

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046629.D
 Acq On : 15 Sep 2020 18:07
 Operator : CG/JU
 Sample : L3867-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

Quant Time: Sep 15 18:51:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	78181	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	329410	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219867	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	459169	20.00	ng	0.00
76) Chrysene-d12	21.54	240	488576	20.00	ng	0.00
86) Perylene-d12	24.64	264	497686	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	532237	120.58	ng	0.00
7) Phenol-d6	7.10	99	673965	107.71	ng	0.00
23) Nitrobenzene-d5	9.08	82	499371	86.64	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	306674	102.94	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1265668	87.88	ng	0.00
79) Terphenyl-d14	19.91	244	1742849	75.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	64733	35.250	ng	# 57
3) Pyridine	3.82	79	172814	32.163	ng	96
4) n-Nitrosodimethylamine	3.72	42	88194	44.505	ng	94
6) Aniline	7.25	93	235064	33.383	ng	100
8) 2-Chlorophenol	7.49	128	248121	53.185	ng	98
9) Benzaldehyde	7.05	77	90325	25.765	ng	96
10) Phenol	7.13	94	269625	46.783	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	229164	49.467	ng	99
12) 1,3-Dichlorobenzene	7.81	146	258686	43.674	ng	99
13) 1,4-Dichlorobenzene	7.95	146	261821	44.154	ng	98
14) 1,2-Dichlorobenzene	8.28	146	258230	45.417	ng	100
15) Benzyl Alcohol	8.16	79	222398	55.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	345159	48.034	ng	99
17) 2-Methylphenol	8.37	107	219440	53.688	ng	98
18) Hexachloroethane	9.00	117	88050	43.794	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	195472	52.224	ng	98
20) 3+4-Methylphenols	8.70	107	301283	53.404	ng	99
22) Acetophenone	8.74	105	368430	45.947	ng	99
24) Nitrobenzene	9.12	77	270899	47.577	ng	95
25) Isophorone	9.65	82	537395	50.858	ng	99
26) 2-Nitrophenol	9.83	139	153047	50.945	ng	98
27) 2,4-Dimethylphenol	9.90	122	248363	60.109	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	330121	48.539	ng	99
29) 2,4-Dichlorophenol	10.37	162	287371	52.172	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	289318	44.269	ng	98
31) Naphthalene	10.77	128	768427	47.776	ng	98
32) Benzoic acid	10.06	122	55964	23.599	ng	98
33) 4-Chloroaniline	10.89	127	70628	9.958	ng	97
34) Hexachlorobutadiene	11.06	225	184475	43.482	ng	99
35) Caprolactam	11.66	113	28696	13.937	ng	98
36) 4-Chloro-3-methylphenol	12.01	107	266017	49.378	ng	94
37) 2-Methylnaphthalene	12.38	142	598318	47.168	ng	98
38) 1-Methylnaphthalene	12.60	142	568710	47.331	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	358485	49.443	ng	99

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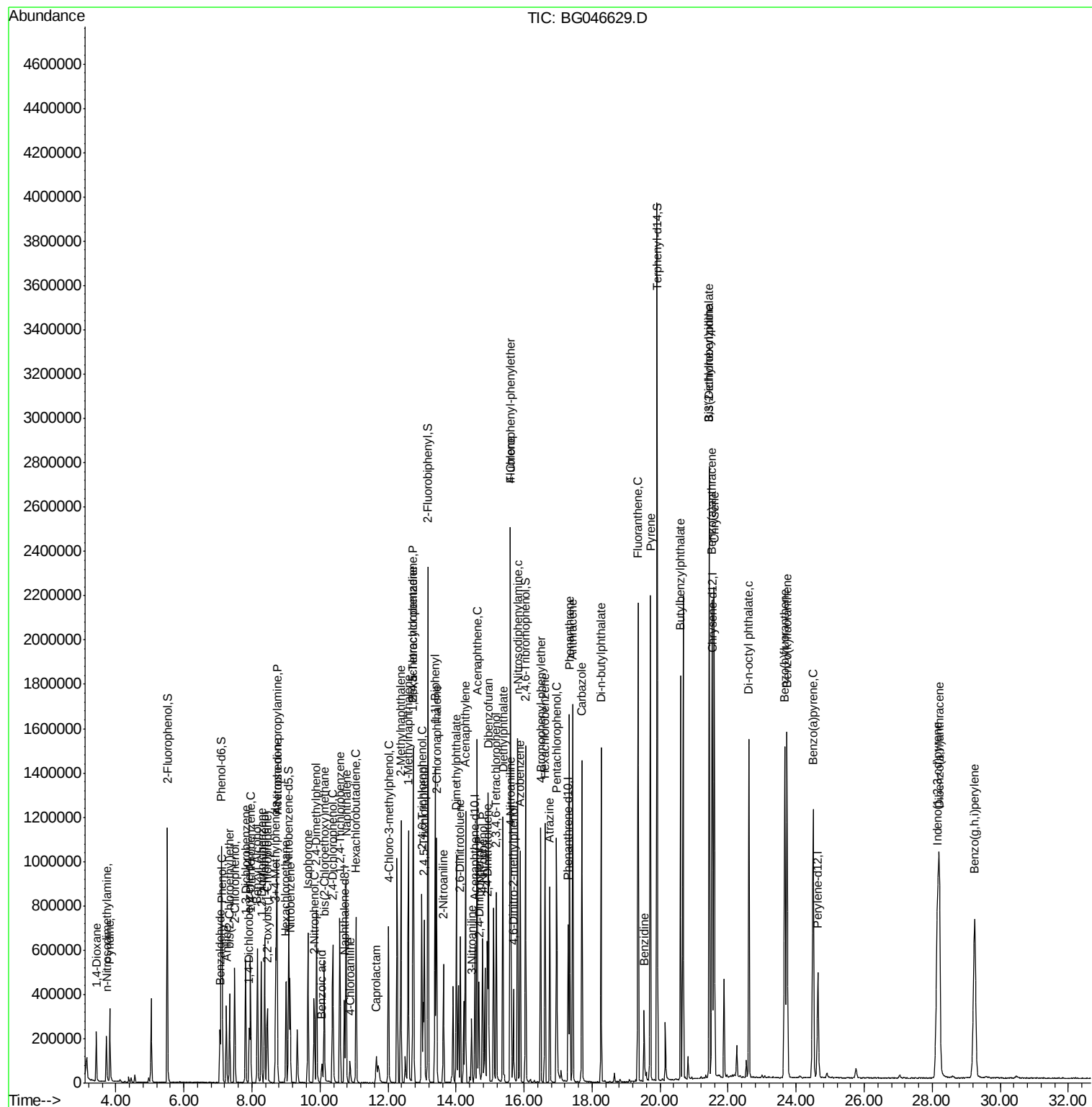
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	368099	116.759	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	244030	49.875	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	250160	48.663	ng	99
46) 1,1'-Biphenyl	13.39	154	777038	50.796	ng	99
47) 2-Chloronaphthalene	13.43	162	610593	47.078	ng	100
48) 2-Nitroaniline	13.63	65	157291	43.674	ng	99
49) Acenaphthylene	14.28	152	938608	47.708	ng	100
50) Dimethylphthalate	14.01	163	734041	43.153	ng	100
51) 2,6-Dinitrotoluene	14.12	165	170284	45.414	ng	98
52) Acenaphthene	14.62	154	568194	46.605	ng	99
53) 3-Nitroaniline	14.46	138	93711	23.072	ng	99
54) 2,4-Dinitrophenol	14.67	184	148947	68.054	ng	98
55) Dibenzofuran	14.95	168	902719	46.138	ng	100
56) 4-Nitrophenol	14.78	139	221585	74.130	ng	99
57) 2,4-Dinitrotoluene	14.92	165	227271	42.509	ng	98
58) Fluorene	15.60	166	728508	44.363	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	221021	44.275	ng	99
60) Diethylphthalate	15.37	149	683718	41.226	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	400203	44.251	ng	96
62) 4-Nitroaniline	15.62	138	159717	37.268	ng	97
63) Azobenzene	15.89	77	603645	44.745	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130384	50.168	ng	97
66) n-Nitrosodiphenylamine	15.81	169	632256	51.040	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	269133	50.239	ng	98
68) Hexachlorobenzene	16.61	284	279038	47.033	ng	97
69) Atrazine	16.76	200	191705	37.935	ng	99
70) Pentachlorophenol	16.96	266	263653	85.056	ng	99
71) Phenanthrene	17.34	178	1108156	47.614	ng	99
72) Anthracene	17.43	178	1133753	49.374	ng	98
73) Carbazole	17.70	167	1055355	48.678	ng	100
74) Di-n-butylphthalate	18.27	149	1152843	46.243	ng	99
75) Fluoranthene	19.35	202	1420249	47.419	ng	100
77) Benzidine	19.53	184	247964	21.841	ng	99
78) Pyrene	19.71	202	1439398	46.265	ng	99
80) Butylbenzylphthalate	20.60	149	569103	46.896	ng	96
81) Benzo(a)anthracene	21.53	228	1416766	46.523	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	329243	29.133	ng	98
83) Chrysene	21.59	228	1371935	46.835	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	803664	48.528	ng	100
85) Di-n-octyl phthalate	22.61	149	1384933	48.839	ng	100
87) Indeno(1,2,3-cd)pyrene	28.15	276	1768639	49.479	ng	100
88) Benzo(b)fluoranthene	23.66	252	1493674	48.065	ng	98
89) Benzo(k)fluoranthene	23.73	252	1459427	48.593	ng	98
90) Benzo(a)pyrene	24.50	252	1366401	47.116	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1439735	49.913	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1466953	50.928	ng	98

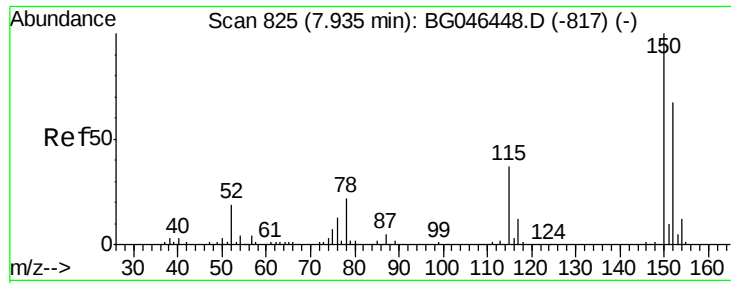
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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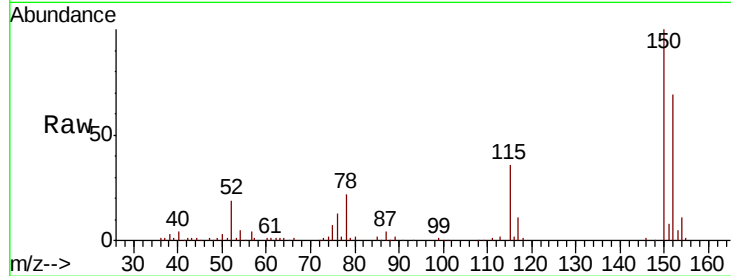


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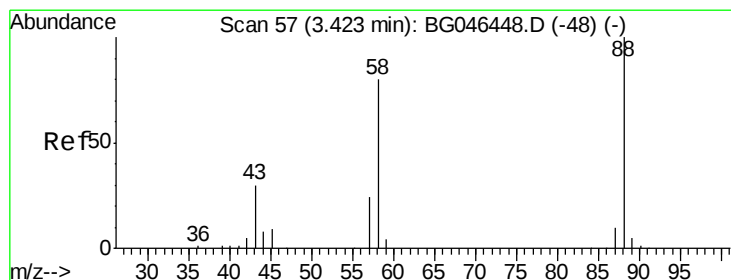
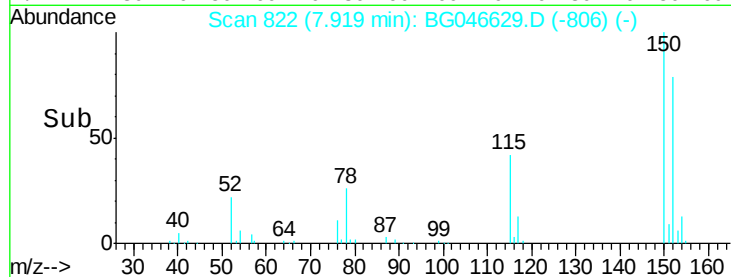
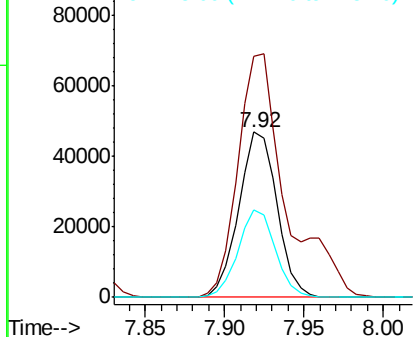
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

