

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046129.D
 Acq On : 31 Jul 2020 17:27
 Operator : CG/JU
 Sample : L3491-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Quant Time: Jul 31 18:05:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89817	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	358159	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	233088	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	554563	20.00	ng	0.00
76) Chrysene-d12	21.57	240	601400	20.00	ng	0.00
86) Perylene-d12	24.68	264	644200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	588391	113.88	ng	0.00
7) Phenol-d6	7.12	99	754925	107.21	ng	0.00
23) Nitrobenzene-d5	9.11	82	499490	75.51	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	382051	106.71	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1102644	68.72	ng	0.00
79) Terphenyl-d14	19.94	244	1728982	58.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	83473	35.495	ng	97
3) Pyridine	3.83	79	190846	29.479	ng	100
4) n-Nitrosodimethylamine	3.75	42	111534	40.479	ng	97
6) Aniline	7.28	93	190317	22.705	ng	97
8) 2-Chlorophenol	7.52	128	232148	40.652	ng	98
9) Benzaldehyde	7.09	77	168934	40.430	ng	93
10) Phenol	7.15	94	289226	40.880	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	221841	39.420	ng	99
12) 1,3-Dichlorobenzene	7.85	146	266524	38.504	ng	99
13) 1,4-Dichlorobenzene	7.99	146	265323	38.172	ng	99
14) 1,2-Dichlorobenzene	8.31	146	255925	39.041	ng	99
15) Benzyl Alcohol	8.19	79	205243	42.191	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	382011	41.405	ng	99
17) 2-Methylphenol	8.40	107	200012	41.875	ng	99
18) Hexachloroethane	9.04	117	93547	40.242	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	178596	38.971	ng	96
20) 3+4-Methylphenols	8.72	107	268541	41.076	ng	99
22) Acetophenone	8.77	105	334265	36.366	ng	98
24) Nitrobenzene	9.15	77	249442	35.368	ng	98
25) Isophorone	9.67	82	480616	36.513	ng	98
26) 2-Nitrophenol	9.86	139	128007	40.047	ng	96
27) 2,4-Dimethylphenol	9.93	122	207142	39.831	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	290717	40.619	ng	98
29) 2,4-Dichlorophenol	10.40	162	237948	38.897	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	257729	35.963	ng	99
31) Naphthalene	10.80	128	682084	35.992	ng	99
32) Benzoic acid	10.06	122	123845	35.452	ng	99
33) 4-Chloroaniline	10.90	127	117797	15.211	ng	99
34) Hexachlorobutadiene	11.10	225	165667	34.727	ng	99
35) Caprolactam	11.67	113	43052	21.501	ng	90
36) 4-Chloro-3-methylphenol	12.03	107	244793	40.776	ng	100
37) 2-Methylnaphthalene	12.41	142	522847	35.856	ng	98
38) 1-Methylnaphthalene	12.63	142	500645	36.282	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	292618	34.843	ng	# 98

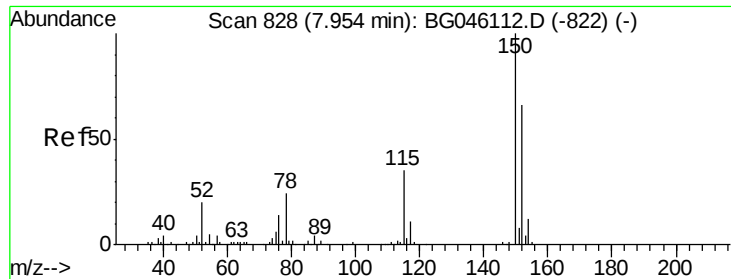
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046129.D
 Acq On : 31 Jul 2020 17:27
 Operator : CG/JU
 Sample : L3491-08MS
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jul 31 18:05:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	416480	86.458	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	207930	38.807	ng	99
44) 2,4,5-Trichlorophenol	13.09	196	223335	38.202	ng	97
46) 1,1'-Biphenyl	13.42	154	675025	36.917	ng	98
47) 2-Chloronaphthalene	13.46	162	519284	35.603	ng	99
48) 2-Nitroaniline	13.65	65	159911	41.827	ng	97
49) Acenaphthylene	14.30	152	836795	36.947	ng	99
50) Dimethylphthalate	14.04	163	824397	46.082	ng	99
51) 2,6-Dinitrotoluene	14.15	165	154327	37.066	ng	98
52) Acenaphthene	14.64	154	594798	39.793	ng	99
53) 3-Nitroaniline	14.47	138	73679	17.850	ng	97
54) 2,4-Dinitrophenol	14.68	184	166073	64.463	ng	91
55) Dibenzofuran	14.98	168	792991	35.158	ng	99
56) 4-Nitrophenol	14.79	139	295396	82.429	ng	92
57) 2,4-Dinitrotoluene	14.94	165	215213	37.595	ng	98
58) Fluorene	15.63	166	657664	36.005	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	220672	40.074	ng	98
60) Diethylphthalate	15.40	149	685576	38.956	ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	351536	36.849	ng	96
62) 4-Nitroaniline	15.64	138	161063	38.798	ng	96
63) Azobenzene	15.91	77	622796	37.761	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	138814	37.849	ng	97
66) n-Nitrosodiphenylamine	15.84	169	603972	35.979	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	244670	35.712	ng	95
68) Hexachlorobenzene	16.64	284	270812	35.251	ng	99
69) Atrazine	16.78	200	229585	35.517	ng	98
70) Pentachlorophenol	16.98	266	387594	77.758	ng	99
71) Phenanthrene	17.36	178	1092133	35.952	ng	99
72) Anthracene	17.46	178	1119793	37.059	ng	99
73) Carbazole	17.72	167	1068363	36.668	ng	100
74) Di-n-butylphthalate	18.29	149	1244335	40.857	ng	99
75) Fluoranthene	19.37	202	1407334	37.108	ng	99
77) Benzidine	19.55	184	519854	30.517	ng	99
78) Pyrene	19.73	202	1426247	35.296	ng	99
80) Butylbenzylphthalate	20.63	149	602300	41.147	ng	98
81) Benzo(a)anthracene	21.55	228	1458169	36.231	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	275193	16.466	ng	99
83) Chrysene	21.62	228	1398212	35.465	ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	862551	41.217	ng	98
85) Di-n-octyl phthalate	22.66	149	1476454	41.669	ng	97
87) Indeno(1,2,3-cd)pyrene	28.20	276	1847699	37.608	ng	99
88) Benzo(b)fluoranthene	23.70	252	1580602	36.614	ng	100
89) Benzo(k)fluoranthene	23.77	252	1523554	35.982	ng	99
90) Benzo(a)pyrene	24.53	252	1456414	36.256	ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1512920	36.836	ng	97
92) Benzo(g,h,i)perylene	29.30	276	1547351	37.305	ng	98

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

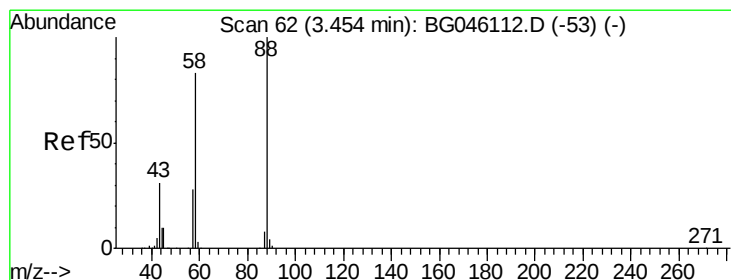
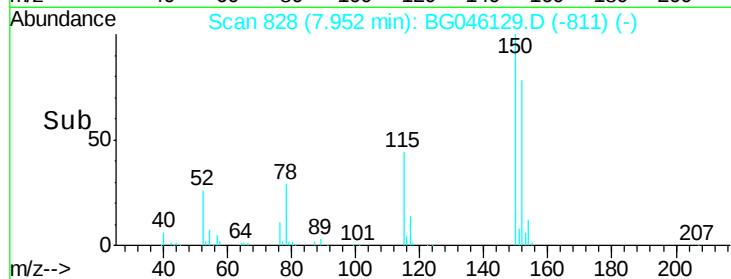
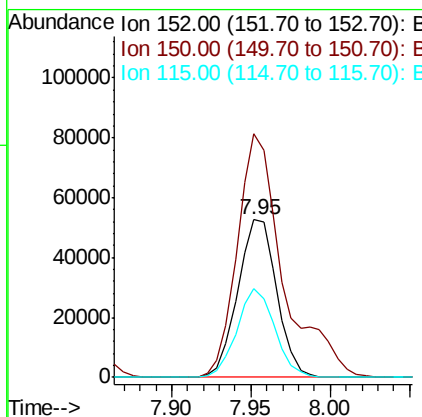
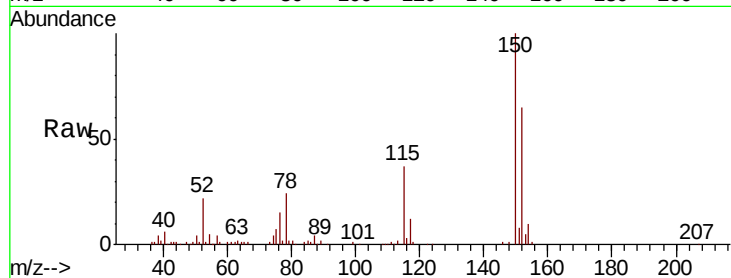


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampled :
 TP-1-DMS

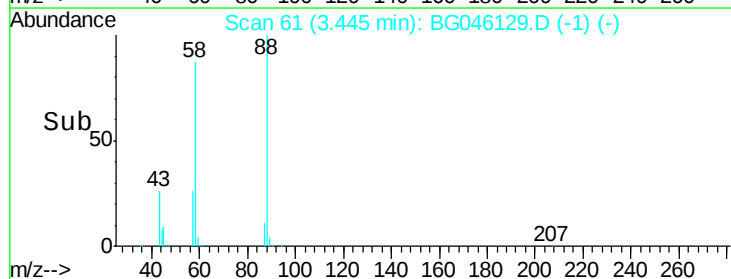
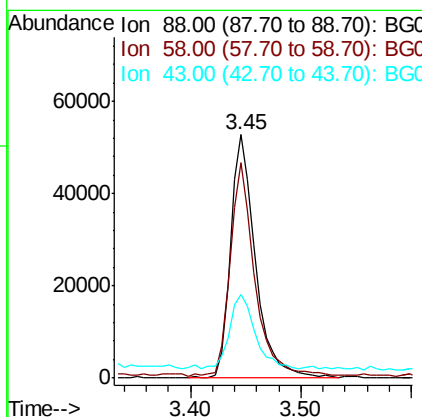
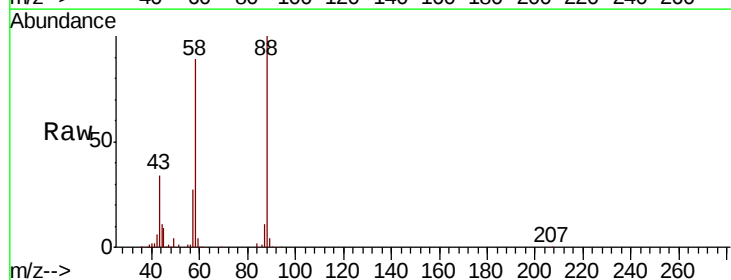
Tot Ion:152 Resp: 89817
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.1 183.1
 115 56.6 43.2 64.8

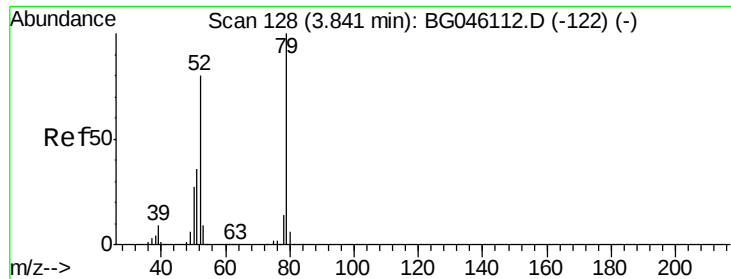


#2

1,4-Dioxane
 Concen: 35.495 ng
 RT: 3.45 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion: 88 Resp: 83473
 Ion Ratio Lower Upper
 88 100
 58 86.2 66.5 99.7
 43 31.6 23.8 35.8





#3

Pvridine

Concen: 29.479 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

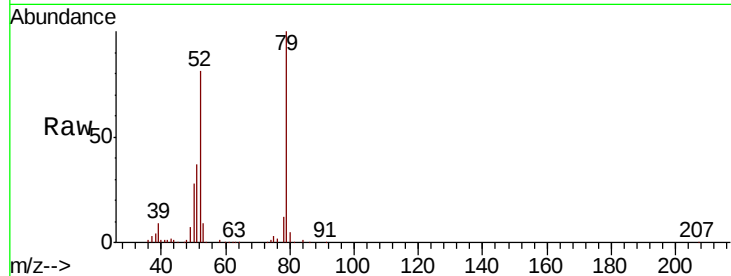
Tot Ion: 79 Resp: 190846

Ion Ratio Lower Upper

79 100

52 80.7 64.3 96.5

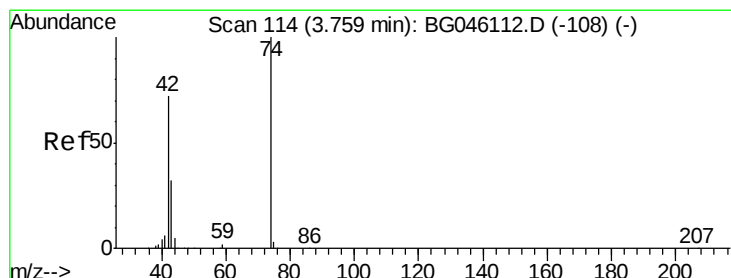
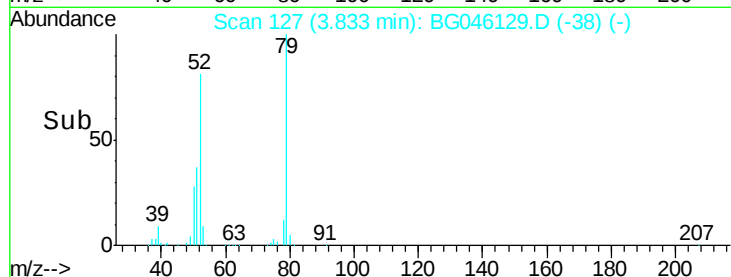
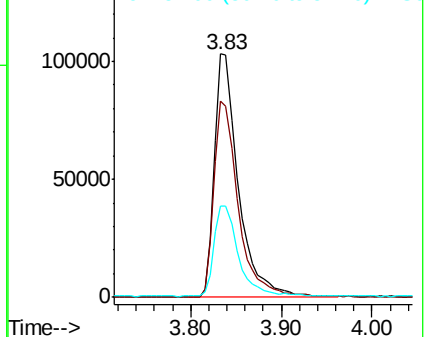
51 37.3 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.479 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

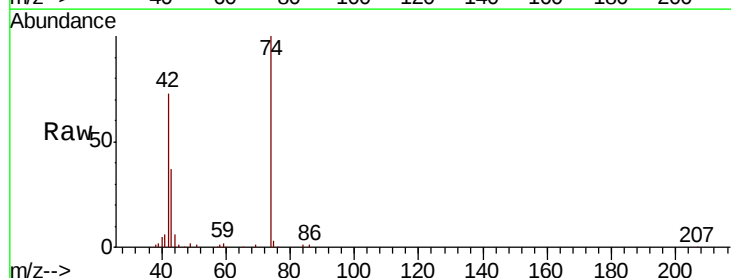
Tgt Ion: 42 Resp: 111534

Ion Ratio Lower Upper

42 100

74 136.5 111.6 167.4

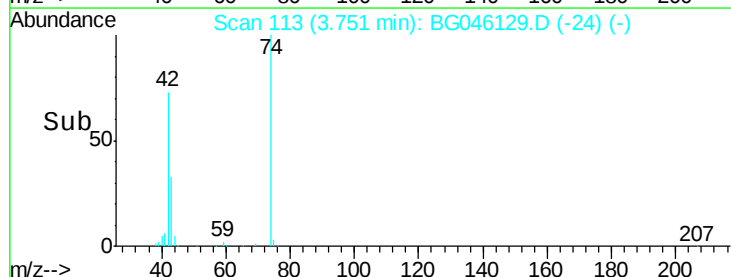
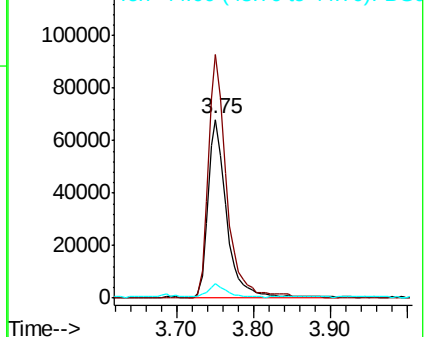
44 8.4 5.7 8.5

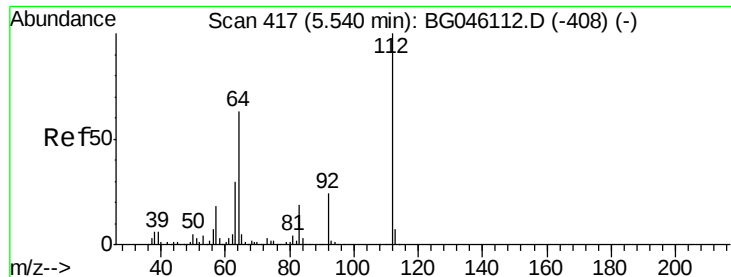


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.881 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

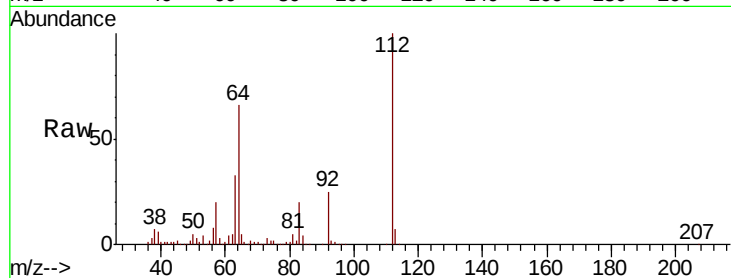
Tot Ion:112 Resp: 588391

Ion Ratio Lower Upper

112 100

64 66.4 50.2 75.2

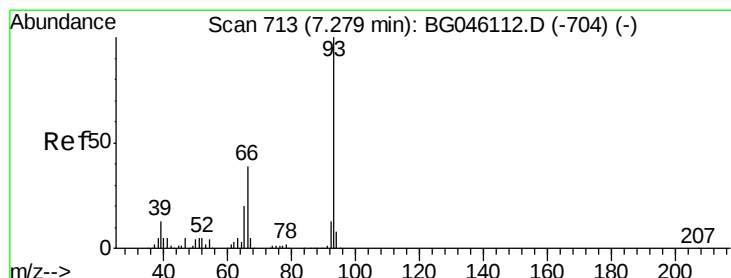
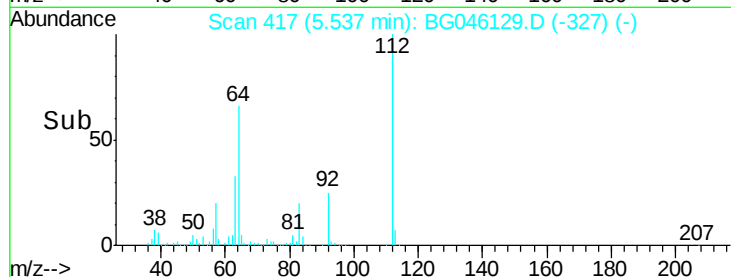
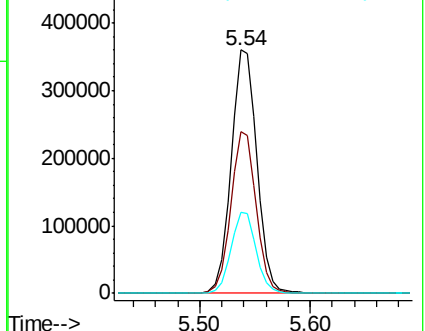
63 33.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.705 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

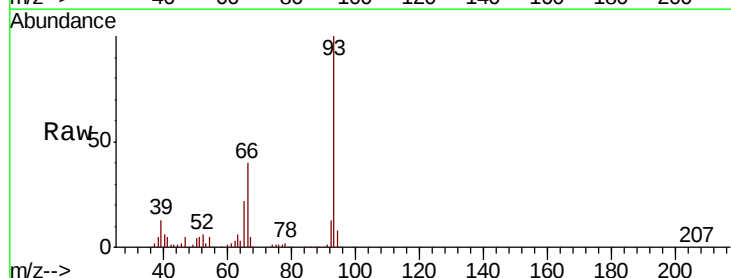
Tgt Ion: 93 Resp: 190317

Ion Ratio Lower Upper

93 100

66 39.7 31.0 46.4

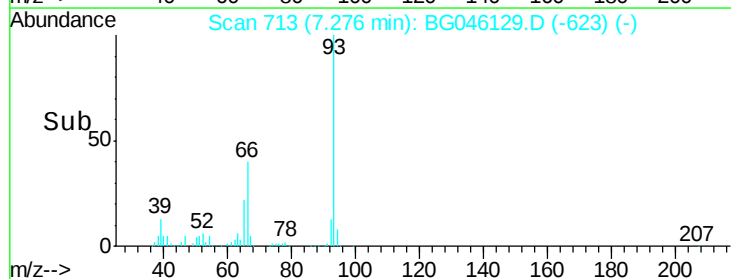
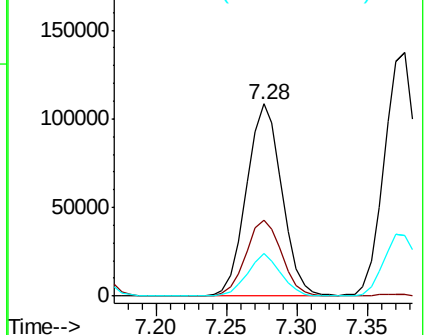
65 22.0 15.9 23.9

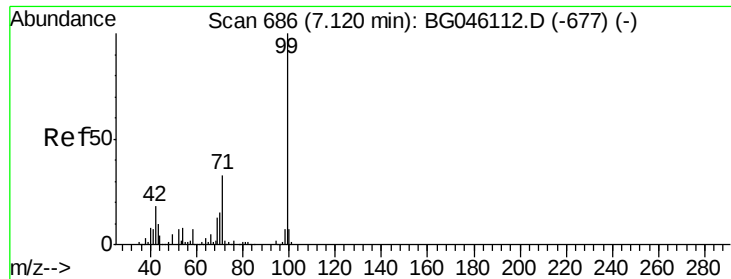


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.210 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

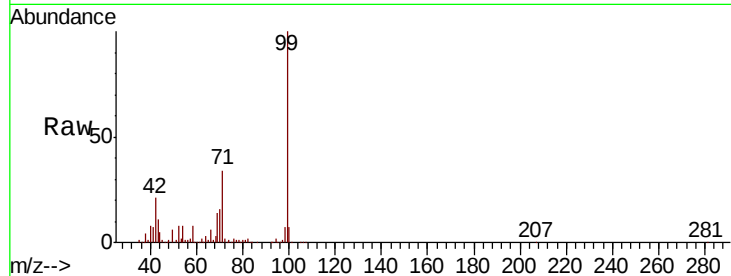
Tot Ion: 99 Resp: 754925

Ion Ratio Lower Upper

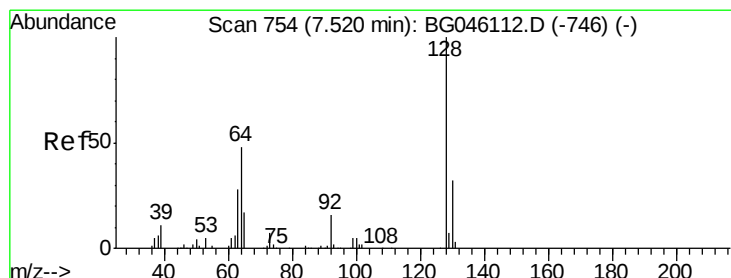
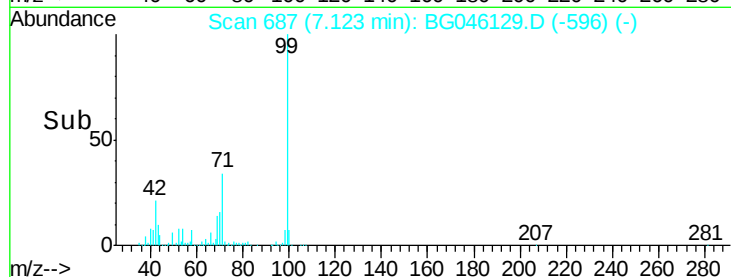
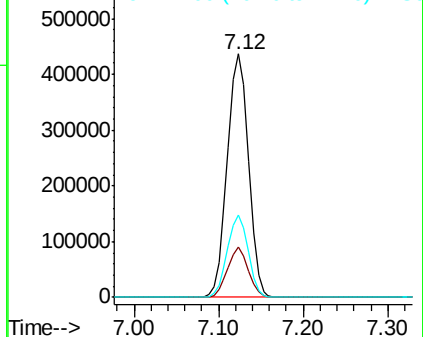
99 100

42 20.5 14.7 22.1

71 33.8 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.652 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

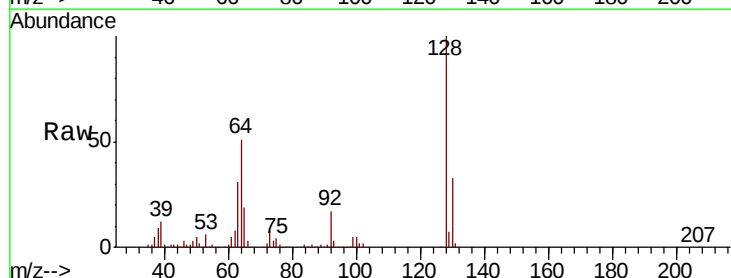
Tgt Ion:128 Resp: 232148

Ion Ratio Lower Upper

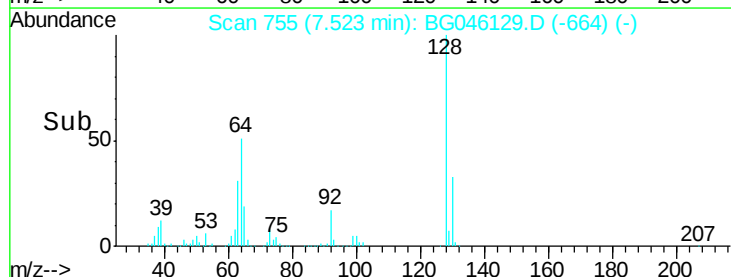
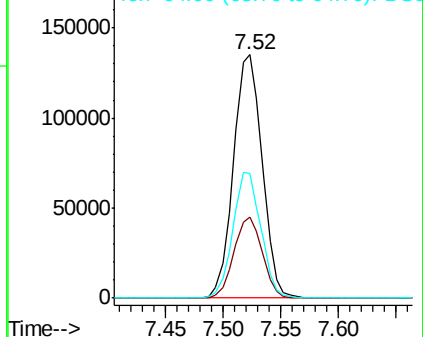
128 100

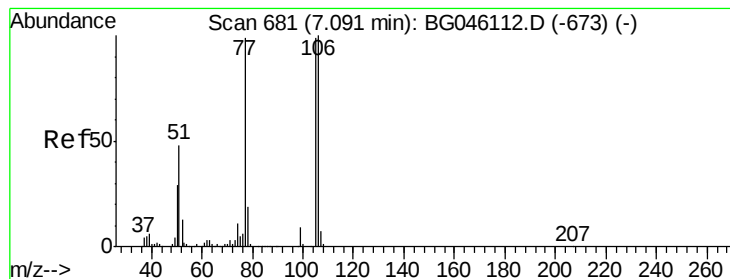
130 33.1 11.6 51.6

64 51.3 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.430 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

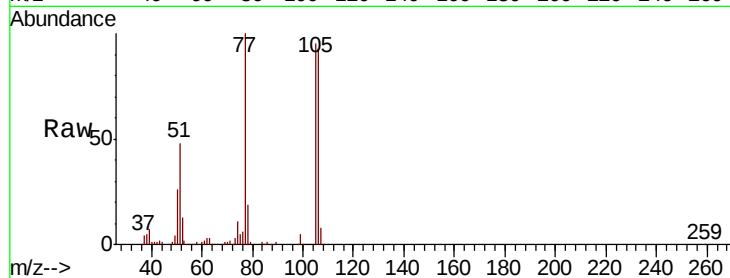
Tot Ion: 77 Resp: 168934

Ion Ratio Lower Upper

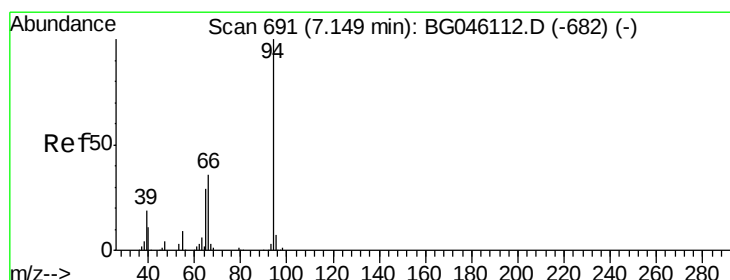
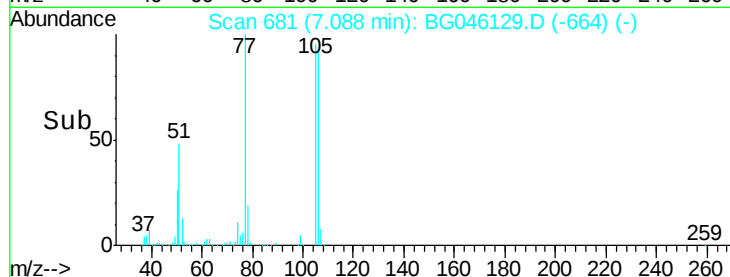
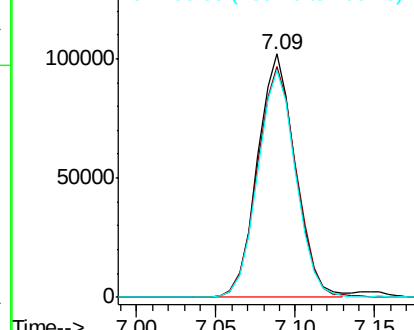
77 100

105 94.6 80.3 120.3

106 93.0 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.880 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

