

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051150.D
 Acq On : 20 Nov 2021 16:31
 Operator : CG/JU
 Sample : PB140900BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140900BS

Quant Time: Nov 22 01:23:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	23384	20.00	ng	0.00
21) Naphthalene-d8	11.032	136	104180	20.00	ng	# 0.00
39) Acenaphthene-d10	14.839	164	78216	20.00	ng	0.00
64) Phenanthrene-d10	17.589	188	183076	20.00	ng	# 0.00
76) Chrysene-d12	21.890	240	162938	20.00	ng	# 0.00
86) Perylene-d12	25.286	264	162668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	191284	126.45	ng	0.00
7) Phenol-d6	7.360	99	257117	120.68	ng	0.00
23) Nitrobenzene-d5	9.381	82	171609	75.19	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	102510	123.31	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	377567	72.84	ng	0.00
79) Terphenyl-d14	20.174	244	698351	78.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	21299	33.58	ng	90
3) Pyridine	3.993	79	51118	27.09	ng	# 88
4) n-Nitrosodimethylamine	3.905	42	33983	41.89	ng	# 39
6) Aniline	7.524	93	105490	41.68	ng	94
8) 2-Chlorophenol	7.765	128	72153	45.45	ng	98
9) Benzaldehyde	7.336	77	53141	34.47	ng	92
10) Phenol	7.389	94	98768	45.16	ng	82
11) bis(2-Chloroethyl)ether	7.612	93	68952	41.70	ng	93
12) 1,3-Dichlorobenzene	8.088	146	70455	41.48	ng	93
13) 1,4-Dichlorobenzene	8.241	146	72314	41.07	ng	94
14) 1,2-Dichlorobenzene	8.558	146	69576	41.65	ng	92
15) Benzyl Alcohol	8.441	79	75307	44.24	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.723	45	100249	41.94	ng	88
17) 2-Methylphenol	8.646	107	67625	45.80	ng	# 90
18) Hexachloroethane	9.293	117	27526	41.83	ng	95
19) n-Nitroso-di-n-propyla...	9.005	70	64100	40.76	ng	# 87
20) 3+4-Methylphenols	8.975	107	92309	43.87	ng	92
22) Acetophenone	9.034	105	110234	39.17	ng	# 93
24) Nitrobenzene	9.422	77	93126	42.08	ng	91
25) Isophorone	9.945	82	170888	41.59	ng	# 95
26) 2-Nitrophenol	10.139	139	42340	42.26	ng	# 84
27) 2,4-Dimethylphenol	10.186	122	73101	49.43	ng	93
28) bis(2-Chloroethoxy)met...	10.421	93	97370	39.80	ng	94
29) 2,4-Dichlorophenol	10.679	162	73185	43.85	ng	95
30) 1,2,4-Trichlorobenzene	10.891	180	74996	40.00	ng	93
31) Naphthalene	11.085	128	222447	40.46	ng	98
32) Benzoic acid	10.344	122	44091	42.91	ng	83
33) 4-Chloroaniline	11.190	127	83058	35.16	ng	95
34) Hexachlorobutadiene	11.349	225	45196	39.04	ng	91
35) Caprolactam	11.972	113	17923	40.21	ng	# 82
36) 4-Chloro-3-methylphenol	12.307	107	93496	45.37	ng	94
37) 2-Methylnaphthalene	12.677	142	166710	42.80	ng	92
38) 1-Methylnaphthalene	12.894	142	156301	41.11	ng	93
40) 1,2,4,5-Tetrachloroben...	13.035	216	91078	38.31	ng	98
41) Hexachlorocyclopentadiene	13.006	237	68671	101.01	ng	90

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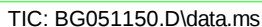
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.276	196	66724	40.71	ng	95
44) 2,4,5-Trichlorophenol	13.358	196	75022	42.35	ng	91
46) 1,1'-Biphenyl	13.670	154	218280	38.82	ng	97
47) 2-Chloronaphthalene	13.723	162	176323	39.61	ng	97
48) 2-Nitroaniline	13.922	65	69039	42.91	ng	88
49) Acenaphthylene	14.563	152	292185	41.17	ng	97
50) Dimethylphthalate	14.281	163	251830	41.79	ng	98
51) 2,6-Dinitrotoluene	14.410	165	55949	44.45	ng	# 81
52) Acenaphthene	14.904	154	169824	41.00	ng	91
53) 3-Nitroaniline	14.751	138	51730	36.69	ng	100
54) 2,4-Dinitrophenol	14.962	184	62852	89.61	ng	# 81
55) Dibenzofuran	15.233	168	285370	39.67	ng	95
56) 4-Nitrophenol	15.062	139	92500	93.27	ng	# 74
57) 2,4-Dinitrotoluene	15.203	165	81102	44.99	ng	# 91
58) Fluorene	15.885	166	238494	42.23	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.462	232	64194	42.21	ng	# 99
60) Diethylphthalate	15.632	149	271137	42.67	ng	97
61) 4-Chlorophenyl-phenyle...	15.867	204	126235	40.89	ng	94
62) 4-Nitroaniline	15.914	138	62354	41.36	ng	# 66
63) Azobenzene	16.161	77	263904	41.47	ng	83
65) 4,6-Dinitro-2-methylph...	15.967	198	45445	41.57	ng	88
66) n-Nitrosodiphenylamine	16.085	169	218885	41.66	ng	97
67) 4-Bromophenyl-phenylether	16.760	248	82094	41.46	ng	94
68) Hexachlorobenzene	16.884	284	82999	41.24	ng	96
69) Atrazine	17.025	200	91599	65.56	ng	99
70) Pentachlorophenol	17.236	266	86241	94.26	ng	98
71) Phenanthrene	17.630	178	412013	41.87	ng	97
72) Anthracene	17.718	178	417155	42.73	ng	98
73) Carbazole	17.988	167	378656	39.44	ng	99
74) Di-n-butylphthalate	18.517	149	476709	41.01	ng	# 97
75) Fluoranthene	19.628	202	505982	41.71	ng	96
77) Benzidine	19.804	184	266045	99.44	ng	97
78) Pyrene	19.992	202	506609	42.87	ng	98
80) Butylbenzylphthalate	20.855	149	207908	41.27	ng	96
81) Benzo(a)anthracene	21.866	228	460550	41.45	ng	100
82) 3,3'-Dichlorobenzidine	21.772	252	136439	27.48	ng	# 96
83) Chrysene	21.937	228	442971	42.46	ng	96
84) Bis(2-ethylhexyl)phtha...	21.725	149	298114	42.48	ng	# 97
85) Di-n-octyl phthalate	22.994	149	509834	43.36	ng	99
87) Indeno(1,2,3-cd)pyrene	29.210	276	505770	43.32	ng	# 90
88) Benzo(b)fluoranthene	24.199	252	466284	46.50	ng	# 95
89) Benzo(k)fluoranthene	24.269	252	442952	43.55	ng	# 97
90) Benzo(a)pyrene	25.127	252	449516	51.66	ng	# 95
91) Dibenzo(a,h)anthracene	29.269	278	424197	44.11	ng	# 94
92) Benzo(g,h,i)perylene	30.438	276	423291	44.50	ng	# 91

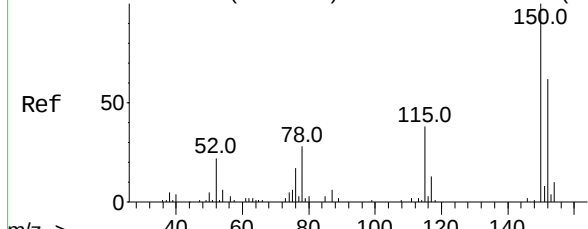
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
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Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) (#1)



1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

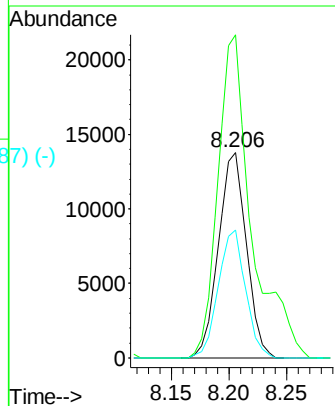
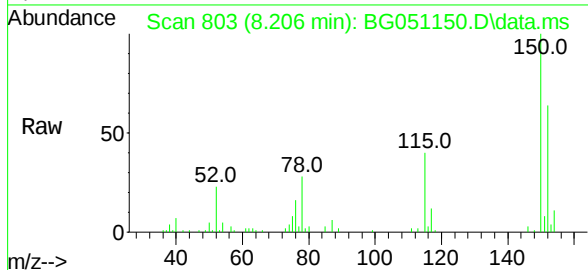
Tgt Ion:152 Resp: 23384

Ion Ratio Lower Upper

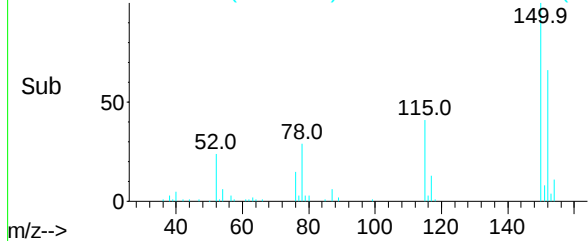
152 100

150 157.1 119.4 179.0

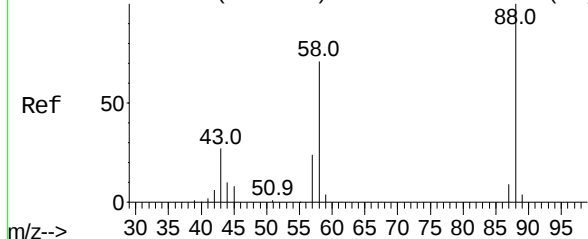
115 62.3 60.2 90.4



Abundance Scan 803 (8.206 min): BG051150.D\data.ms (-787) (-)



Abundance Scan 18 (3.593 min): BG051122.D\data.ms (-11) (#2)



1,4-Dioxane
Concen: 33.58 ng
RT: 3.576 min Scan# 15
Delta R.T. -0.017 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

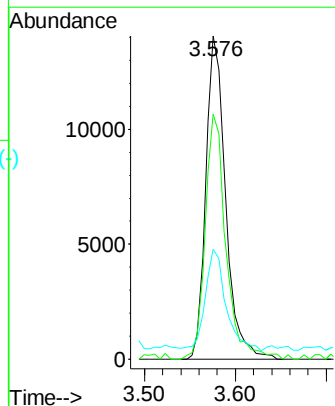
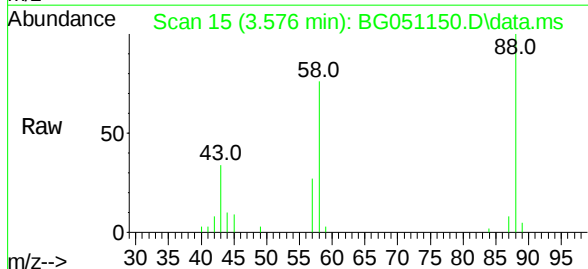
Tgt Ion: 88 Resp: 21299

Ion Ratio Lower Upper

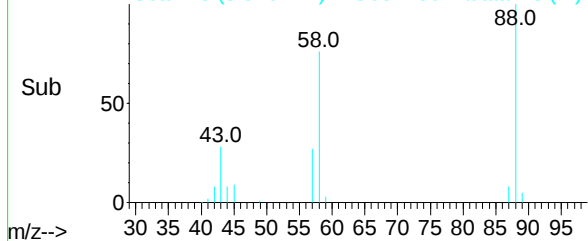
88 100

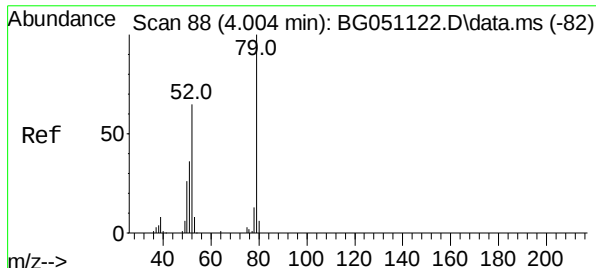
58 79.4 55.7 83.5

43 33.3 29.3 43.9



Abundance Scan 15 (3.576 min): BG051150.D\data.ms (-1) (-)

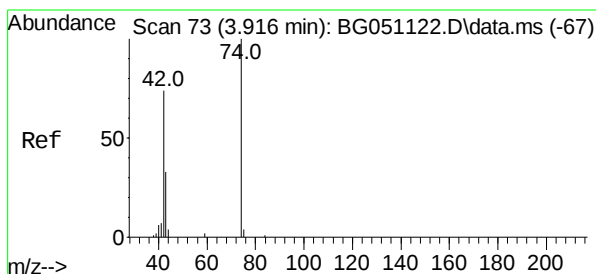
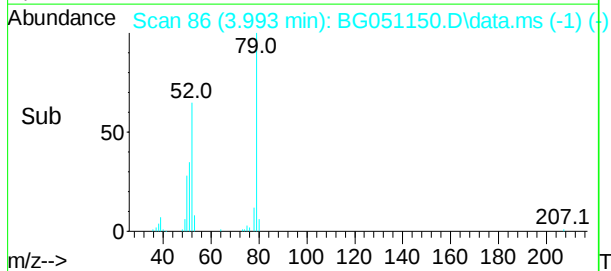
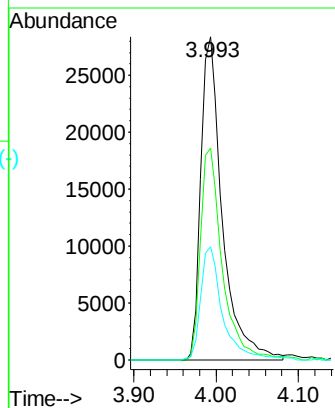
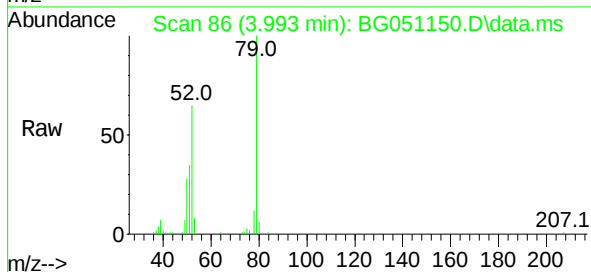




Pyridine
Concen: 27.09 ng
RT: 3.993 min Scan# 88
Delta R.T. -0.011 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

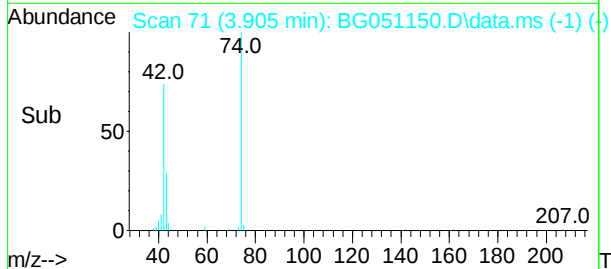
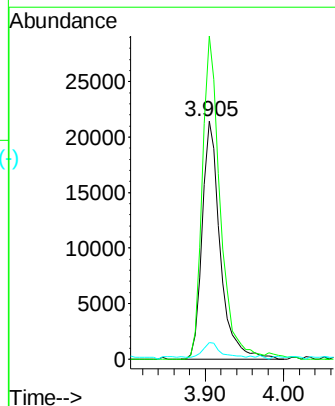
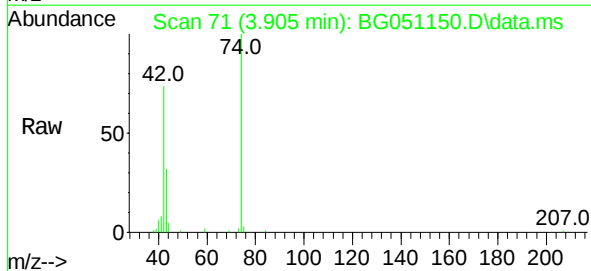
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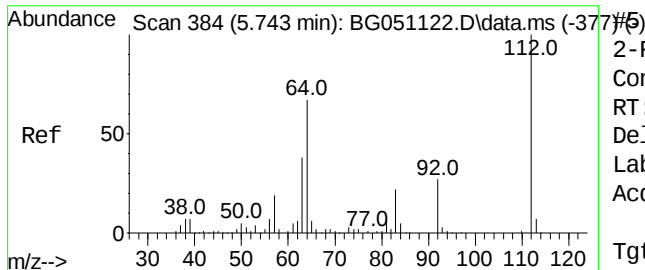
Tgt Ion: 79 Resp: 51118
Ion Ratio Lower Upper
79 100
52 65.5 58.4 87.6
51 35.1 37.0 55.6#



n-Nitrosodimethylamine
Concen: 41.89 ng
RT: 3.905 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Tgt Ion: 42 Resp: 33983
Ion Ratio Lower Upper
42 100
74 135.6 64.0 96.0#
44 6.9 2.7 4.1#





2-Fluorophenol

Concen: 126.45 ng

RT: 5.744 min Scan#

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

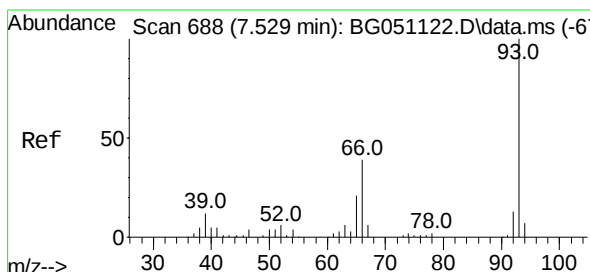
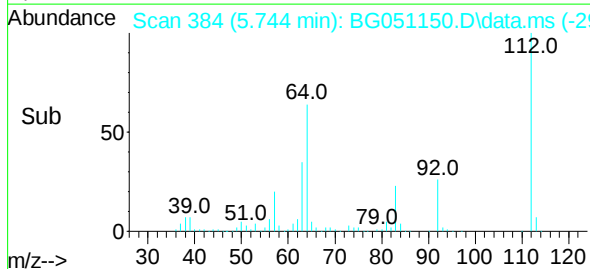
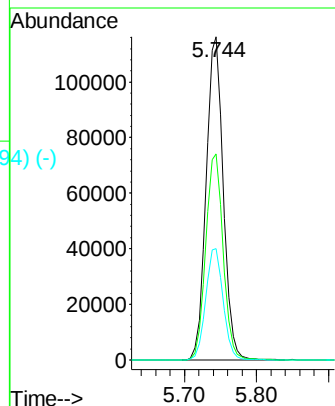
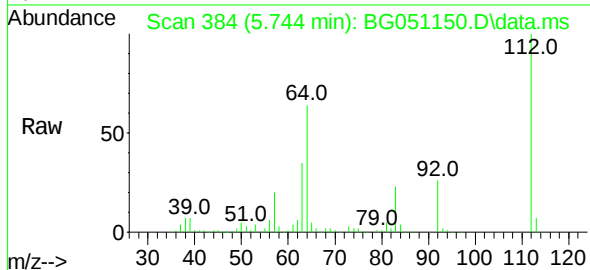
Tgt Ion: 112 Resp: 191284

Ion Ratio Lower Upper

112 100

64 63.9 46.7 70.1

63 34.5 35.3 52.9#



Aniline

Concen: 41.68 ng

RT: 7.524 min Scan# 687

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

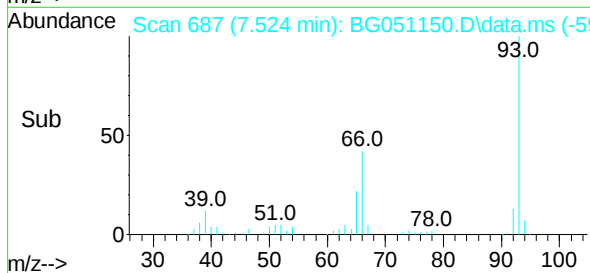
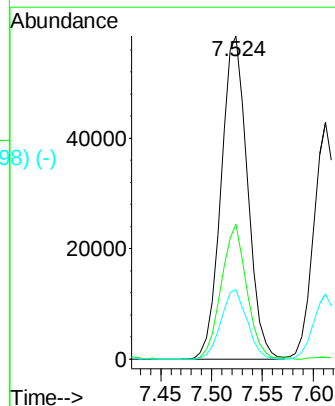
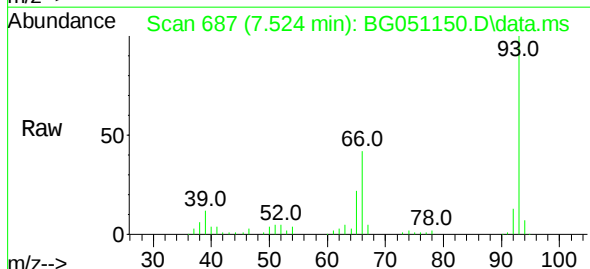
Tgt Ion: 93 Resp: 105490

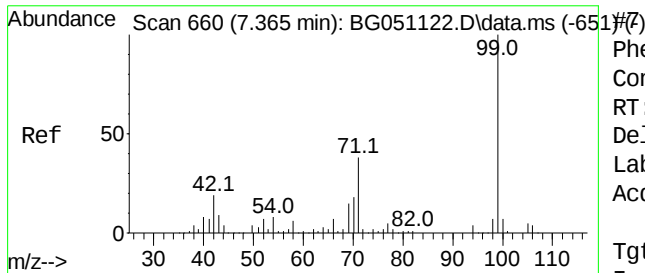
Ion Ratio Lower Upper

93 100

66 41.8 30.6 45.8

65 21.6 15.0 22.4

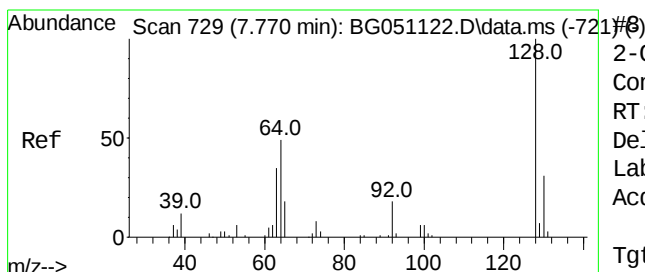
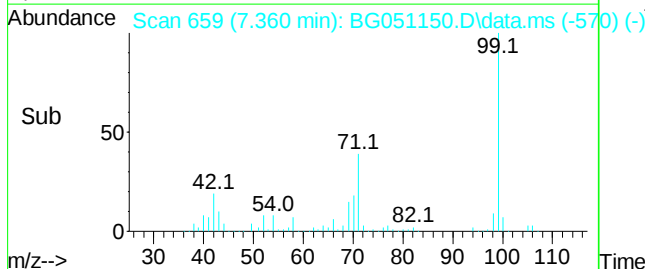
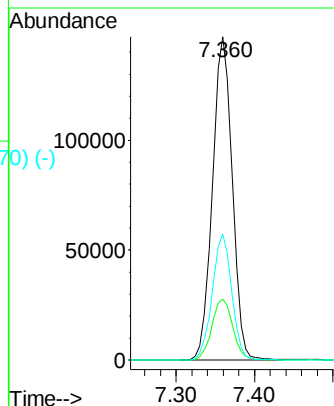
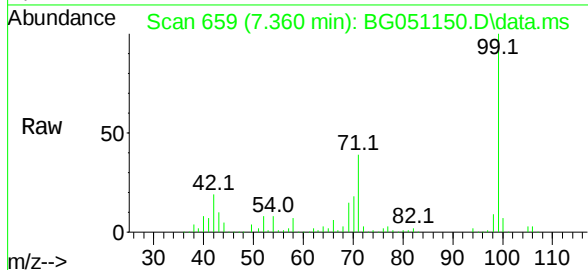




Phenol-d6
 Concen: 120.68 ng
 RT: 7.360 min Scan#
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

