

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045660.D
 Acq On : 9 Jun 2020 12:26
 Operator : CG/JU
 Sample : L2926-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-1-20200604

Quant Time: Jun 09 13:48:09 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

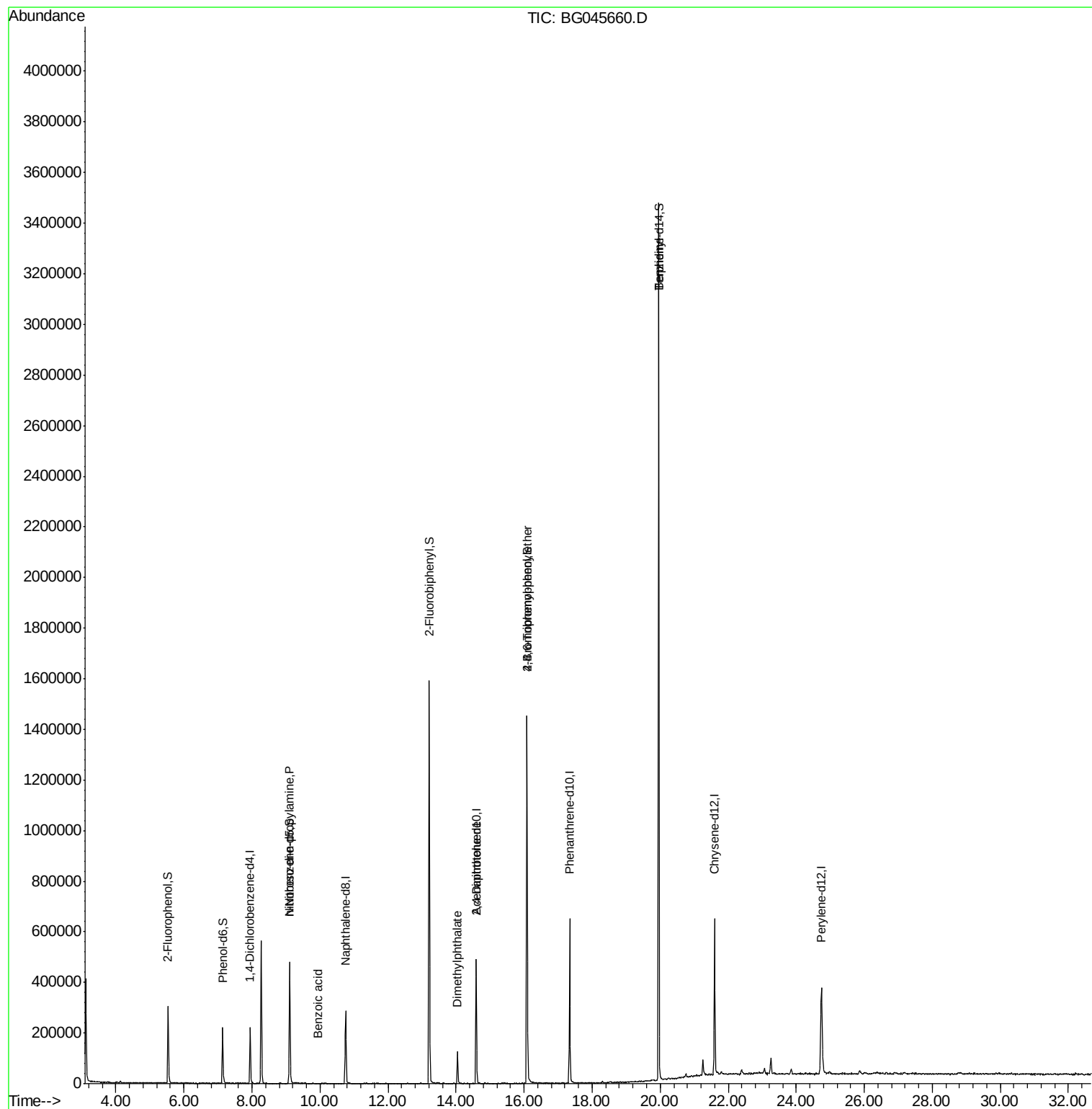
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66389	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	260835	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	180921	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	421815	20.00	ng	0.00
76) Chrysene-d12	21.60	240	401485	20.00	ng	0.00
87) Perylene-d12	24.74	264	418860	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	150173	44.21	ng	0.00
7) Phenol-d6	7.14	99	152739	31.59	ng	-0.01
23) Nitrobenzene-d5	9.11	82	339099	70.89	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	312267	134.96	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	873469	81.89	ng	0.00
79) Terphenyl-d14	19.96	244	1753260	101.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	48371	14.467	ng	# 84
32) Benzoic acid	9.94	122	55	10.042	ng	# 1
50) Dimethylphthalate	14.04	163	91212	7.349	ng	98
57) 2,4-Dinitrotoluene	14.59	165	23893	5.891	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	21549	4.718	ng	# 1
77) Benzidine	19.96	184	34731	3.080	ng	# 93

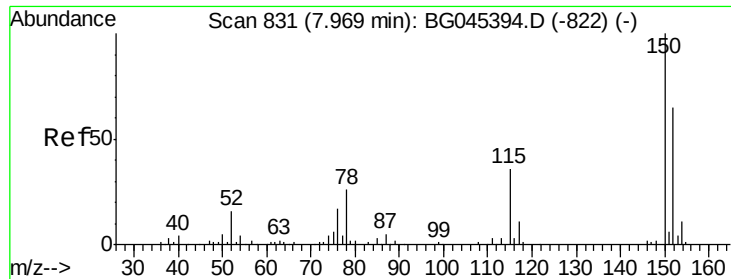
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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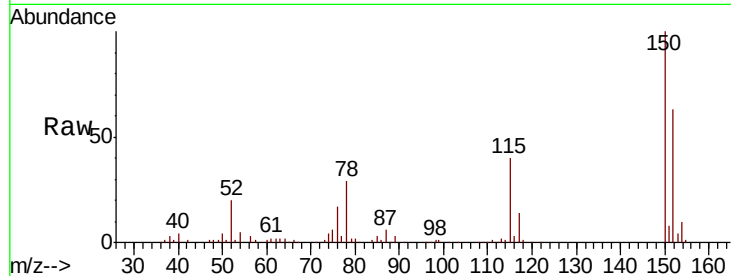


