

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044995.D
 Acq On : 15 Apr 2020 23:36
 Operator : CG/JU
 Sample : L2252-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH-SEDIMENT-PIT

Quant Time: Apr 16 05:04:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66939	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280157	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	207355	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496196	20.00	ng	0.00
76) Chrysene-d12	21.66	240	485821	20.00	ng	0.00
87) Perylene-d12	24.85	264	526823	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	562335	138.69	ng	0.00
7) Phenol-d6	7.19	99	785403	130.38	ng	0.00
23) Nitrobenzene-d5	9.18	82	647585	105.47	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	544739	170.05	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1527997	108.05	ng	0.00
79) Terphenyl-d14	20.01	244	2534872	113.72	ng	0.00

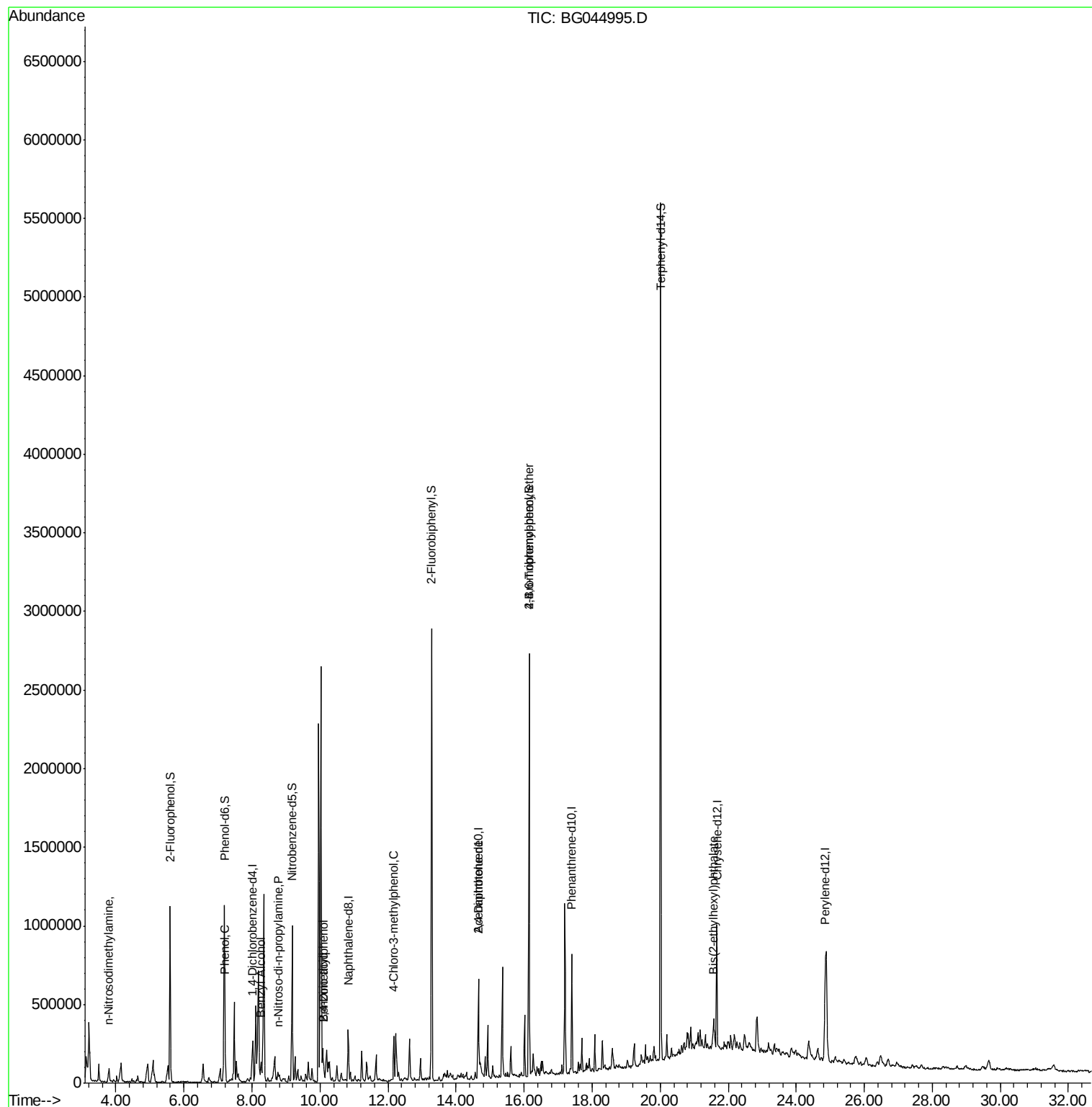
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.79	42	9804	5.768	ng	# 1
9) Benzaldehyde	7.15	77	2106	Below Cal		# 71
10) Phenol	7.21	94	102111	16.939	ng	98
15) Benzyl Alcohol	8.26	79	35475	7.024	ng	92
19) n-Nitroso-di-n-propylamine	8.77	70	14161	3.324	ng	# 83
27) 2,4-Dimethylphenol	10.11	122	51122	11.885	ng	# 3
32) Benzoic acid	10.11	122	51122	19.132	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	68277	11.702	ng	# 22
57) 2,4-Dinitrotoluene	14.65	165	26741	4.845	ng	# 25
67) 4-Bromophenyl-phenylether	16.15	248	37138	5.802	ng	# 1
69) Atrazine	16.85	200	150	Below Cal		# 7
74) Di-n-butylphthalate	18.37	149	6171	Below Cal		# 91
75) Fluoranthene	19.81	202	3891	Below Cal		79
77) Benzidine	20.01	184	51986	Below Cal		# 86
84) Bis(2-ethylhexyl)phthalate	21.57	149	112232	5.878	ng	# 94

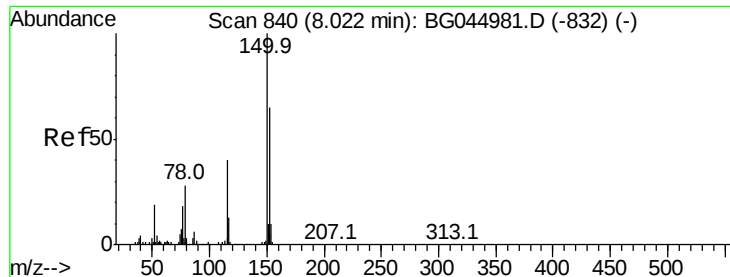
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044995.D
Acq On : 15 Apr 2020 23:36
Operator : CG/JU
Sample : L2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SEDIMENT-PIT

Quant Time: Apr 16 05:04:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration



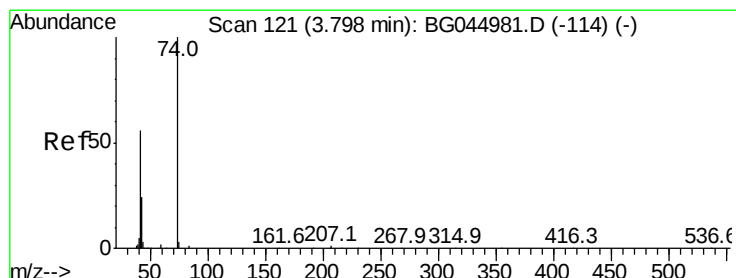
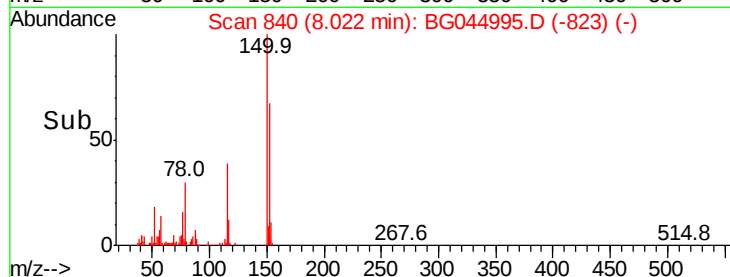
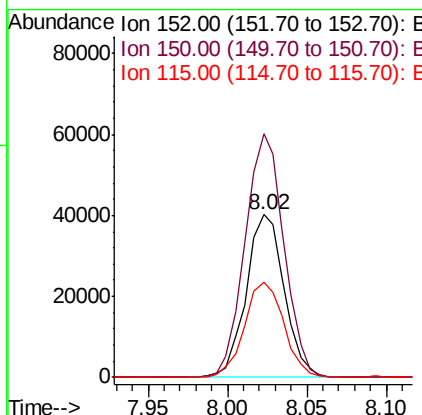
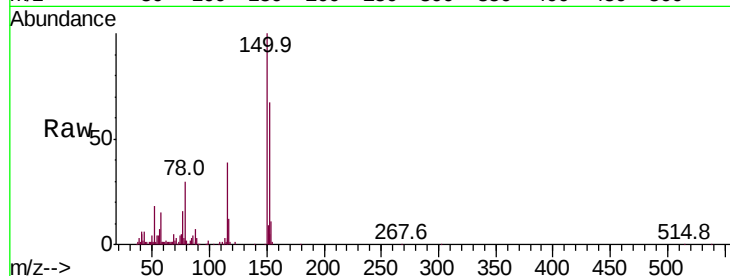


