

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045683.D
 Acq On : 10 Jun 2020 6:37
 Operator : CG/JU
 Sample : L2812-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-060520

Quant Time: Jun 10 07:42:05 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

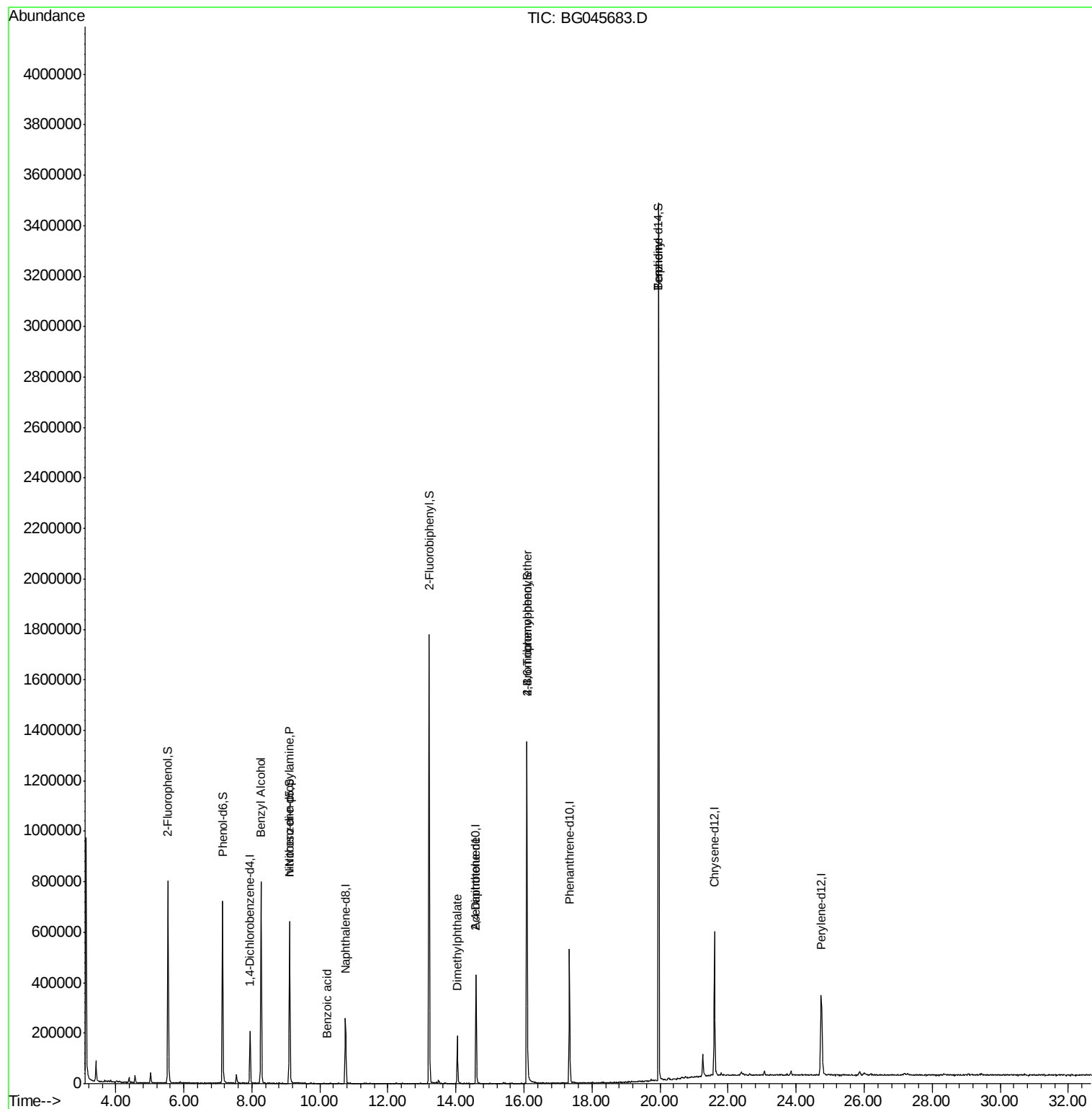
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60767	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	237232	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	165197	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	370387	20.00	ng	0.00
76) Chrysene-d12	21.60	240	380999	20.00	ng	0.00
87) Perylene-d12	24.74	264	401967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	384411	123.63	ng	0.00
7) Phenol-d6	7.14	99	469700	106.13	ng	0.00
23) Nitrobenzene-d5	9.11	82	440647	101.29	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	296230	140.22	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	960320	98.60	ng	0.00
79) Terphenyl-d14	19.96	244	1663161	101.81	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	7654	2.094	ng	# 56
19) n-Nitroso-di-n-propylamine	9.11	70	63385	20.712	ng	# 84
32) Benzoic acid	10.21	122	68	10.049	ng	# 1
50) Dimethylphthalate	14.04	163	132185	11.664	ng	# 98
57) 2,4-Dinitrotoluene	14.59	165	21374	5.771	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	19474	4.856	ng	# 1
77) Benzidine	19.96	184	31316	2.927	ng	# 82

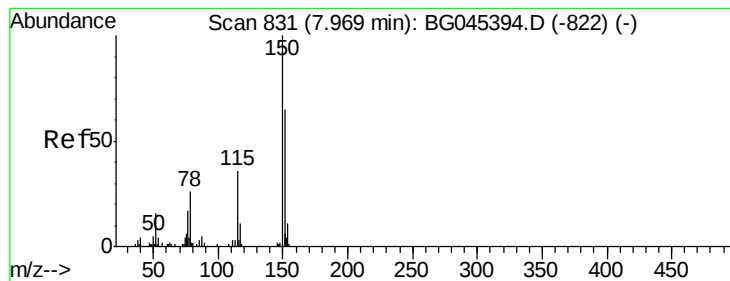
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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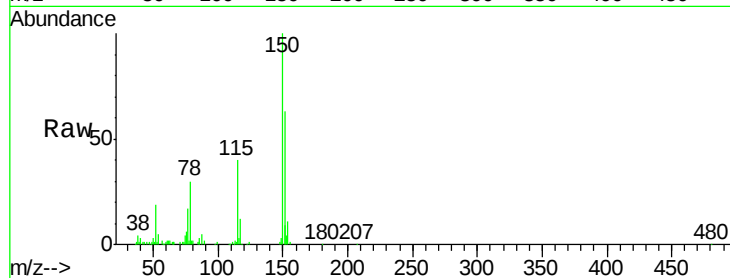


