

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045529.D
 Acq On : 29 May 2020 18:39
 Operator : CG/JU
 Sample : L2792-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-07

Quant Time: May 30 00:29:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

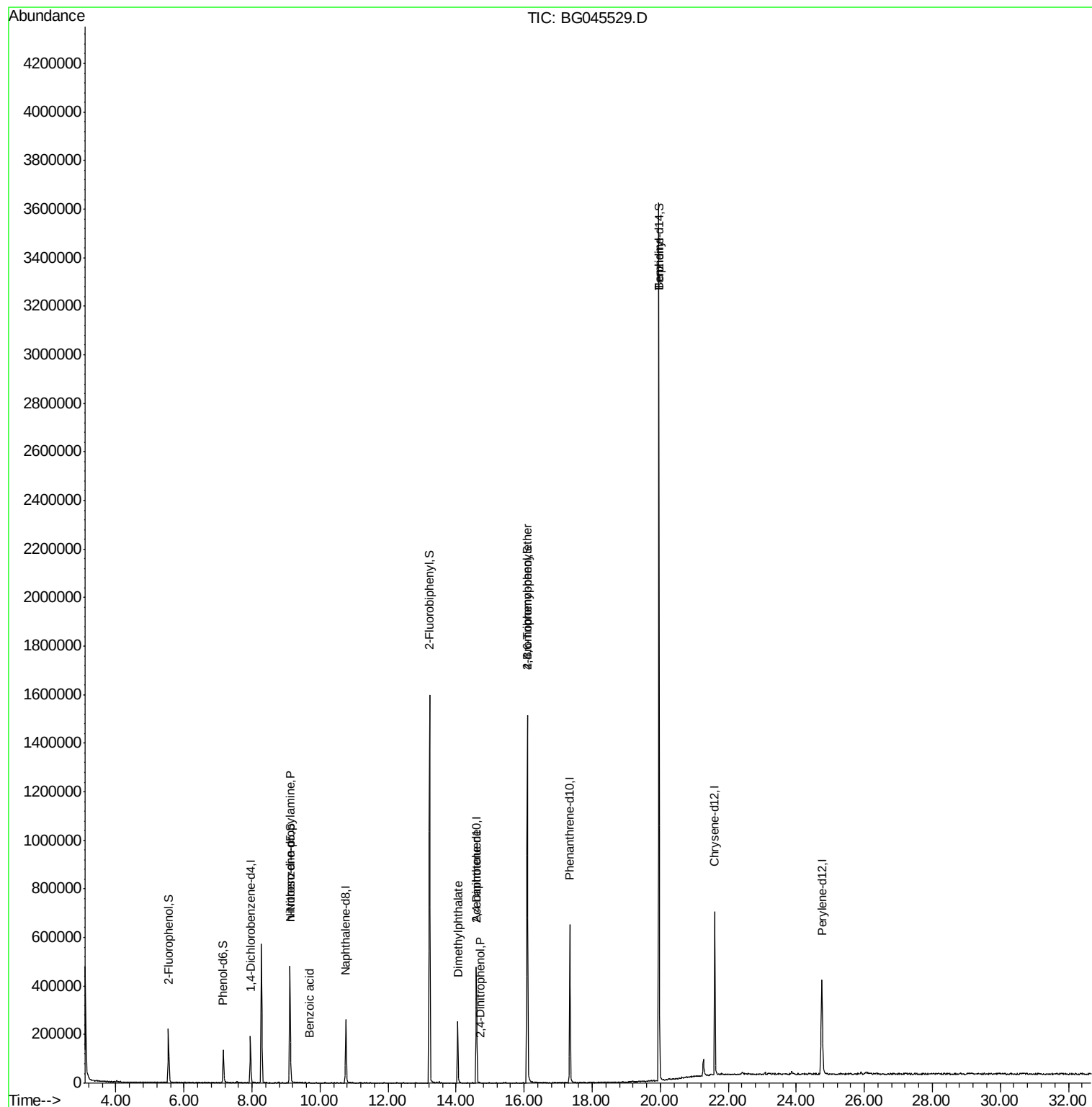
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	60845	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	241827	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	178862	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	436796	20.00	ng	0.00
76) Chrysene-d12	21.60	240	424552	20.00	ng	0.00
87) Perylene-d12	24.75	264	456274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	119479	38.38	ng	0.00
7) Phenol-d6	7.16	99	98887	22.32	ng	0.00
23) Nitrobenzene-d5	9.11	82	341479	77.00	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	324791	141.99	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	900264	85.37	ng	0.00
79) Terphenyl-d14	19.96	244	1842428	101.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	46205	15.078	ng	# 77
32) Benzoic acid	9.70	122	81	10.054	ng	# 1
50) Dimethylphthalate	14.05	163	180051	14.674	ng	# 99
54) 2,4-Dinitrophenol	14.69	184	54	5.487	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	24194	6.034	ng	# 22
67) 4-Bromophenyl-phenylether	16.09	248	21254	4.494	ng	# 1
77) Benzidine	19.96	184	34093	2.859	ng	# 90

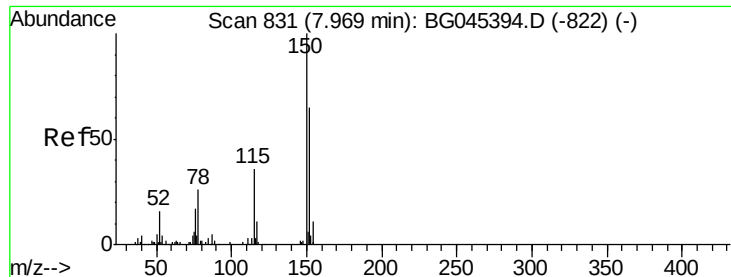
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration



