

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045449.D
 Acq On : 21 May 2020 21:02
 Operator : CG/JU
 Sample : L2728-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 22 00:59:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61429	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	235195	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	178159	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	435404	20.00	ng	0.00
76) Chrysene-d12	21.61	240	452354	20.00	ng	-0.01
87) Perylene-d12	24.76	264	479595	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	393872	125.31	ng	0.00
7) Phenol-d6	7.19	99	515167	115.15	ng	0.00
23) Nitrobenzene-d5	9.12	82	448579	104.01	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	385069	169.00	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1127388	107.34	ng	0.00
79) Terphenyl-d14	19.97	244	2091652	107.84	ng	0.00

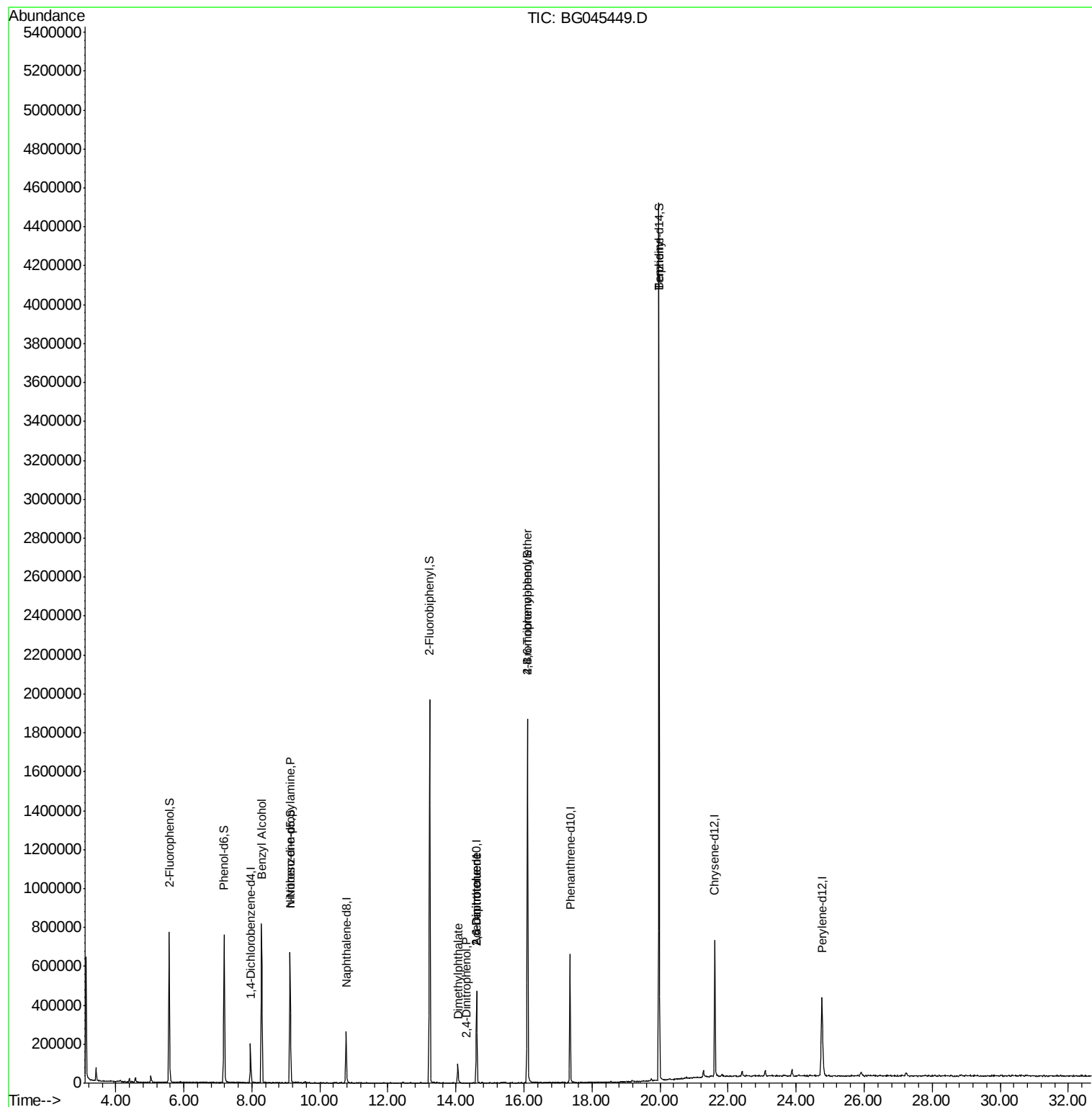
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.28	79	7478	2.023	ng	# 48
19) n-Nitroso-di-n-propylamine	9.12	70	61882	20.003	ng	# 82
50) Dimethylphthalate	14.06	163	69472	5.684	ng	# 99
51) 2,6-Dinitrotoluene	14.60	165	23149	8.394	ng	# 23
54) 2,4-Dinitrophenol	14.29	184	128	5.525	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	23149	5.796	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	26679	5.659	ng	# 1
77) Benzidine	19.97	184	39369	3.099	ng	# 96

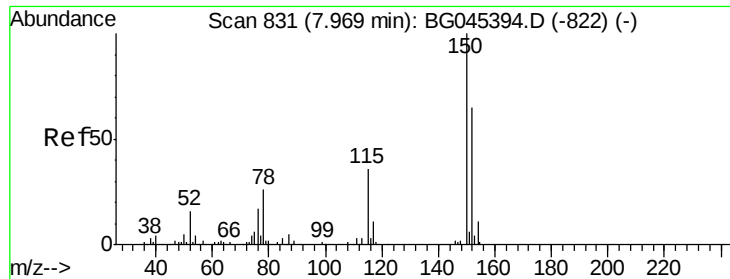
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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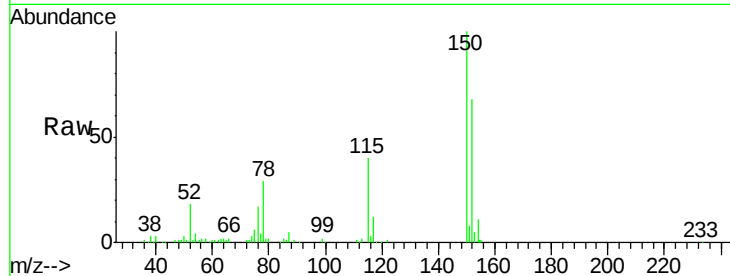