#1

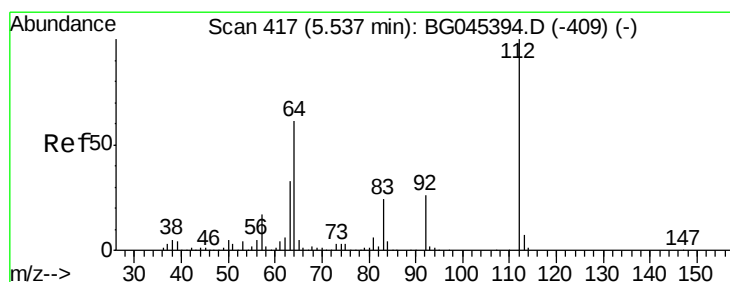
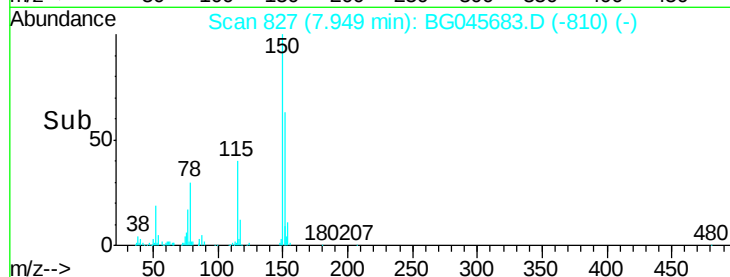
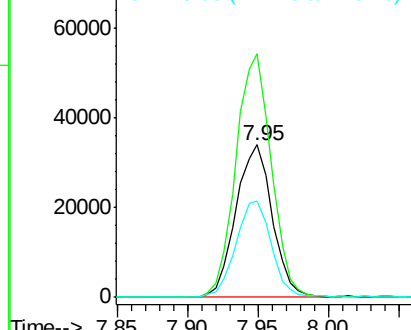
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Instrument :
BNA_G
ClientSampleId :
OK-01-060520

Tot Ion:152 Resp: 60767
Ion Ratio Lower Upper
152 100
150 159.6 122.4 183.6
115 63.1 44.2 66.4



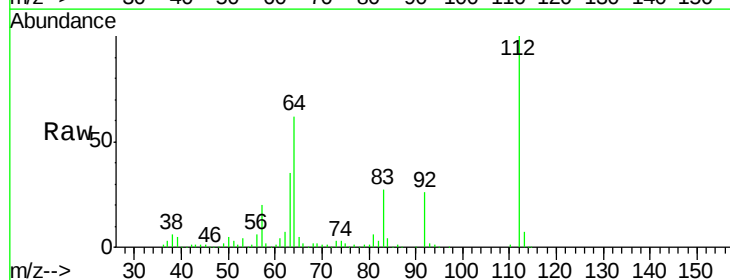
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



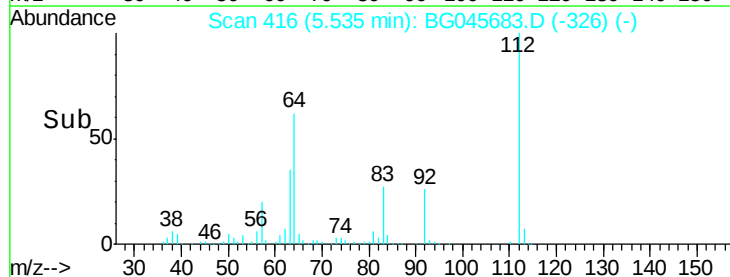
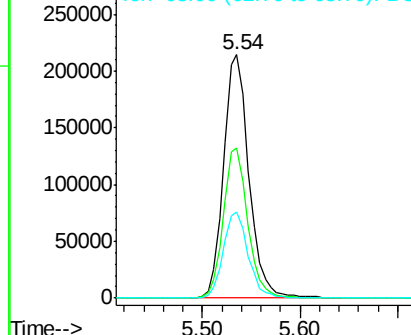
#5

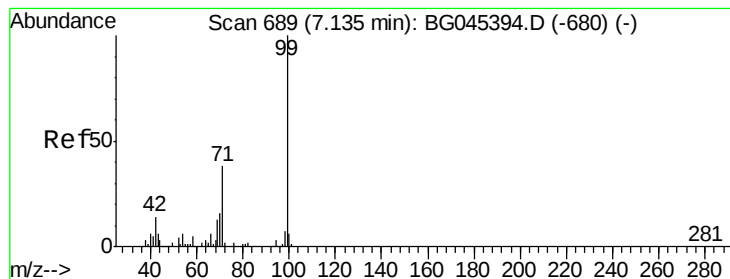
2-Fluorophenol
Concen: 123.628 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Tgt Ion:112 Resp: 384411
Ion Ratio Lower Upper
112 100
64 61.6 48.6 72.8
63 35.2 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: 106.132 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

BNA_G

ClientSampleId :

OK-01-060520

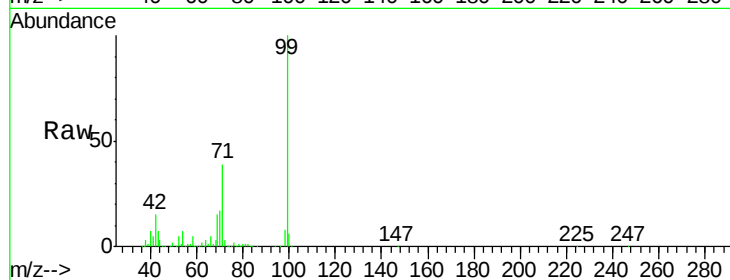
Tot Ion: 99 Resp: 469700

Ion Ratio Lower Upper

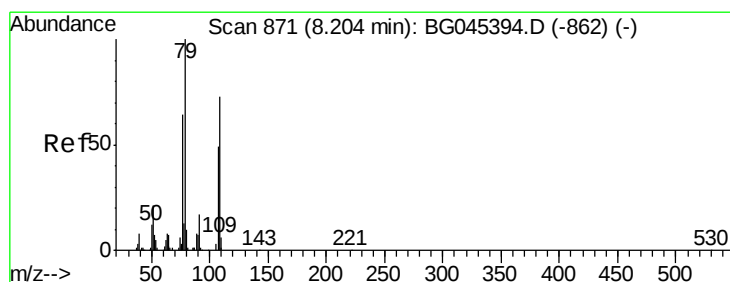
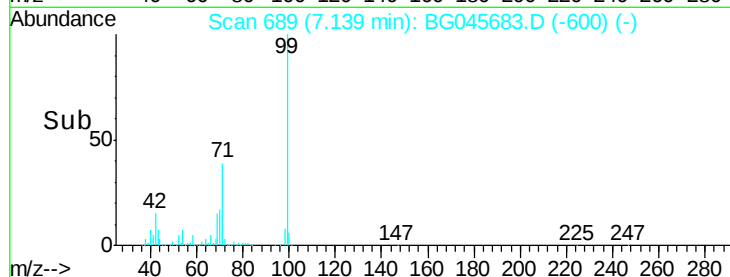
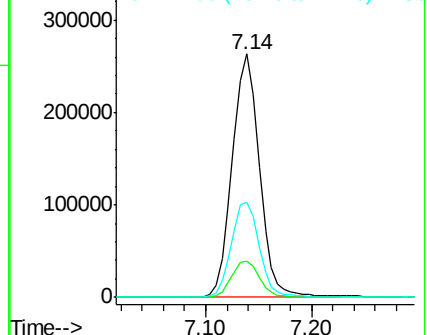
99 100