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SEDIMENT-PIT

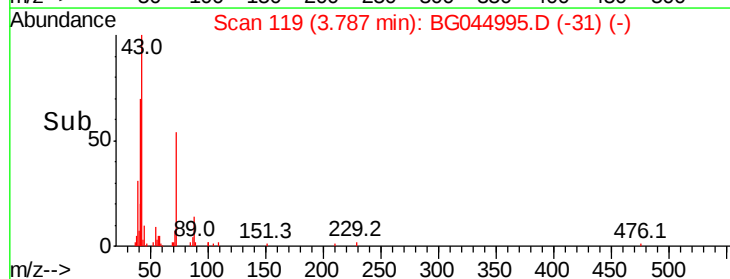
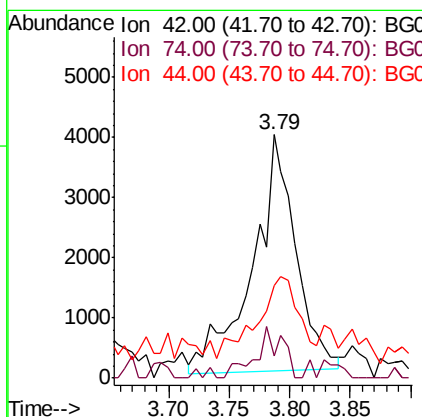
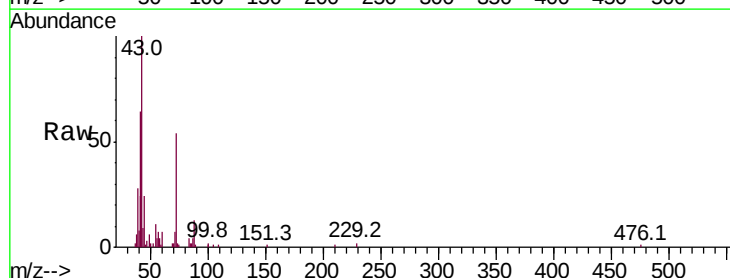
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.6	185.4
115	58.7	49.1	73.7

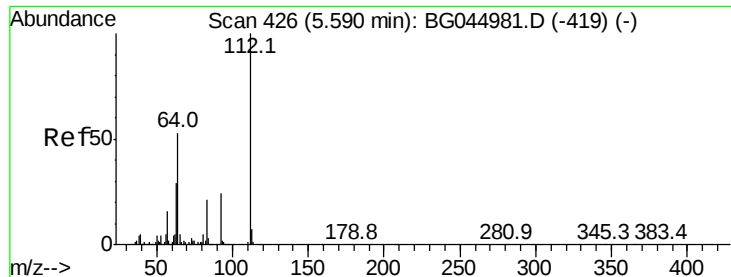


#4

n-Nitrosodimethylamine
Concen: 5.768 ng
RT: 3.79 min Scan# 119
Delta R.T. -0.01 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	9.3	143.0	214.6#
44	38.2	4.6	6.8#





#5

2-Fluorophenol

Concen: 138.691 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

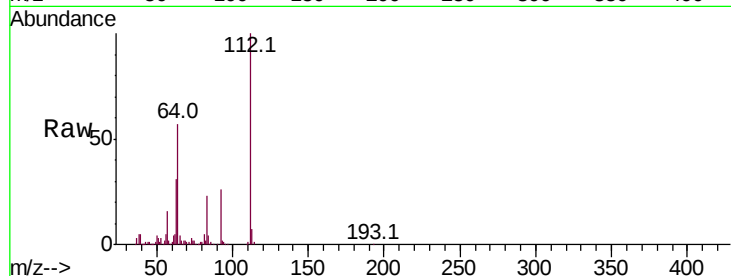
Tot Ion: 112 Resp: 562335

Ion Ratio Lower Upper

112 100

64 57.0 42.4 63.6

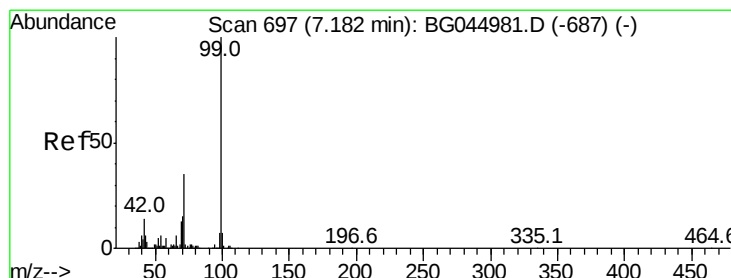
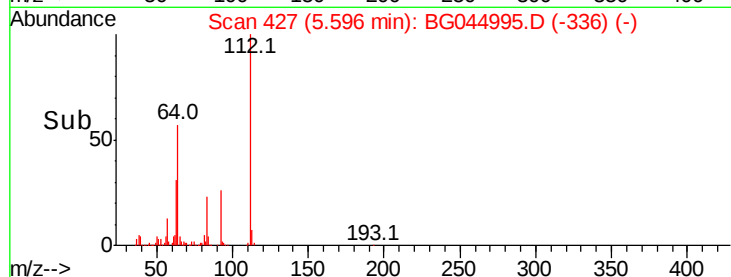
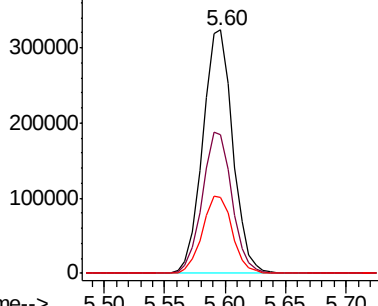
63 31.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 130.377 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

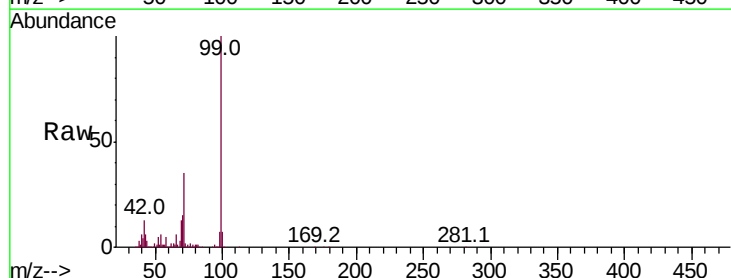
Tgt Ion: 99 Resp: 785403

Ion Ratio Lower Upper

99 100

42 12.8 11.3 16.9

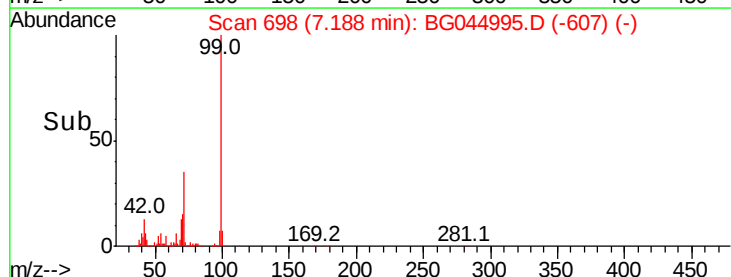
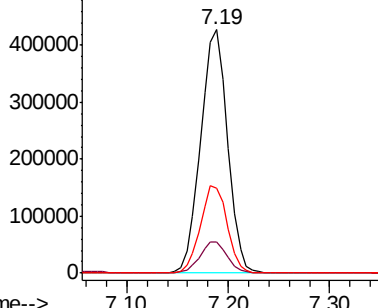
71 34.9 28.3 42.5

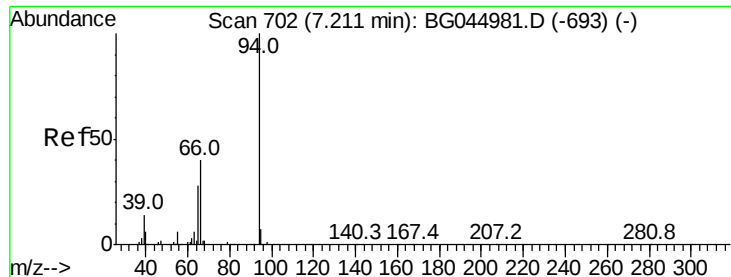


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 16.939 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

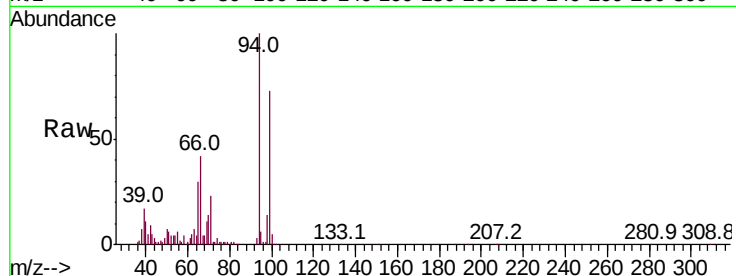
Tot Ion: 94 Resp: 102111

Ion Ratio Lower Upper

94 100

65 29.6 8.2 48.2

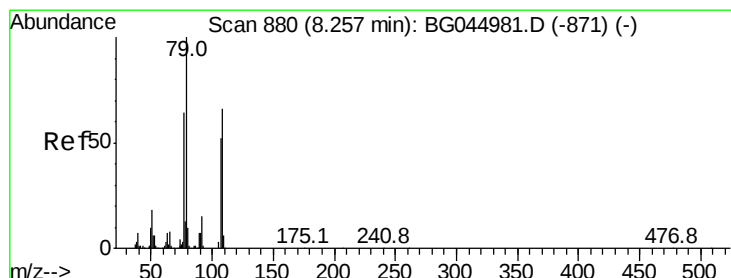
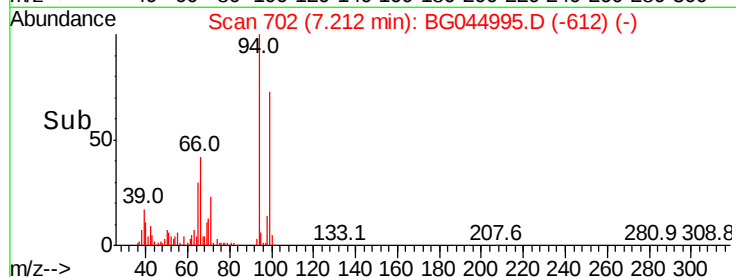
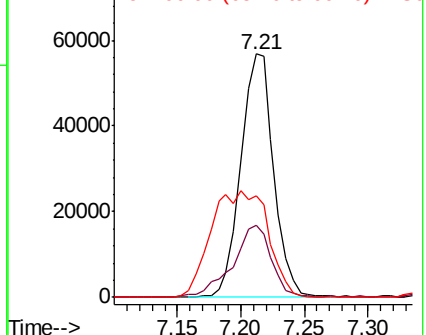
66 41.6 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#15