Tot Ion:152 Resp: 78181
 Ion Ratio Lower Upper
 152 100
 150 145.9 119.5 179.3
 115 52.9 44.3 66.5



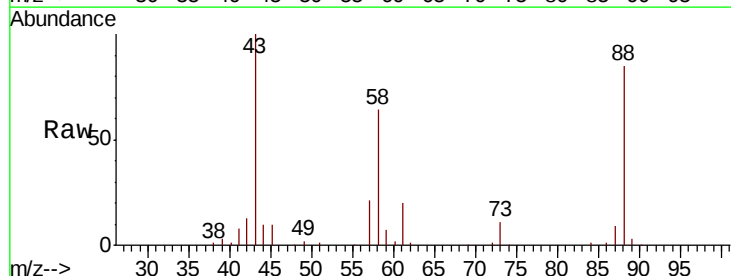
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



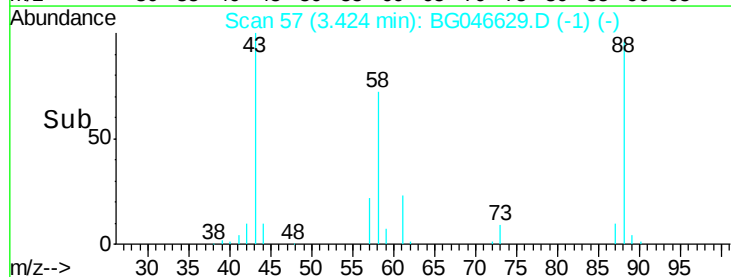
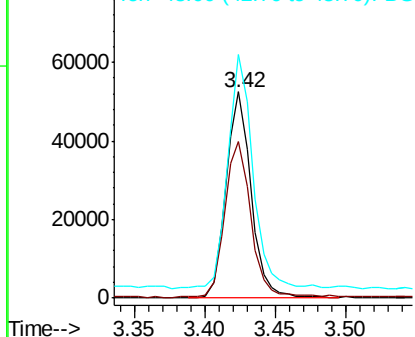
#2

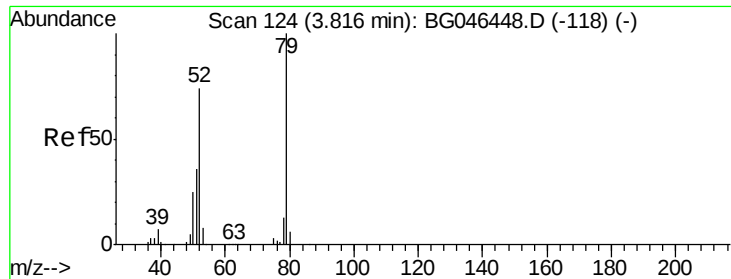
1,4-Dioxane
 Concen: 35.250 ng
 RT: 3.42 min Scan# 57
 Delta R.T. 0.01 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion: 88 Resp: 64733
 Ion Ratio Lower Upper
 88 100
 58 77.1 61.4 92.2
 43 111.6 21.6 32.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.163 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

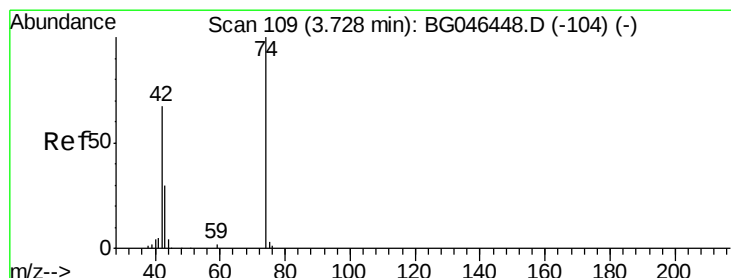
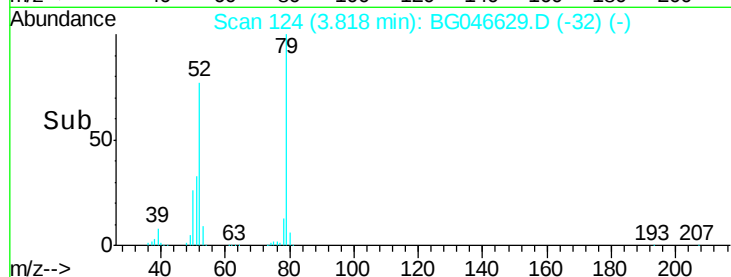
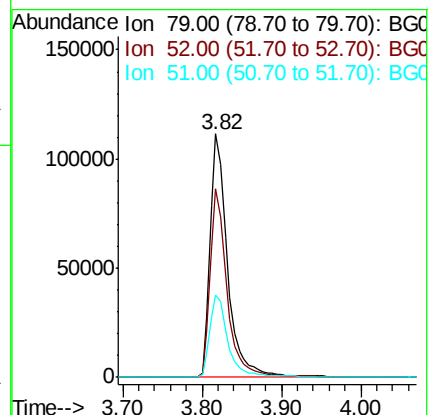
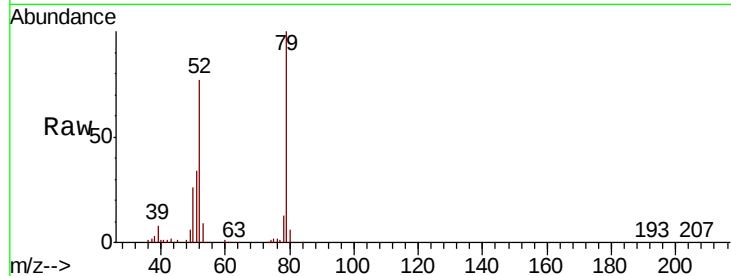
Tot Ion: 79 Resp: 172814

Ion Ratio Lower Upper

79 100

52 77.3 59.1 88.7

51 33.7 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 44.505 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

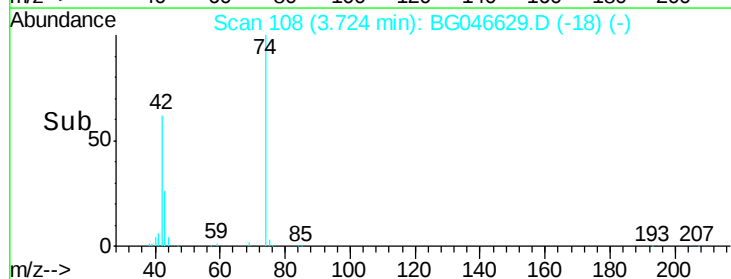
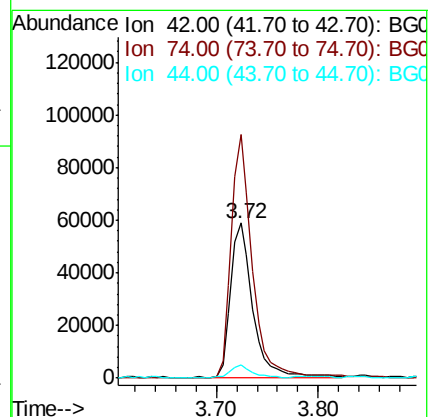
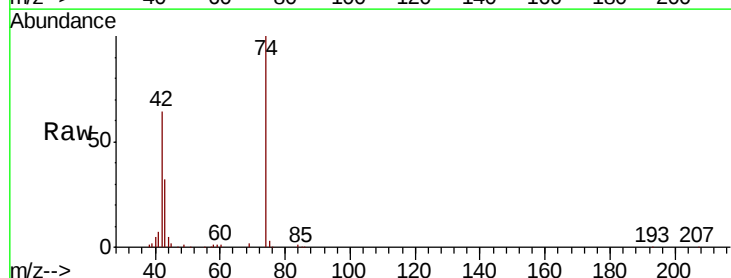
Tgt Ion: 42 Resp: 88194

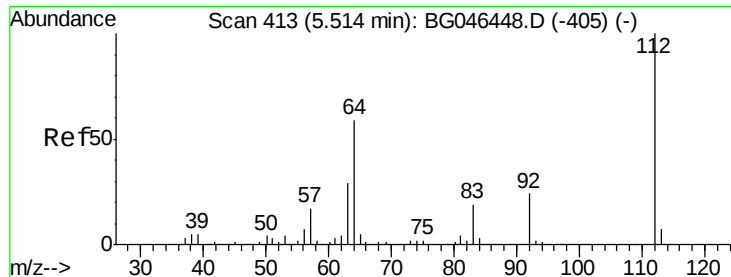
Ion Ratio Lower Upper

42 100

74 157.0 119.5 179.3

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 120.578 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG046629.D

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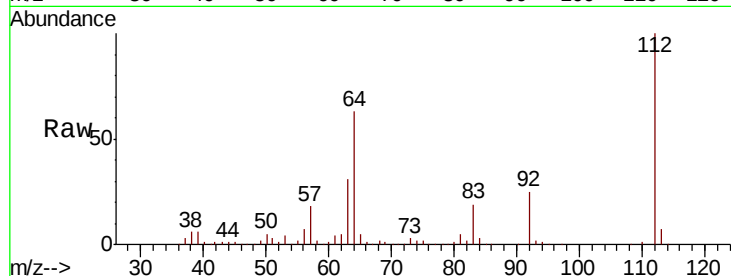
Tot Ion:112 Resp: 532237

Ion Ratio Lower Upper

112 100

64 63.2 47.0 70.6

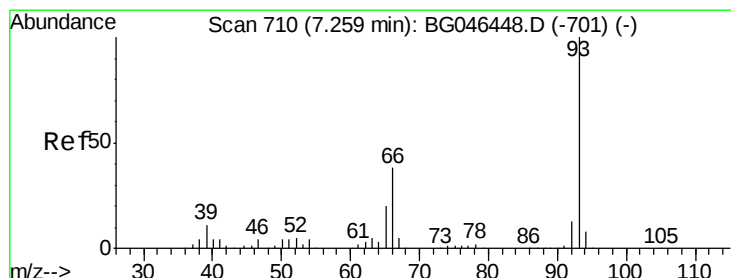
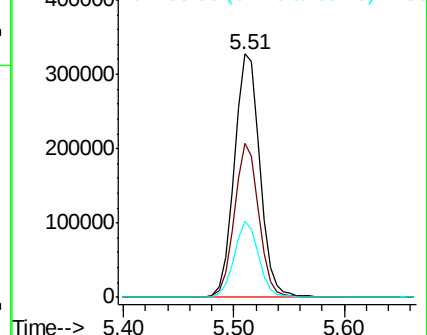
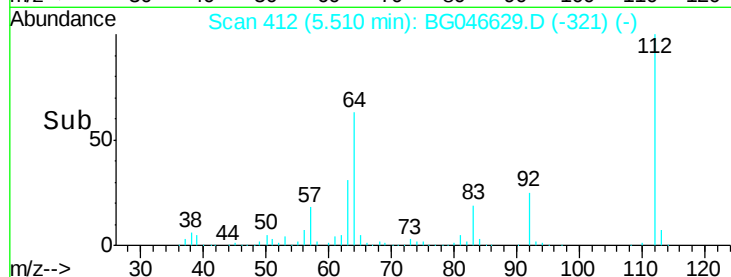
63 31.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.383 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