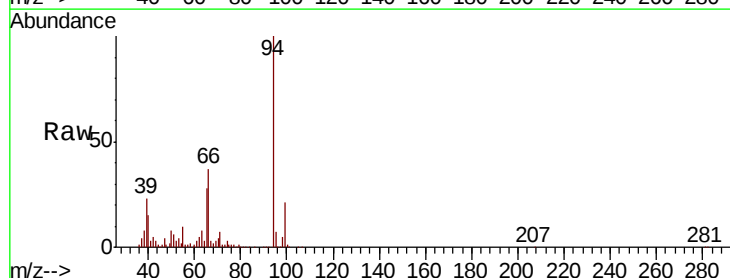
Tgt Ion: 94 Resp: 289226

Ion Ratio Lower Upper

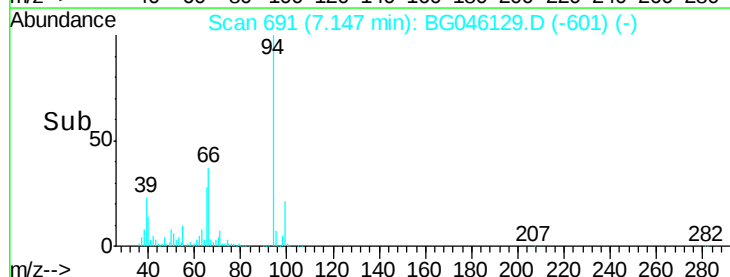
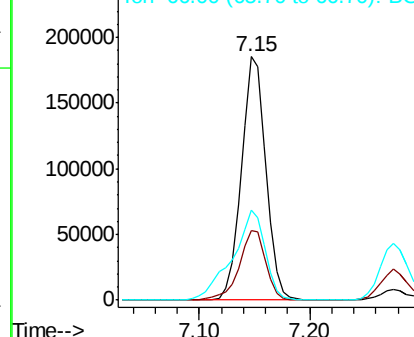
94 100

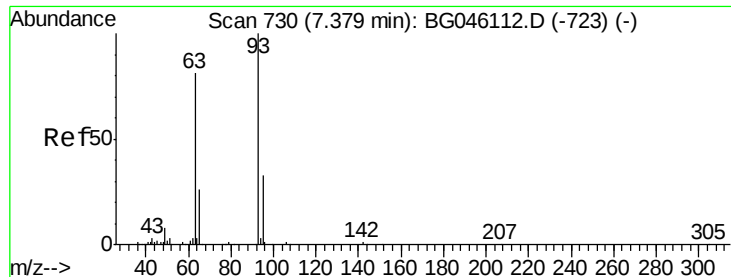
65 28.4 9.6 49.6

66 37.2 16.3 56.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

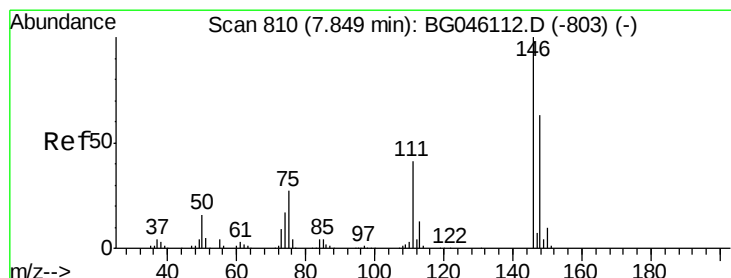
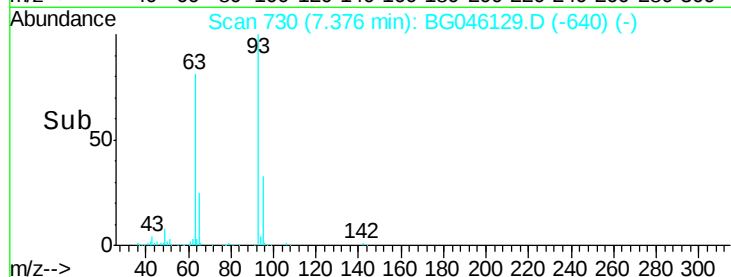
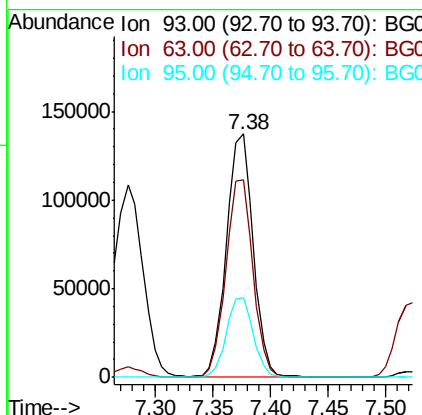
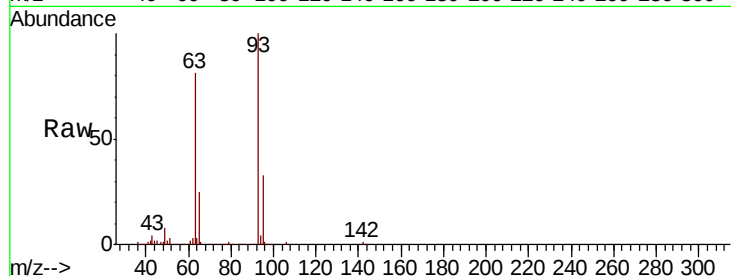




#11
bis(2-Chloroethyl)ether
Concen: 39.420 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

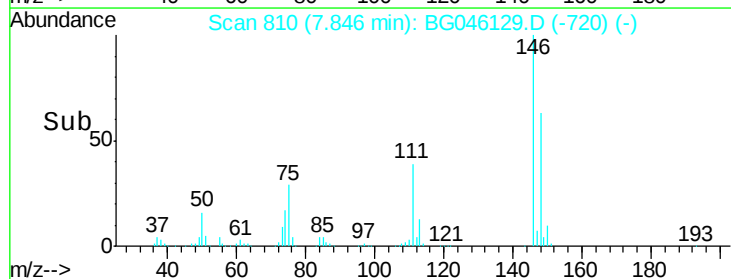
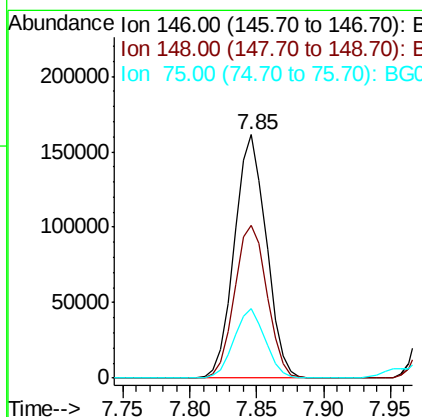
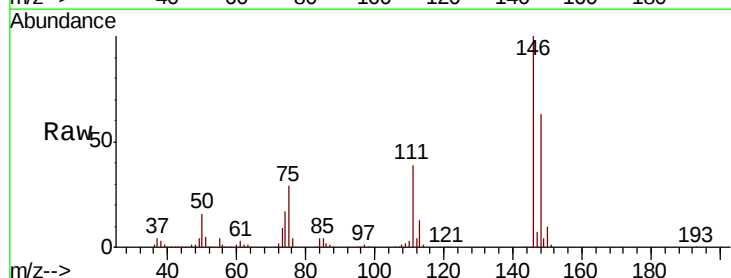
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

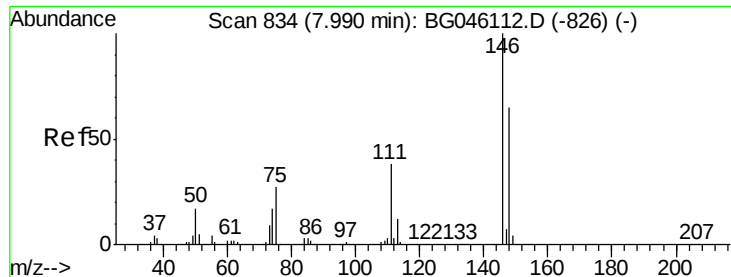
Tot Ion: 93 Resp: 221841
Ion Ratio Lower Upper
93 100
63 81.3 60.0 100.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.504 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion: 146 Resp: 266524
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 28.7 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 38.172 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

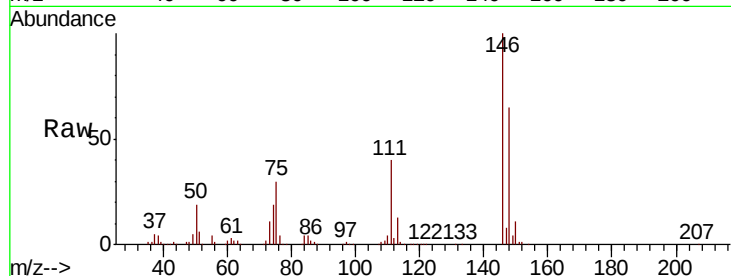
Tot Ion:146 Resp: 265323

Ion Ratio Lower Upper

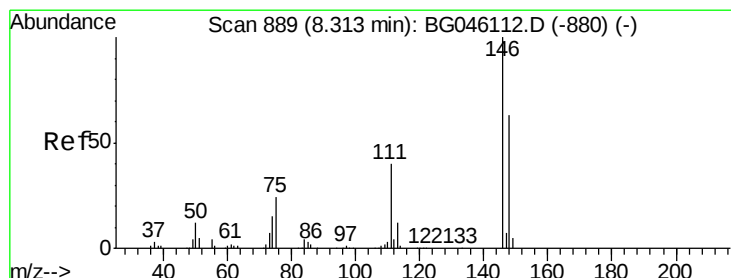
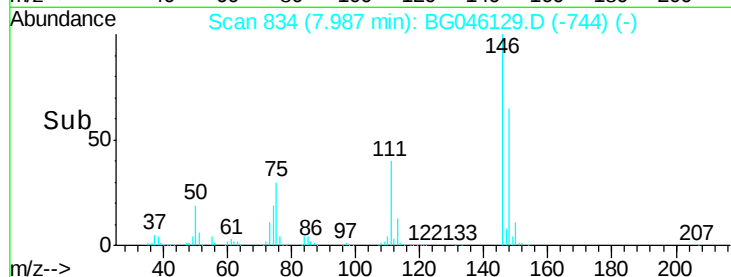
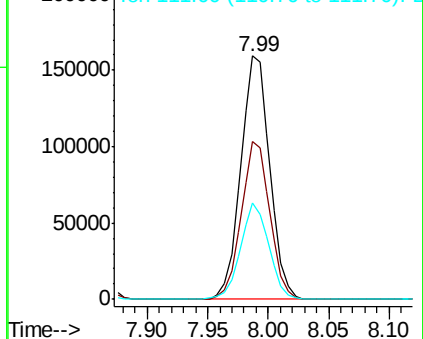
146 100

148 64.8 51.8 77.6

111 39.6 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.041 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

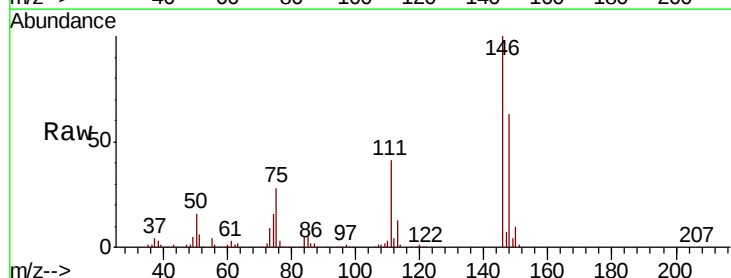
Tgt Ion:146 Resp: 255925

Ion Ratio Lower Upper

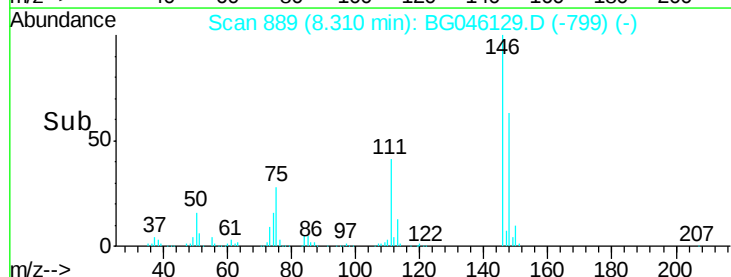
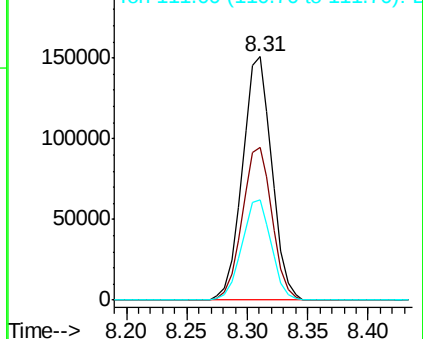
146 100

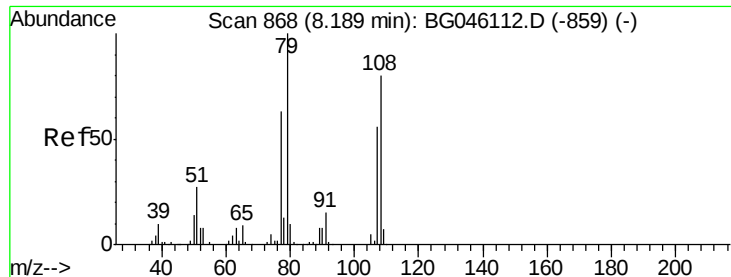
148 62.7 50.8 76.2

111 41.0 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.191 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

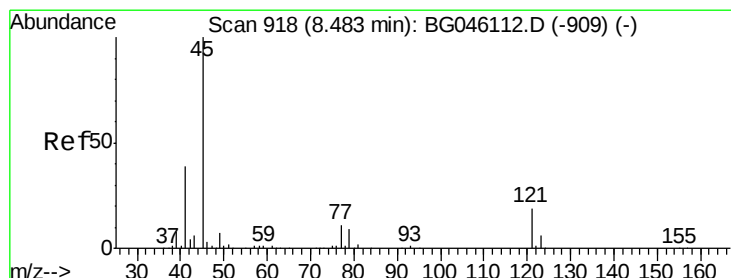
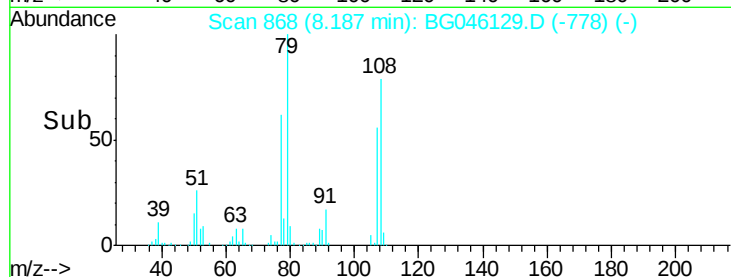
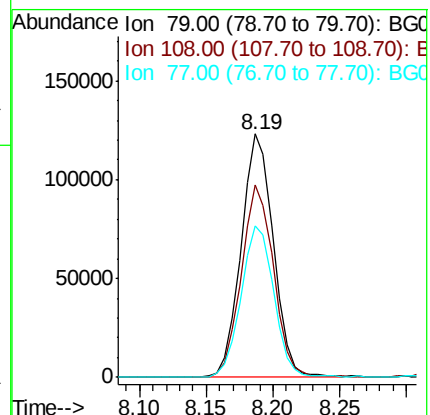
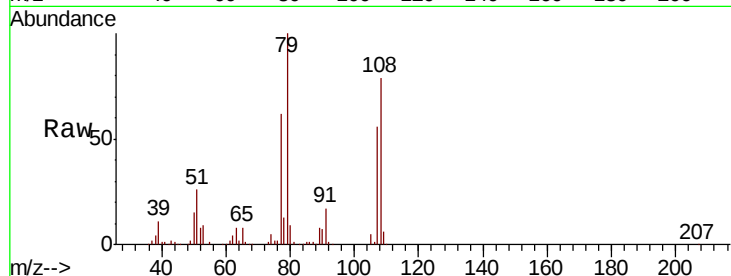
Tot Ion: 79 Resp: 205243

Ion Ratio Lower Upper

79 100

108 79.2 64.1 96.1

77 62.0 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.405 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

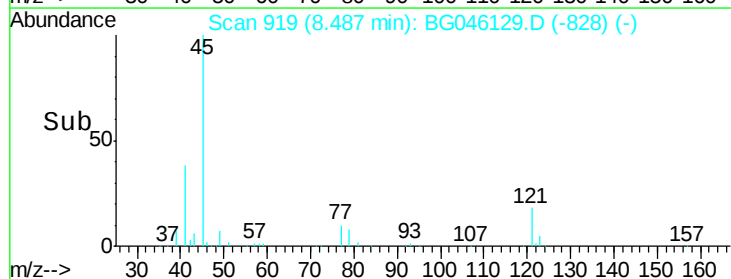
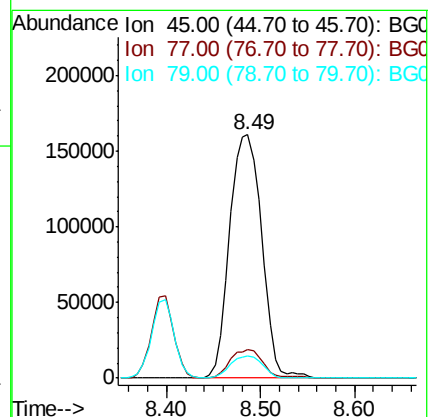
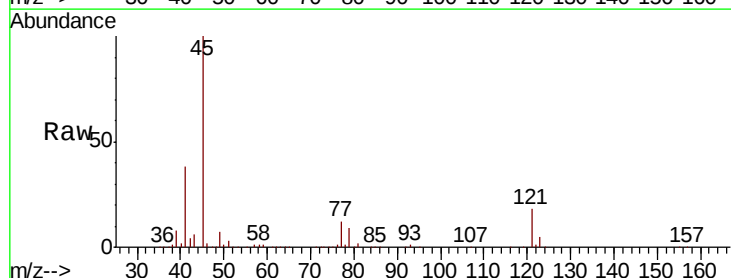
Tgt Ion: 45 Resp: 382011

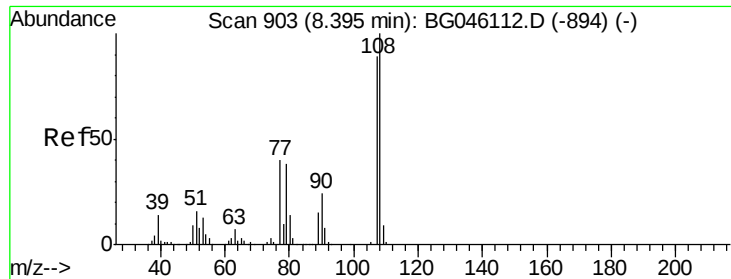
Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.9

79 8.9 0.0 29.5





#17

2-Methylphenol

Concen: 41.875 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:107 Resp: 200012

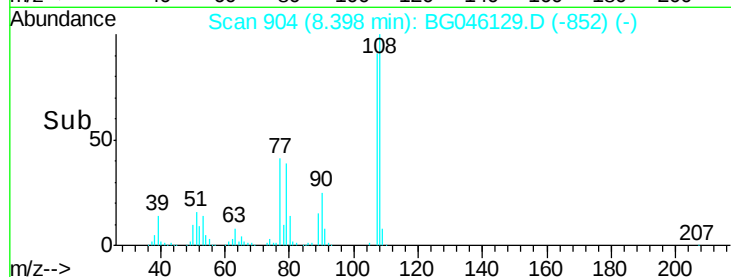
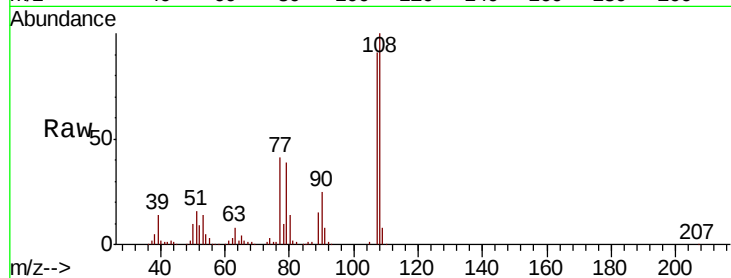
Ion Ratio Lower Upper

107 100

108 110.3 90.0 135.0

77 45.3 35.6 53.4

79 43.0 34.4 51.6

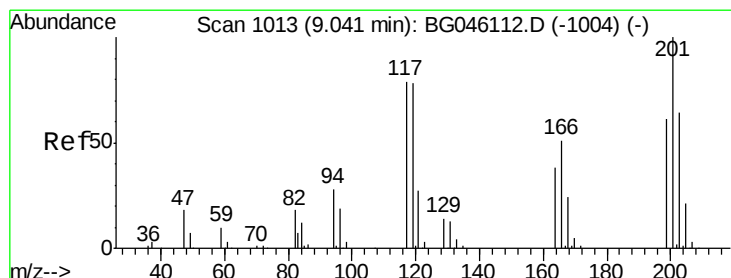
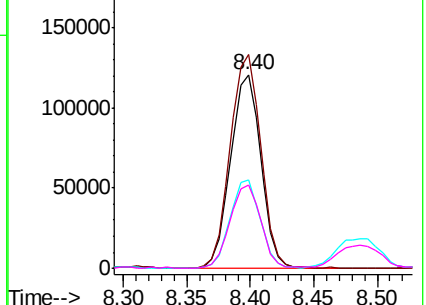


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.242 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

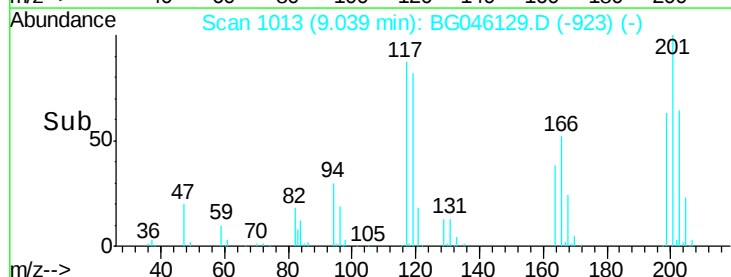
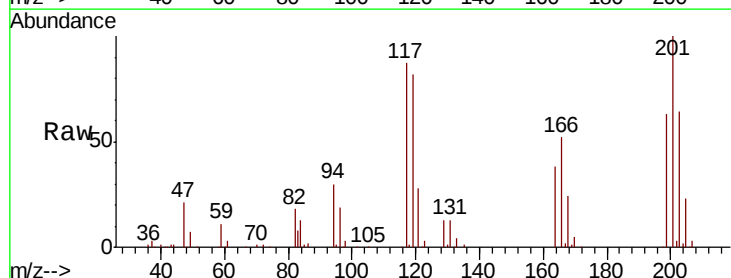
Tgt Ion:117 Resp: 93547

Ion Ratio Lower Upper

117 100

119 93.5 78.5 117.7

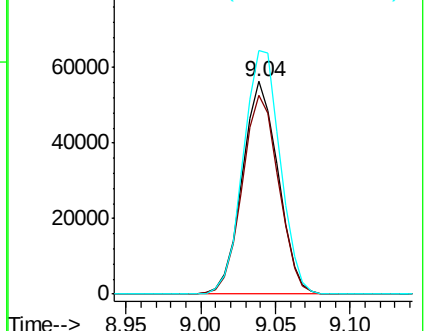
201 114.4 101.0 151.4

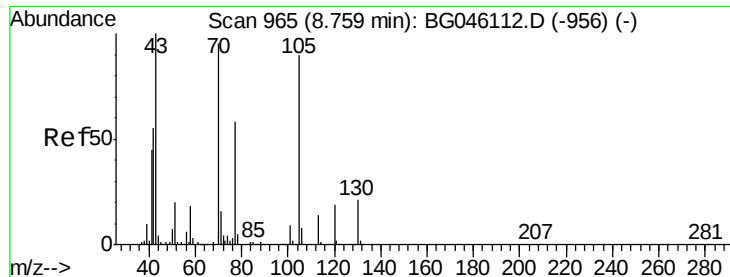


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

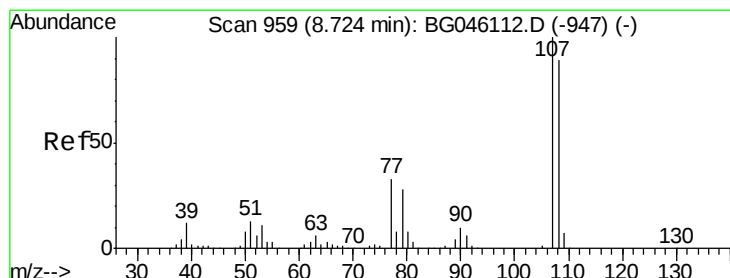
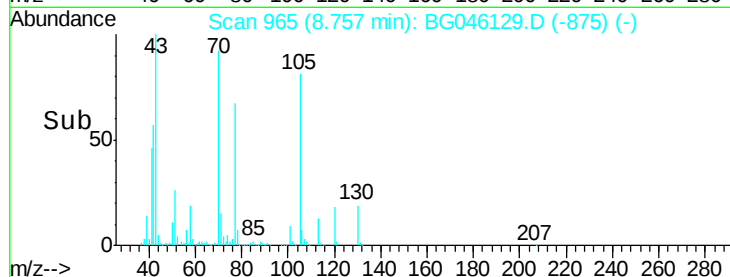
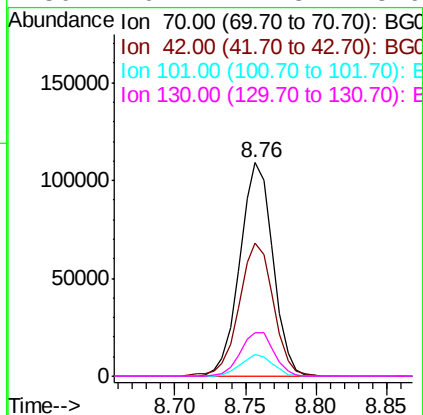
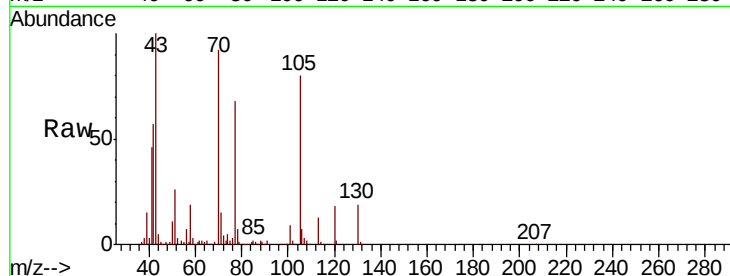




#19
n-Nitroso-di-n-propylamine
Concen: 38.971 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

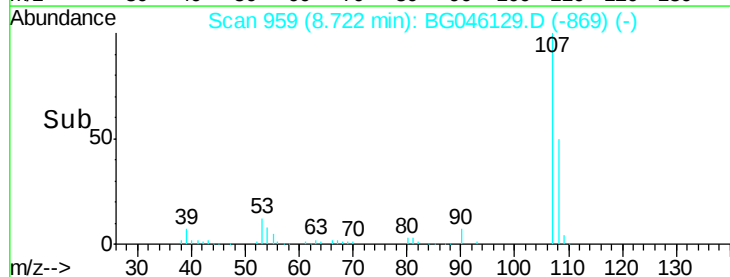
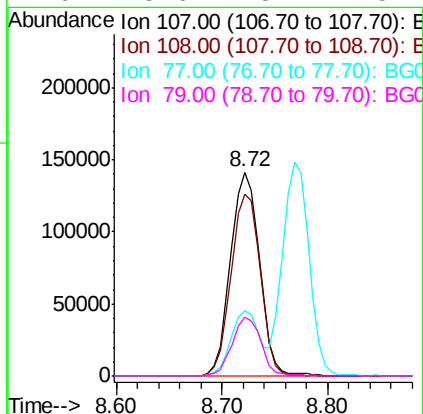
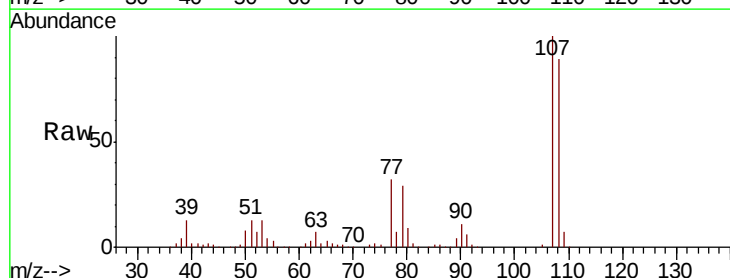
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

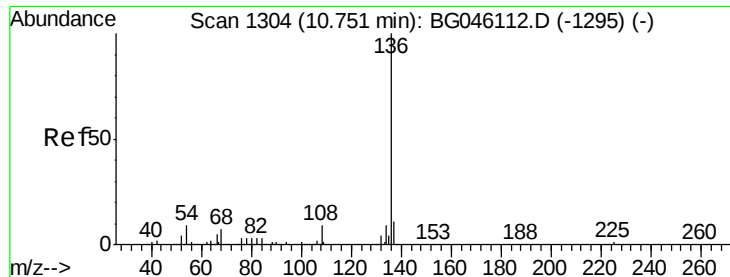
Tot Ion:	70	Resp:	178596
Ion	Ratio	Lower	Upper
70	100		
42	62.1	46.5	69.7
101	9.9	7.6	11.4
130	20.2	17.3	25.9



#20
3+4-Methylphenols
Concen: 41.076 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:	107	Resp:	268541
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.1	109.1
77	31.7	12.5	52.5
79	28.6	8.4	48.4

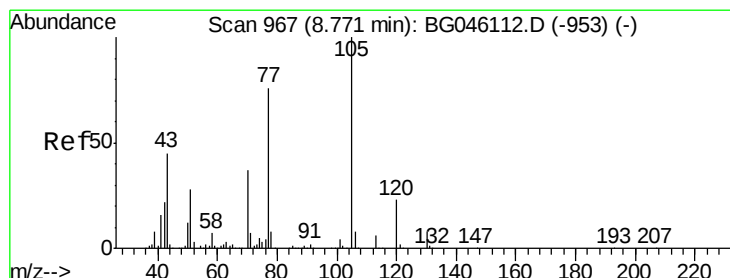
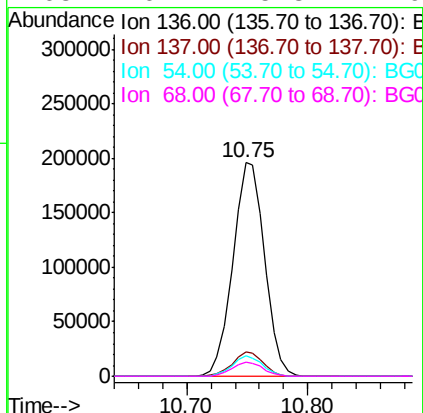
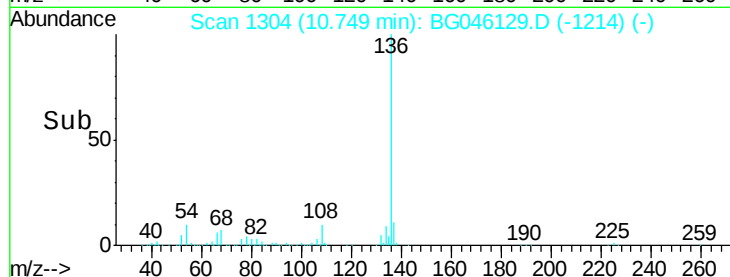
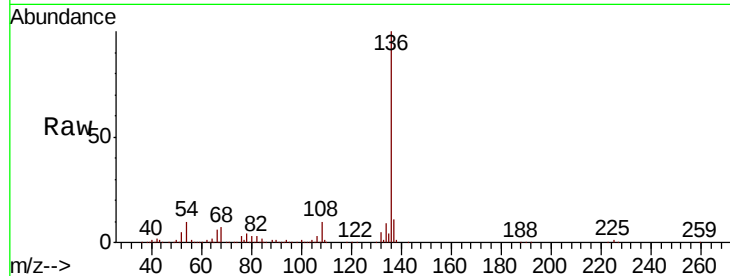