#1

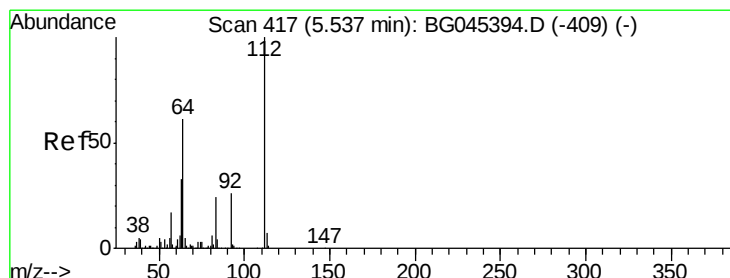
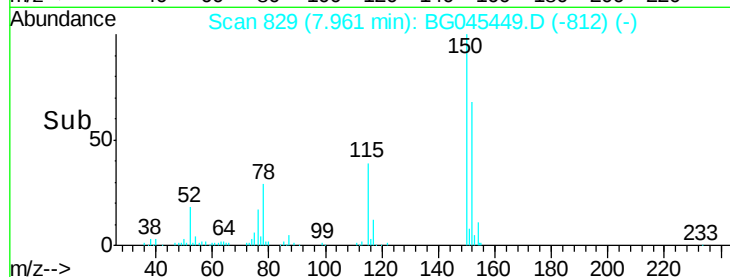
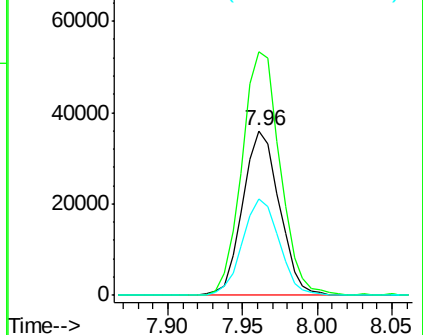
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61429
Ion Ratio Lower Upper
152 100
150 147.8 122.4 183.6
115 58.5 44.2 66.4



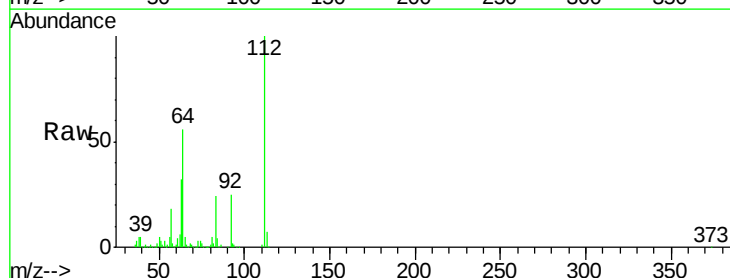
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



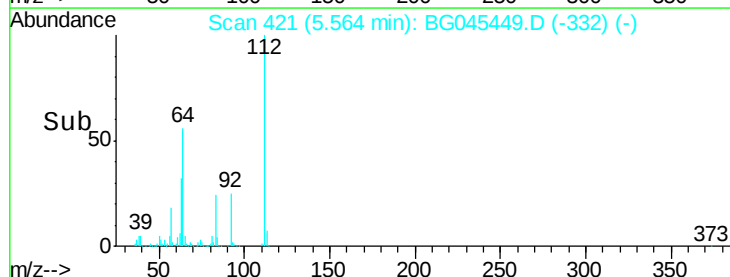
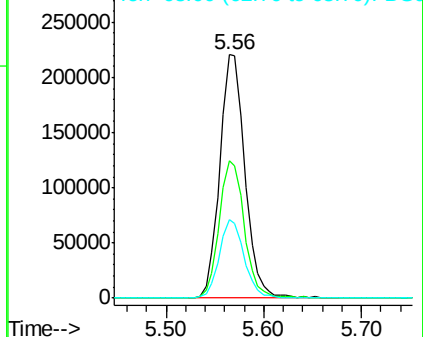
#5

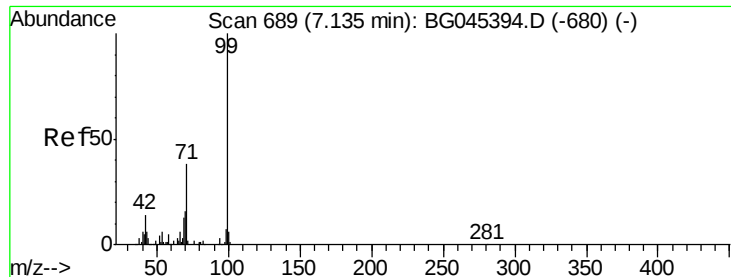
2-Fluorophenol
Concen: 125.306 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Tgt Ion:112 Resp: 393872
Ion Ratio Lower Upper
112 100
64 56.4 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.151 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

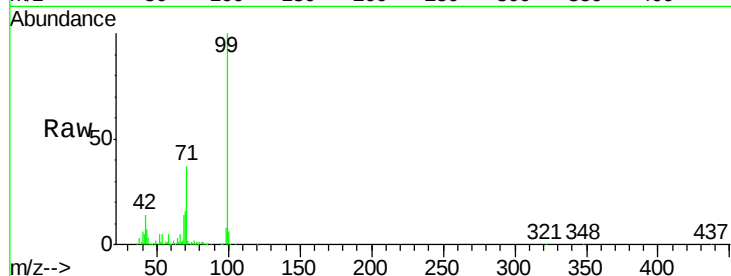
Tot Ion: 99 Resp: 515167

Ion Ratio Lower Upper

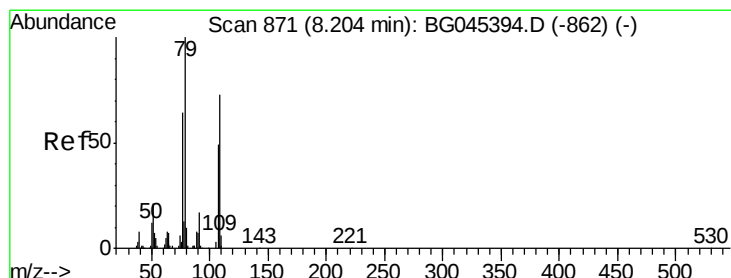
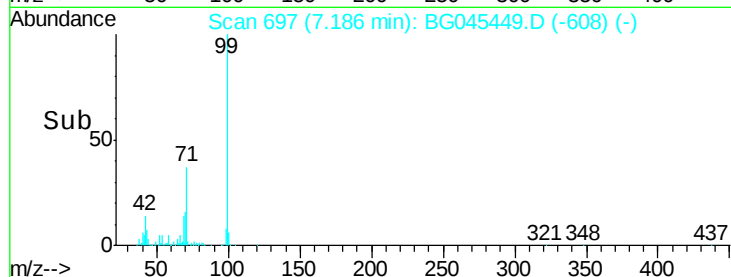
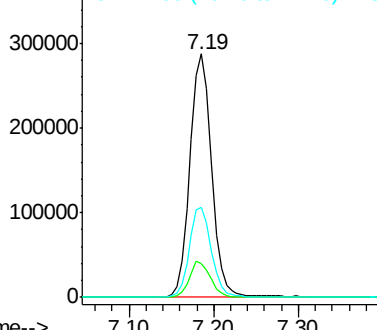
99 100

42 13.6 11.3 16.9

71 37.1 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: 2.023 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.07 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