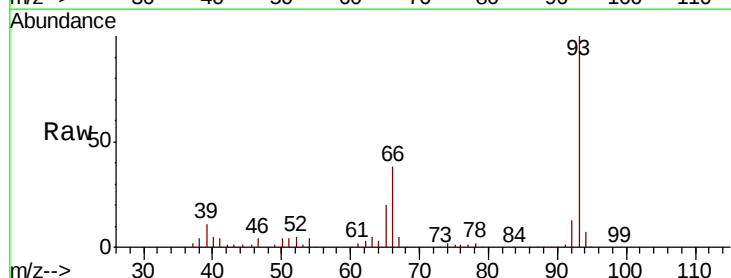
Tgt Ion: 93 Resp: 235064

Ion Ratio Lower Upper

93 100

66 38.0 30.4 45.6

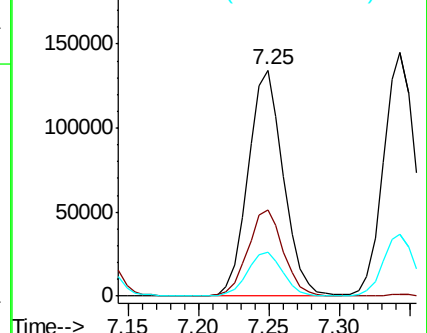
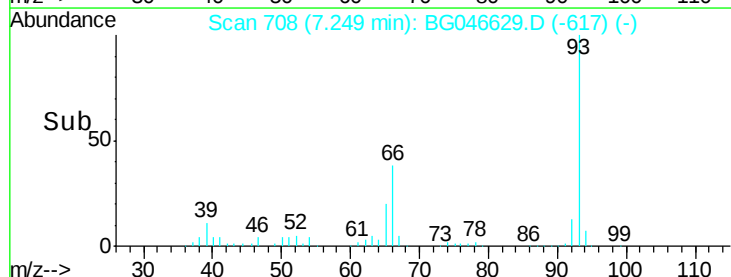
65 19.6 15.8 23.6

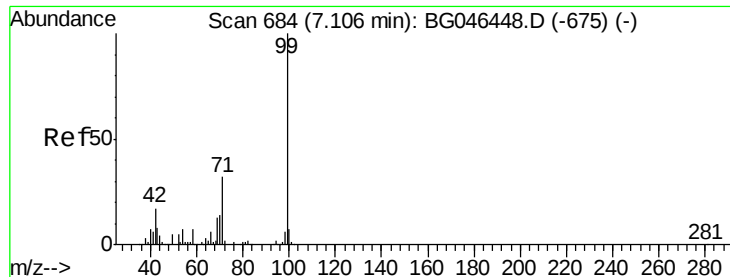


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.707 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

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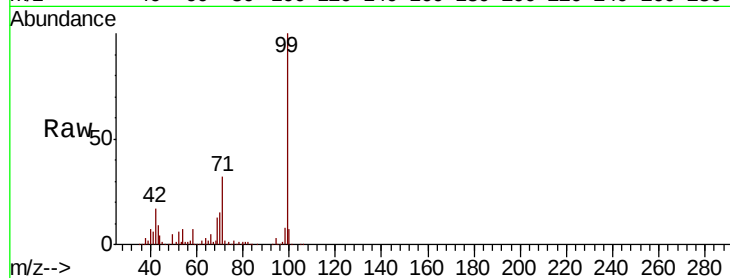
Tot Ion: 99 Resp: 673965

Ion Ratio Lower Upper

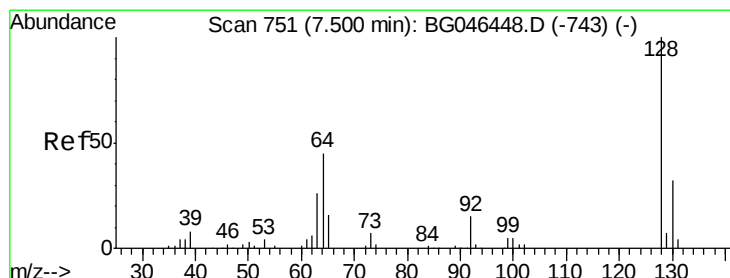
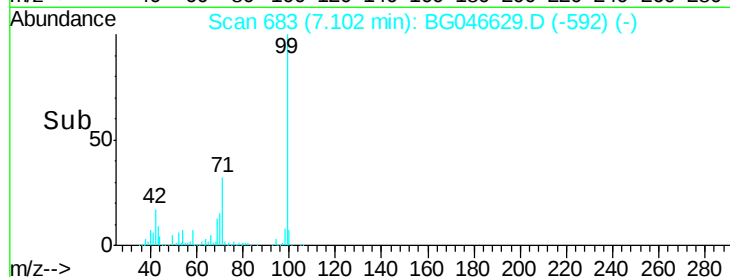
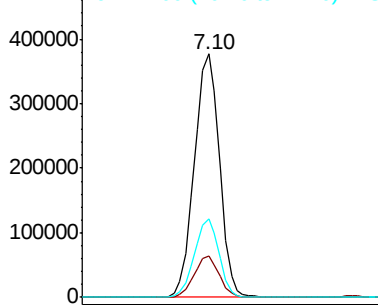
99 100

42 17.0 13.3 19.9

71 32.1 25.3 37.9



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: 53.185 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG046629.D

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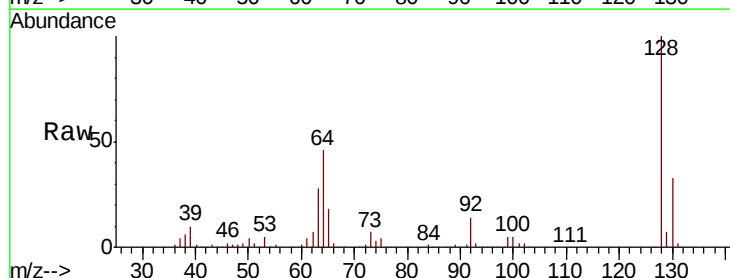
Tgt Ion: 128 Resp: 248121

Ion Ratio Lower Upper

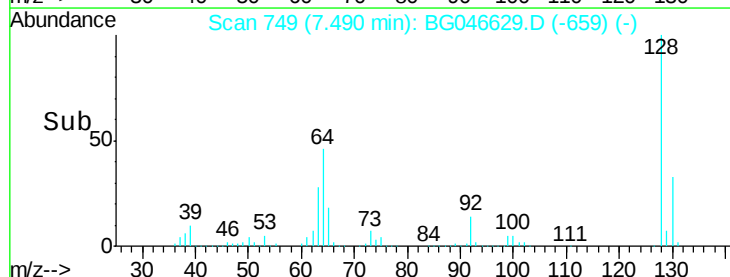
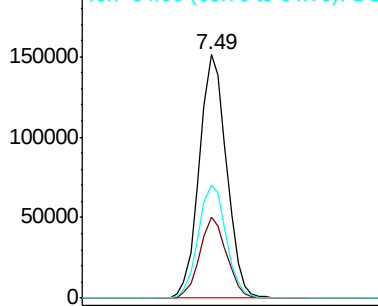
128 100

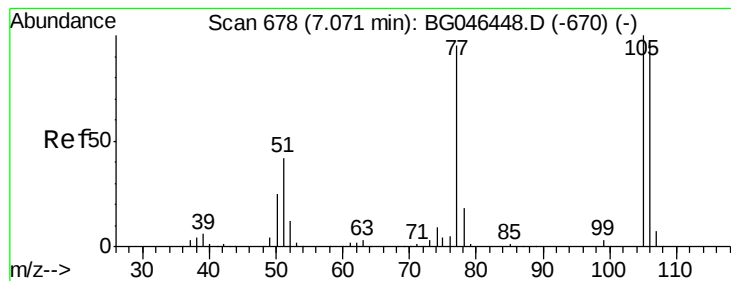
130 33.1 12.4 52.4

64 46.2 28.1 68.1



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: 25.765 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.01 min

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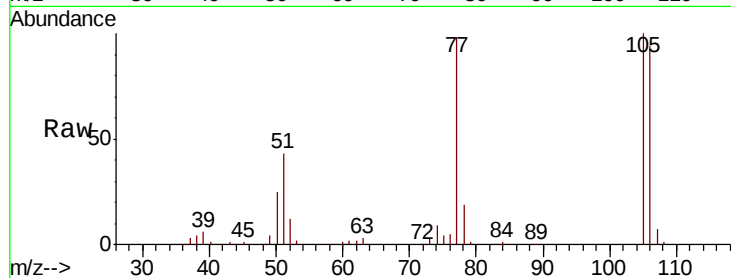
Tot Ion: 77 Resp: 90325

Ion Ratio Lower Upper

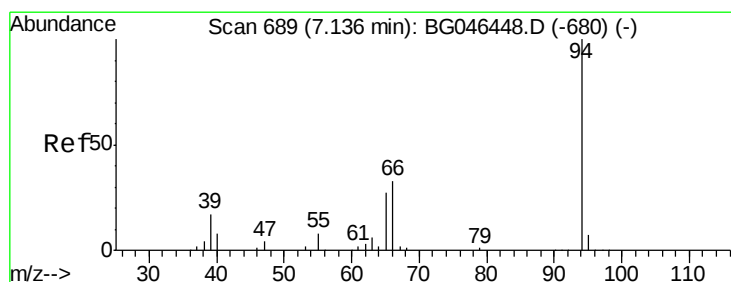
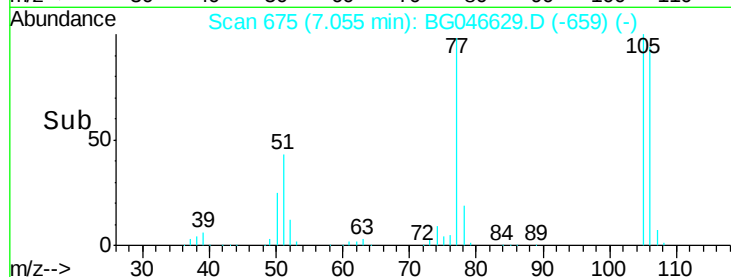
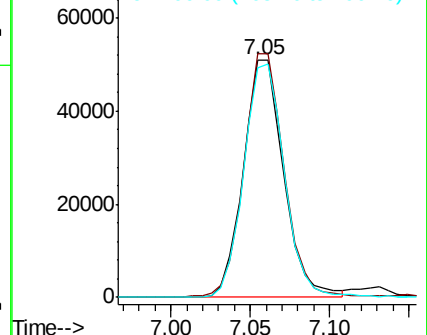
77 100

105 102.4 85.6 125.6

106 96.7 80.8 120.8



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: 46.783 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

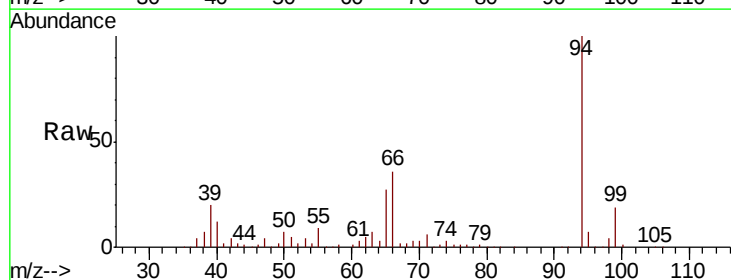
Tgt Ion: 94 Resp: 269625

Ion Ratio Lower Upper

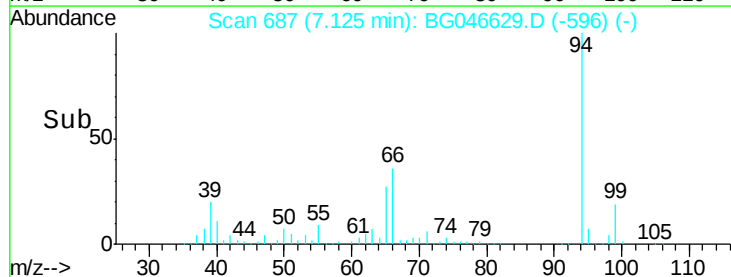
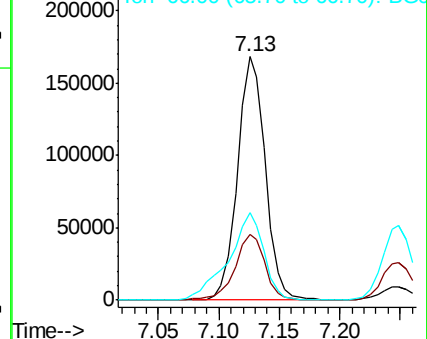
94 100