42 15.0 11.3 16.9

71 38.9 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: 2.094 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

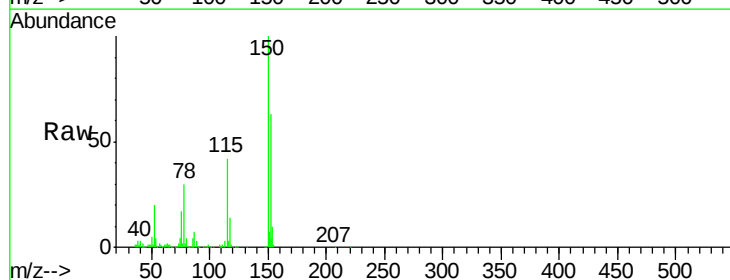
Tgt Ion: 79 Resp: 7654

Ion Ratio Lower Upper

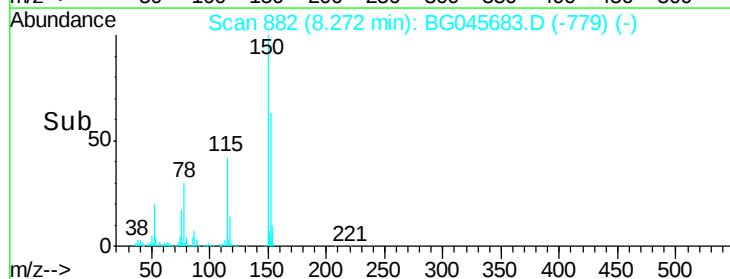
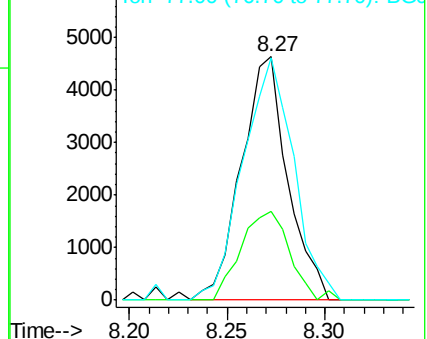
79 100

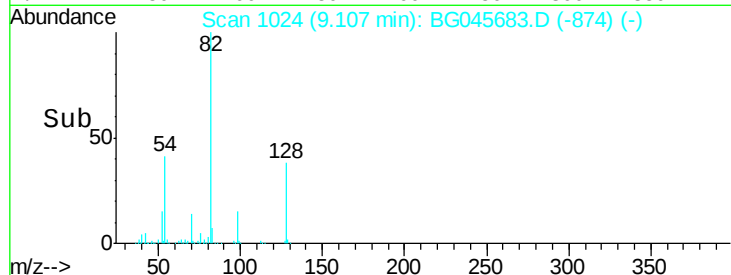
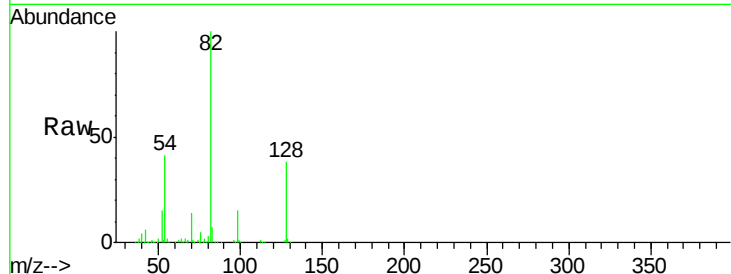
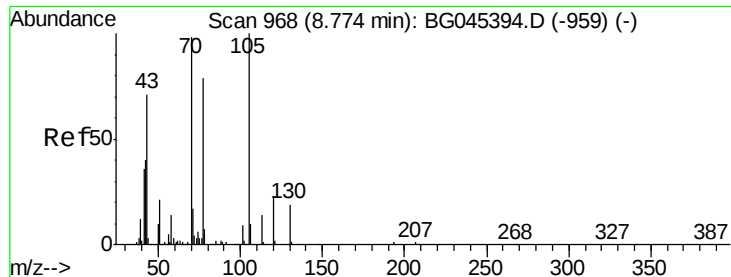
108 36.5 58.2 87.4#

77 99.3 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

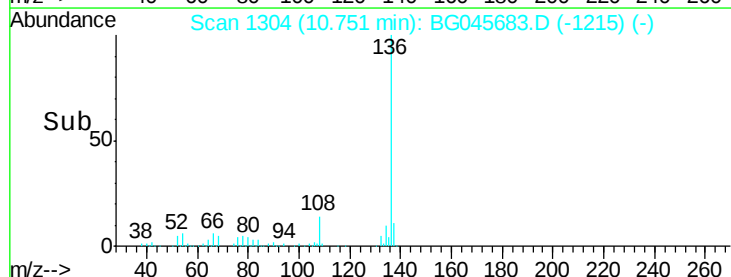
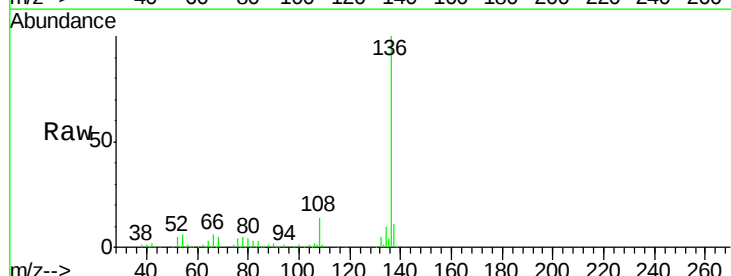
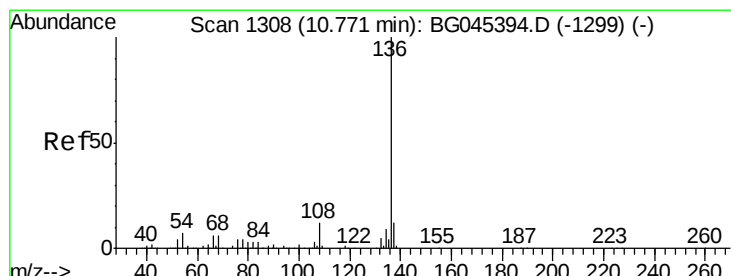
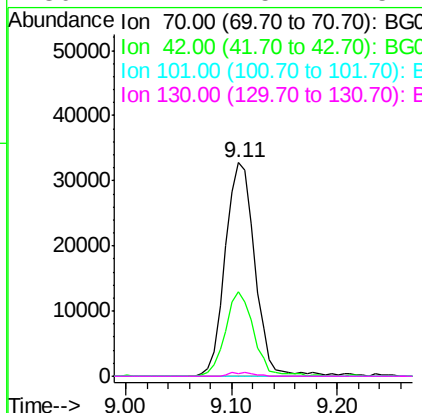