#1

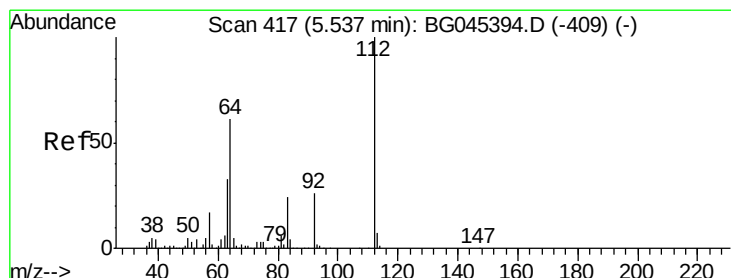
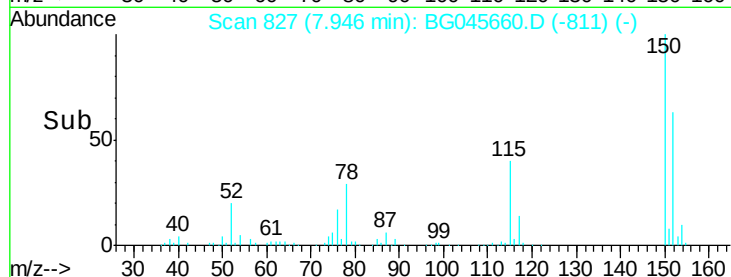
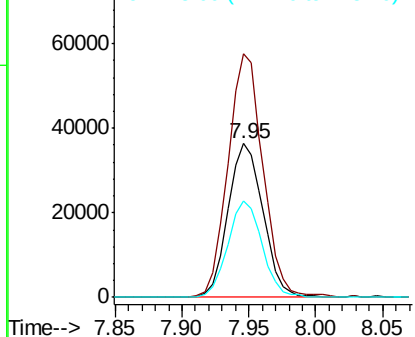
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

Instrument :
BNA_G
ClientSampleId :
TANK-1-20200604

Tot Ion:152 Resp: 66389
Ion Ratio Lower Upper
152 100
150 158.2 122.4 183.6
115 62.6 44.2 66.4



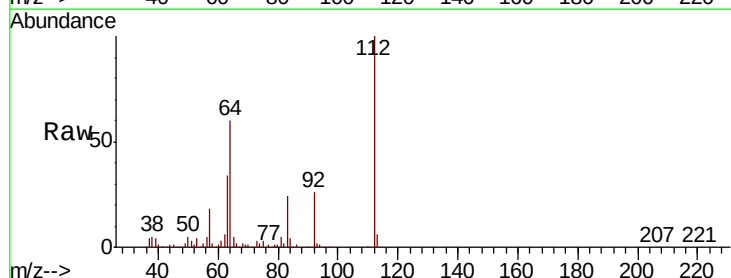
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



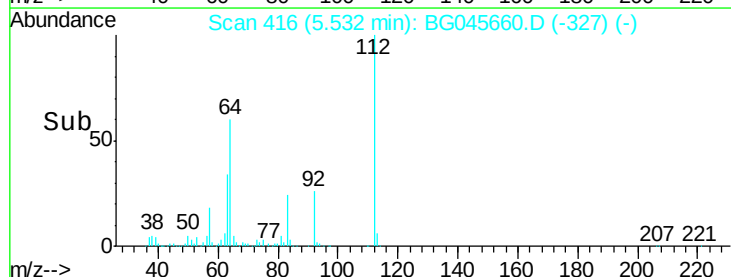
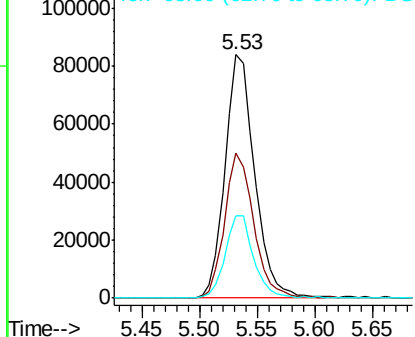
#5

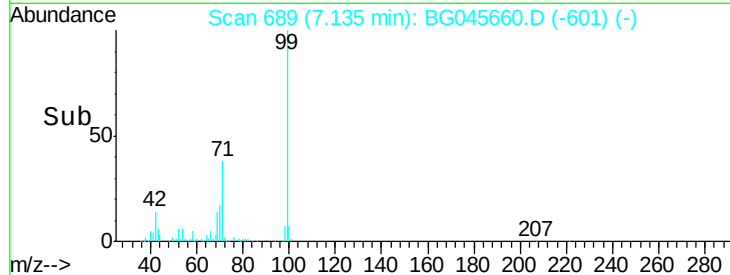
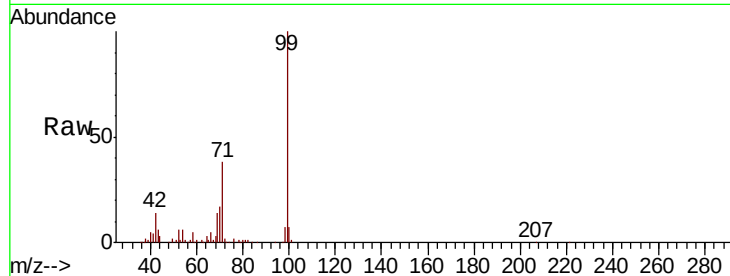
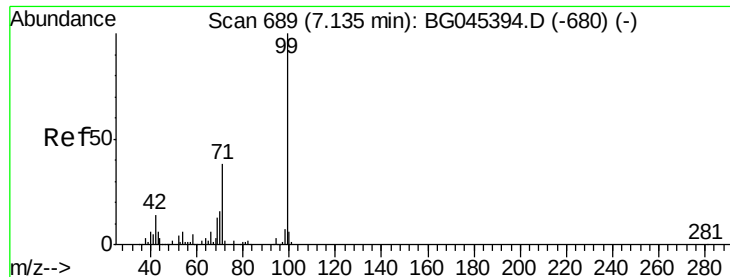
2-Fluorophenol
Concen: 44.207 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

Tgt Ion:112 Resp: 150173
Ion Ratio Lower Upper
112 100
64 59.7 48.6 72.8
63 33.9 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: 31.590 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

Instrument :

BNA_G

ClientSampleId :