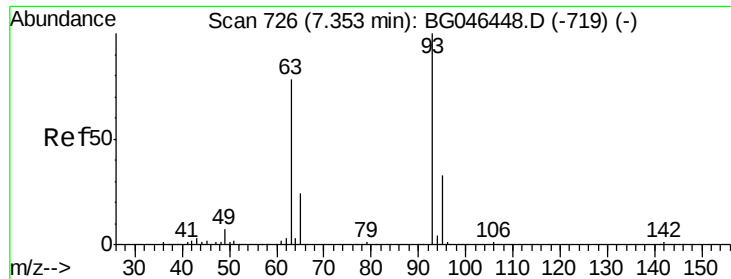
65 26.9 7.5 47.5

66 35.8 14.1 54.1



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

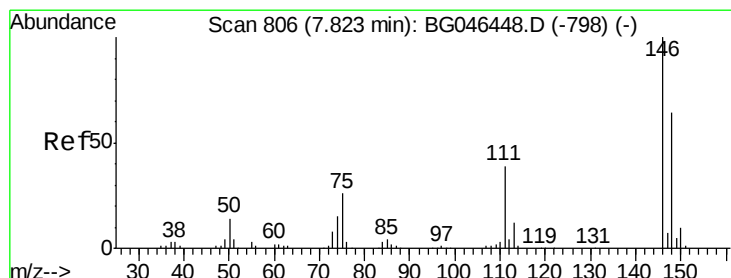
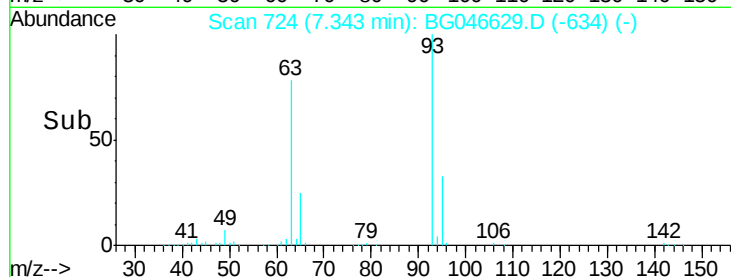
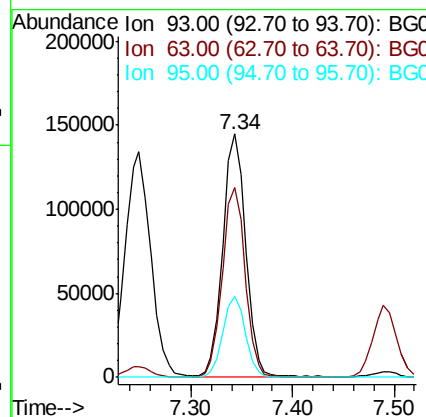
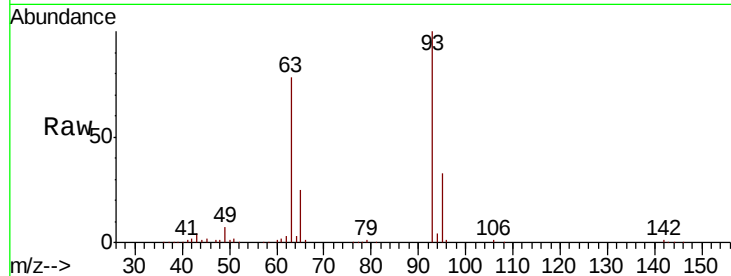




#11
bis(2-Chloroethyl)ether
Concen: 49.467 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

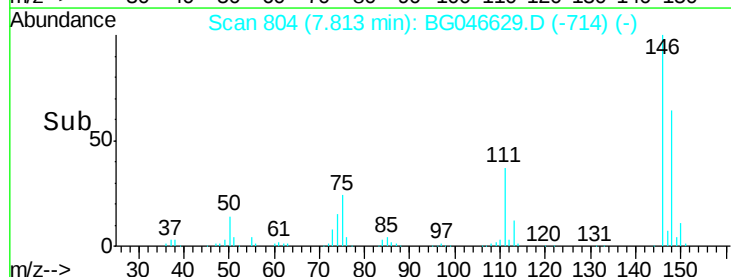
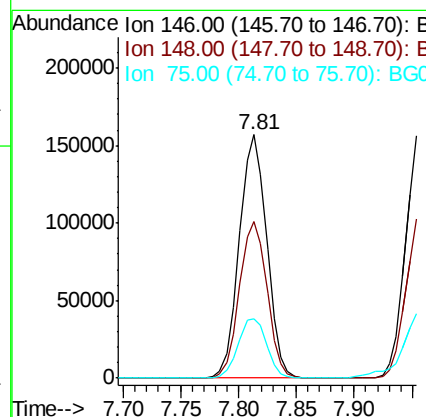
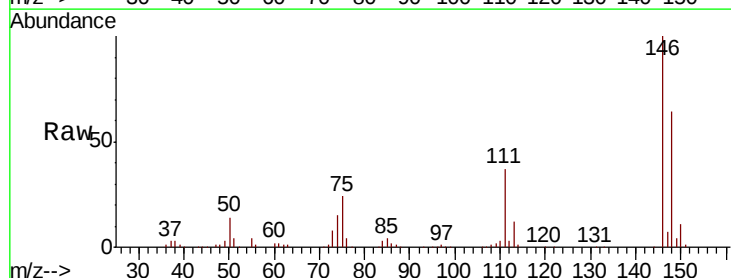
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

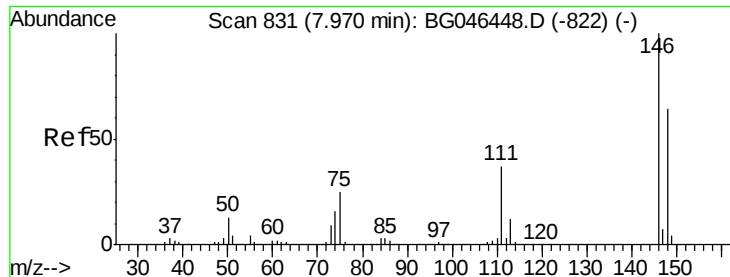
Tot Ion:	93	Resp:	229164
Ion	Ratio	Lower	Upper
93	100		
63	77.9	57.7	97.7
95	33.4	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 43.674 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:	146	Resp:	258686
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	24.4	20.7	31.1

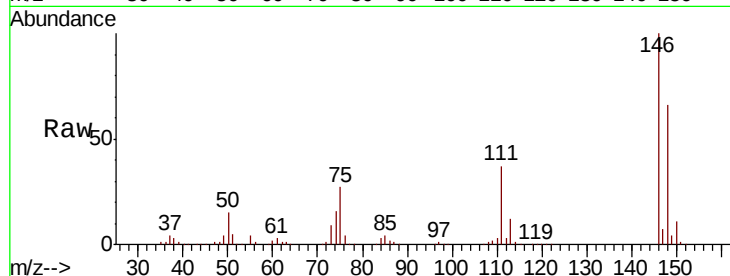




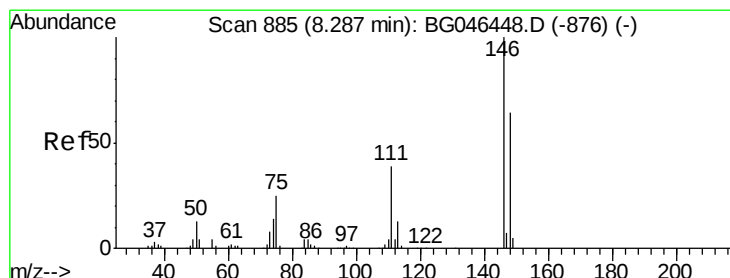
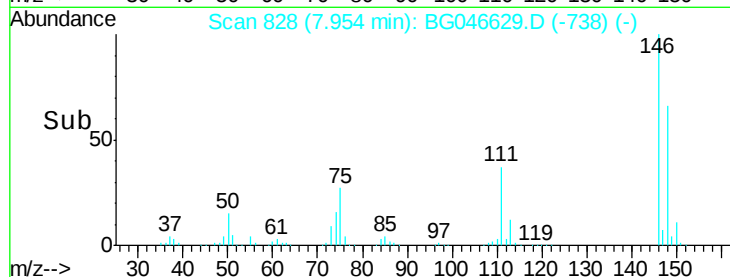
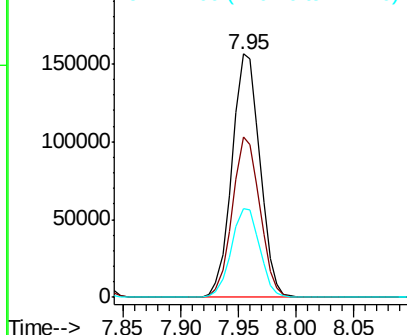
#13
 1,4-Dichlorobenzene
 Concen: 44.154 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

Tot Ion:146 Resp: 261821
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.9 76.3
 111 36.7 29.8 44.6

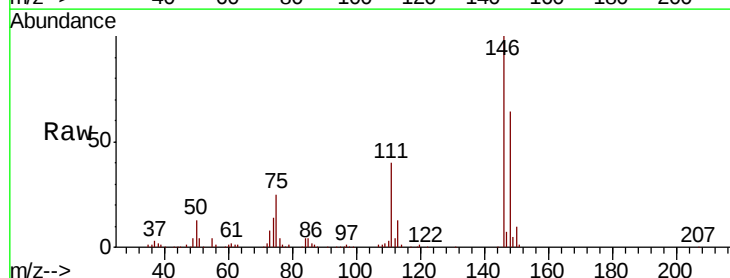


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

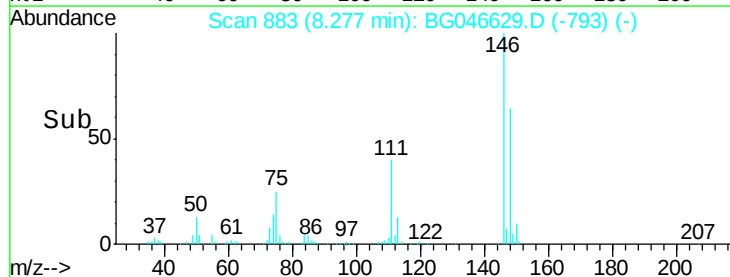
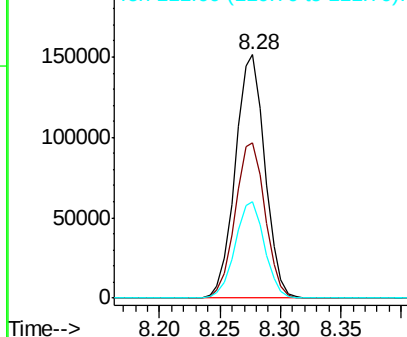


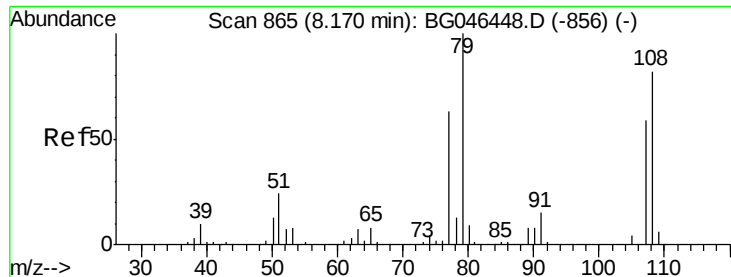
#14
 1,2-Dichlorobenzene
 Concen: 45.417 ng
 RT: 8.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion:146 Resp: 258230
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 39.5 31.4 47.2