Benzyl Alcohol

Concen: 7.024 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

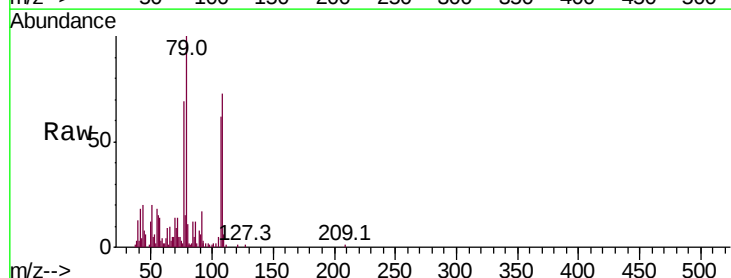
Tgt Ion: 79 Resp: 35475

Ion Ratio Lower Upper

79 100

108 72.7 52.7 79.1

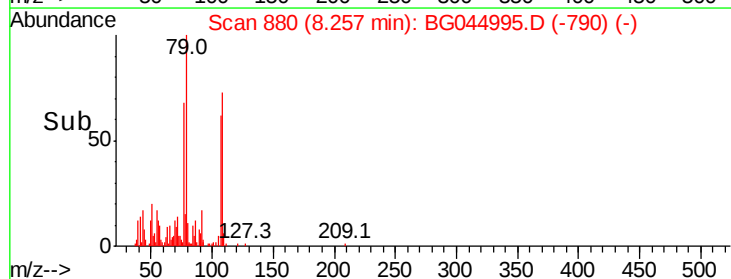
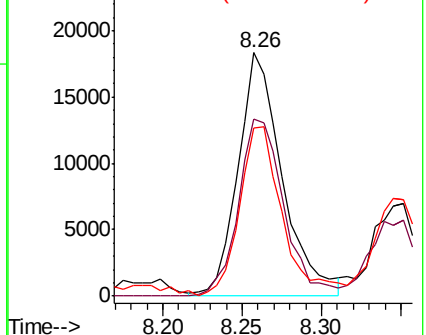
77 69.1 51.3 76.9

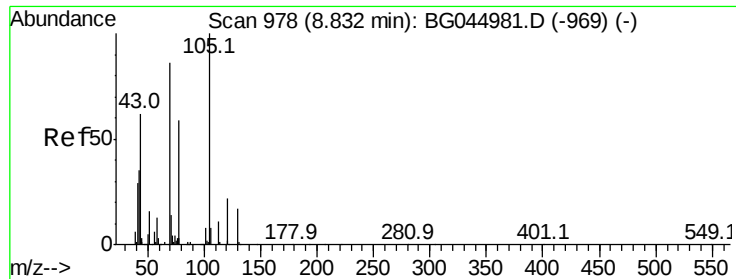


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

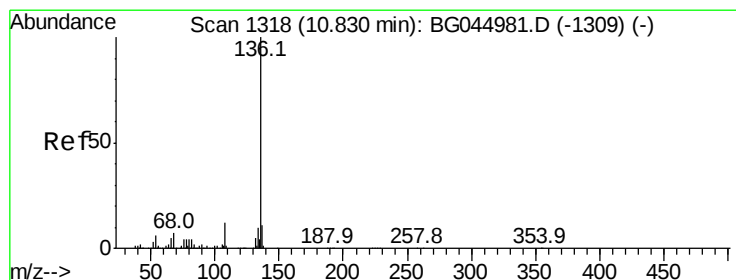
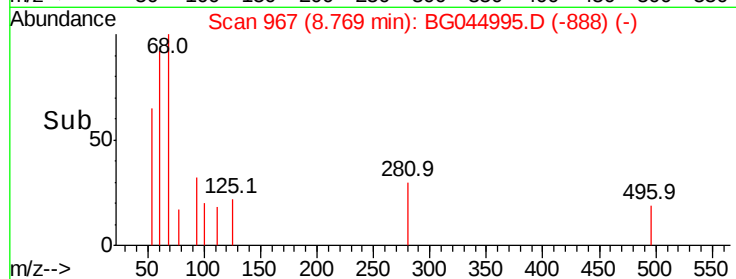
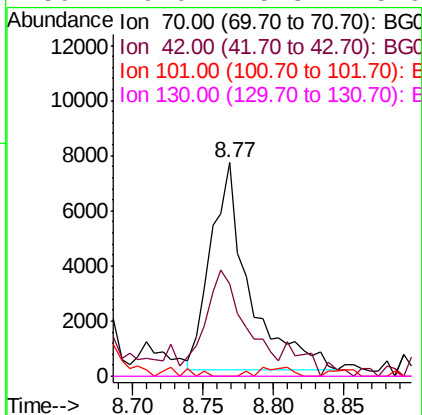
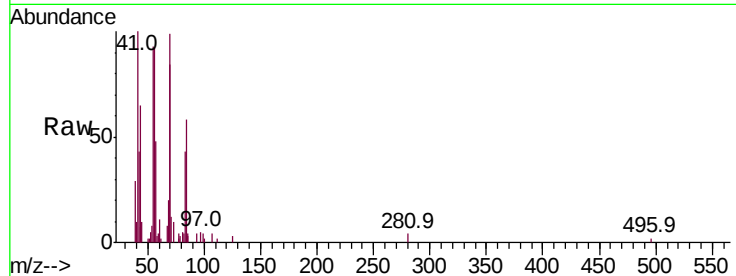




#19
n-Nitroso-di-n-propylamine
Concen: 3.324 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.06 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

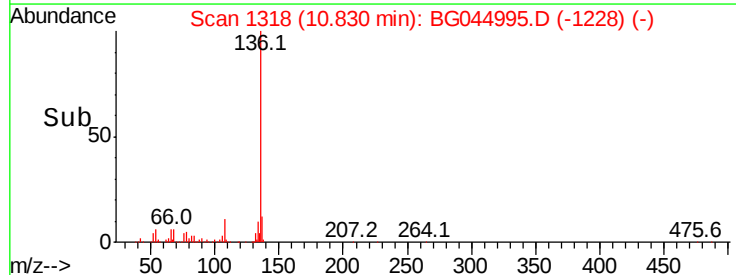
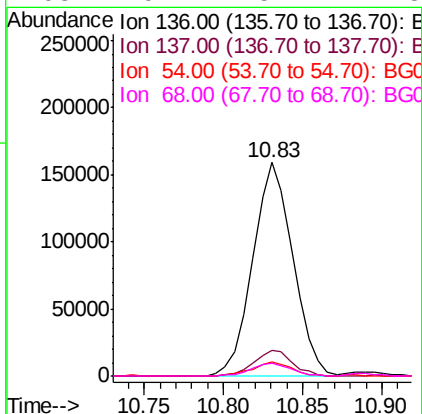
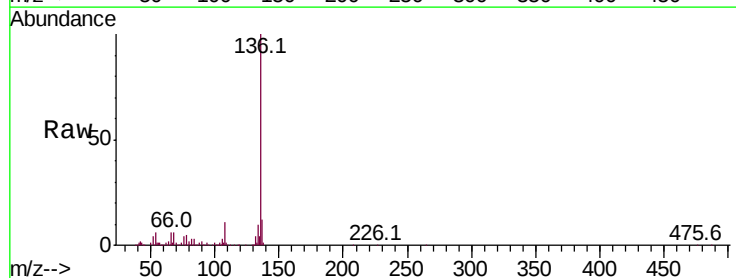
Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SEDIMENT-PIT

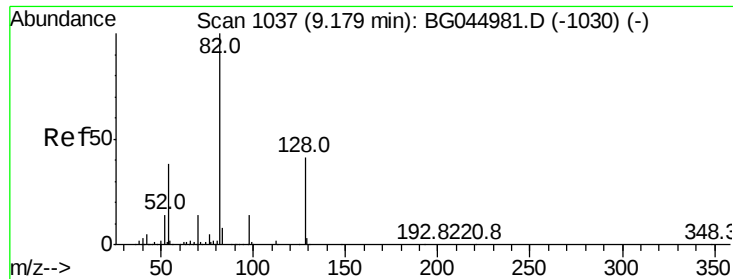
Tot Ion:	70	Resp:	14161
Ion	Ratio	Lower	Upper
70	100		
42	43.4	33.3	49.9
101	0.0	7.8	11.8#
130	0.0	15.8	23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