TANK-1-20200604

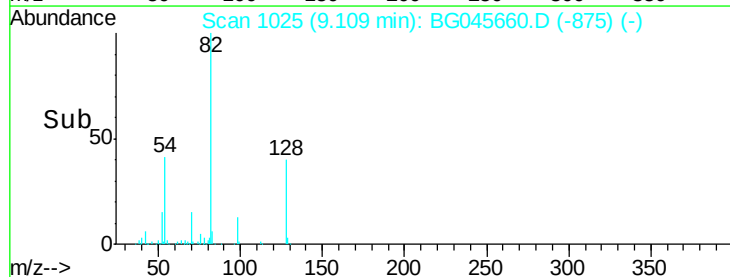
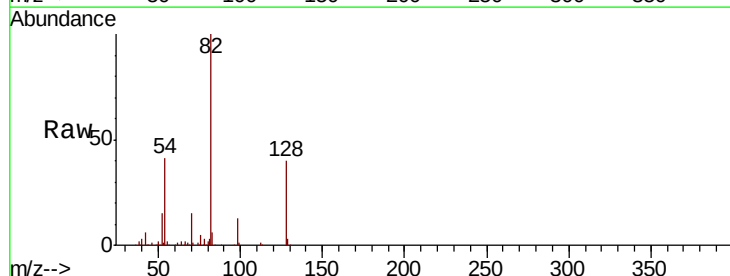
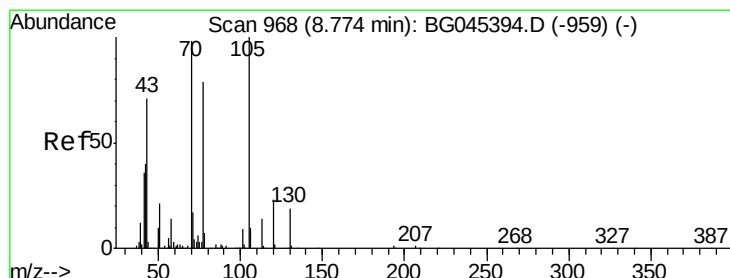
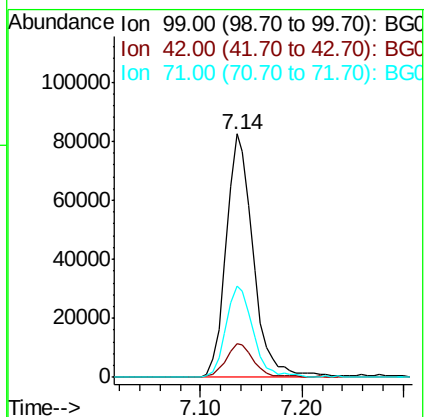
Tot Ion: 99 Resp: 152739

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

71 37.5 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.467 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

Tgt Ion: 70 Resp: 48371

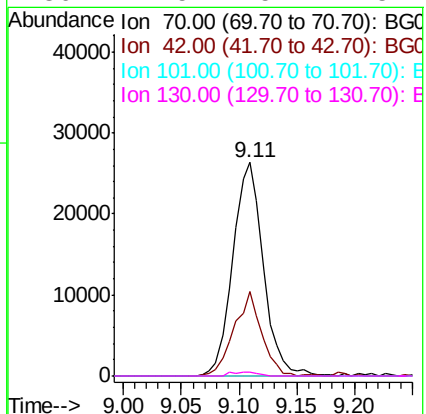
Ion Ratio Lower Upper

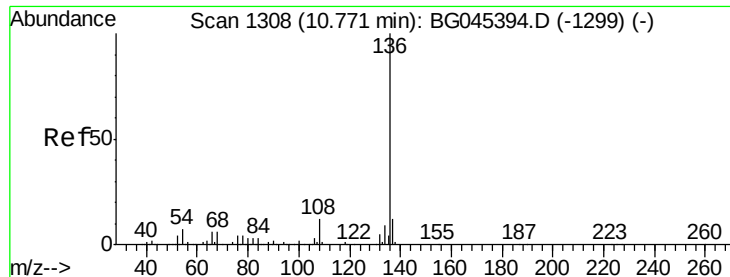
70 100

42 39.8 33.2 49.8

101 0.0 7.8 11.6#

130 1.5 15.4 23.2#

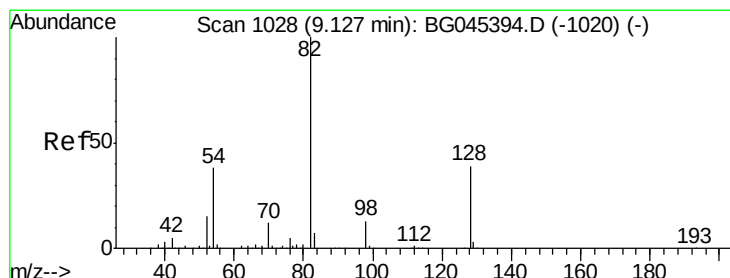
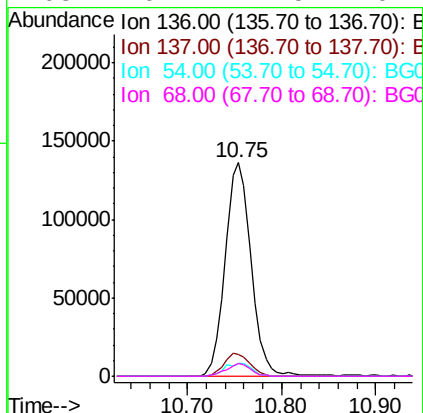
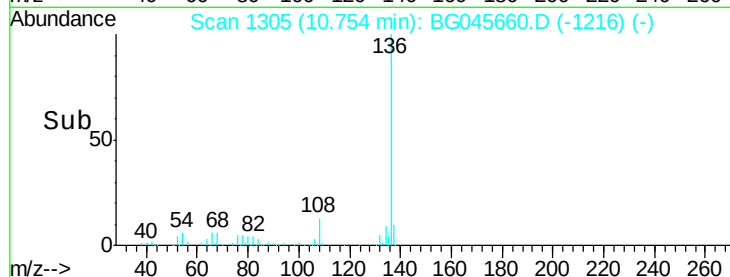
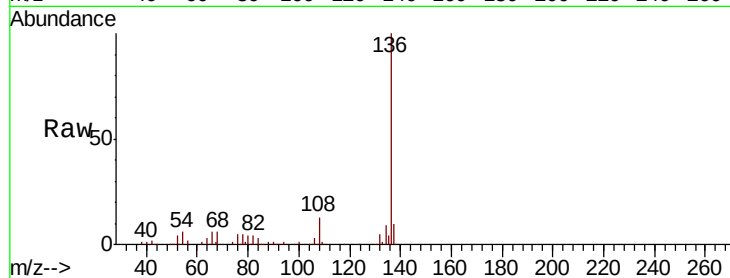