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: 55.359 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

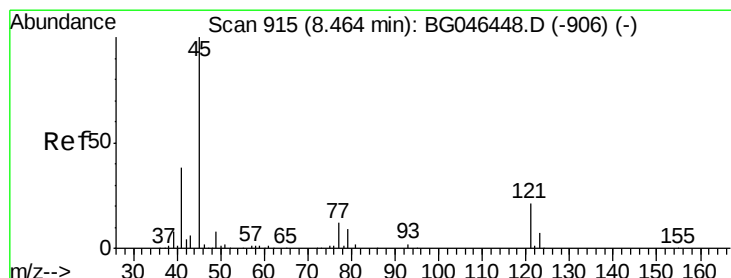
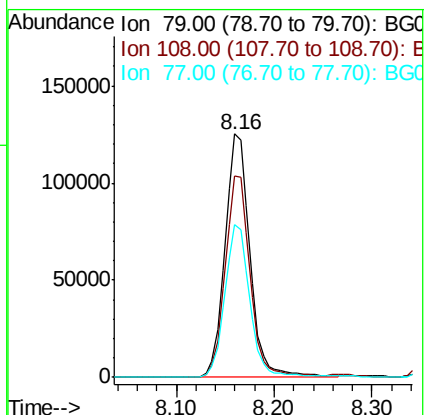
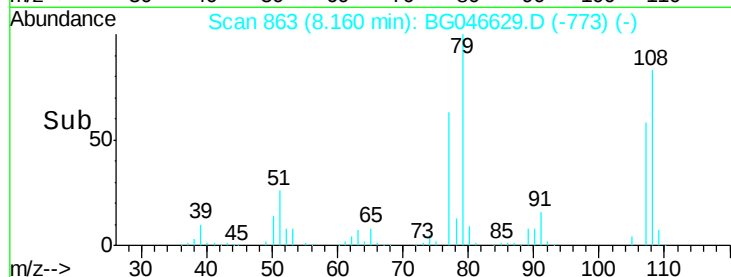
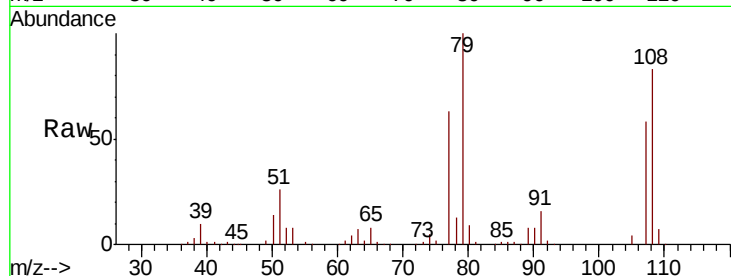
Tot Ion: 79 Resp: 222398

Ion Ratio Lower Upper

79 100

108 82.7 65.7 98.5

77 62.7 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.034 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

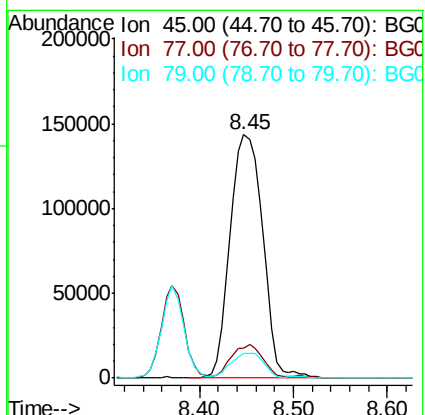
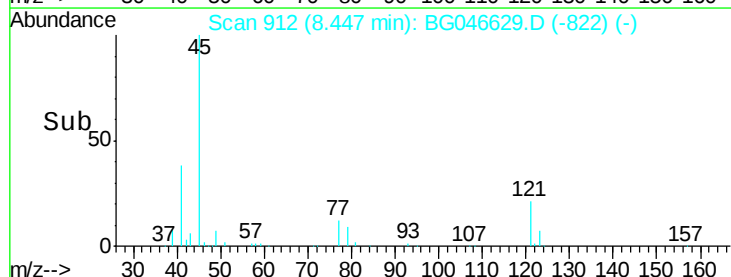
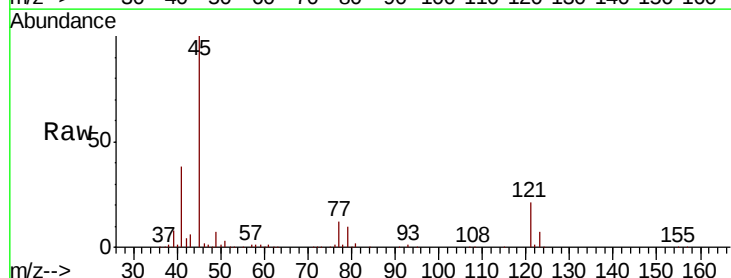
Tgt Ion: 45 Resp: 345159

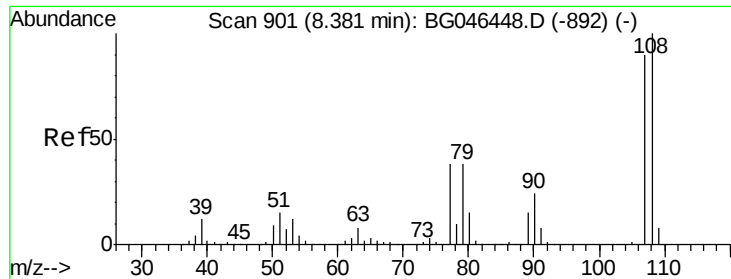
Ion Ratio Lower Upper

45 100

77 12.4 0.0 33.2

79 10.1 0.0 30.3

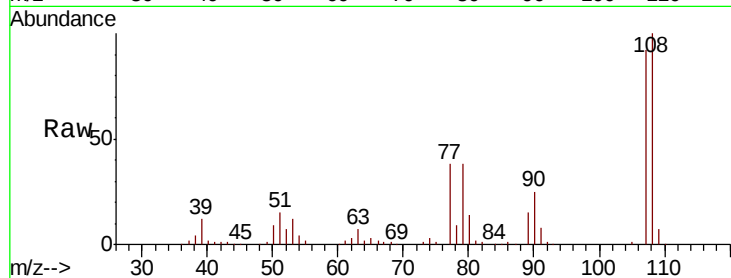




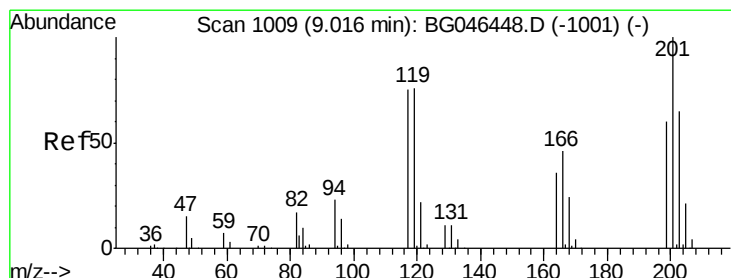
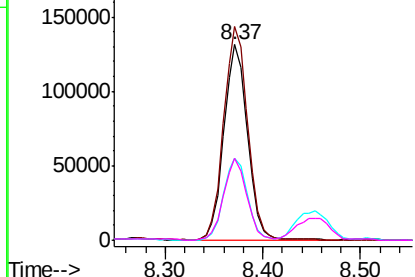
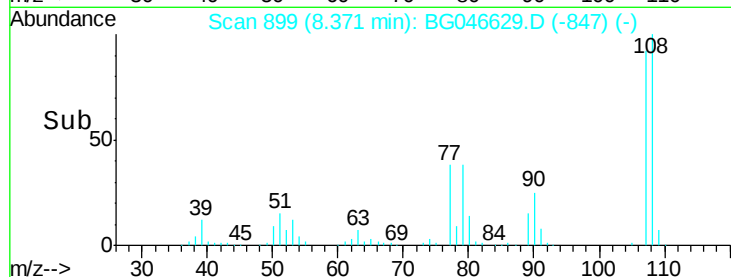
#17
2-Methylphenol
Concen: 53.688 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

Tot Ion:107 Resp: 219440
Ion Ratio Lower Upper
107 100
108 109.1 89.4 134.0
77 41.8 34.5 51.7
79 41.8 33.8 50.6

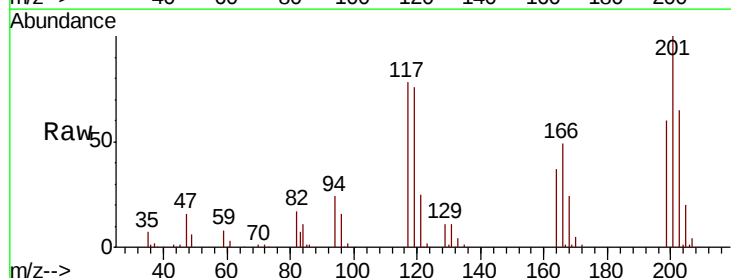


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

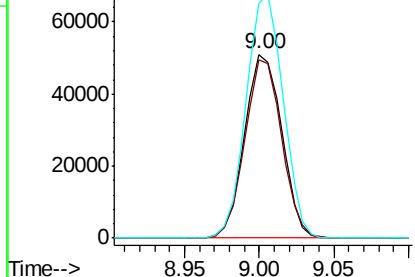
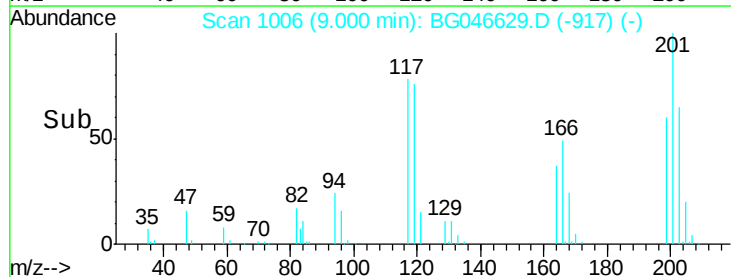


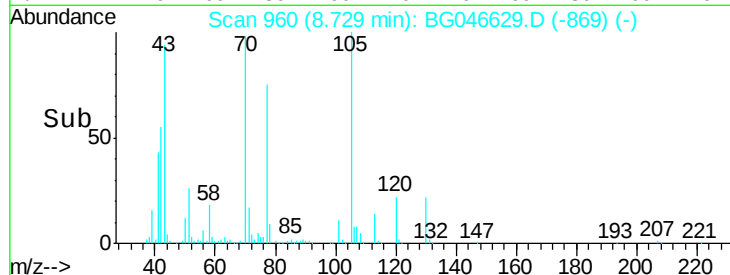
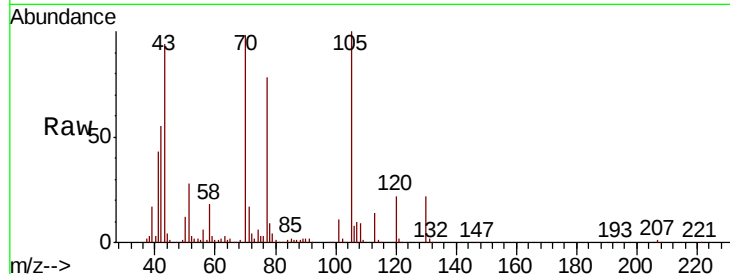
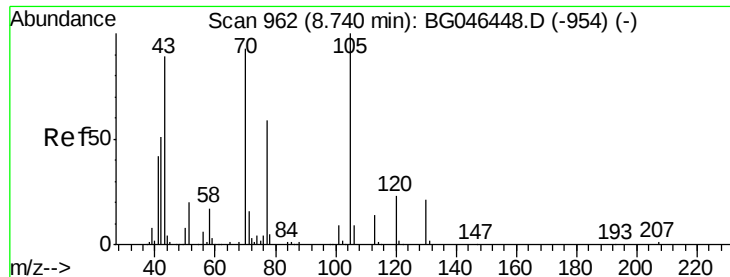
#18
Hexachloroethane
Concen: 43.794 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:117 Resp: 88050
Ion Ratio Lower Upper
117 100
119 97.1 80.8 121.2
201 127.5 106.7 160.1