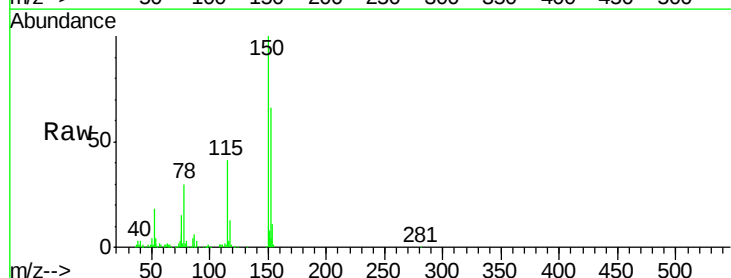
Tgt Ion: 79 Resp: 7478

Ion Ratio Lower Upper

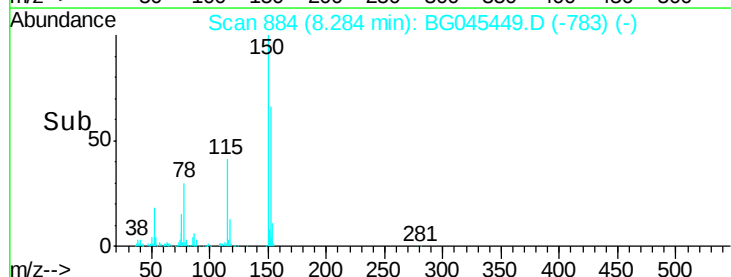
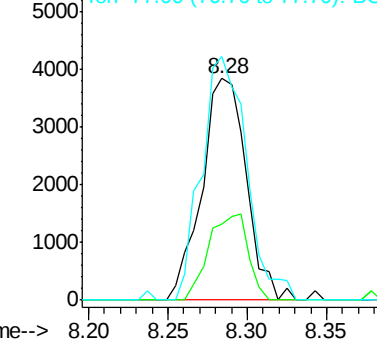
79 100

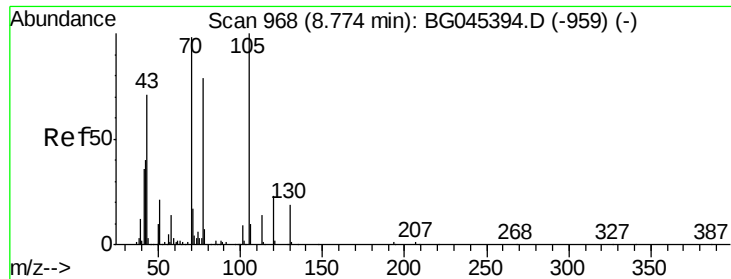
108 34.4 58.2 87.4#

77 110.0 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

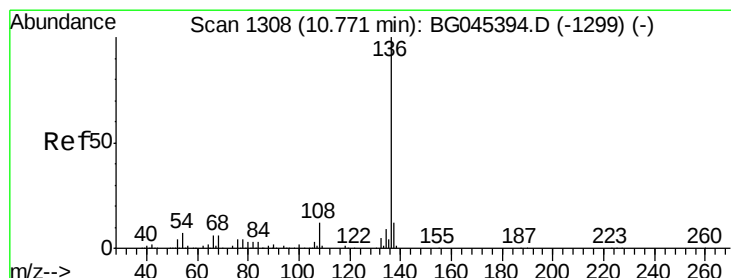
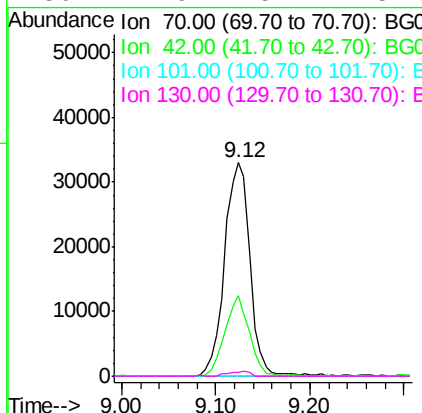
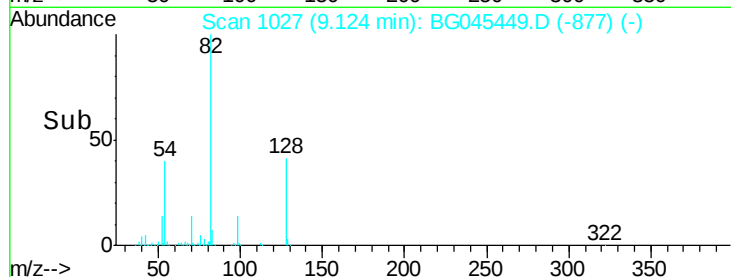
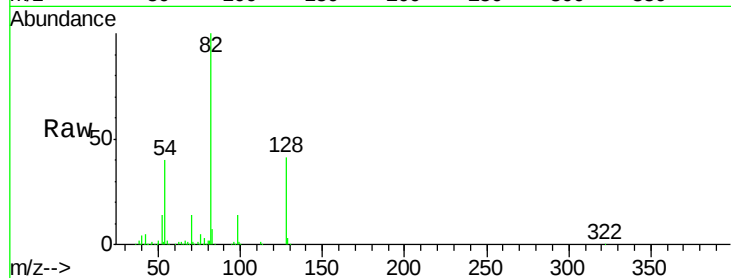




#19
n-Nitroso-di-n-propylamine
Concen: 20.003 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.35 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

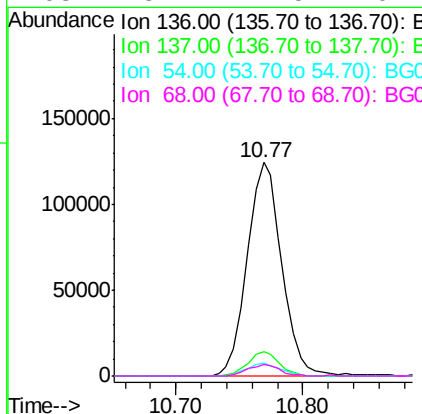
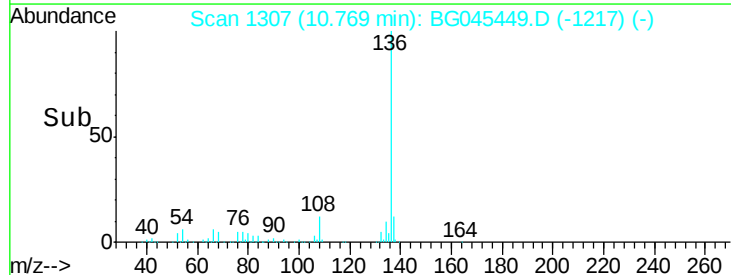
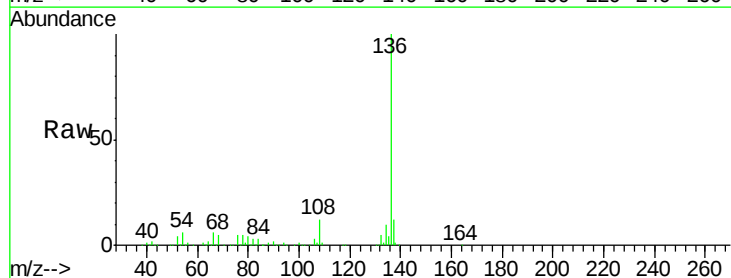
Instrument :
BNA_G
ClientSampled :

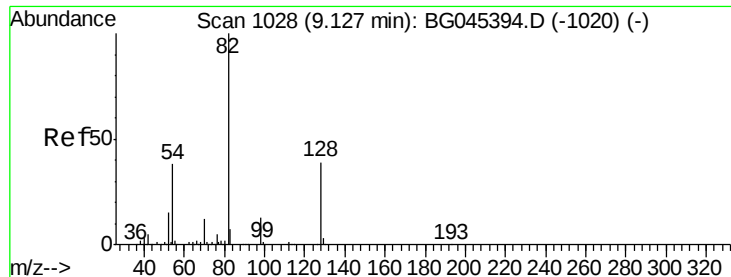
Tot Ion: 70 Resp: 61882
Ion Ratio Lower Upper
70 100
42 37.8 33.2 49.8
101 0.0 7.8 11.6#
130 1.9 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045449.D
Acq: 21 May 2020 21:02

