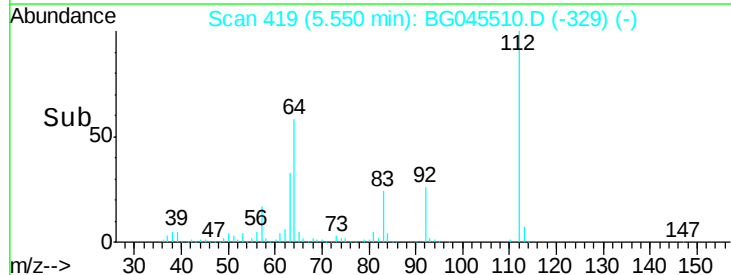
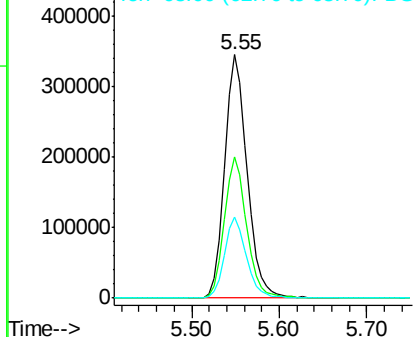
#5

2-Fluorophenol
Concen: 140.410 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045510.D
Acq: 29 May 2020 3:05

Tgt Ion:112 Resp: 603549
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 33.2 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: 147.495 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

Instrument :

BNA_G

ClientSampleId :

PB129114BL

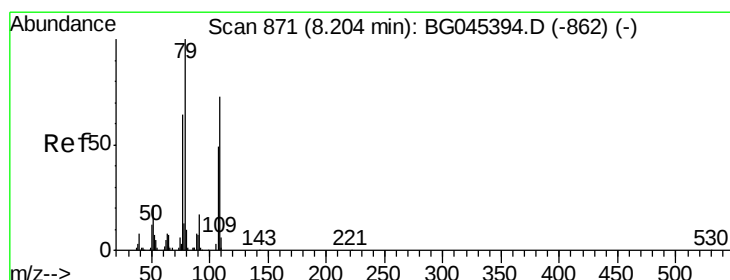
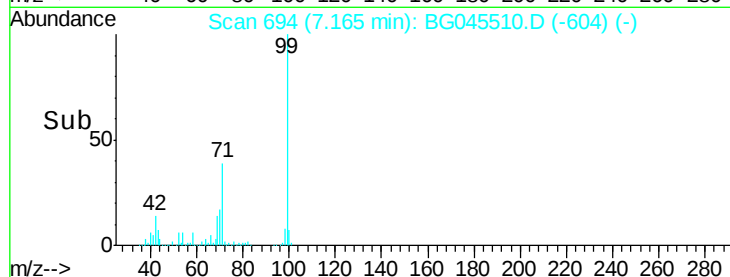
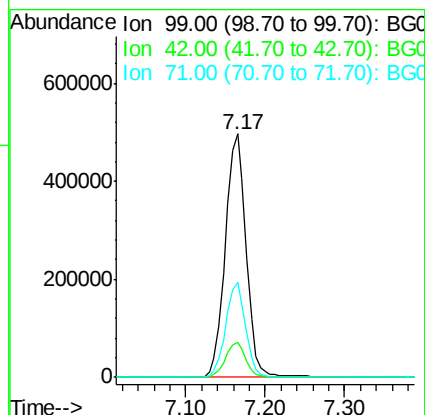
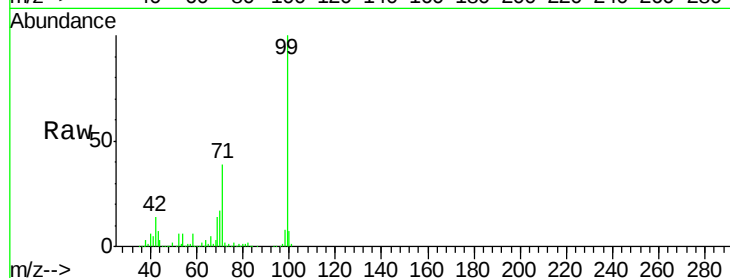
Tot Ion: 99 Resp: 902377

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

71 38.9 30.8 46.2



#15

Benzyl Alcohol

Concen: 2.080 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

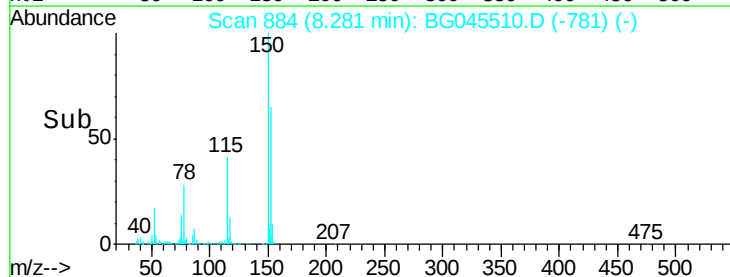
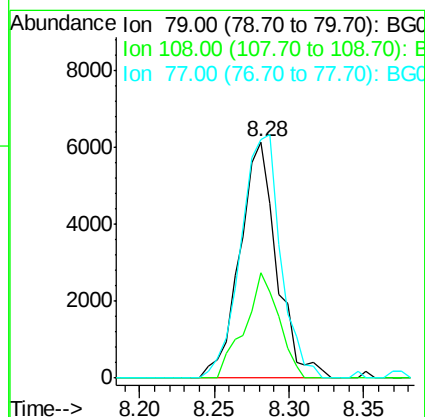
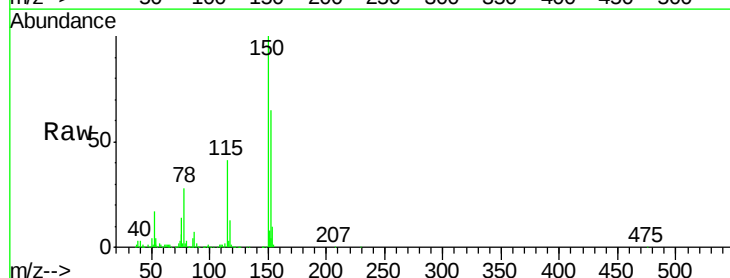
Tgt Ion: 79 Resp: 10511