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

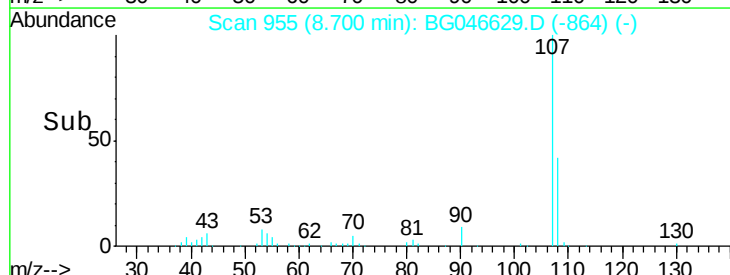
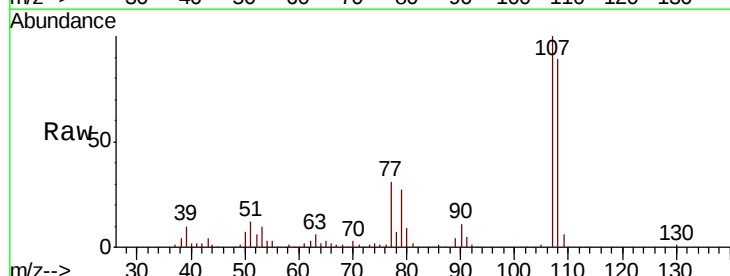
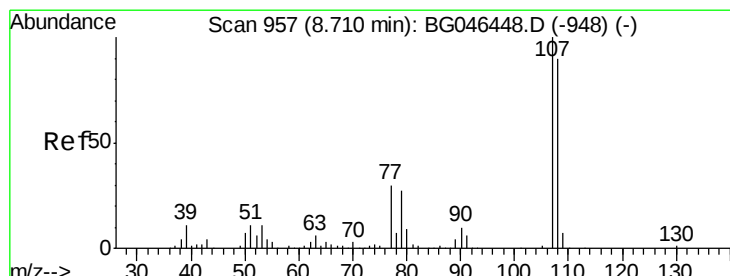
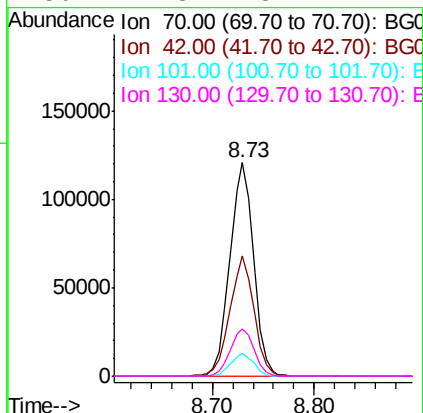




#19
n-Nitroso-di-n-propylamine
Concen: 52.224 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

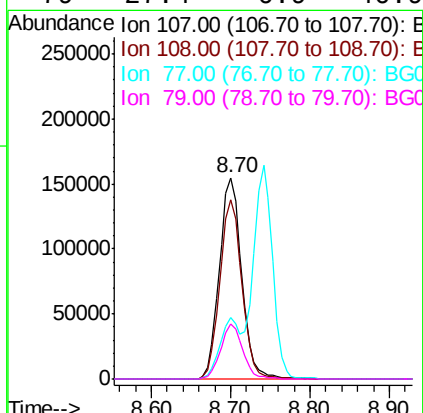
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

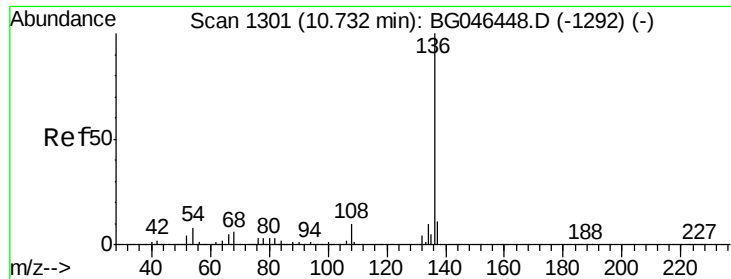
Tot Ion:	70	Resp:	195472
Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.2	66.2
101	10.9	7.8	11.8
130	22.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 53.404 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:	107	Resp:	301283
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.7	109.7
77	30.7	9.7	49.7
79	27.4	6.9	46.9

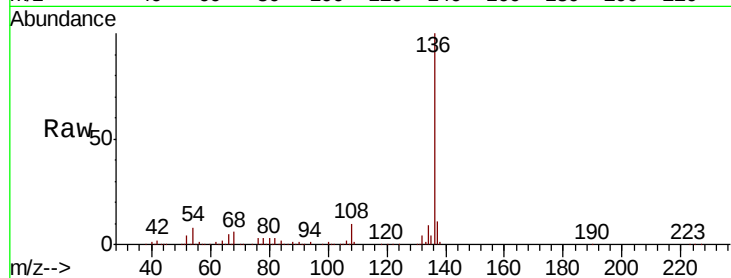




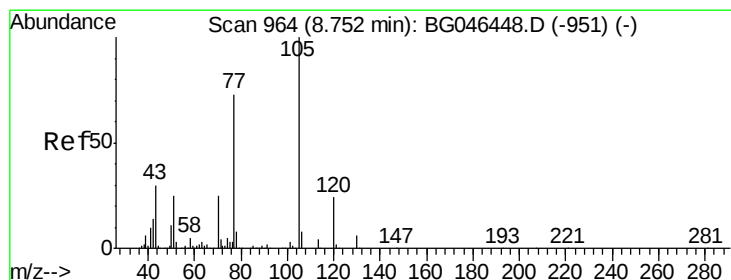
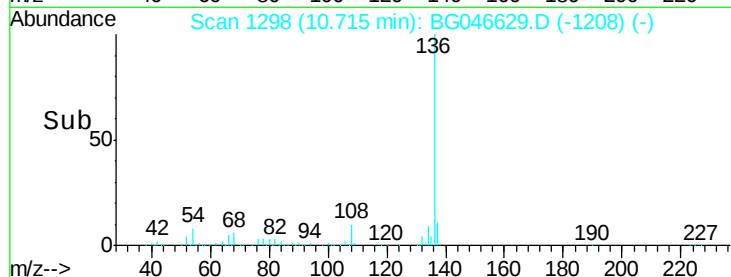
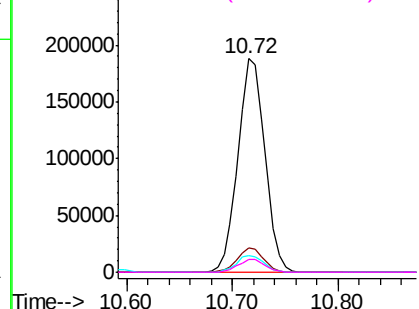
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

Tot Ion:136	Resp:	329410
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.9	6.1	9.1
68 5.9	4.8	7.2

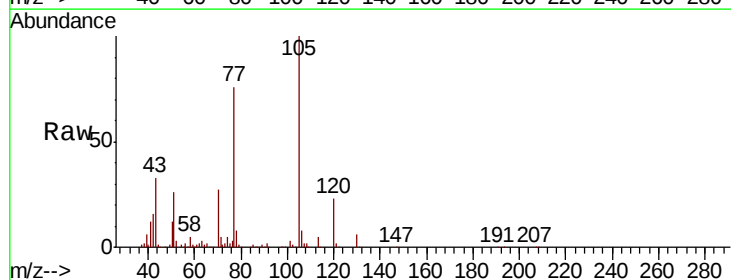


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

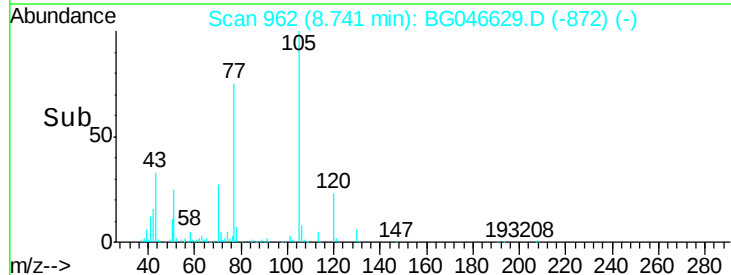
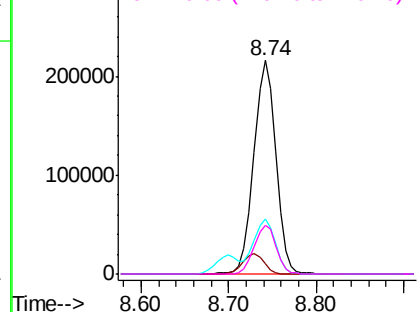


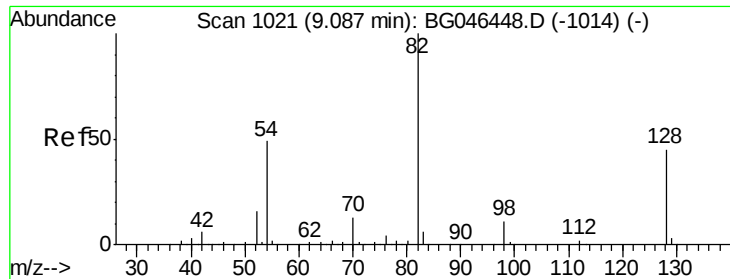
#22
Acetophenone
Concen: 45.947 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt	Ion:105	Resp:	368430
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.3	4.9
51	25.6	20.6	31.0
120	22.6	19.0	28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

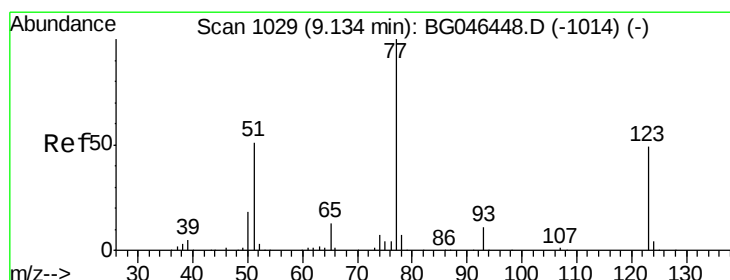
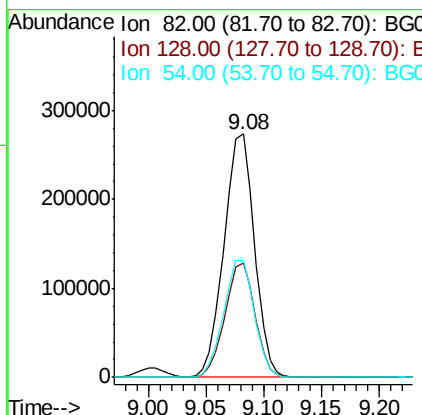
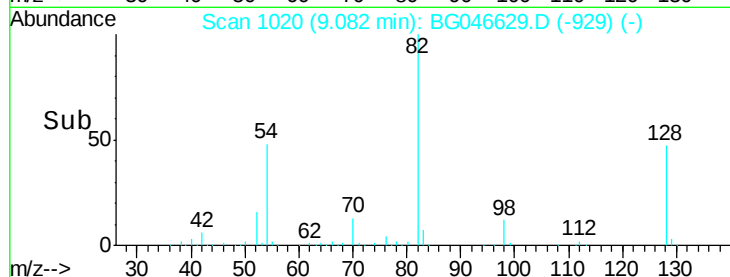
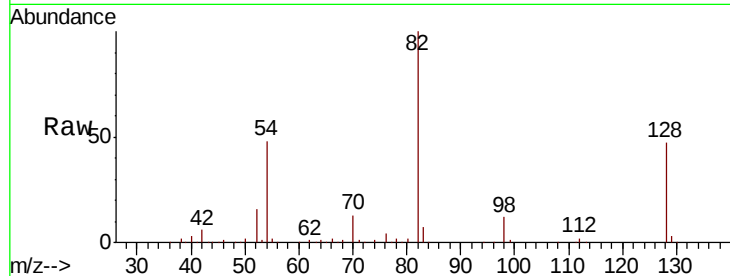