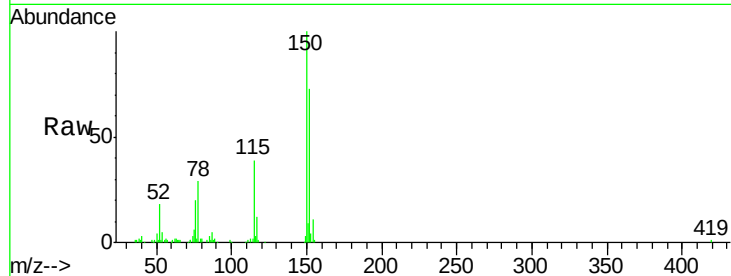


#1

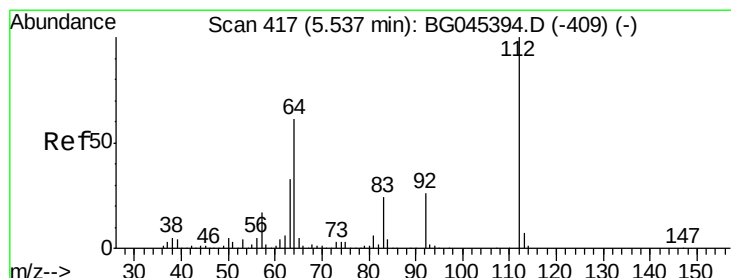
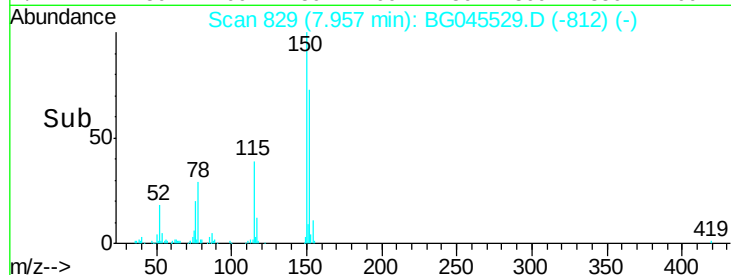
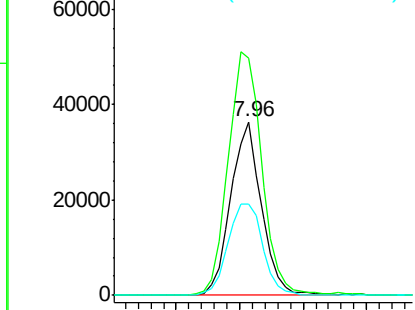
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Instrument :
BNA_G
ClientSampleId :
NM-EB-07

Tot Ion:152 Resp: 60845
Ion Ratio Lower Upper
152 100
150 136.3 122.4 183.6
115 52.9 44.2 66.4



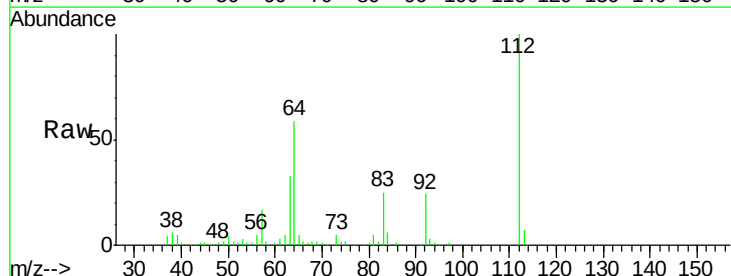
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



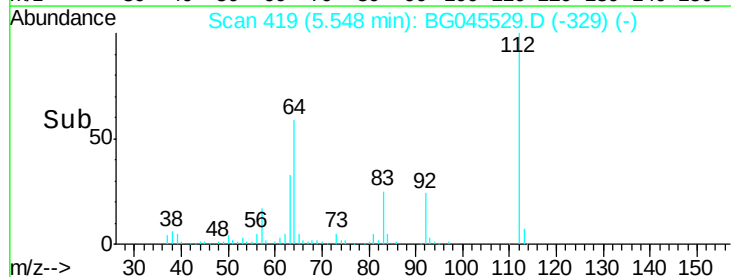
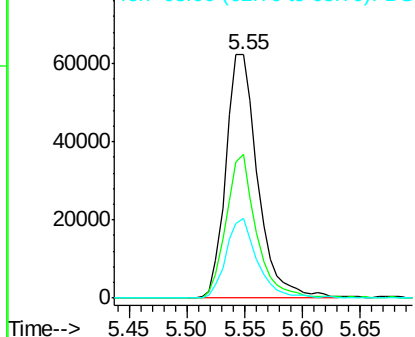
#5

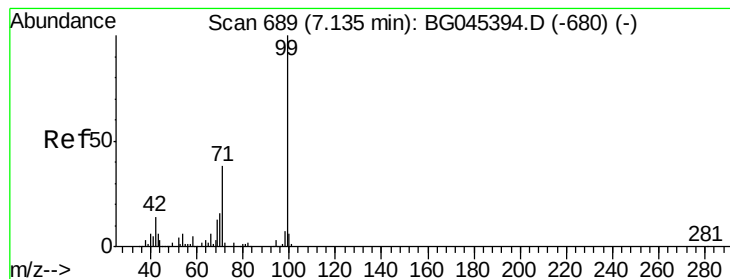
2-Fluorophenol
Concen: 38.376 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Tgt Ion:112 Resp: 119479
Ion Ratio Lower Upper
112 100
64 59.1 48.6 72.8
63 32.7 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: 22.316 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045529.D

Acq: 29 May 2020 18:39

Instrument :

BNA_G

ClientSampleId :

NM-EB-07

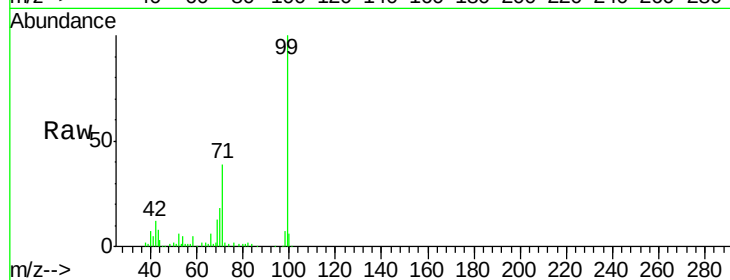
Tot Ion: 99 Resp: 98887

Ion Ratio Lower Upper

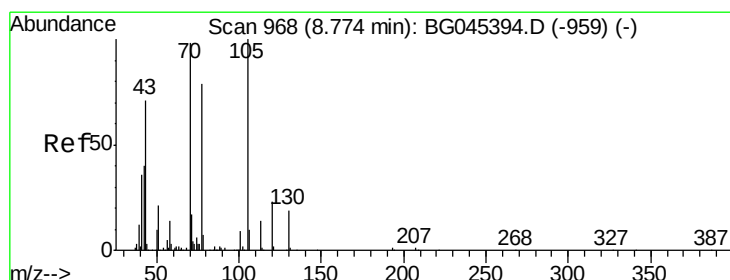
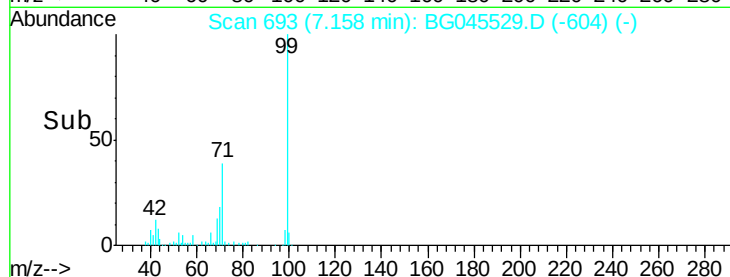
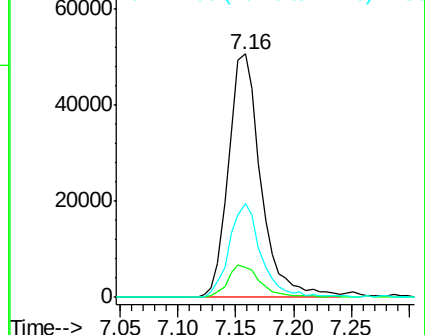
99 100