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

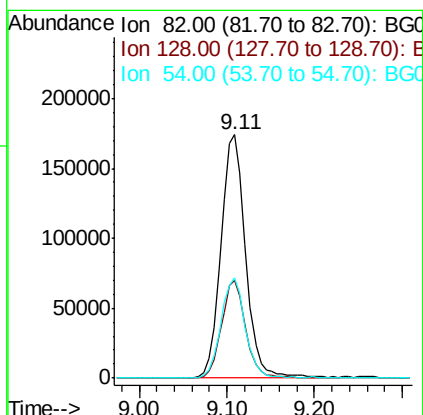
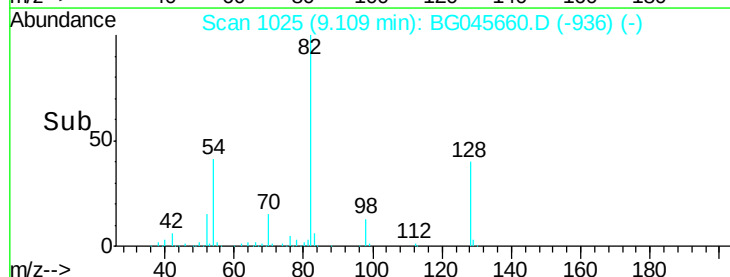
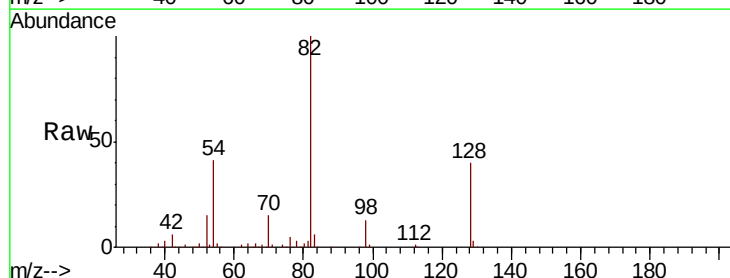
Instrument :
BNA_G
ClientSampleId :
TANK-1-20200604

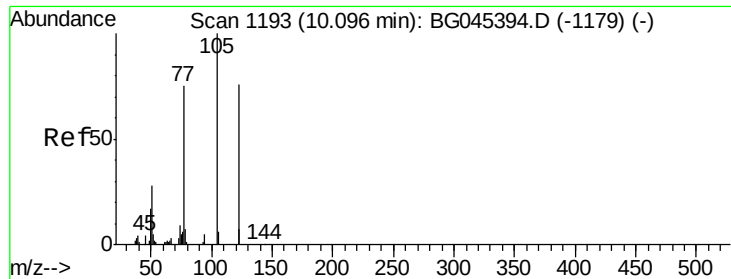
Tot Ion:136	Resp: 260835
Ion Ratio	Lower Upper
136 100	
137 10.5	9.4 14.2
54 6.3	5.8 8.6
68 6.2	4.5 6.7



#23
Nitrobenzene-d5
Concen: 70.894 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

Tgt Ion	82	Resp: 339099	
	Ratio	Lower	Upper
82	100		
128	40.2	30.9	46.3
54	40.9	30.3	45.5

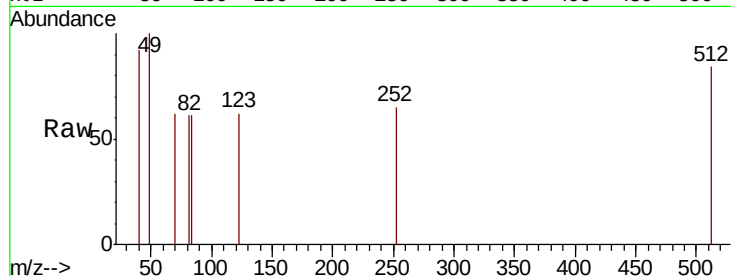




#32
Benzoic acid
Concen: 10.042 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.18 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

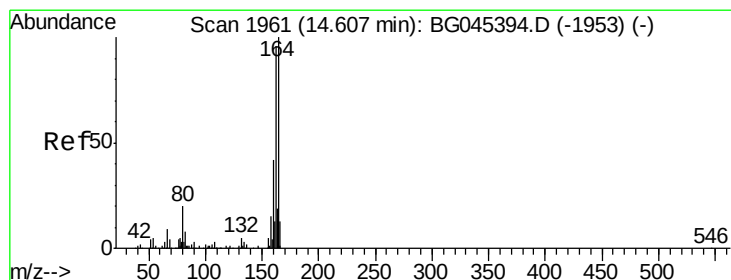
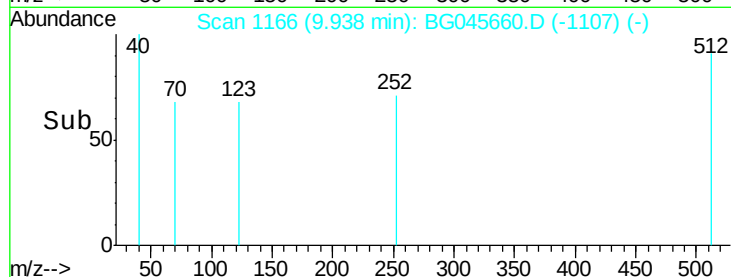
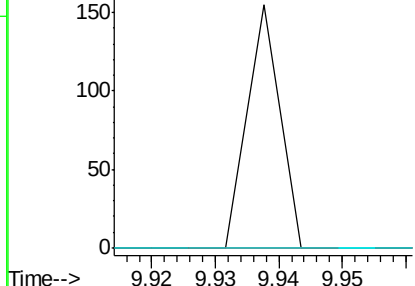
Instrument :
BNA_G
ClientSampleId :
TANK-1-20200604

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



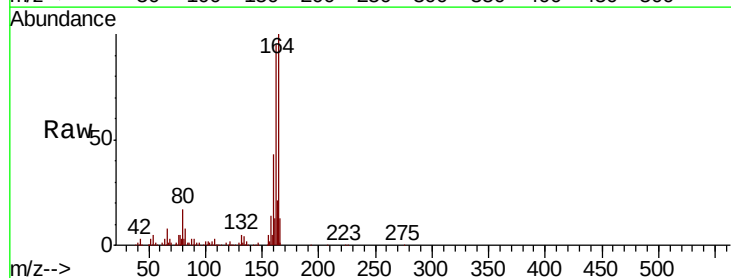
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

9.94



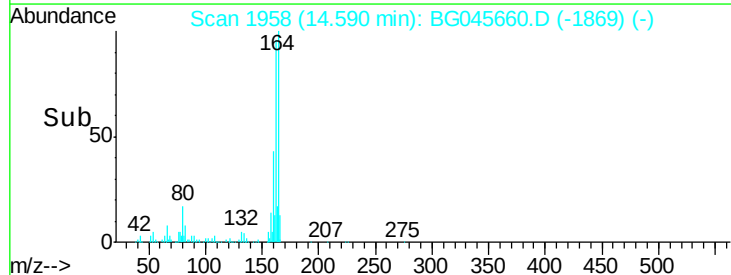
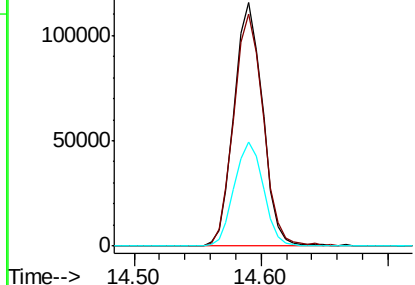
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