Tgt Ion: 136 Resp: 235195
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 6.1 5.8 8.6
68 5.4 4.5 6.7

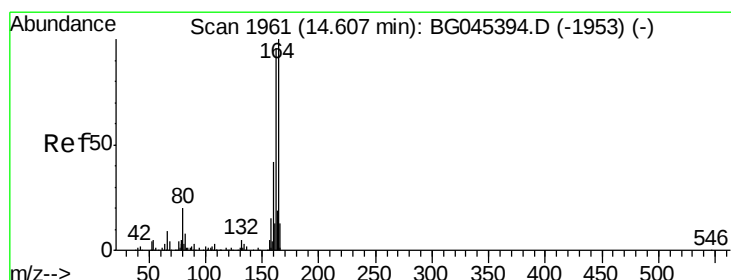
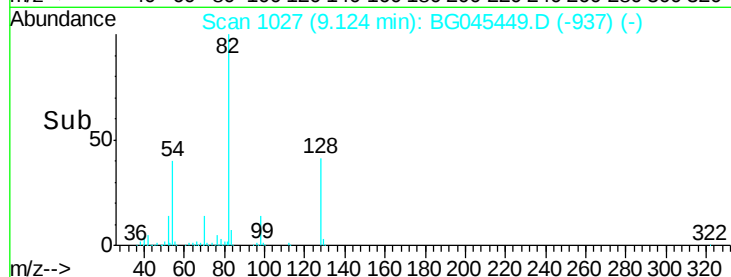
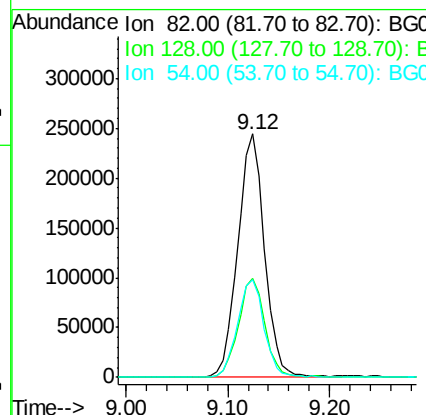
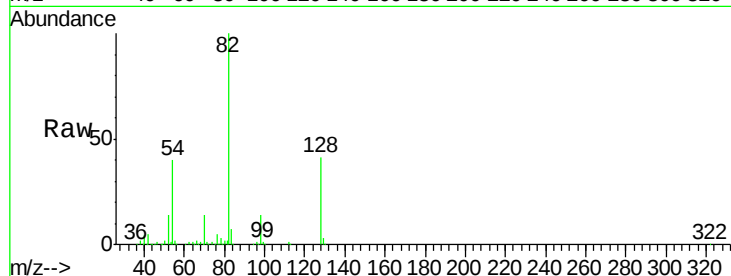




#23
 Nitrobenzene-d5
 Concen: 104.006 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

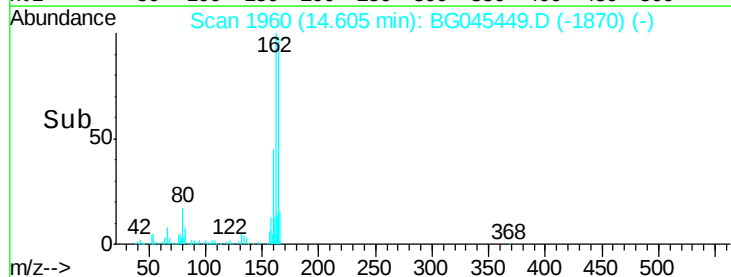
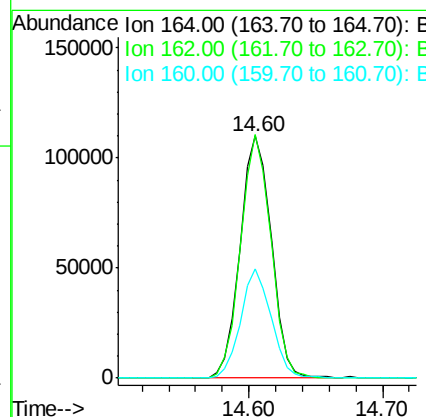
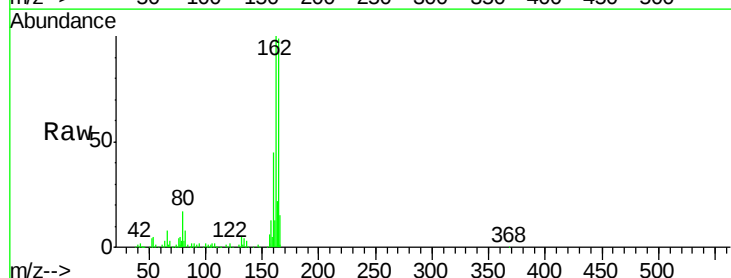
Instrument :
 BNA_G
 ClientSampleId :

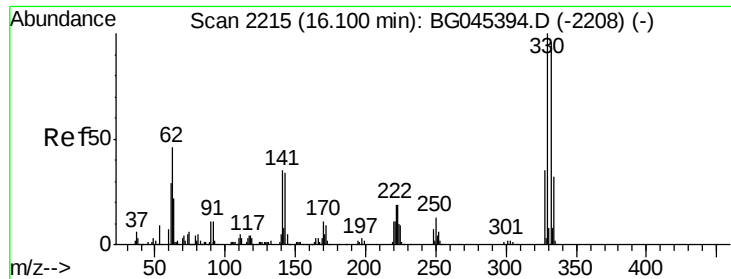
Tot Ion	82	Resp	448579
Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	39.9	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

Tgt Ion	164	Resp	178159
Ion	Ratio	Lower	Upper
164	100		
162	100.7	76.9	115.3
160	45.0	33.8	50.8

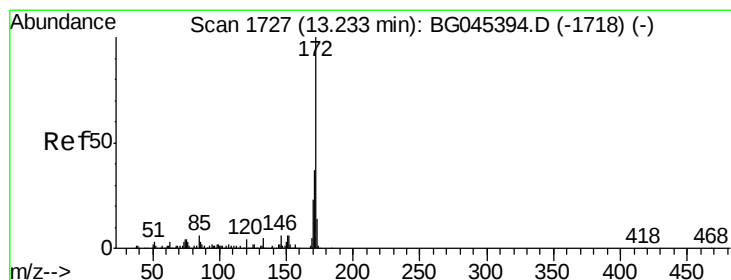
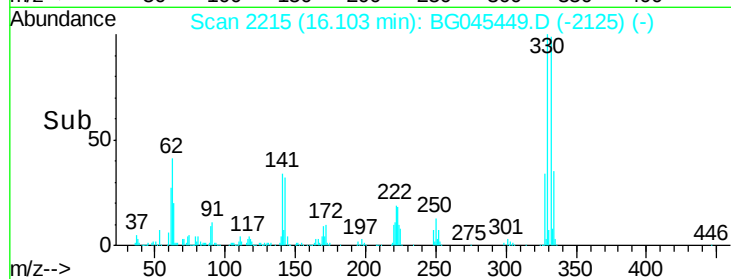
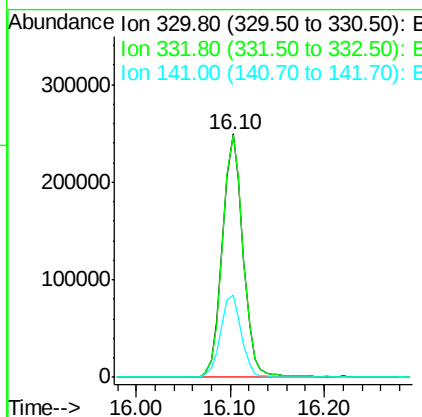
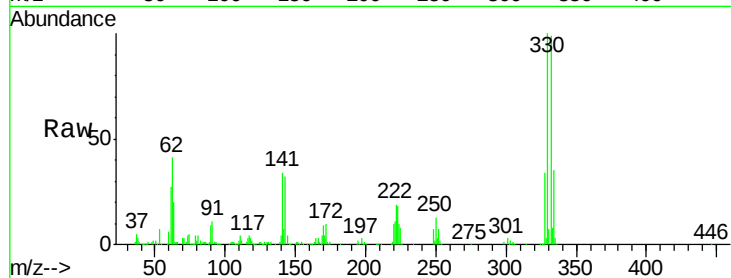