42 12.3 11.3 16.9

71 38.6 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: 15.078 ng

RT: 9.11 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045529.D

Acq: 29 May 2020 18:39

Tgt Ion: 70 Resp: 46205

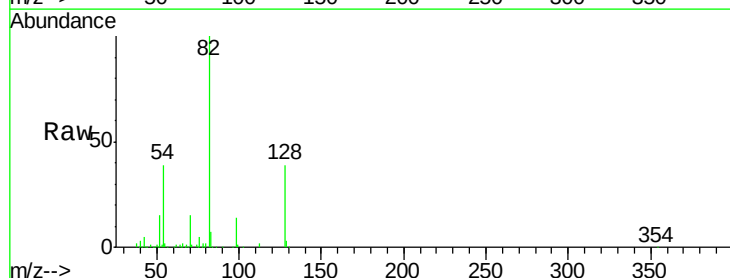
Ion Ratio Lower Upper

70 100

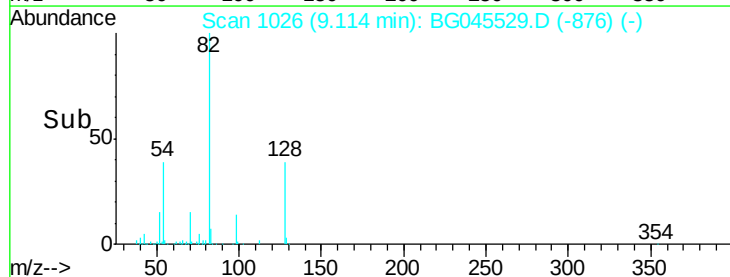
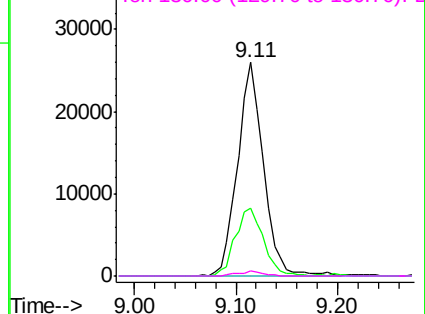
42 31.5 33.2 49.8#

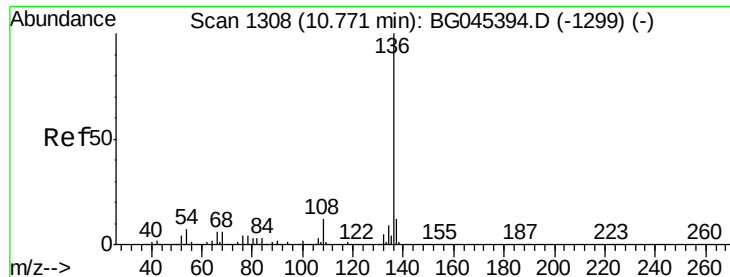
101 0.0 7.8 11.6#

130 2.5 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

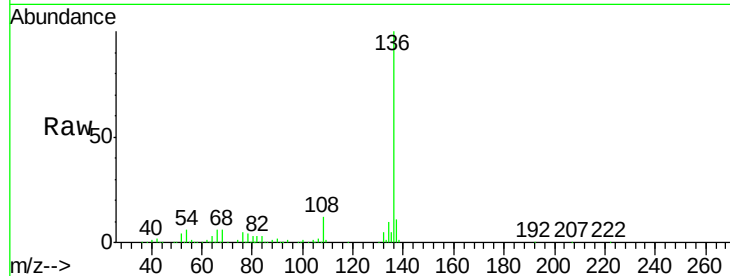




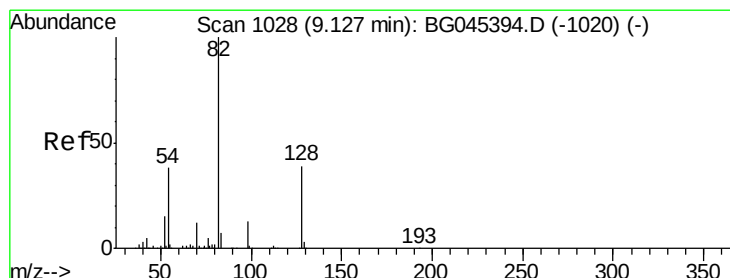
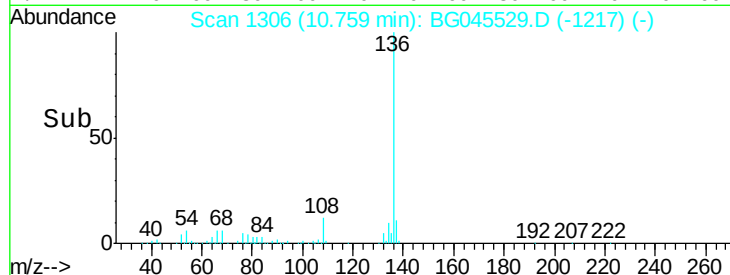
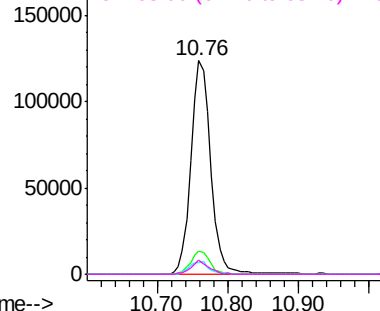
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Instrument :
BNA_G
ClientSampleId :
NM-EB-07

Tot Ion:136	Resp:	241827
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.4	14.2
54 5.6	5.8	8.6#
68 6.3	4.5	6.7

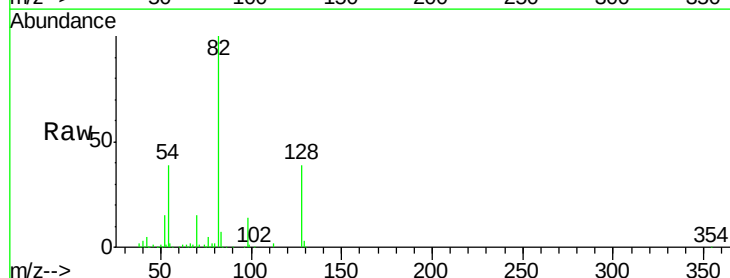


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

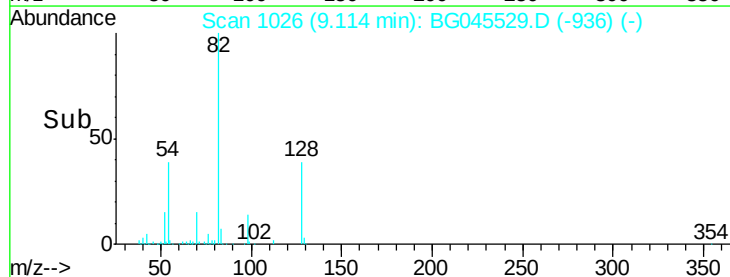
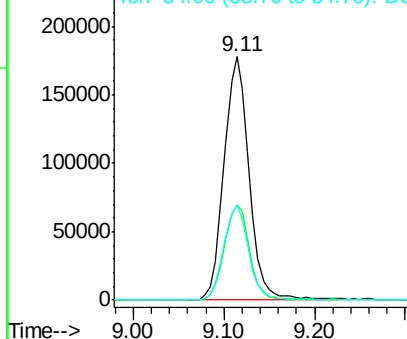