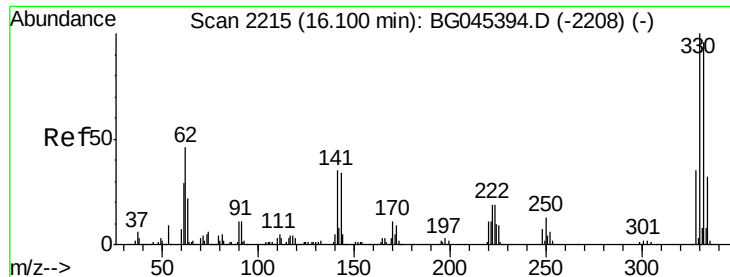
Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	76.9	115.3
160	43.0	33.8	50.8



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

14.59

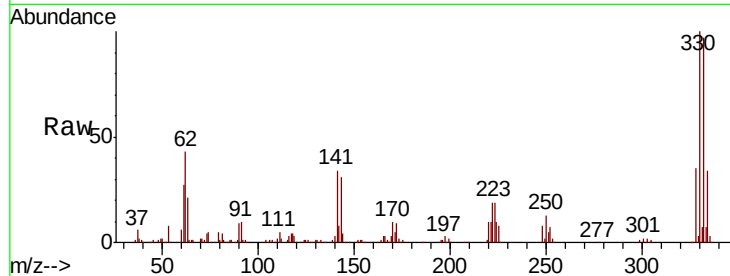




#42
 2,4,6-Tribromophenol
 Concen: 134.960 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045660.D
 Acq: 9 Jun 2020 12:26

Instrument :
 BNA_G
 ClientSampleId :
 TANK-1-20200604

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.4
141	34.8	28.2	42.4

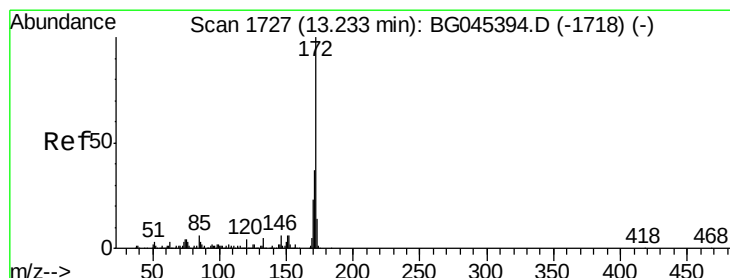
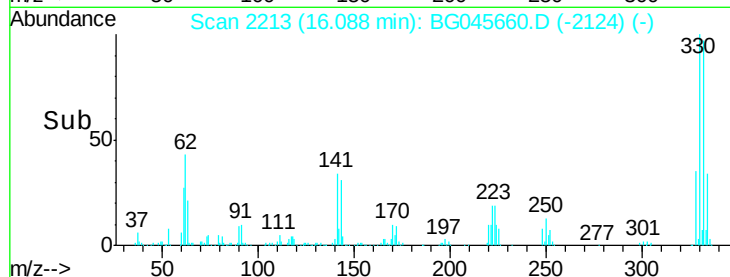
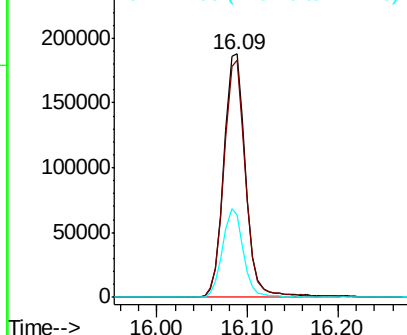


Abundance

Ion 329.80 (329.50 to 330.50): E

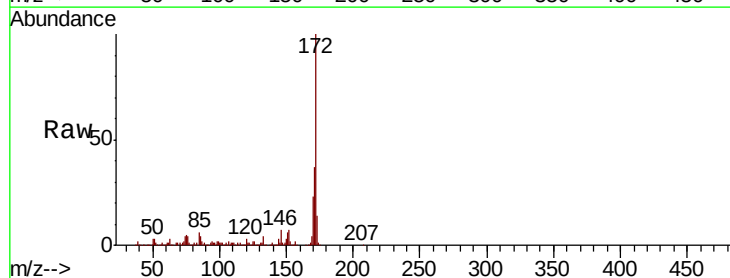
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.891 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG045660.D
 Acq: 9 Jun 2020 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	23.3	18.5	27.7

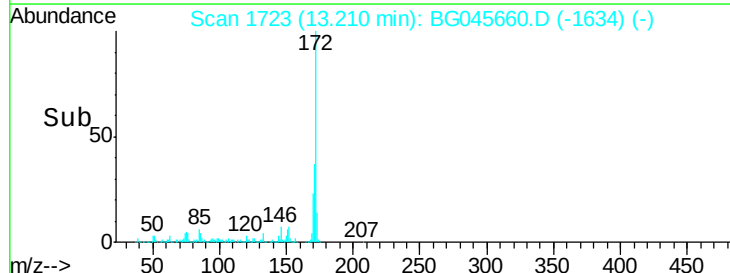
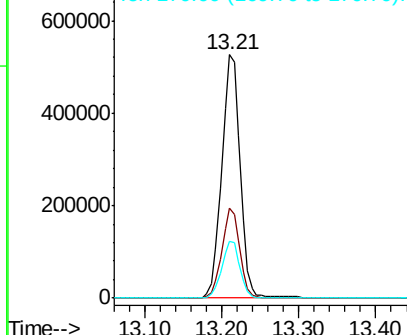


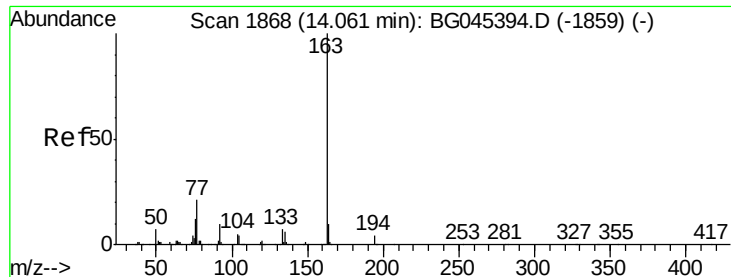
Abundance

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





#50

Dimethylphthalate

Concen: 7.349 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

Instrument :