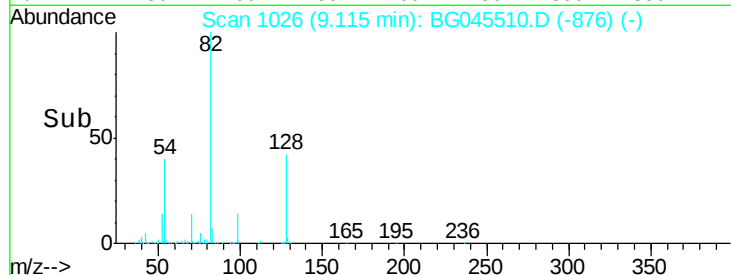
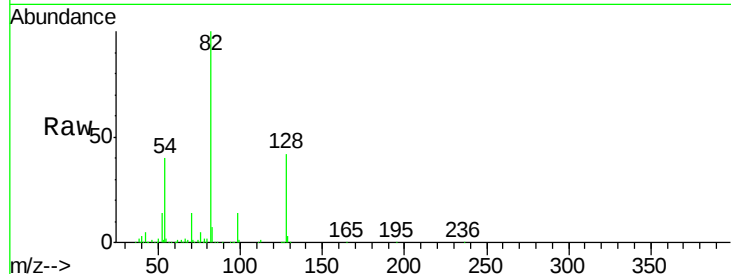
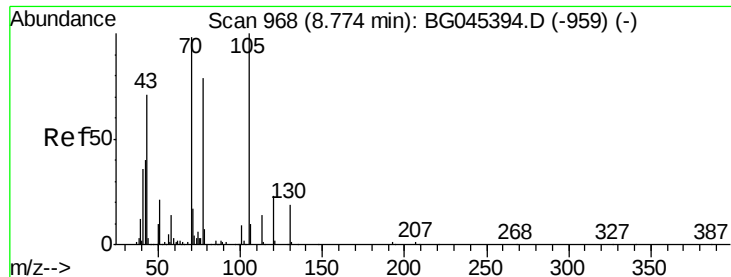
Ion Ratio Lower Upper

79 100

108 44.8 58.2 87.4#

77 101.0 51.0 76.4#

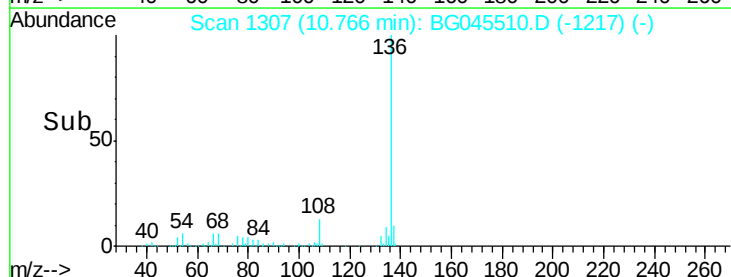
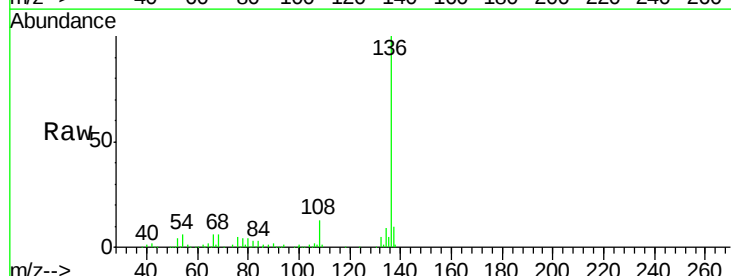
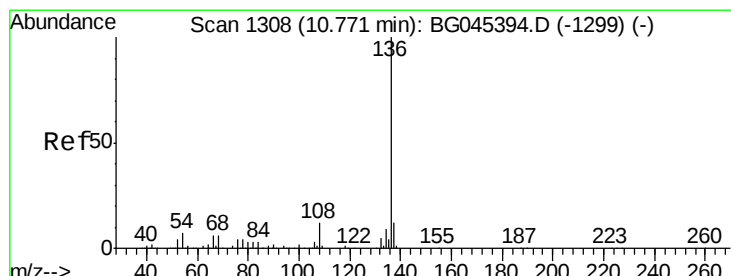
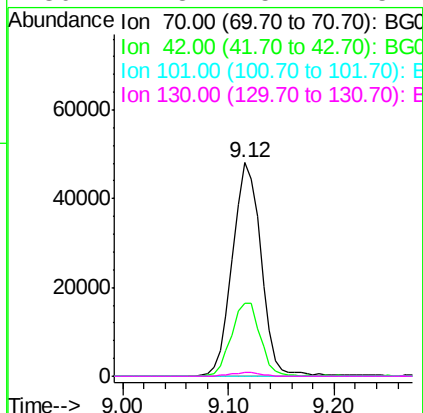




#19
n-Nitroso-di-n-propylamine
Concen: 21.305 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045510.D
Acq: 29 May 2020 3:05

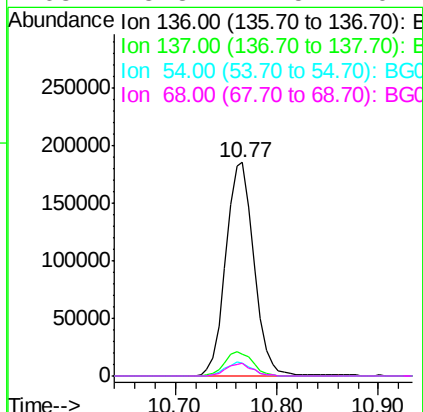
Instrument :
BNA_G
ClientSampleId :
PB129114BL