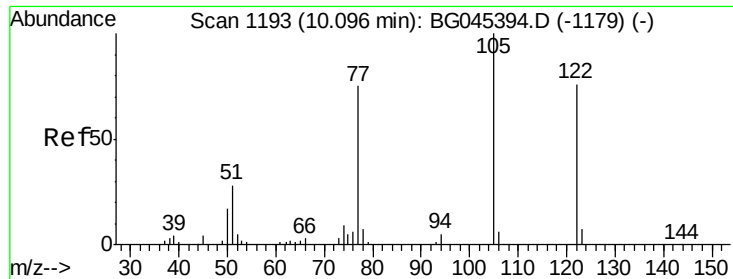
#23
Nitrobenzene-d5
Concen: 77.003 ng
RT: 9.11 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Tgt Ion: 82	Resp: 341479
Ion Ratio	Lower Upper
82 100	
128 39.3	30.9 46.3
54 38.9	30.3 45.5



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

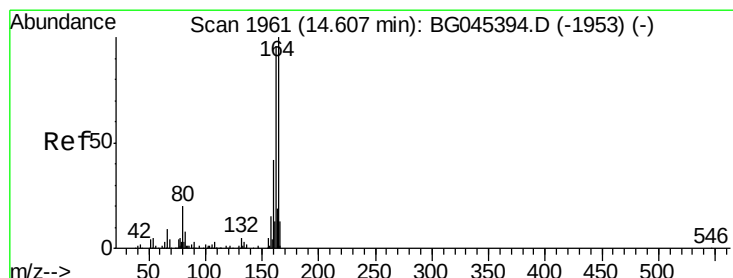
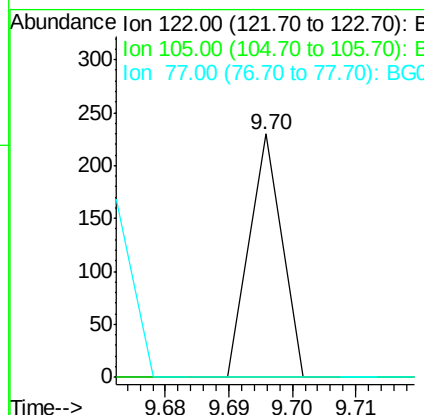
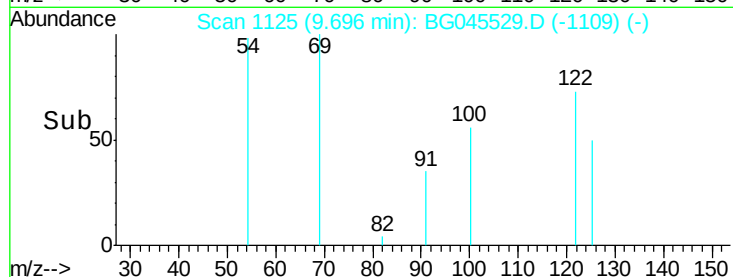
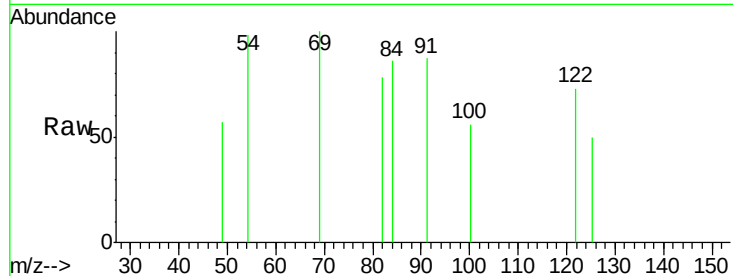




#32
Benzoic acid
Concen: 10.054 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.44 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

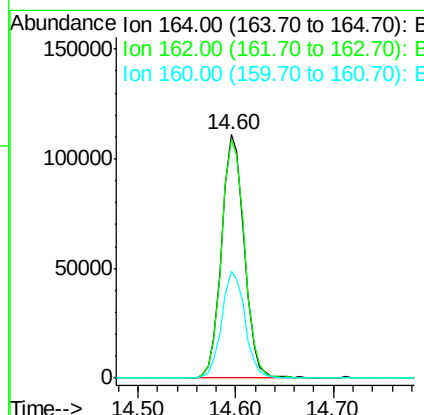
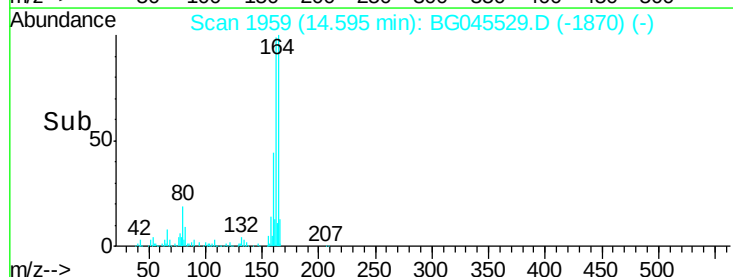
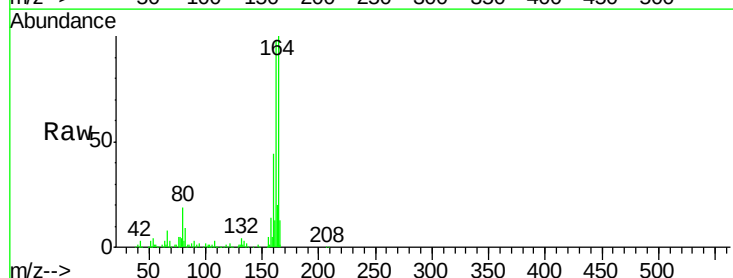
Instrument :
BNA_G
ClientSampleId :
NM-EB-07

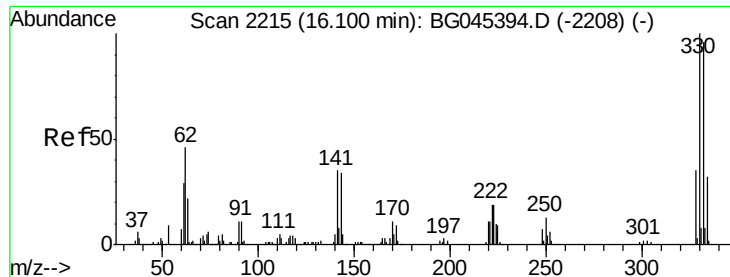
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	76.9	115.3
160	44.0	33.8	50.8