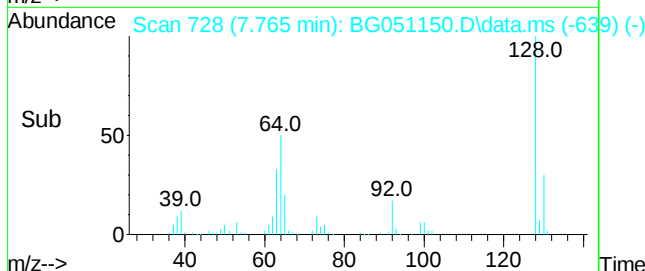
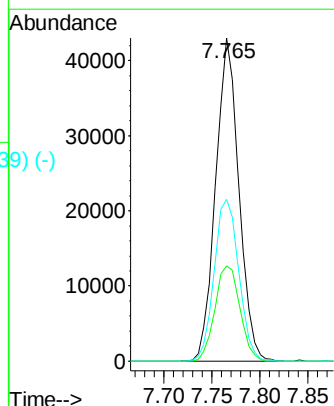
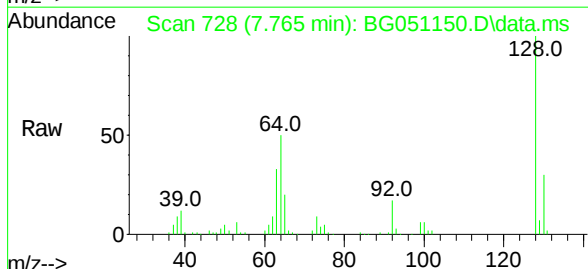
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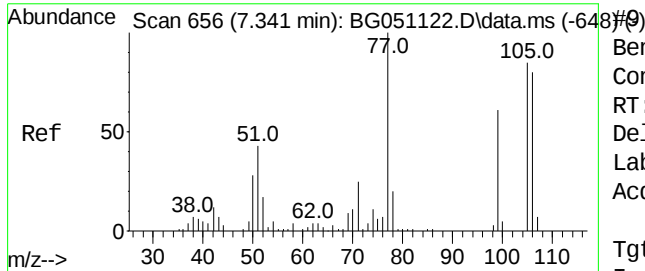
Tgt Ion: 99 Resp: 257117
 Ion Ratio Lower Upper
 99 100
 42 18.9 20.5 30.7#
 71 38.9 41.5 62.3#



2-Chlorophenol
 Concen: 45.45 ng
 RT: 7.765 min Scan# 728
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

Tgt Ion: 128 Resp: 72153
 Ion Ratio Lower Upper
 128 100
 130 29.5 10.0 50.0
 64 50.2 28.1 68.1





Benzaldehyde

Concen: 34.47 ng

RT: 7.336 min Scan#

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

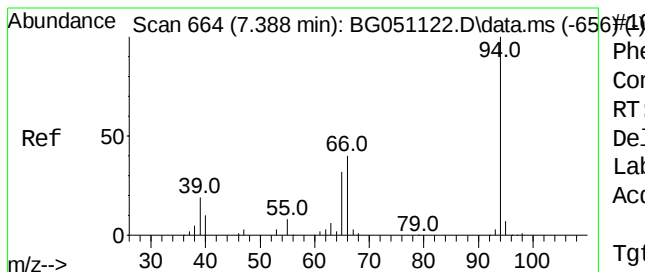
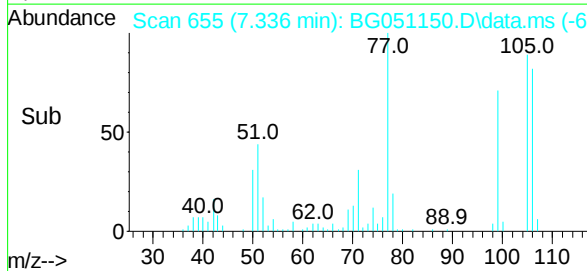
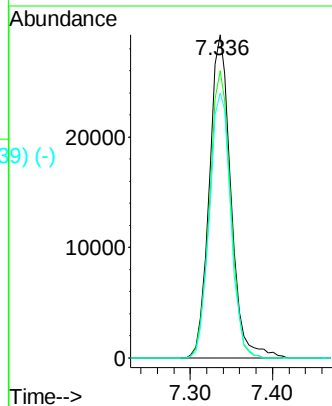
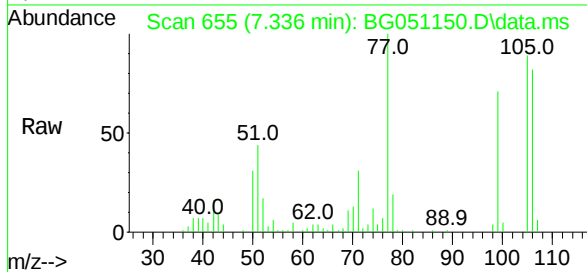
Tgt Ion: 77 Resp: 53141

Ion Ratio Lower Upper

77 100

105 89.0 68.8 108.8

106 82.1 47.9 87.9



Phenol

Concen: 45.16 ng

RT: 7.389 min Scan# 664

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

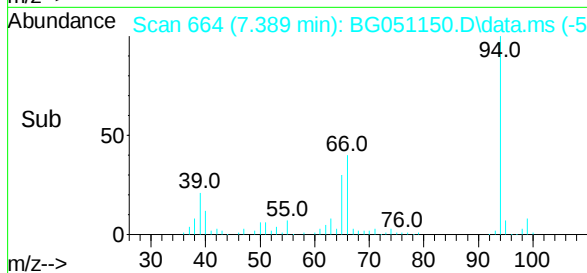
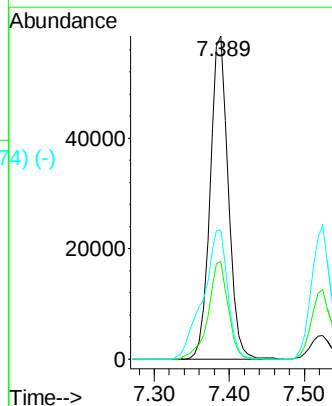
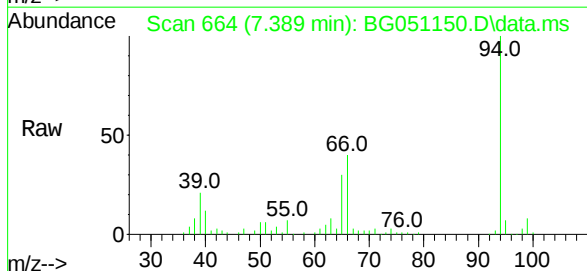
Tgt Ion: 94 Resp: 98768

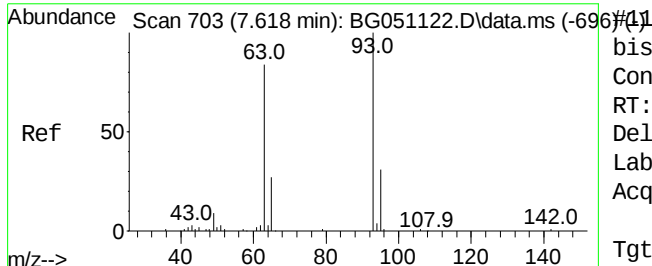
Ion Ratio Lower Upper

94 100

65 30.4 12.9 52.9

66 39.9 39.4 79.4

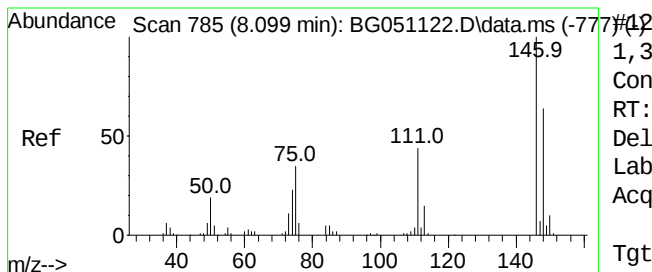
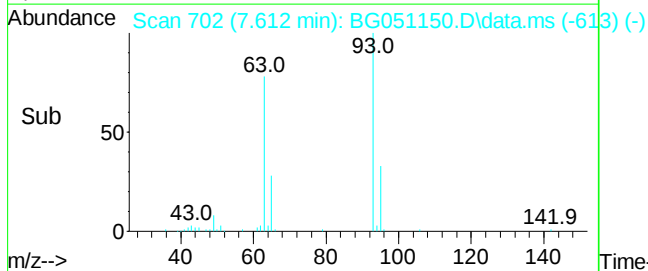
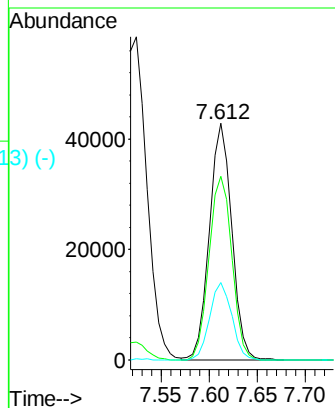
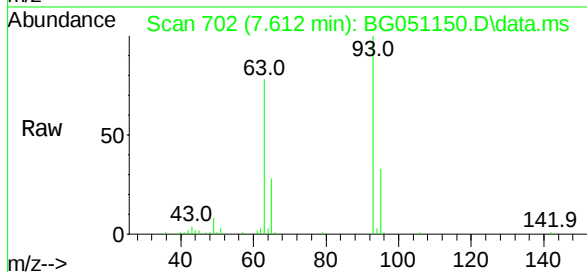




bis(2-Chloroethyl)ether
 Concen: 41.70 ng
 RT: 7.612 min Scan#
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

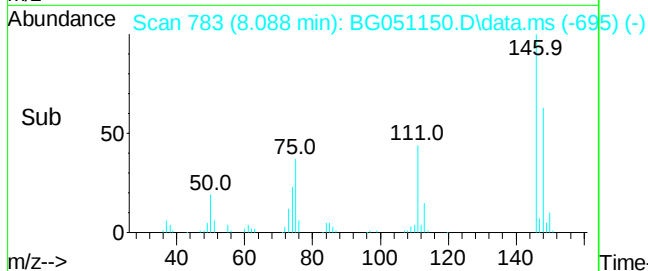
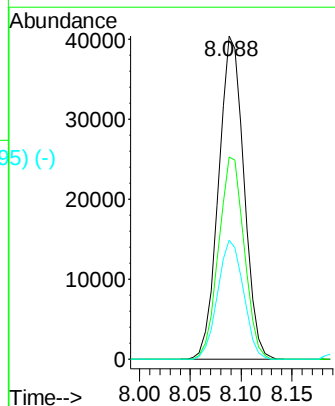
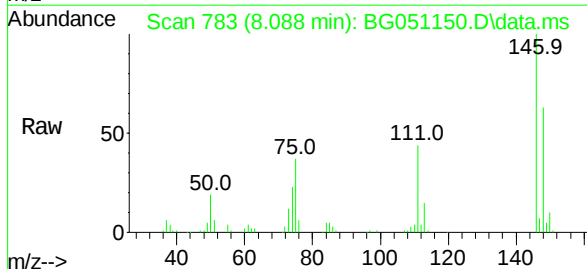
Instrument :
 BNA_G
 ClientSampleId :
 PB140900BS

Tgt Ion:	93	Resp:	68952
Ion	Ratio	Lower	Upper
93	100		
63	77.6	50.4	90.4
95	32.7	15.3	55.3

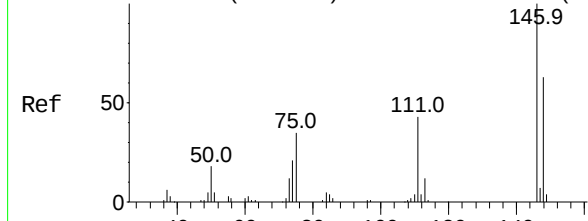


1,3-Dichlorobenzene
 Concen: 41.48 ng
 RT: 8.088 min Scan# 783
 Delta R.T. -0.011 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

Tgt Ion:	146	Resp:	70455
Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.6	78.8
75	36.9	35.7	53.5



Abundance Scan 810 (8.246 min): BG051122.D\data.ms (-802) #13



1,4-Dichlorobenzene

Concen: 41.07 ng

RT: 8.241 min Scan# 810

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

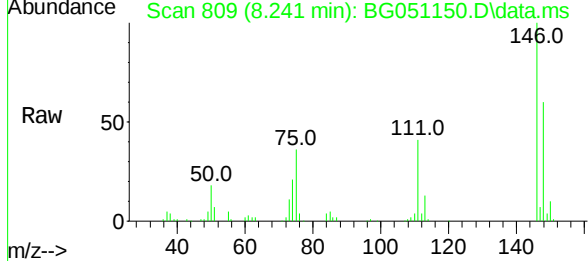
Instrument :

BNA_G

ClientSampleId :

PB140900BS

Abundance Scan 809 (8.241 min): BG051150.D\data.ms



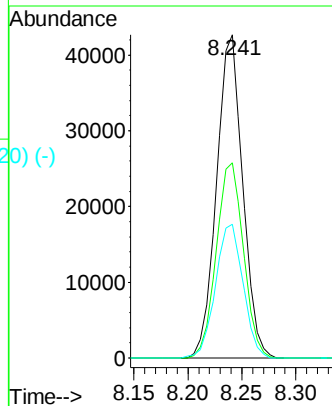
Tgt Ion:146 Resp: 72314

Ion Ratio Lower Upper

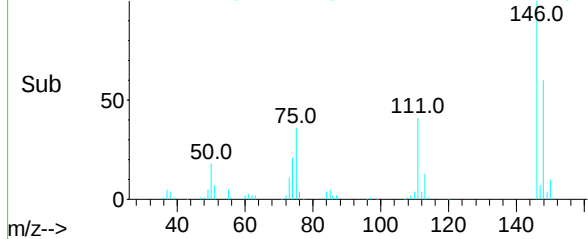
146 100

148 60.4 54.0 81.0

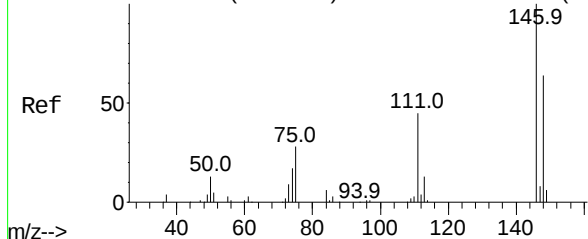
111 41.4 34.3 51.5



Abundance Scan 809 (8.241 min): BG051150.D\data.ms (-720) (-)



Abundance Scan 864 (8.563 min): BG051122.D\data.ms (-857) #14



1,2-Dichlorobenzene

Concen: 41.65 ng

RT: 8.558 min Scan# 863

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:146 Resp: 69576

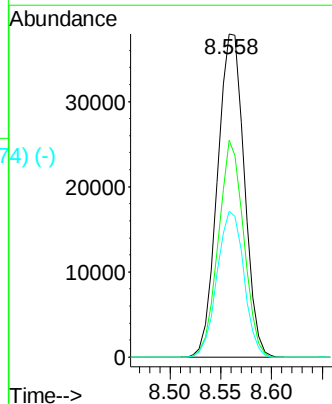
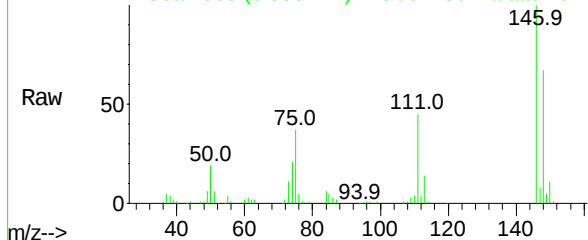
Ion Ratio Lower Upper

146 100

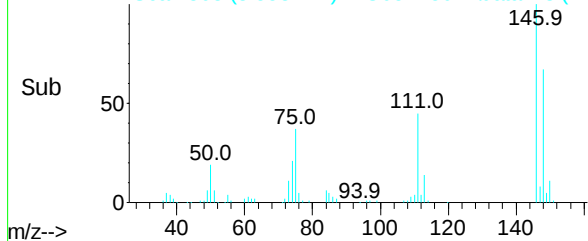
148 67.2 47.5 71.3

111 45.1 39.1 58.7

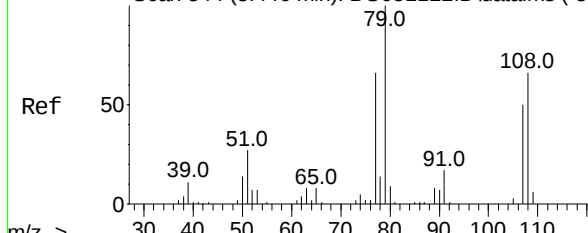
Abundance Scan 863 (8.558 min): BG051150.D\data.ms



Abundance Scan 863 (8.558 min): BG051150.D\data.ms (-774) (-)



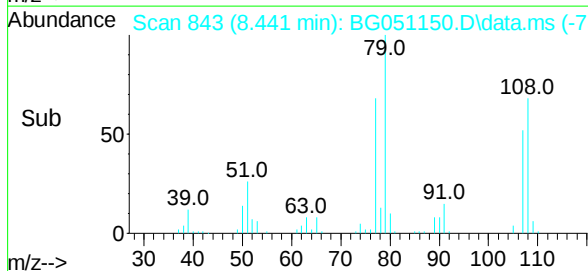
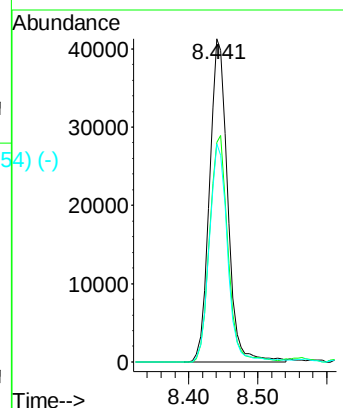
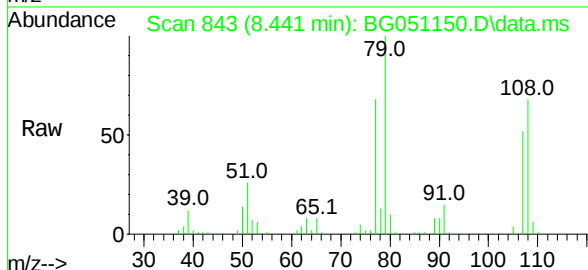
Abundance Scan 844 (8.446 min): BG051122.D\data.ms (-836) #15



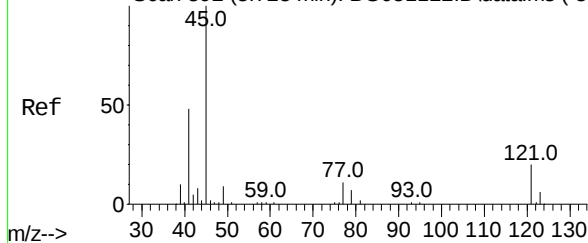
Benzyl Alcohol
 Concen: 44.24 ng
 RT: 8.441 min Scan# 844
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB140900BS

Tgt Ion:	79	Resp:	75307
Ion	Ratio	Lower	Upper
79	100		
108	67.9	48.2	72.4
77	67.6	57.3	85.9

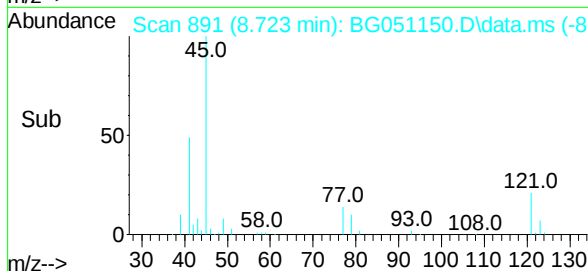
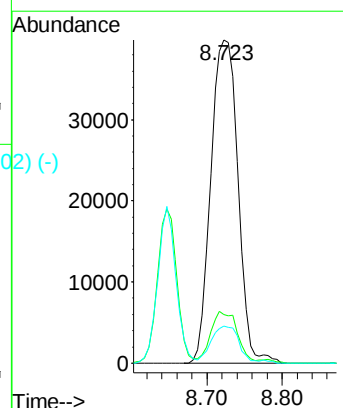
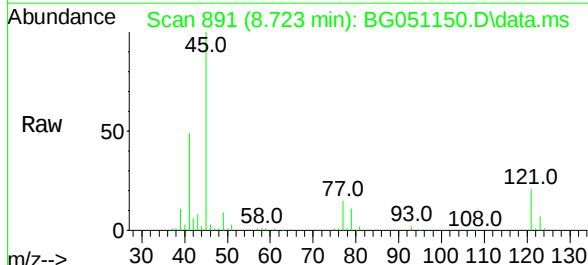


Abundance Scan 892 (8.728 min): BG051122.D\data.ms (-883) #16



2,2'-oxybis(1-Chloropropane)
 Concen: 41.94 ng
 RT: 8.723 min Scan# 891
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

Tgt Ion:	45	Resp:	100249
Ion	Ratio	Lower	Upper
45	100		
77	15.0	2.2	42.2
79	11.4	0.0	34.3



Abundance Scan 879 (8.652 min): BG051122.D\data.ms (-869) #17

2-Methylphenol

Concen: 45.80 ng

RT: 8.646 min Scan# 879

Delta R.T. -0.005 min

Lab File: BG051150.D

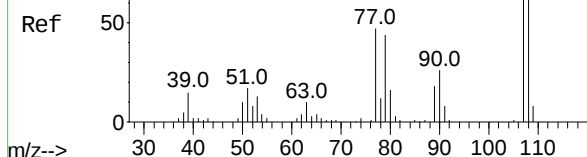
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:107 Resp: 67625

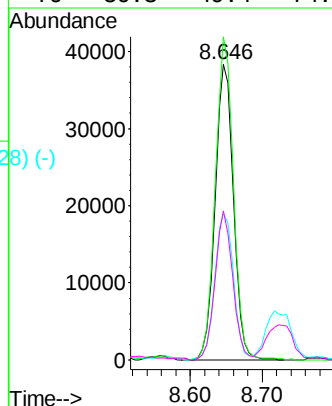
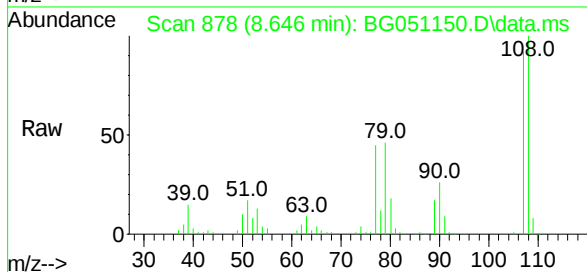
Ion Ratio Lower Upper

107 100

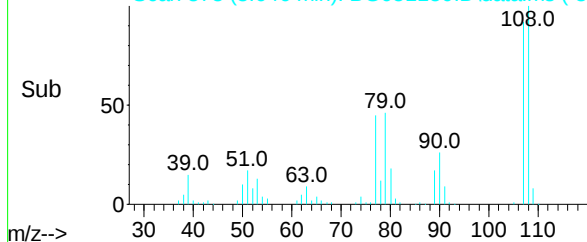
108 109.3 84.6 127.0

77 49.6 50.7 76.1#

79 50.3 49.4 74.0



Abundance Scan 878 (8.646 min): BG051150.D\data.ms (-828) (-)