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

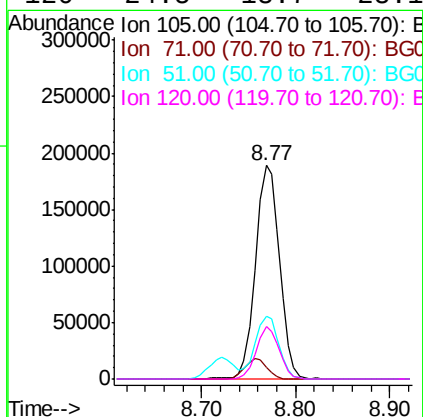
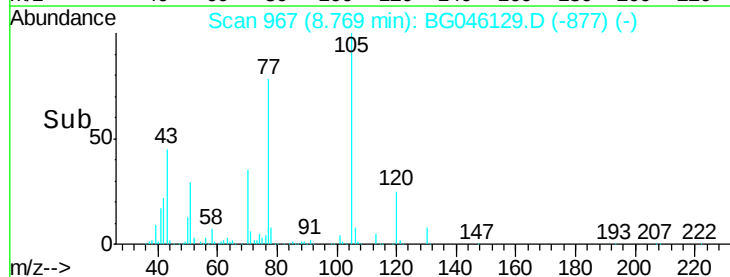
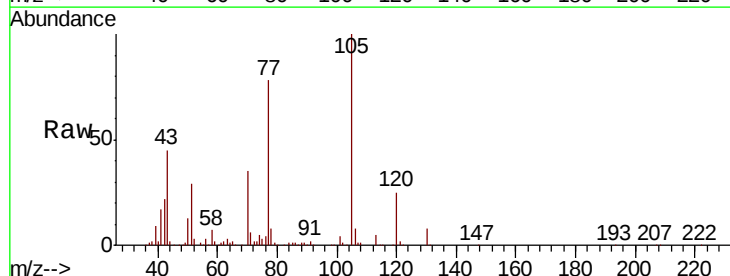
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

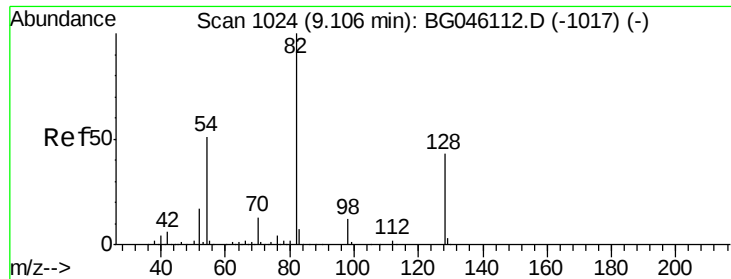
Tot Ion:136	Resp:	358159
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 9.6	7.0	10.4
68 6.7	5.3	7.9



#22
Acetophenone
Concen: 36.366 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt	Ion:105	Resp:	334265
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.3	7.9
51	29.4	22.7	34.1
120	24.5	18.7	28.1

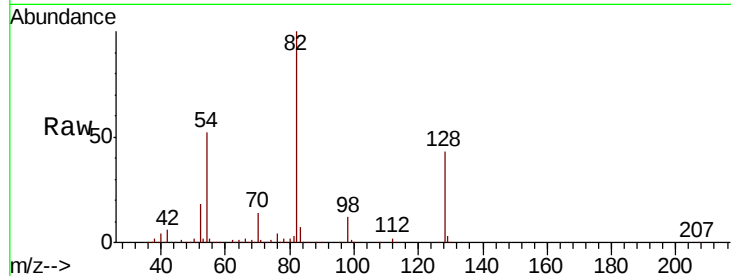




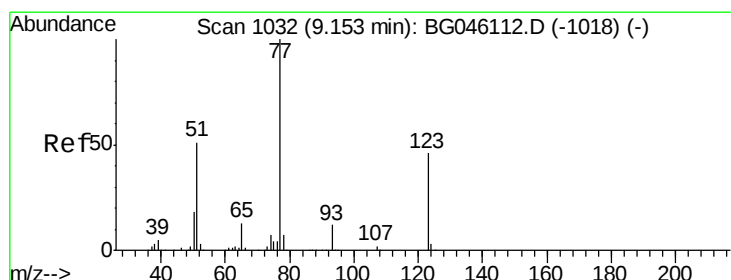
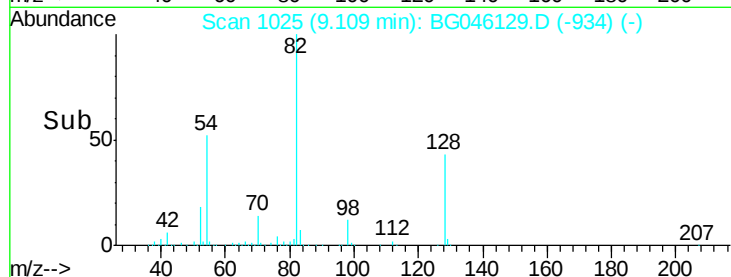
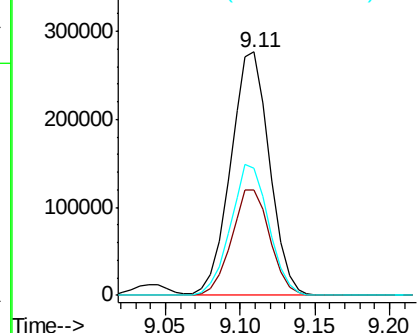
#23
 Nitrobenzene-d5
 Concen: 75.508 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

Tot Ion: 82 Resp: 499490
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.4 51.6
 54 52.4 40.8 61.2

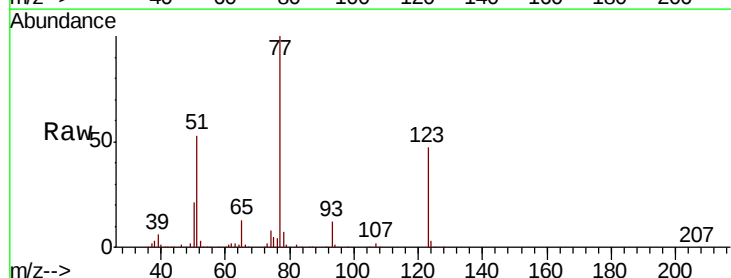


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

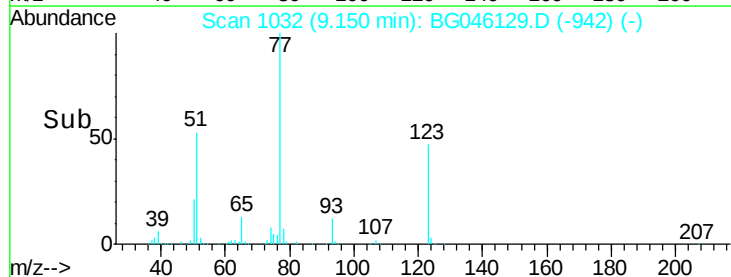
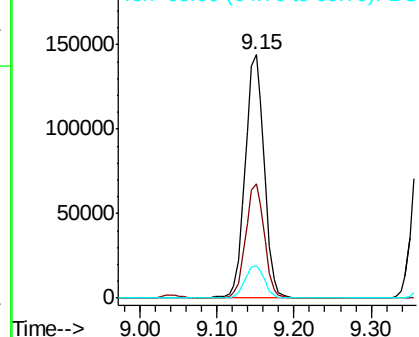


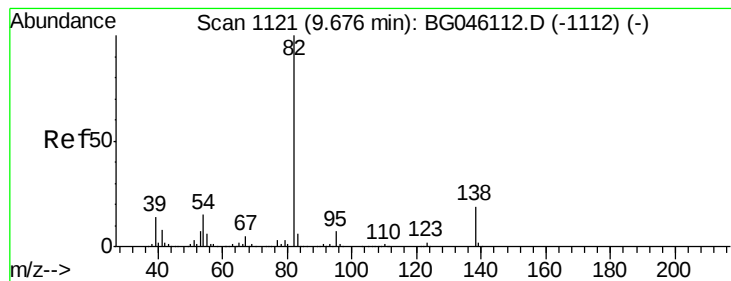
#24
 Nitrobenzene
 Concen: 35.368 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion: 77 Resp: 249442
 Ion Ratio Lower Upper
 77 100
 123 47.2 36.8 55.2
 65 13.4 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.513 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

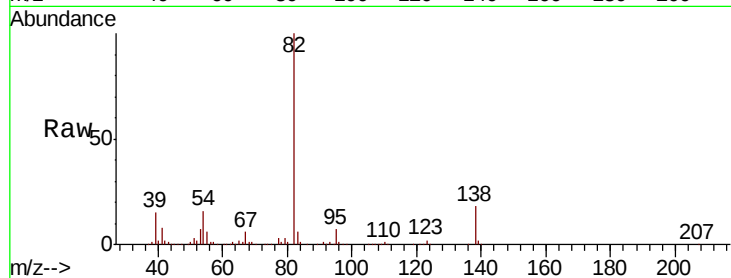
Tot Ion: 82 Resp: 480616

Ion Ratio Lower Upper

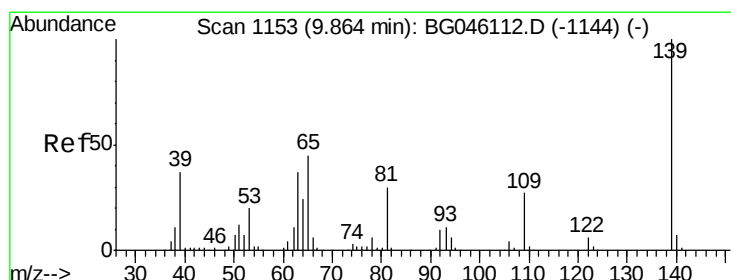
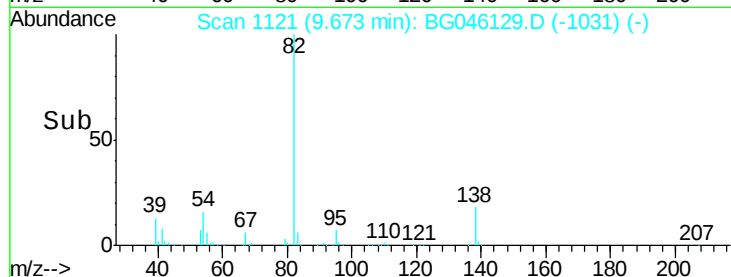
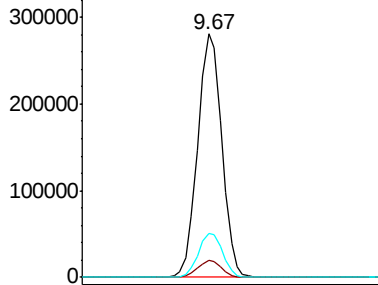
82 100

95 7.1 5.5 8.3

138 17.9 15.3 22.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.047 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

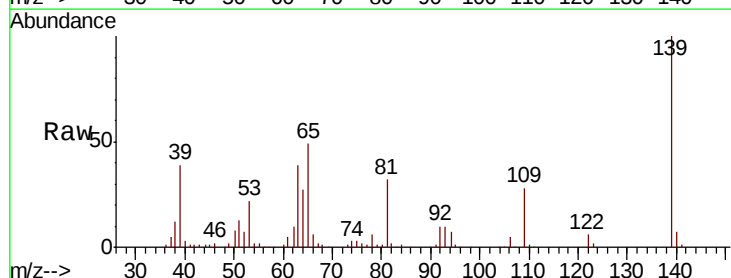
Tgt Ion: 139 Resp: 128007

Ion Ratio Lower Upper

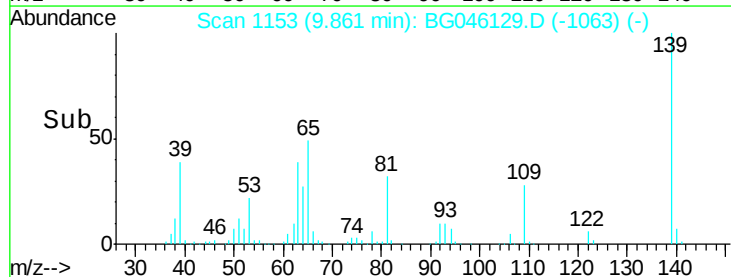
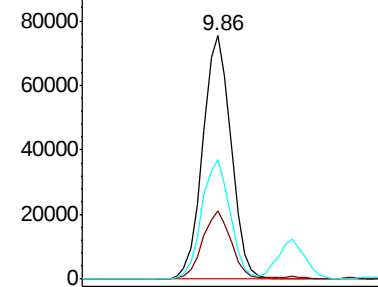
139 100

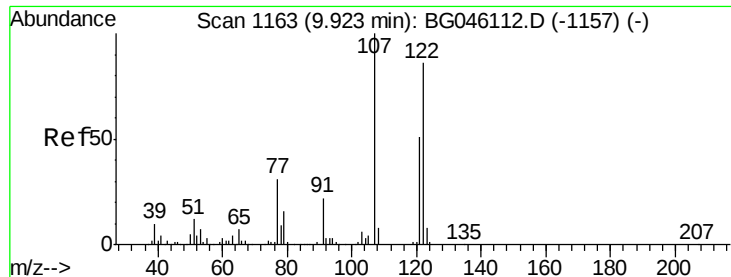
109 28.1 21.8 32.8

65 49.3 36.2 54.2



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

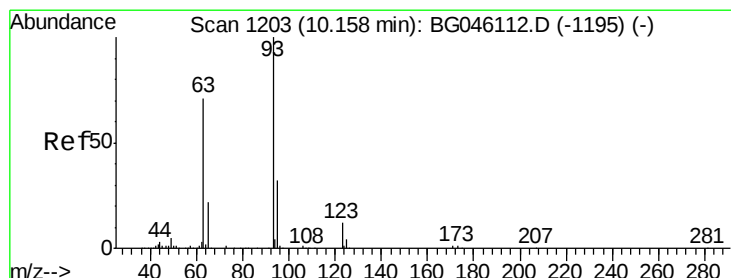
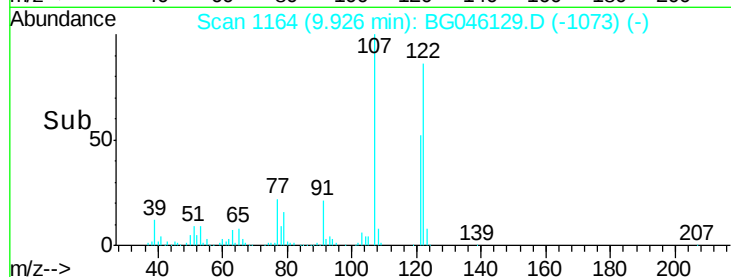
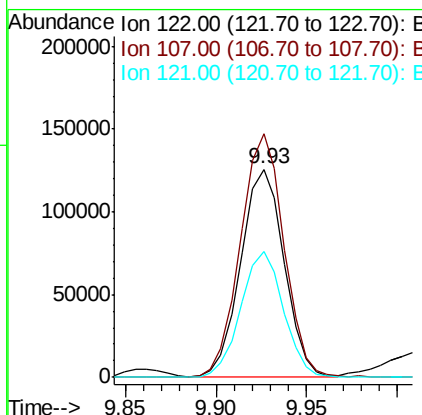
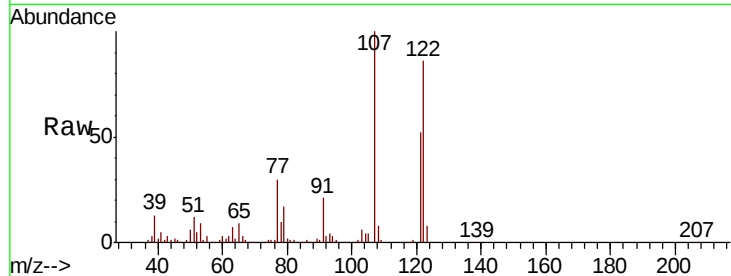




#27
 2,4-Dimethylphenol
 Concen: 39.831 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

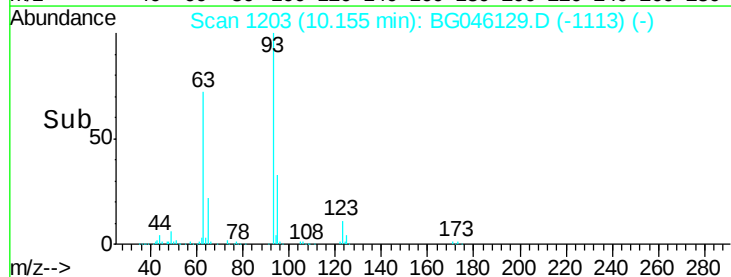
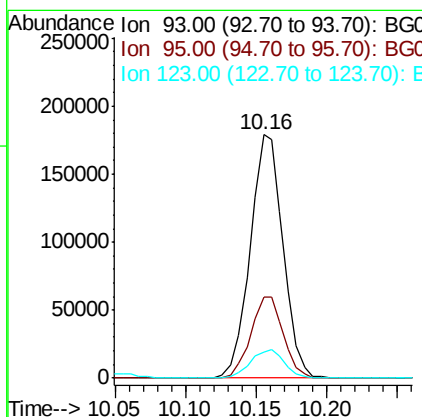
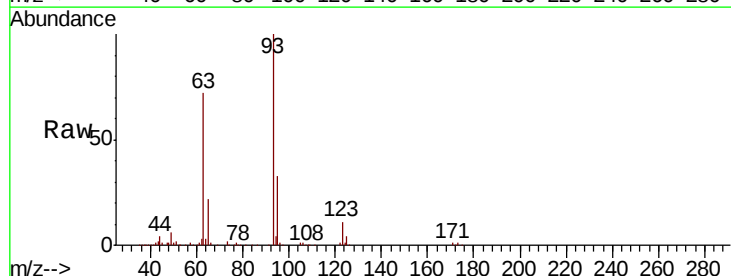
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

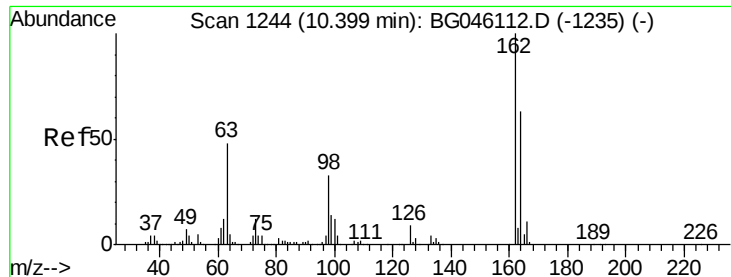
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.4	138.6
121	60.4	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.619 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	10.7	9.7	14.5

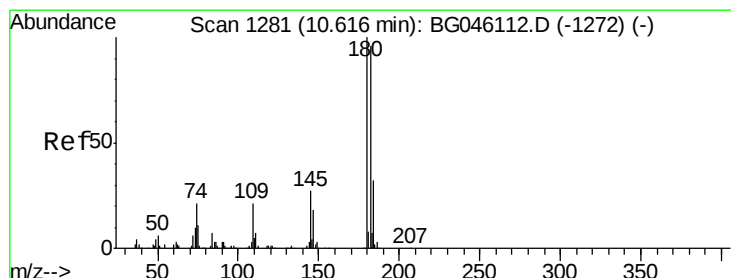
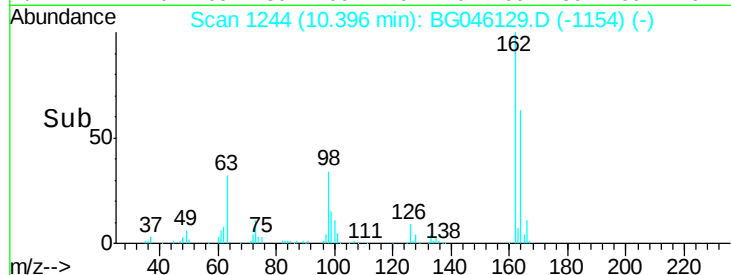
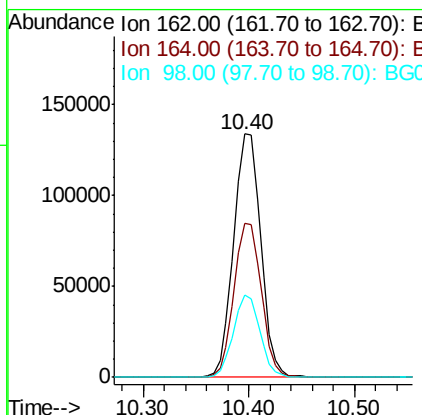
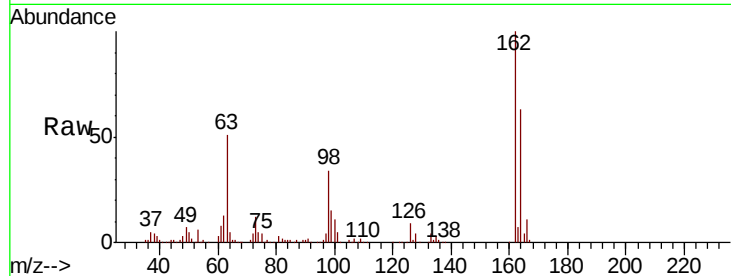




#29
2,4-Dichlorophenol
Concen: 38.897 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

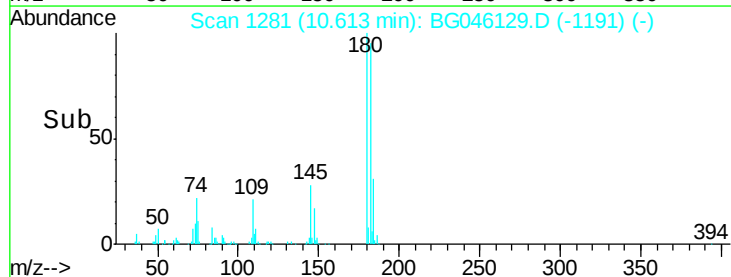
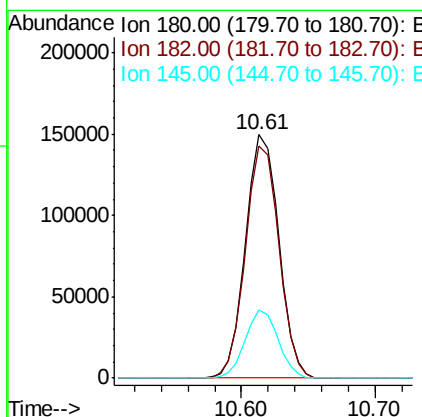
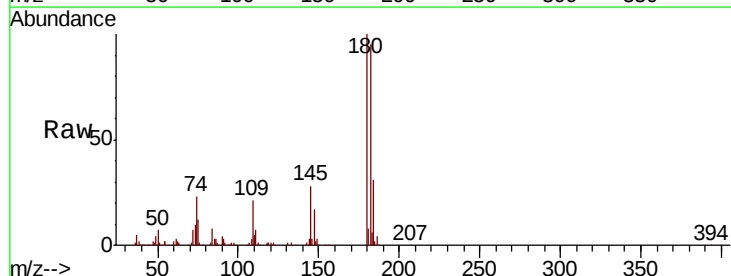
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

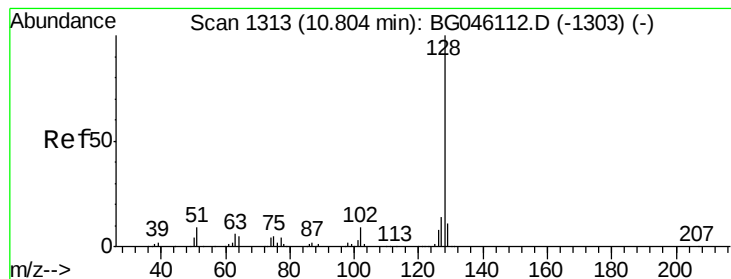
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.3	83.3
98	34.0	13.1	53.1



#30
1,2,4-Trichlorobenzene
Concen: 35.963 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.7	115.1
145	28.2	21.8	32.8





#31

Naphthalene

Concen: 35.992 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

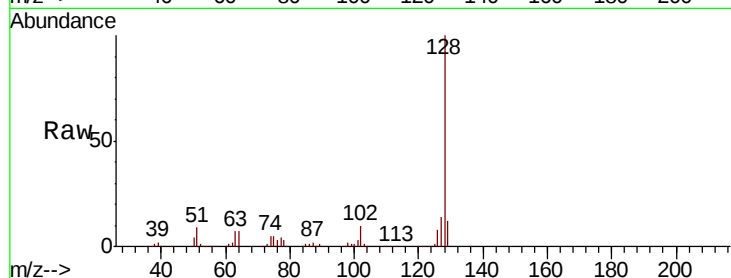
Tot Ion:128 Resp: 682084

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

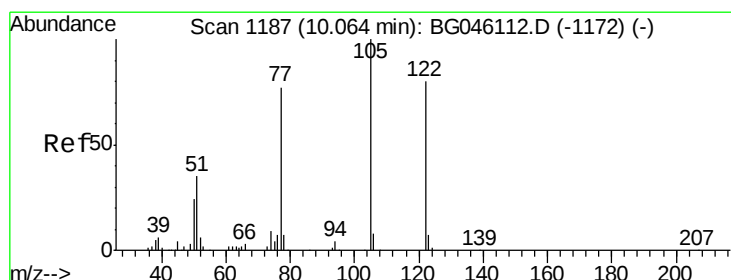
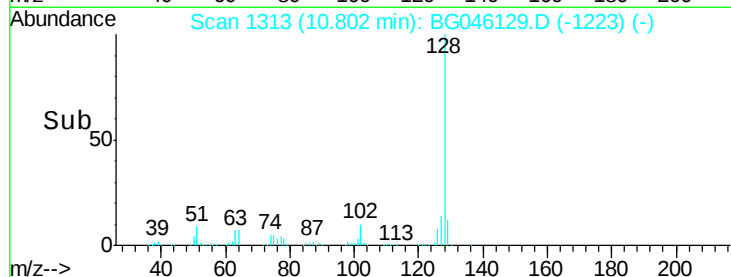
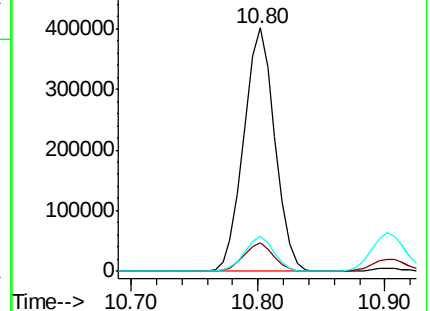
127 14.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.452 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

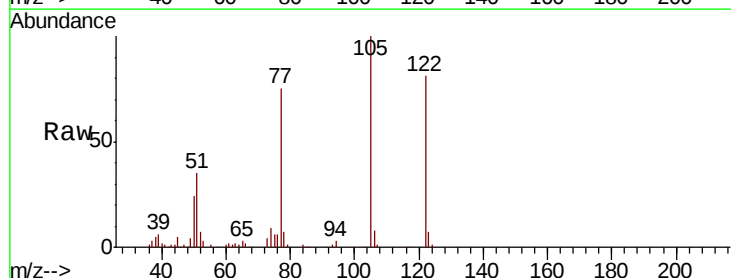
Tgt Ion:122 Resp: 123845

Ion Ratio Lower Upper

122 100

105 123.3 103.0 143.0

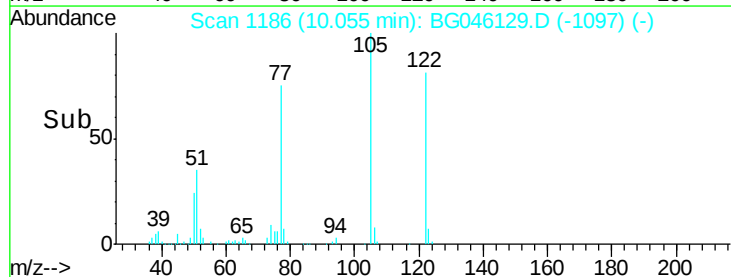
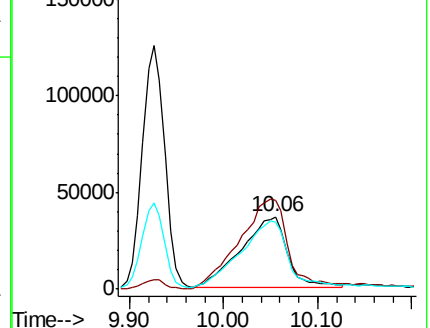
77 92.3 75.2 115.2