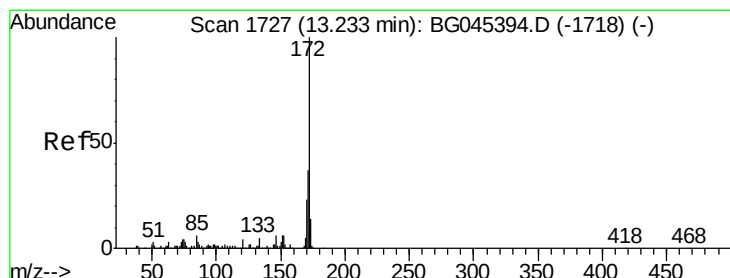
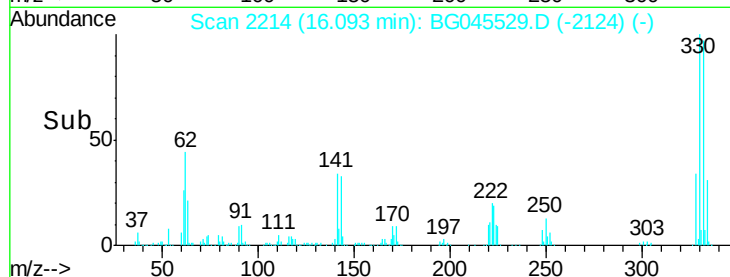
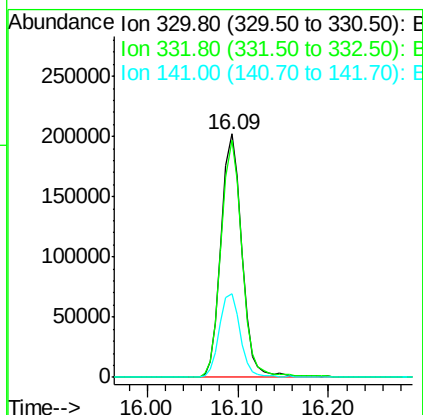
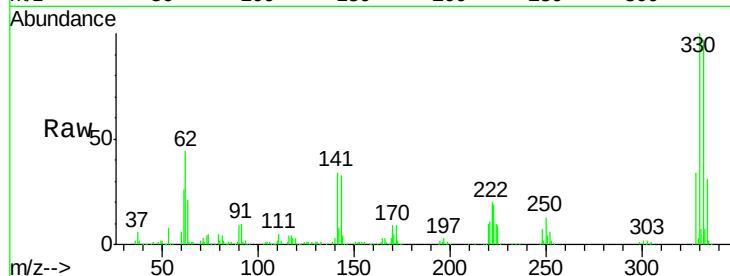




#42
 2,4,6-Tribromophenol
 Concen: 141.989 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045529.D
 Acq: 29 May 2020 18:39

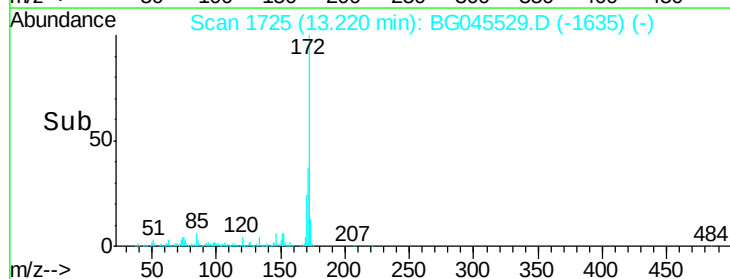
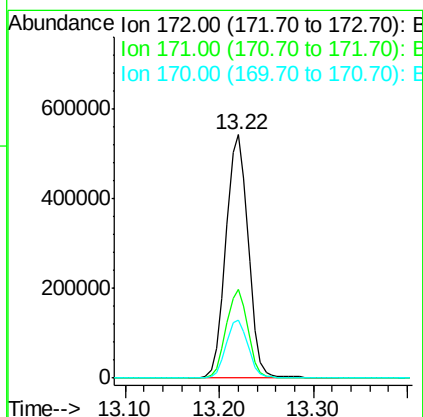
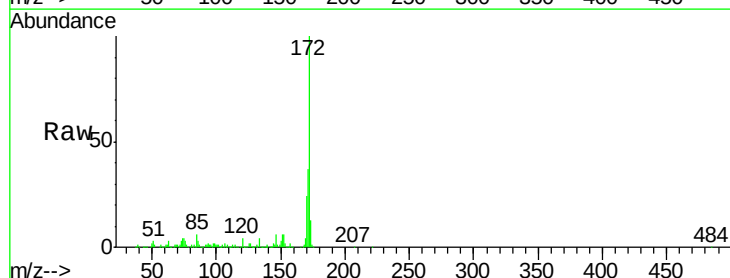
Instrument :
 BNA_G
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 NM-EB-07

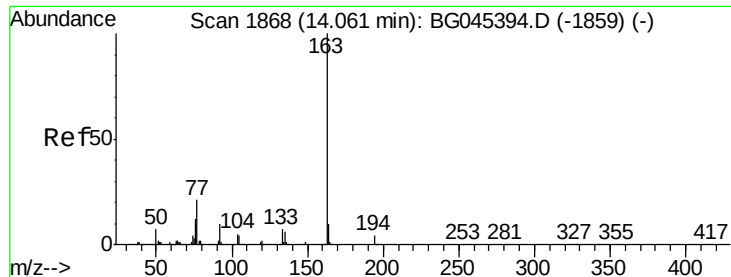
Tot Ion:330 Resp: 324791
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.4
 141 34.6 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 85.375 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045529.D
 Acq: 29 May 2020 18:39

Tgt Ion:172 Resp: 900264
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.0 18.5 27.7





#50

Dimethylphthalate

Concen: 14.674 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045529.D

Acq: 29 May 2020 18:39

Instrument :

BNA_G

ClientSampleId :