#23
Nitrobenzene-d5
Concen: 86.645 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

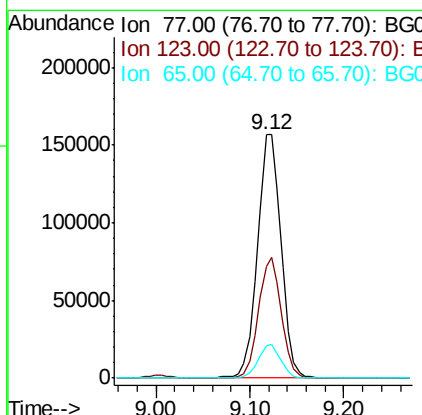
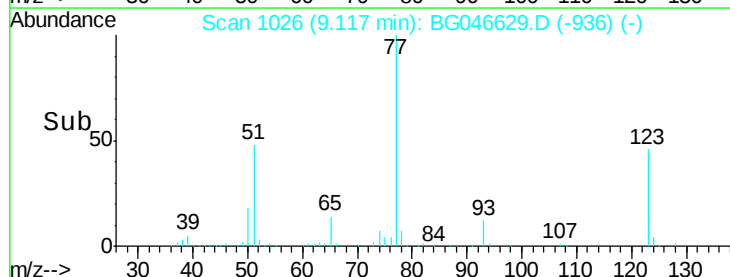
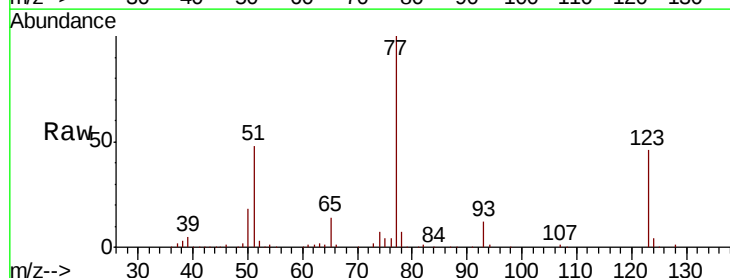
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

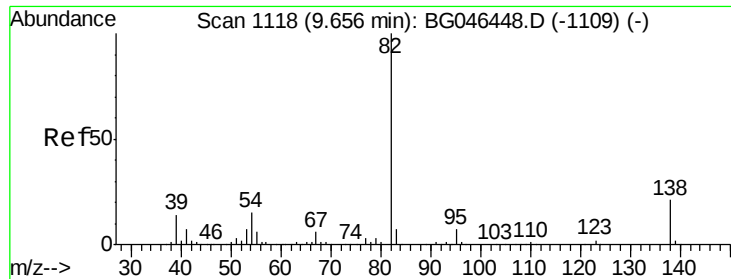
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.7	53.5
54	48.2	39.4	59.0



#24
Nitrobenzene
Concen: 47.577 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	39.6	59.4
65	13.5	10.1	15.1





#25

Isophorone

Concen: 50.858 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

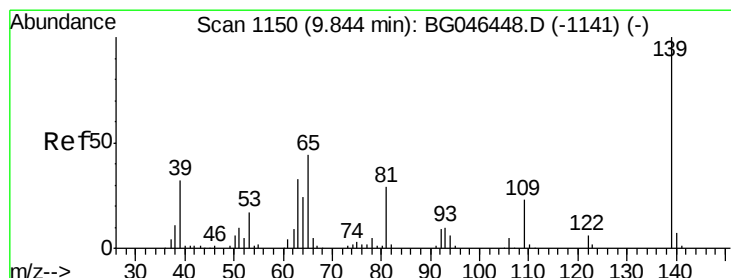
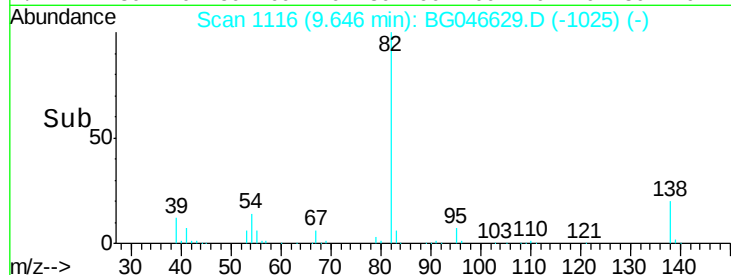
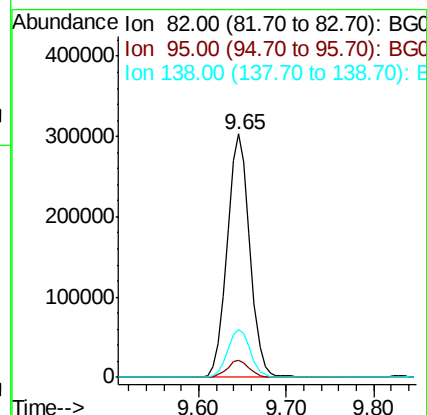
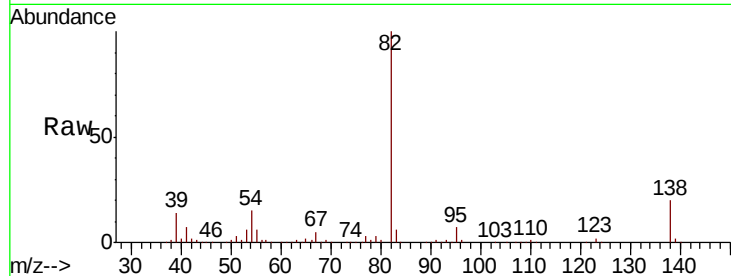
Tot Ion: 82 Resp: 537395

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 19.7 16.4 24.6



#26

2-Nitrophenol

Concen: 50.945 ng

RT: 9.83 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

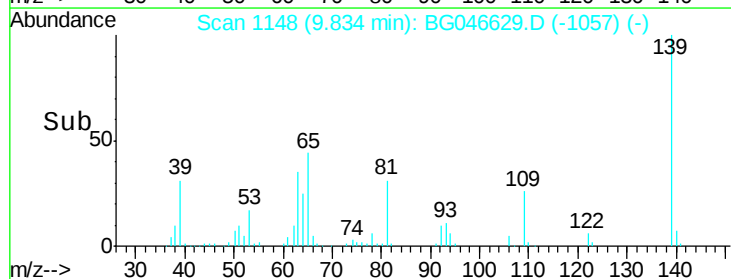
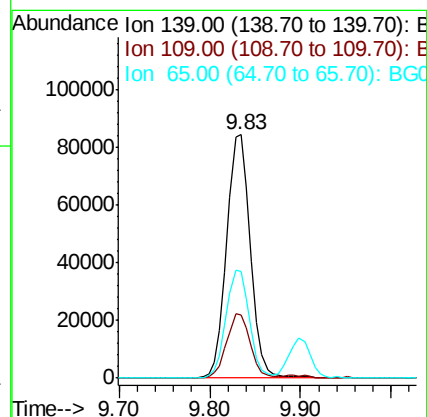
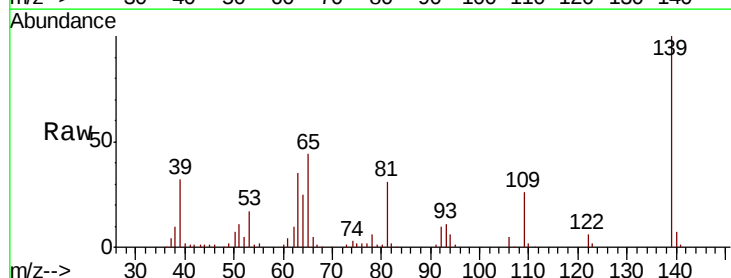
Tgt Ion: 139 Resp: 153047

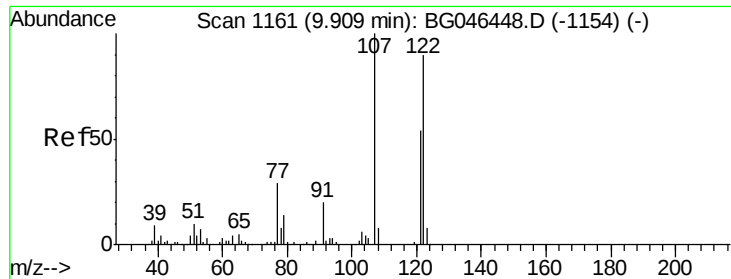
Ion Ratio Lower Upper

139 100

109 26.1 18.8 28.2

65 43.9 35.0 52.6

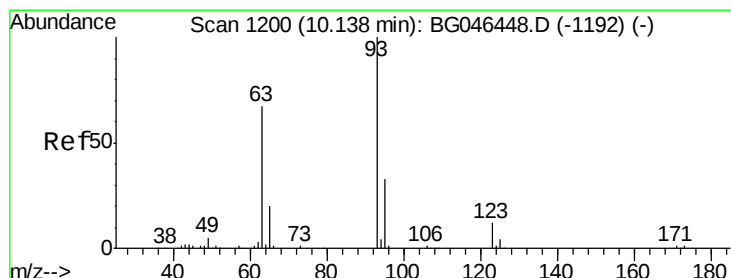
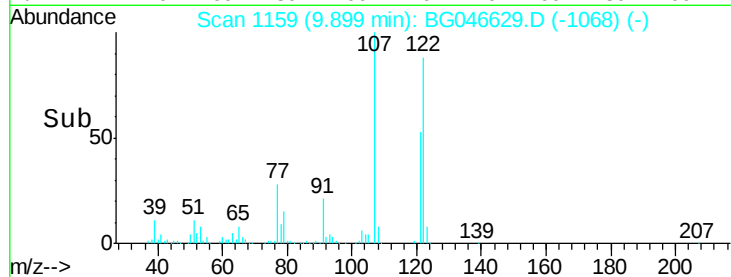
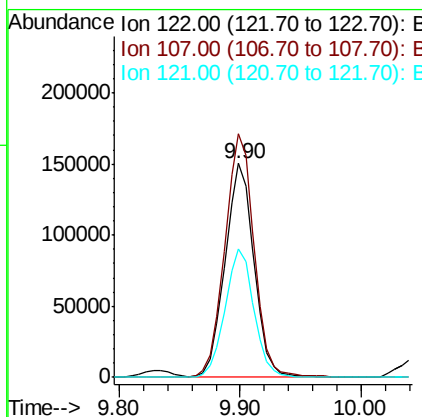
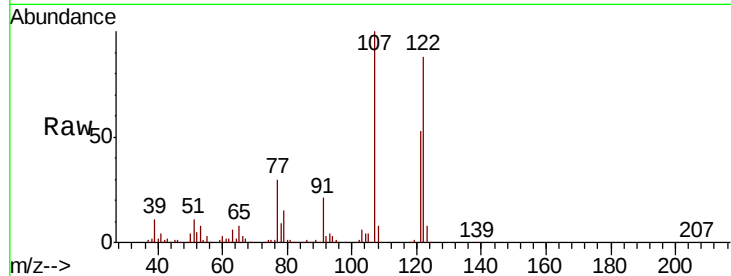




#27
 2,4-Dimethylphenol
 Concen: 60.109 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