Abundance Scan 989 (9.298 min): BG051122.D\data.ms (-981) #18

Hexachloroethane

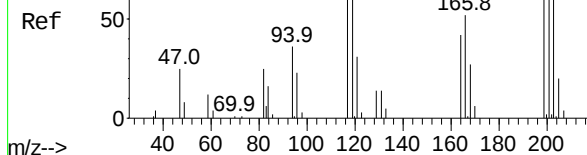
Concen: 41.83 ng

RT: 9.293 min Scan# 988

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



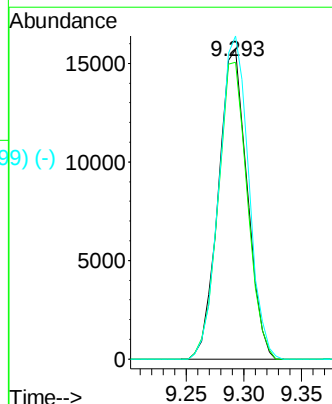
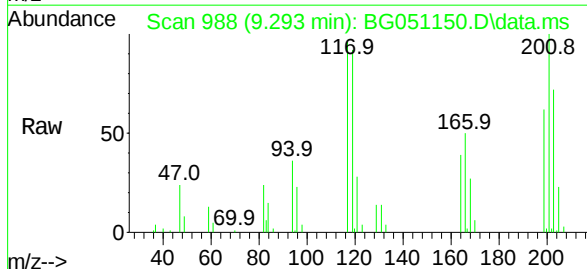
Tgt Ion:117 Resp: 27526

Ion Ratio Lower Upper

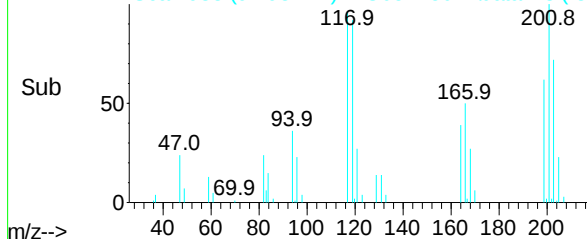
117 100

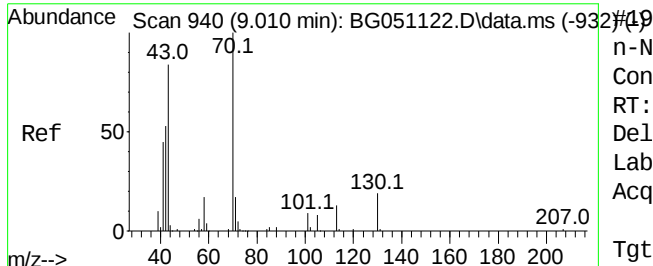
119 95.7 74.4 111.6

201 104.2 88.6 133.0



Abundance Scan 988 (9.293 min): BG051150.D\data.ms (-899) (-)

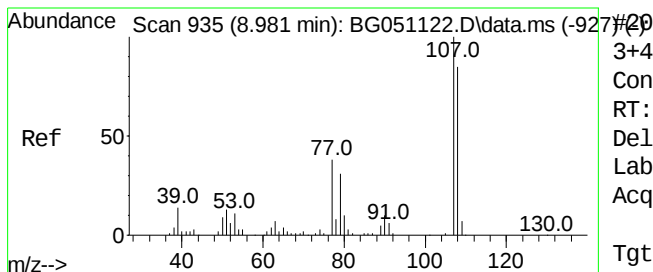
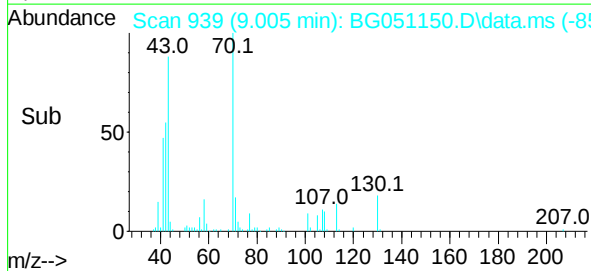
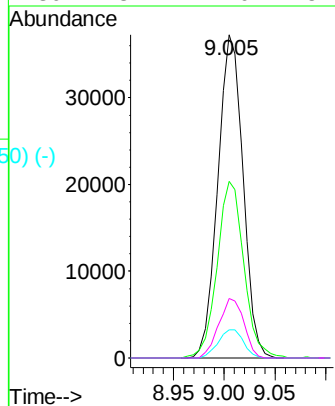
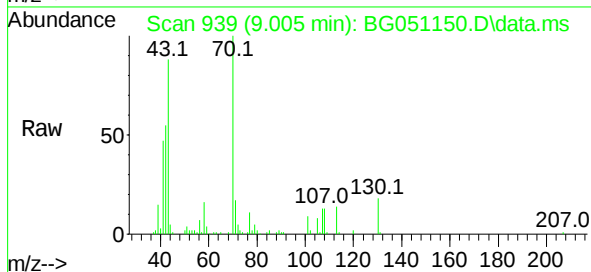




n-Nitroso-di-n-propylamine
 Concen: 40.76 ng
 RT: 9.005 min Scan# 939
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

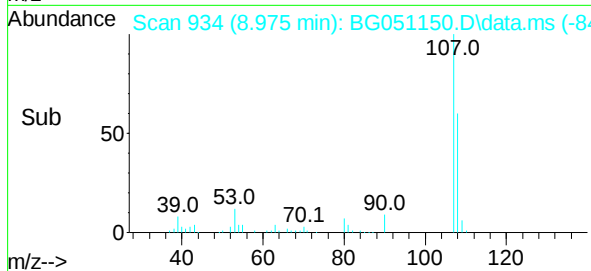
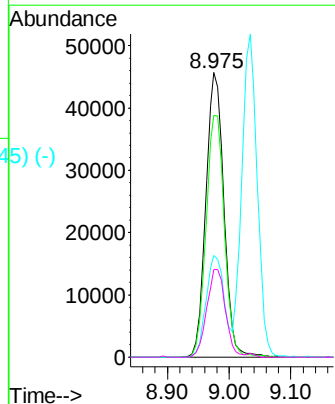
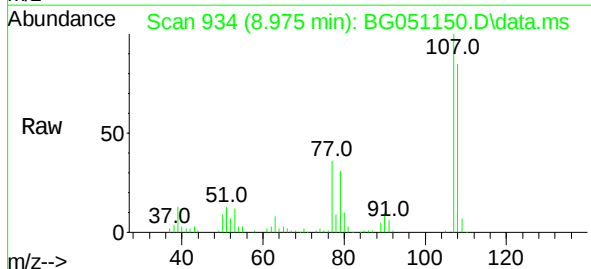
Instrument :
 BNA_G
 ClientSampleId :
 PB140900BS

Tgt Ion:	70	Resp:	64100
Ion	Ratio	Lower	Upper
70	100		
42	54.6	54.5	81.7
101	8.7	9.0	13.6#
130	18.4	17.0	25.6



3+4-Methylphenols
 Concen: 43.87 ng
 RT: 8.975 min Scan# 934
 Delta R.T. -0.005 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

Tgt Ion:	107	Resp:	92309
Ion	Ratio	Lower	Upper
107	100		
108	85.0	69.3	109.3
77	35.8	25.2	65.2
79	30.8	15.1	55.1



Abundance Scan 1285 (11.037 min): BG051122.D\data.ms (-1725) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.032 min Scan# 1285

Delta R.T. -0.005 min

Lab File: BG051150.D

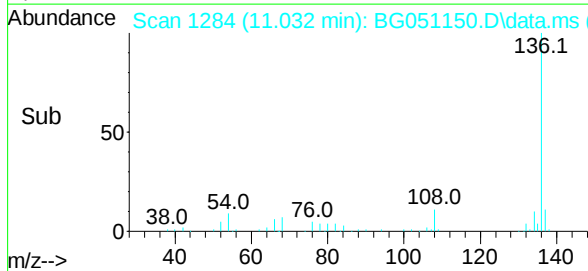
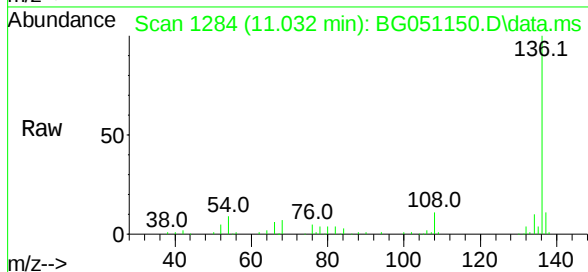
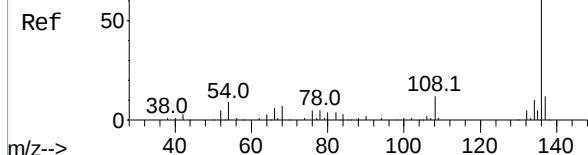
Acq: 20 Nov 2021 16:31

Instrument :

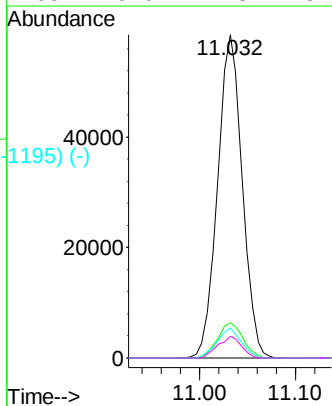
BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:	136	Resp:	104180
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	9.3	5.5	8.3#
68	6.6	2.3	3.5#



Abundance Scan 945 (9.039 min): BG051122.D\data.ms (-938) (-)

Acetophenone

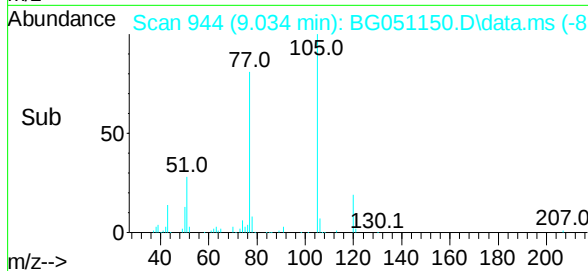
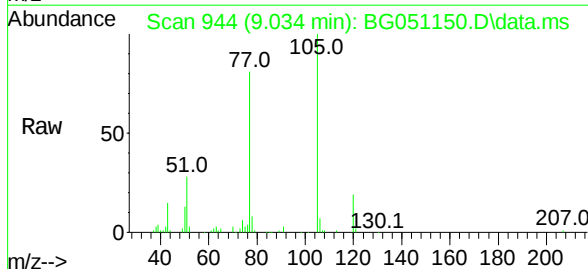
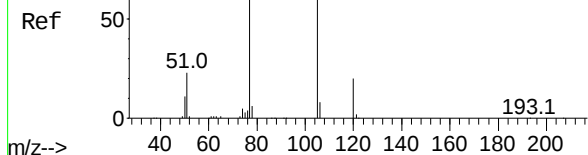
Concen: 39.17 ng

RT: 9.034 min Scan# 944

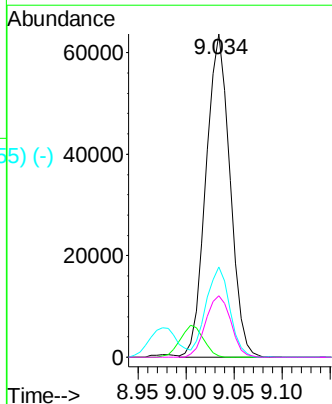
Delta R.T. -0.005 min

Lab File: BG051150.D

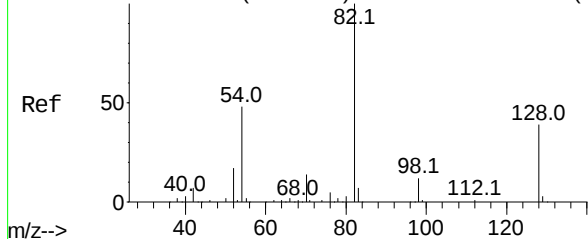
Acq: 20 Nov 2021 16:31



Tgt Ion:	105	Resp:	110234
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	0.8#
51	27.8	26.6	40.0
120	19.1	16.2	24.4



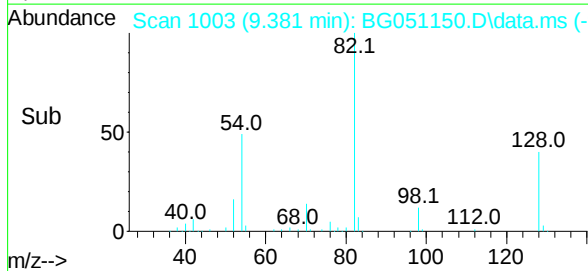
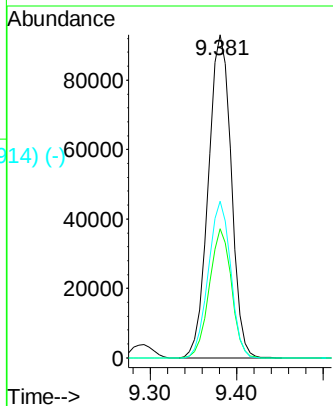
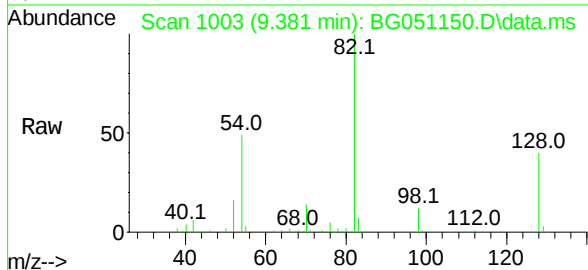
Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)



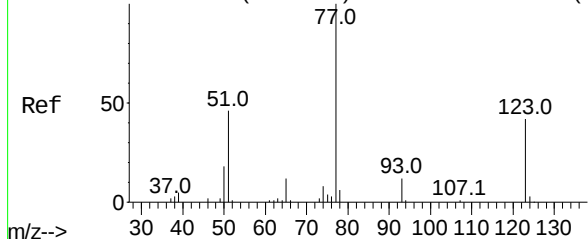
Nitrobenzene-d5
Concen: 75.19 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Instrument :
BNA_G
ClientSampleId :
PB140900BS

Tgt Ion: 82 Resp: 171609
Ion Ratio Lower Upper
82 100
128 40.0 29.8 44.6
54 48.6 45.8 68.8

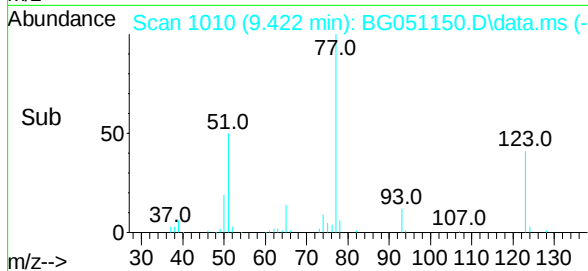
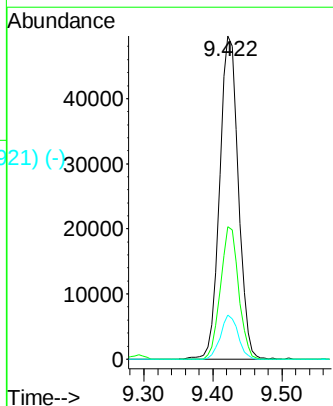
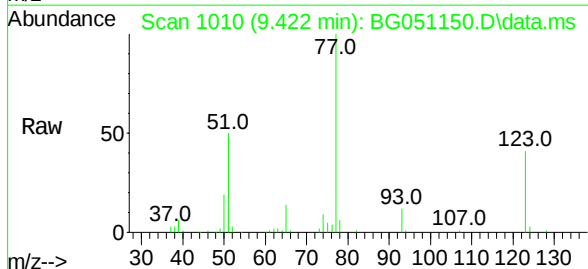


Abundance Scan 1011 (9.427 min): BG051122.D\data.ms (-99624)



Nitrobenzene
Concen: 42.08 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Tgt Ion: 77 Resp: 93126
Ion Ratio Lower Upper
77 100
123 40.9 27.5 41.3
65 13.7 12.6 18.8



Abundance Scan 1099 (9.944 min): BG051122.D\data.ms (-10925)

Isophorone

Concen: 41.59 ng

RT: 9.945 min Scan# 1125

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion: 82 Resp: 170888

Ion Ratio Lower Upper

82 100

95 7.1 8.5 12.7#

138 15.8 11.8 17.6

Abundance Scan 1099 (9.945 min): BG051150.D\data.ms

Ref 50

39.0 54.0 82.0 110.0 138.1

m/z-->

Abundance Raw

39.0 54.0 82.0 110.1 138.1

m/z-->

Abundance Scan 1099 (9.945 min): BG051150.D\data.ms (-1009)

Sub 50

39.0 54.0 82.0 110.1 138.1

m/z-->

Abundance

9.945

80000

60000

40000

20000

0

Time-->

Abundance Scan 1133 (10.144 min): BG051122.D\data.ms (-1126)

2-Nitrophenol

Concen: 42.26 ng

RT: 10.139 min Scan# 1132

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:139 Resp: 42340

Ion Ratio Lower Upper

139 100

109 33.1 37.8 56.6#

65 54.6 51.8 77.8

Abundance Scan 1132 (10.139 min): BG051150.D\data.ms

Ref 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Raw

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance Scan 1132 (10.139 min): BG051150.D\data.ms (-1043)

Sub 50

39.0 65.0 81.0 109.0 139.0

m/z-->

Abundance

10.139

20000

15000

10000

5000

0

Time-->

Abundance Scan 1141 (10.191 min): BG051122.D\data.ms (-125) (-)

2,4-Dimethylphenol

Concen: 49.43 ng

RT: 10.186 min Scan# 1141

Delta R.T. -0.005 min

Lab File: BG051150.D

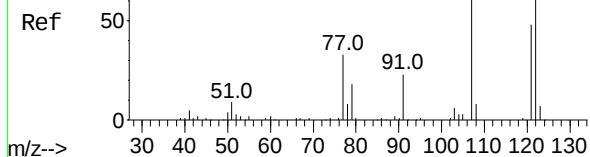
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



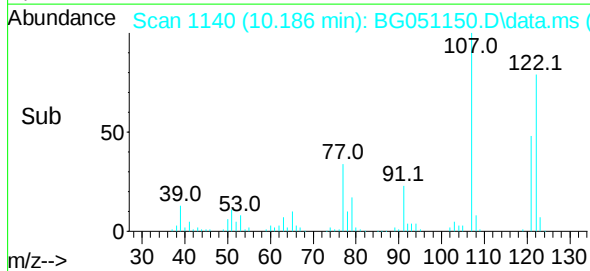
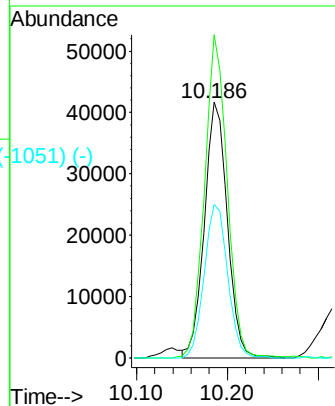
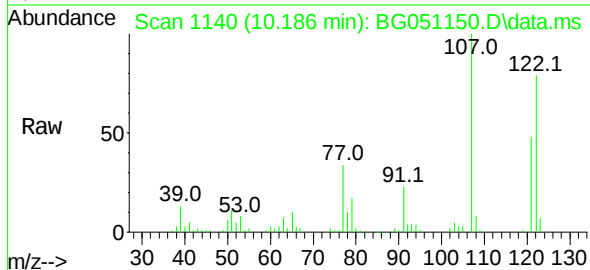
Tgt Ion: 122 Resp: 73101

Ion Ratio Lower Upper

122 100

107 126.3 110.1 165.1

121 60.0 49.0 73.6



Abundance Scan 1180 (10.420 min): BG051122.D\data.ms (-123) (-)

bis(2-Chloroethoxy)methane

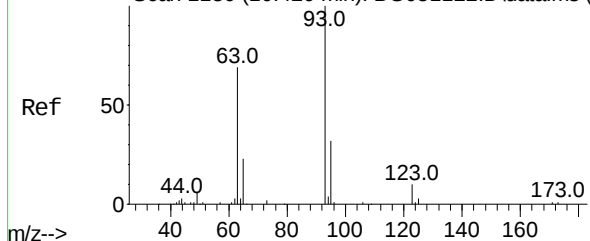
Concen: 39.80 ng

RT: 10.421 min Scan# 1180

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



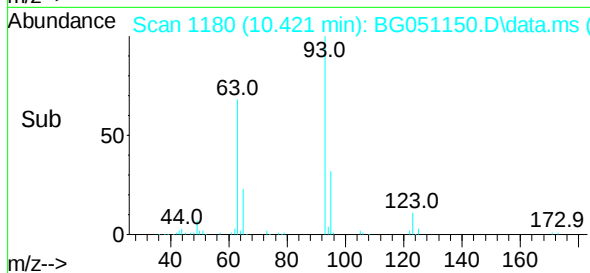
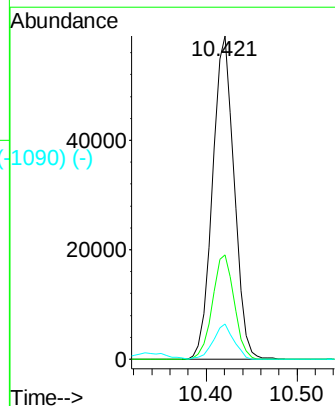
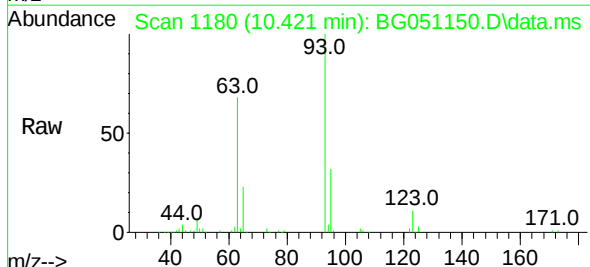
Tgt Ion: 93 Resp: 97370

Ion Ratio Lower Upper

93 100

95 32.3 22.2 33.4

123 10.9 8.8 13.2



Abundance Scan 1225 (10.685 min): BG051122.D\data.ms (-1225) (-)

2,4-Dichlorophenol

Concen: 43.85 ng

RT: 10.679 min Scan# 1225

Delta R.T. -0.005 min

Lab File: BG051150.D

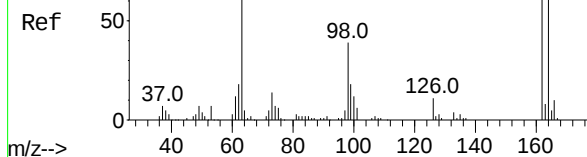
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



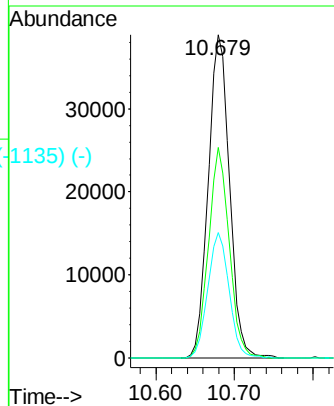
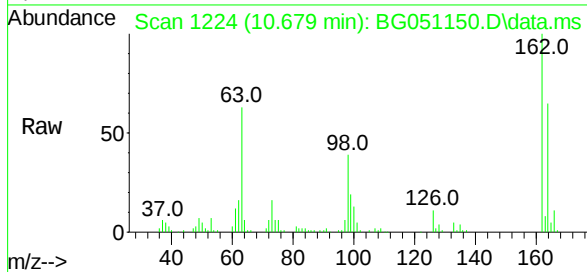
Tgt Ion:162 Resp: 73185

Ion Ratio Lower Upper

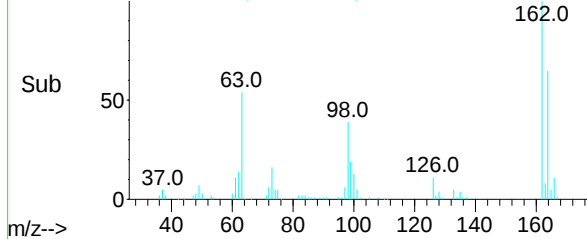
162 100

164 65.1 39.4 79.4

98 38.8 18.7 58.7



Abundance Scan 1224 (10.679 min): BG051150.D\data.ms (-1135) (-)



Abundance Scan 1261 (10.896 min): BG051122.D\data.ms (-1261) (-)