NM-EB-07

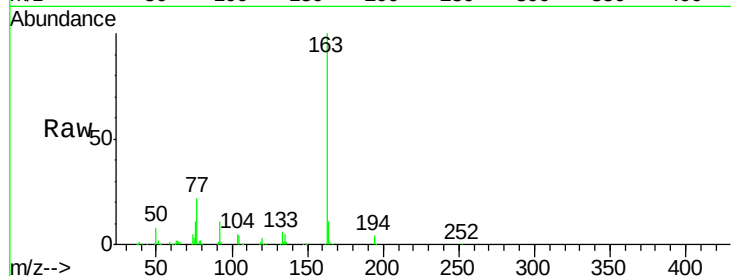
Tot Ion:163 Resp: 180051

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

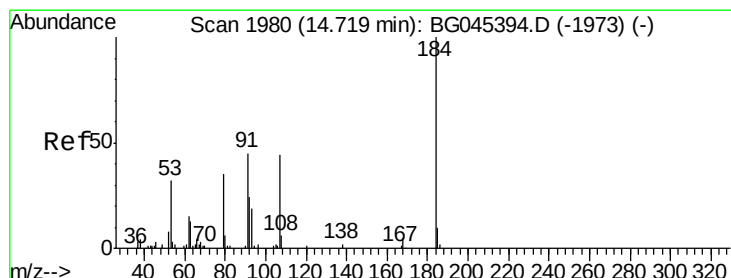
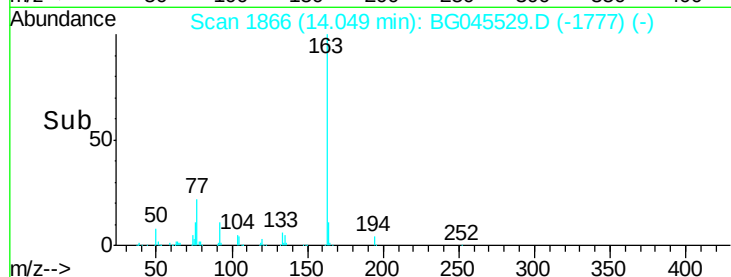
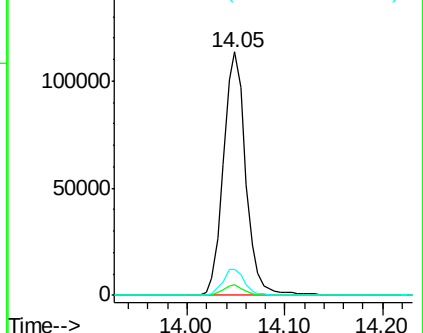
164 10.8 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.487 ng

RT: 14.69 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG045529.D

Acq: 29 May 2020 18:39

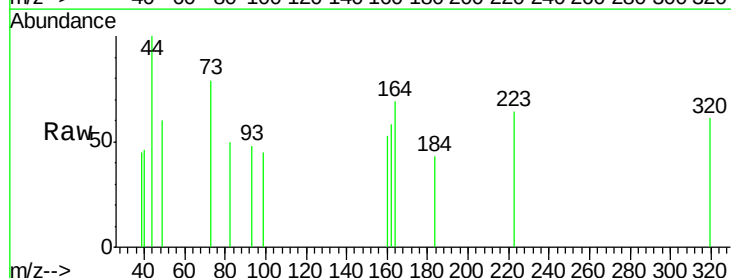
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

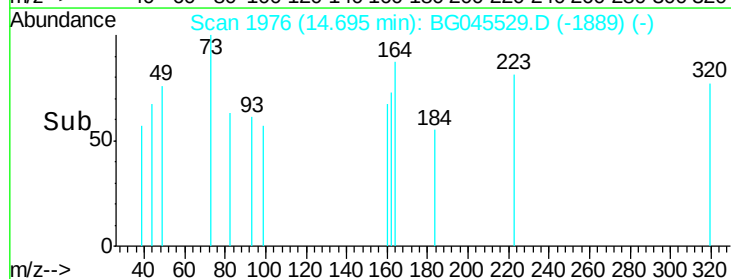
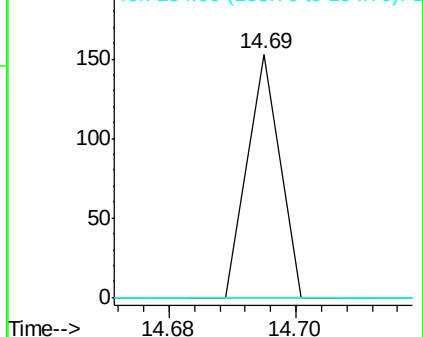
154 0.0 58.3 87.5#

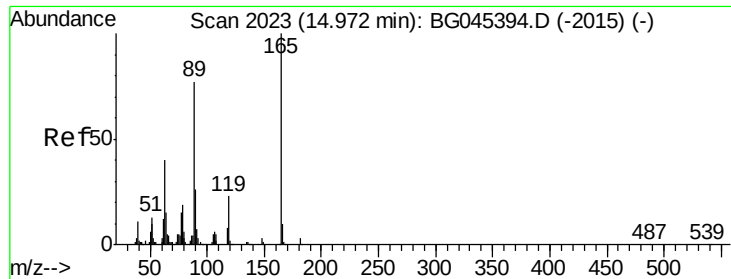


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

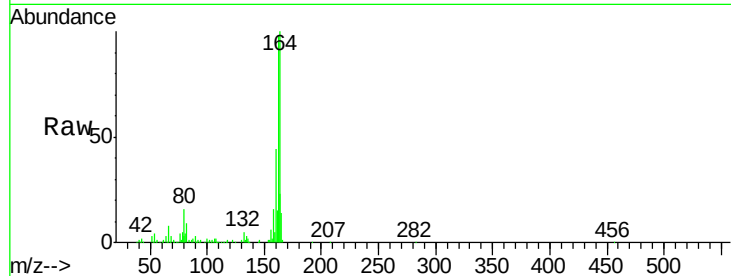




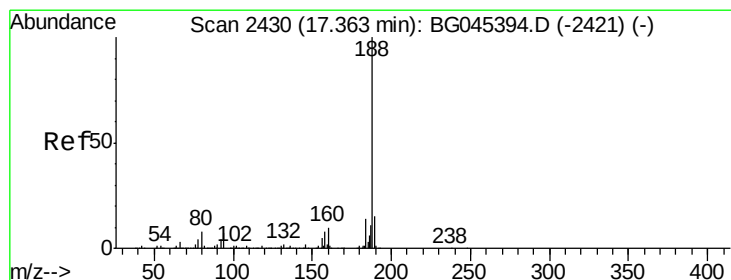
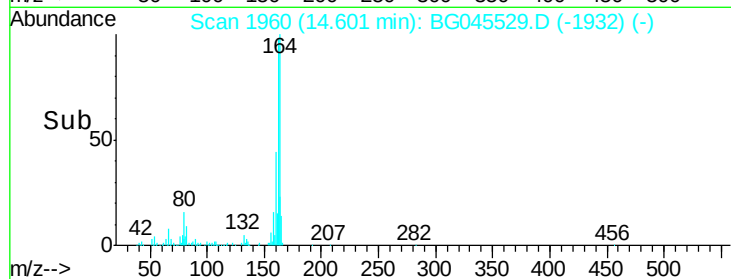
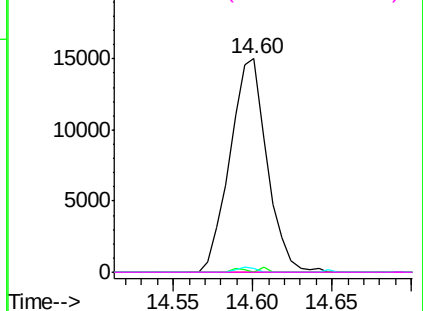
#57
2,4-Dinitrotoluene
Concen: 6.034 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.37 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Instrument :
BNA_G
ClientSampleId :
NM-EB-07

Tot Ion:165 Resp: 24194
Ion Ratio Lower Upper
165 100
63 0.0 32.5 48.7#
89 1.6 61.8 92.6#
182 0.0 2.3 3.5#