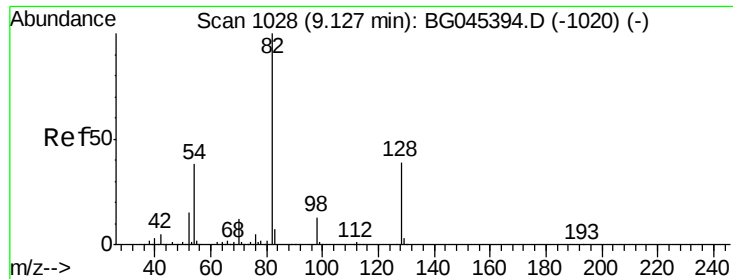
Tot Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.2	49.8
101	0.0	7.8	11.6#
130	1.8	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045510.D
Acq: 29 May 2020 3:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	5.7	5.8	8.6#
68	5.8	4.5	6.7

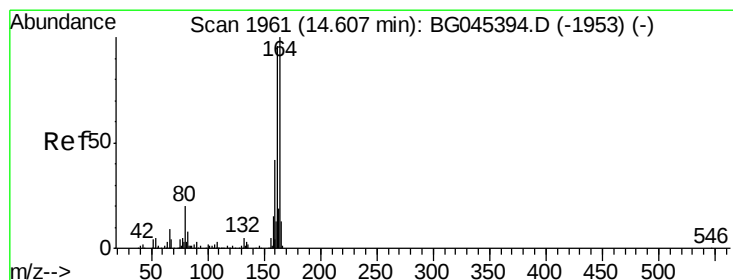
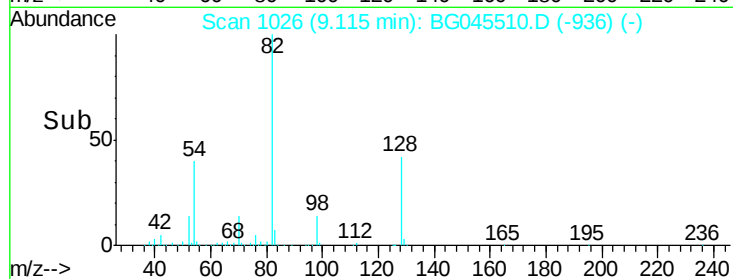
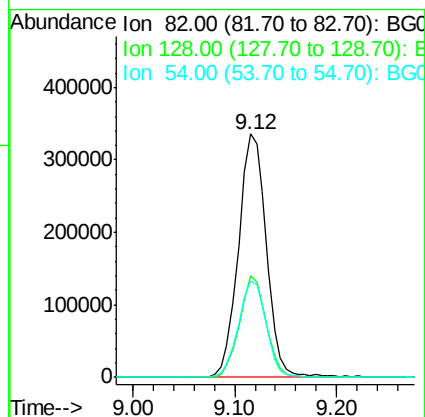
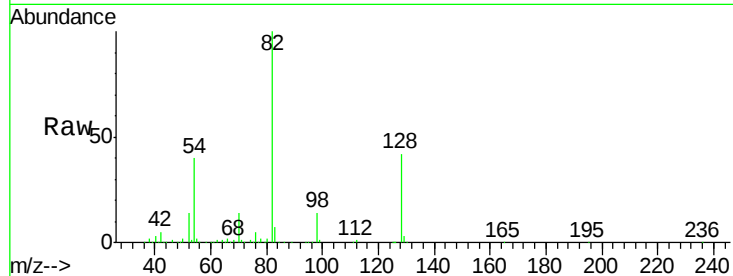




#23
 Nitrobenzene-d5
 Concen: 97.924 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

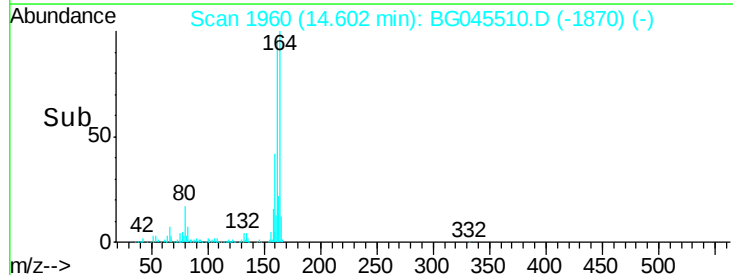
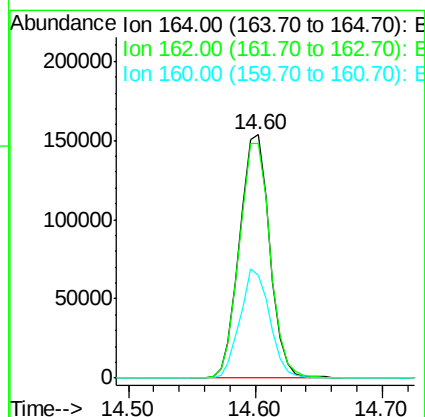
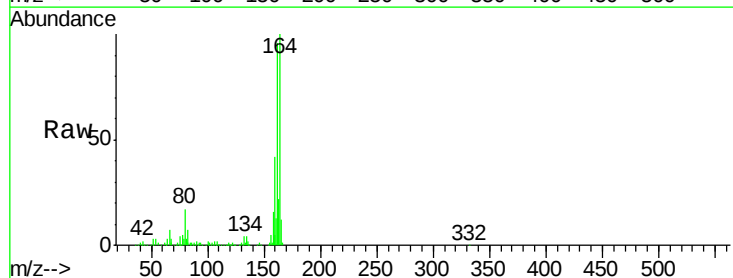
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BL