Tgt Ion:	136	Resp:	280157
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	6.3	4.8	7.2
68	6.1	5.2	7.8

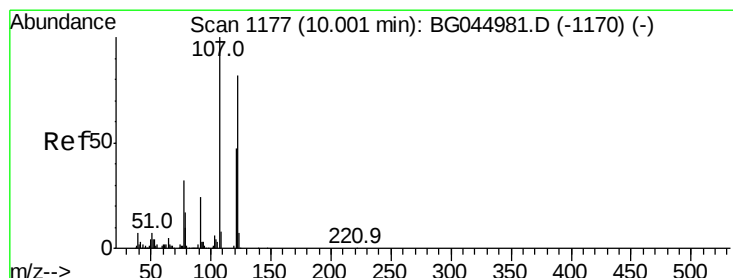
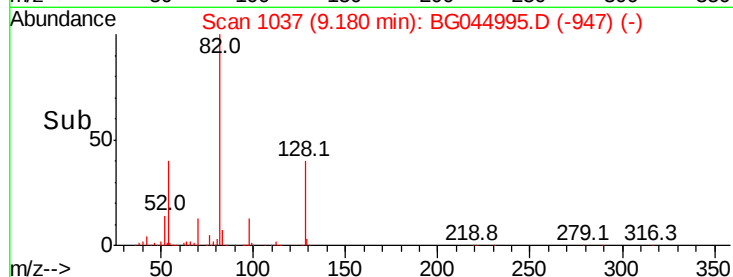
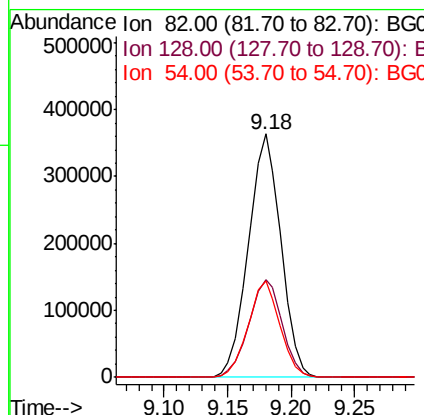
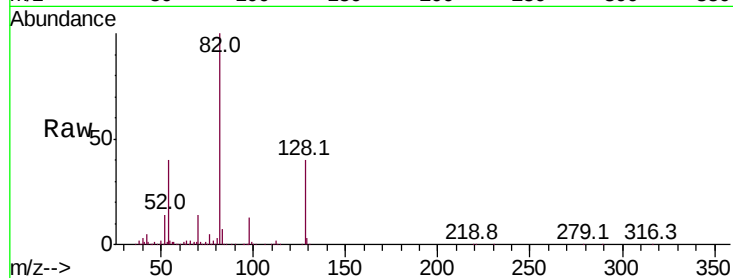




#23
Nitrobenzene-d5
Concen: 105.471 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

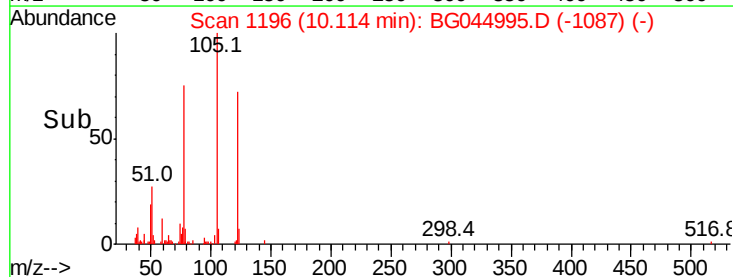
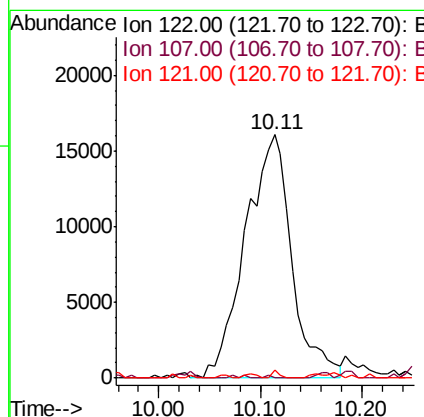
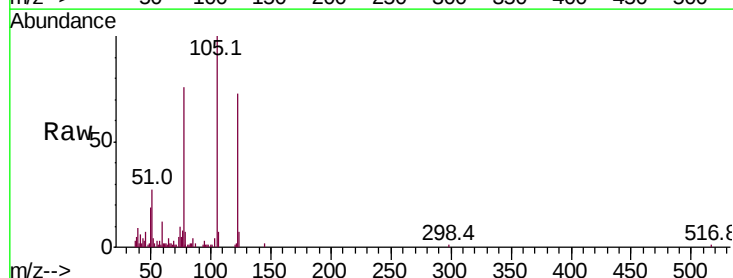
Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SEDIMENT-PIT

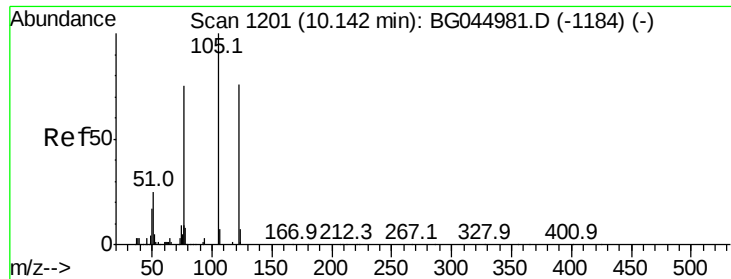
Tot Ion	82	Resp	647585
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.0	49.4
54	39.7	30.4	45.6



#27
2,4-Dimethylphenol
Concen: 11.885 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.11 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

Tgt Ion	122	Resp	51122
Ion	Ratio	Lower	Upper
122	100		
107	0.0	96.8	145.2#
121	3.2	45.6	68.4#





#32

Benzoic acid

Concen: 19.132 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.03 min

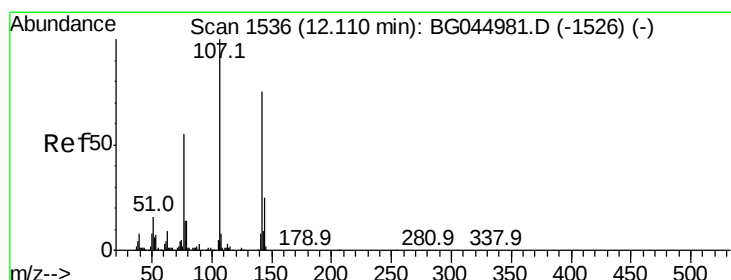
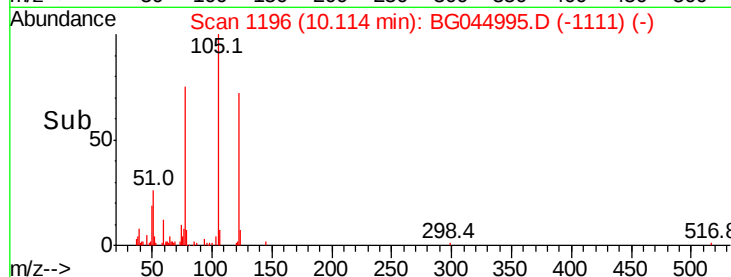
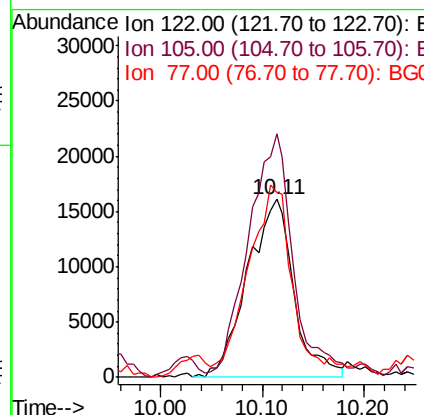
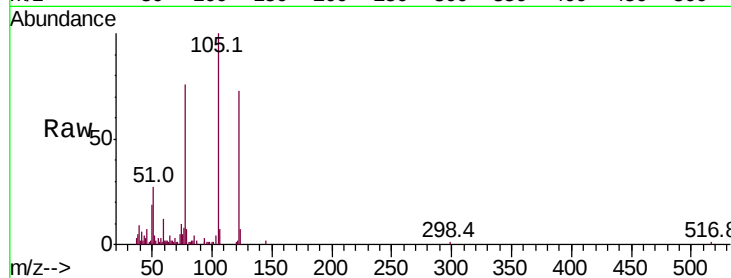
Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SEDIMENT-PIT