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ClientSampleId :

TANK-1-20200604

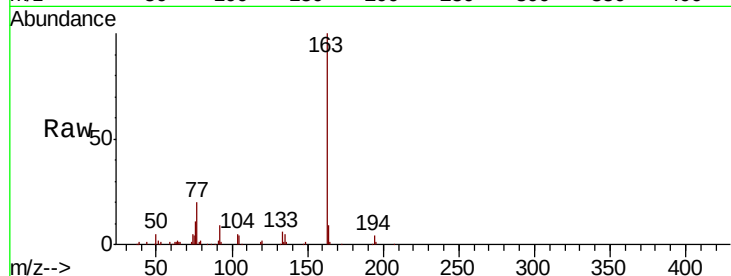
Tot Ion:163 Resp: 91212

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

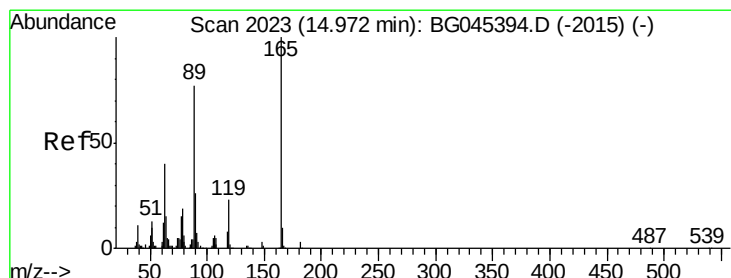
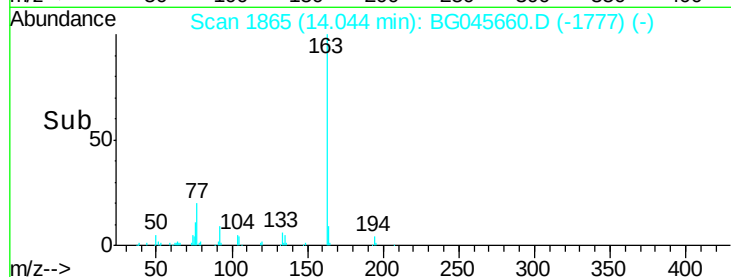
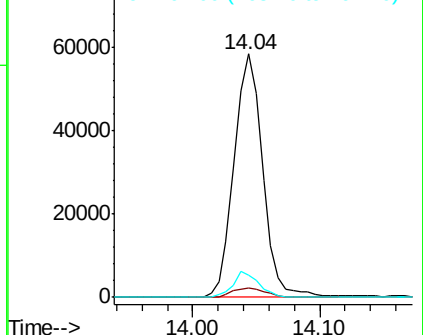
164 9.4 8.3 12.5



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



#57

2,4-Dinitrotoluene

Concen: 5.891 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

Tgt Ion:165 Resp: 23893

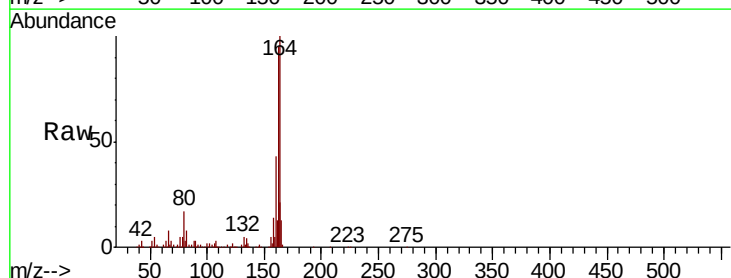
Ion Ratio Lower Upper

165 100

63 2.0 32.5 48.7#

89 1.8 61.8 92.6#

182 0.0 2.3 3.5#

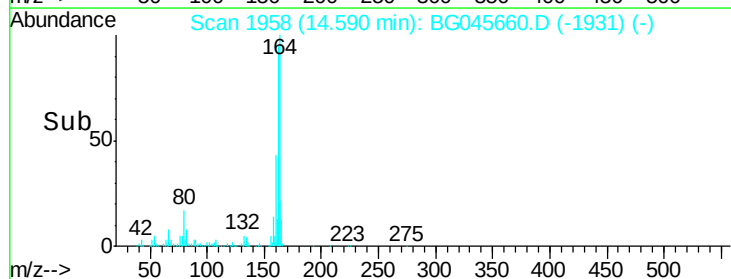
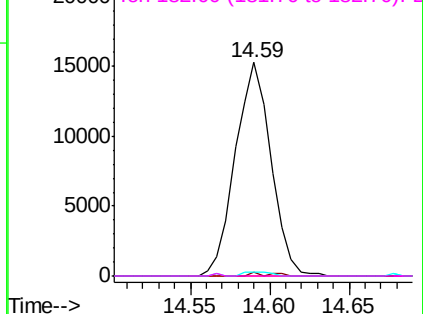


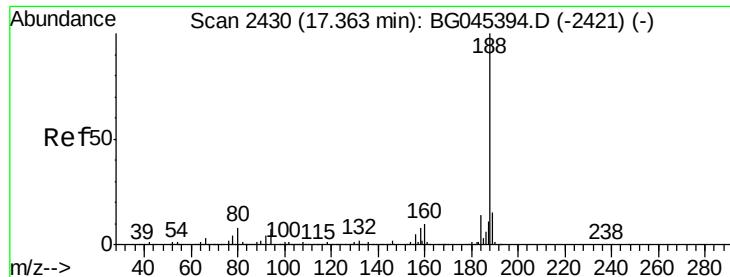
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

Instrument :

BNA_G

ClientSampleId :