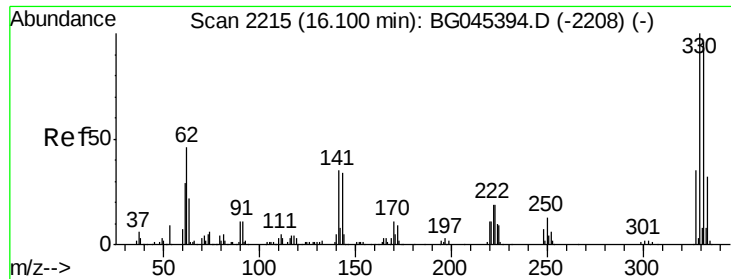
Tot Ion	82	Resp	641793
Ion Ratio	Lower	Upper	
82	100		
128	41.7	30.9	46.3
54	39.7	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

Tgt Ion	164	Resp	253850
Ion Ratio	Lower	Upper	
164	100		
162	96.2	76.9	115.3
160	42.5	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 142.229 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

Instrument :

BNA_G

ClientSampleId :

PB129114BL

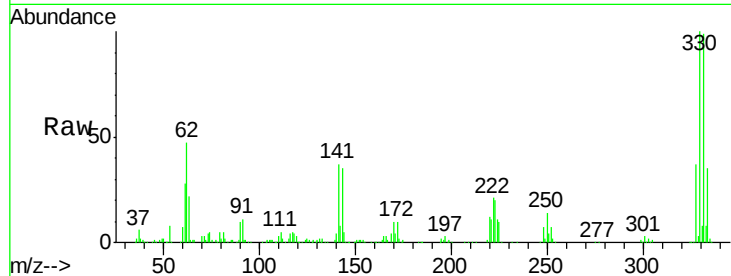
Tot Ion:330 Resp: 461741

Ion Ratio Lower Upper

330 100

332 99.0 78.2 117.4

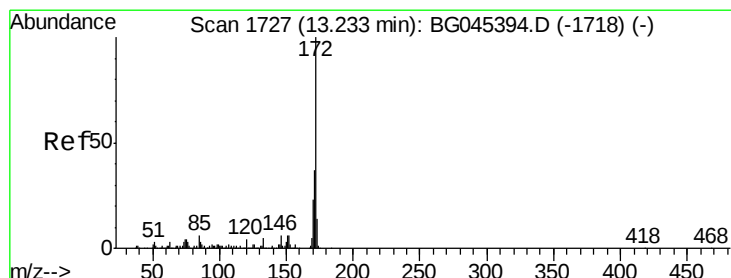
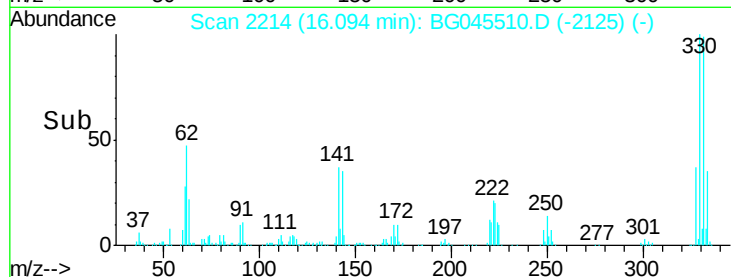
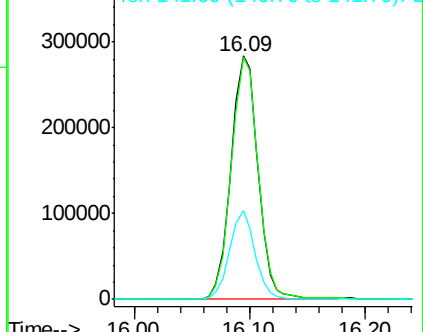
141 34.5 28.2 42.4



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: 100.176 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

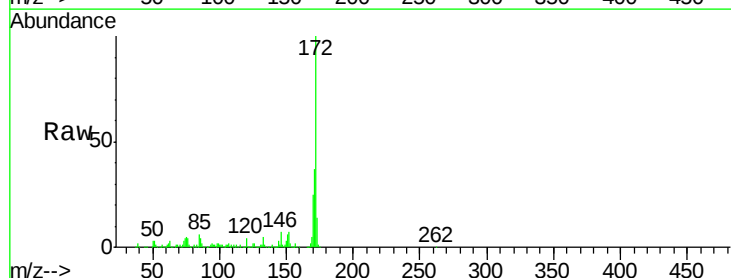
Tgt Ion:172 Resp: 1499201

Ion Ratio Lower Upper

172 100

171 37.4 29.5 44.3

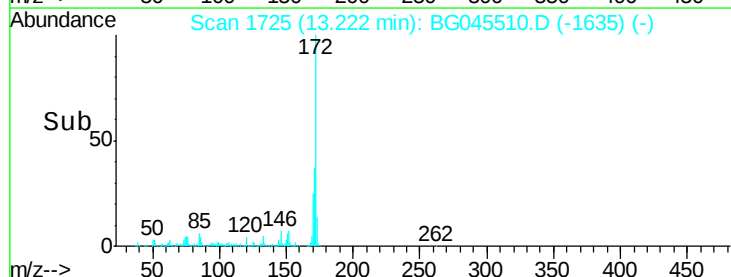
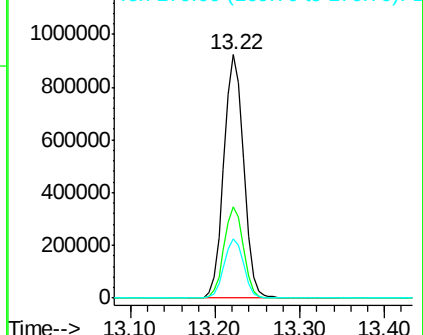
170 24.6 18.5 27.7