Tot Ion:122 Resp: 51122

Ion	Ratio	Lower	Upper
122	100		
105	137.0	108.4	148.4
77	103.8	78.8	118.8



#36

4-Chloro-3-methylphenol

Concen: 11.702 ng

RT: 12.16 min Scan# 1545

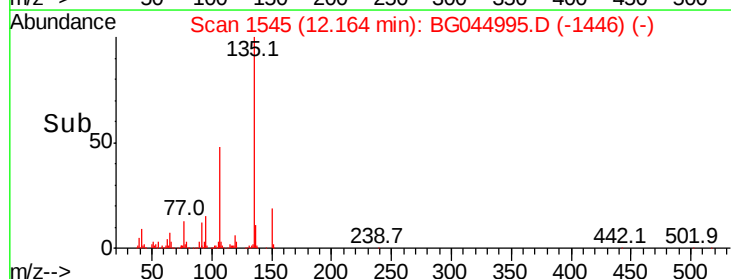
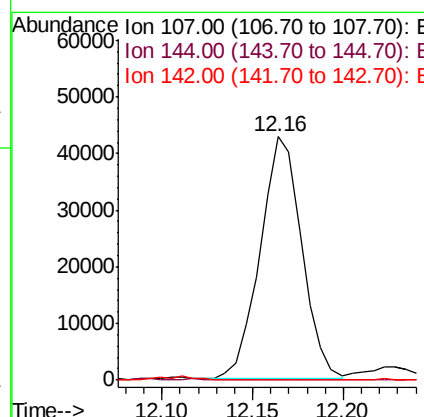
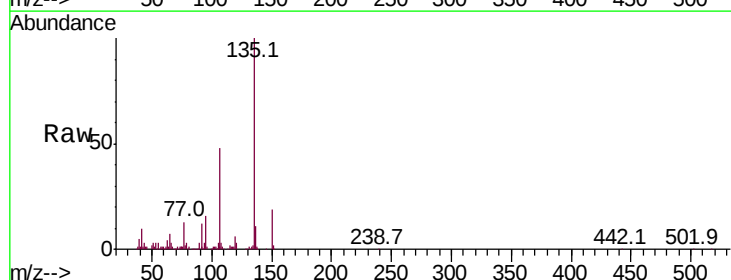
Delta R.T. 0.05 min

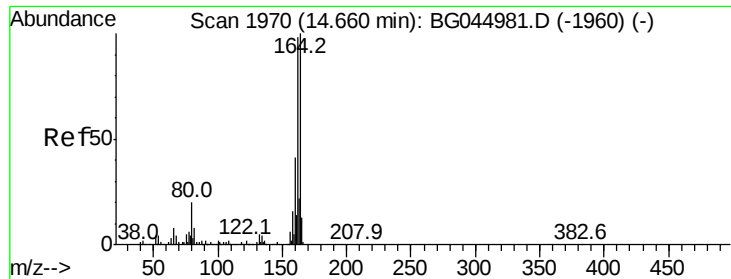
Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Tgt Ion:107 Resp: 68277

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	59.7	89.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

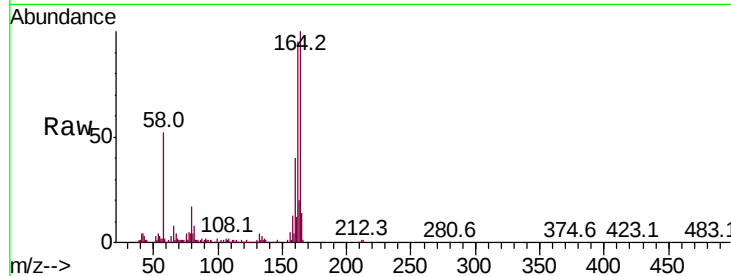
BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

Tot Ion:164 Resp: 207355

Ion	Ratio	Lower	Upper
164	100		
162	94.5	78.7	118.1
160	39.7	32.8	49.2

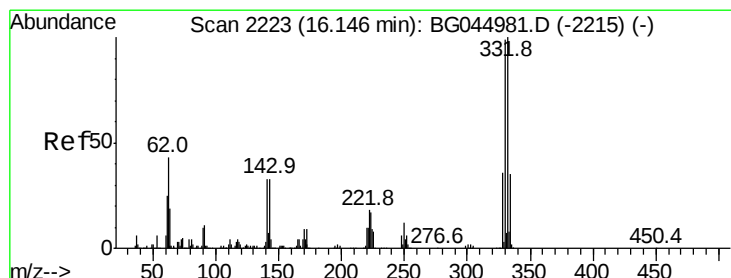
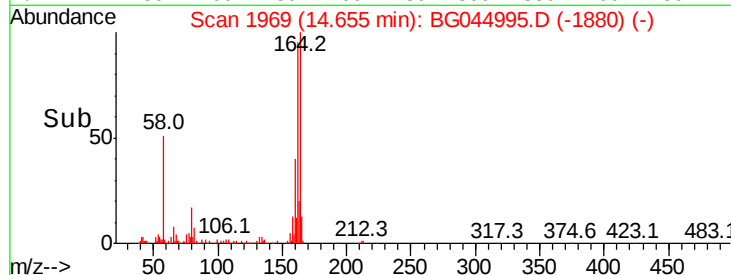
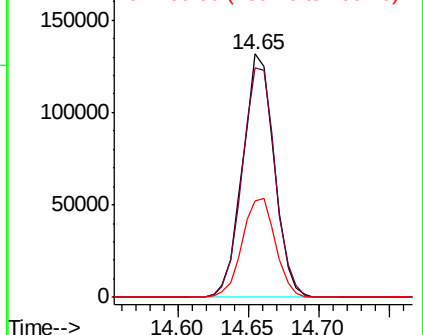


Abundance

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: 170.052 ng

RT: 16.15 min Scan# 2223

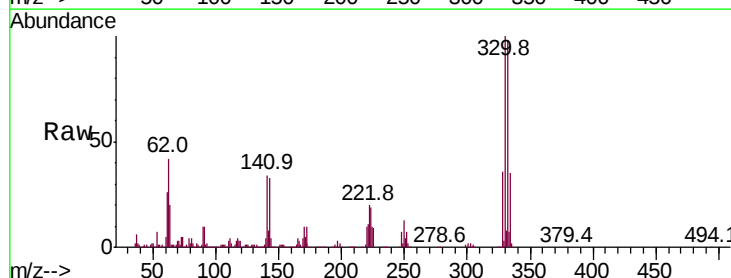
Delta R.T. 0.00 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Tgt Ion:330 Resp: 544739

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	35.5	27.1	40.7

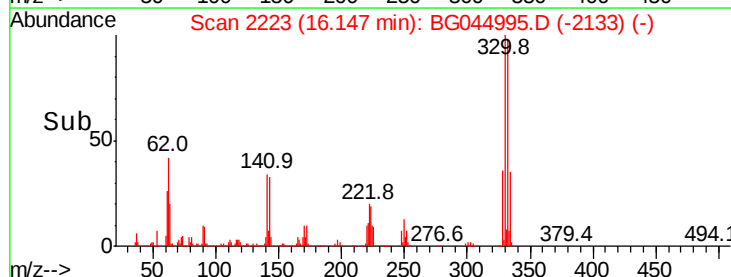
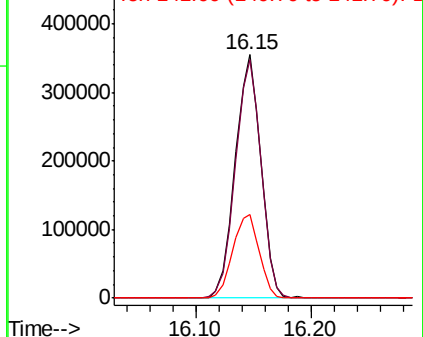


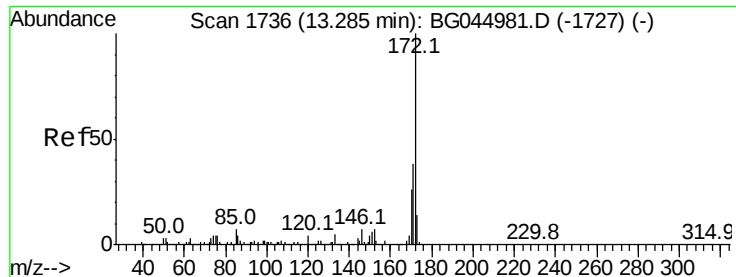
Abundance

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

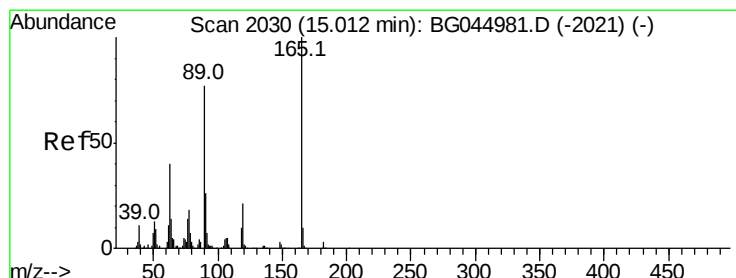
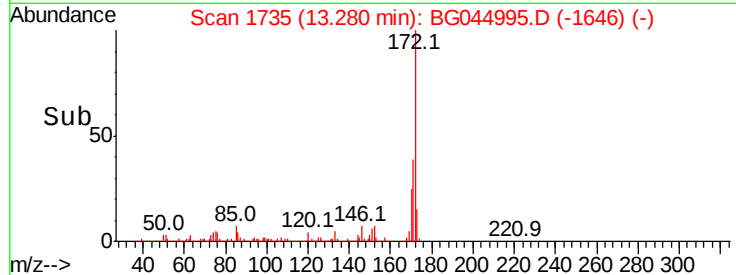
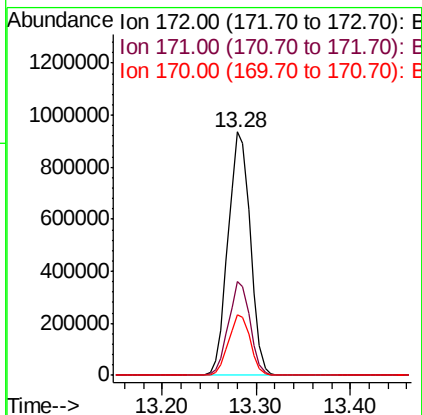
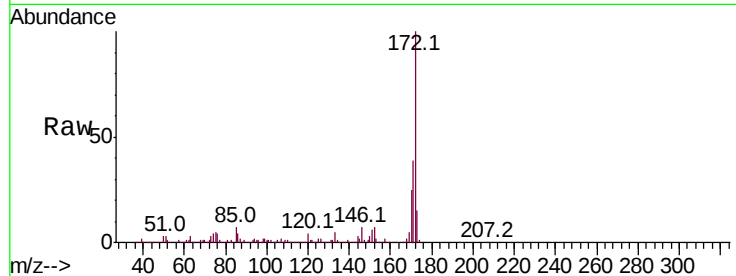