#19
n-Nitroso-di-n-propylamine
Concen: 20.712 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.35 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

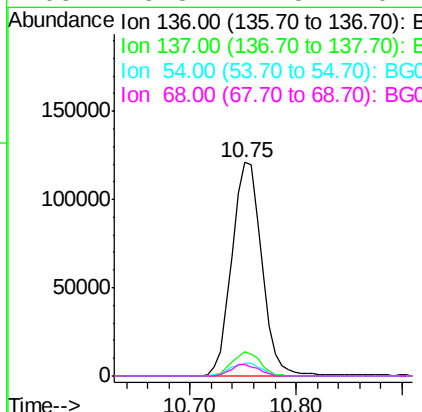
Instrument :
BNA_G
ClientSampleId :
OK-01-060520

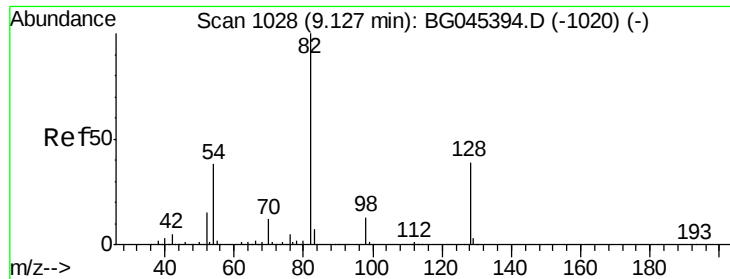
Tot Ion:	70	Resp:	63385
Ion	Ratio	Lower	Upper
70	100		
42	39.8	33.2	49.8
101	0.0	7.8	11.6#
130	1.2	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Tgt Ion:	136	Resp:	237232
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	6.2	5.8	8.6
68	5.3	4.5	6.7

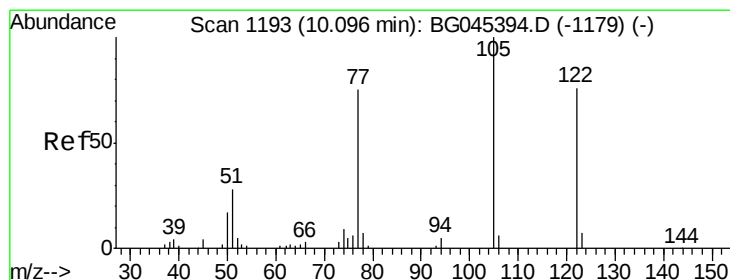
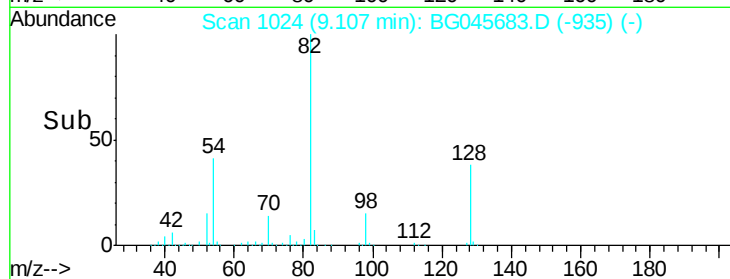
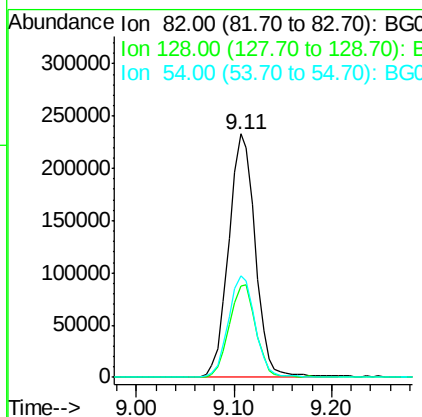
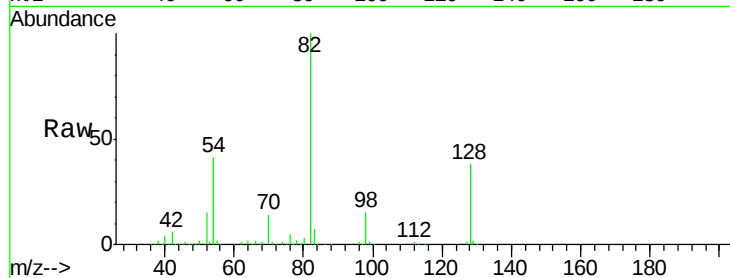




#23
 Nitrobenzene-d5
 Concen: 101.290 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045683.D
 Acq: 10 Jun 2020 6:37

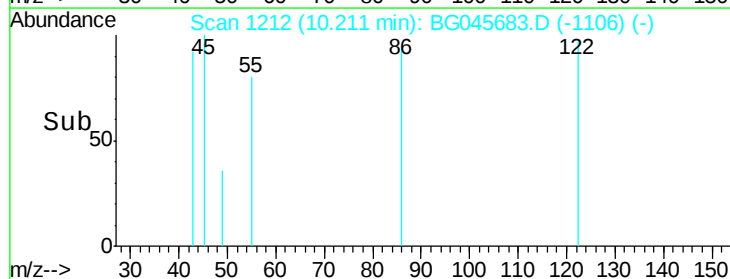
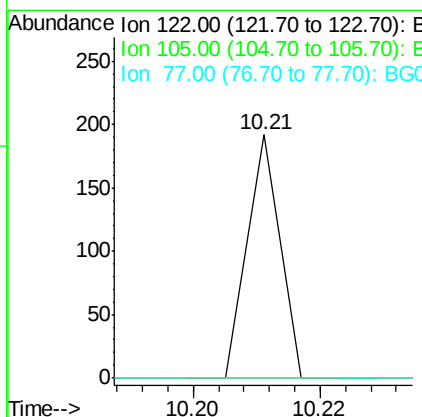
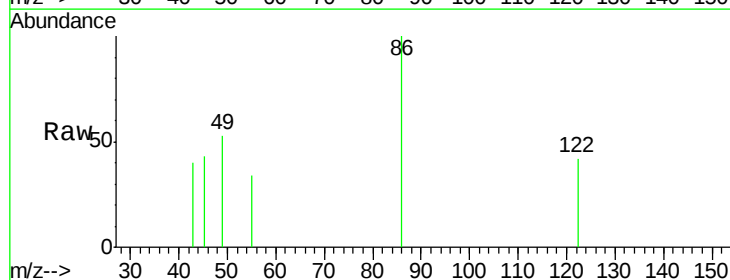
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-060520

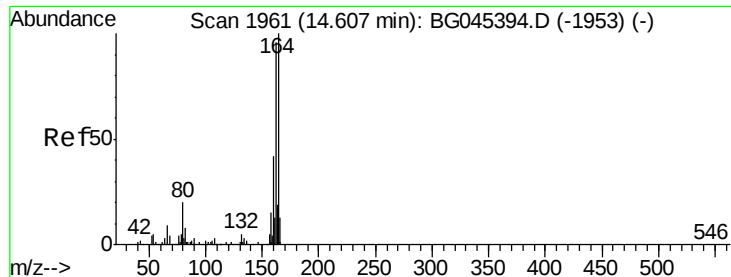
Tot Ion	82	Resp	440647
Ion Ratio	Lower	Upper	
82	100		
128	37.7	30.9	46.3
54	41.5	30.3	45.5