1,2,4-Trichlorobenzene

Concen: 40.00 ng

RT: 10.891 min Scan# 1260

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

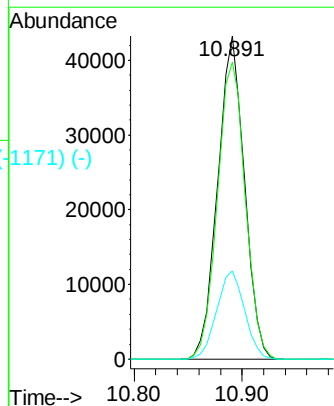
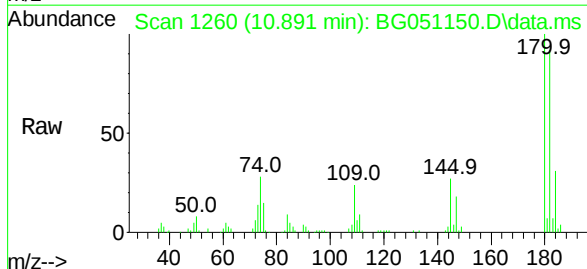
Tgt Ion:180 Resp: 74996

Ion Ratio Lower Upper

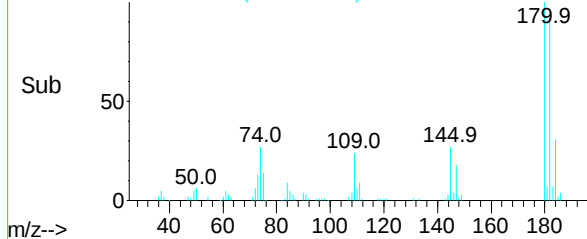
180 100

182 91.9 78.9 118.3

145 27.4 26.2 39.4



Abundance Scan 1260 (10.891 min): BG051150.D\data.ms (-1171) (-)



Abundance Scan 1293 (11.084 min): BG051122.D\data.ms (-1283) (-)

Naphthalene

Concen: 40.46 ng

RT: 11.085 min Scan# 1167

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:128 Resp: 222447

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 13.3 10.2 15.4

Abundance Scan 1293 (11.085 min): BG051150.D\data.ms

Ref 50

37.0 51.0 75.0 102.0 128.0

m/z-->

Raw 50

37.0 51.0 75.0 102.0 128.0

m/z-->

Sub 50

37.0 51.0 75.0 102.0 128.0

m/z-->

Abundance

11.085

100000

50000

0

Time-->

Abundance Scan 1293 (11.085 min): BG051150.D\data.ms (-1203) (-)

Ref 50

37.0 51.0 75.0 102.0 128.0

m/z-->

Raw 50

37.0 51.0 75.0 102.0 128.0

m/z-->

Sub 50

37.0 51.0 75.0 102.0 128.0

m/z-->

Time-->

Abundance Scan 1167 (10.344 min): BG051122.D\data.ms (-1132) (-)

Benzoic acid

Concen: 42.91 ng

RT: 10.344 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:122 Resp: 44091

Ion Ratio Lower Upper

122 100

105 128.7 92.3 132.3

77 104.7 66.5 106.5

Abundance Scan 1167 (10.344 min): BG051150.D\data.ms

Ref 50

38.0 51.0 77.0 105.0 122.0

m/z-->

Raw 50

38.0 51.0 77.0 105.0 122.0

m/z-->

Sub 50

38.0 51.0 77.0 105.0 122.0

m/z-->

Abundance

10.344

40000

30000

20000

10000

0

Time-->

Abundance Scan 1167 (10.344 min): BG051150.D\data.ms (-1077) (-)

Ref 50

38.0 51.0 77.0 105.0 122.0

m/z-->

Raw 50

38.0 51.0 77.0 105.0 122.0

m/z-->

Sub 50

38.0 51.0 77.0 105.0 122.0

m/z-->

Time-->

Abundance Scan 1312 (11.196 min): BG051122.D\data.ms (-1333) (-)

4-Chloroaniline

Concen: 35.16 ng

RT: 11.190 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BG051150.D

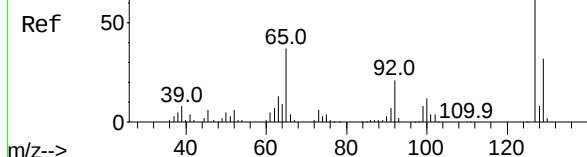
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:127 Resp: 83058

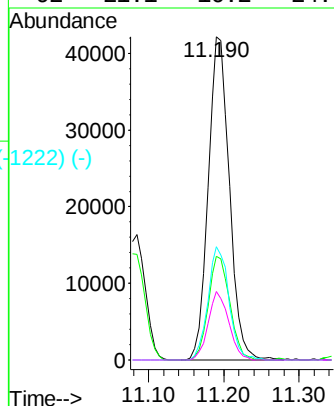
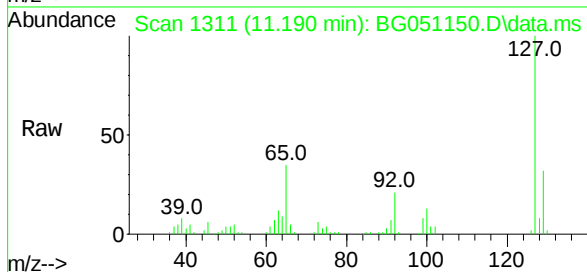
Ion Ratio Lower Upper

127 100

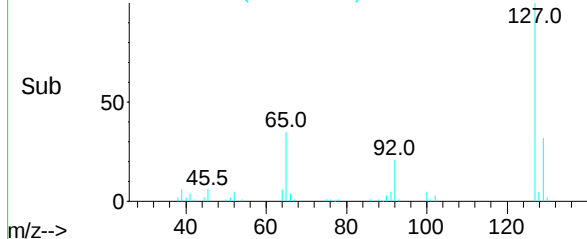
129 32.0 26.7 40.1

65 35.1 32.8 49.2

92 21.1 16.2 24.4



Abundance Scan 1311 (11.190 min): BG051150.D\data.ms (-1222) (-)



Abundance Scan 1339 (11.354 min): BG051122.D\data.ms (-1331) (-)

Hexachlorobutadiene

Concen: 39.04 ng

RT: 11.349 min Scan# 1338

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

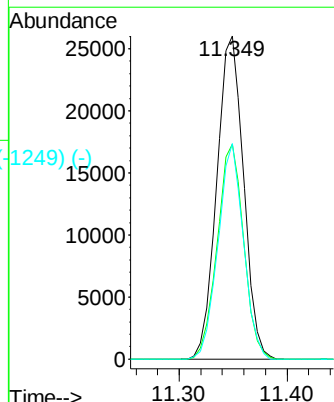
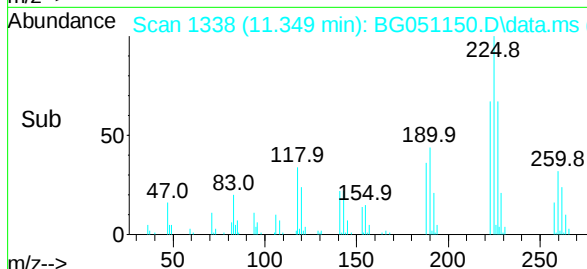
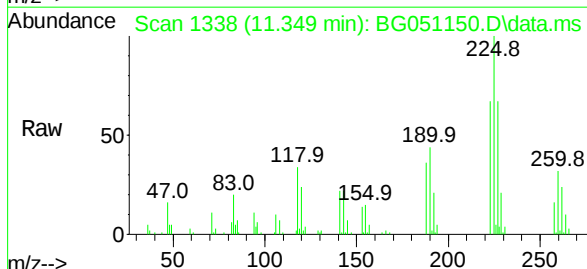
Tgt Ion:225 Resp: 45196

Ion Ratio Lower Upper

225 100

223 66.6 49.8 74.8

227 66.8 46.4 69.6



Abundance Scan 1338 (11.349 min): BG051150.D\data.ms (-1249) (-)



Abundance Scan 1444 (11.971 min): BG051122.D\data.ms (-1435) (-)

Caprolactam

Concen: 40.21 ng

RT: 11.972 min Scan# 1444

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:113 Resp: 17923

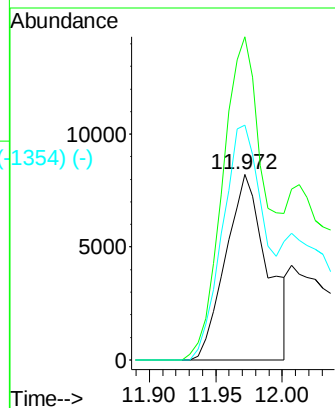
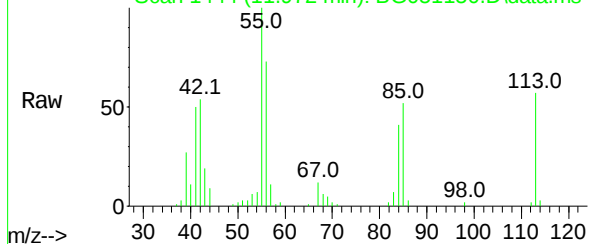
Ion Ratio Lower Upper

113 100

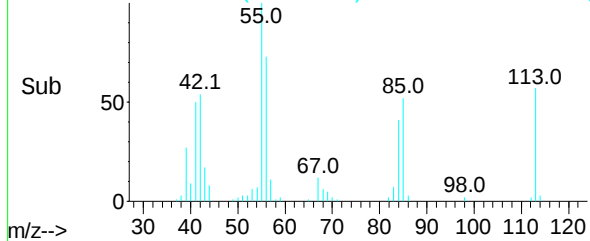
55 174.2 113.8 153.8#

56 126.7 105.6 145.6

Abundance Scan 1444 (11.972 min): BG051150.D\data.ms



Abundance Scan 1444 (11.972 min): BG051150.D\data.ms (-1354) (-)



Abundance Scan 1501 (12.306 min): BG051122.D\data.ms (-1436) (-)

4-Chloro-3-methylphenol

Concen: 45.37 ng

RT: 12.307 min Scan# 1501

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:107 Resp: 93496

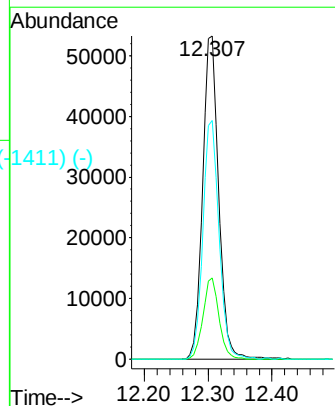
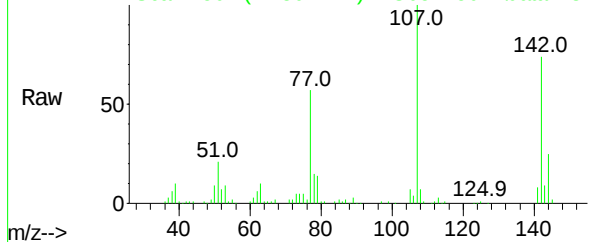
Ion Ratio Lower Upper

107 100

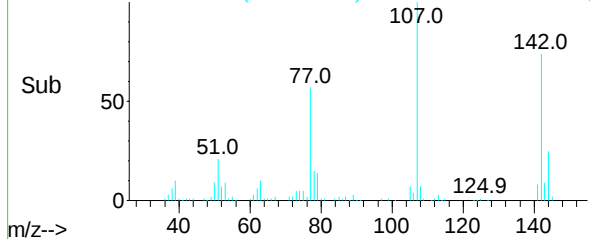
144 25.1 24.8 37.2

142 74.0 62.2 93.4

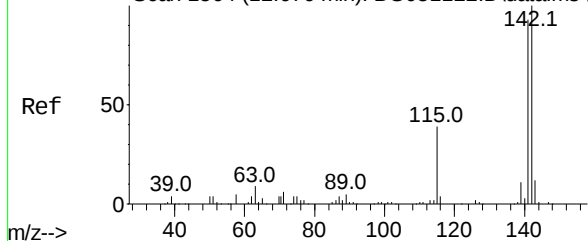
Abundance Scan 1501 (12.307 min): BG051150.D\data.ms



Abundance Scan 1501 (12.307 min): BG051150.D\data.ms (-1411) (-)



Abundance Scan 1564 (12.676 min): BG051122.D\data.ms (-1536) (-)



2-Methylnaphthalene

Concen: 42.80 ng

RT: 12.677 min Scan# 1564

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

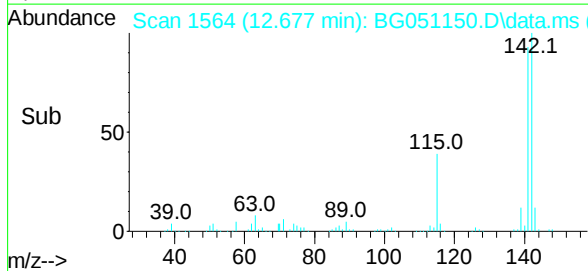
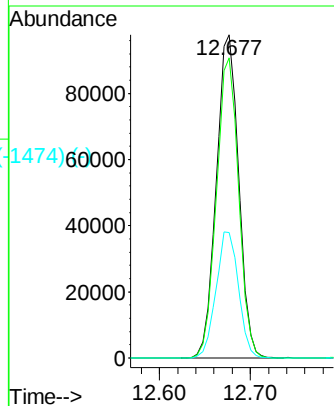
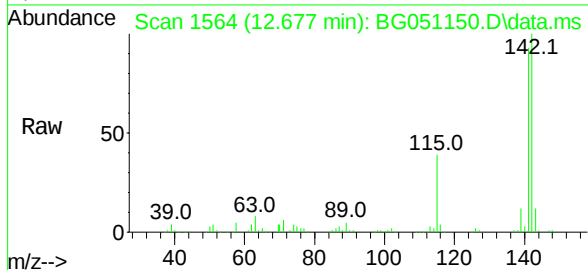
Tgt Ion:142 Resp: 166710

Ion Ratio Lower Upper

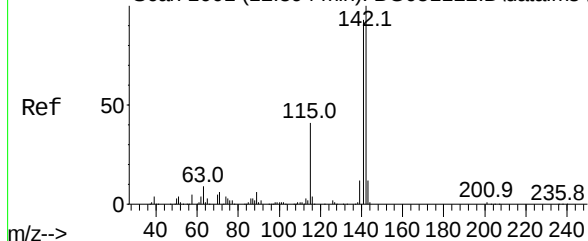
142 100

141 92.8 68.8 103.2

115 38.7 36.4 54.6



Abundance Scan 1601 (12.894 min): BG051122.D\data.ms (-1536) (-)



1-Methylnaphthalene

Concen: 41.11 ng

RT: 12.894 min Scan# 1601

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

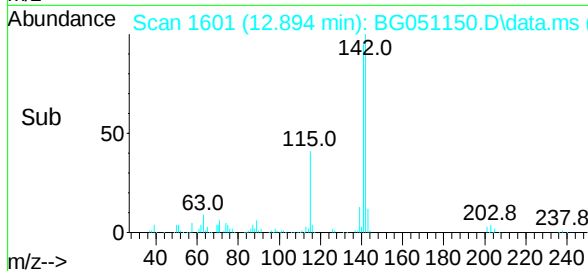
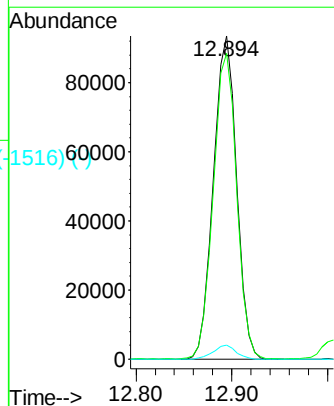
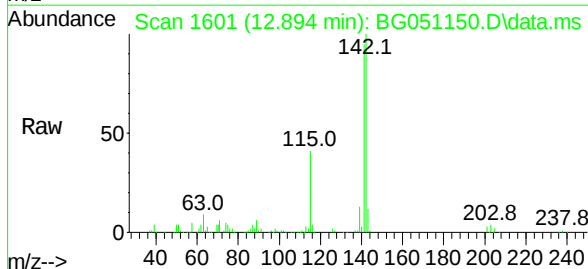
Tgt Ion:142 Resp: 156301

Ion Ratio Lower Upper

142 100

141 94.7 70.6 106.0

116 4.3 4.0 6.0



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1625) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.839 min Scan# 1625

Delta R.T. 0.001 min

Lab File: BG051150.D

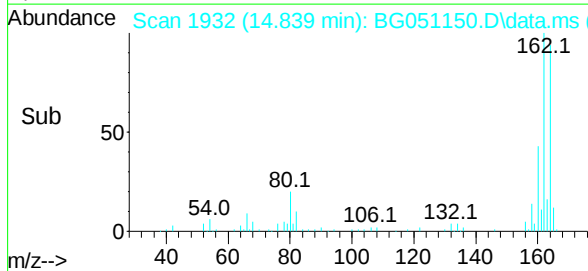
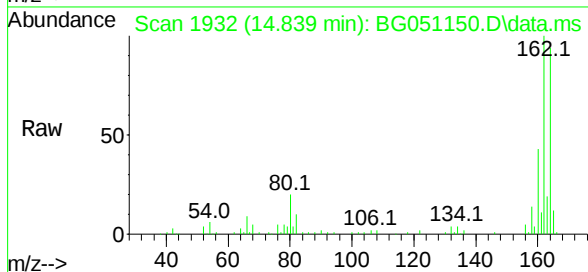
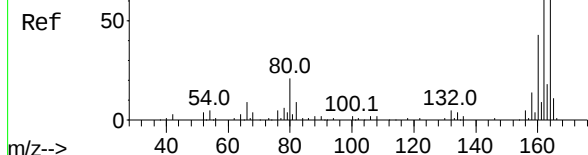
Acq: 20 Nov 2021 16:31

Instrument :

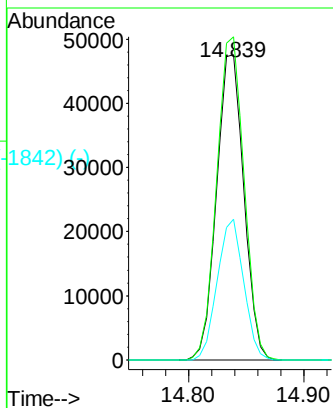
BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:	164	Resp:	78216
Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.4	122.0
160	46.0	34.9	52.3



Abundance Scan 1626 (13.041 min): BG051122.D\data.ms (-1616) (-)

1,2,4,5-Tetrachlorobenzene

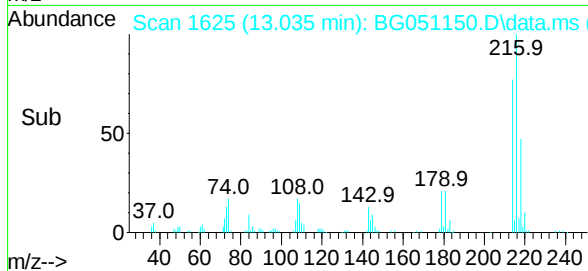
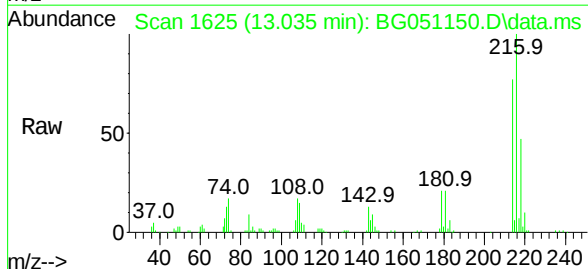
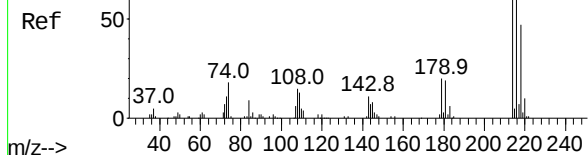
Concen: 38.31 ng

RT: 13.035 min Scan# 1625

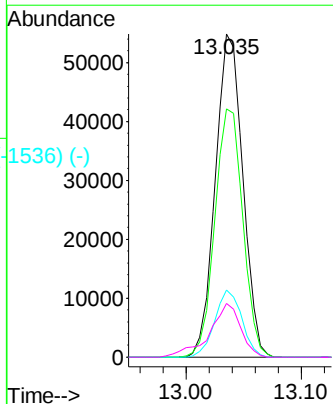
Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



Tgt Ion:	216	Resp:	91078
Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.4	92.2
179	20.4	17.3	25.9
108	18.8	16.3	24.5



Abundance Scan 1621 (13.011 min): BG051122.D\data.ms (-1614) (-)

Hexachlorocyclopentadiene

Concen: 101.01 ng

RT: 13.006 min Scan# 1614

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:237 Resp: 68671

Ion Ratio Lower Upper

237 100

235 65.3 36.6 76.6

272 11.6 0.0 32.5

Abundance Scan 1620 (13.006 min): BG051150.D\data.ms

Ref

60.0 95.0 129.9 166.9 236.8 271.8

m/z-->

Abundance

Raw

60.0 95.0 129.9 164.9 202.9 236.9 271.8

m/z-->

Abundance Scan 1620 (13.006 min): BG051150.D\data.ms (-1531) (-)

Sub

60.0 95.0 129.9 164.9 202.9 236.9 271.8

m/z-->

Abundance

13.006

40000

30000

20000

10000

0

Time-->

Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2179) (-)

2,4,6-Tribromophenol

Concen: 123.31 ng

RT: 16.325 min Scan# 2185

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:330 Resp: 102510

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 45.1 35.6 53.4

Abundance Scan 2185 (16.325 min): BG051150.D\data.ms

Ref

62.0 140.9 221.9 329.8

m/z-->

Abundance

Raw

62.0 103.0 140.9 221.9 329.8

m/z-->

Abundance Scan 2185 (16.325 min): BG051150.D\data.ms (-2096) (-)

Sub

62.0 103.0 140.9 221.9 329.8

m/z-->

Abundance

16.325

60000

40000

20000

0

Time-->

Abundance Scan 1667 (13.281 min): BG051122.D\data.ms (-1659) (-)

2,4,6-Trichlorophenol

Concen: 40.71 ng

RT: 13.276 min Scan#

Delta R.T. -0.005 min

Lab File: BG051150.D

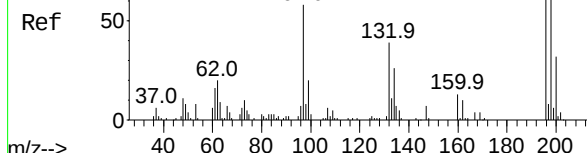
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



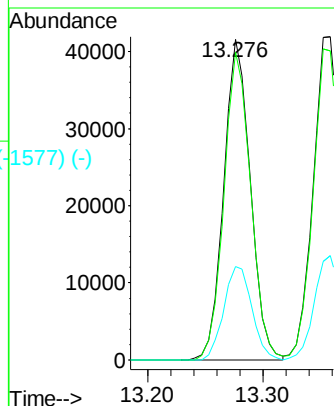
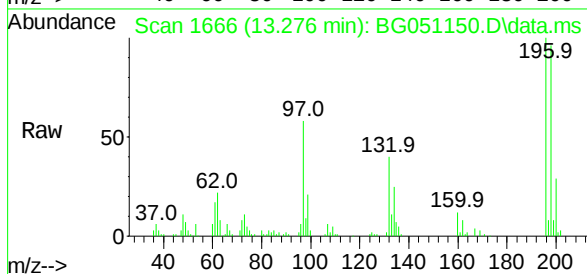
Tgt Ion:196 Resp: 66724

Ion Ratio Lower Upper

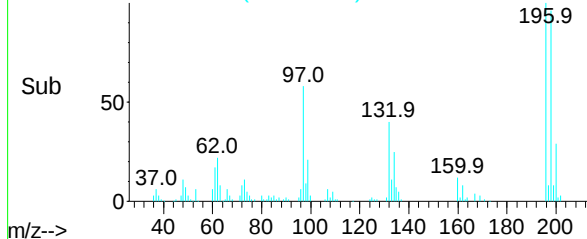
196 100

198 96.0 82.1 123.1

200 29.0 23.8 35.8



Abundance Scan 1666 (13.276 min): BG051150.D\data.ms (-1577) (-)