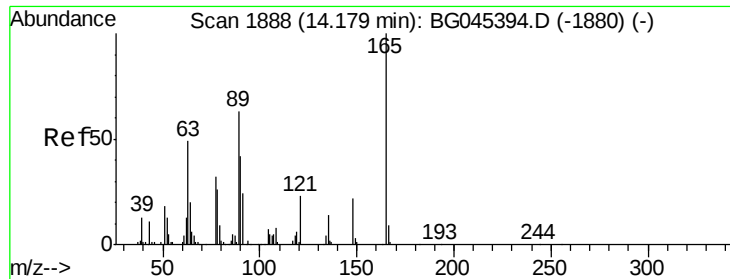


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.406 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.43 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

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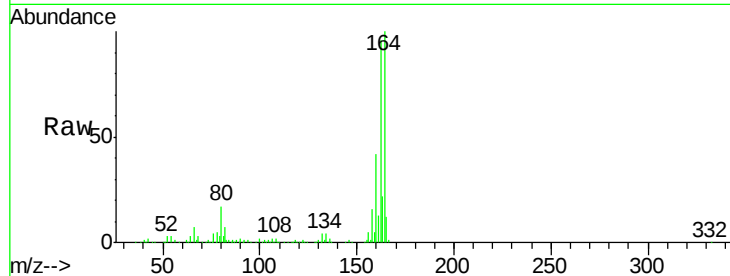
Tot Ion:165 Resp: 33032

Ion Ratio Lower Upper

165 100

63 0.9 45.0 67.4#

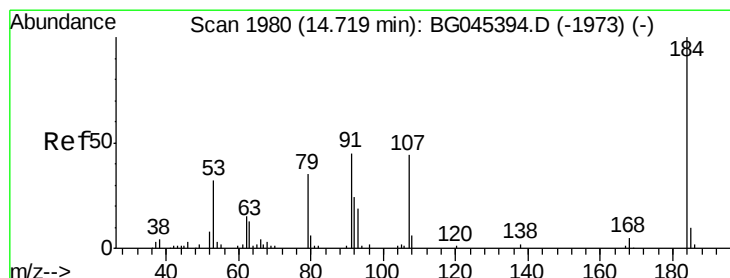
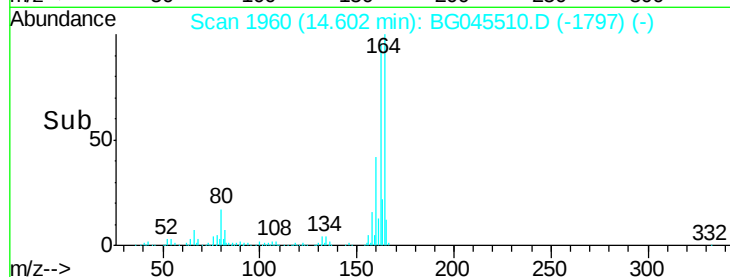
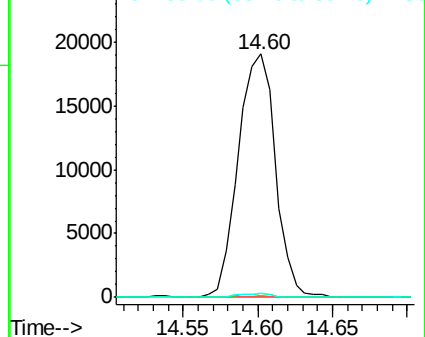
89 1.8 50.2 75.4#



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



#54

2,4-Dinitrophenol

Concen: 5.485 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.13 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

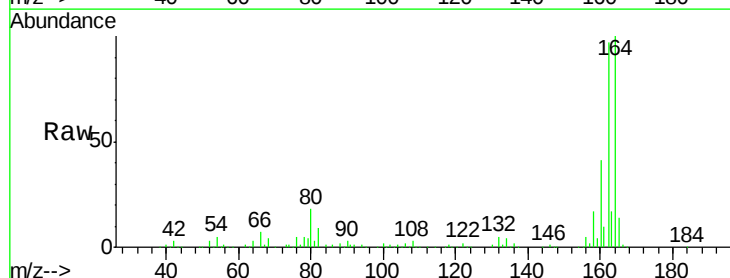
Tgt Ion:184 Resp: 71

Ion Ratio Lower Upper

184 100

63 104.5 47.8 71.6#

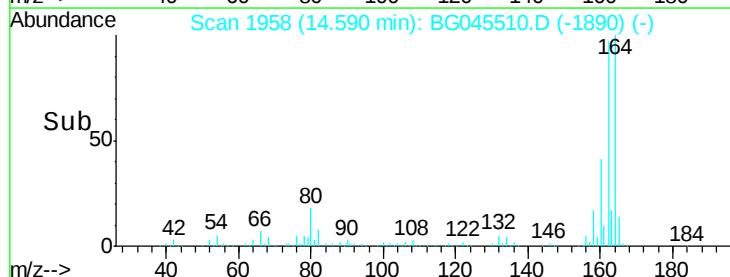
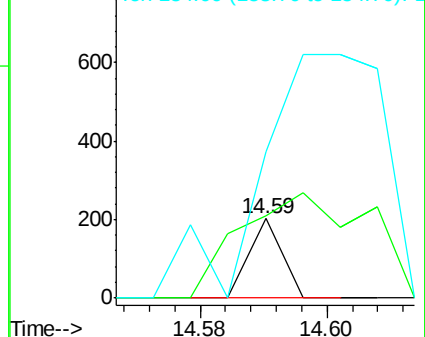
154 184.7 58.3 87.5#