#32
 Benzoic acid
 Concen: 10.049 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.09 min
 Lab File: BG045683.D
 Acq: 10 Jun 2020 6:37

Tgt Ion	122	Resp	68
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

BNA_G

ClientSampleId :

OK-01-060520

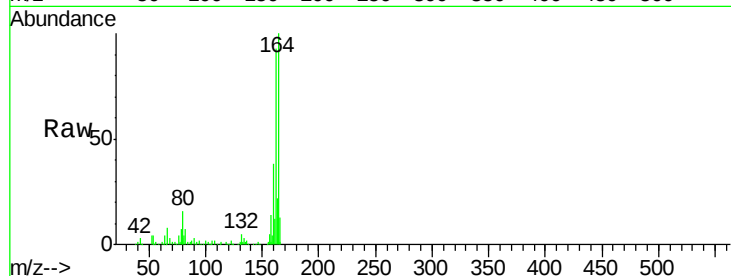
Tot Ion:164 Resp: 165197

Ion Ratio Lower Upper

164 100

162 92.6 76.9 115.3

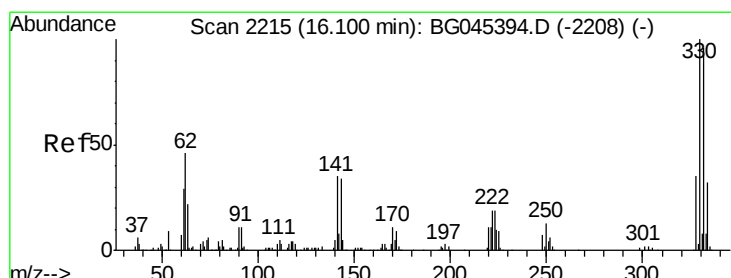
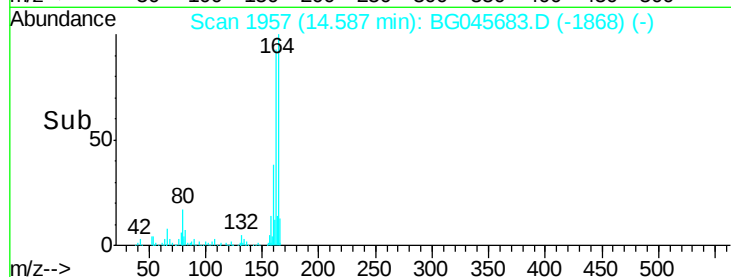
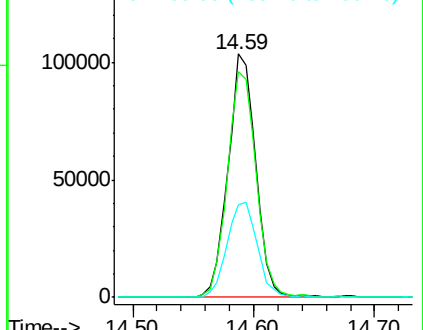
160 37.9 33.8 50.8



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: 140.215 ng

RT: 16.09 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

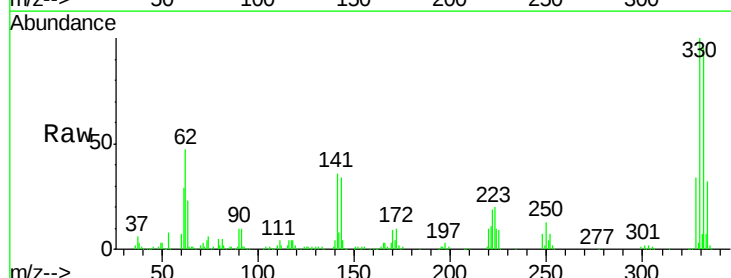
Tgt Ion:330 Resp: 296230

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

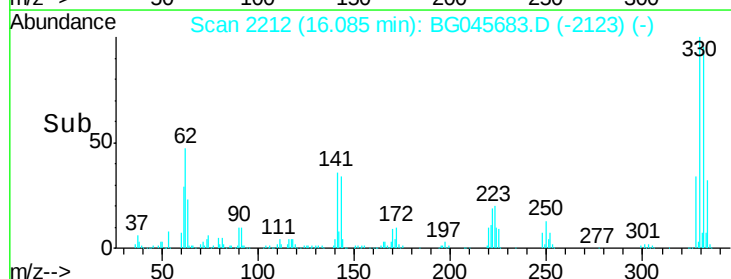
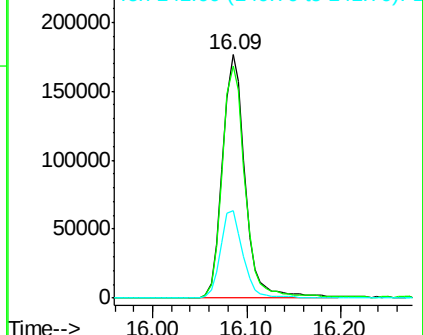
141 36.0 28.2 42.4