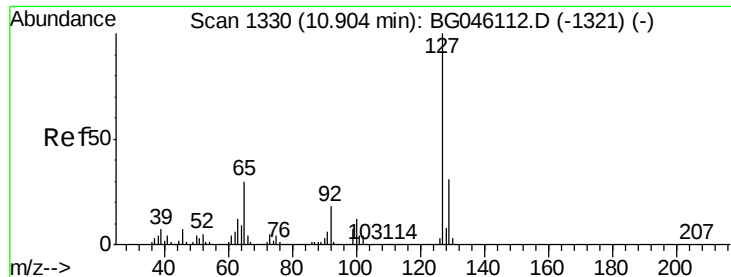


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

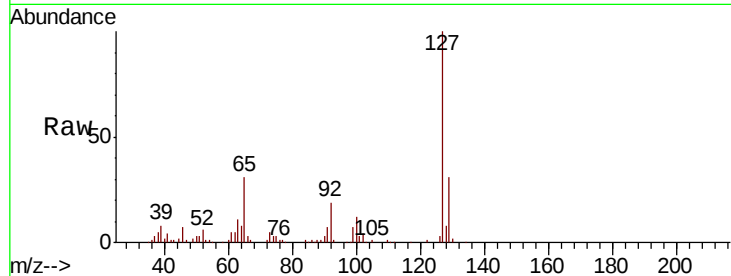




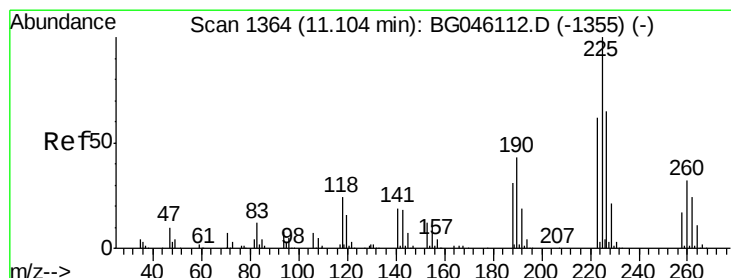
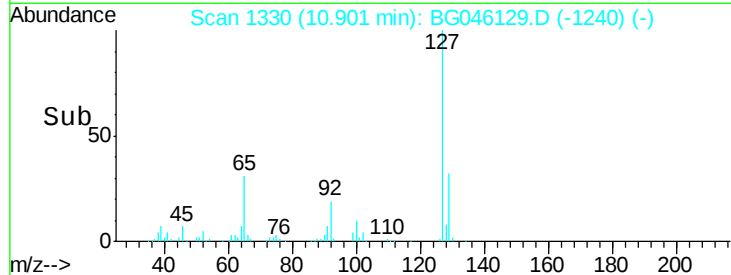
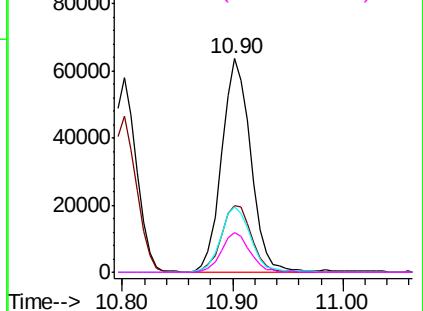
#33
4-Chloroaniline
Concen: 15.211 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion:	127	Resp:	117797
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.2	37.8
65	30.8	24.2	36.2
92	18.9	14.5	21.7

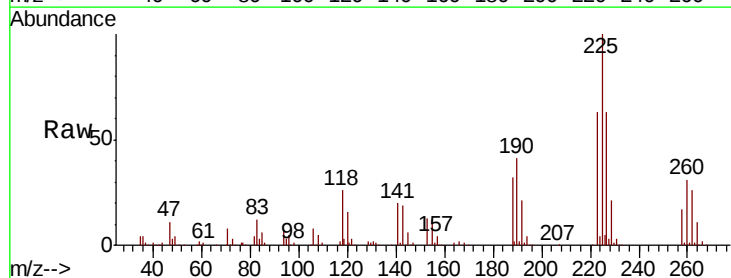


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

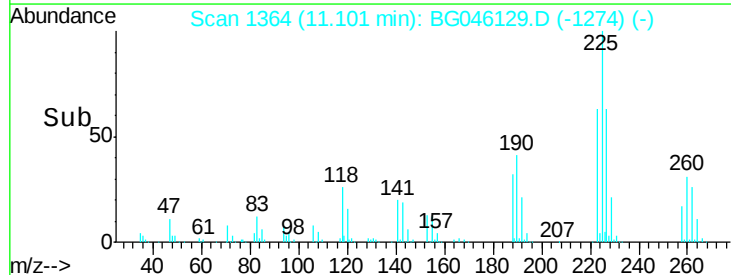
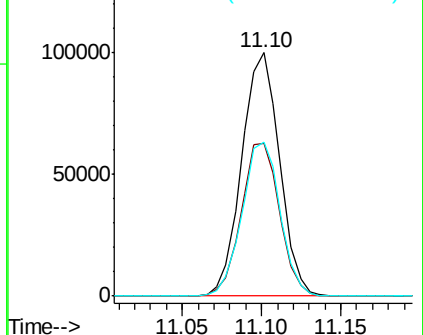


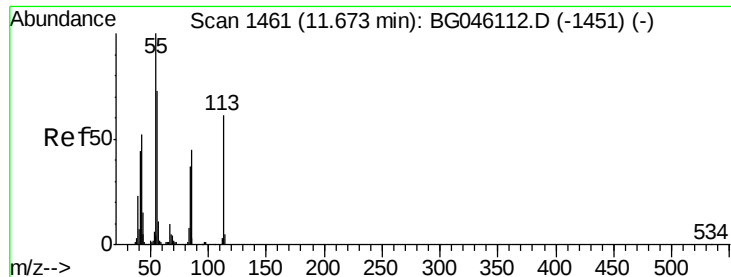
#34
Hexachlorobutadiene
Concen: 34.727 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:	225	Resp:	165667
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.6
227	63.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.501 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

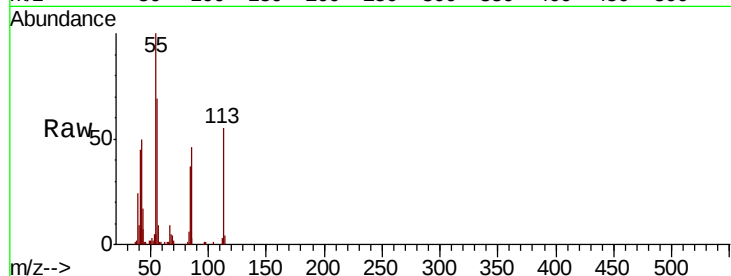
Tot Ion:113 Resp: 43052

Ion Ratio Lower Upper

113 100

55 182.5 144.7 184.7

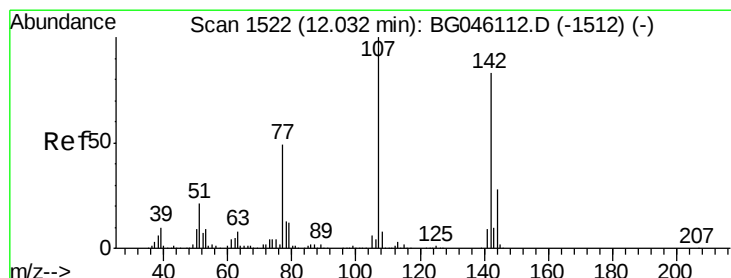
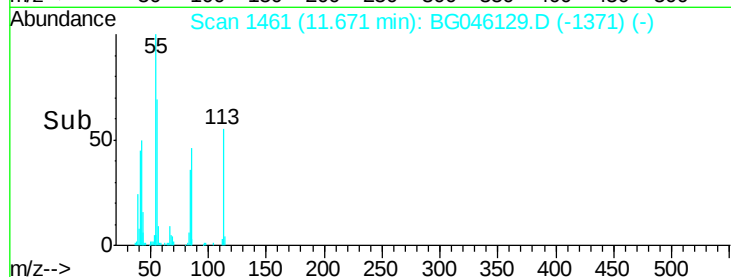
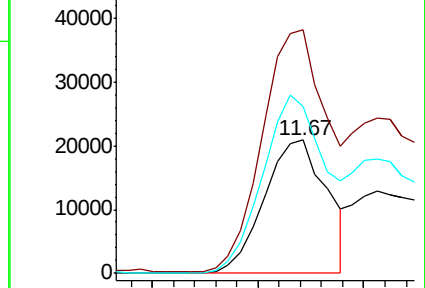
56 125.5 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.776 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

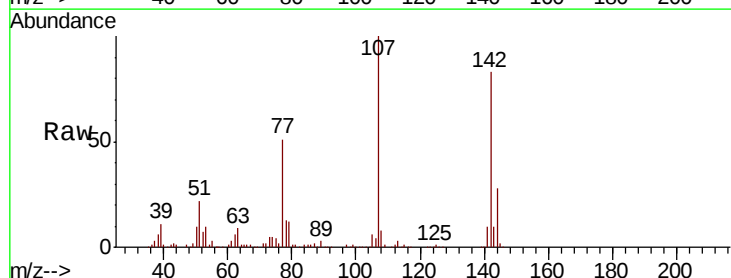
Tgt Ion:107 Resp: 244793

Ion Ratio Lower Upper

107 100

144 28.1 22.4 33.6

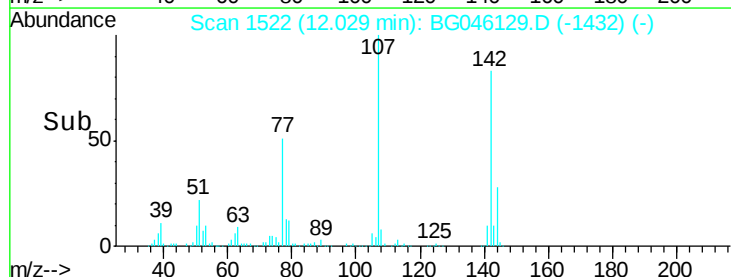
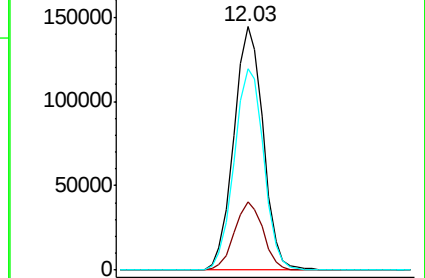
142 82.8 66.6 100.0

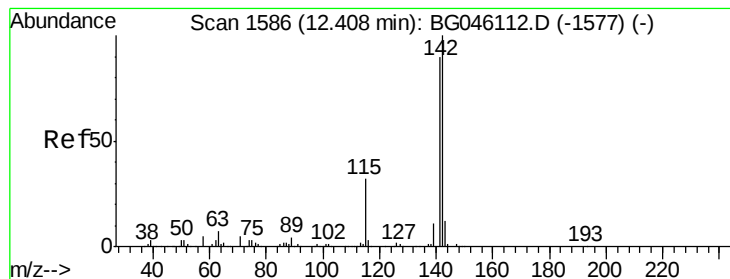


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.856 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

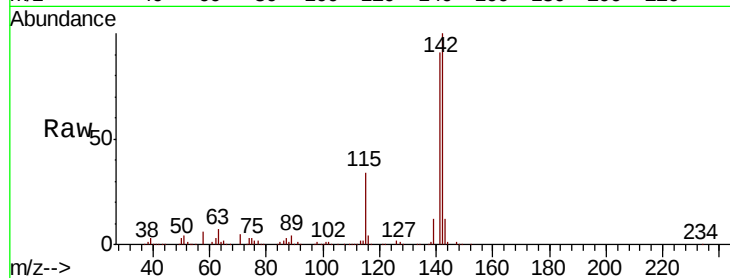
Tot Ion:142 Resp: 522847

Ion Ratio Lower Upper

142 100

141 90.6 71.7 107.5

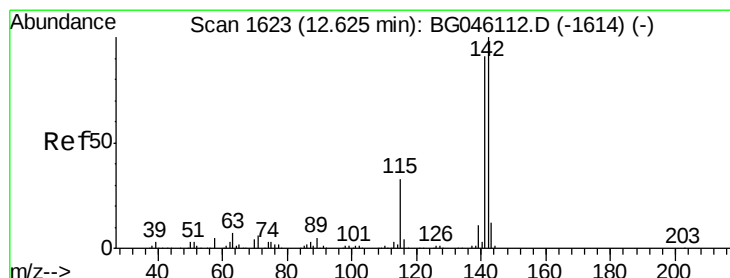
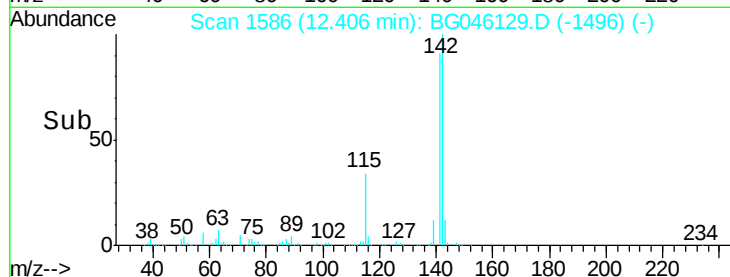
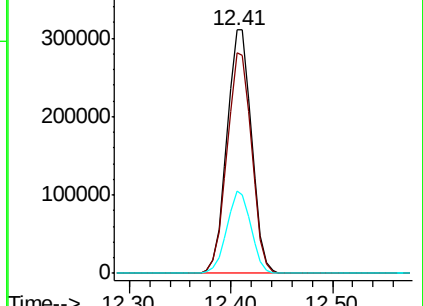
115 33.9 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.282 ng

RT: 12.63 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

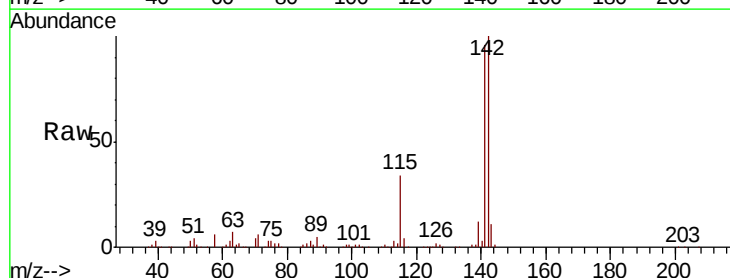
Tgt Ion:142 Resp: 500645

Ion Ratio Lower Upper

142 100

141 95.7 73.0 109.4

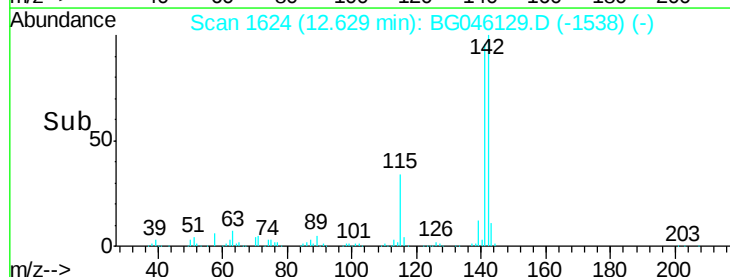
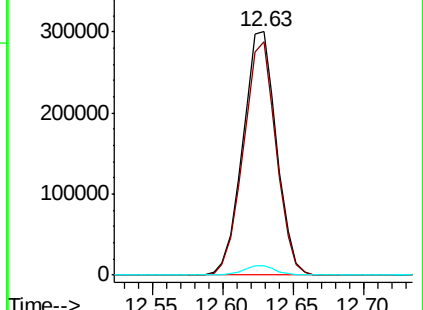
116 3.7 2.8 4.2

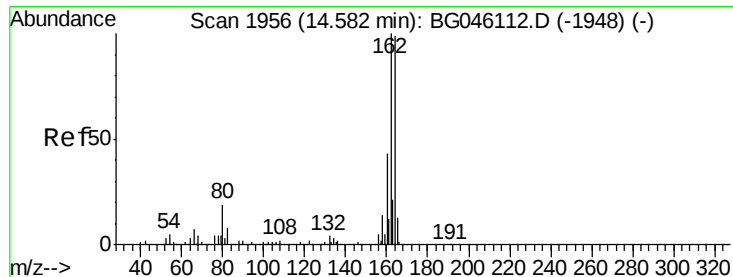


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

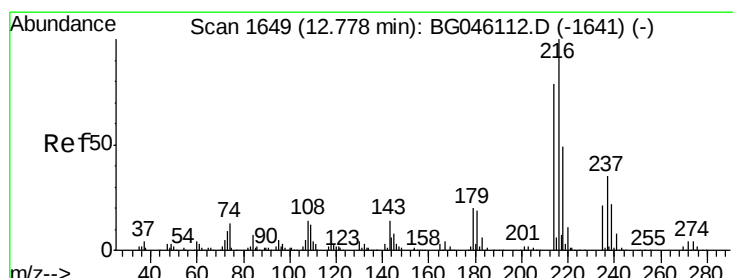
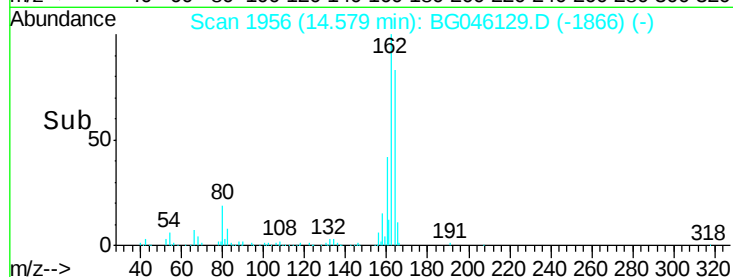
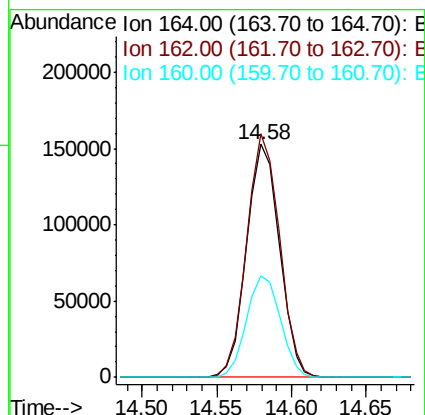
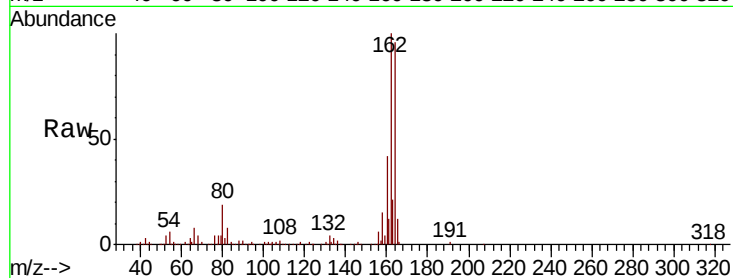
Tot Ion:164 Resp: 233088

Ion Ratio Lower Upper

164 100

162 104.4 80.6 121.0

160 43.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.843 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:216 Resp: 292618

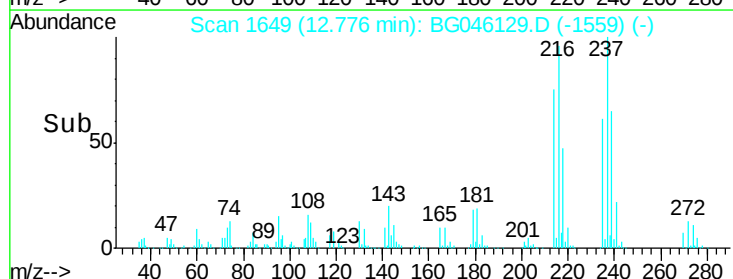
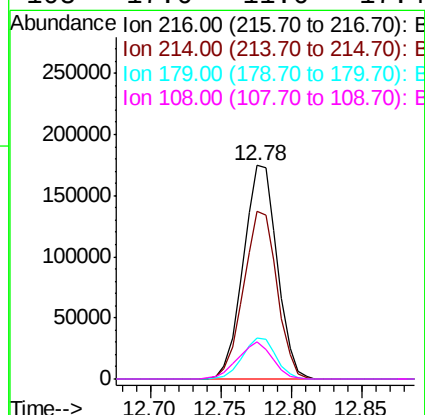
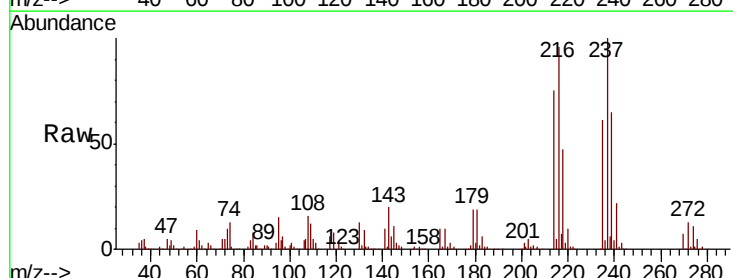
Ion Ratio Lower Upper

216 100

214 77.6 62.7 94.1

179 19.1 15.0 22.6

108 17.6 11.6 17.4#





#41

Hexachlorocyclopentadiene

Concen: 86.458 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

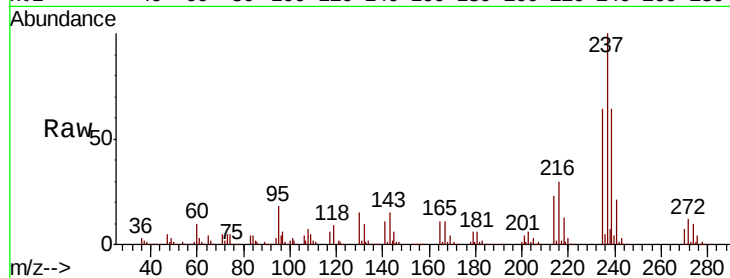
Tot Ion:237 Resp: 416480

Ion Ratio Lower Upper

237 100

235 64.4 42.3 82.3

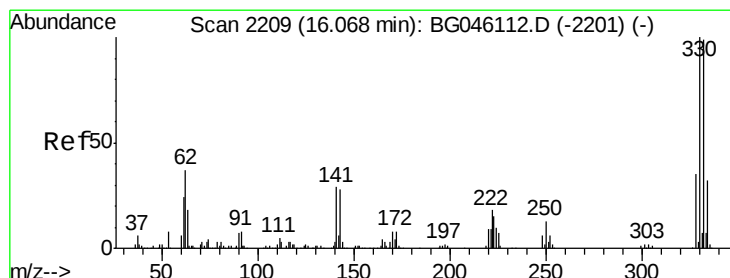
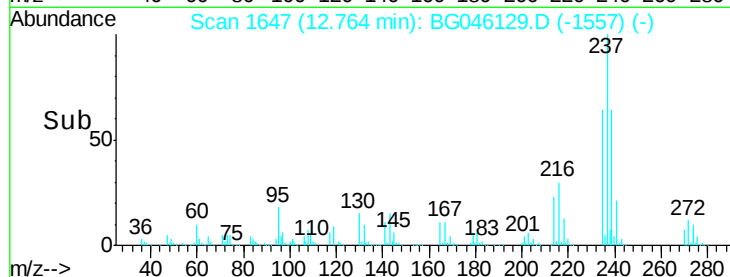
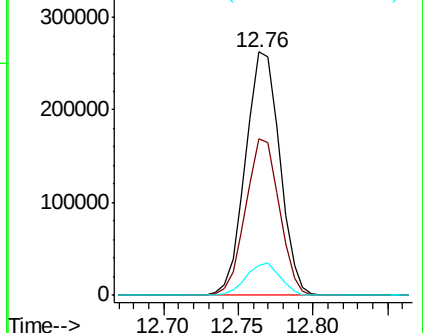
272 12.5 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.713 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

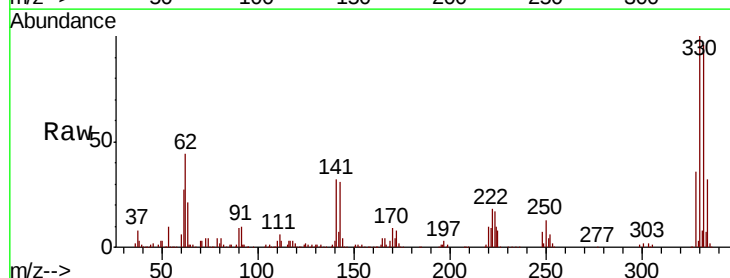
Tgt Ion:330 Resp: 382051

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

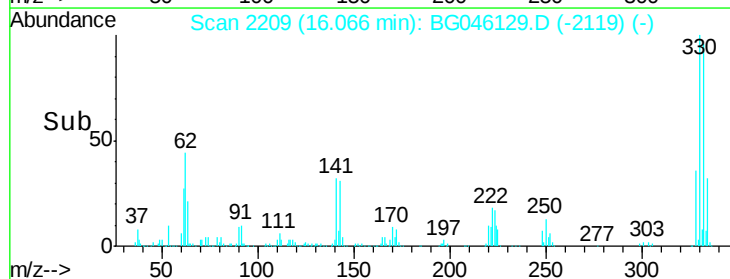
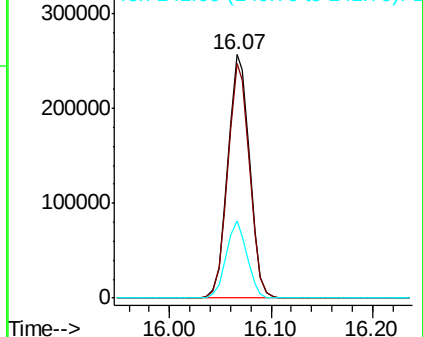
141 30.6 23.4 35.0

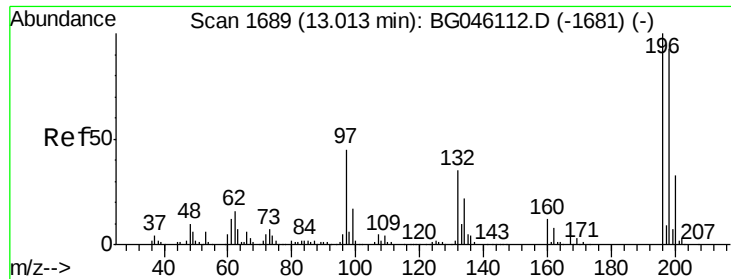


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

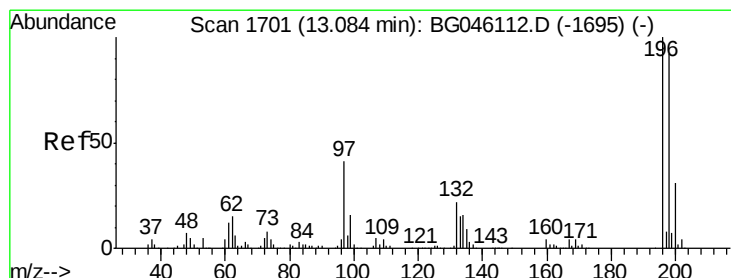
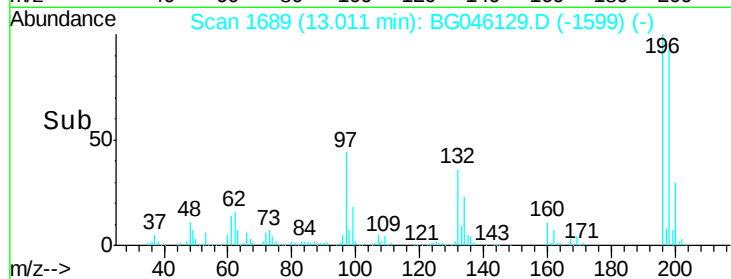
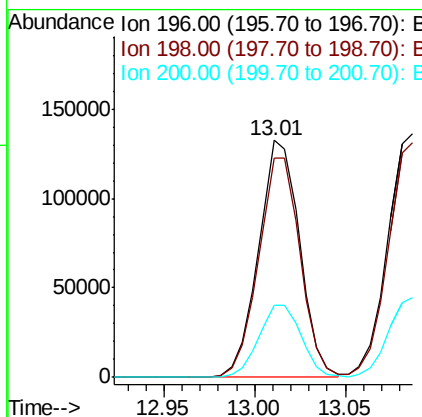
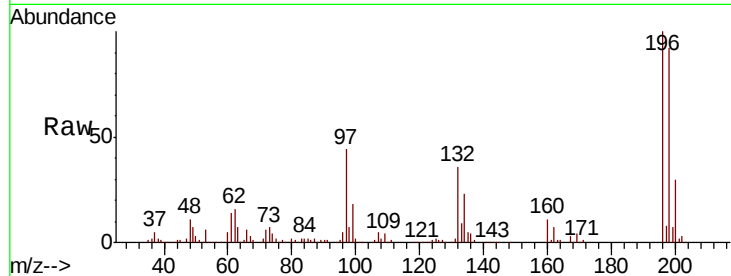




#43
 2,4,6-Trichlorophenol
 Concen: 38.807 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

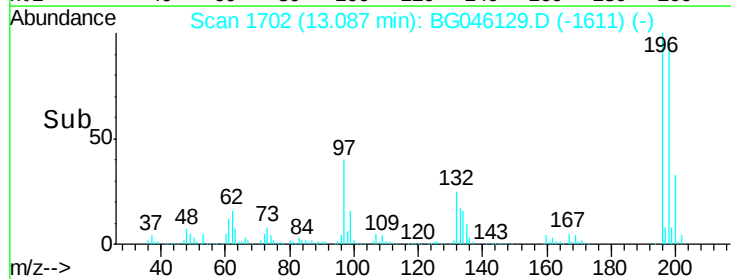
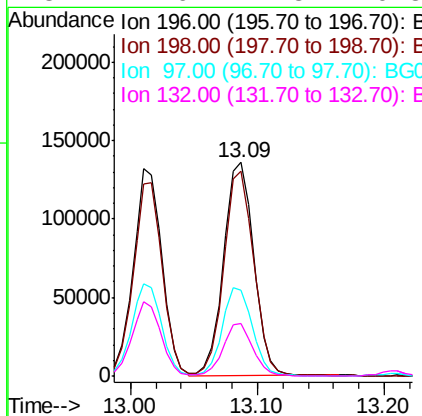
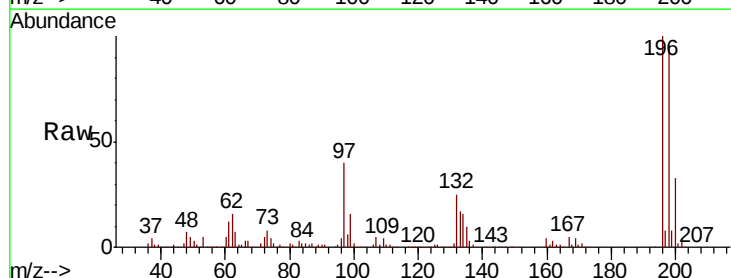
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

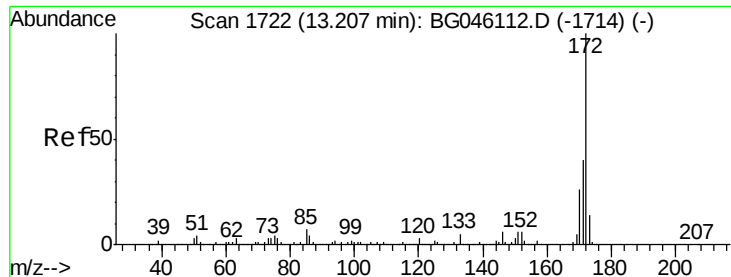
Tot Ion:196 Resp: 207930
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.4
 200 30.2 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.202 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion:196 Resp: 223335
 Ion Ratio Lower Upper
 196 100
 198 96.2 73.9 110.9
 97 40.3 32.7 49.1
 132 24.6 17.8 26.8