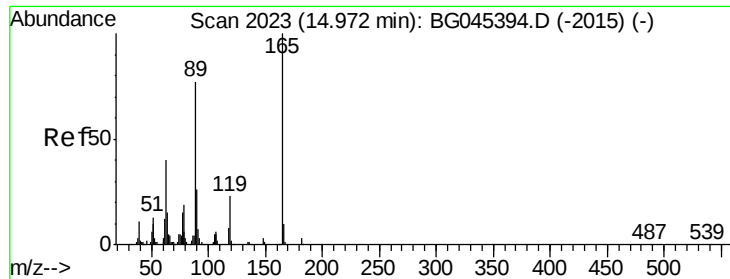


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

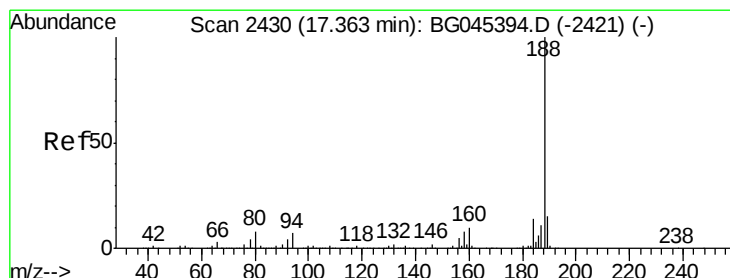
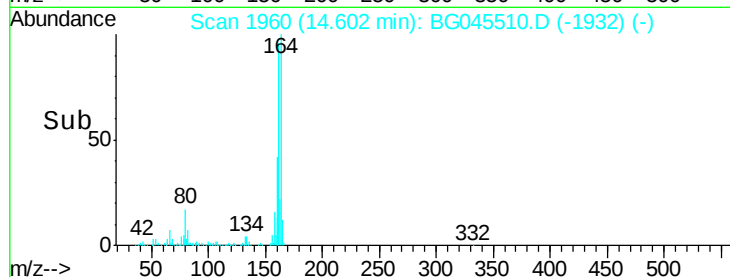
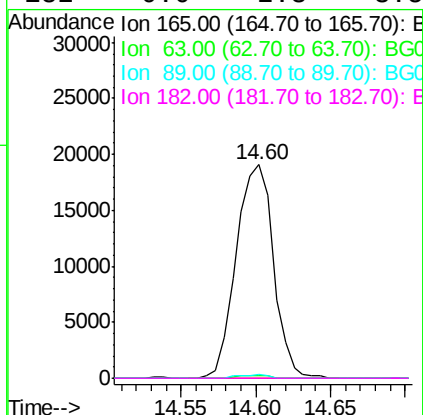
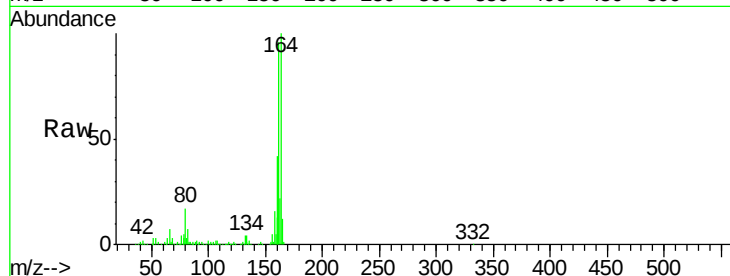




#57
 2,4-Dinitrotoluene
 Concen: 5.804 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.36 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

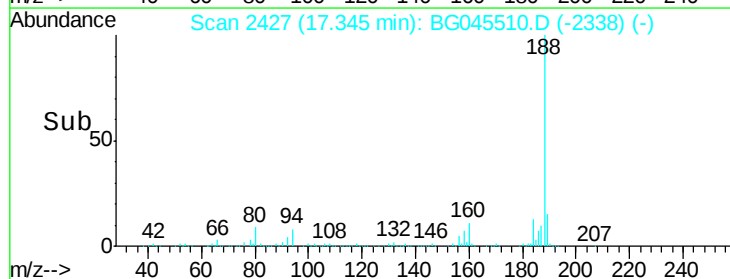
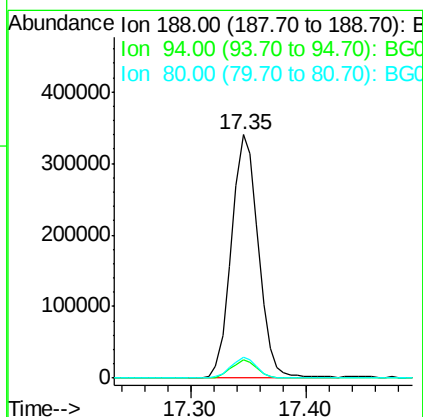
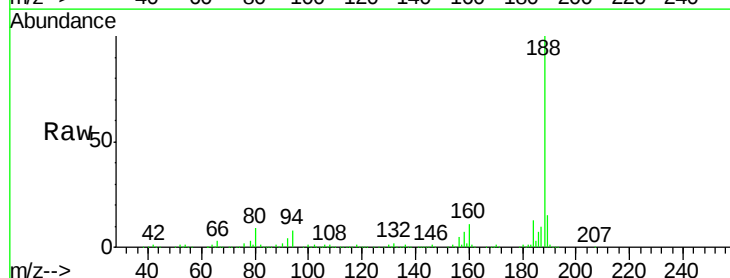
Instrument :
 BNA_G
 ClientSampleId :
 PB129114BL

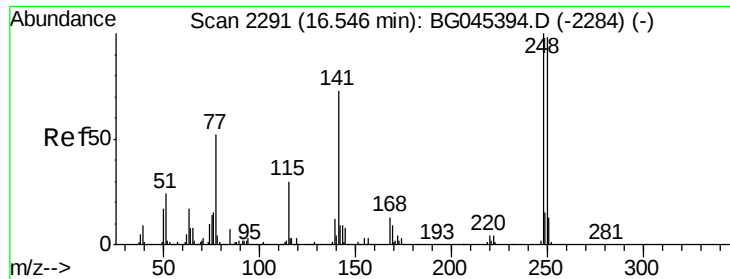
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.5	48.7#
89	1.8	61.8	92.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	8.8	6.6	10.0