TANK-1-20200604

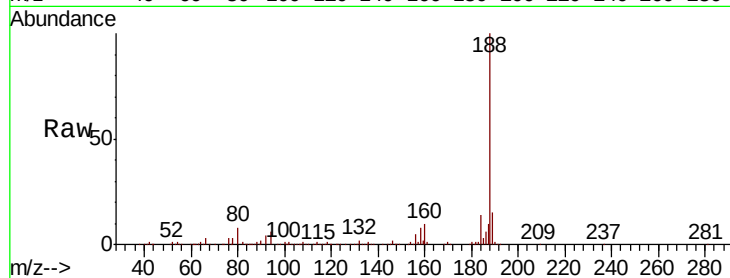
Tot Ion:188 Resp: 421815

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

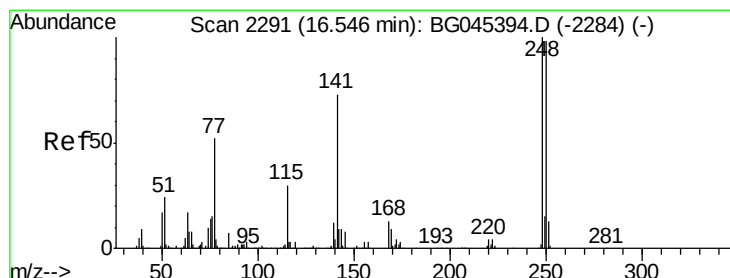
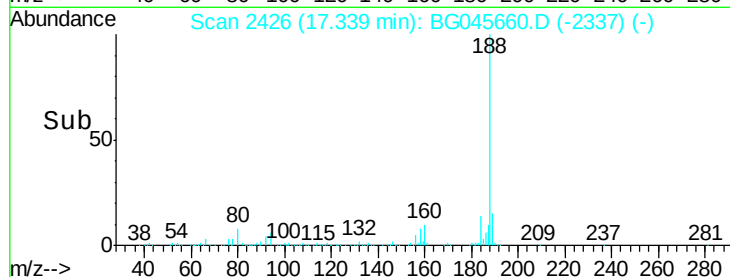
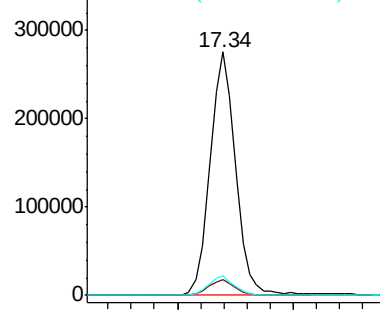
80 7.9 6.6 10.0



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: 4.718 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.45 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

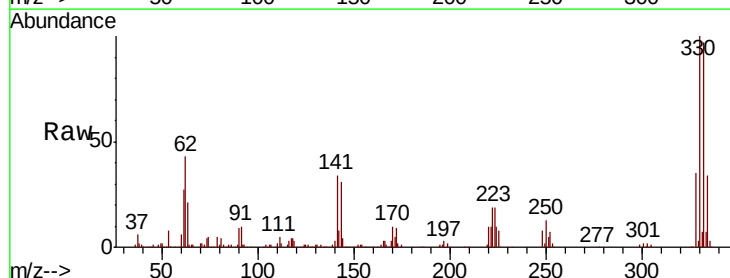
Tgt Ion:248 Resp: 21549

Ion Ratio Lower Upper

248 100

250 173.6 78.6 117.8#

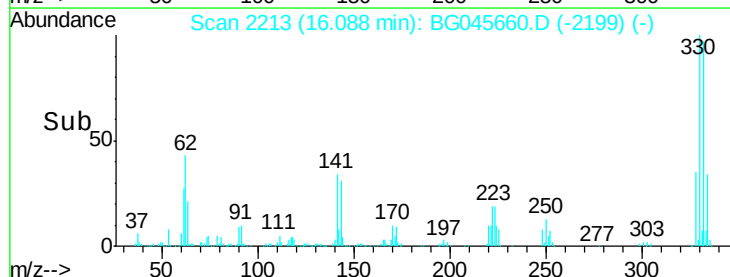
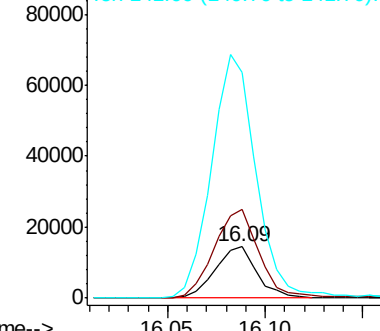
141 439.7 58.2 87.2#

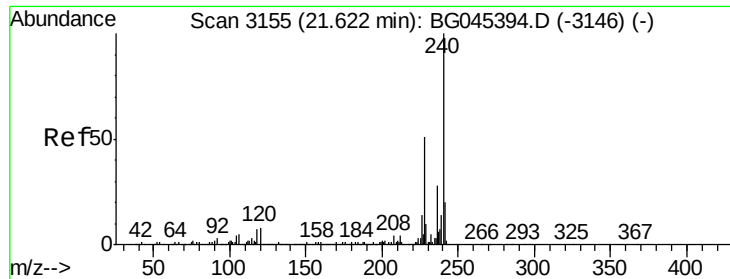


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

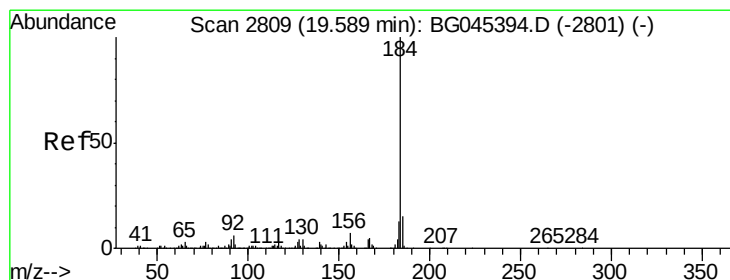
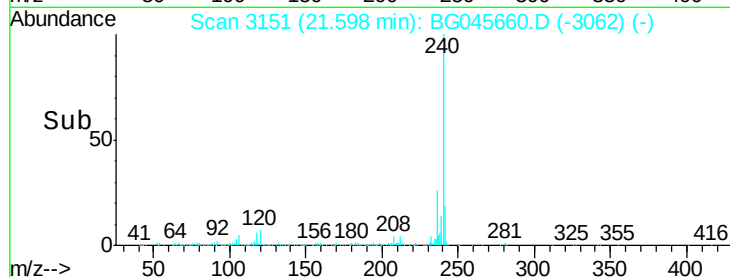
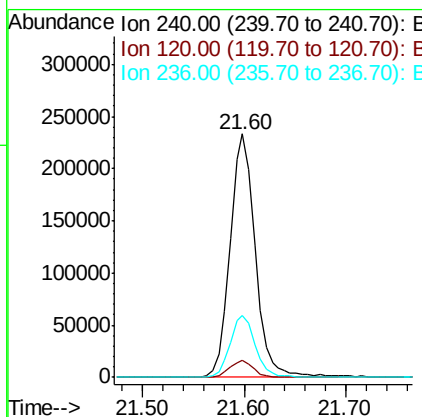
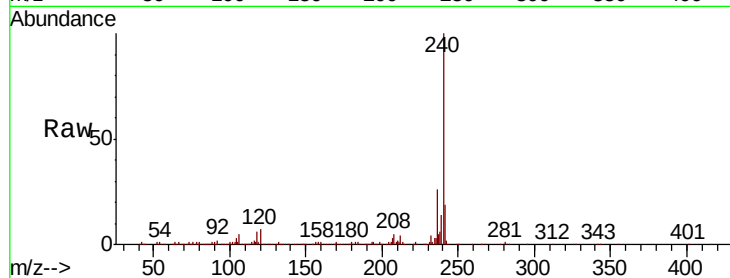