Abundance Scan 1680 (13.358 min): BG051122.D\data.ms (-1674) (-)

2,4,5-Trichlorophenol

Concen: 42.35 ng

RT: 13.358 min Scan# 1680

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:196 Resp: 75022

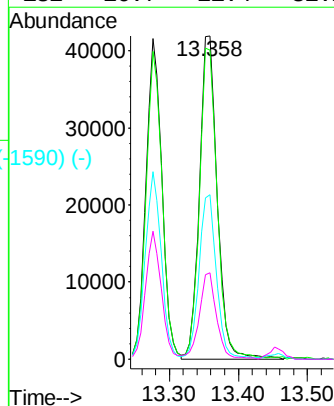
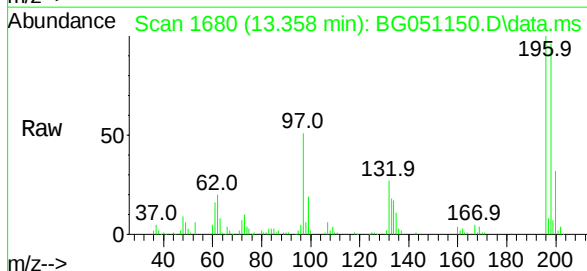
Ion Ratio Lower Upper

196 100

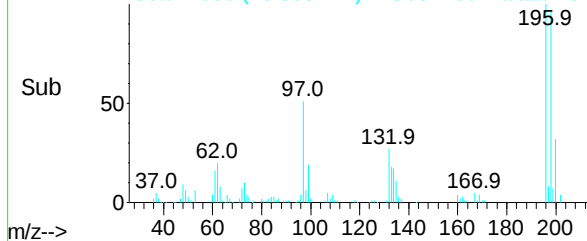
198 95.6 87.4 131.0

97 50.9 43.3 64.9

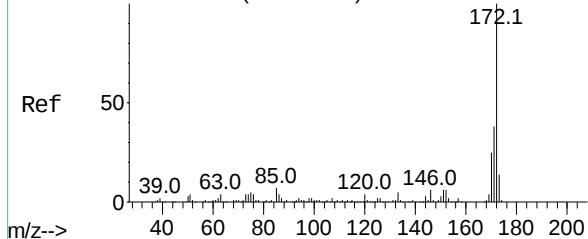
132 26.7 21.4 32.2



Abundance Scan 1680 (13.358 min): BG051150.D\data.ms (-1590) (-)



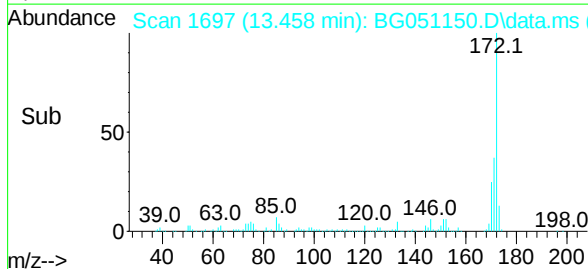
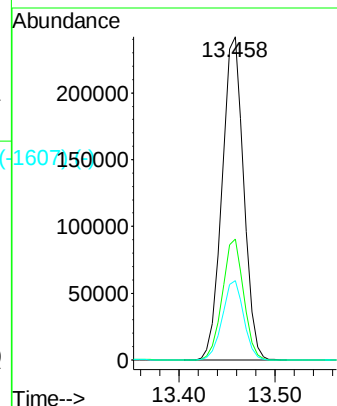
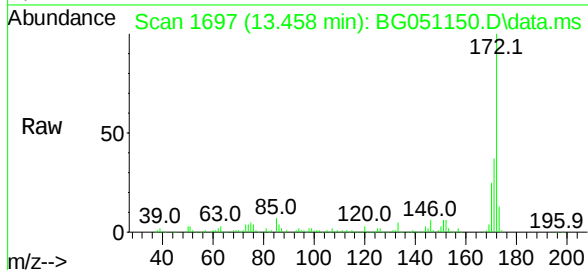
Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1645) (-)



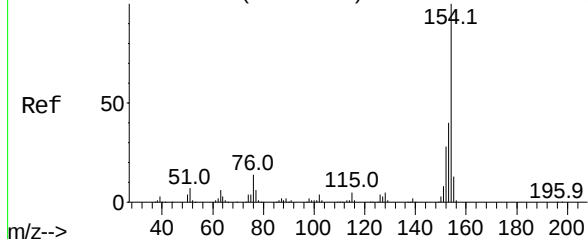
2-Fluorobiphenyl
Concen: 72.84 ng
RT: 13.458 min Scan# 1697
Delta R.T. 0.001 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Instrument :
BNA_G
ClientSampleId :
PB140900BS

Tgt Ion:	172	Resp:	377567
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	24.5	18.6	27.8

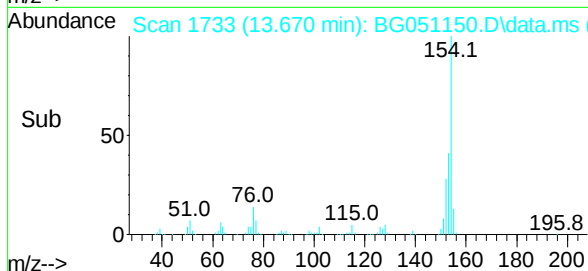
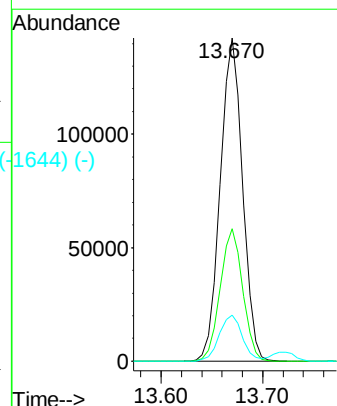
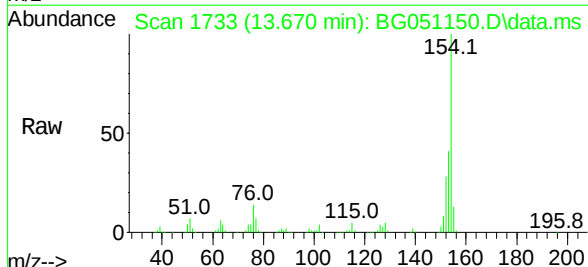


Abundance Scan 1734 (13.675 min): BG051122.D\data.ms (-1746) (-)



1,1'-Biphenyl
Concen: 38.82 ng
RT: 13.670 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Tgt Ion:	154	Resp:	218280
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	14.2	0.0	29.3



Abundance Scan 1742 (13.722 min): BG051122.D\data.ms (-1742) (-)

2-Chloronaphthalene

Concen: 39.61 ng

RT: 13.723 min Scan# 1742

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:162 Resp: 176323

Ion Ratio Lower Upper

162 100

127 38.0 32.7 49.1

164 33.2 27.0 40.4

Abundance Scan 1742 (13.723 min): BG051150.D\data.ms

Ref 50

162.0

127.0

101.0

75.0

51.0

37.0

63.0

81.0

101.0

127.0

162.0

m/z-->

Abundance Scan 1742 (13.723 min): BG051150.D\data.ms (-1652) (-)

Sub 50

162.0

127.0

101.0

75.0

50.0

m/z-->

Abundance

100000

80000

60000

40000

20000

0

13.723

Time-->

Abundance Scan 1777 (13.928 min): BG051122.D\data.ms (-1749) (-)

2-Nitroaniline

Concen: 42.91 ng

RT: 13.922 min Scan# 1776

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion: 65 Resp: 69039

Ion Ratio Lower Upper

65 100

92 68.2 47.2 70.8

138 95.5 68.0 102.0

Abundance Scan 1776 (13.922 min): BG051150.D\data.ms

Ref 50

138.0

92.0

108.0

65.0

39.0

m/z-->

Abundance Scan 1776 (13.922 min): BG051150.D\data.ms (-1687) (-)

Sub 50

138.0

92.0

108.0

65.0

39.0

m/z-->

Abundance

40000

30000

20000

10000

0

13.922

Time-->

Abundance Scan 1885 (14.562 min): BG051122.D\data.ms (-1749) (-)

Acenaphthylene

Concen: 41.17 ng

RT: 14.563 min Scan# 1885

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:152 Resp: 292185

Ion Ratio Lower Upper

152 100

151 21.1 18.2 27.4

153 13.4 11.7 17.5

Abundance Scan 1885 (14.563 min): BG051150.D\data.ms

Ref 50

152.0

51.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1885 (14.563 min): BG051150.D\data.ms

Raw 50

152.0

50.0 76.0 98.0 126.0

m/z-->

Abundance Scan 1885 (14.563 min): BG051150.D\data.ms (-1795) (-)

Sub 50

152.0

50.0 76.0 98.0 126.0

m/z-->

Abundance

14.563

150000

100000

50000

0

Time-->

Abundance Scan 1837 (14.280 min): BG051122.D\data.ms (-1850) (-)

Dimethylphthalate

Concen: 41.79 ng

RT: 14.281 min Scan# 1837

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:163 Resp: 251830

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.6 8.6 12.8

Abundance Scan 1837 (14.281 min): BG051150.D\data.ms

Ref 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance Scan 1837 (14.281 min): BG051150.D\data.ms

Raw 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance Scan 1837 (14.281 min): BG051150.D\data.ms (-1747) (-)

Sub 50

163.0

50.0 77.0 104.0 133.0 194.0

m/z-->

Abundance

14.281

150000

100000

50000

0

Time-->

Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1752) (-)

2,6-Dinitrotoluene

Concen: 44.45 ng

RT: 14.410 min Scan# 1859

Delta R.T. -0.005 min

Lab File: BG051150.D

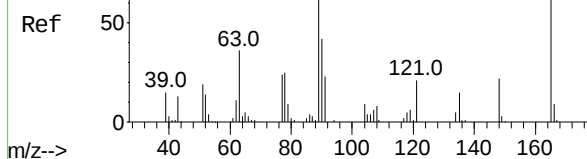
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



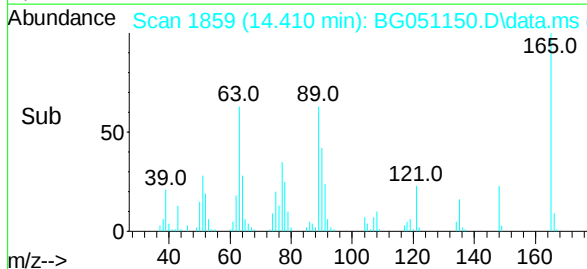
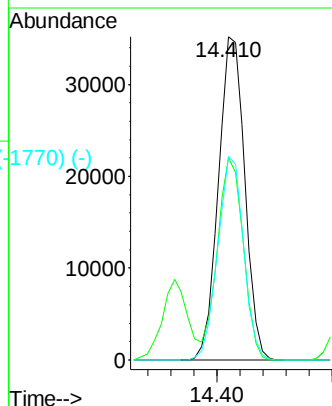
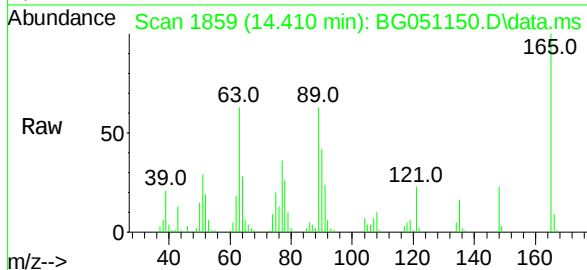
Tgt Ion:165 Resp: 55949

Ion Ratio Lower Upper

165 100

63 62.6 63.3 94.9#

89 62.9 63.4 95.0#



Abundance Scan 1943 (14.903 min): BG051122.D\data.ms (-1752) (-)

Acenaphthene

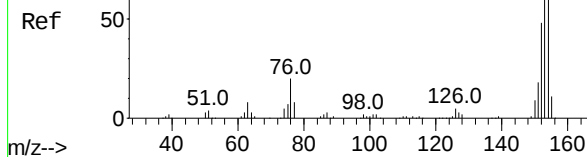
Concen: 41.00 ng

RT: 14.904 min Scan# 1943

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



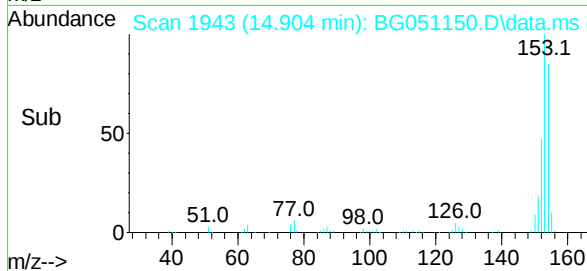
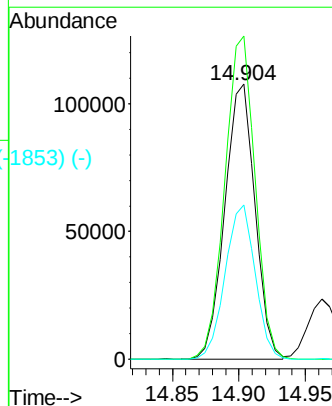
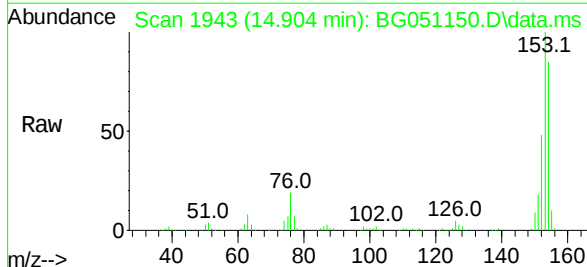
Tgt Ion:154 Resp: 169824

Ion Ratio Lower Upper

154 100

153 117.6 87.0 130.4

152 56.1 40.1 60.1



Abundance Scan 1917 (14.750 min): BG051122.D\data.ms (-1959) (-)

3-Nitroaniline

Concen: 36.69 ng

RT: 14.751 min Scan# 1917

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:138 Resp: 51730

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

92 120.4 96.4 144.6

Abundance Scan 1917 (14.751 min): BG051150.D\data.ms

Ref

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance Scan 1917 (14.751 min): BG051150.D\data.ms

Raw

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance Scan 1917 (14.751 min): BG051150.D\data.ms (-1827) (-)

Sub

50

39.0 65.0 92.0 108.0 138.0

m/z-->

Abundance

30000

20000

10000

0

14.751

Time-->

Abundance Scan 1953 (14.962 min): BG051122.D\data.ms (-1954) (-)

2,4-Dinitrophenol

Concen: 89.61 ng

RT: 14.962 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:184 Resp: 62852

Ion Ratio Lower Upper

184 100

63 66.8 68.3 102.5#

154 62.5 62.6 93.8#

Abundance Scan 1953 (14.962 min): BG051150.D\data.ms

Ref

50

38.0 63.0 91.0 119.9 154.0 184.0

m/z-->

Abundance Scan 1953 (14.962 min): BG051150.D\data.ms

Raw

50

38.0 63.0 91.0 119.9 154.0 184.0

m/z-->

Abundance Scan 1953 (14.962 min): BG051150.D\data.ms (-1863) (-)

Sub

50

38.0 63.0 91.0 119.9 154.0 184.0

m/z-->

Abundance

100000

80000

60000

40000

20000

0

14.962

Time-->

Abundance Scan 2000 (15.238 min): BG051122.D\data.ms (-1955) (-)

Dibenzofuran

Concen: 39.67 ng

RT: 15.233 min Scan# 1999

Delta R.T. -0.005 min

Lab File: BG051150.D

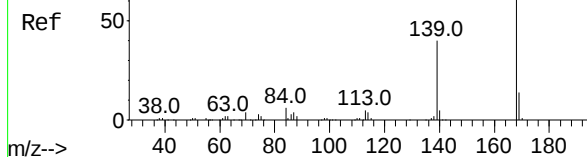
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



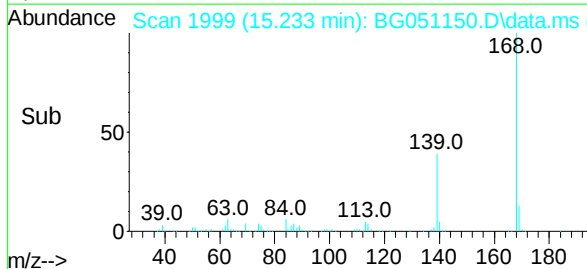
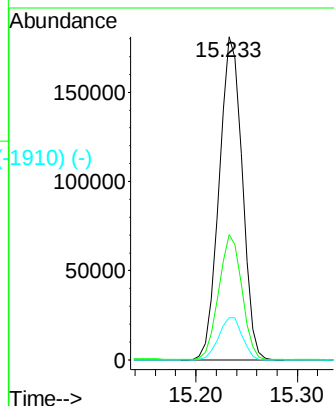
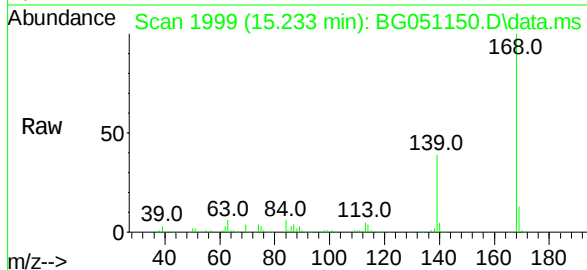
Tgt Ion:168 Resp: 285370

Ion Ratio Lower Upper

168 100

139 38.9 33.4 50.2

169 13.0 12.3 18.5



Abundance Scan 1970 (15.062 min): BG051122.D\data.ms (-1955) (-)

4-Nitrophenol

Concen: 93.27 ng

RT: 15.062 min Scan# 1970

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

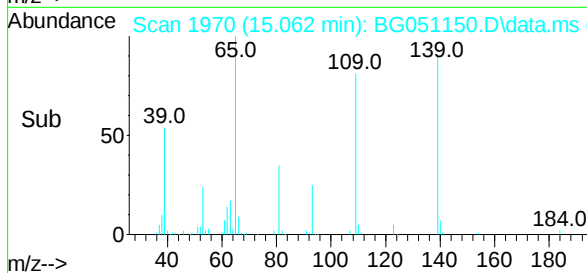
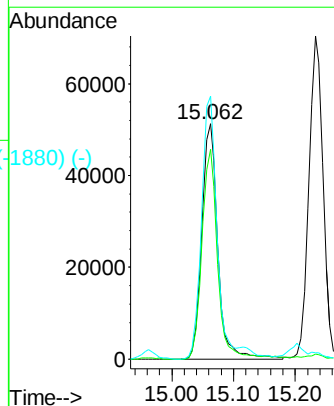
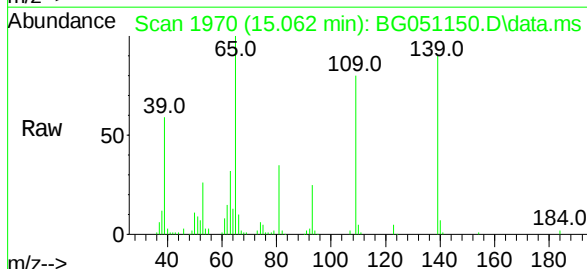
Tgt Ion:139 Resp: 92500

Ion Ratio Lower Upper

139 100

109 89.2 116.3 156.3#

65 111.4 105.0 145.0



Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)

2,4-Dinitrotoluene

Concen: 44.99 ng

RT: 15.203 min Scan# 1994

Delta R.T. 0.001 min

Lab File: BG051150.D

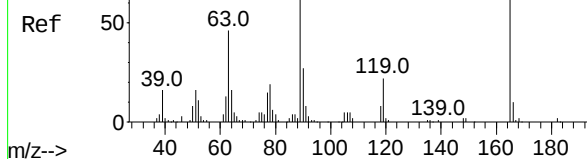
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:165 Resp: 81102

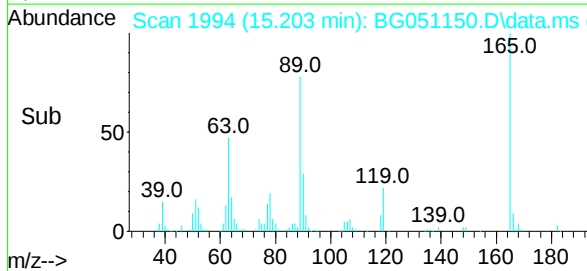
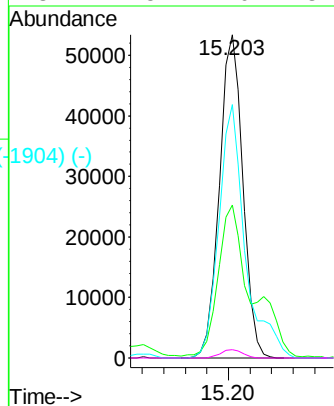
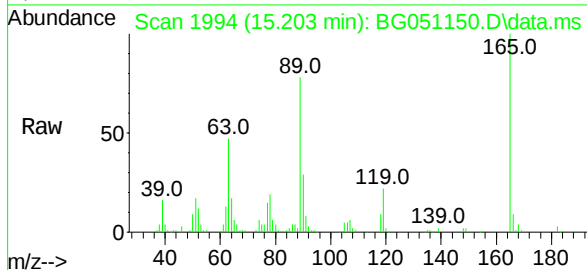
Ion Ratio Lower Upper

165 100

63 47.4 48.0 72.0#

89 78.5 65.4 98.0

182 2.5 2.0 3.0



Abundance Scan 2110 (15.884 min): BG051122.D\data.ms (-2152) (-)

Fluorene

Concen: 42.23 ng

RT: 15.885 min Scan# 2110

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

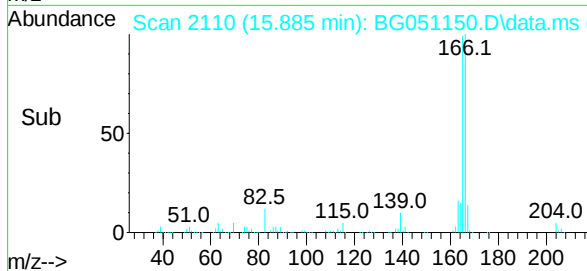
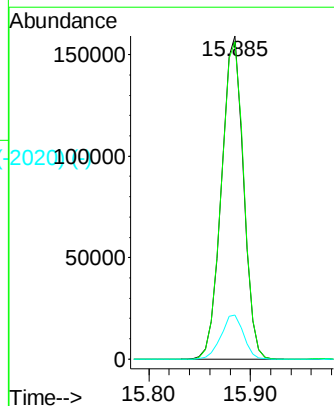
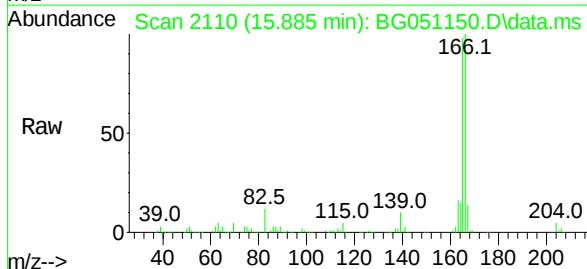
Tgt Ion:166 Resp: 238494