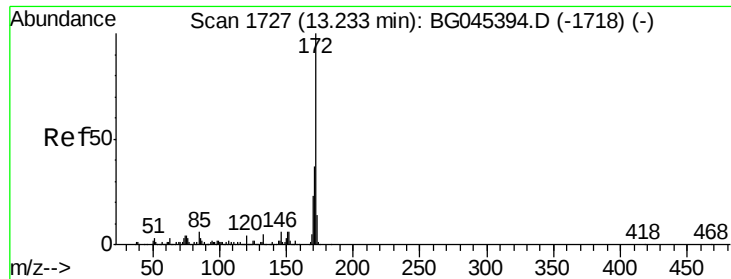


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

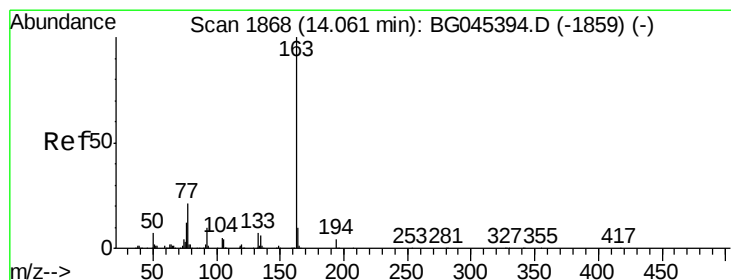
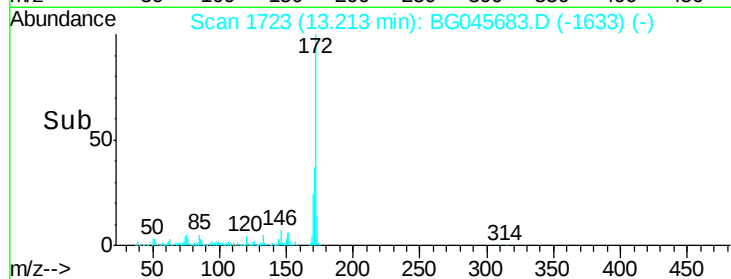
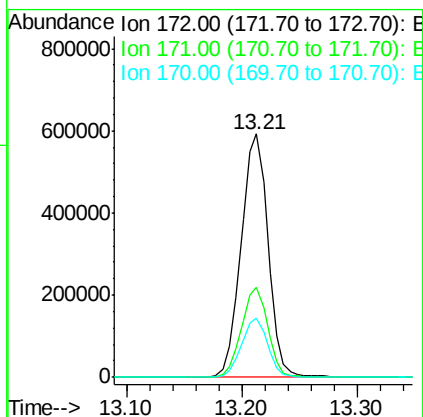
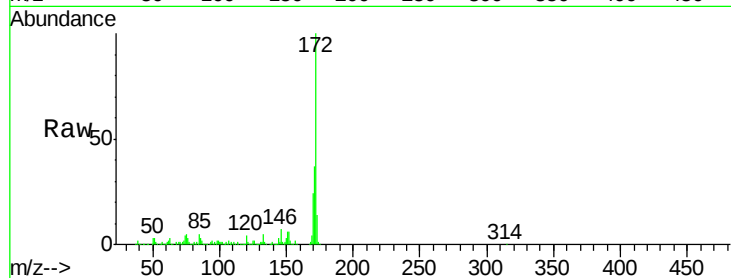




#45
2-Fluorobiphenyl
Concen: 98.604 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

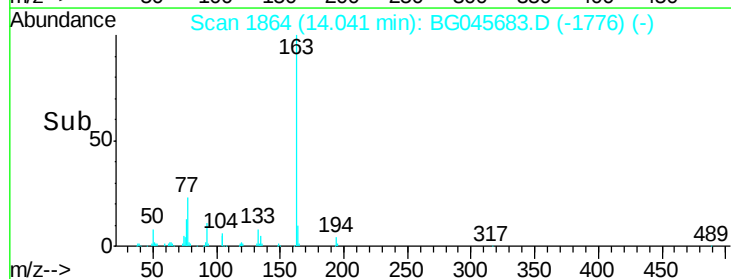
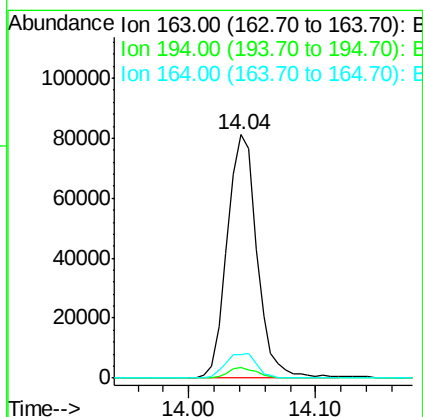
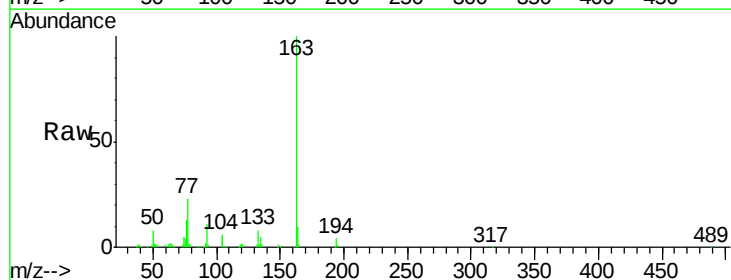
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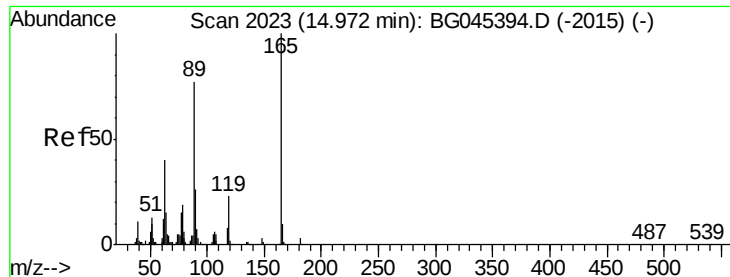
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.3	18.5	27.7



#50
Dimethylphthalate
Concen: 11.664 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.8	8.3	12.5

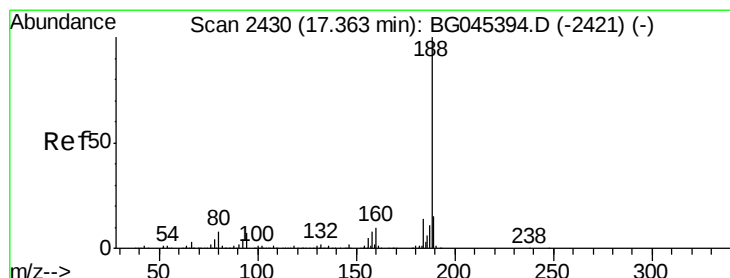
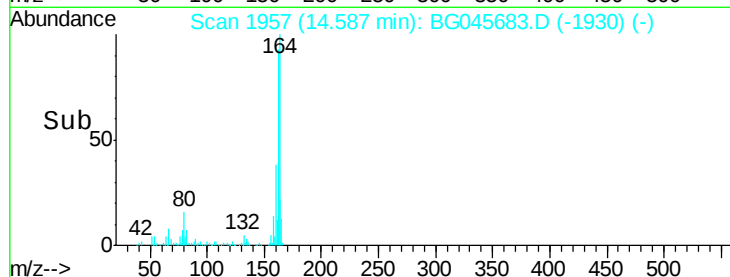
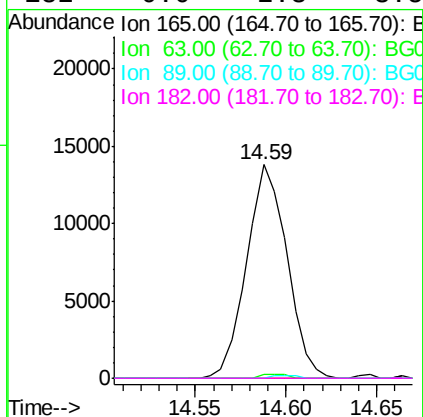
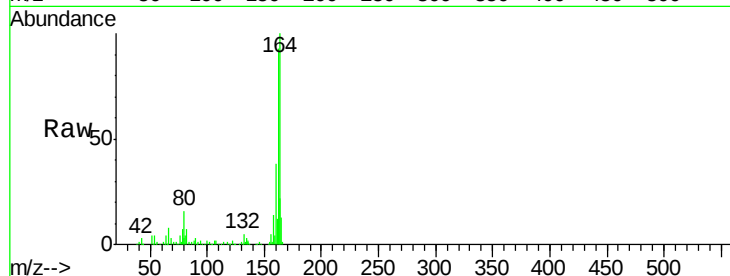