#42
 2,4,6-Tribromophenol
 Concen: 169.005 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

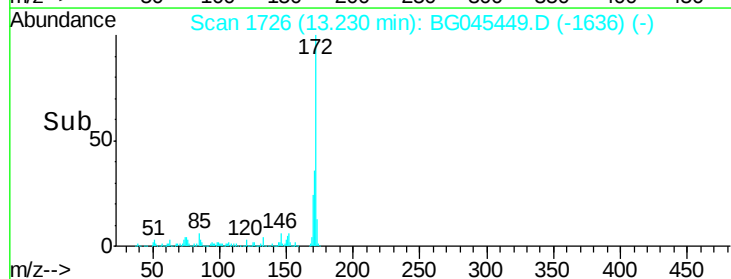
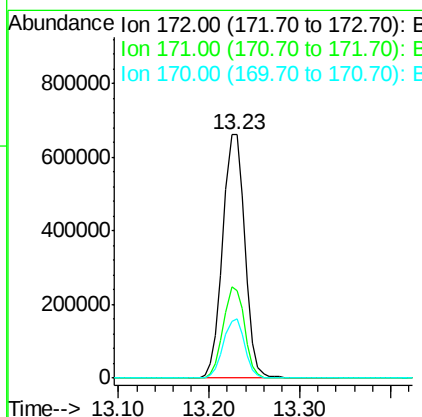
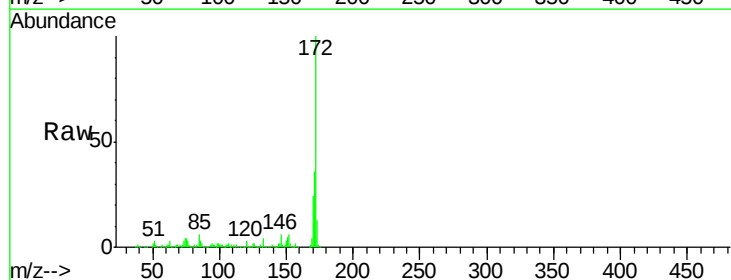
Instrument :
 BNA_G
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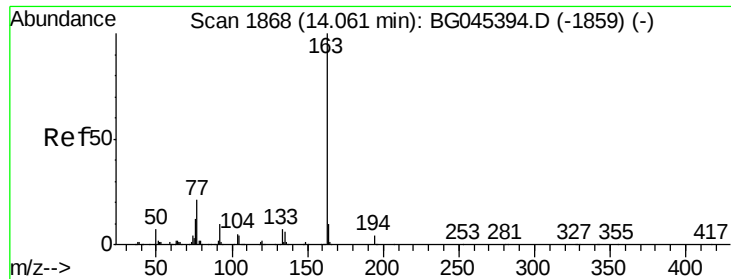
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	78.2	117.4
141	34.1	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 107.336 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.1	18.5	27.7





#50

Dimethylphthalate

Concen: 5.684 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

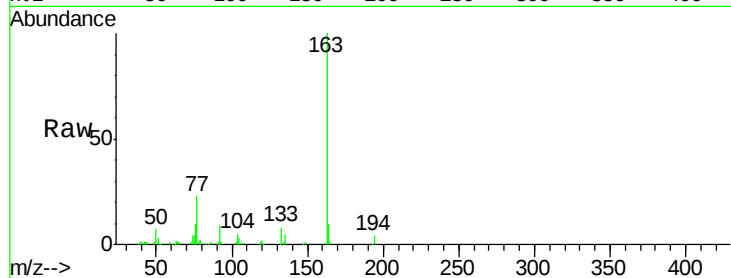
Tot Ion:163 Resp: 69472

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

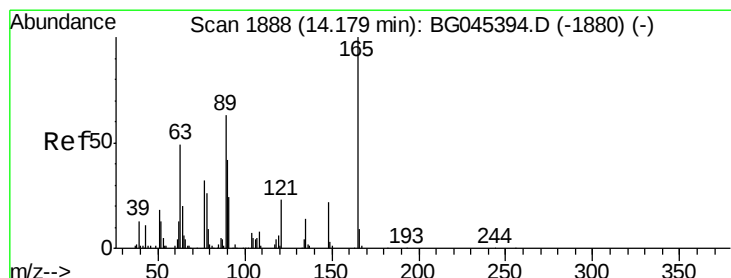
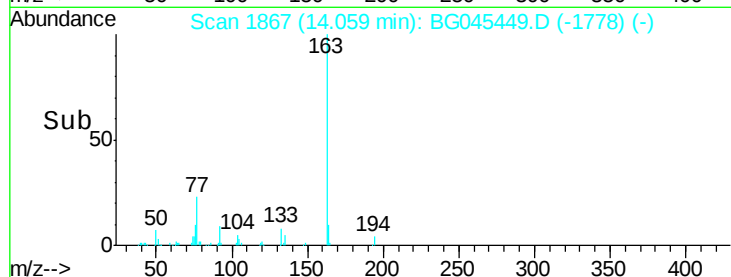
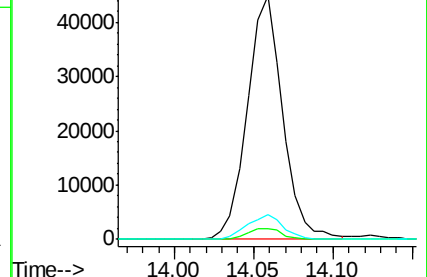
164 10.1 8.3 12.5



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



#51

2,6-Dinitrotoluene

Concen: 8.394 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.42 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