#45
2-Fluorobiphenyl
Concen: 108.053 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

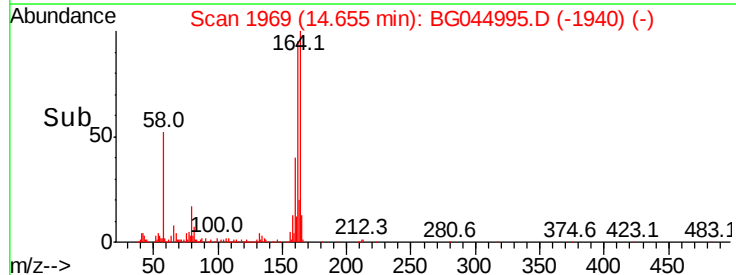
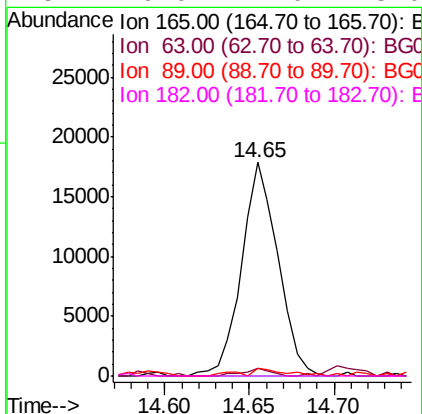
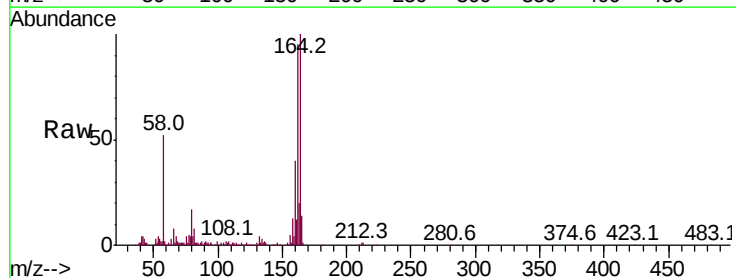
Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SEDIMENT-PIT

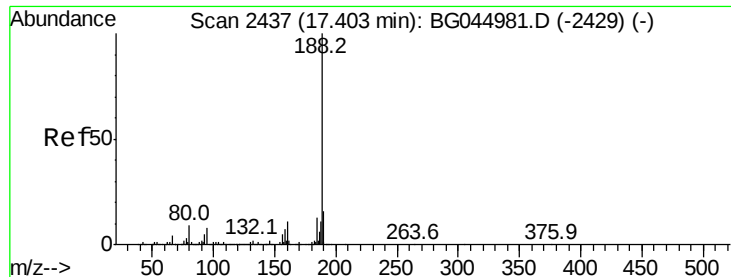
Tot Ion:172 Resp: 1527997
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 25.0 20.5 30.7



#57
2,4-Dinitrotoluene
Concen: 4.845 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG044995.D
Acq: 15 Apr 2020 23:36

Tgt Ion:165 Resp: 26741
Ion Ratio Lower Upper
165 100
63 3.4 32.2 48.2#
89 3.8 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

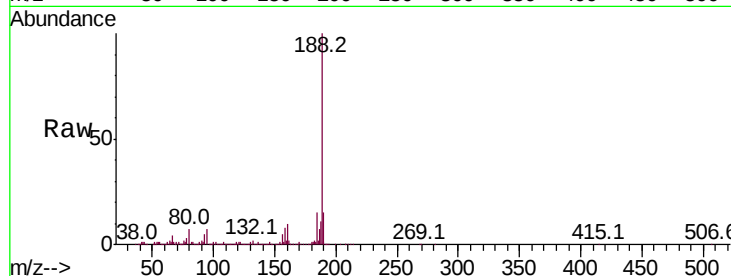
Tot Ion:188 Resp: 496196

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

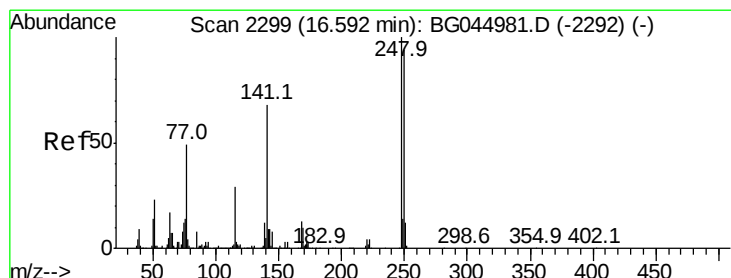
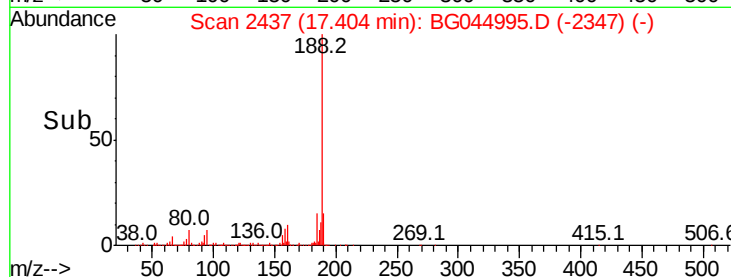
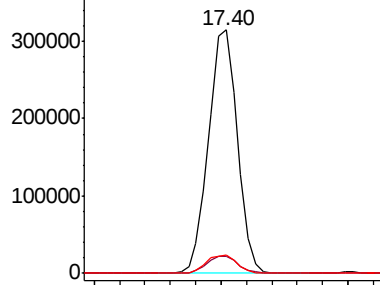
80 7.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.802 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

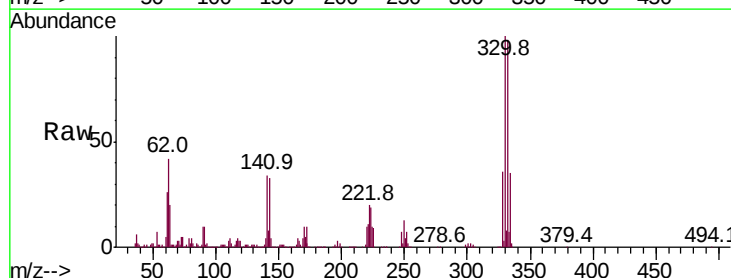
Tgt Ion:248 Resp: 37138

Ion Ratio Lower Upper

248 100

250 195.1 75.4 113.2#

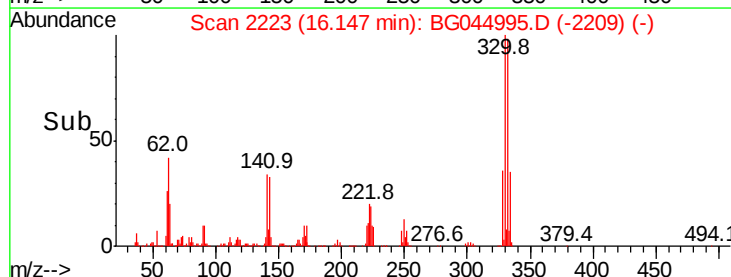
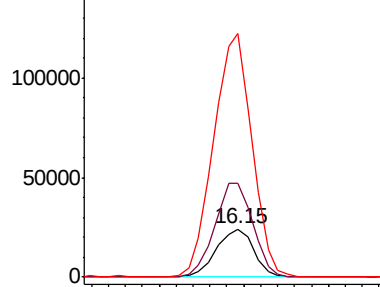
141 503.0 54.4 81.6#

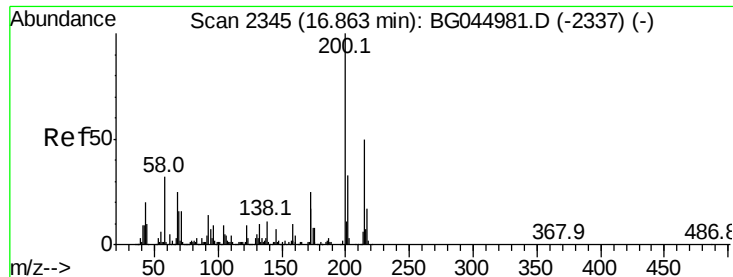


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 16.85 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