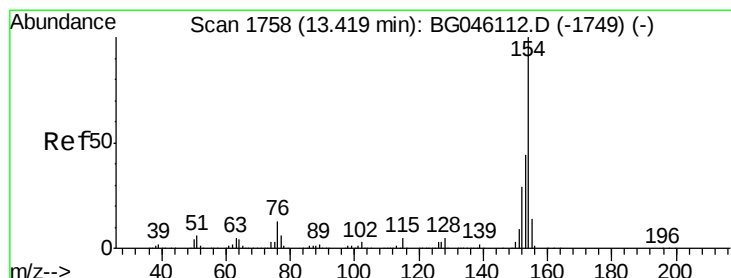
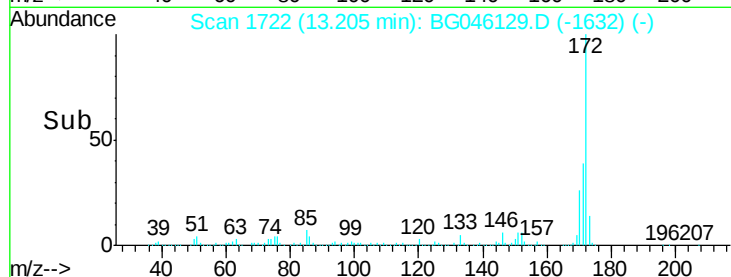
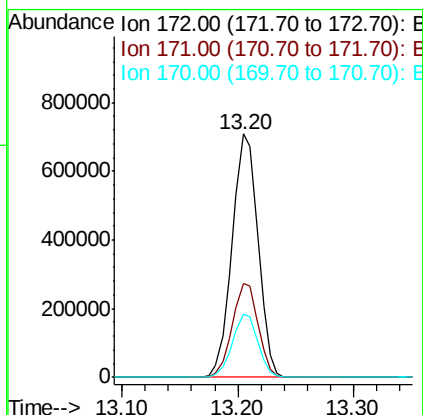
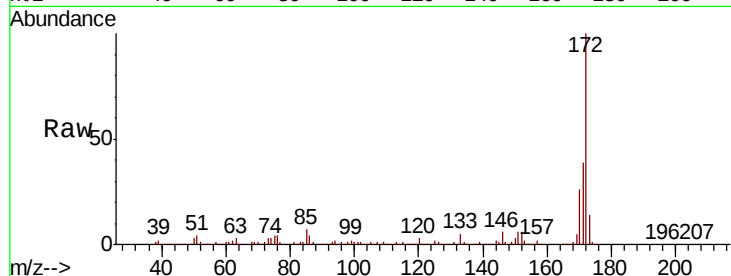




#45
2-Fluorobiphenyl
Concen: 68.718 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

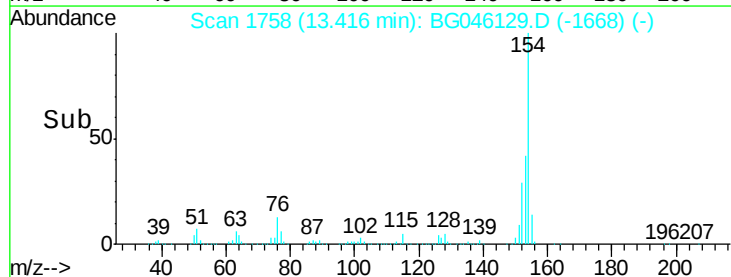
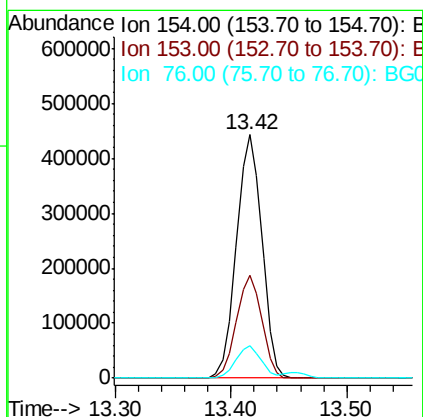
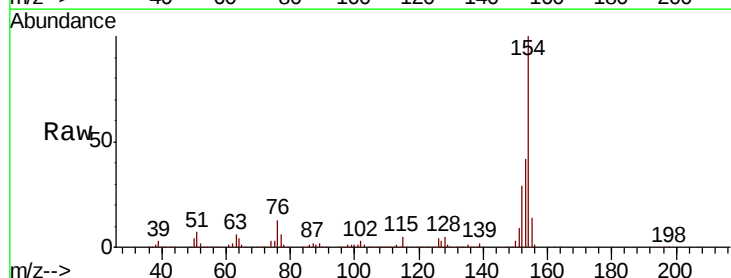
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion:172 Resp: 1102644
Ion Ratio Lower Upper
172 100
171 38.5 31.7 47.5
170 25.8 20.9 31.3



#46
1,1'-Biphenyl
Concen: 36.917 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:154 Resp: 675025
Ion Ratio Lower Upper
154 100
153 42.4 23.7 63.7
76 13.1 0.0 32.9

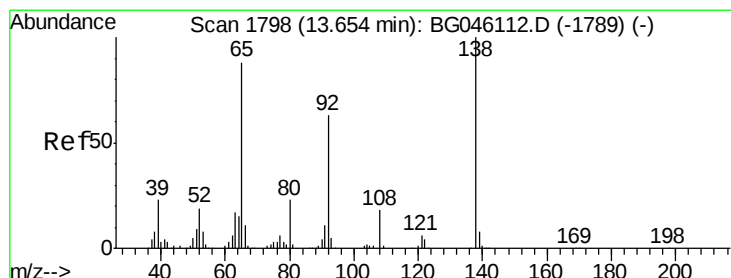
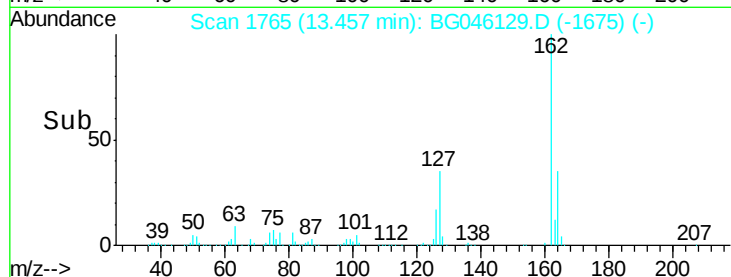
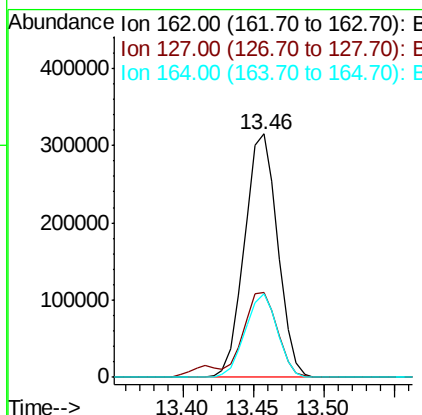
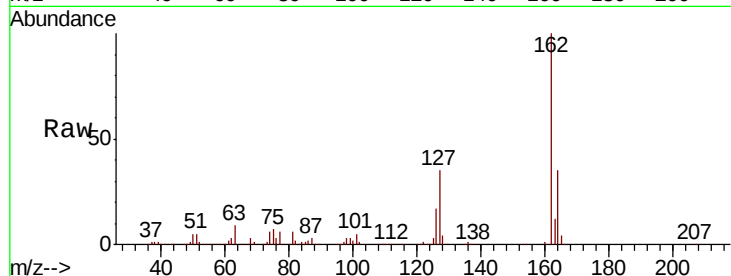




#47
 2-Chloronaphthalene
 Concen: 35.603 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

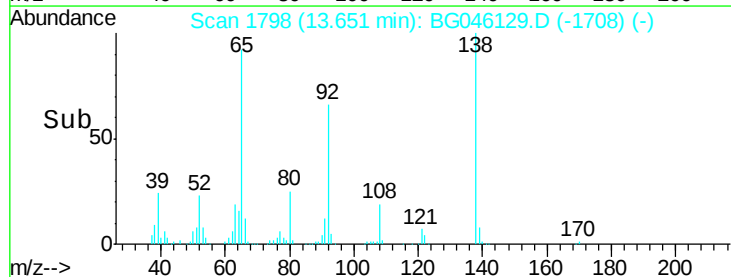
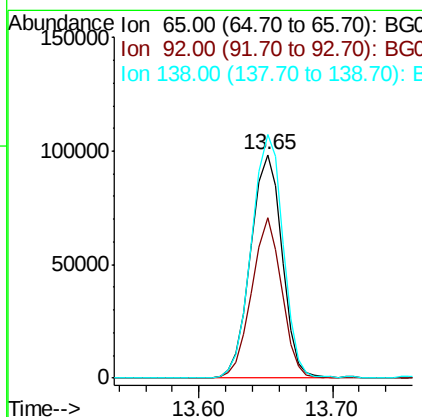
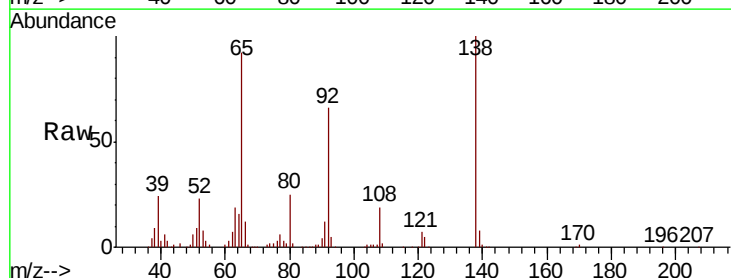
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

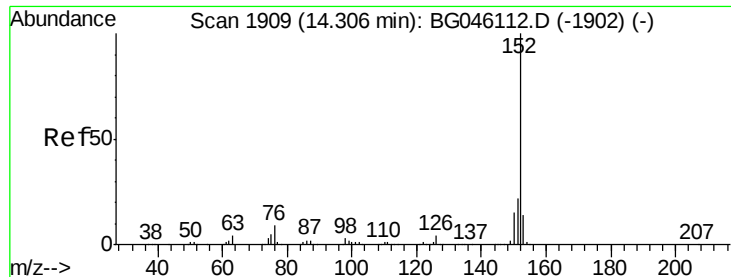
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	28.0	42.0
164	34.5	26.5	39.7



#48
 2-Nitroaniline
 Concen: 41.827 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.4	86.2
138	108.9	91.1	136.7





#49

Acenaphthylene

Concen: 36.947 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

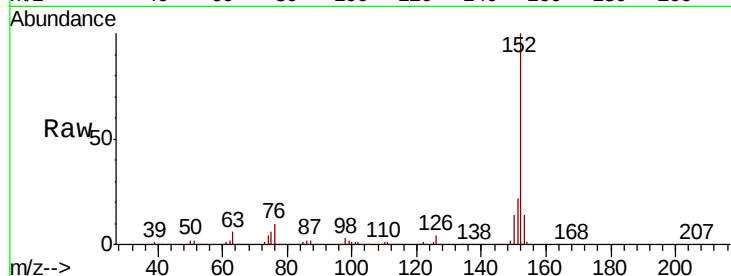
BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:152 Resp: 836795

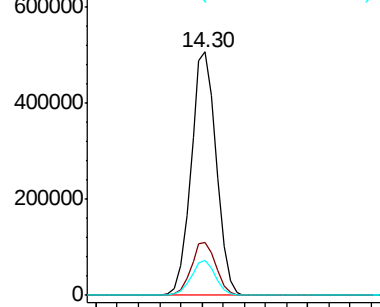
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.2
153	14.3	10.9	16.3



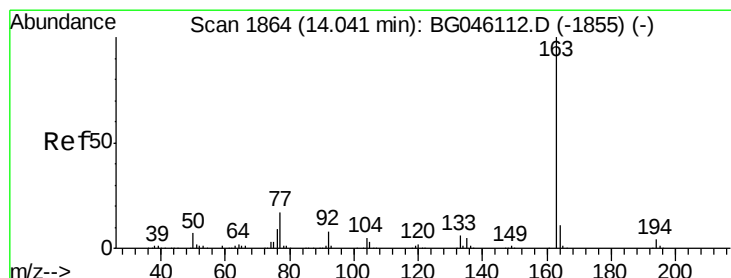
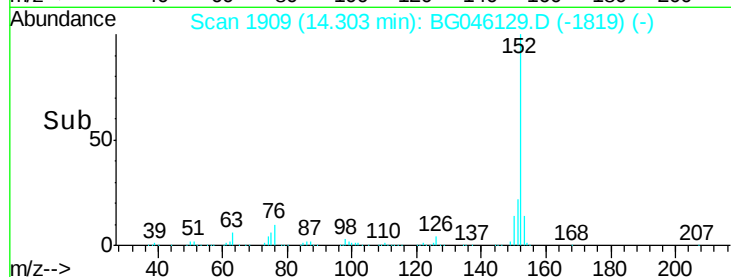
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.20 14.30 14.40



#50

Dimethylphthalate

Concen: 46.082 ng

RT: 14.04 min Scan# 1864

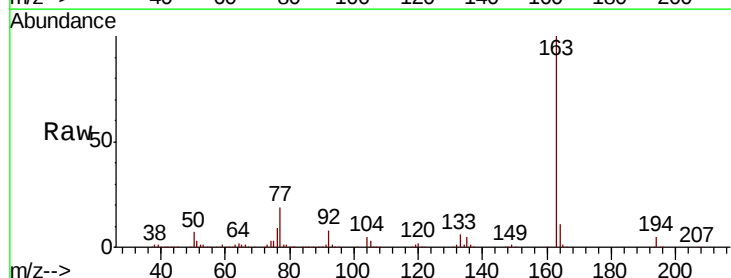
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:163 Resp: 824397

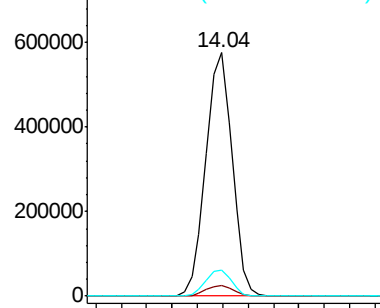
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	8.8	13.2



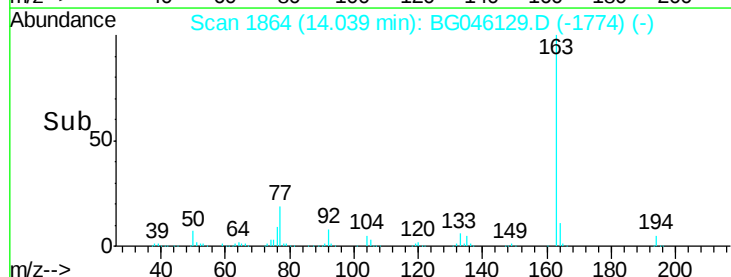
Abundance Ion 163.00 (162.70 to 163.70): E

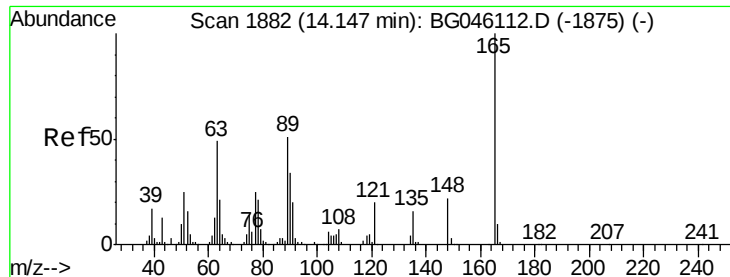
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.00 14.10

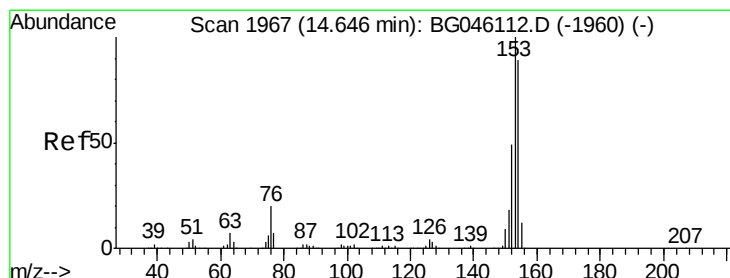
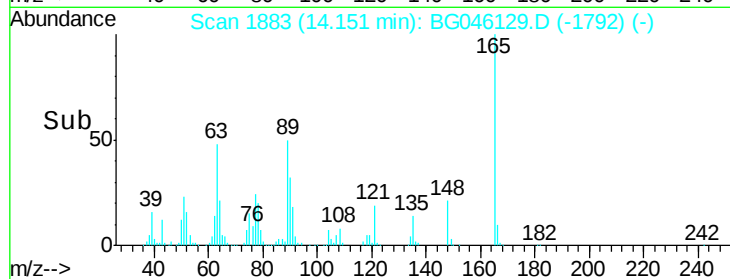
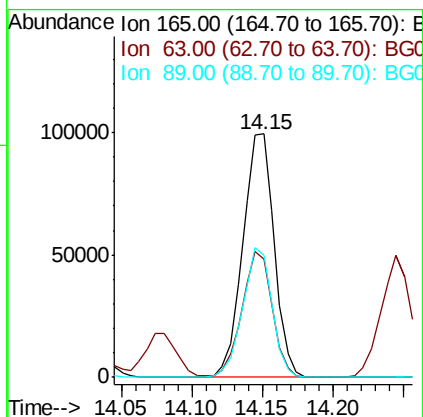
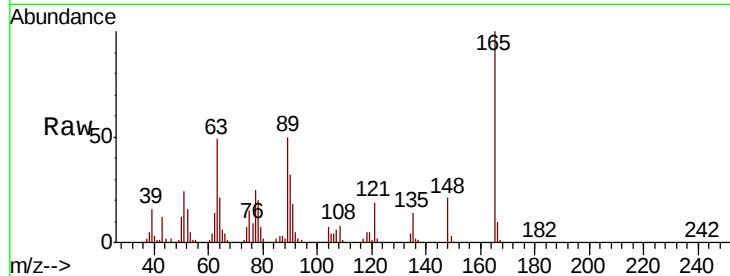




#51
2,6-Dinitrotoluene
Concen: 37.066 ng
RT: 14.15 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

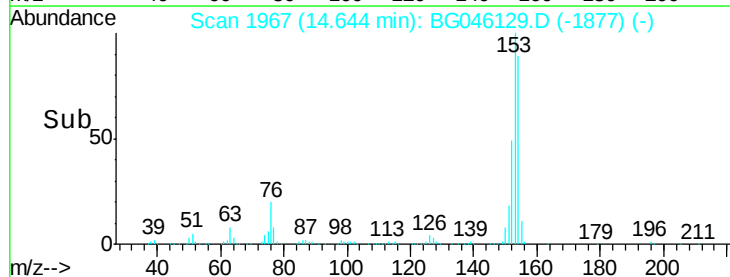
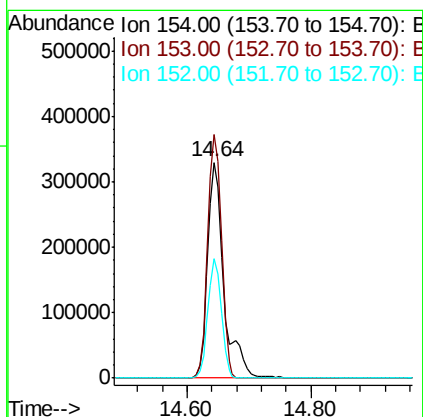
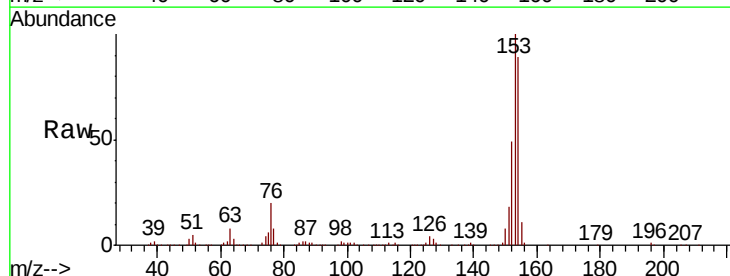
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

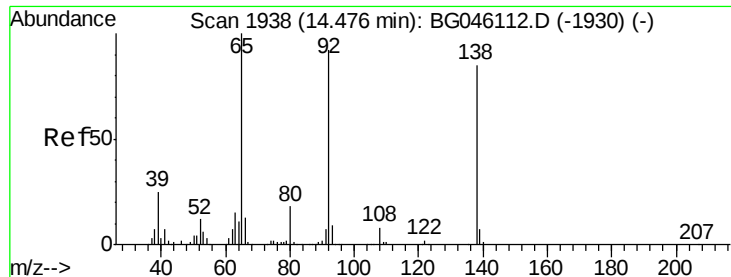
Tot Ion:165 Resp: 154327
Ion Ratio Lower Upper
165 100
63 48.5 39.7 59.5
89 50.1 41.0 61.6



#52
Acenaphthene
Concen: 39.793 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:154 Resp: 594798
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.8
152 55.1 44.5 66.7

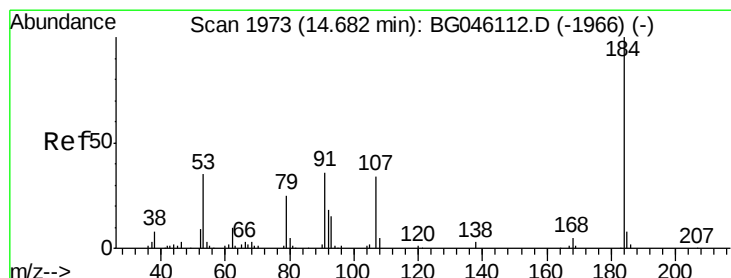
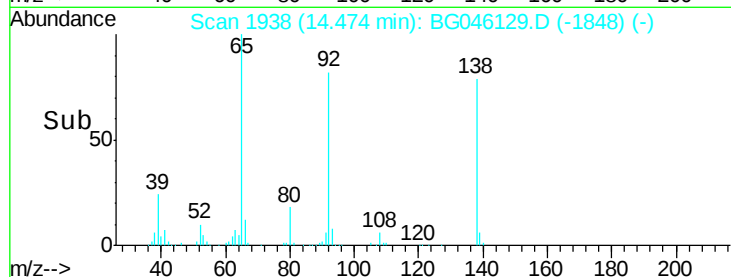
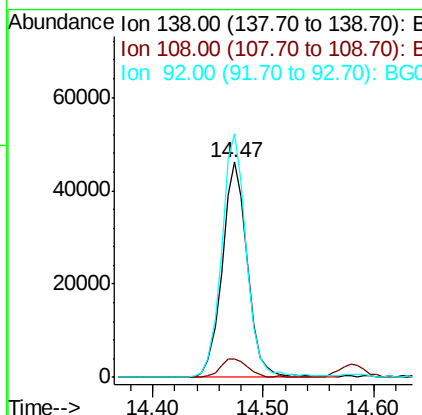
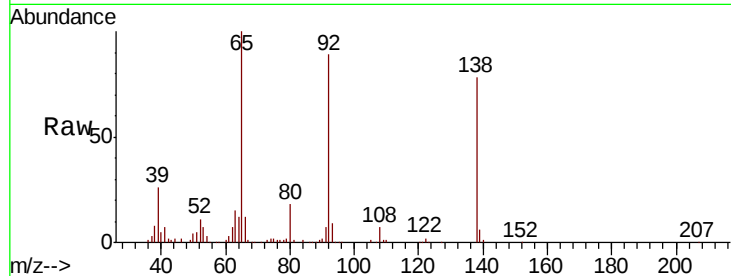




#53
3-Nitroaniline
Concen: 17.850 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

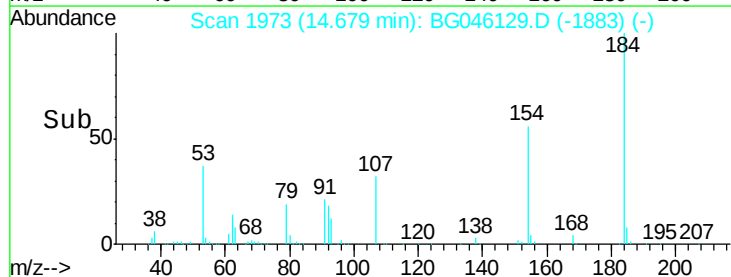
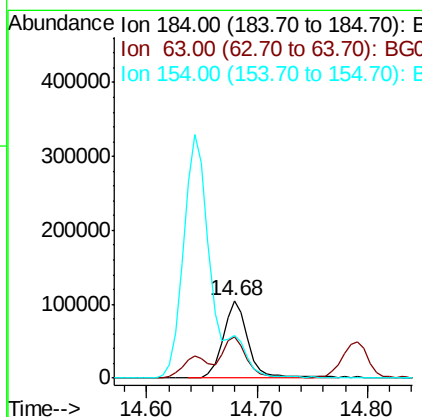
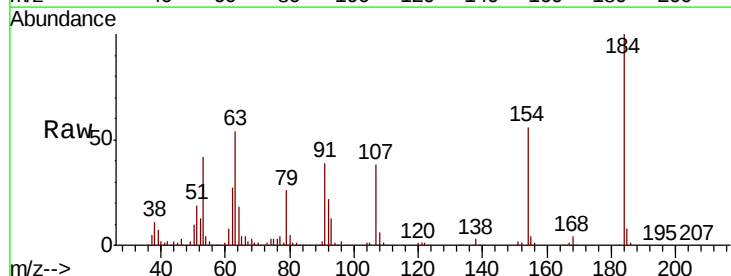
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

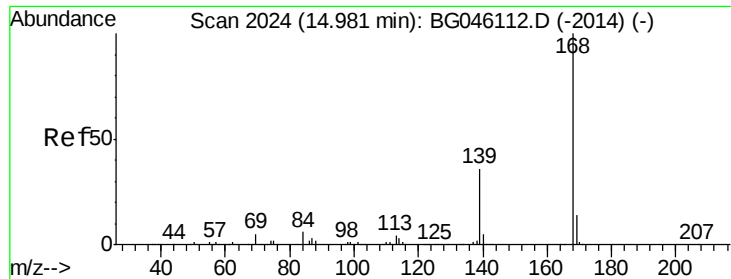
Tot Ion:138 Resp: 73679
Ion Ratio Lower Upper
138 100
108 8.5 7.2 10.8
92 113.1 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 64.463 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:184 Resp: 166073
Ion Ratio Lower Upper
184 100
63 53.7 36.7 55.1
154 55.5 41.3 61.9

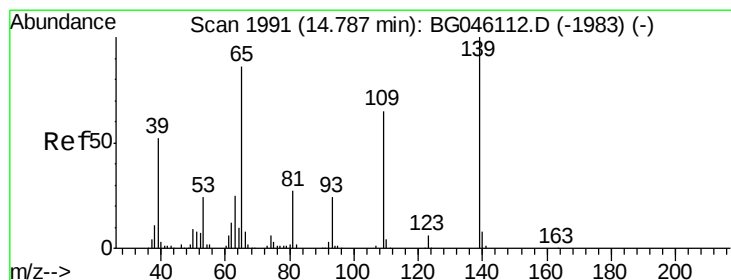
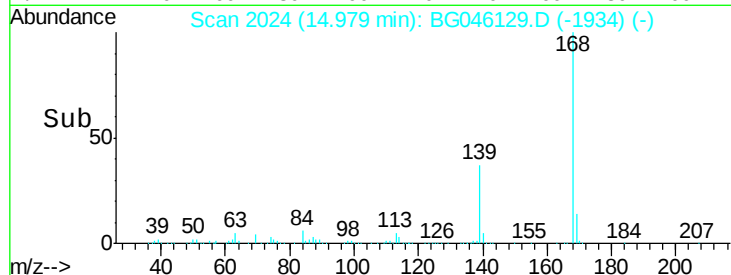
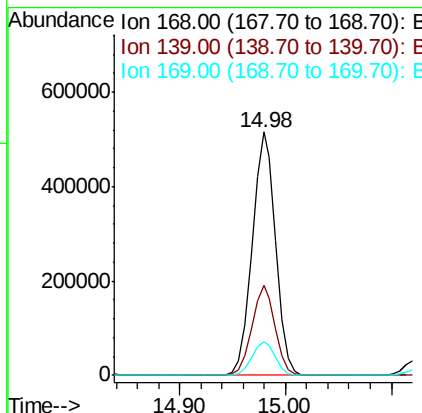
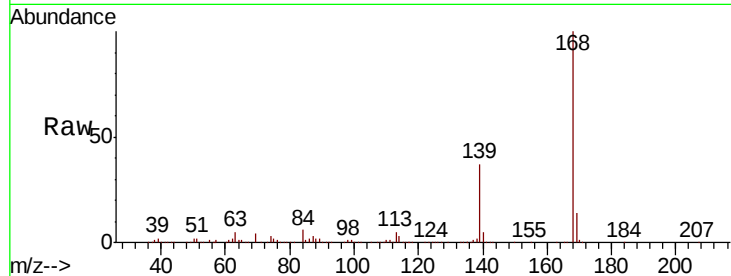




#55
Dibenzenofuran
Concen: 35.158 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

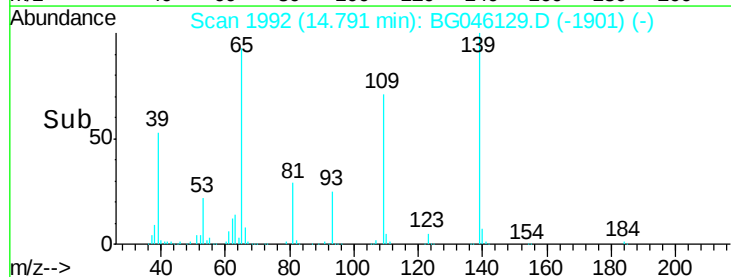
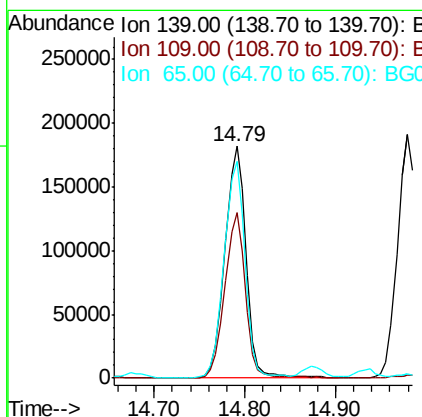
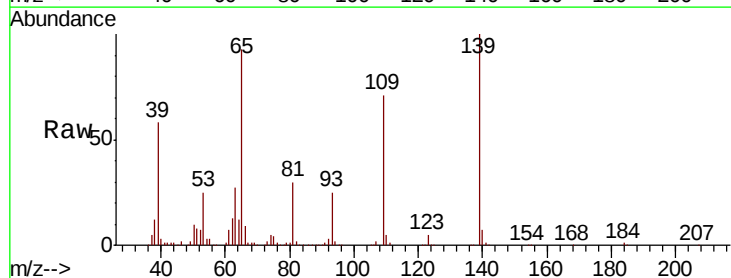
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