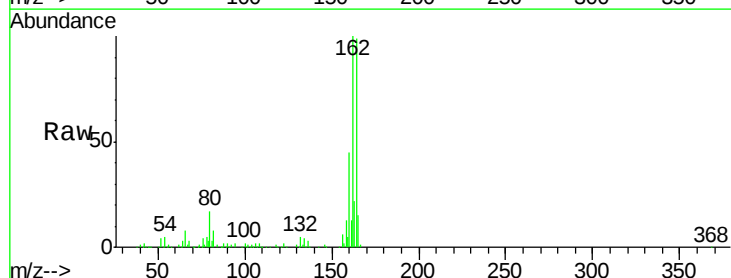
Tgt Ion:165 Resp: 23149

Ion Ratio Lower Upper

165 100

63 1.0 45.0 67.4#

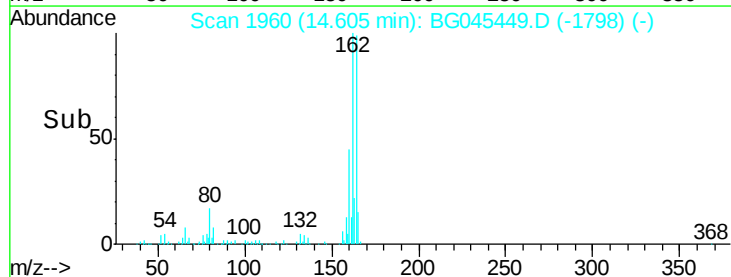
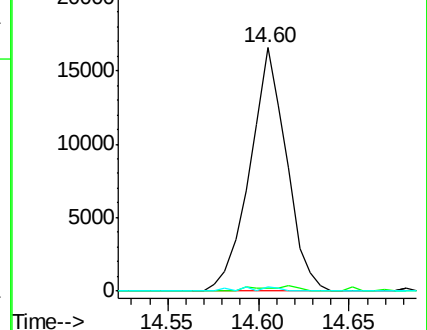
89 1.9 50.2 75.4#

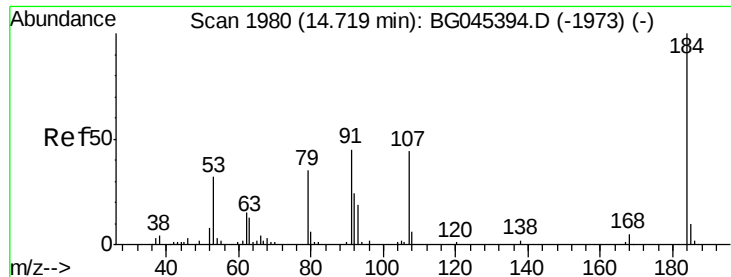


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

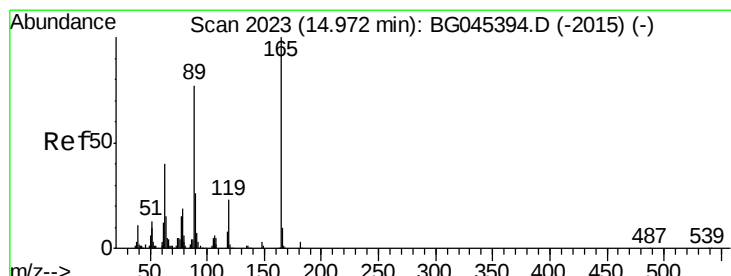
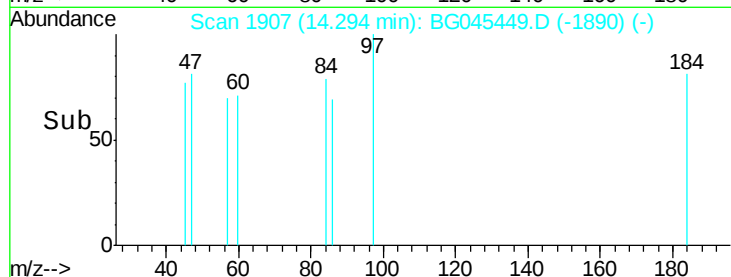
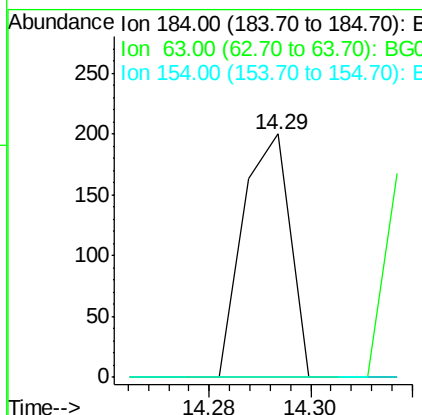
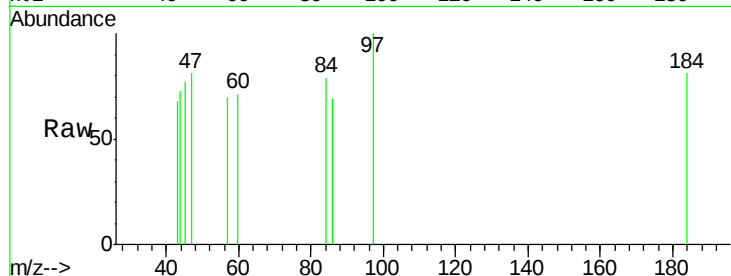




#54
 2,4-Dinitrophenol
 Concen: 5.525 ng
 RT: 14.29 min Scan# 1907
 Delta R.T. -0.43 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

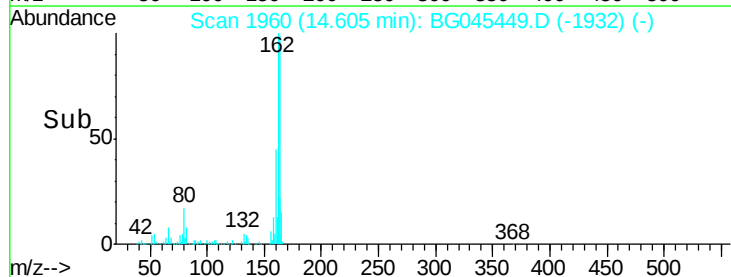
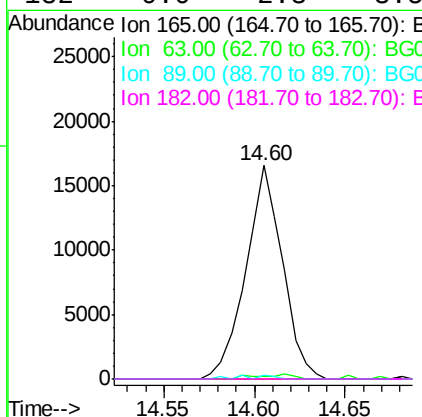
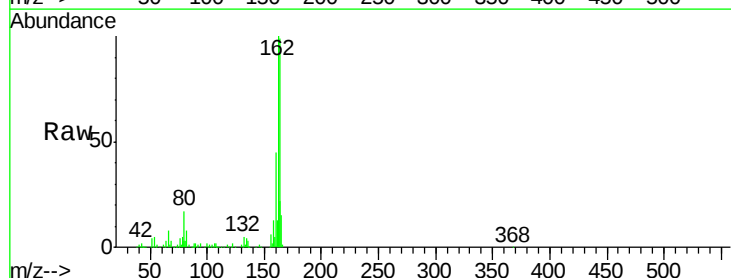
Instrument :
 BNA_G
 ClientSampleId :