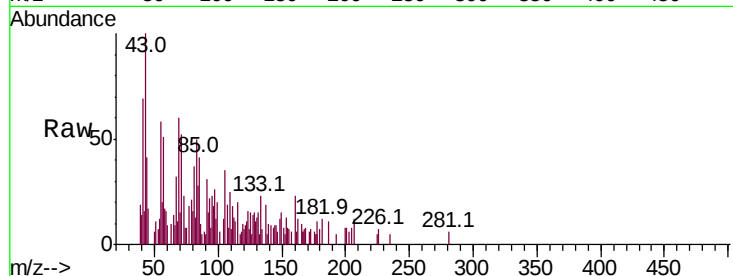
Tot Ion:200 Resp: 150

Ion Ratio Lower Upper

200 100

173 91.0 4.5 44.5#

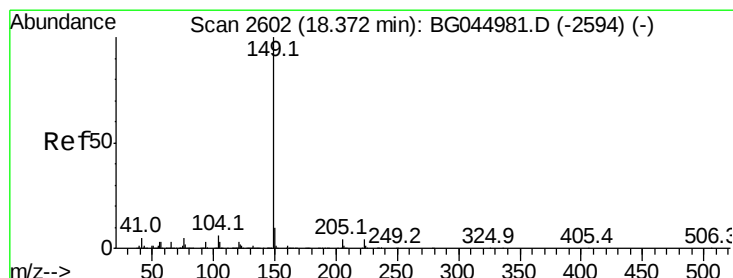
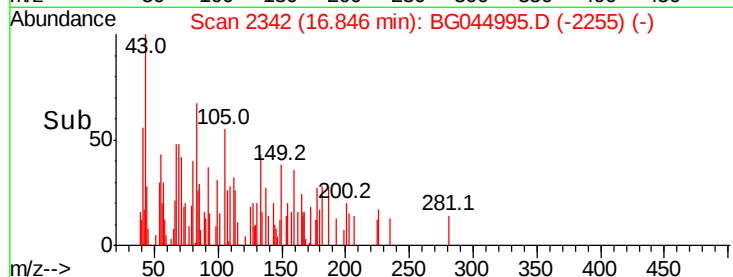
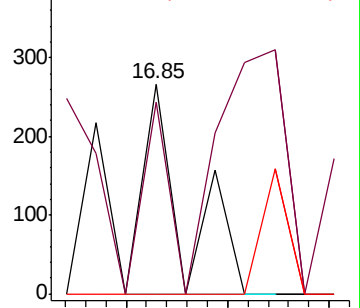
215 0.0 30.0 70.0#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

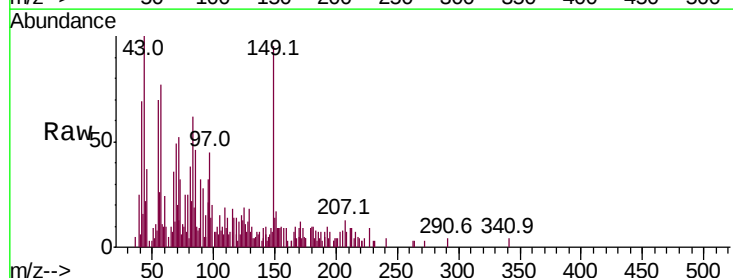
Tgt Ion:149 Resp: 6171

Ion Ratio Lower Upper

149 100

150 14.8 8.2 12.2#

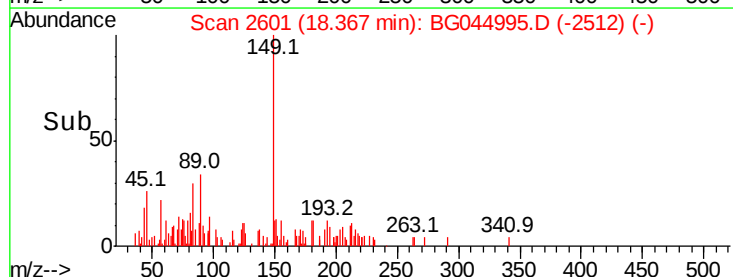
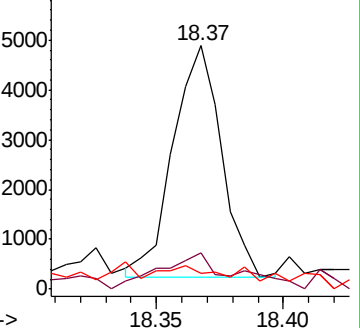
104 6.7 4.8 7.2

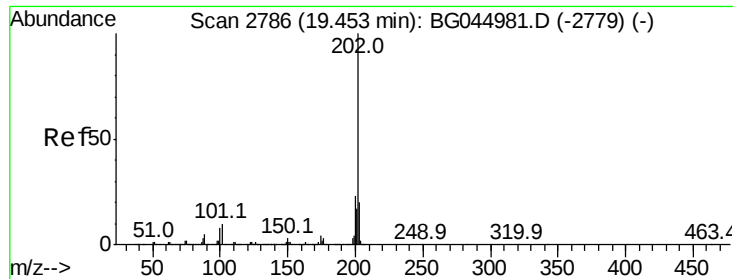


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.81 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

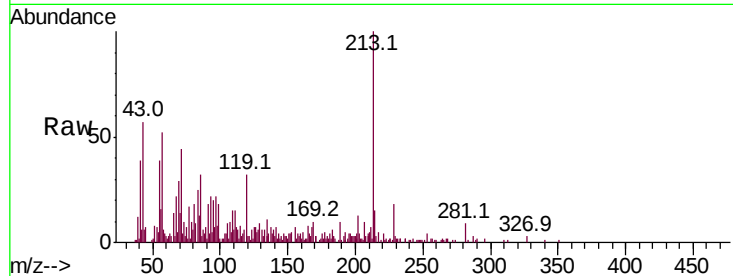
Tot Ion:202 Resp: 3891

Ion Ratio Lower Upper

202 100

101 19.0 0.0 29.6

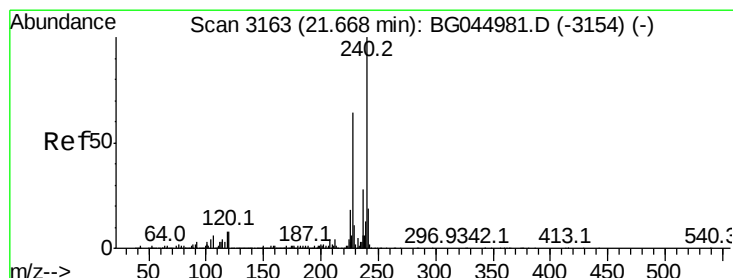
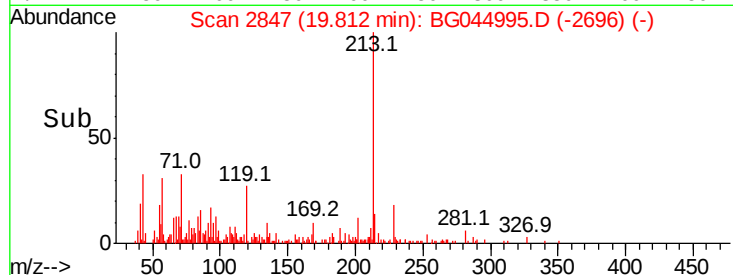
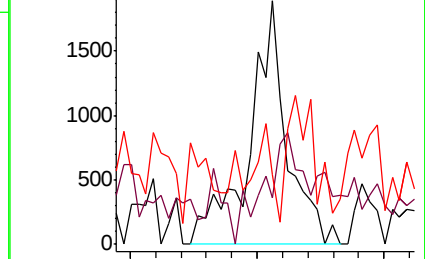
203 28.6 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

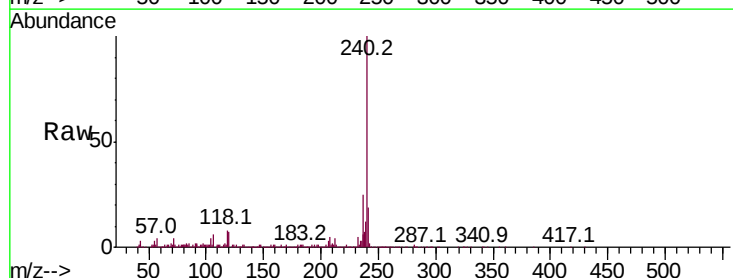
Tgt Ion:240 Resp: 485821

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

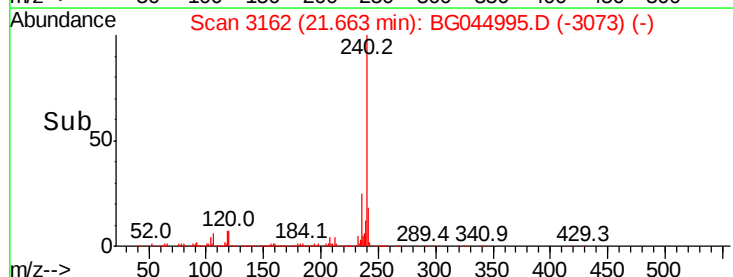
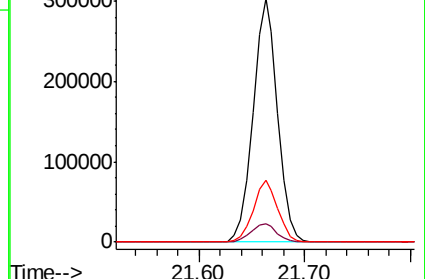
236 25.5 22.2 33.2