Ion Ratio Lower Upper

166 100

165 98.3 77.7 116.5

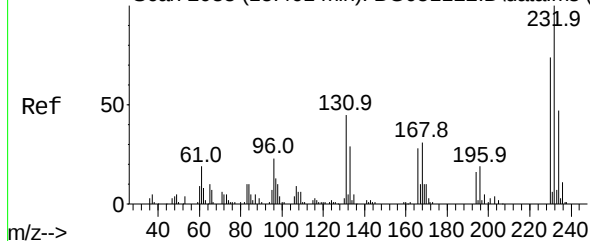
167 13.7 10.8 16.2



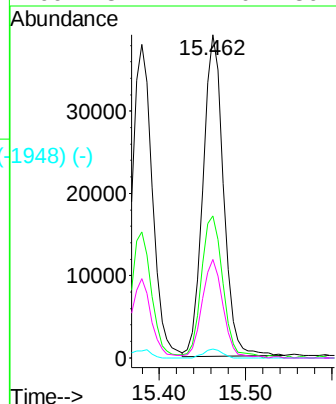
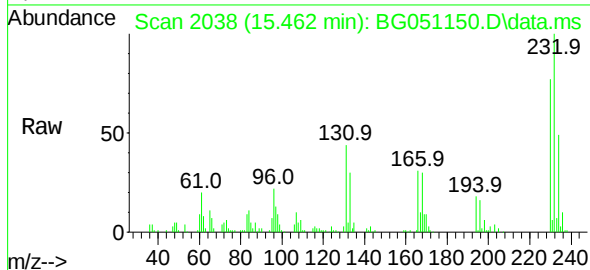
Abundance Scan 2038 (15.461 min): BG051122.D\data.ms (-259) (-)

2,3,4,6-Tetrachlorophenol
Concen: 42.21 ng
RT: 15.462 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

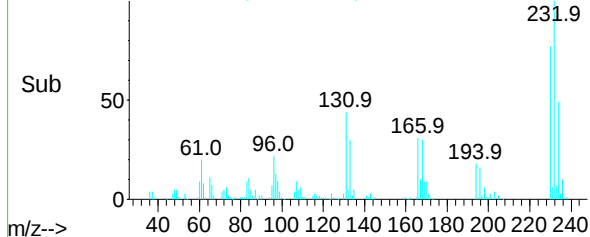
Instrument :
BNA_G
ClientSampleId :
PB140900BS



Tgt Ion:	232	Resp:	64194
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.2	55.8
130	2.5	2.8	4.2#
166	31.4	24.0	36.0



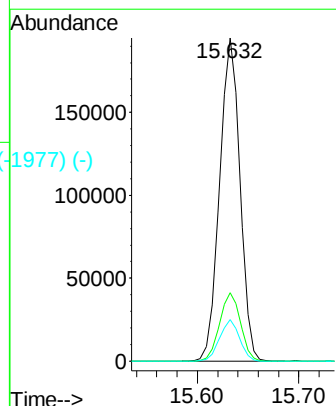
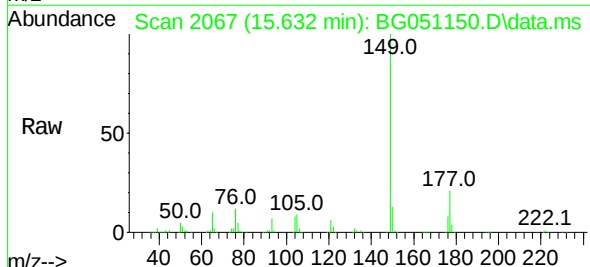
Abundance Scan 2038 (15.462 min): BG051150.D\data.ms (-1948) (-)



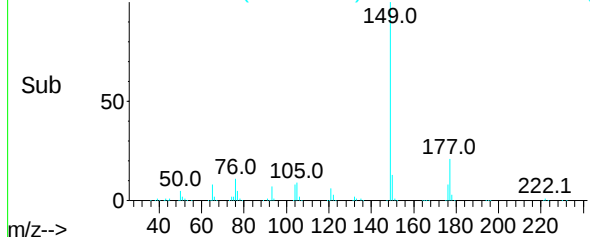
Abundance Scan 2067 (15.632 min): BG051122.D\data.ms (-260) (-)

Diethylphthalate
Concen: 42.67 ng
RT: 15.632 min Scan# 2067
Delta R.T. 0.001 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Tgt Ion:	149	Resp:	271137
Ion	Ratio	Lower	Upper
149	100		
177	21.2	19.0	28.6
150	12.9	10.2	15.4



Abundance Scan 2067 (15.632 min): BG051150.D\data.ms (-1977) (-)



Abundance Scan 2107 (15.867 min): BG051122.D\data.ms (-2107) (-)

4-Chlorophenyl-phenylether

Concen: 40.89 ng

RT: 15.867 min Scan# 2107

Delta R.T. 0.001 min

Lab File: BG051150.D

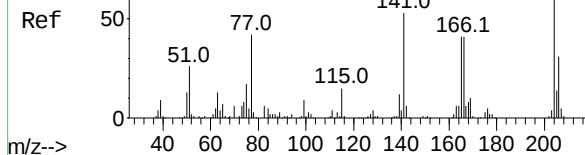
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



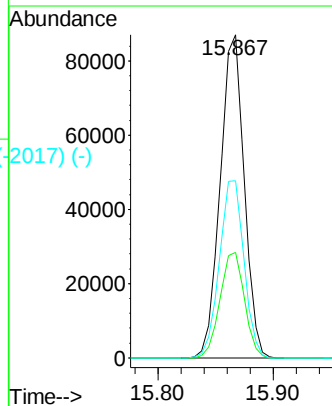
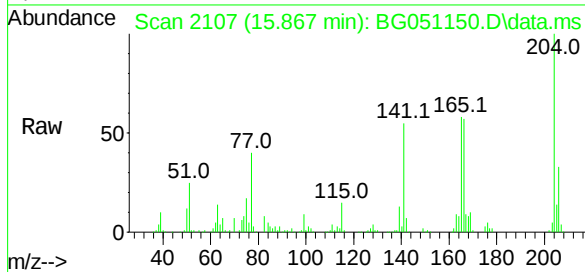
Tgt Ion:204 Resp: 126235

Ion Ratio Lower Upper

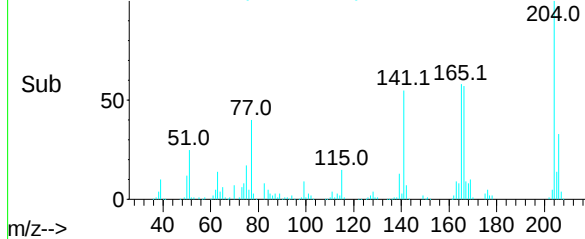
204 100

206 32.7 24.6 37.0

141 54.8 47.8 71.8



Abundance Scan 2107 (15.867 min): BG051150.D\data.ms (-2107) (-)



Abundance Scan 2115 (15.914 min): BG051122.D\data.ms (-2115) (-)

4-Nitroaniline

Concen: 41.36 ng

RT: 15.914 min Scan# 2115

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

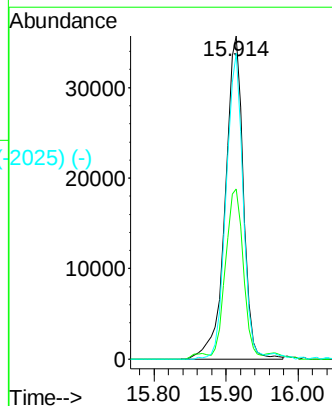
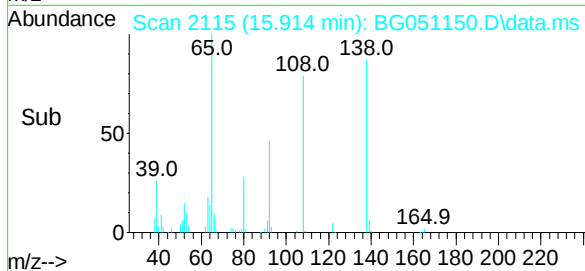
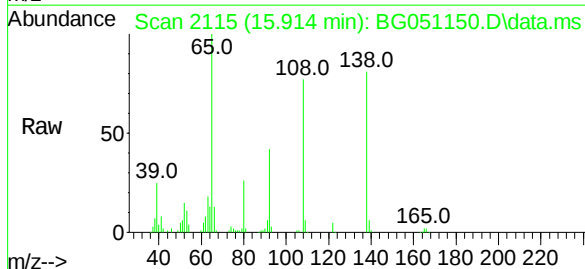
Tgt Ion:138 Resp: 62354

Ion Ratio Lower Upper

138 100

92 52.6 32.3 72.3

108 94.7 132.4 172.4#



Abundance Scan 2115 (15.914 min): BG051150.D\data.ms (-2115) (-)



Abundance Scan 2157 (16.160 min): BG051122.D\data.ms (-2157) (-)

Azobenzene

Concen: 41.47 ng

RT: 16.161 min Scan# 2157

Delta R.T. 0.001 min

Lab File: BG051150.D

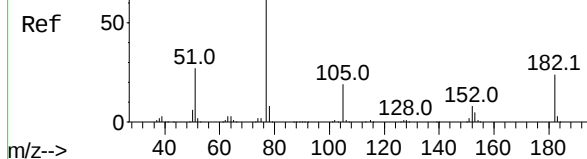
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



Tgt Ion: 77 Resp: 263904

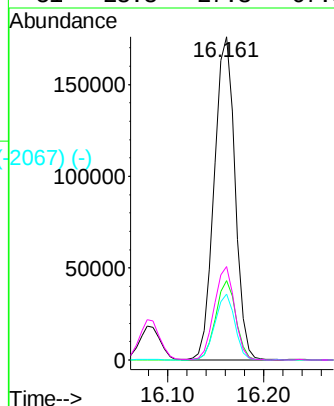
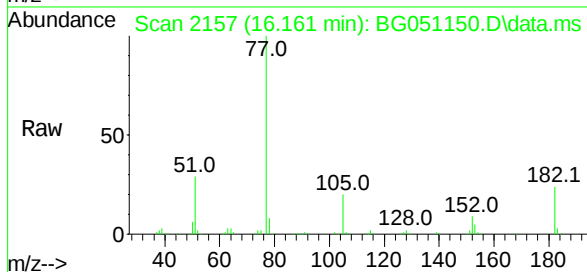
Ion Ratio Lower Upper

77 100

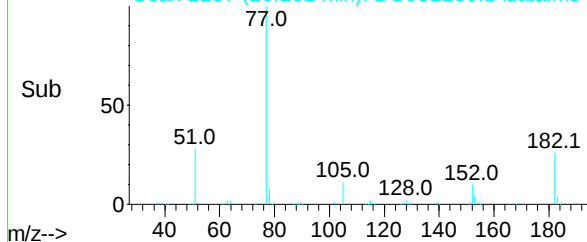
182 24.5 7.9 47.9

105 20.4 0.0 37.9

51 28.8 27.3 67.3



Abundance Scan 2157 (16.161 min): BG051150.D\data.ms (-2157) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2400) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.589 min Scan# 2400

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

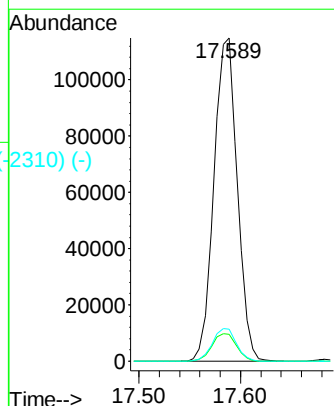
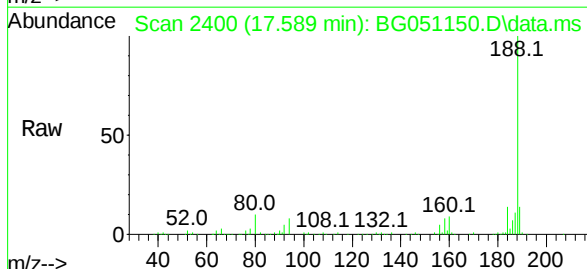
Tgt Ion: 188 Resp: 183076

Ion Ratio Lower Upper

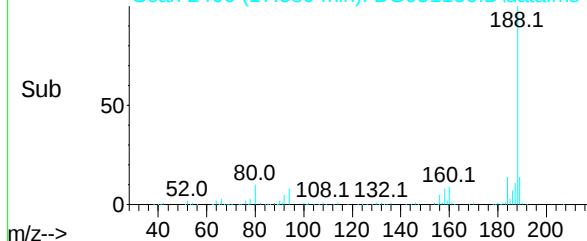
188 100

94 8.4 5.4 8.0#

80 9.9 3.7 5.5#



Abundance Scan 2400 (17.589 min): BG051150.D\data.ms (-2400) (-)



Abundance Scan 2124 (15.967 min): BG051122.D\data.ms (-2166) (-)

4,6-Dinitro-2-methylphenol

Concen: 41.57 ng

RT: 15.967 min Scan# 2124

Delta R.T. 0.001 min

Lab File: BG051150.D

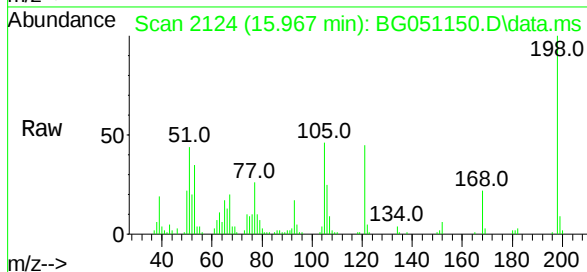
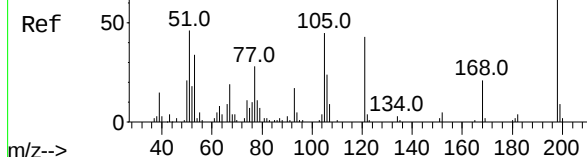
Acq: 20 Nov 2021 16:31

Instrument :

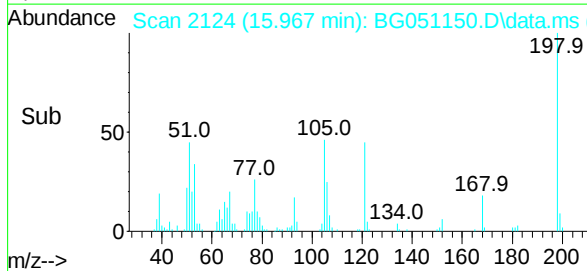
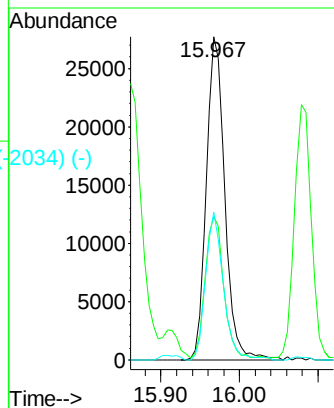
BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:	198	Resp:	45445
Ion Ratio	Lower	Upper	
198	100		
51	44.4	29.4	69.4
105	45.8	15.1	55.1



Abundance Scan 2144 (16.084 min): BG051122.D\data.ms (-2166) (-)

n-Nitrosodiphenylamine

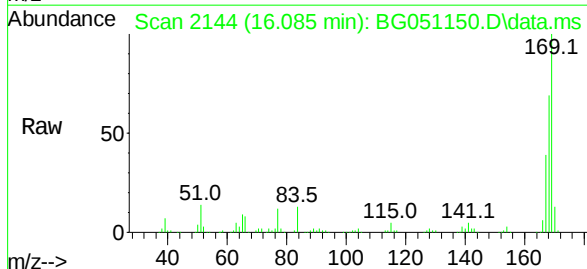
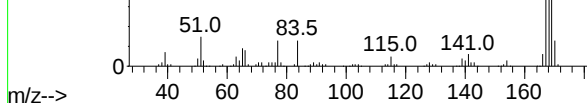
Concen: 41.66 ng

RT: 16.085 min Scan# 2144

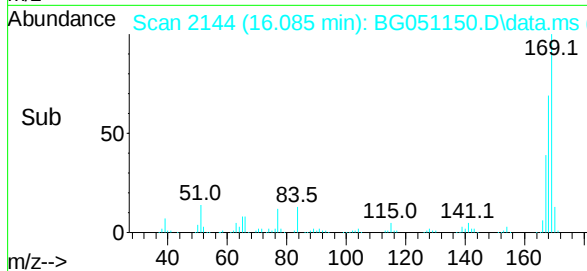
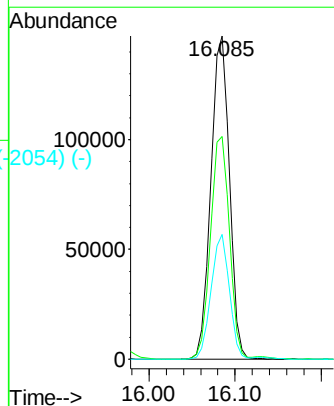
Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



Tgt Ion:	169	Resp:	218885
Ion Ratio	Lower	Upper	
169	100		
168	68.9	56.3	84.5
167	38.6	28.4	42.6



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2259) (-)

4-Bromophenyl-phenylether

Concen: 41.46 ng

RT: 16.760 min Scan# 2259

Delta R.T. 0.001 min

Lab File: BG051150.D

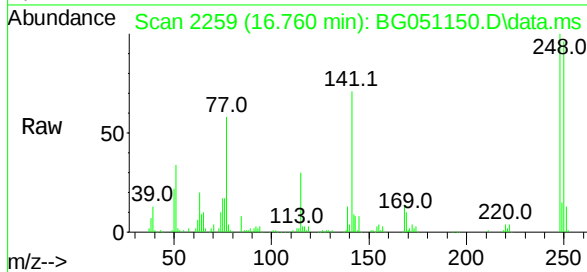
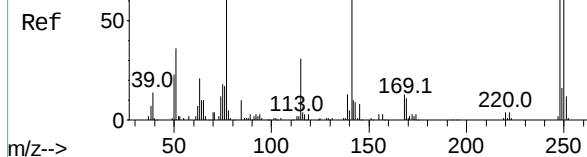
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



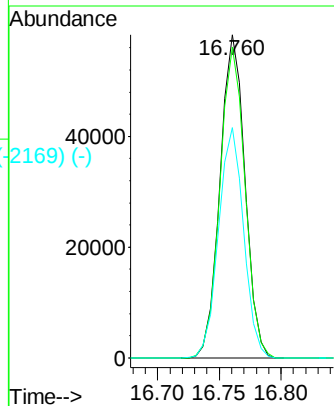
Tgt Ion:248 Resp: 82094

Ion Ratio Lower Upper

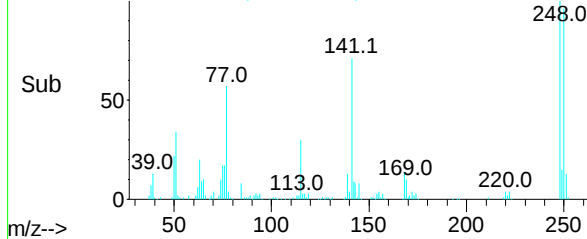
248 100

250 96.2 76.1 114.1

141 71.3 65.4 98.2



Abundance Scan 2259 (16.760 min): BG051150.D\data.ms (-2169) (-)



Abundance Scan 2281 (16.889 min): BG051122.D\data.ms (-2281) (-)

Hexachlorobenzene

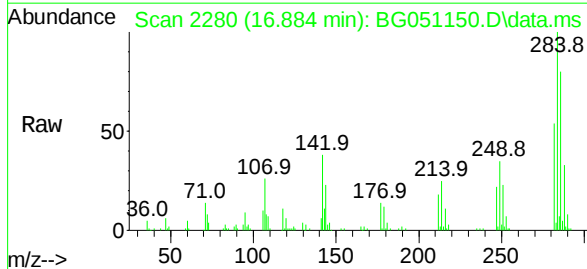
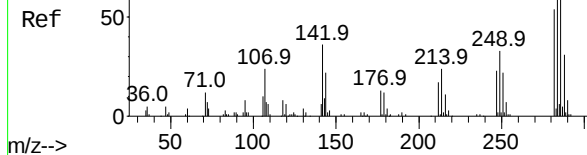
Concen: 41.24 ng

RT: 16.884 min Scan# 2280

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



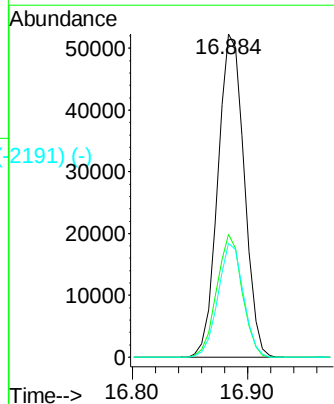
Tgt Ion:284 Resp: 82999

Ion Ratio Lower Upper

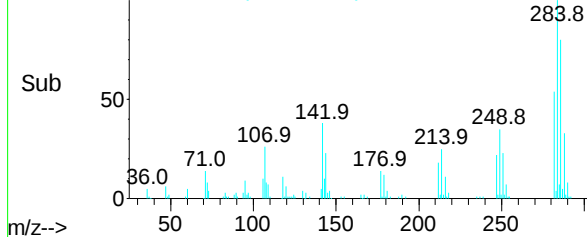
284 100

142 38.0 27.0 40.6

249 35.2 28.2 42.2



Abundance Scan 2280 (16.884 min): BG051150.D\data.ms (-2191) (-)



Abundance Scan 2304 (17.024 min): BG051122.D\data.ms (-2259) (-)

Atrazine

Concen: 65.56 ng

RT: 17.025 min Scan# 2304

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

Tgt Ion:200 Resp: 91599

Ion Ratio Lower Upper

200 100

173 24.1 3.7 43.7

215 47.2 26.9 66.9

Abundance Scan 2304 (17.025 min): BG051150.D\data.ms

Ref 50 200.1

58.1 92.5 132.0 173.0

m/z-->

Raw 50 200.1

58.1 92.6 138.1 173.0

m/z-->

Abundance Scan 2304 (17.025 min): BG051150.D\data.ms (-2214) (-)

Sub 50 200.1

58.1 92.6 138.1 173.0

m/z-->

Abundance

60000 17.025

40000

20000

0

Time-->

Abundance Scan 2340 (17.236 min): BG051122.D\data.ms (-2379) (-)

Pentachlorophenol

Concen: 94.26 ng

RT: 17.236 min Scan# 2340

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Tgt Ion:266 Resp: 86241

Ion Ratio Lower Upper

266 100

268 62.6 49.0 73.4

264 62.6 49.0 73.6

Abundance Scan 2340 (17.236 min): BG051150.D\data.ms

Ref 50 265.9

60.0 94.9 129.9 164.9 201.9 233.9

m/z-->

Raw 50 265.9

60.0 95.0 129.9 164.9 201.9 233.8

m/z-->

Abundance Scan 2340 (17.236 min): BG051150.D\data.ms (-2250) (-)

Sub 50 265.9

60.0 95.0 129.9 164.9 201.9 233.8

m/z-->

Abundance

50000 17.236

40000

30000

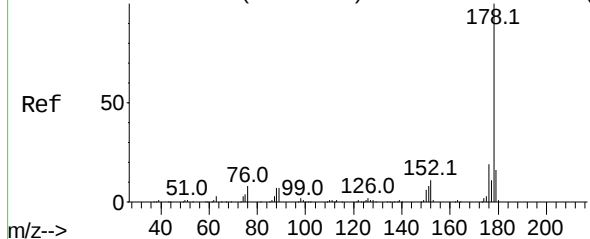
20000

10000

0

Time-->

Abundance Scan 2407 (17.629 min): BG051122.D\data.ms (-2378) (-)