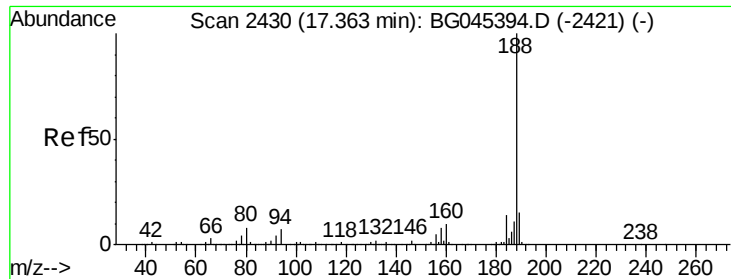
Tot Ion:184 Resp: 128
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.8 71.6#
 154 0.0 58.3 87.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.796 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.36 min
 Lab File: BG045449.D
 Acq: 21 May 2020 21:02

Tgt Ion:165 Resp: 23149
 Ion Ratio Lower Upper
 165 100
 63 1.0 32.5 48.7#
 89 1.9 61.8 92.6#
 182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

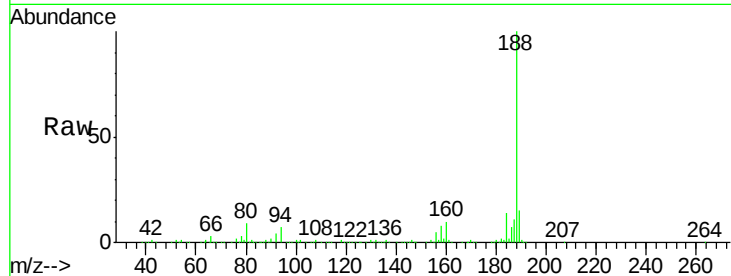
Tot Ion:188 Resp: 435404

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

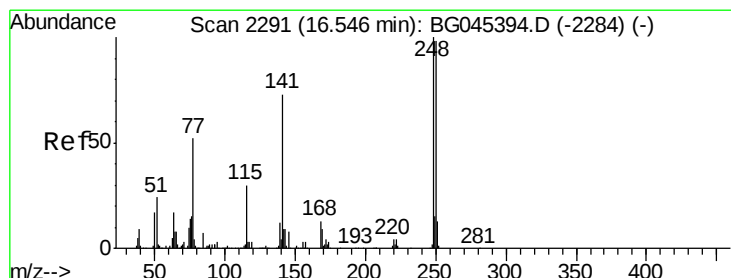
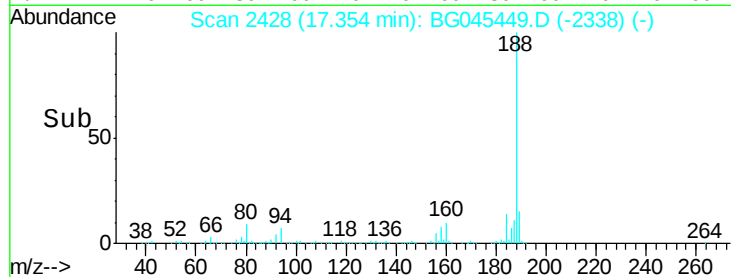
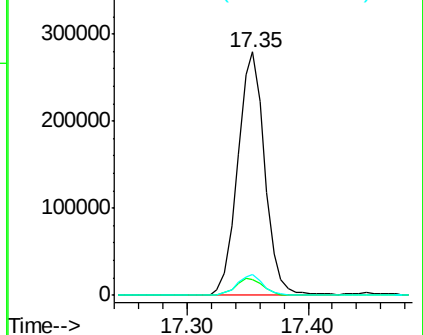
80 8.7 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 5.659 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.44 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

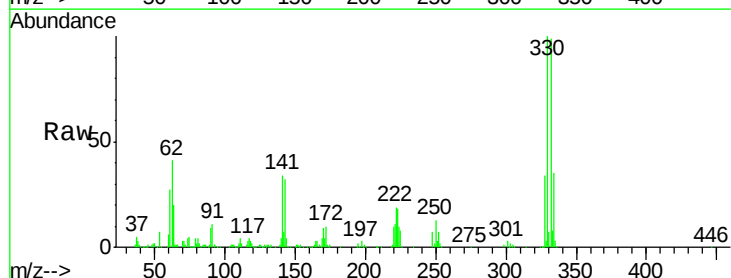
Tgt Ion:248 Resp: 26679

Ion Ratio Lower Upper

248 100

250 189.6 78.6 117.8#

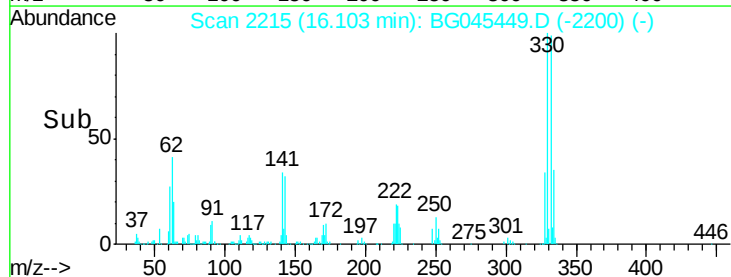
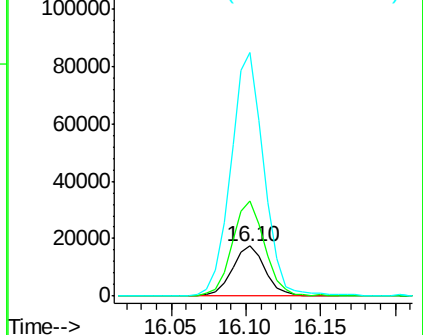
141 487.9 58.2 87.2#