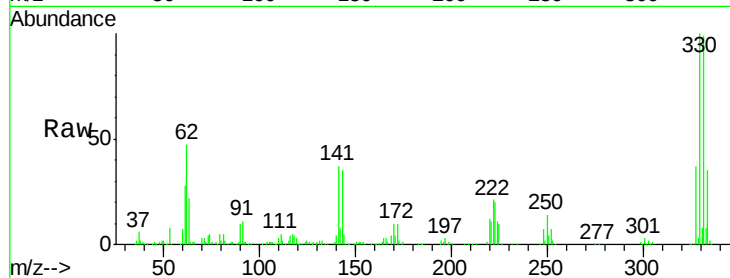




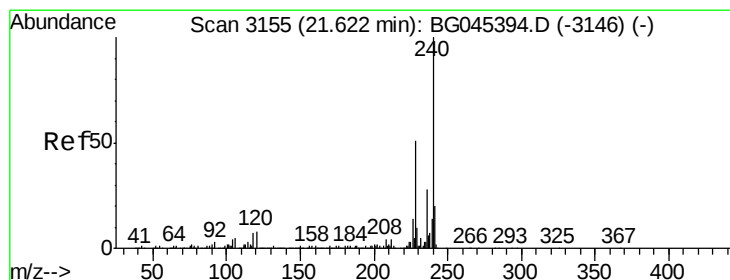
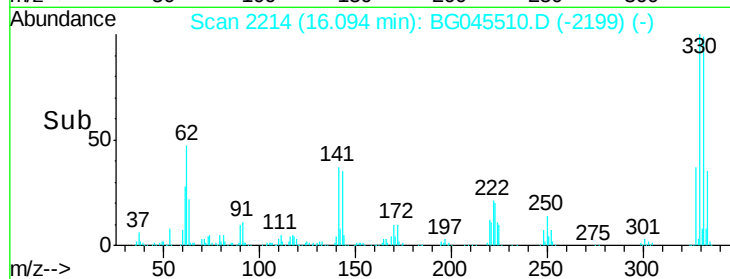
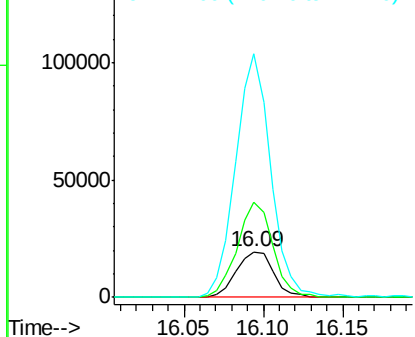
#67
 4-Bromophenyl-phenylether
 Concen: 5.306 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

Instrument :
 BNA_G
 ClientSampled :
 PB129114BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	207.6	78.6	117.8#
141	533.1	58.2	87.2#

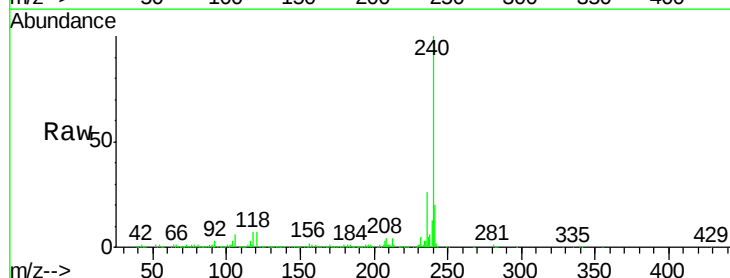


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

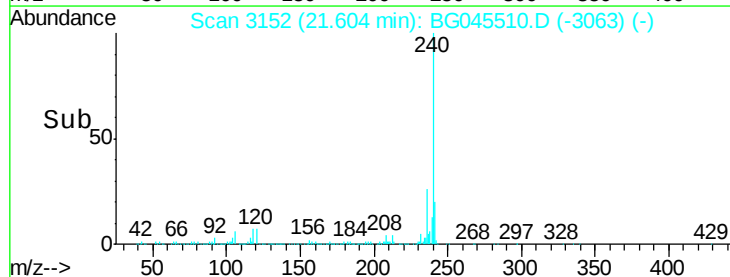
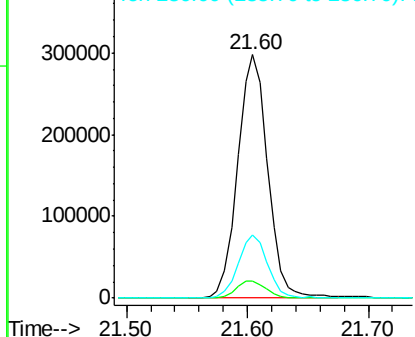


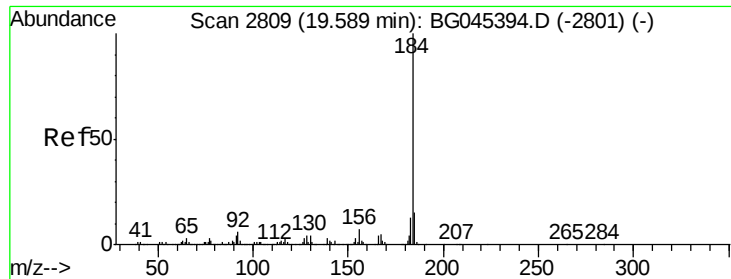
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	25.9	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: 2.888 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

Instrument :

BNA_G

ClientSampleId :