Phenanthrene

Concen: 41.87 ng

RT: 17.630 min Scan# 2407

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

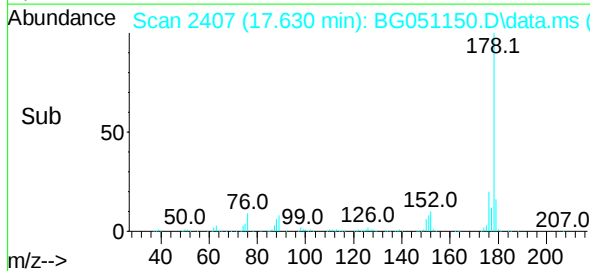
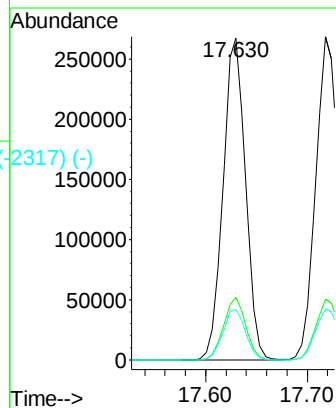
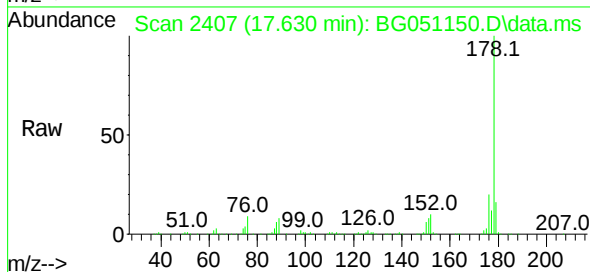
Tgt Ion:178 Resp: 412013

Ion Ratio Lower Upper

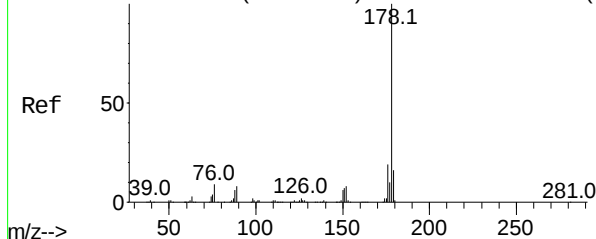
178 100

176 19.6 16.0 24.0

179 15.6 14.2 21.4



Abundance Scan 2423 (17.723 min): BG051122.D\data.ms (-2379) (-)



Anthracene

Concen: 42.73 ng

RT: 17.718 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

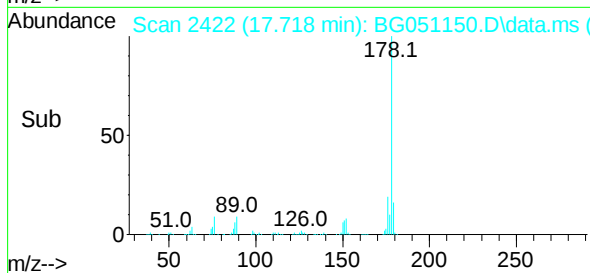
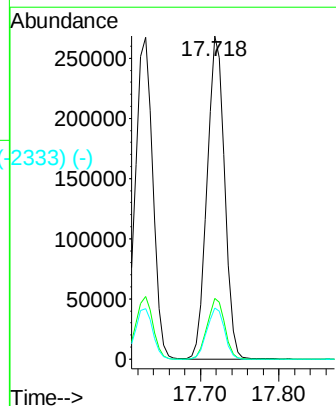
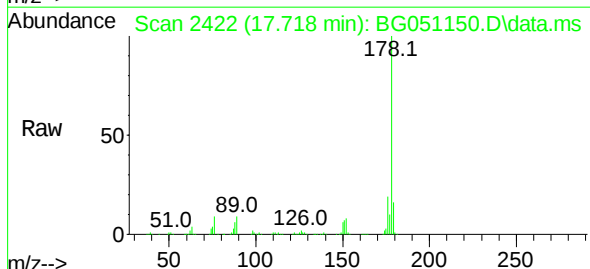
Tgt Ion:178 Resp: 417155

Ion Ratio Lower Upper

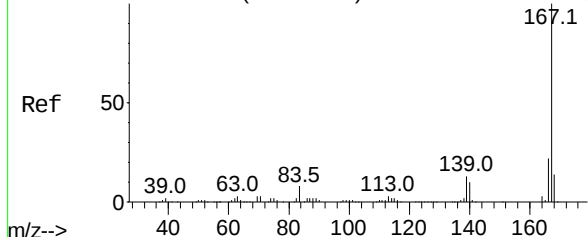
178 100

176 18.8 14.6 21.8

179 15.8 13.4 20.0



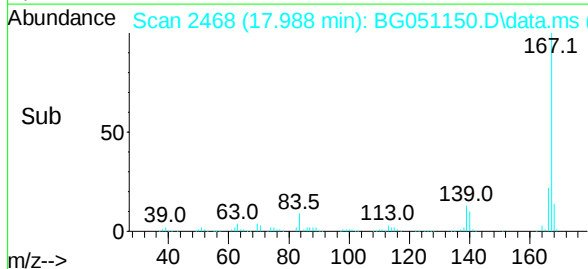
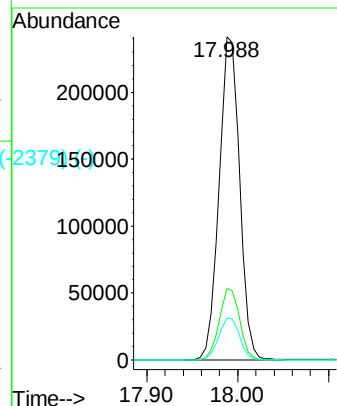
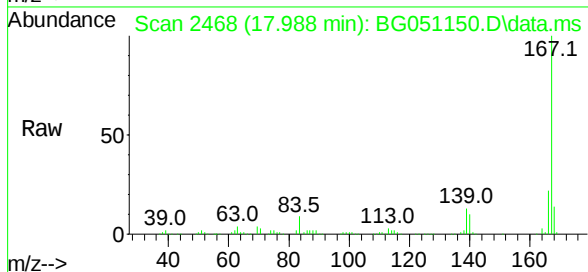
Abundance Scan 2469 (17.994 min): BG051122.D\data.ms (-2469) (-)



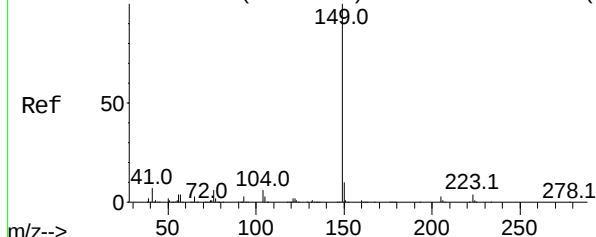
Carbazole
Concen: 39.44 ng
RT: 17.988 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Instrument :
BNA_G
ClientSampleId :
PB140900BS

Tgt Ion:	167	Resp:	378656
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.2
139	13.1	10.7	16.1

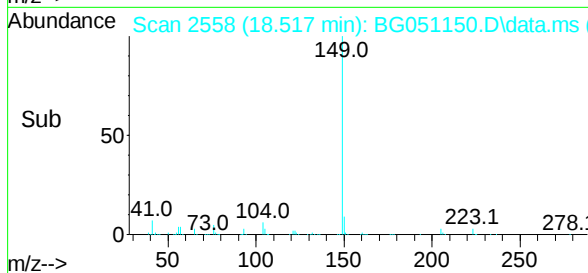
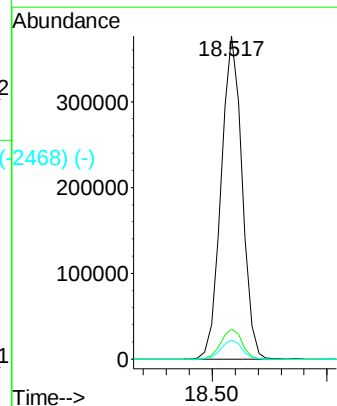
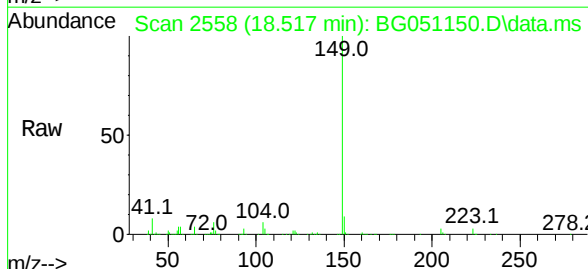


Abundance Scan 2558 (18.517 min): BG051122.D\data.ms (-2558) (-)

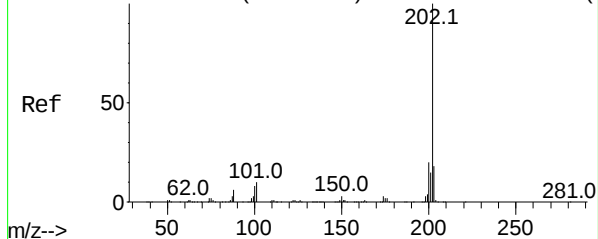


Di-n-butylphthalate
Concen: 41.01 ng
RT: 18.517 min Scan# 2558
Delta R.T. 0.001 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Tgt Ion:	149	Resp:	476709
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.9	6.6	10.0#



Abundance Scan 2747 (19.627 min): BG051122.D\data.ms (-2747) (-)



Fluoranthene

Concen: 41.71 ng

RT: 19.628 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

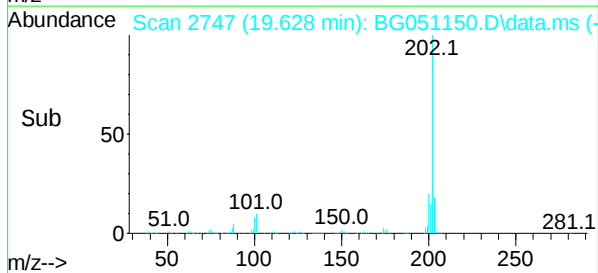
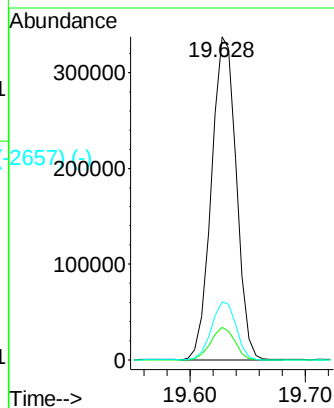
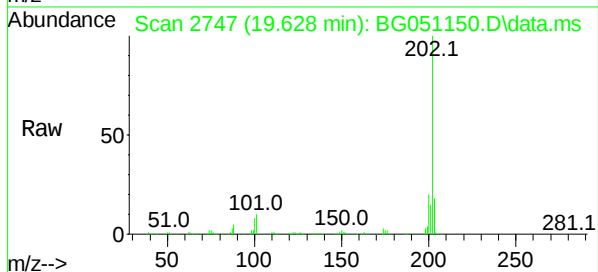
Tgt Ion:202 Resp: 505982

Ion Ratio Lower Upper

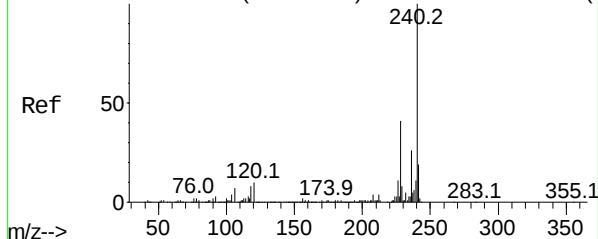
202 100

101 10.1 0.0 24.7

203 18.0 0.0 38.5



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-3131) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.890 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

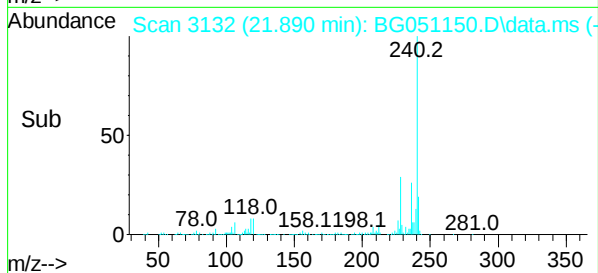
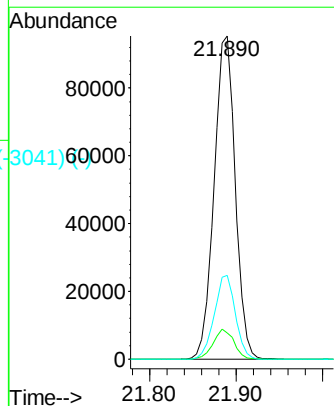
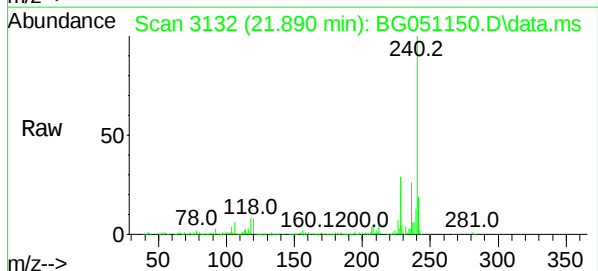
Tgt Ion:240 Resp: 162938

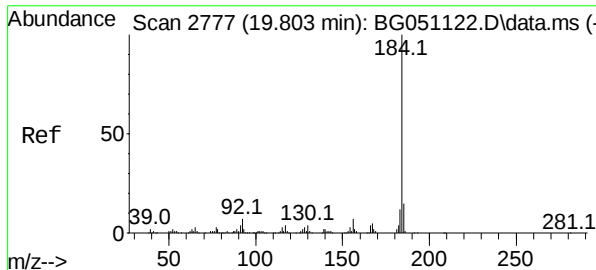
Ion Ratio Lower Upper

240 100

120 8.2 4.2 6.2#

236 26.0 21.8 32.6





Benzidine

Concen: 99.44 ng

RT: 19.804 min Scan# 2777

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

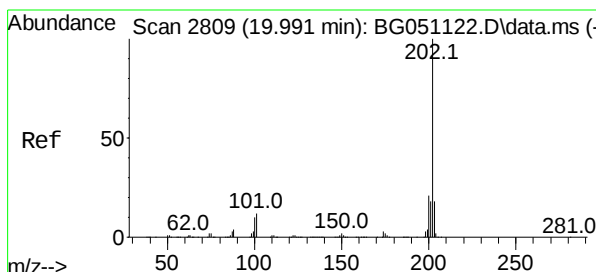
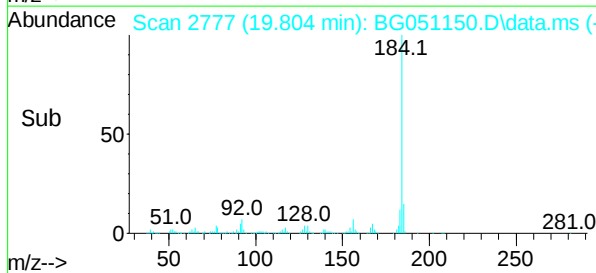
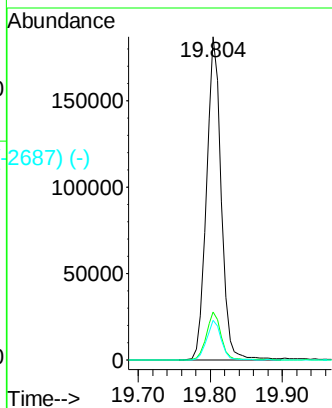
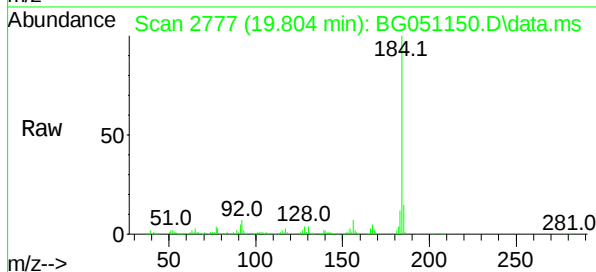
Tgt Ion:184 Resp: 266045

Ion Ratio Lower Upper

184 100

185 14.8 10.7 16.1

183 12.3 9.4 14.0



Pyrene

Concen: 42.87 ng

RT: 19.992 min Scan# 2809

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

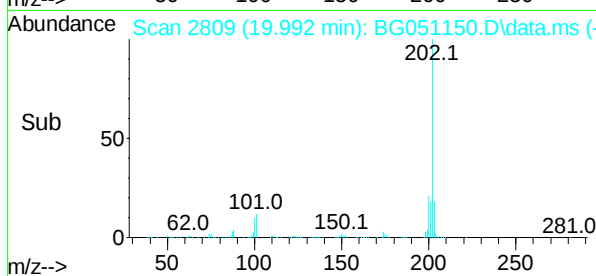
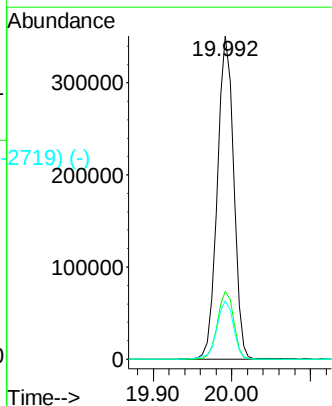
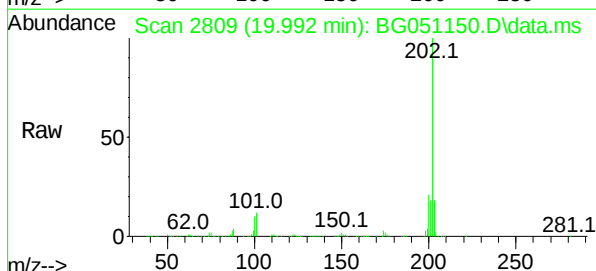
Tgt Ion:202 Resp: 506609

Ion Ratio Lower Upper

202 100

200 20.9 15.8 23.8

203 18.0 14.6 21.8



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2639) (-)

Terphenyl-d14

Concen: 78.35 ng

RT: 20.174 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051150.D

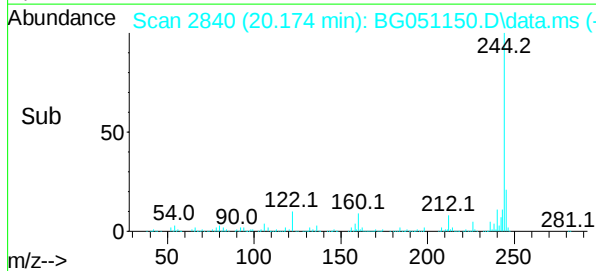
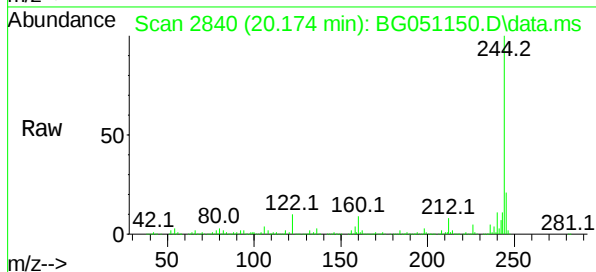
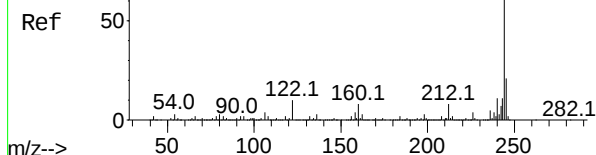
Acq: 20 Nov 2021 16:31

Instrument :

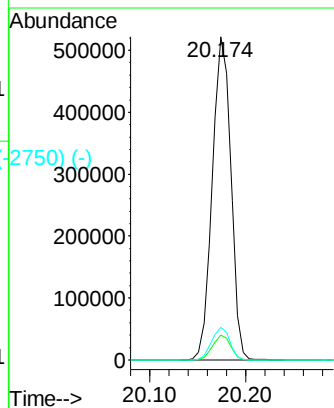
BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:	244	Resp:	698351
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.9	10.3
122	10.0	5.0	7.6#



Abundance Scan 2955 (20.849 min): BG051122.D\data.ms (-2639) (-)

Butylbenzylphthalate

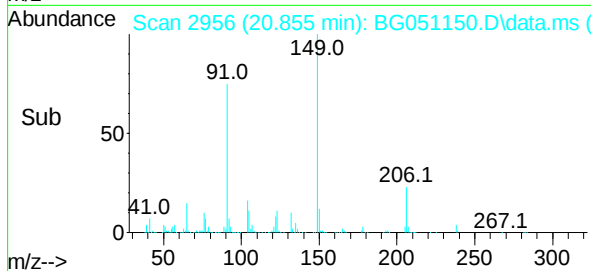
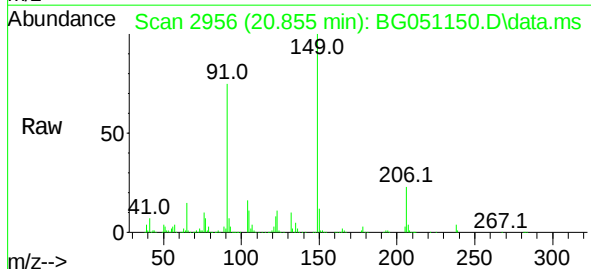
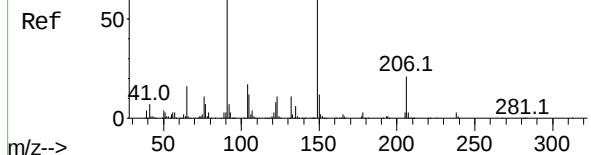
Concen: 41.27 ng

RT: 20.855 min Scan# 2956

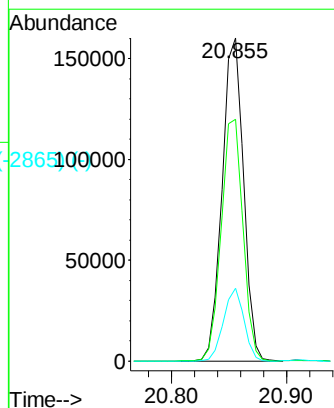
Delta R.T. 0.006 min

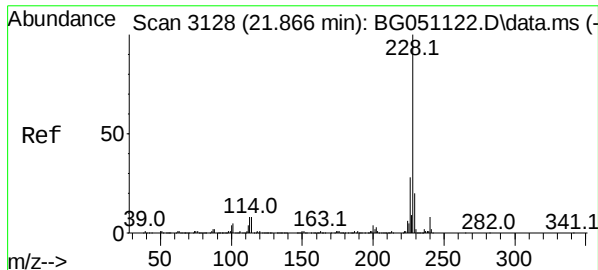
Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



Tgt Ion:	149	Resp:	207908
Ion Ratio	Lower	Upper	
149	100		
91	74.8	63.4	95.2
206	22.5	18.4	27.6





Benzo(a)anthracene

Concen: 41.45 ng

RT: 21.866 min Scan# 3128

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

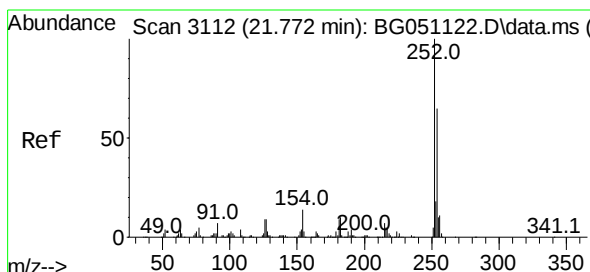
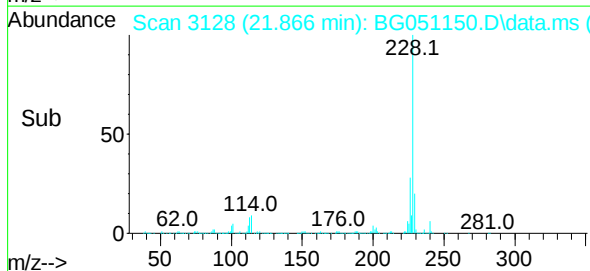
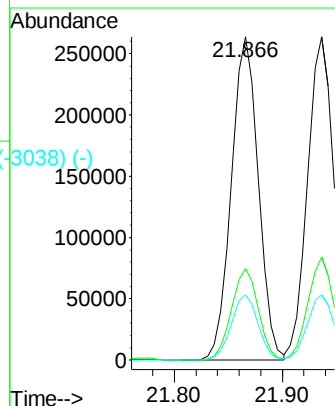
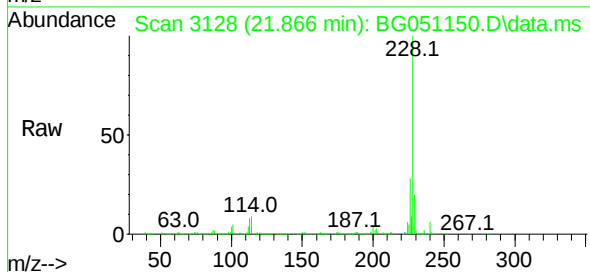
Tgt Ion:228 Resp: 460550