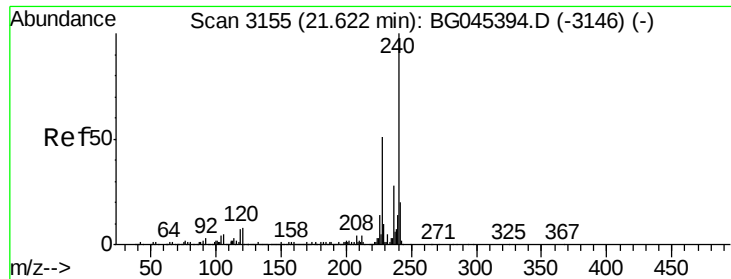


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

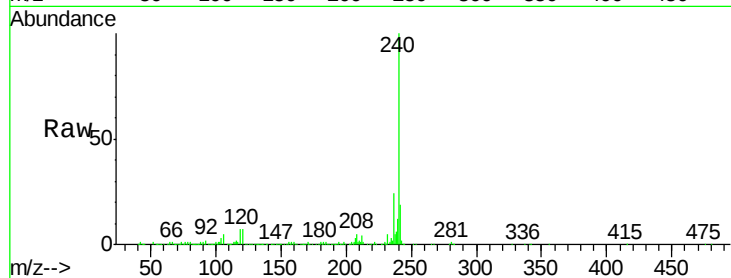
Tot Ion:240 Resp: 452354

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

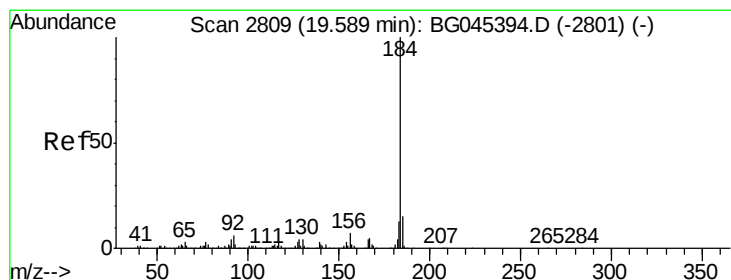
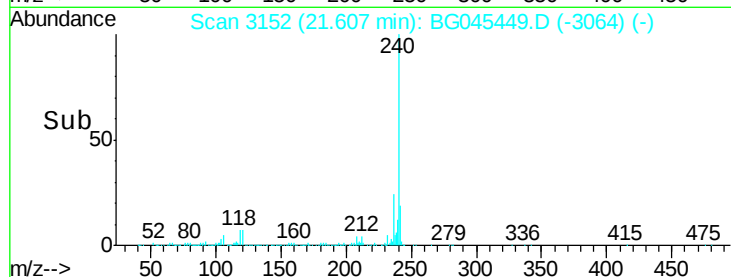
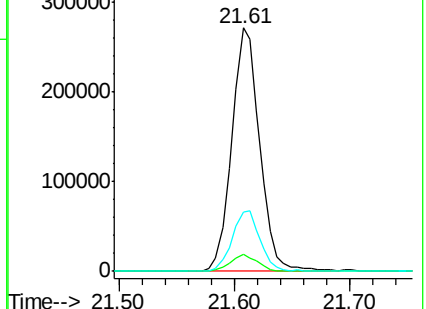
236 24.3 22.3 33.5



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: 3.099 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

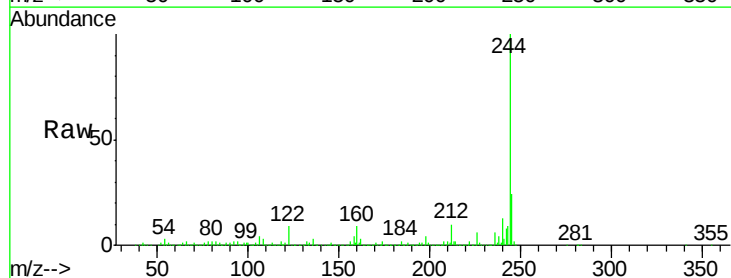
Tgt Ion:184 Resp: 39369

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

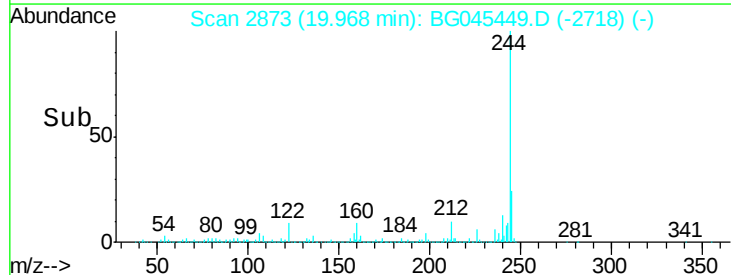
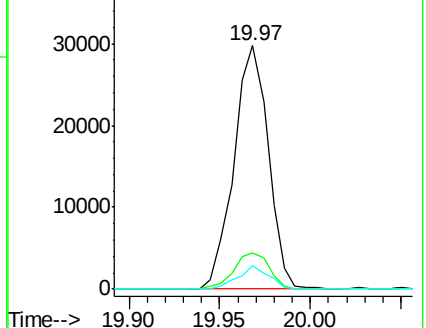
183 9.8 10.2 15.4#

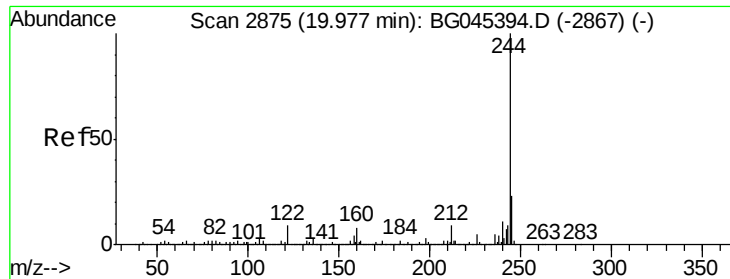


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 107.844 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

Instrument :

BNA_G

ClientSampleId :

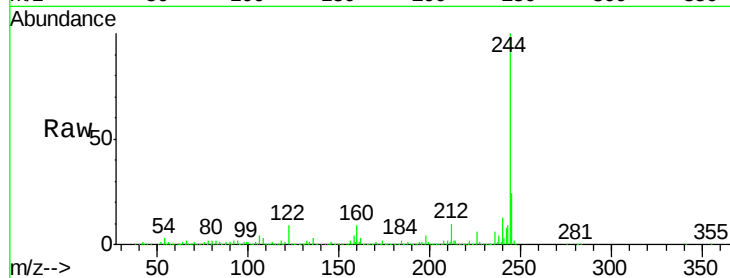
Tot Ion:244 Resp: 2091652

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

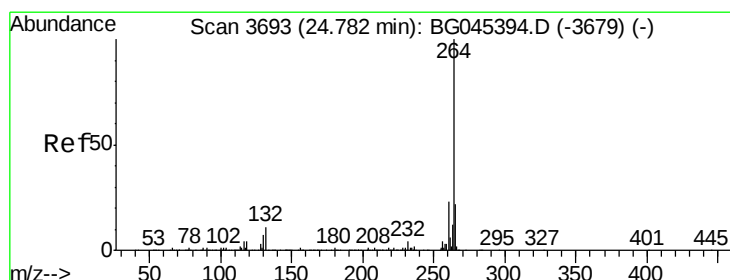
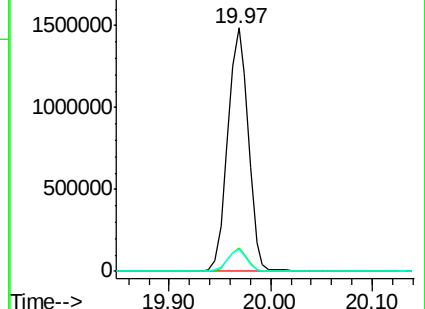
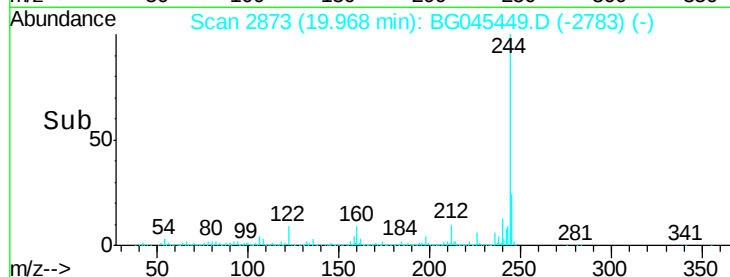
122 9.0 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG045449.D

Acq: 21 May 2020 21:02

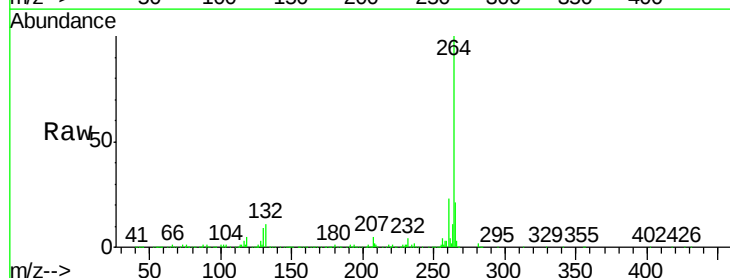
Tgt Ion:264 Resp: 479595

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.9 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