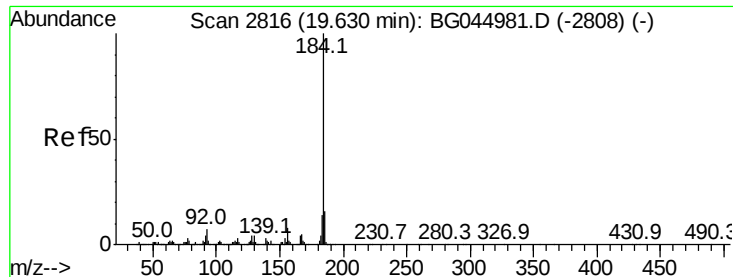


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2881

Delta R.T. 0.38 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

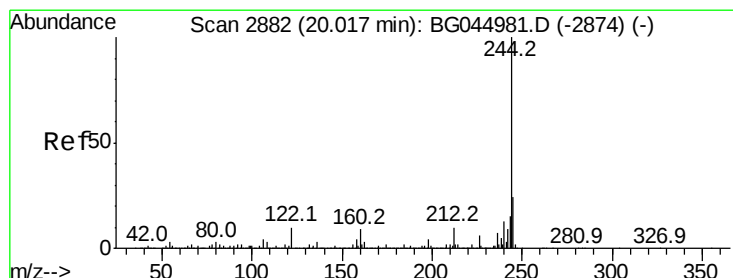
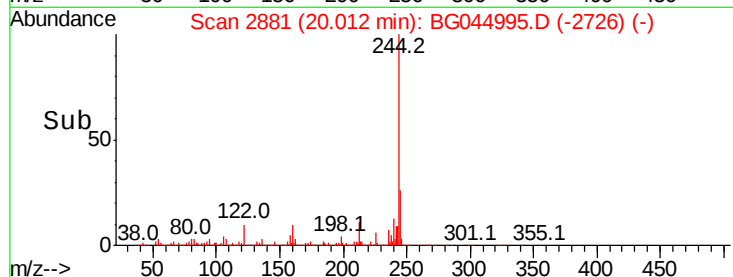
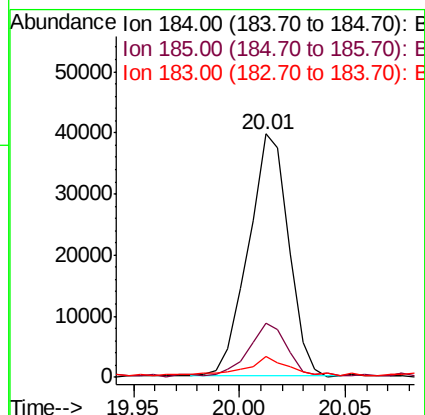
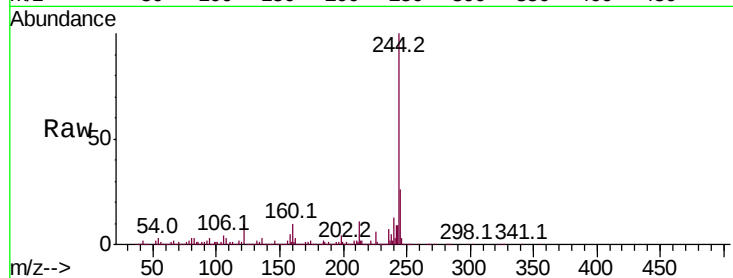
Tot Ion:184 Resp: 51986

Ion Ratio Lower Upper

184 100

185 22.2 12.6 19.0#

183 8.8 11.3 16.9#



#79

Terphenyl-d14

Concen: 113.723 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

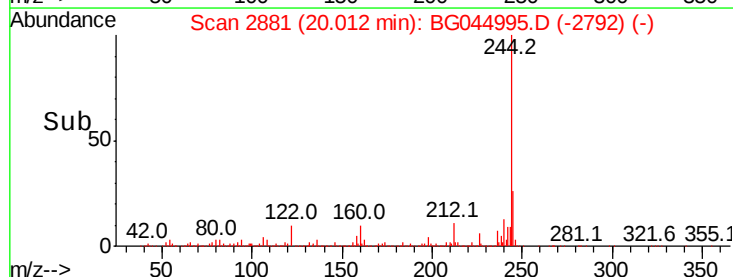
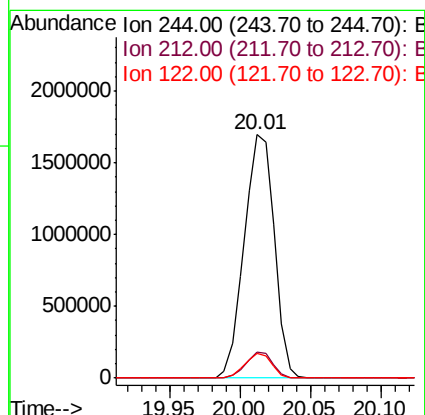
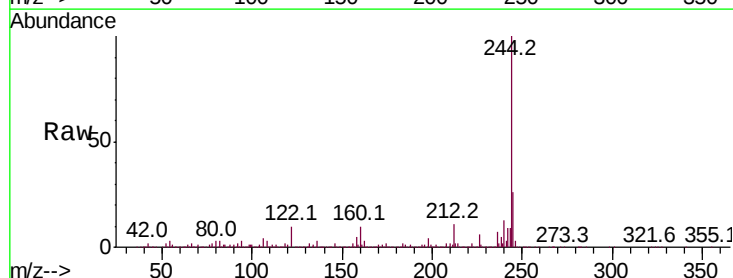
Tgt Ion:244 Resp: 2534872

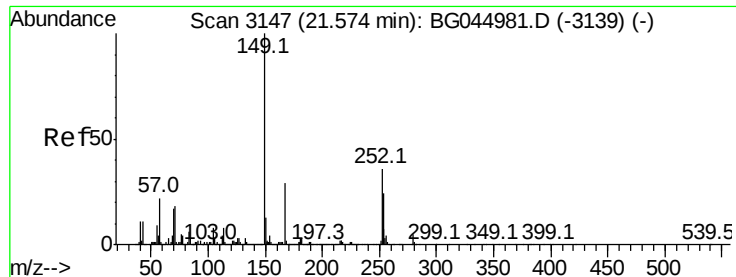
Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

122 10.3 7.7 11.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.878 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

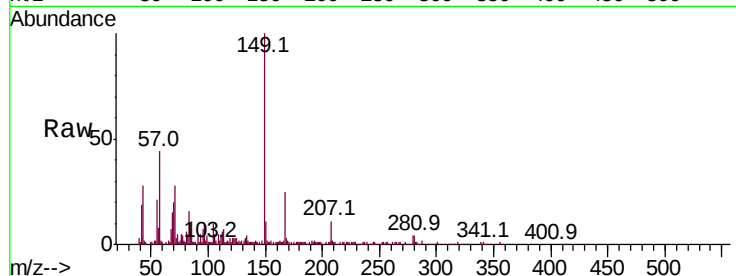
Tot Ion:149 Resp: 112232

Ion Ratio Lower Upper

149 100

167 25.5 23.4 35.0

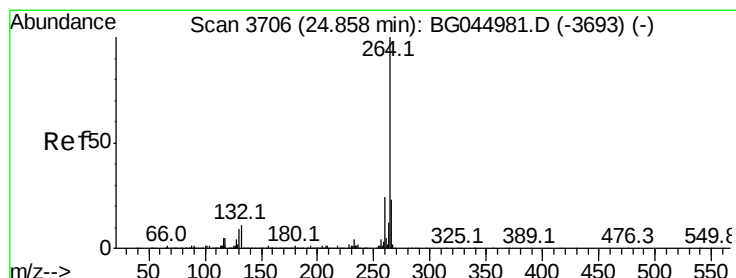
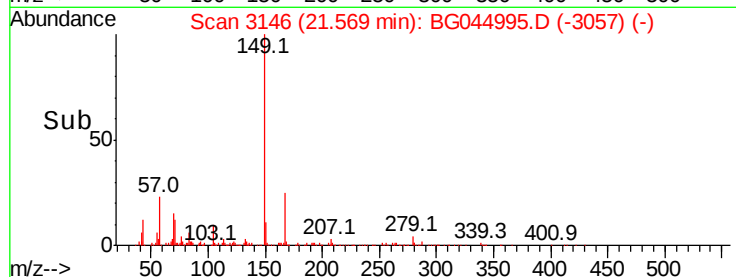
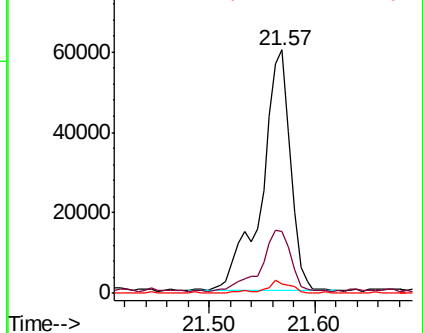
279 4.1 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG044995.D

Acq: 15 Apr 2020 23:36

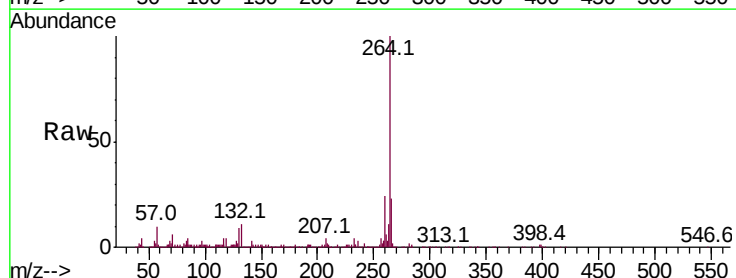
Tgt Ion:264 Resp: 526823

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.7 19.0 28.4



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