#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.37 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

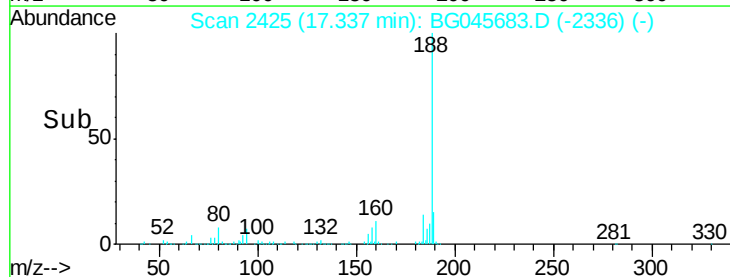
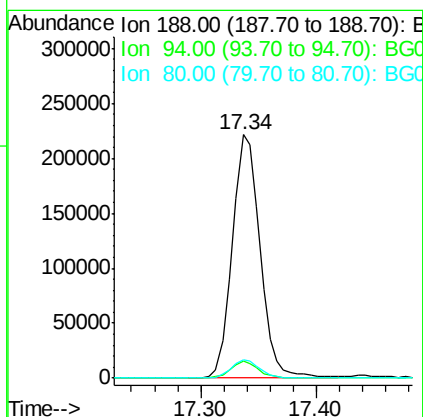
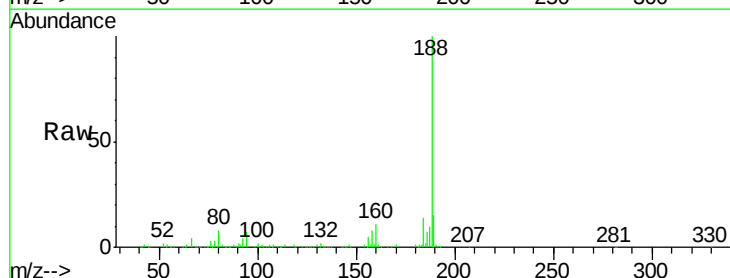
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OK-01-060520

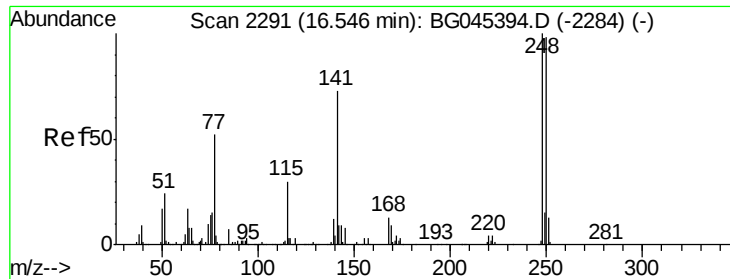
Tot Ion:165 Resp: 21374
Ion Ratio Lower Upper
165 100
63 2.0 32.5 48.7#
89 0.0 61.8 92.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Tgt Ion:188 Resp: 370387
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.7 6.6 10.0

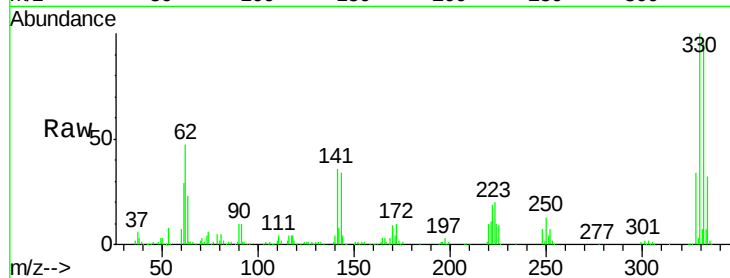




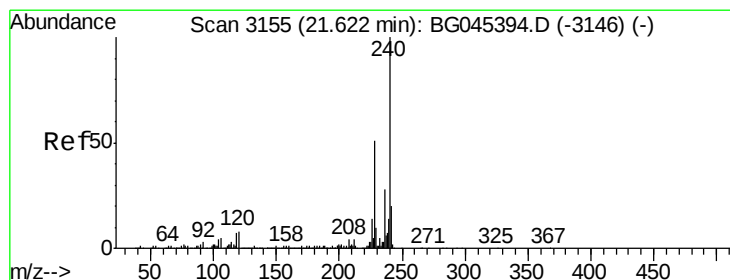
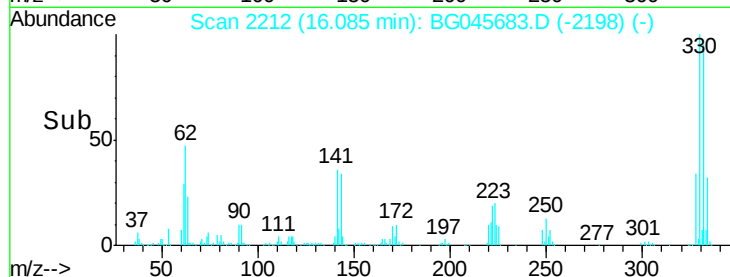
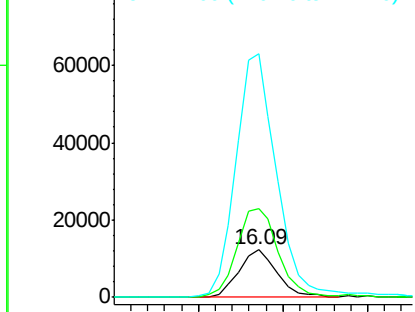
#67
4-Bromophenyl-phenylether
Concen: 4.856 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Instrument :
BNA_G
ClientSampleId :
OK-01-060520

Tot Ion:248 Resp: 19474
Ion Ratio Lower Upper
248 100
250 186.1 78.6 117.8#
141 510.8 58.2 87.2#

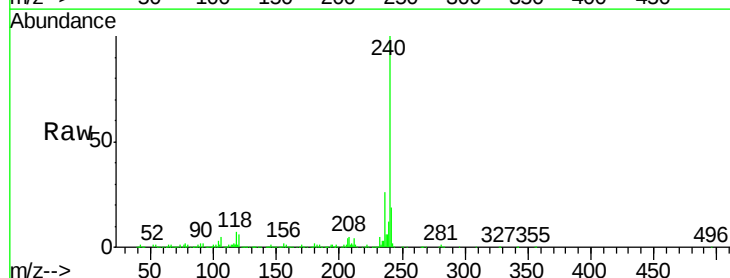


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

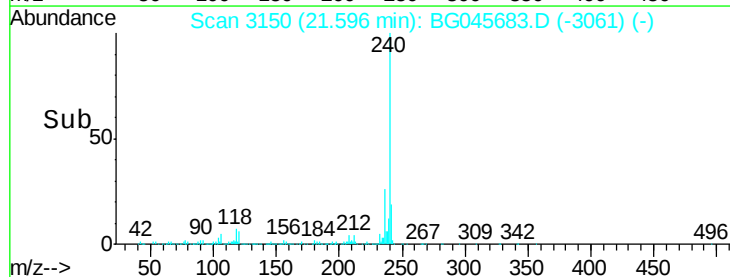
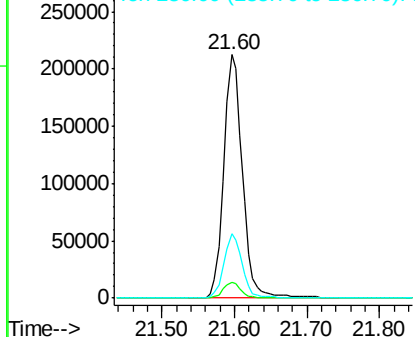