PB129114BL

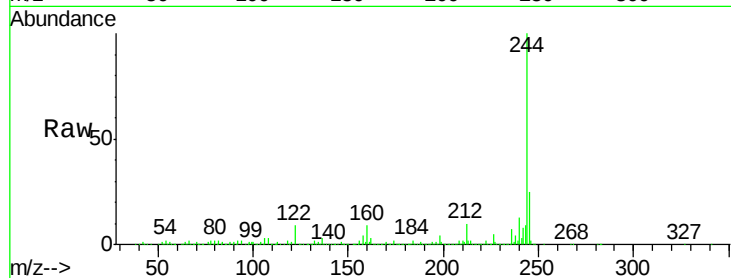
Tot Ion:184 Resp: 41870

Ion Ratio Lower Upper

184 100

185 17.0 11.7 17.5

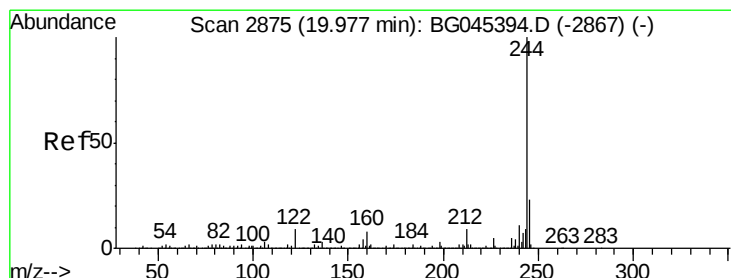
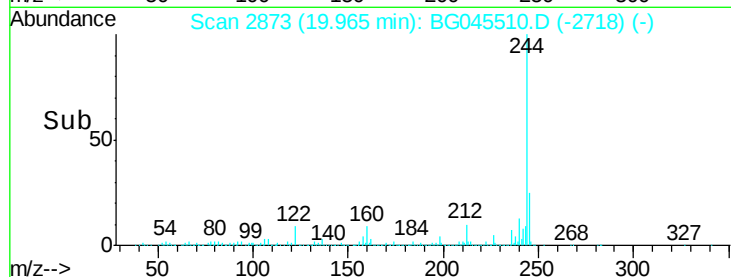
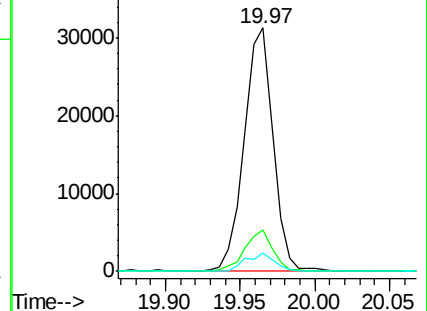
183 7.8 10.2 15.4#



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: 101.076 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045510.D

Acq: 29 May 2020 3:05

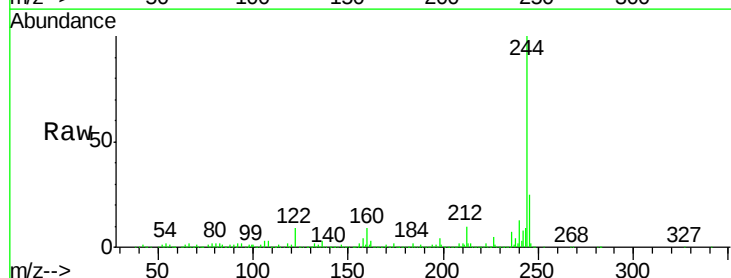
Tgt Ion:244 Resp: 2236807

Ion Ratio Lower Upper

244 100

212 10.2 7.4 11.0

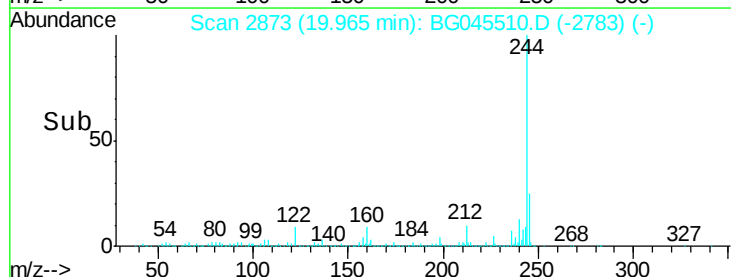
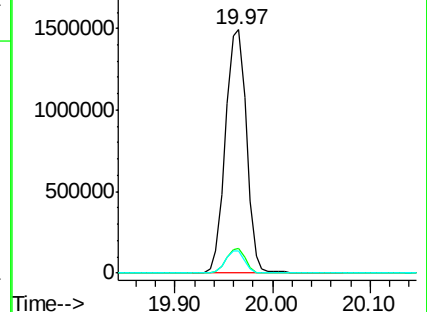
122 9.1 6.8 10.2

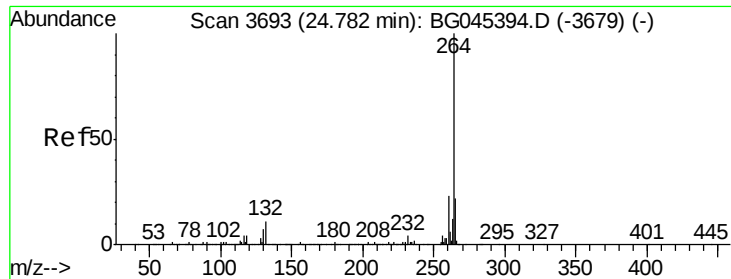


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

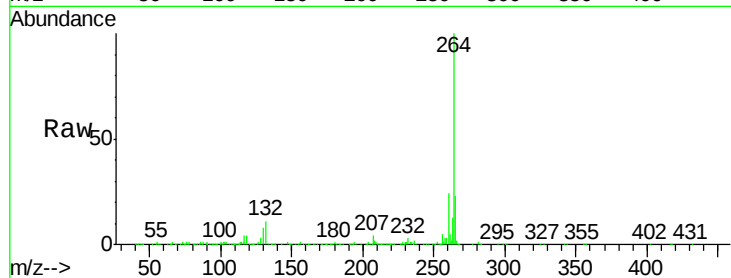




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3688
 Delta R.T. -0.01 min
 Lab File: BG045510.D
 Acq: 29 May 2020 3:05

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BL

Tot Ion:	264	Resp:	541649
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.8	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