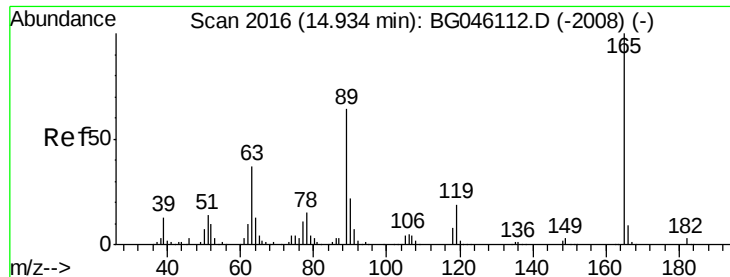
Tot Ion:168 Resp: 792991
Ion Ratio Lower Upper
168 100
139 37.1 29.0 43.4
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 82.429 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:139 Resp: 295396
Ion Ratio Lower Upper
139 100
109 71.2 45.1 85.1
65 93.5 66.4 106.4

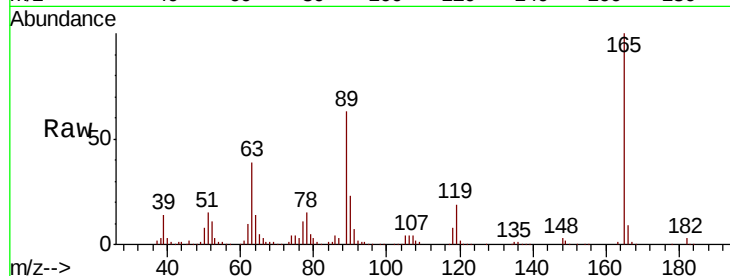




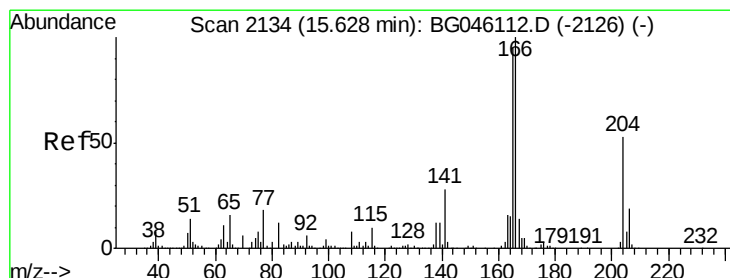
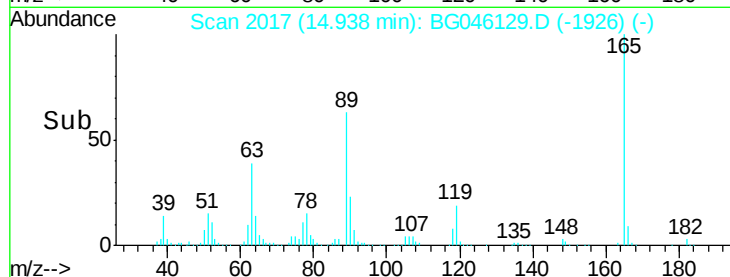
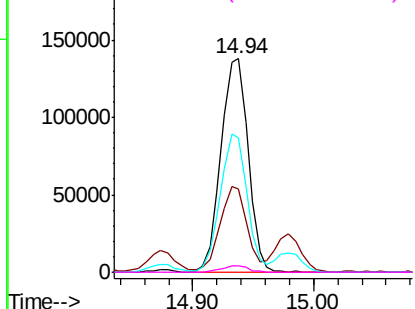
#57
2,4-Dinitrotoluene
Concen: 37.595 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion:165 Resp: 215213
Ion Ratio Lower Upper
165 100
63 38.7 30.1 45.1
89 62.7 51.4 77.2
182 2.7 2.3 3.5

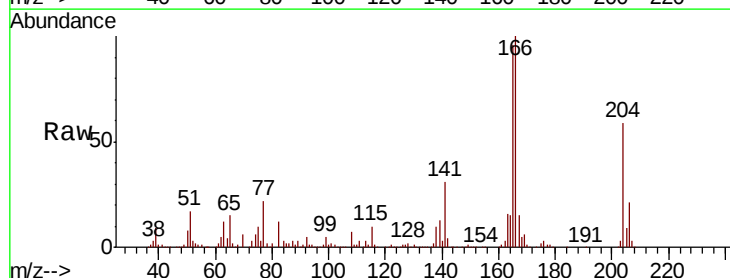


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

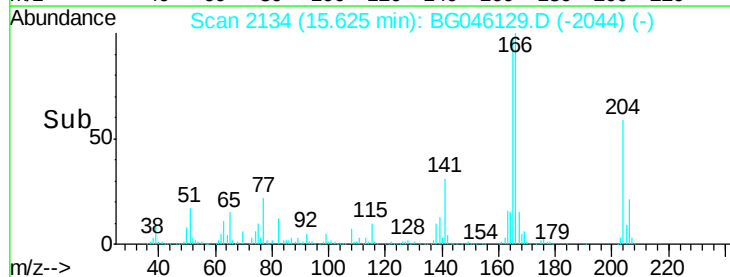
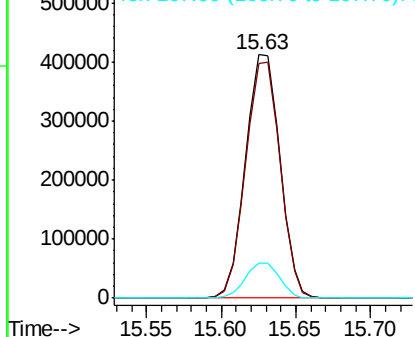


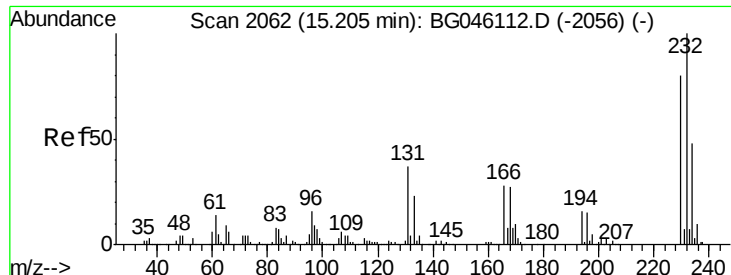
#58
Fluorene
Concen: 36.005 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:166 Resp: 657664
Ion Ratio Lower Upper
166 100
165 96.4 76.3 114.5
167 14.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

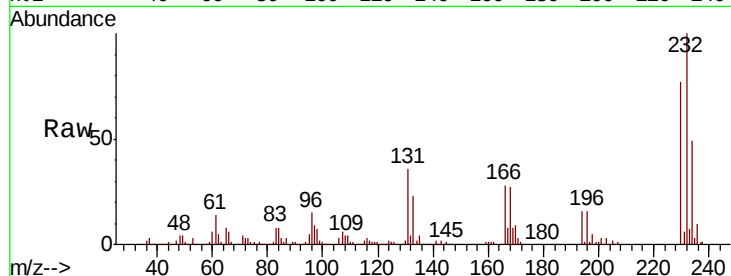




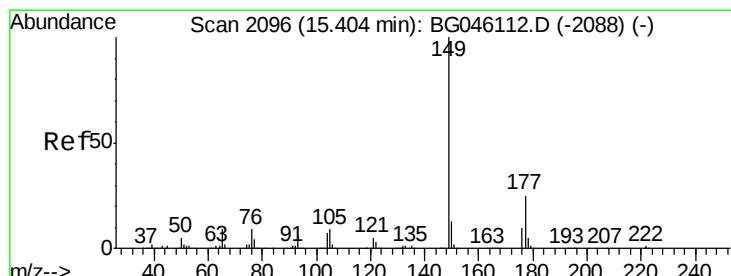
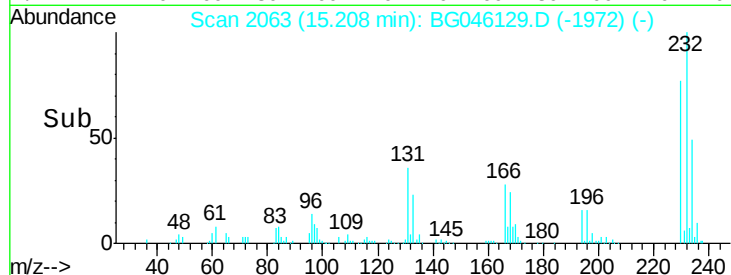
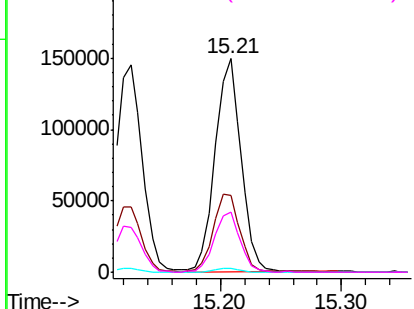
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.074 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion:232 Resp: 220672
Ion Ratio Lower Upper
232 100
131 37.5 28.6 42.8
130 1.9 1.6 2.4
166 28.5 22.5 33.7

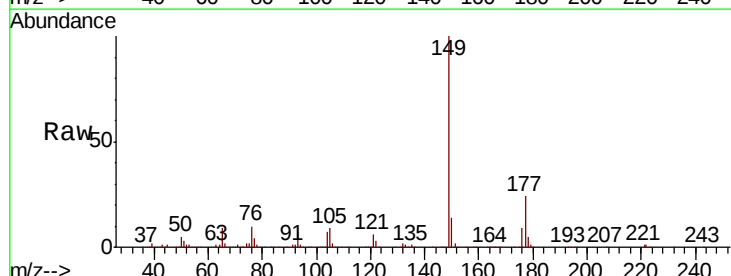


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

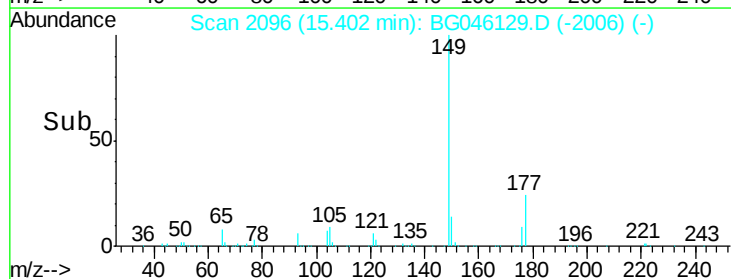
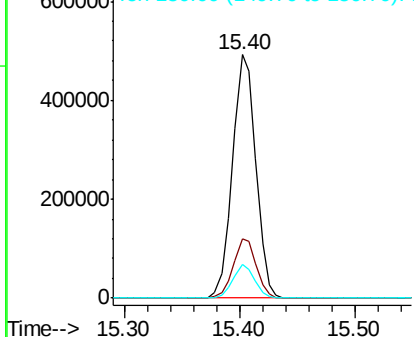


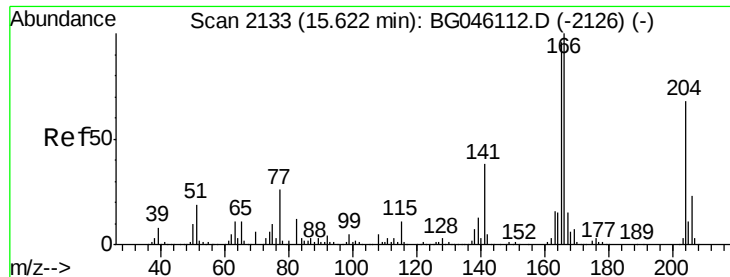
#60
Diethylphthalate
Concen: 38.956 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:149 Resp: 685576
Ion Ratio Lower Upper
149 100
177 24.5 19.7 29.5
150 13.6 10.8 16.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

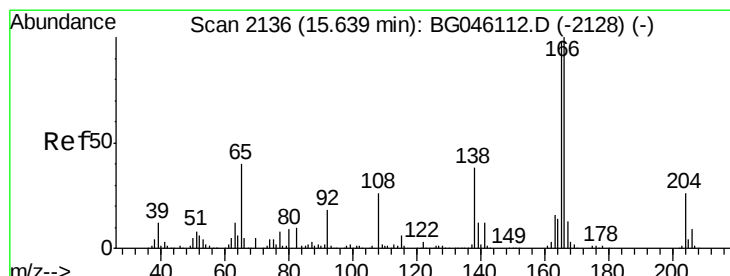
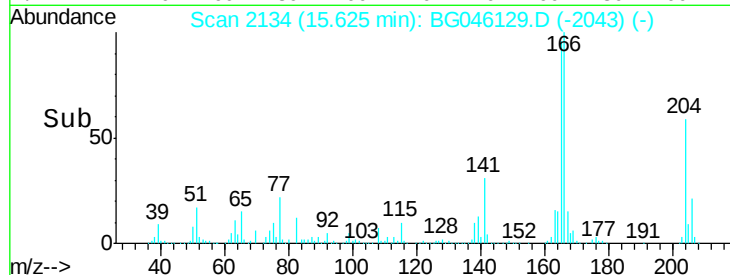
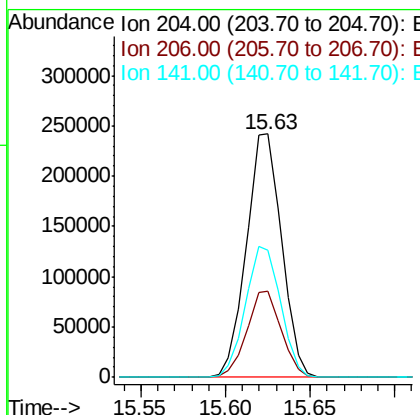
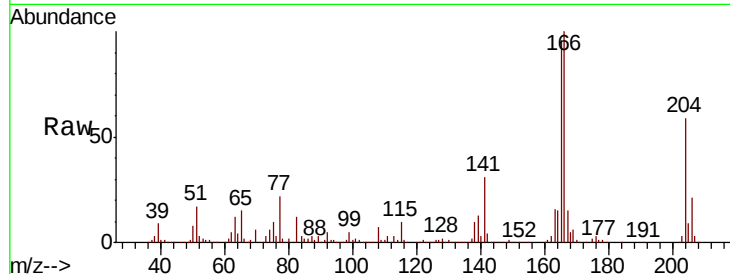




#61
 4-Chlorophenyl-phenylether
 Concen: 36.849 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

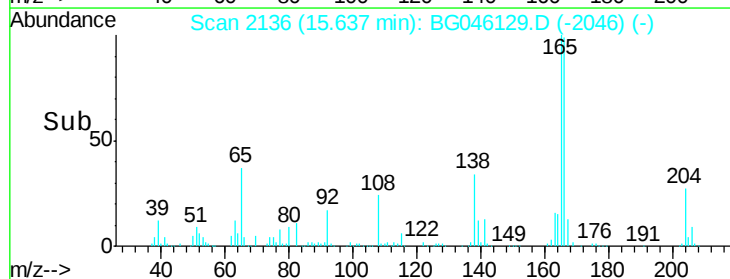
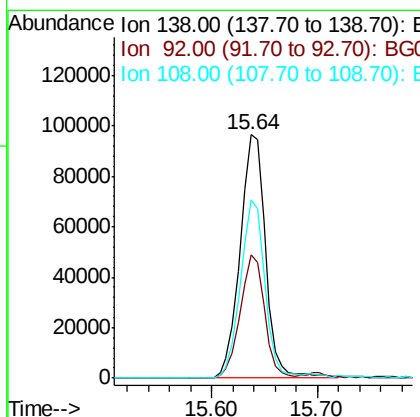
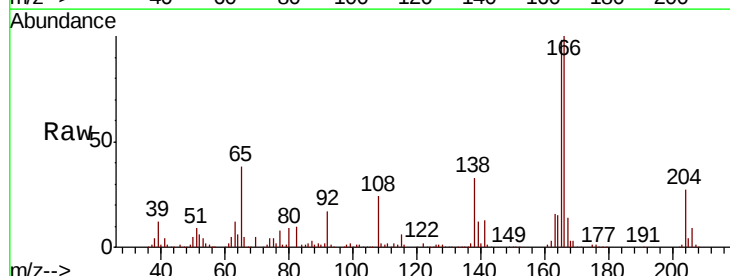
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DMS

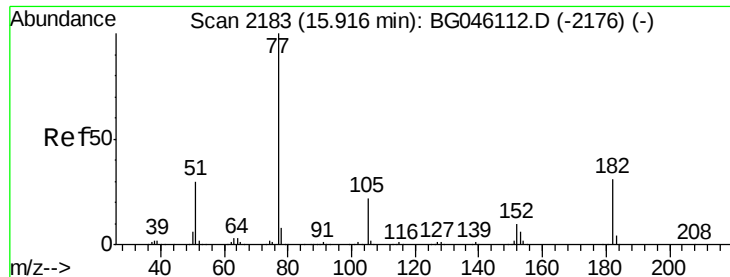
Tot Ion:204 Resp: 351536
 Ion Ratio Lower Upper
 204 100
 206 35.5 27.7 41.5
 141 52.2 44.7 67.1



#62
 4-Nitroaniline
 Concen: 38.798 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046129.D
 Acq: 31 Jul 2020 17:27

Tgt Ion:138 Resp: 161063
 Ion Ratio Lower Upper
 138 100
 92 50.7 28.3 68.3
 108 73.2 49.2 89.2

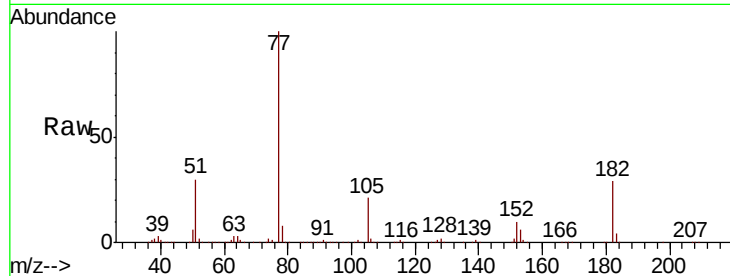




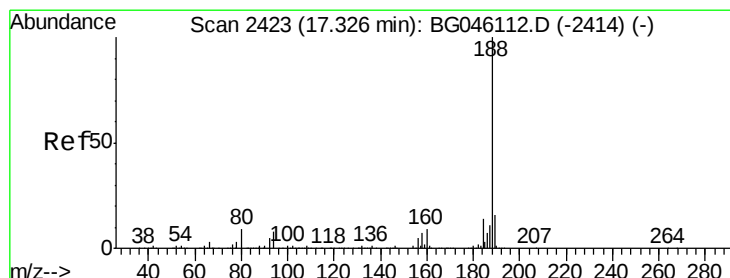
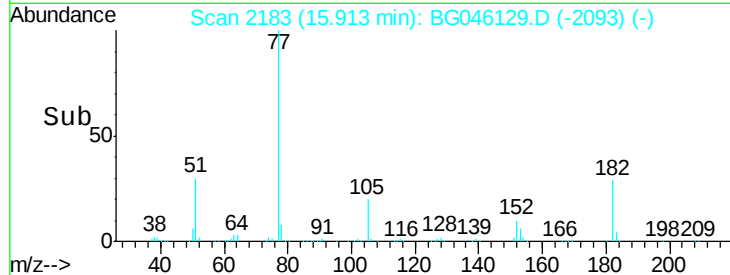
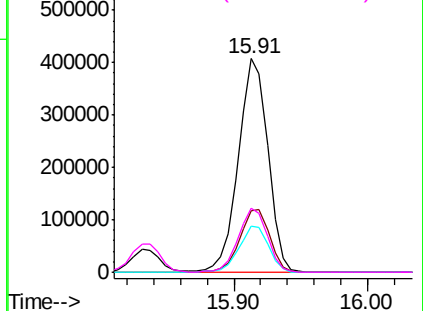
#63
Azobenzene
Concen: 37.761 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	10.7	50.7
105	21.4	1.9	41.9
51	29.8	9.5	49.5

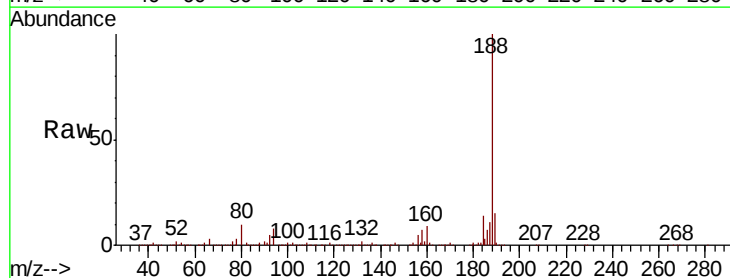


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

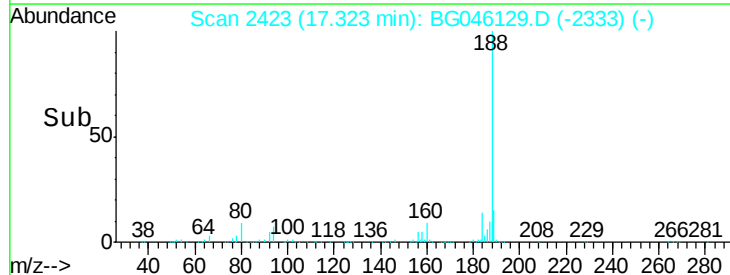
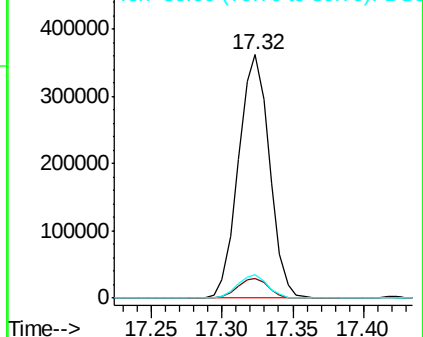


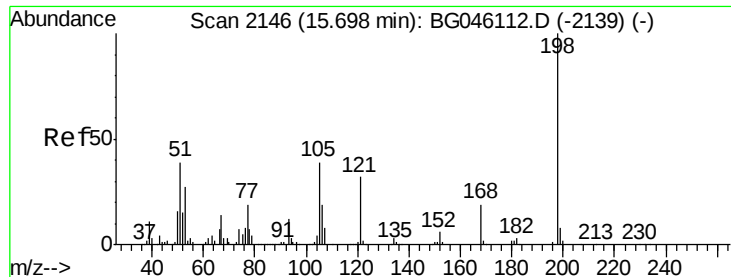
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.4	9.6
80	9.7	7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.849 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

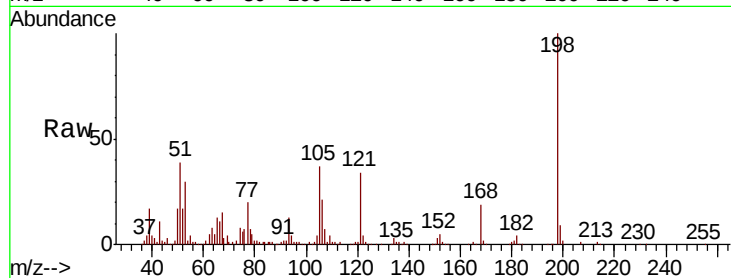
BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:198 Resp: 138814

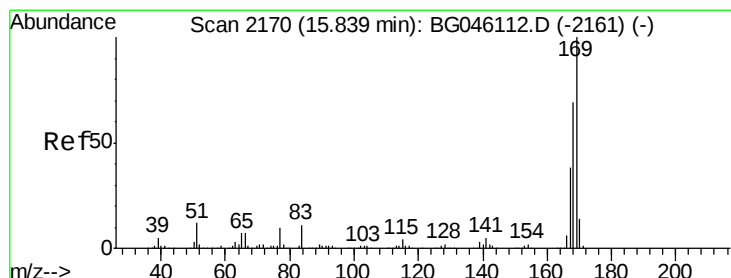
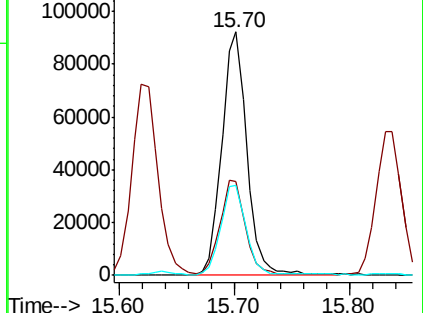
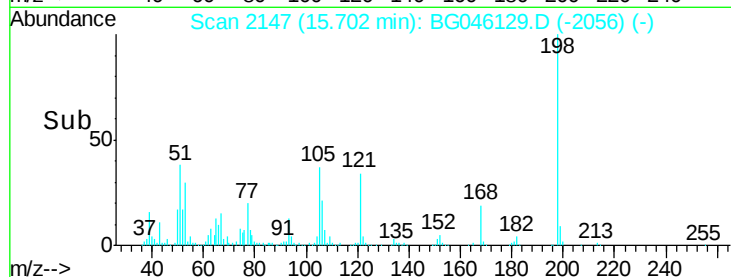
Ion	Ratio	Lower	Upper
198	100		
51	38.8	20.1	60.1
105	36.9	19.2	59.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.979 ng

RT: 15.84 min Scan# 2170

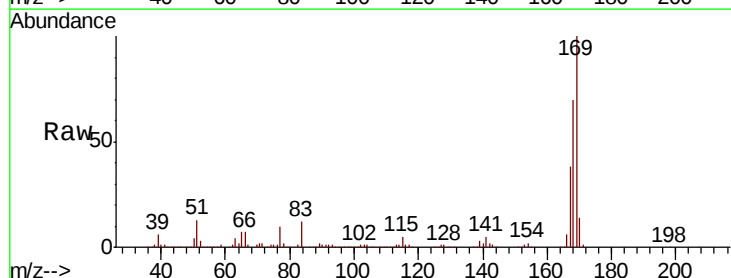
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:169 Resp: 603972

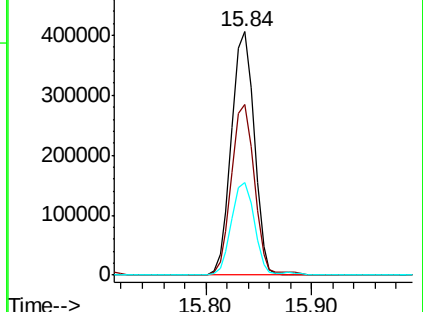
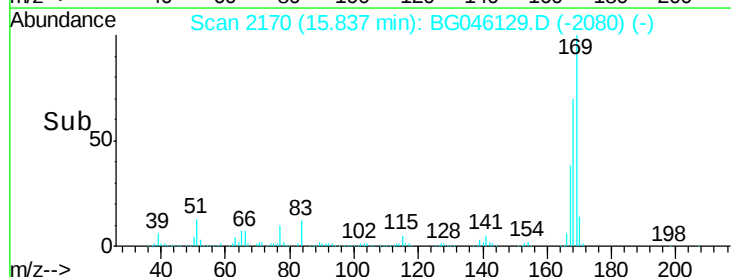
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.1	82.7
167	38.0	30.5	45.7

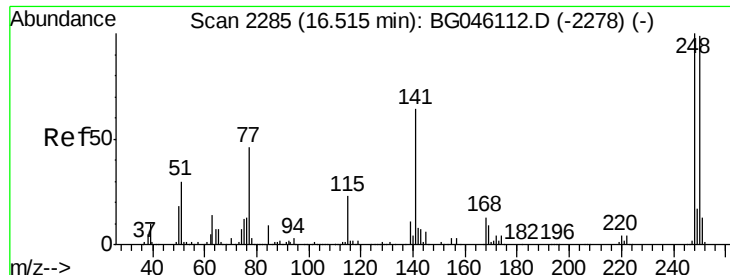


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

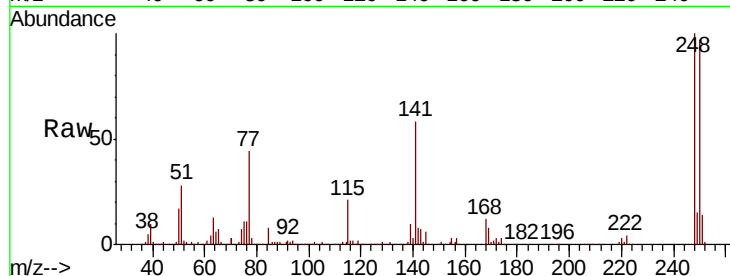




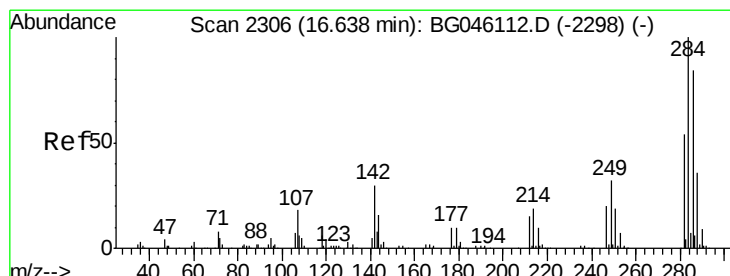
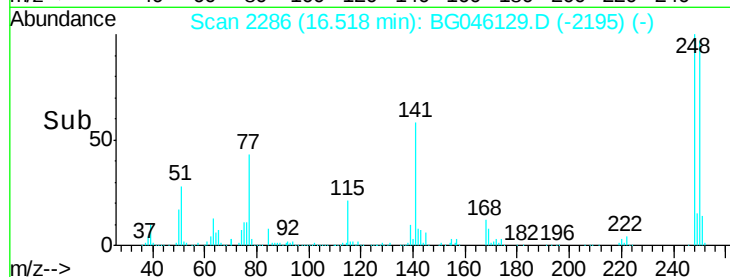
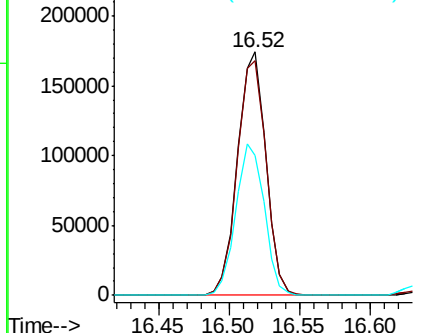
#67
4-Bromophenyl-phenylether
Concen: 35.712 ng
RT: 16.52 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Tot Ion:248 Resp: 244670
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 57.7 50.9 76.3

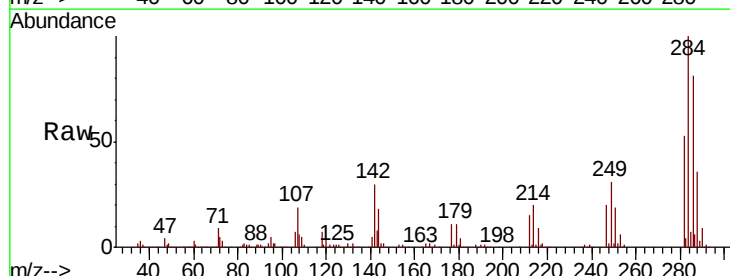


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

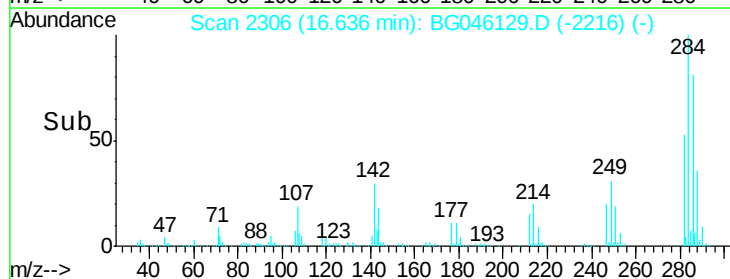
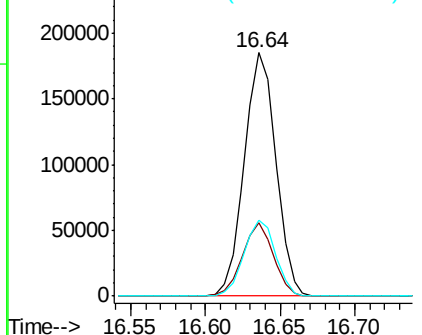