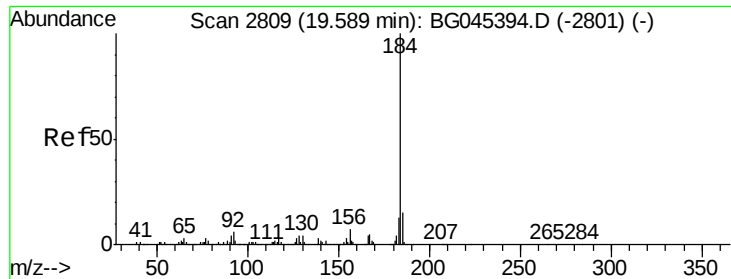
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Tgt Ion:240 Resp: 380999
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 26.3 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: 2.927 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

BNA_G

ClientSampleId :

OK-01-060520

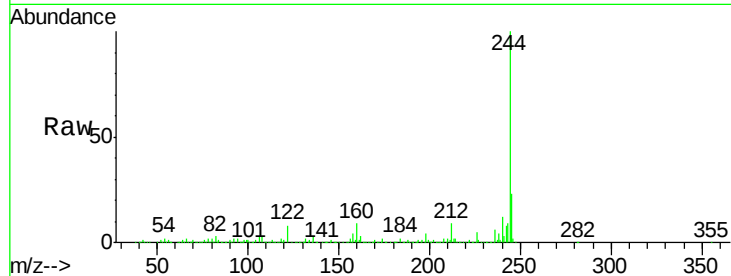
Tot Ion:184 Resp: 31316

Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

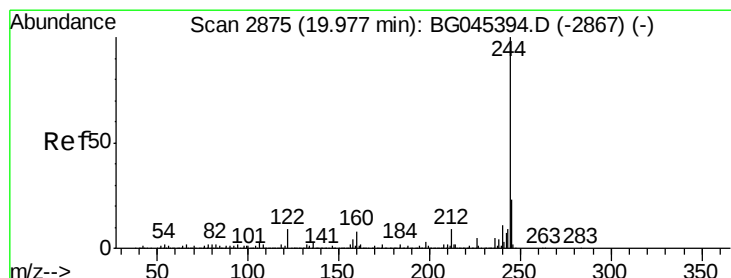
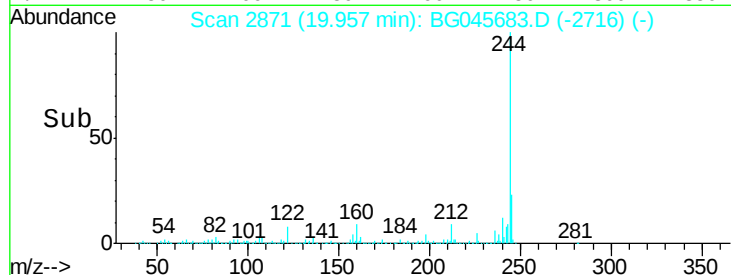
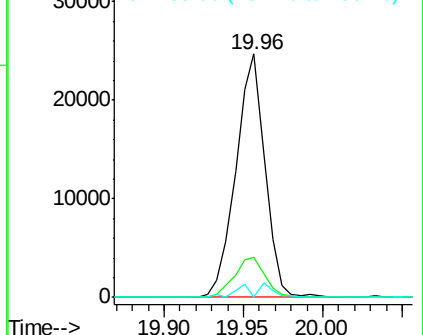
183 0.0 10.2 15.4#



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: 101.811 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

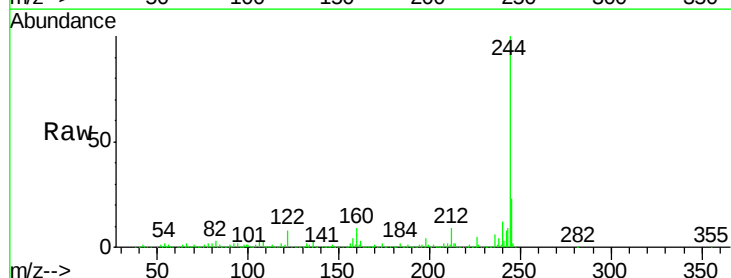
Tgt Ion:244 Resp: 1663161

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

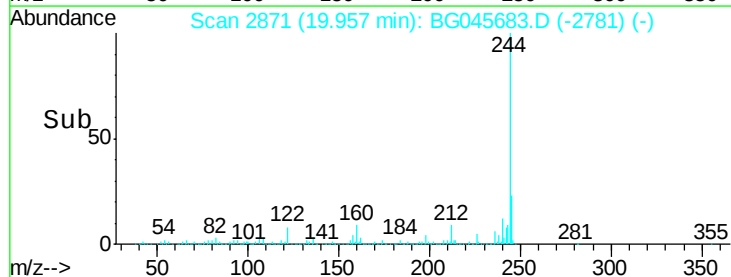
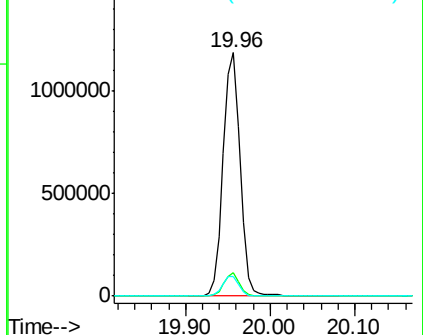
122 8.0 6.8 10.2

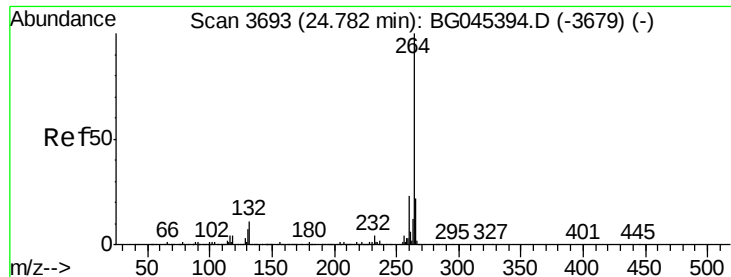


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Instrument :
BNA_G
ClientSampleId :
OK-01-060520

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.0	17.6	26.4