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

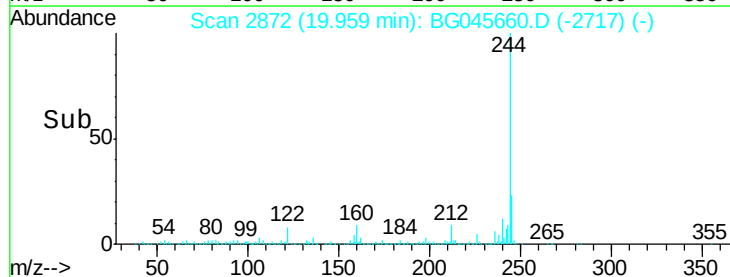
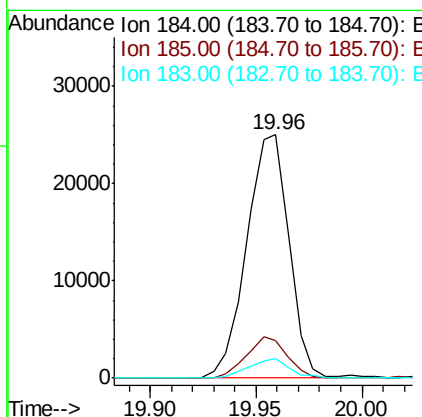
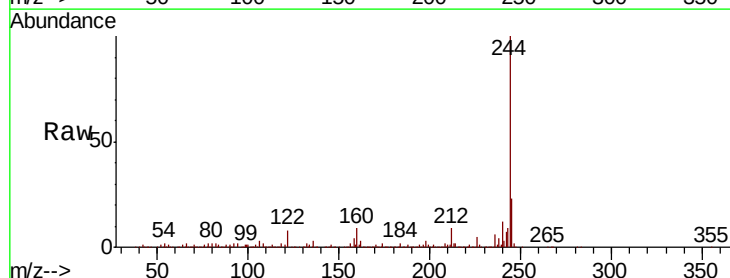
Instrument :
BNA_G
ClientSampleId :
TANK-1-20200604

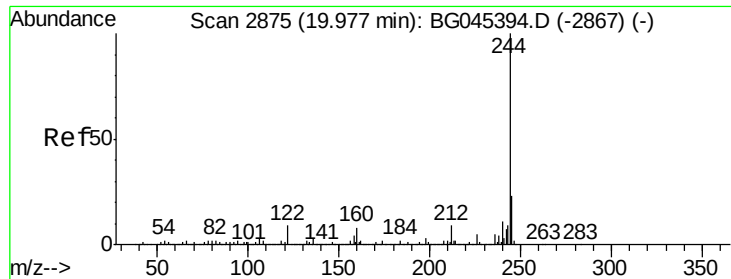
Tot Ion:240 Resp: 401485
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.7 22.3 33.5



#77
Benzidine
Concen: 3.080 ng
RT: 19.96 min Scan# 2872
Delta R.T. 0.38 min
Lab File: BG045660.D
Acq: 9 Jun 2020 12:26

Tgt Ion:184 Resp: 34731
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 8.0 10.2 15.4#





#79

Terphenyl-d14

Concen: 101.850 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

Instrument :

BNA_G

ClientSampleId :

TANK-1-20200604

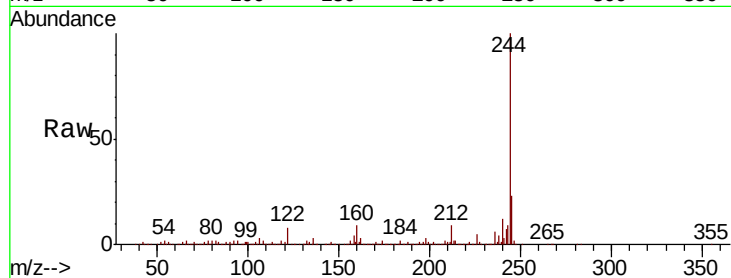
Tot Ion:244 Resp: 1753260

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

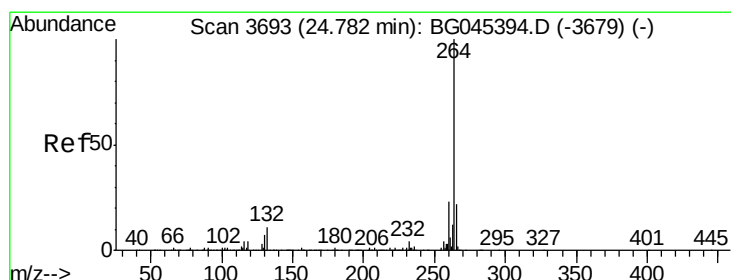
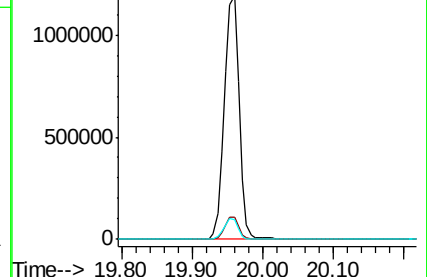
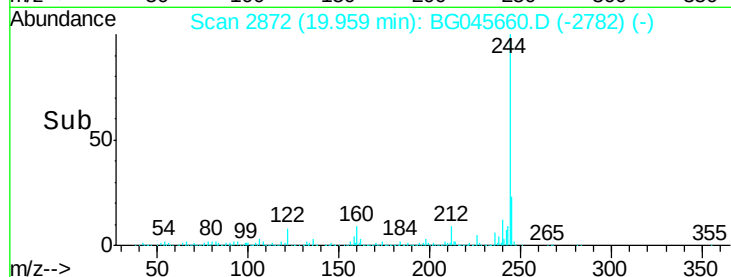
122 8.1 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045660.D

Acq: 9 Jun 2020 12:26

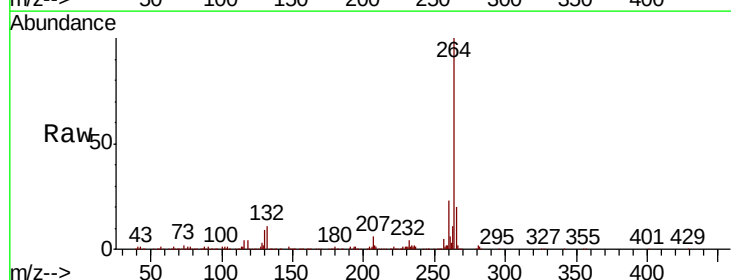
Tgt Ion:264 Resp: 418860

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.4 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