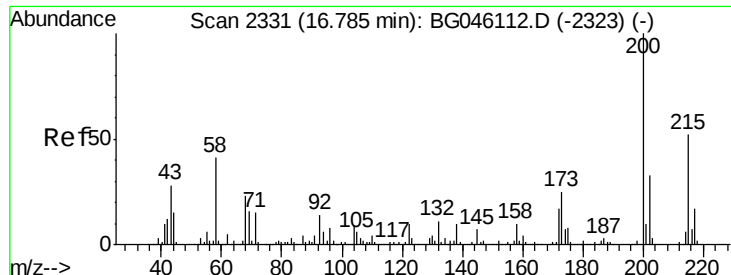
#68
Hexachlorobenzene
Concen: 35.251 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:284 Resp: 270812
Ion Ratio Lower Upper
284 100
142 30.1 23.6 35.4
249 31.0 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.517 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

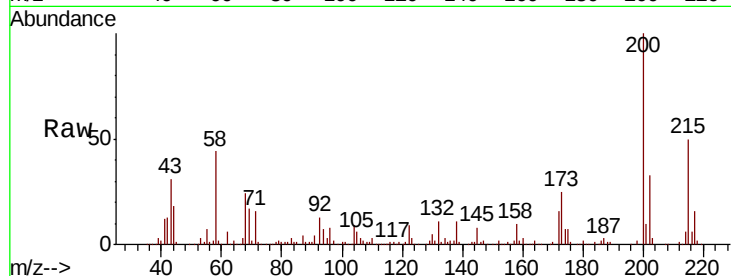
Tot Ion:200 Resp: 229585

Ion Ratio Lower Upper

200 100

173 25.0 5.3 45.3

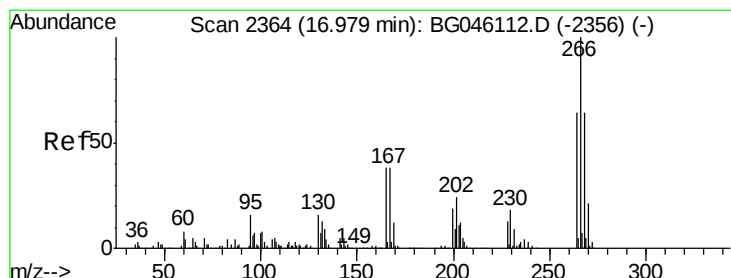
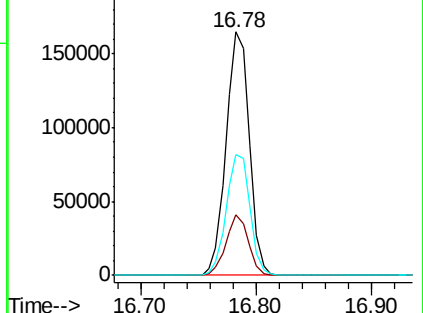
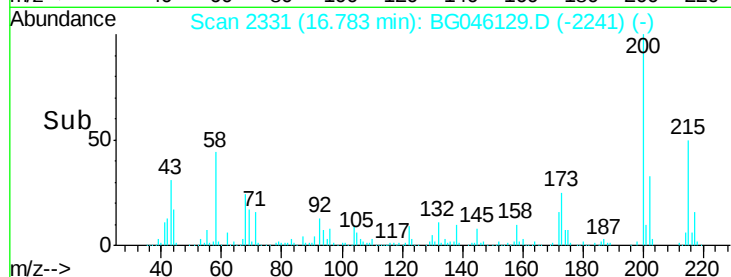
215 49.7 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.758 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

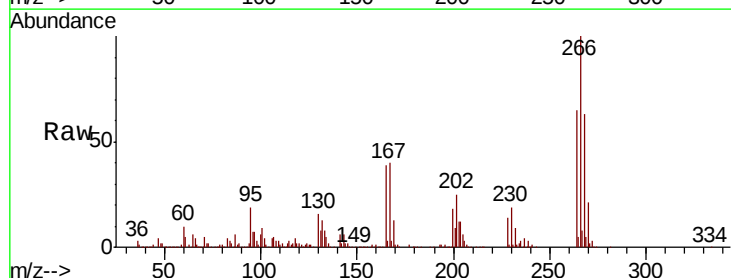
Tgt Ion:266 Resp: 387594

Ion Ratio Lower Upper

266 100

268 63.5 51.2 76.8

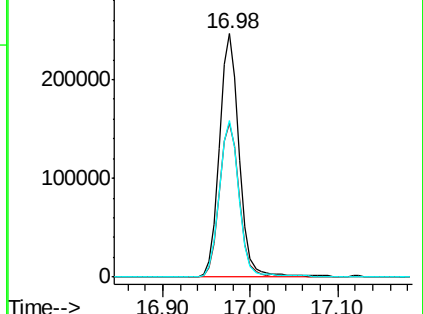
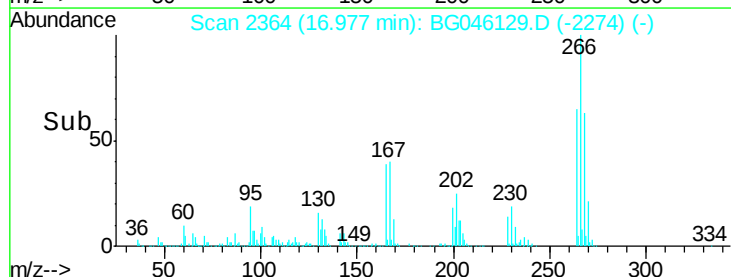
264 64.5 51.1 76.7

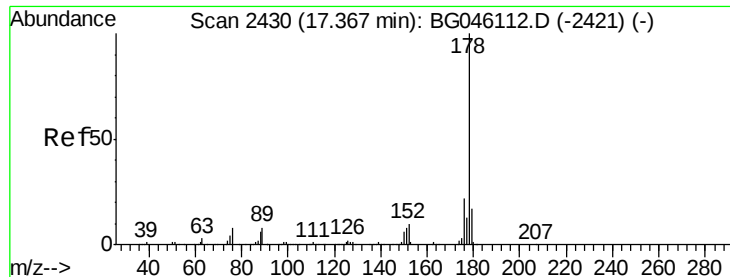


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

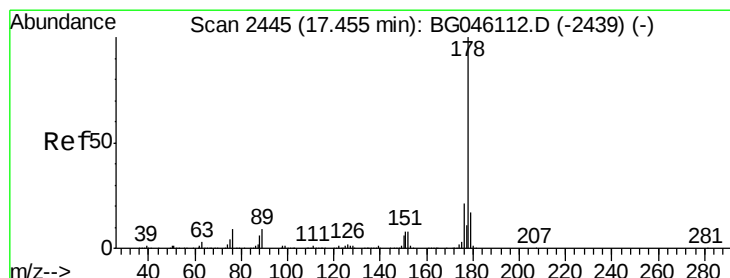
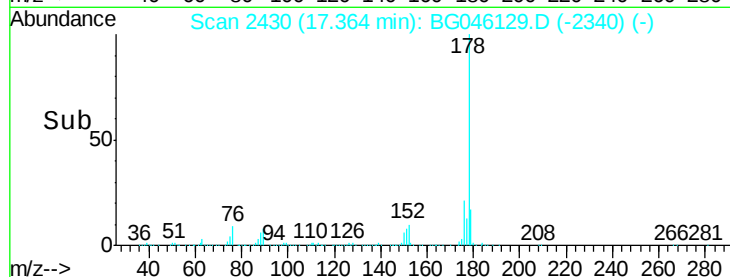
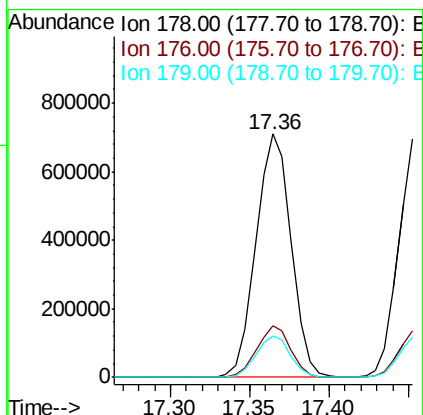
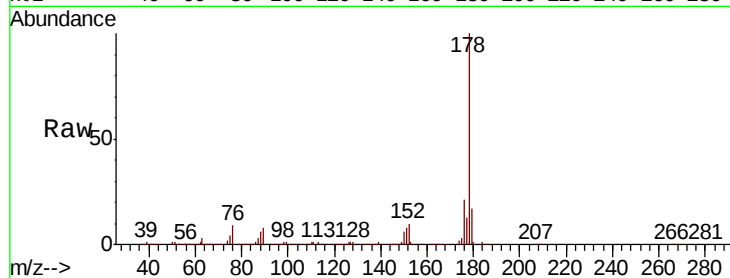




#71
Phenanthrene
Concen: 35.952 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

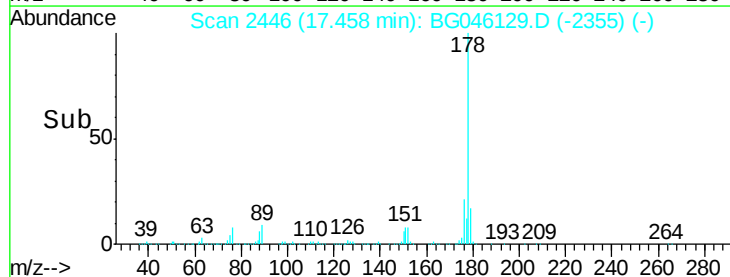
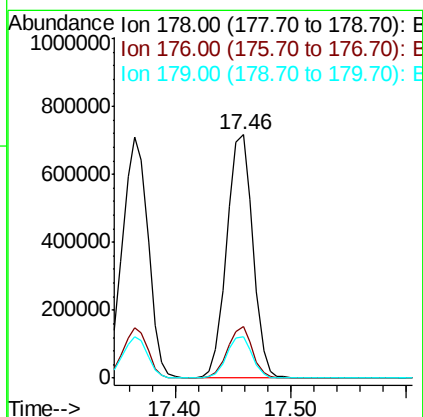
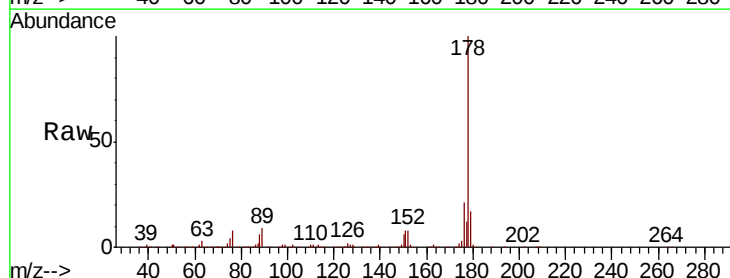
Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

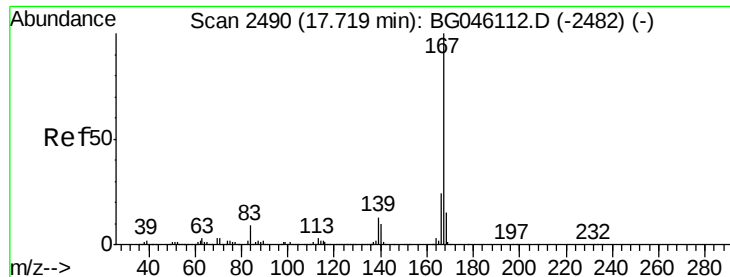
Tot Ion:178 Resp: 1092133
Ion Ratio Lower Upper
178 100
176 21.0 17.3 25.9
179 17.0 13.8 20.6



#72
Anthracene
Concen: 37.059 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG046129.D
Acq: 31 Jul 2020 17:27

Tgt Ion:178 Resp: 1119793
Ion Ratio Lower Upper
178 100
176 21.3 16.6 24.8
179 17.3 13.4 20.2





#73

Carbazole

Concen: 36.668 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

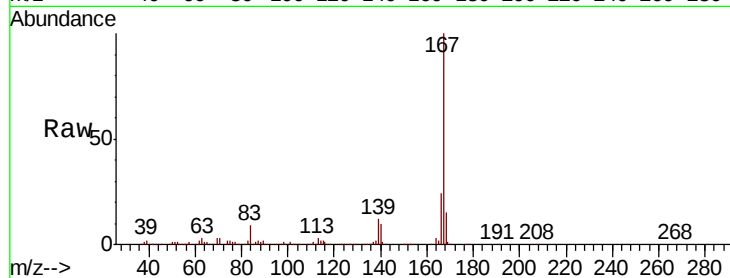
Tot Ion:167 Resp: 1068363

Ion Ratio Lower Upper

167 100

166 24.4 19.4 29.0

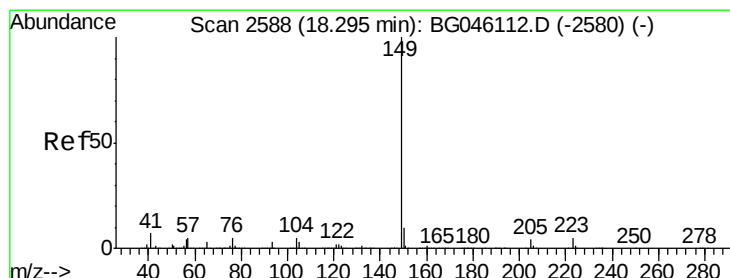
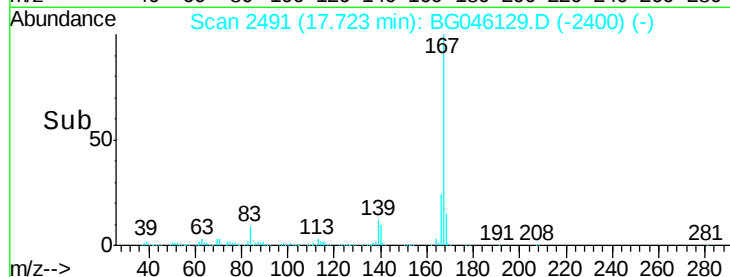
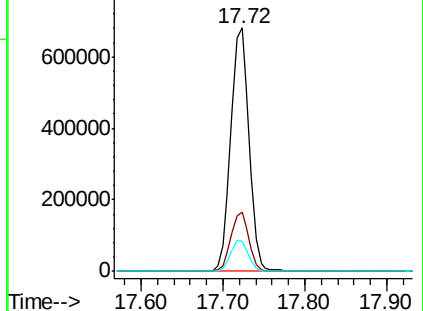
139 12.5 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.857 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

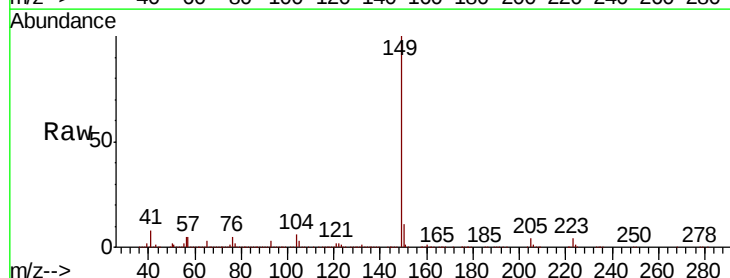
Tgt Ion:149 Resp: 1244335

Ion Ratio Lower Upper

149 100

150 10.6 8.4 12.6

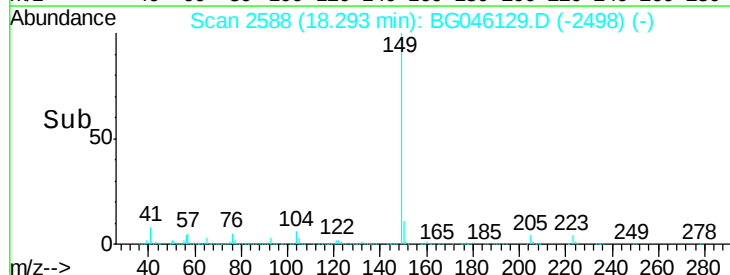
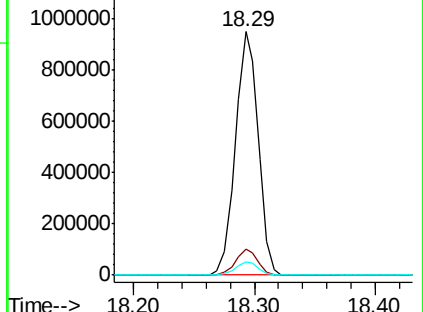
104 5.6 4.2 6.2

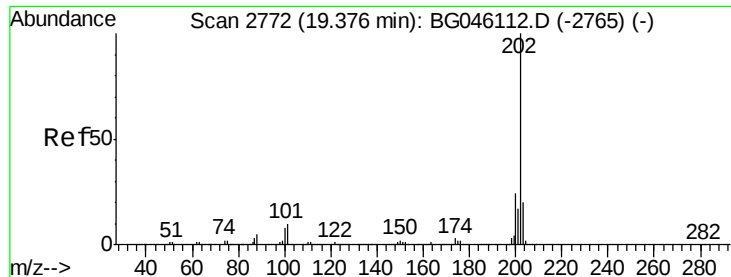


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.108 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

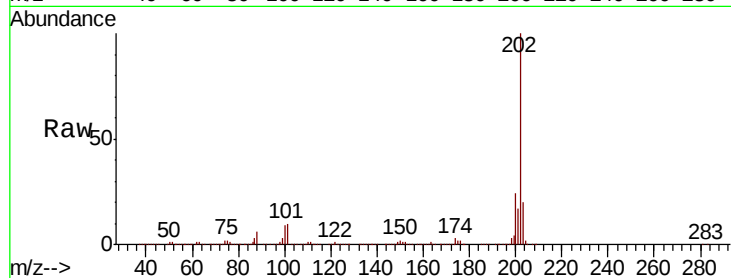
Tot Ion:202 Resp: 1407334

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

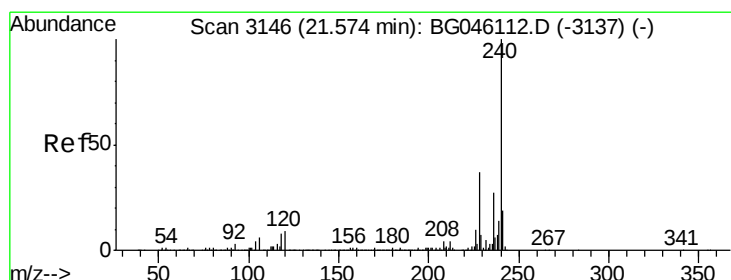
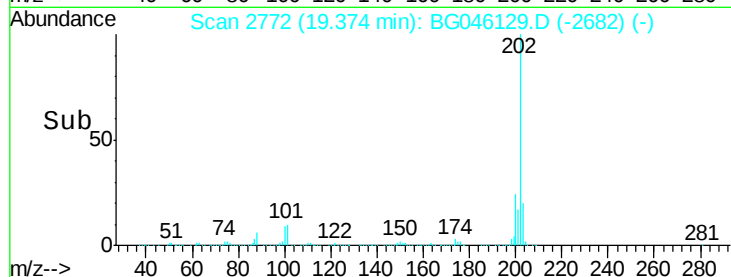
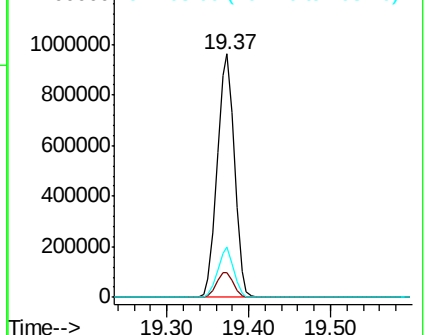
203 20.5 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

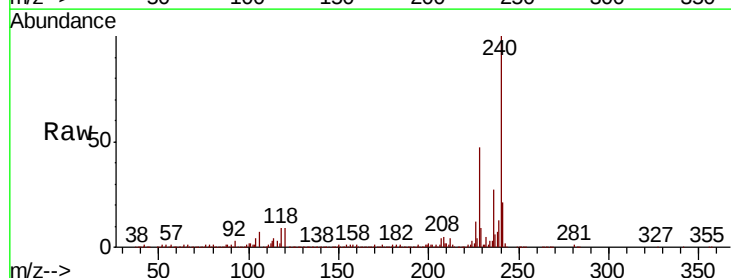
Tgt Ion:240 Resp: 601400

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

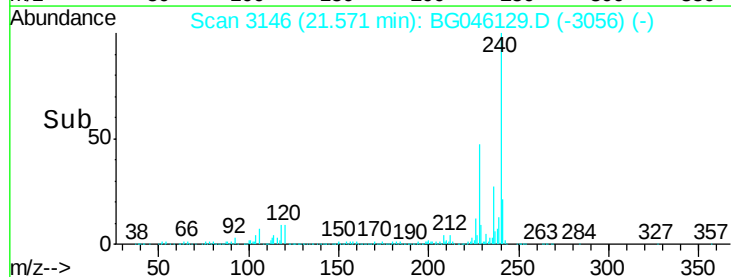
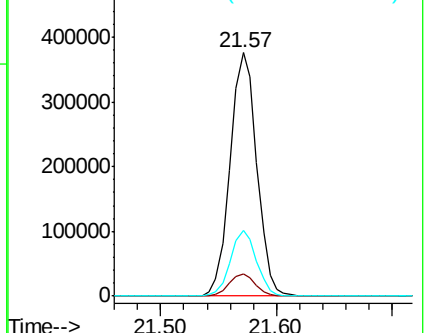
236 27.2 21.7 32.5

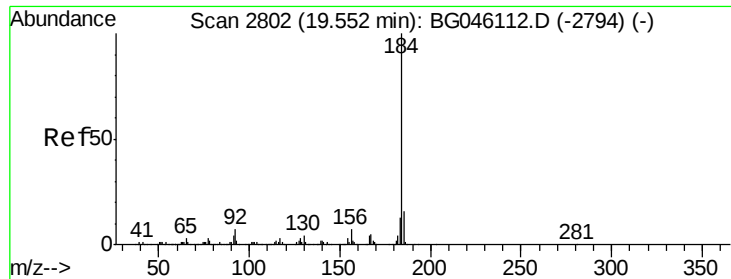


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.517 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

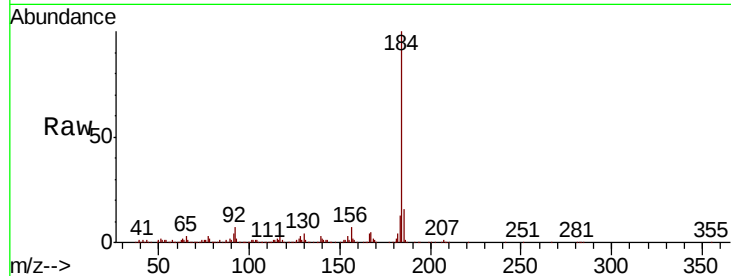
Tot Ion:184 Resp: 519854

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.4

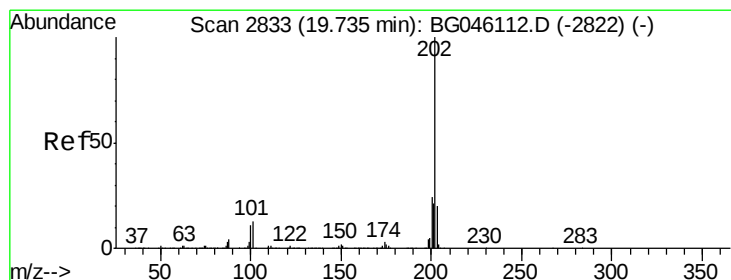
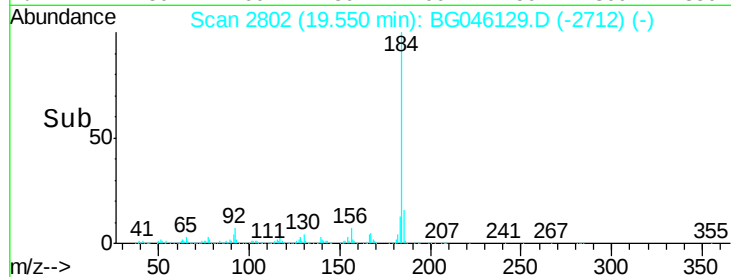
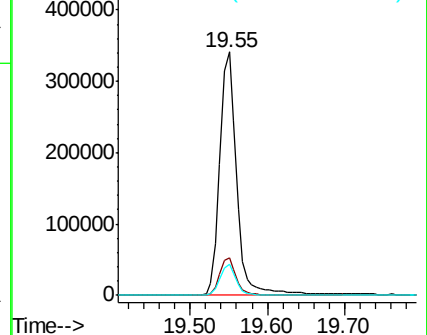
183 12.6 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.296 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

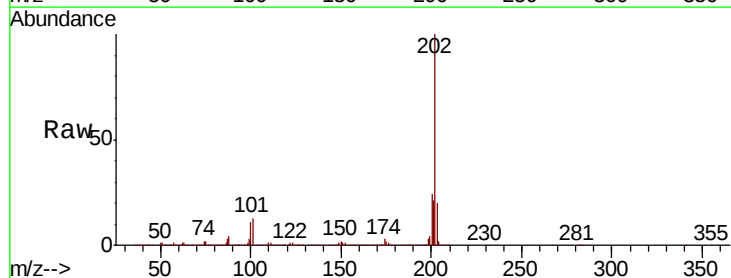
Tgt Ion:202 Resp: 1426247

Ion Ratio Lower Upper

202 100

200 24.1 19.5 29.3

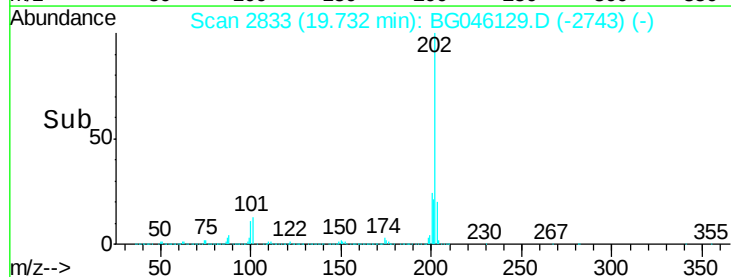
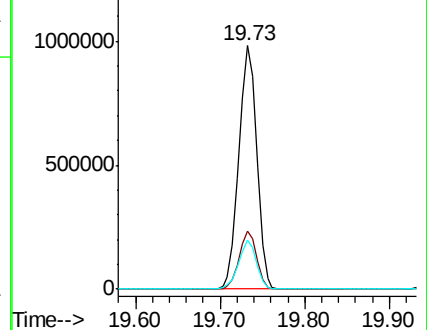
203 20.0 16.2 24.2

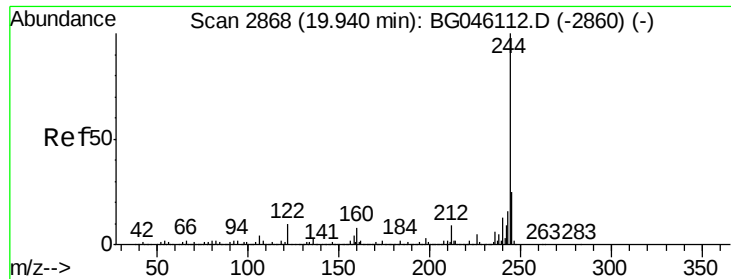


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.552 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

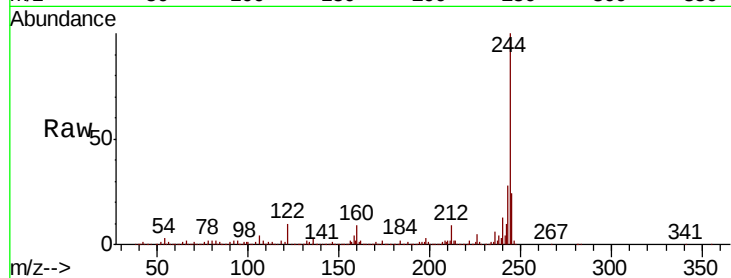
Tot Ion:244 Resp: 1728982

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

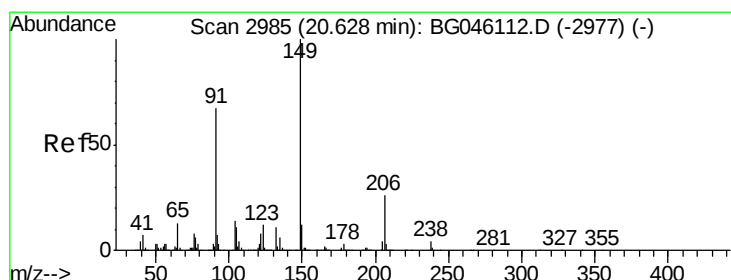
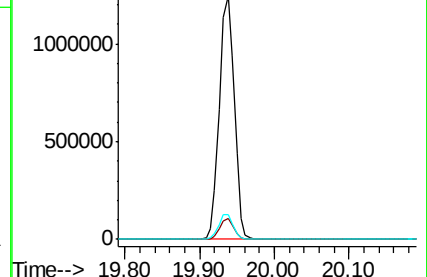
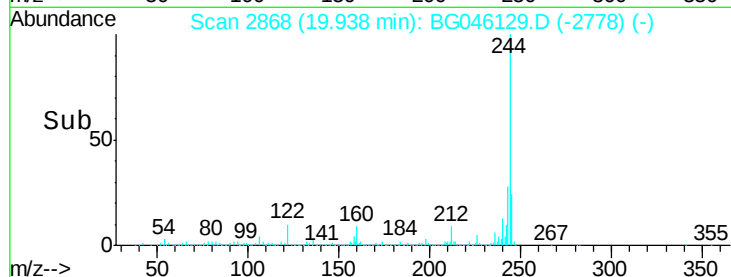
122 10.4 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.147 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