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

229 20.2 16.0 24.0



3,3'-Dichlorobenzidine

Concen: 27.48 ng

RT: 21.772 min Scan# 3112

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

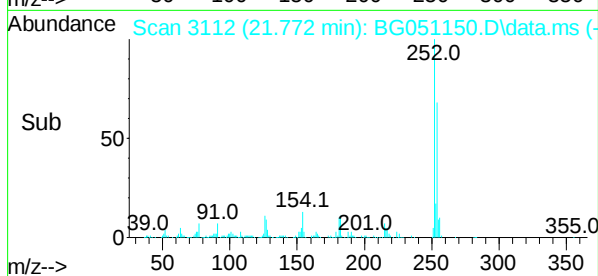
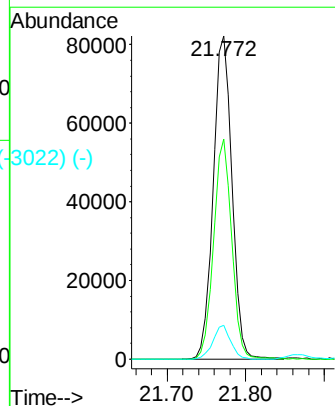
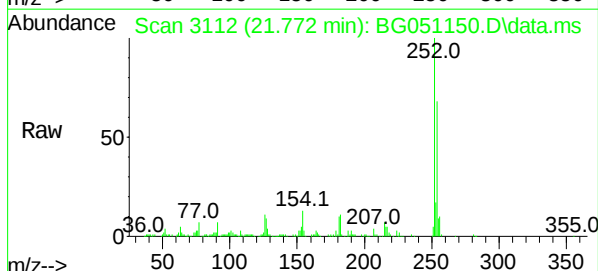
Tgt Ion:252 Resp: 136439

Ion Ratio Lower Upper

252 100

254 68.1 52.4 78.6

126 10.5 5.9 8.9#



Abundance Scan 3140 (21.936 min): BG051122.D\data.ms (-3133) (-)

Chrysene

Concen: 42.46 ng

RT: 21.937 min Scan# 3140

Delta R.T. 0.001 min

Lab File: BG051150.D

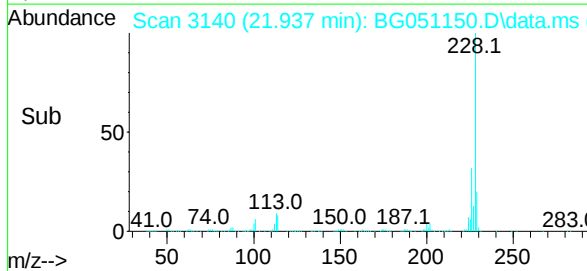
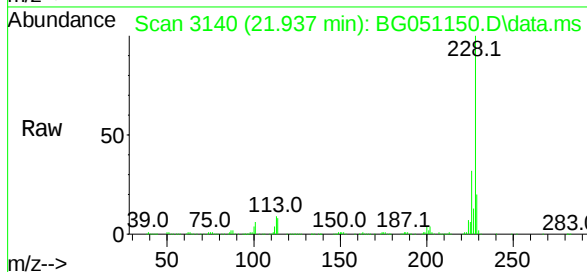
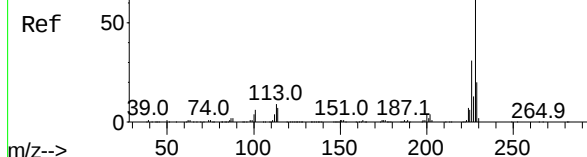
Acq: 20 Nov 2021 16:31

Instrument :

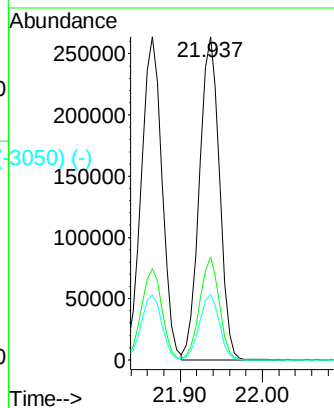
BNA_G

ClientSampleId :

PB140900BS



Tgt Ion:	228	Resp:	442971
Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.1	34.7
229	20.2	15.3	22.9



Abundance Scan 3104 (21.725 min): BG051122.D\data.ms (-3094) (-)

Bis(2-ethylhexyl)phthalate

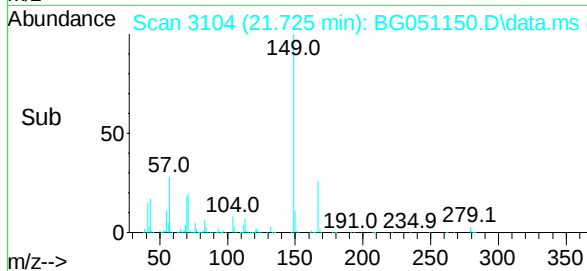
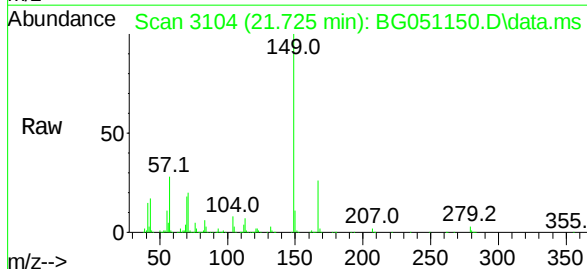
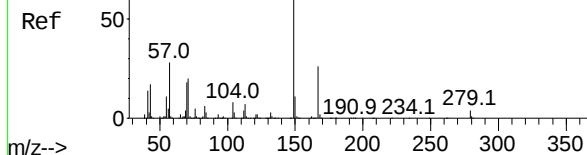
Concen: 42.48 ng

RT: 21.725 min Scan# 3104

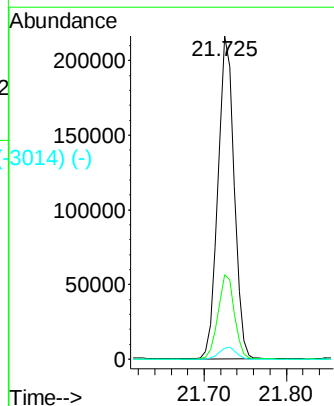
Delta R.T. 0.001 min

Lab File: BG051150.D

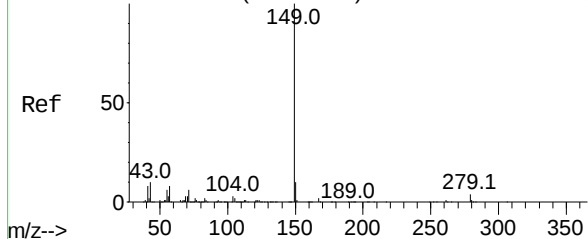
Acq: 20 Nov 2021 16:31



Tgt Ion:	149	Resp:	298114
Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.3	33.5
279	3.4	3.8	5.8#



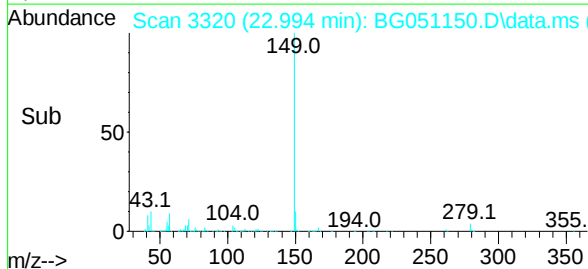
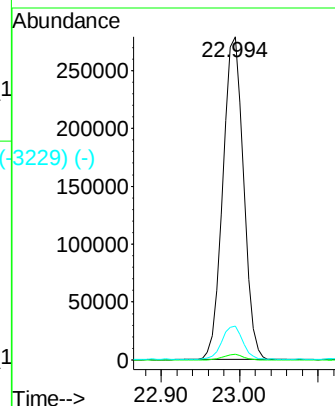
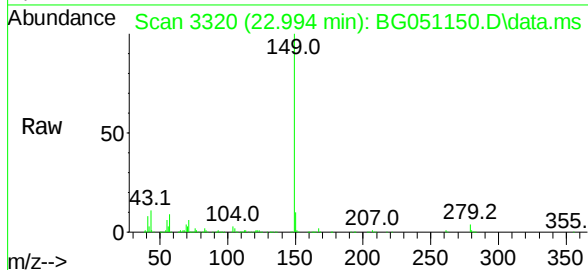
Abundance Scan 3319 (22.988 min): BG051122.D\data.ms (-3305) (-)



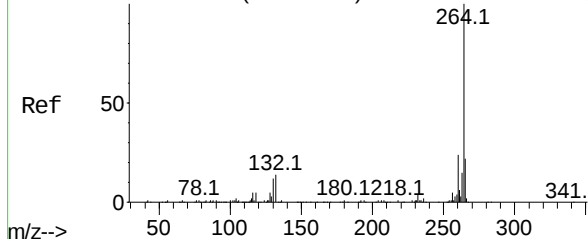
Di-n-octyl phthalate
Concen: 43.36 ng
RT: 22.994 min Scan# 3319
Delta R.T. 0.006 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Instrument :
BNA_G
ClientSampleId :
PB140900BS

Tgt Ion:	149	Resp:	509834
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.4	8.6	12.8

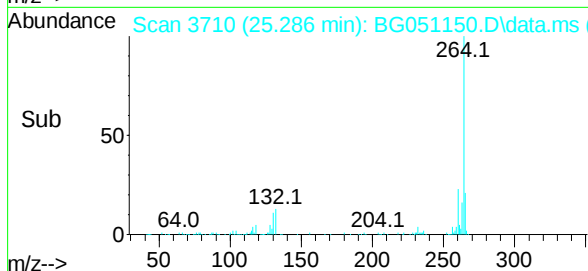
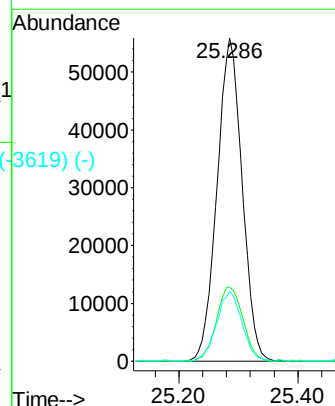
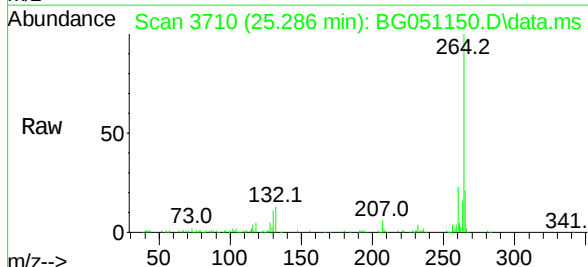


Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)

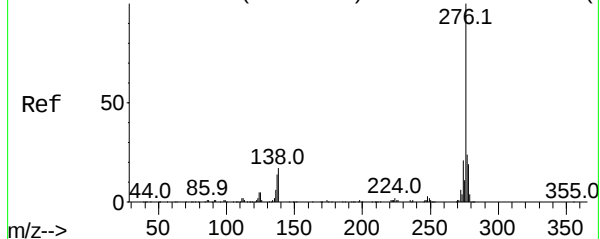


Perylene-d12
Concen: 20.00 ng
RT: 25.286 min Scan# 3710
Delta R.T. 0.006 min
Lab File: BG051150.D
Acq: 20 Nov 2021 16:31

Tgt Ion:	264	Resp:	162668
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.5	16.9	25.3



Abundance Scan 4376 (29.198 min): BG051122.D\data.ms (-4376) (-)



Indeno(1,2,3-cd)pyrene

Concen: 43.32 ng

RT: 29.210 min Scan# 4376

Delta R.T. 0.012 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS

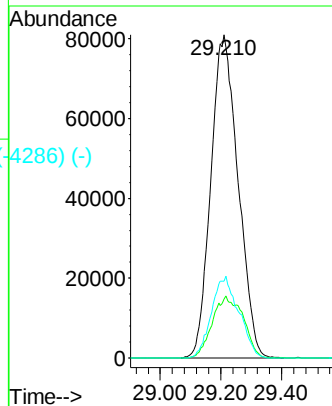
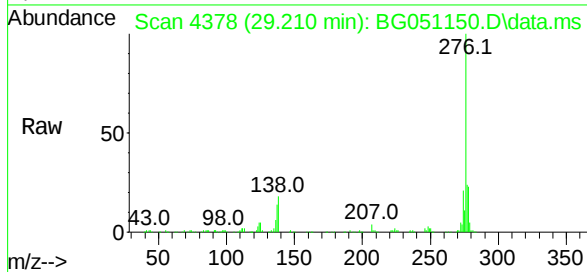
Tgt Ion:276 Resp: 505770

Ion Ratio Lower Upper

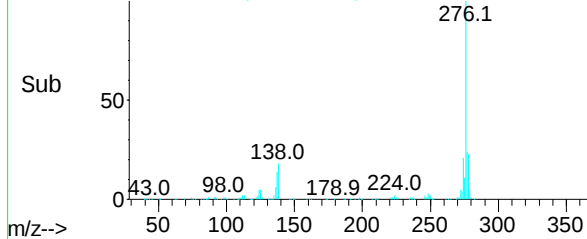
276 100

138 21.7 5.1 7.7#

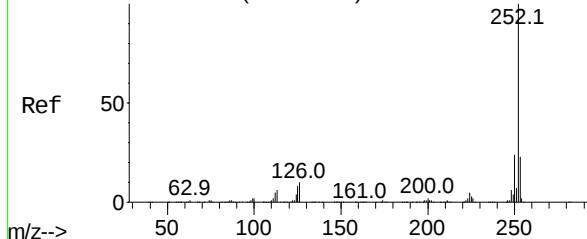
277 25.3 19.8 29.6



Abundance Scan 4378 (29.210 min): BG051150.D\data.ms (-4286) (-)



Abundance Scan 3525 (24.198 min): BG051122.D\data.ms (-3525) (-)



Benzo(b)fluoranthene

Concen: 46.50 ng

RT: 24.199 min Scan# 3525

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31

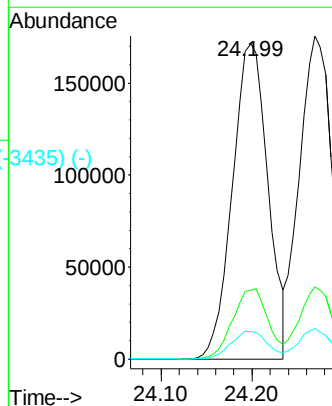
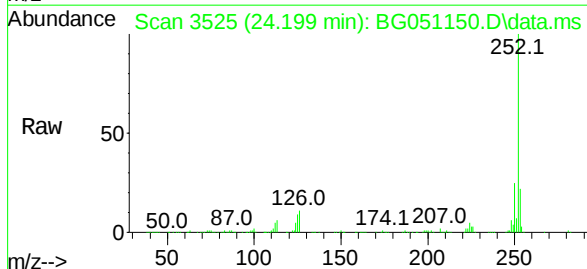
Tgt Ion:252 Resp: 466284

Ion Ratio Lower Upper

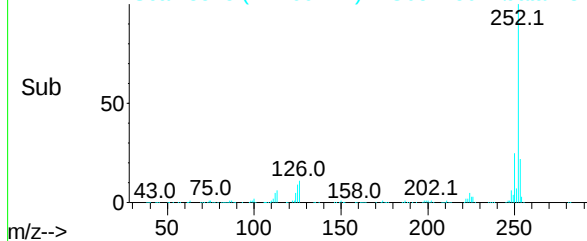
252 100

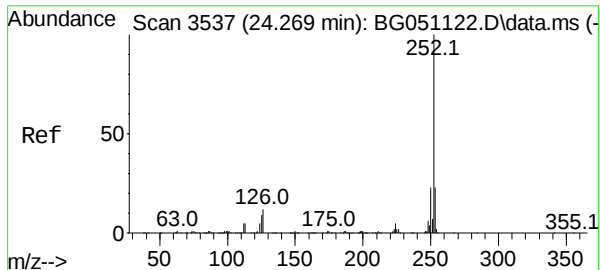
253 22.0 16.2 24.4

125 8.7 3.0 4.4#



Abundance Scan 3525 (24.199 min): BG051150.D\data.ms (-3435) (-)

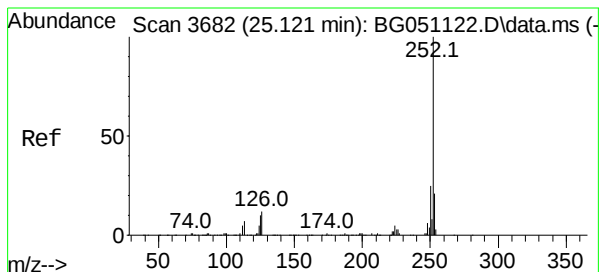
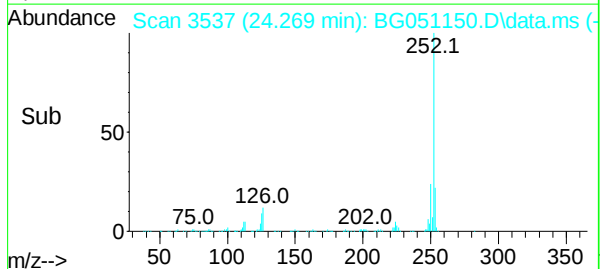
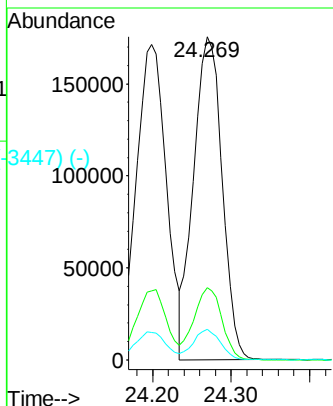
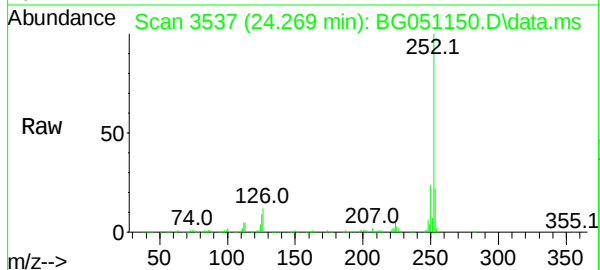




Benzo(k)fluoranthene
 Concen: 43.55 ng
 RT: 24.269 min Scan# 3539
 Delta R.T. 0.001 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

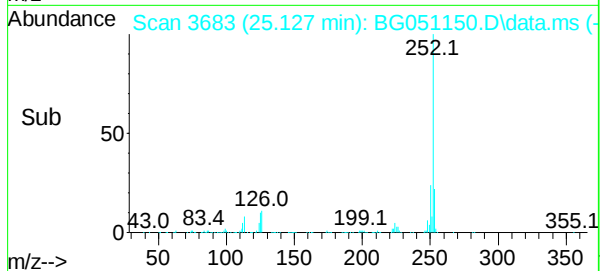
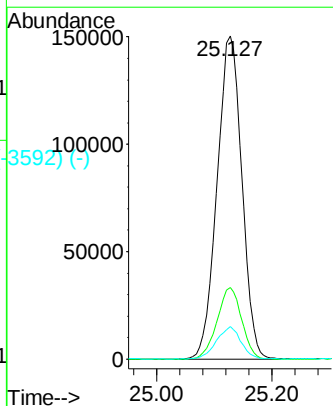
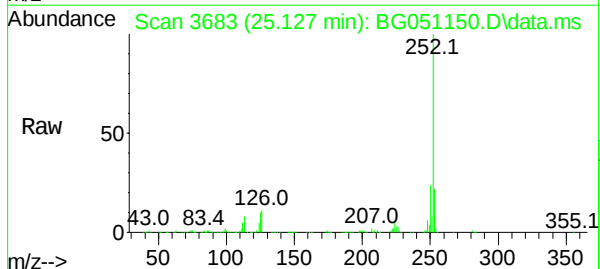
Instrument :
 BNA_G
 ClientSampleId :
 PB140900BS

Tgt Ion:	252	Resp:	442952
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	9.4	3.1	4.7#



Benzo(a)pyrene
 Concen: 51.66 ng
 RT: 25.127 min Scan# 3683
 Delta R.T. 0.006 min
 Lab File: BG051150.D
 Acq: 20 Nov 2021 16:31

Tgt Ion:	252	Resp:	449516
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.6	25.0
125	10.0	3.5	5.3#



Abundance Scan 4387 (29.263 min): BG051122.D\data.ms (-4399) (-)

Dibenzo(a,h)anthracene

Concen: 44.11 ng

RT: 29.269 min Scan# 4387

Delta R.T. 0.006 min

Lab File: BG051150.D

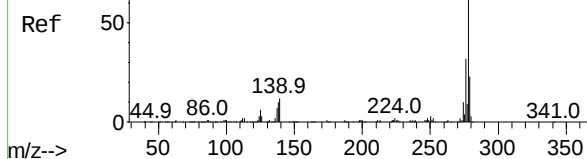
Acq: 20 Nov 2021 16:31

Instrument :

BNA_G

ClientSampleId :

PB140900BS



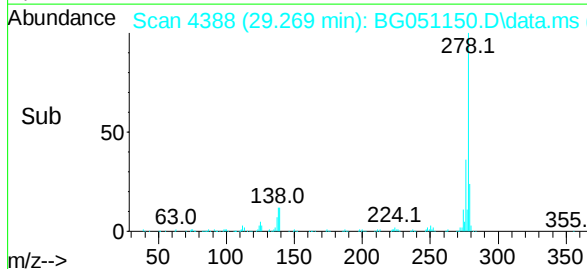
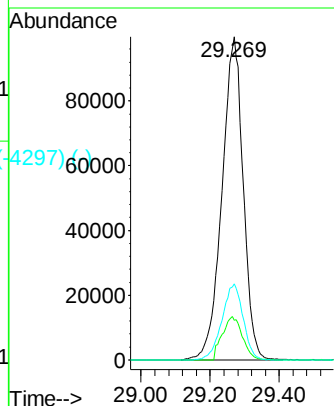
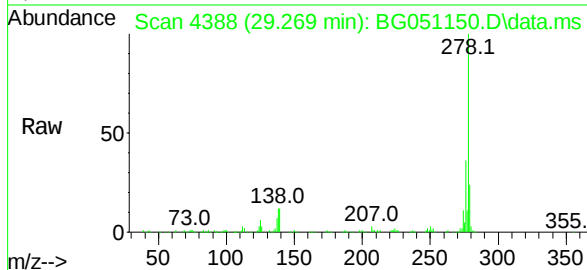
Tgt Ion:278 Resp: 424197

Ion Ratio Lower Upper

278 100

139 12.2 4.6 6.8#

279 23.5 17.9 26.9



Abundance Scan 4587 (30.438 min): BG051122.D\data.ms (-4592) (-)

Benzo(g,h,i)perylene

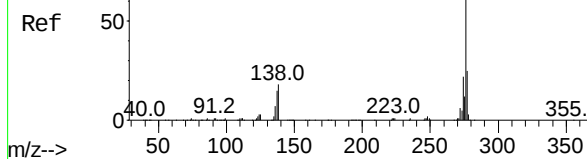
Concen: 44.50 ng

RT: 30.438 min Scan# 4587

Delta R.T. 0.001 min

Lab File: BG051150.D

Acq: 20 Nov 2021 16:31



Tgt Ion:276 Resp: 423291

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 17.9 7.0 10.6#