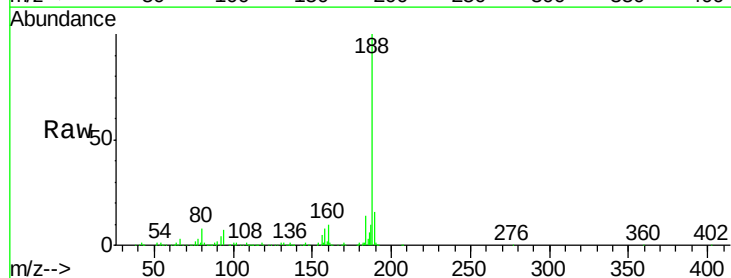


Abundance Ion 165.00 (164.70 to 165.70): E

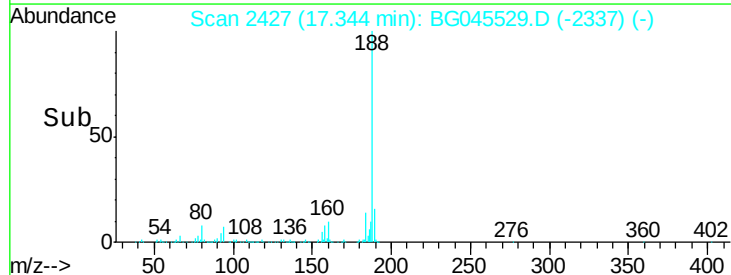
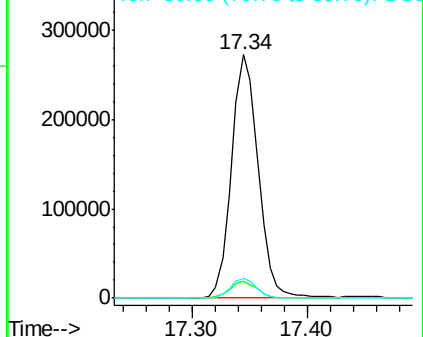


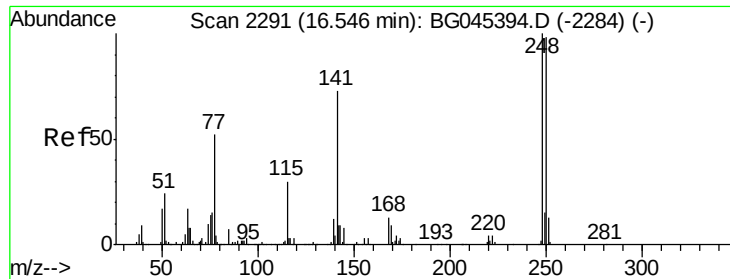
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Tgt Ion:188 Resp: 436796
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 8.3 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

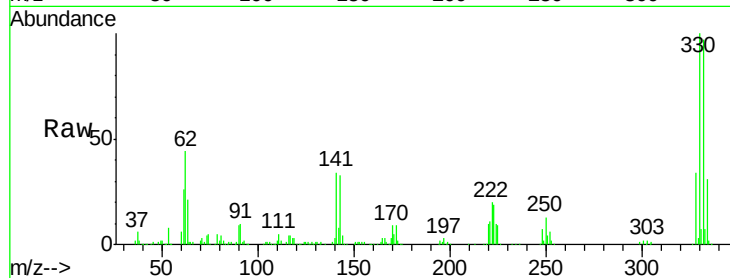




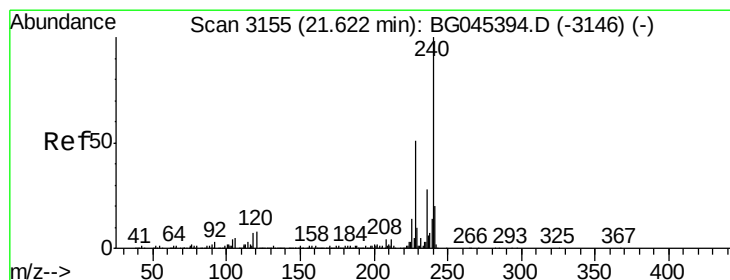
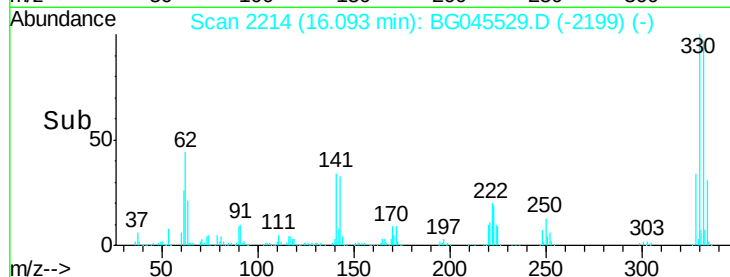
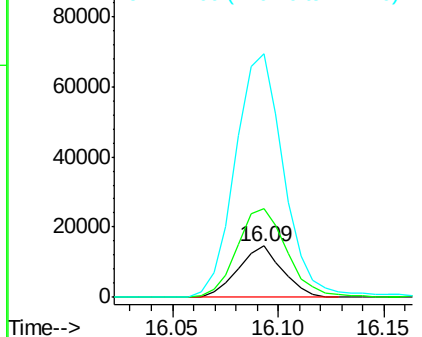
#67
 4-Bromophenyl-phenylether
 Concen: 4.494 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.44 min
 Lab File: BG045529.D
 Acq: 29 May 2020 18:39

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-07

Tot Ion:248 Resp: 21254
 Ion Ratio Lower Upper
 248 100
 250 173.9 78.6 117.8#
 141 475.6 58.2 87.2#

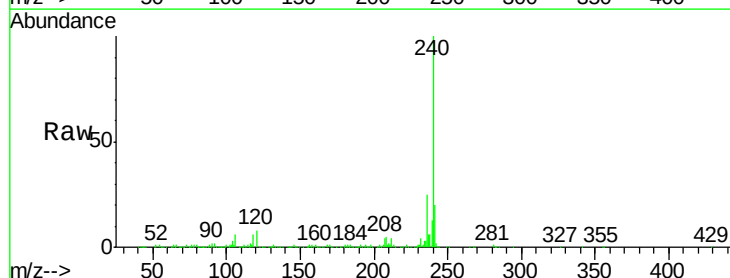


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

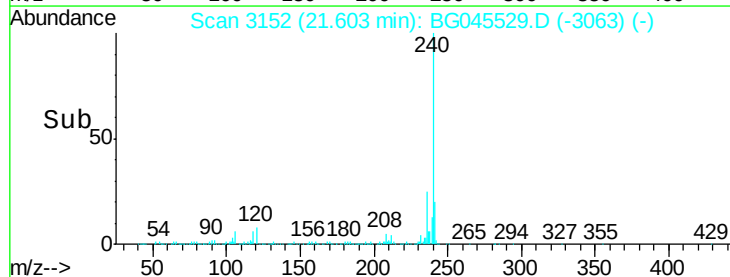
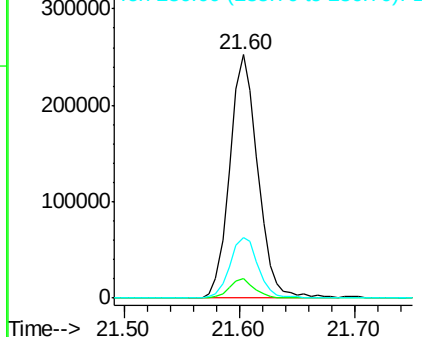