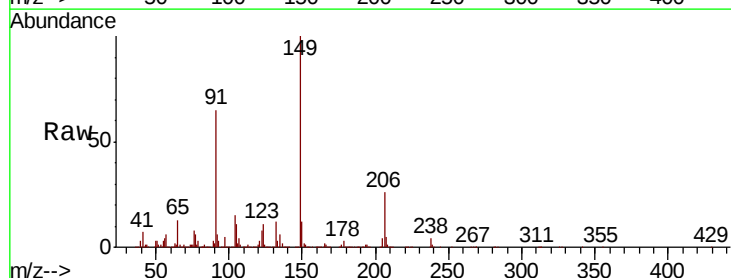
Tgt Ion:149 Resp: 602300

Ion Ratio Lower Upper

149 100

91 65.5 53.8 80.8

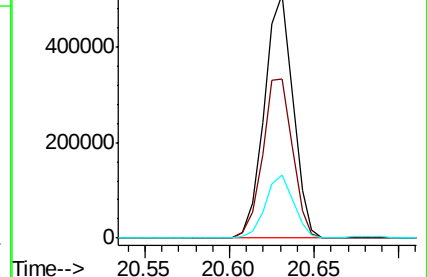
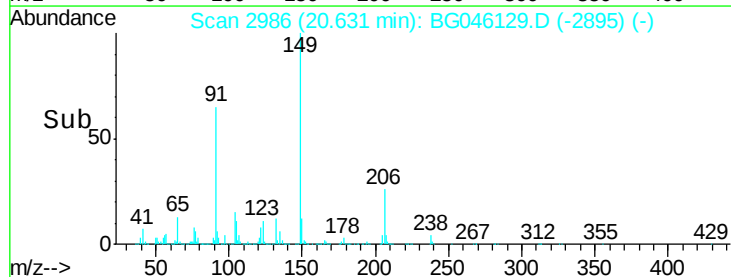
206 25.9 20.4 30.6

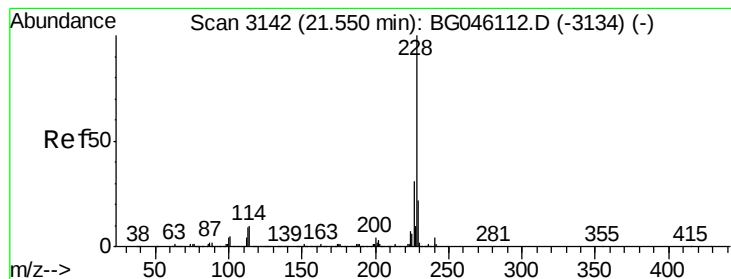


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.231 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

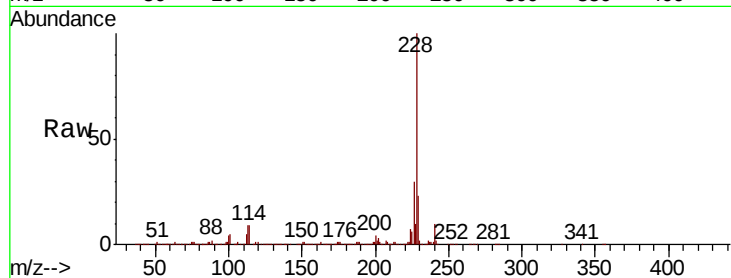
Tot Ion:228 Resp: 1458169

Ion Ratio Lower Upper

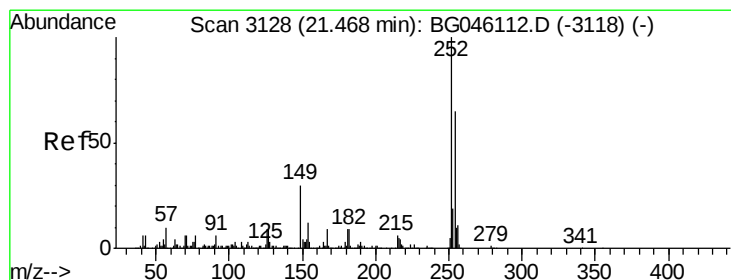
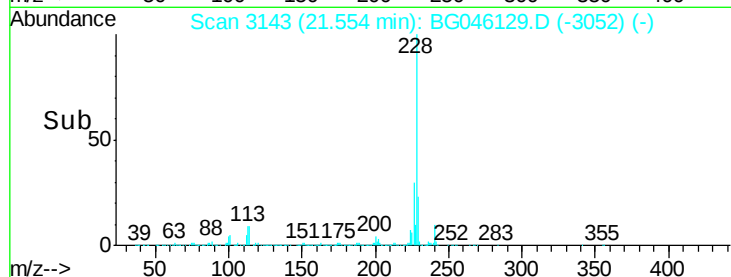
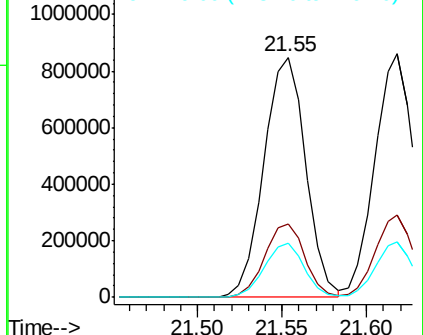
228 100

226 30.3 24.7 37.1

229 22.8 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.466 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

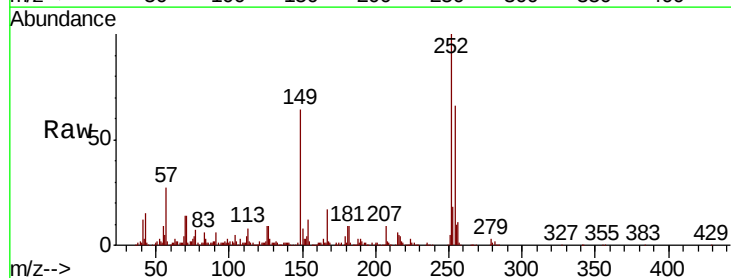
Tgt Ion:252 Resp: 275193

Ion Ratio Lower Upper

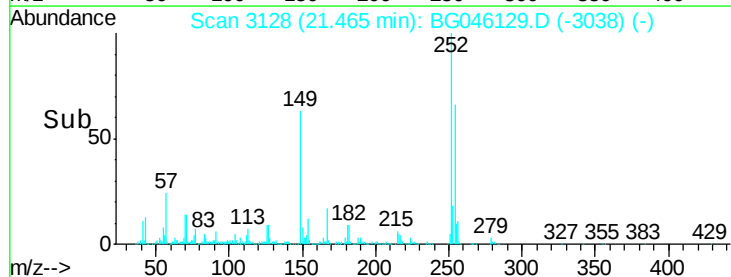
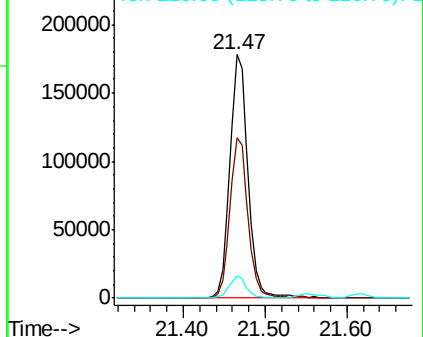
252 100

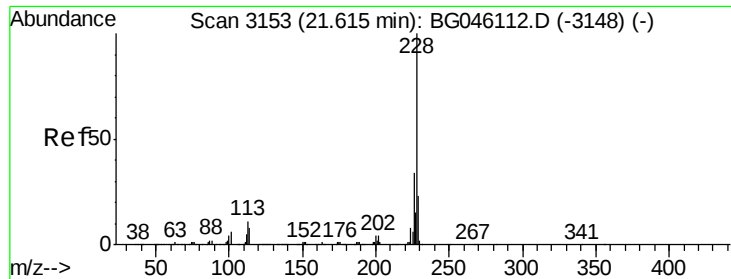
254 65.6 51.8 77.8

126 9.1 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.465 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

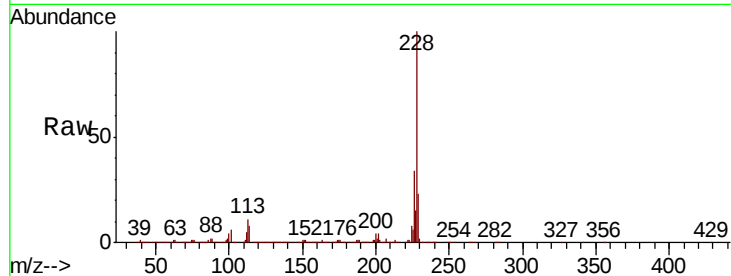
Tot Ion:228 Resp: 1398212

Ion Ratio Lower Upper

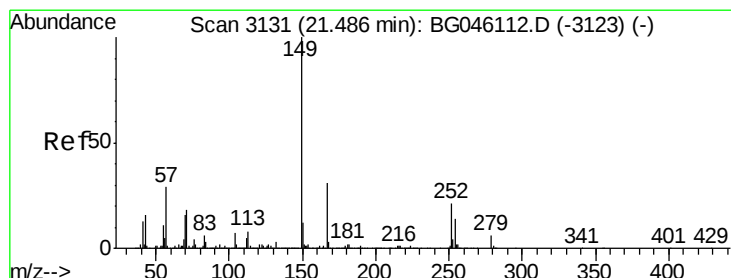
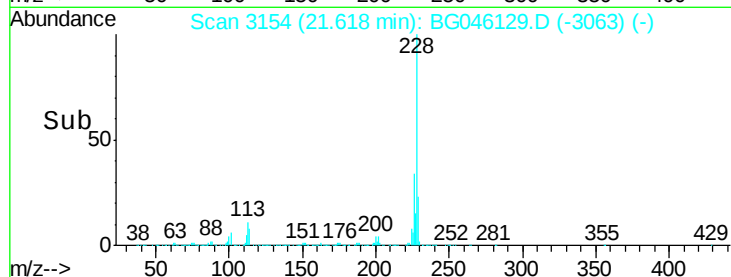
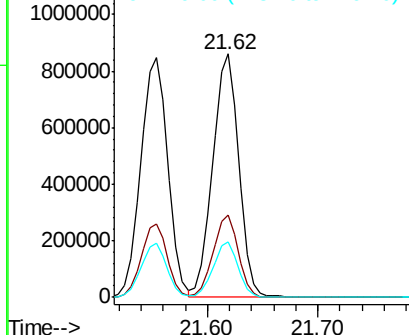
228 100

226 33.8 26.9 40.3

229 22.6 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.217 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

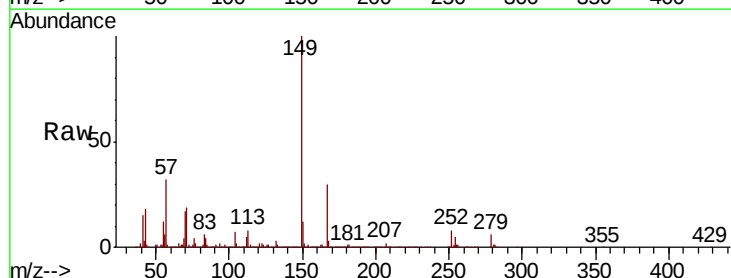
Tgt Ion:149 Resp: 862551

Ion Ratio Lower Upper

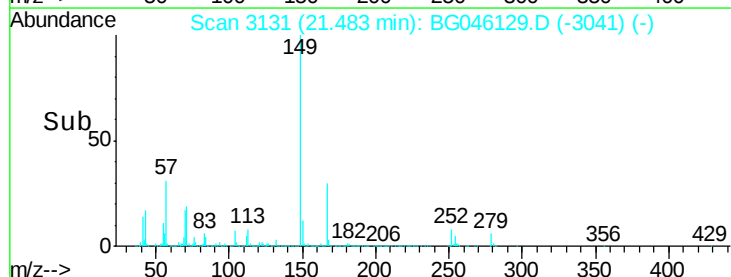
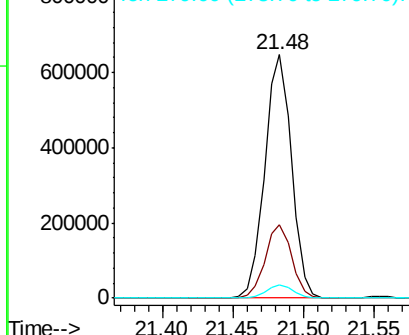
149 100

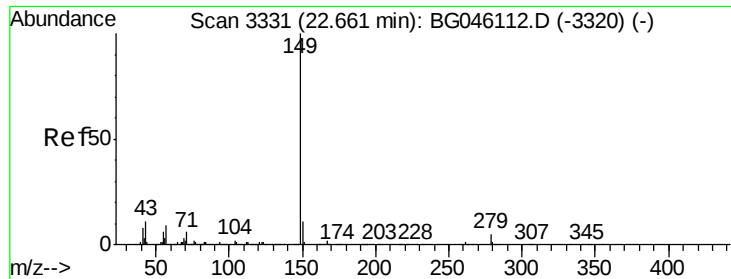
167 30.0 24.8 37.2

279 5.5 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.669 ng

RT: 22.66 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampled :

TP-1-DMS

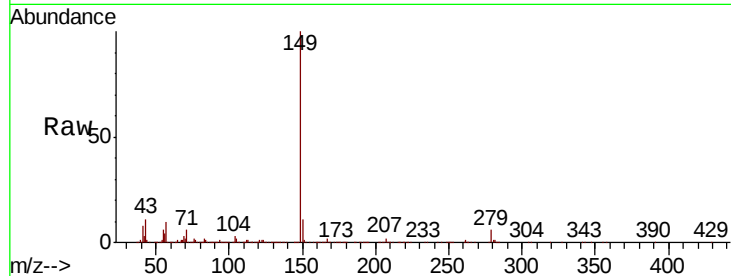
Tot Ion:149 Resp: 1476454

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

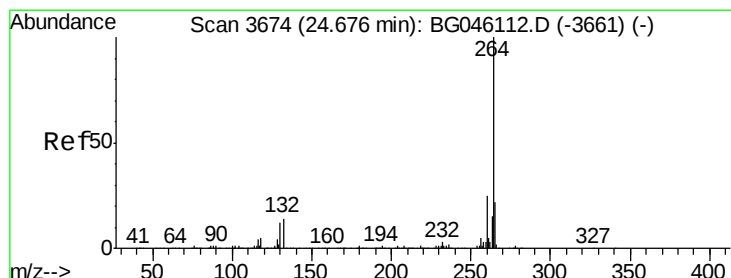
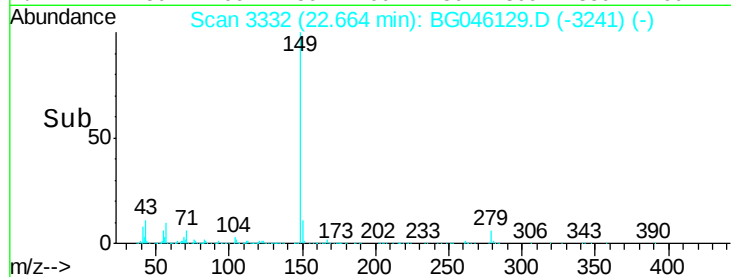
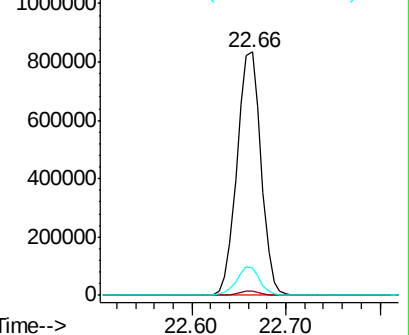
43 11.0 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

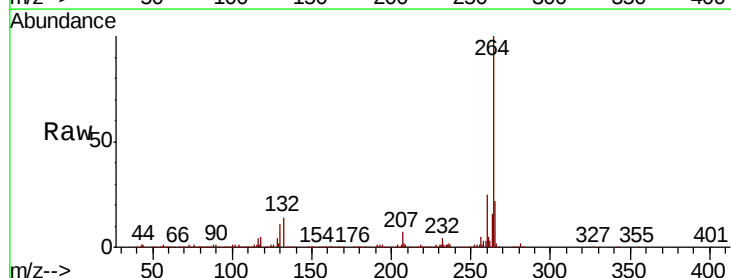
Tgt Ion:264 Resp: 644200

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

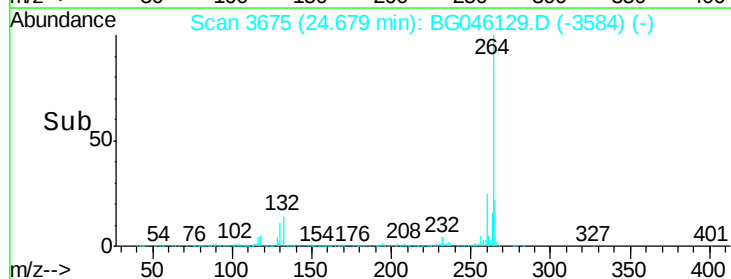
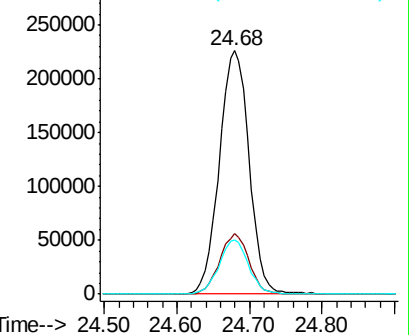
265 22.3 17.6 26.4

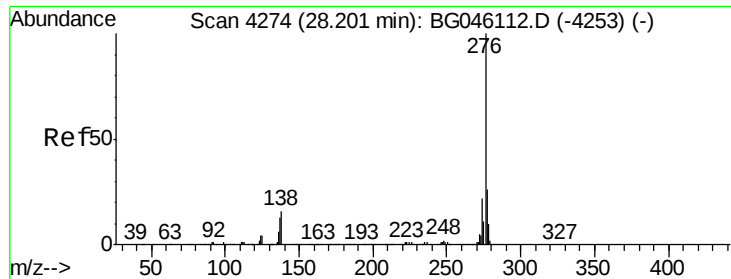


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.608 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

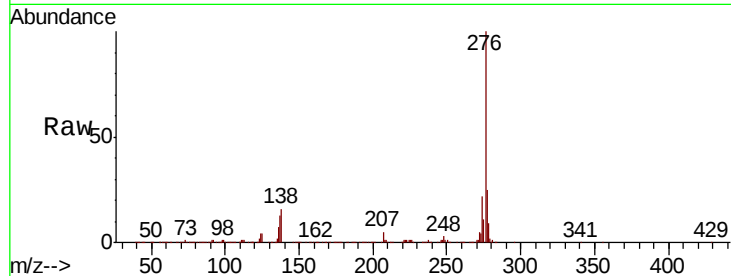
Tot Ion:276 Resp: 1847699

Ion Ratio Lower Upper

276 100

138 15.2 11.6 17.4

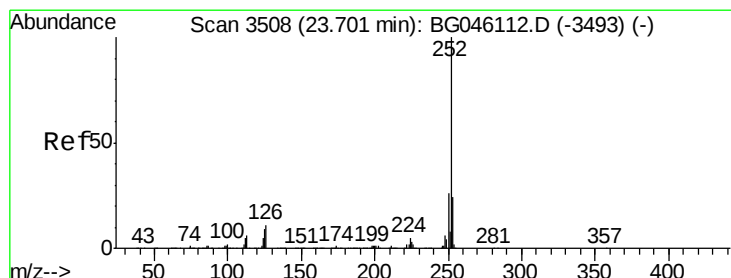
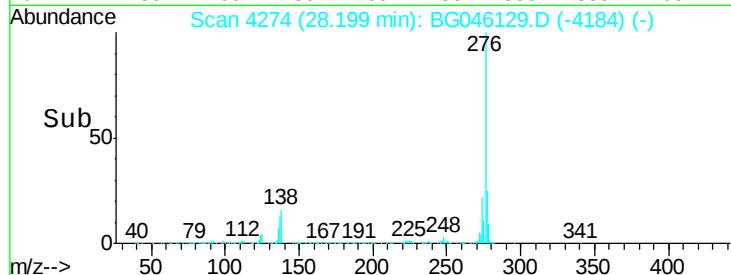
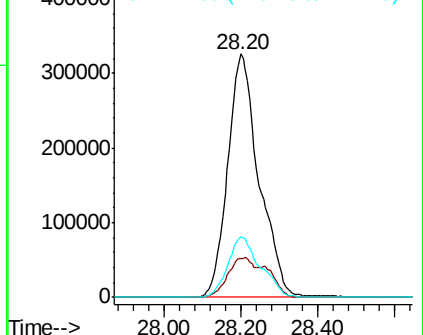
277 25.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 36.614 ng

RT: 23.70 min Scan# 3508

Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

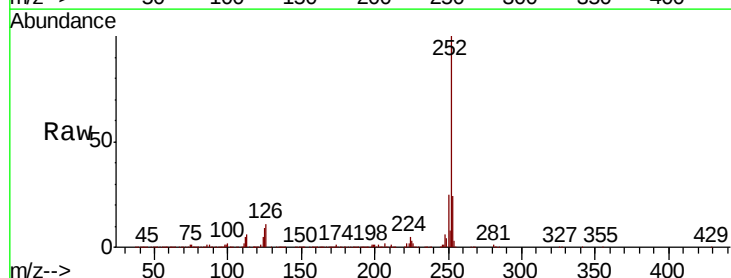
Tgt Ion:252 Resp: 1580602

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

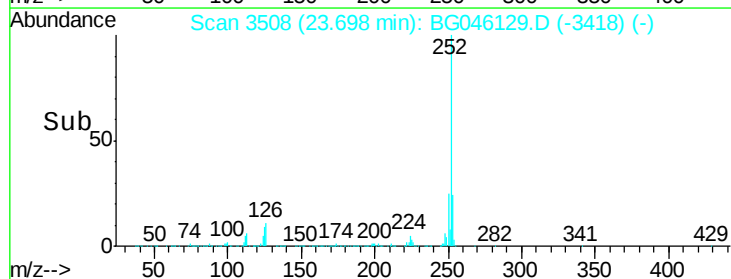
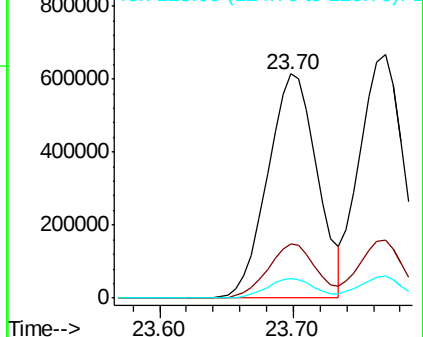
125 8.6 7.2 10.8

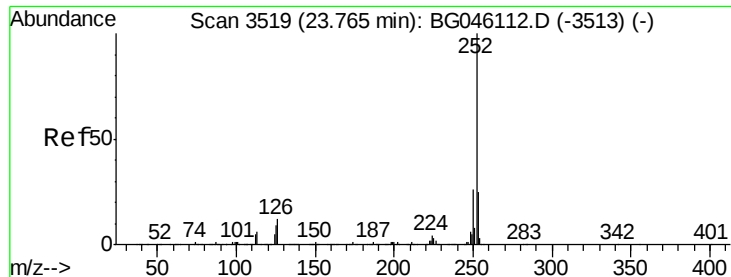


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 35.982 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

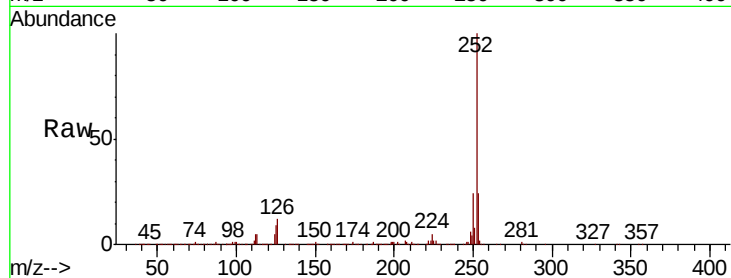
BNA_G

ClientSampleId :

TP-1-DMS

Tot Ion:252 Resp: 1523554

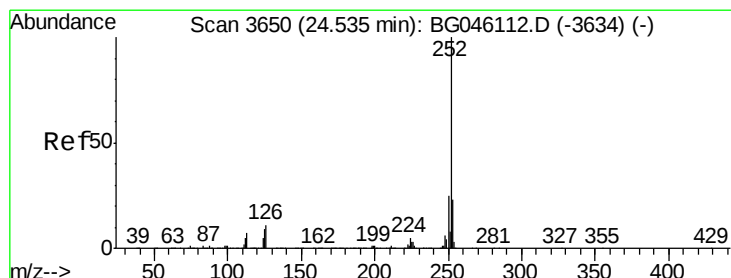
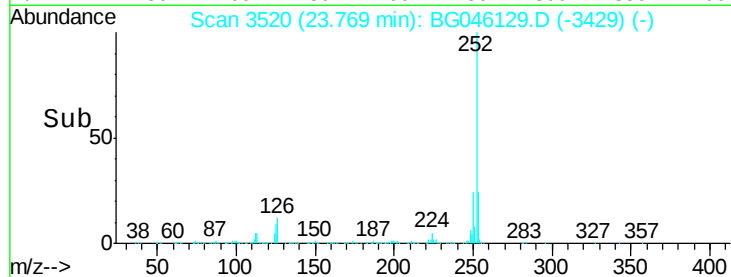
Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	8.9	7.3	10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.256 ng

RT: 24.53 min Scan# 3650

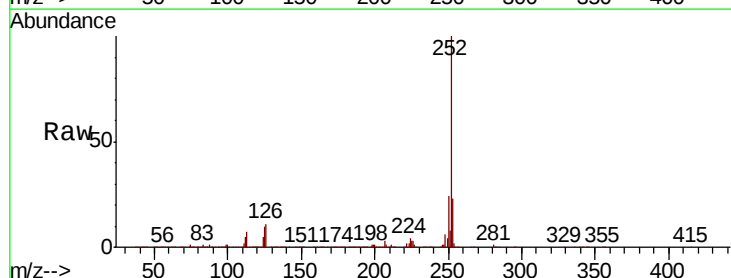
Delta R.T. -0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Tgt Ion:252 Resp: 1456414

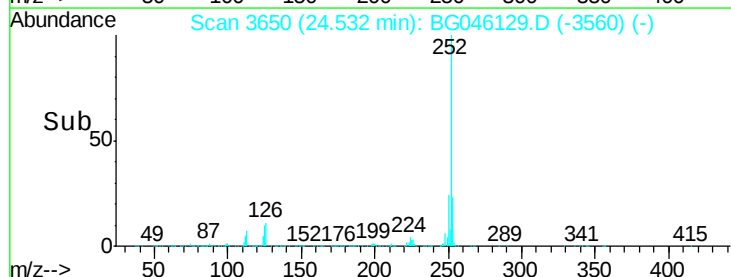
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	9.9	7.1	10.7

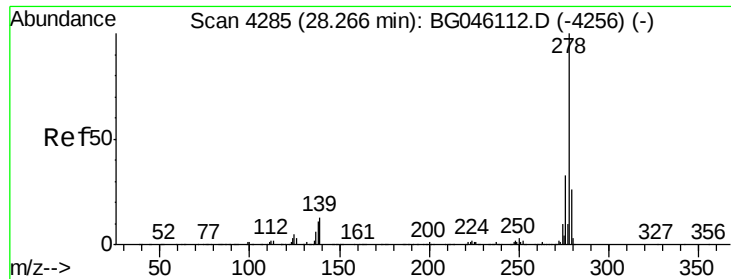


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.836 ng

RT: 28.27 min Scan# 4286

Delta R.T. 0.00 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

Instrument :

BNA_G

ClientSampleId :

TP-1-DMS

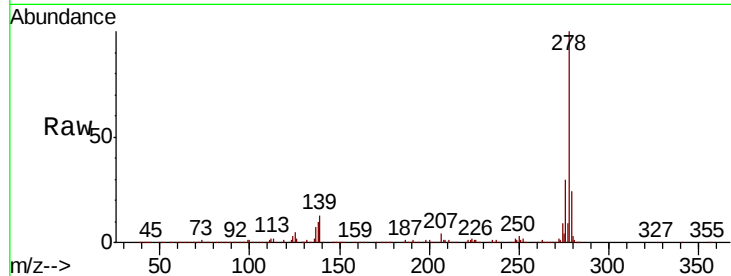
Tot Ion:278 Resp: 1512920

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

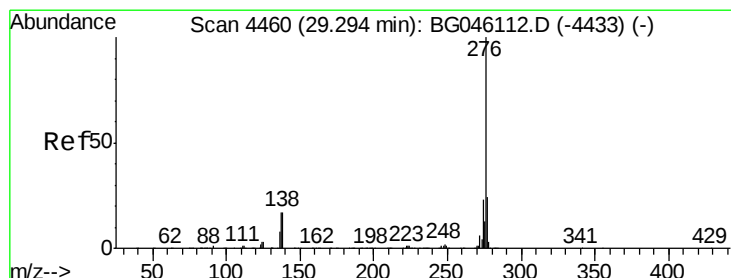
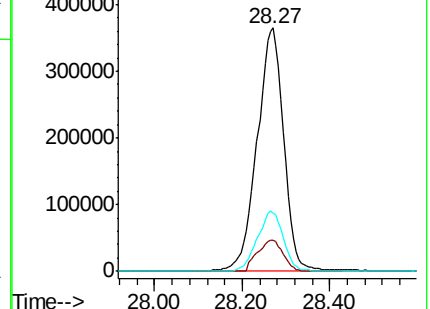
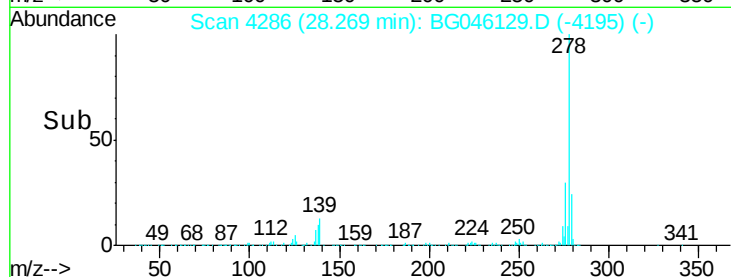
279 24.1 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.305 ng

RT: 29.30 min Scan# 4462

Delta R.T. 0.01 min

Lab File: BG046129.D

Acq: 31 Jul 2020 17:27

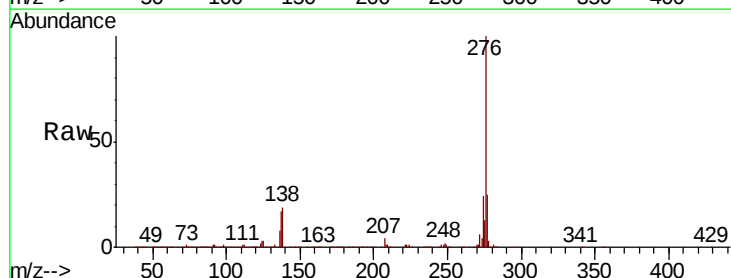
Tgt Ion:276 Resp: 1547351

Ion Ratio Lower Upper

276 100

277 24.8 19.5 29.3

138 18.6 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