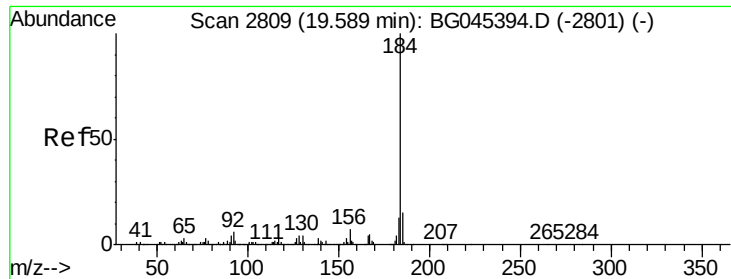
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045529.D
 Acq: 29 May 2020 18:39

Tgt Ion:240 Resp: 424552
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.1 9.1
 236 25.0 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: 2.859 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.37 min

Lab File: BG045529.D

Acq: 29 May 2020 18:39

Instrument :

BNA_G

ClientSampleId :

NM-EB-07

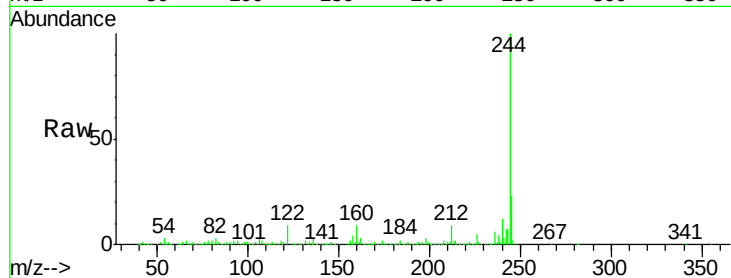
Tot Ion:184 Resp: 34093

Ion Ratio Lower Upper

184 100

185 12.8 11.7 17.5

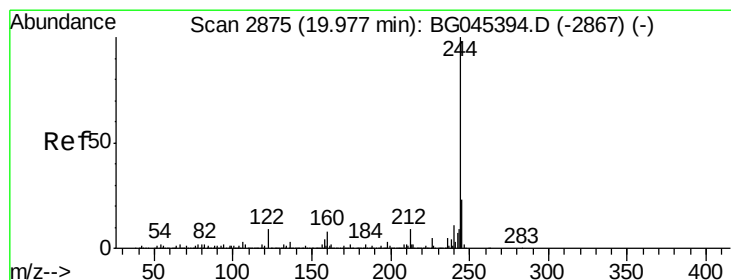
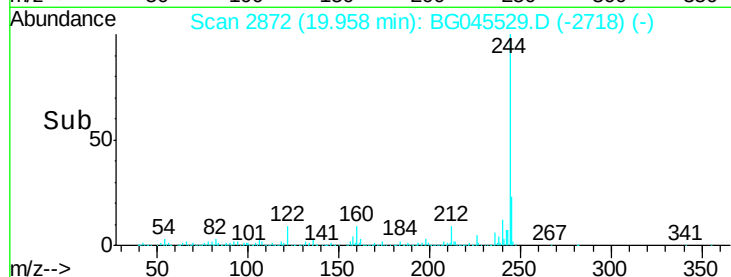
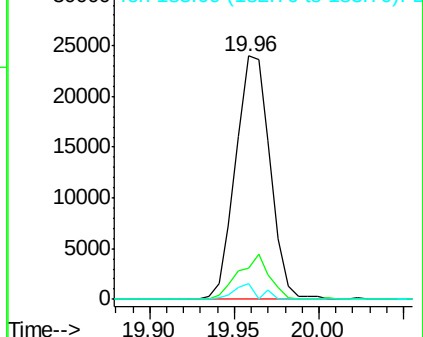
183 6.3 10.2 15.4#



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: 101.215 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045529.D

Acq: 29 May 2020 18:39

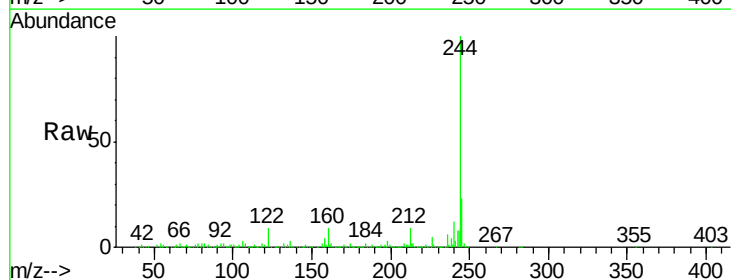
Tgt Ion:244 Resp: 1842428

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

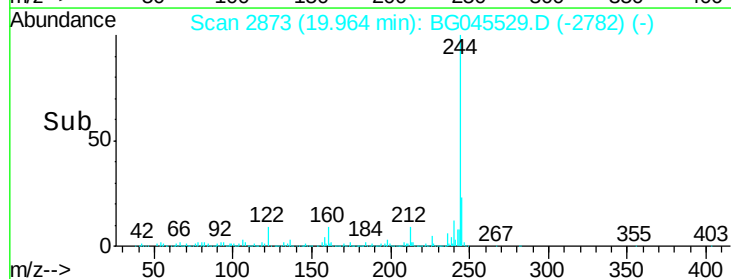
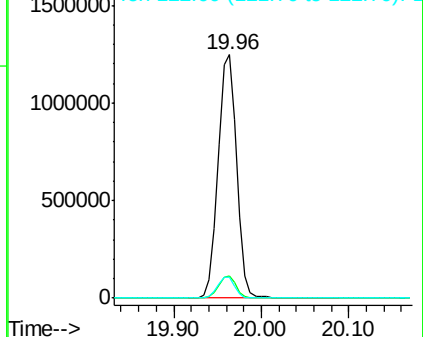
122 8.5 6.8 10.2

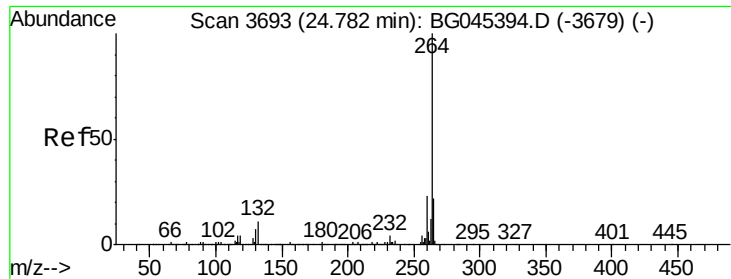


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045529.D
Acq: 29 May 2020 18:39

Instrument :
BNA_G
ClientSampleId :
NM-EB-07

Tot Ion:264 Resp: 456274

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.1	17.6	26.4