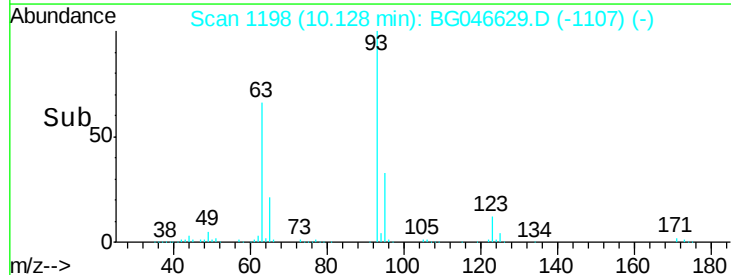
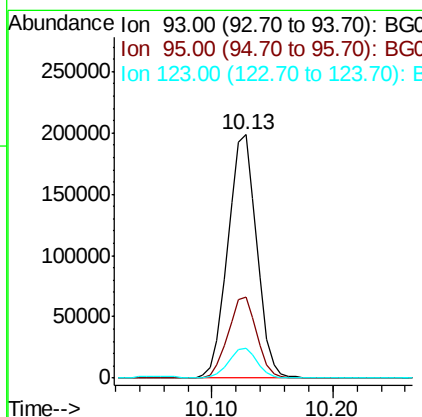
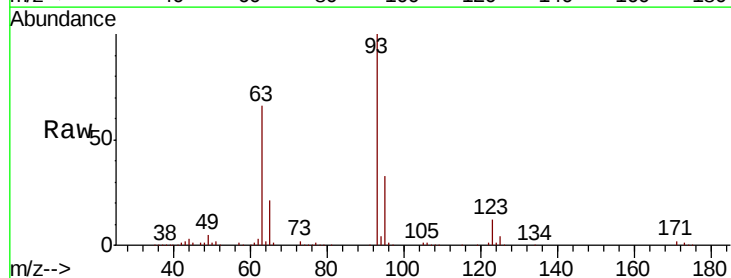
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

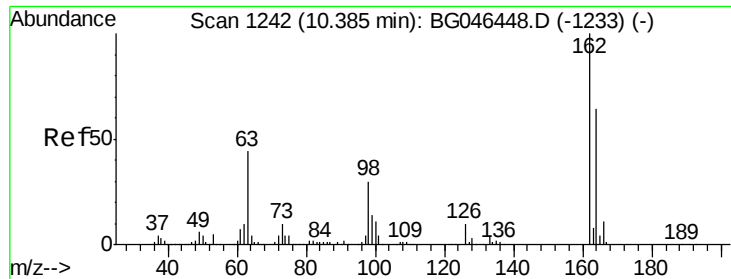
Tot Ion:122 Resp: 248363
 Ion Ratio Lower Upper
 122 100
 107 113.8 88.2 132.2
 121 59.8 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.539 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion: 93 Resp: 330121
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.1 39.1
 123 12.2 9.5 14.3

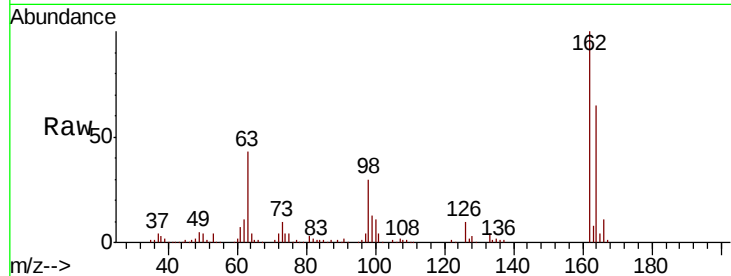




#29
 2,4-Dichlorophenol
 Concen: 52.172 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.3	84.3
98	29.6	10.0	50.0

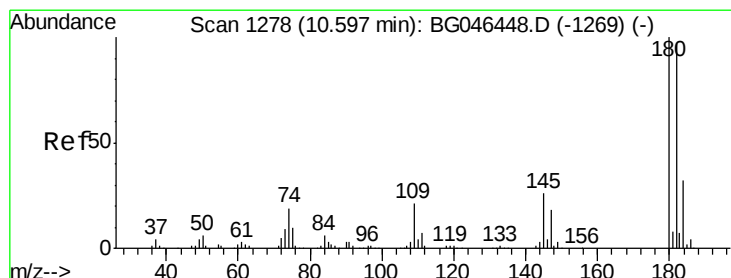
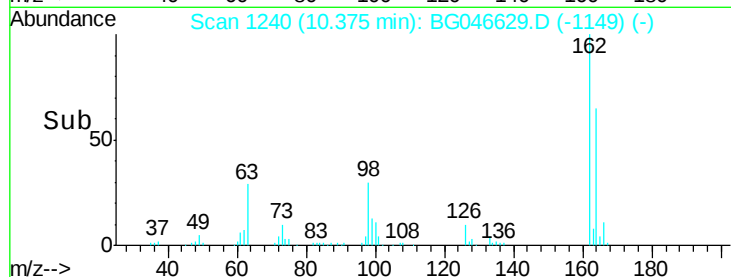
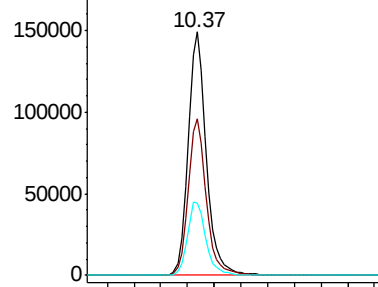


Abundance

Ion 162.00 (161.70 to 162.70): E

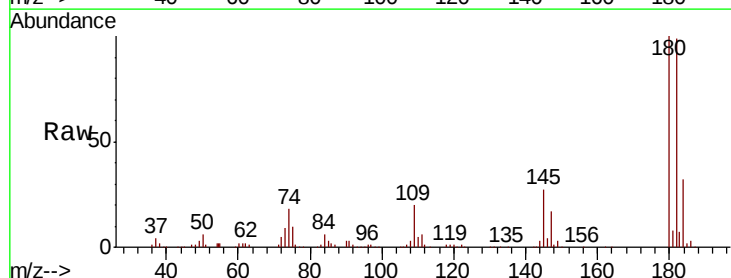
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 44.269 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.8	116.8
145	26.6	20.9	31.3

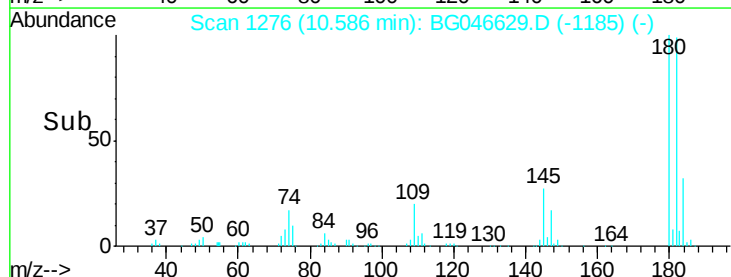
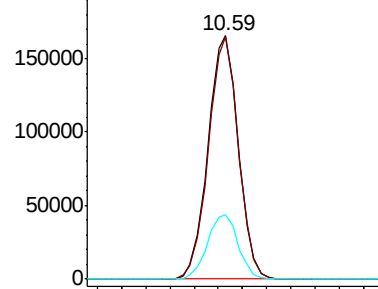


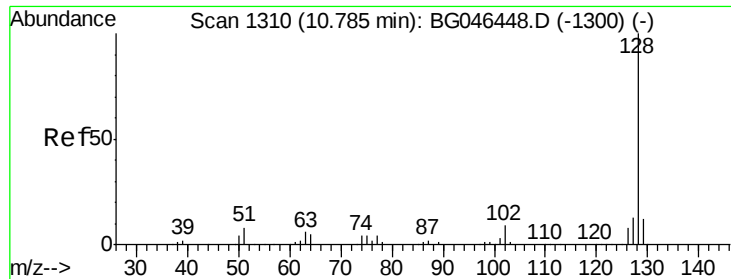
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

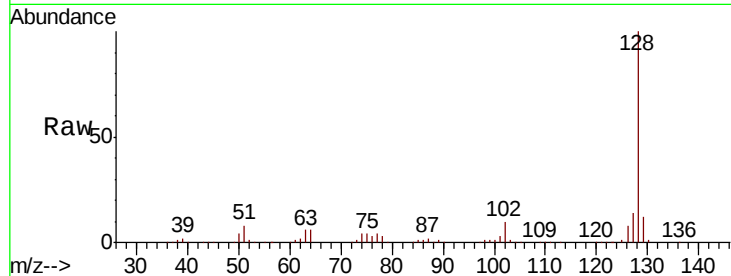




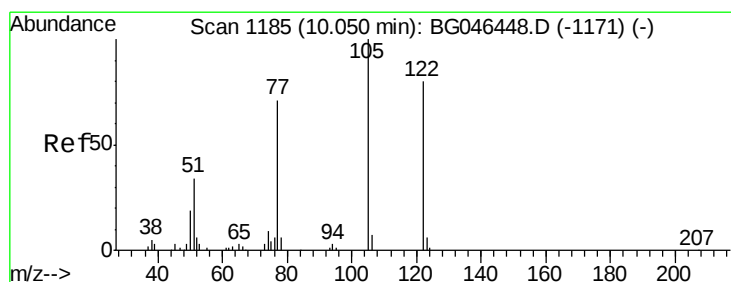
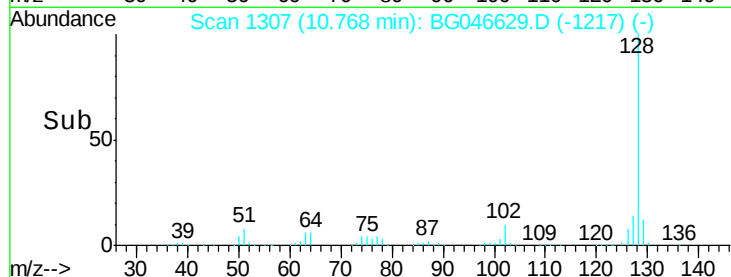
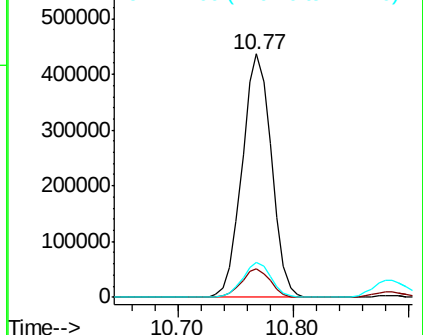
#31
Naphthalene
Concen: 47.776 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

Tot Ion:128 Resp: 768427
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 14.4 10.7 16.1

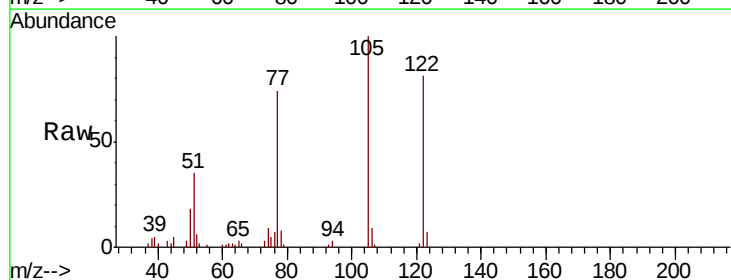


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

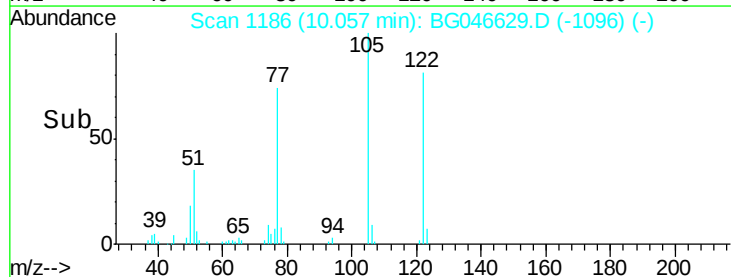
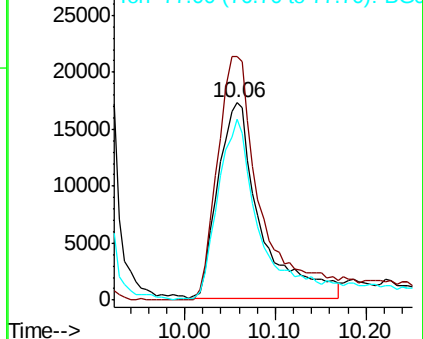


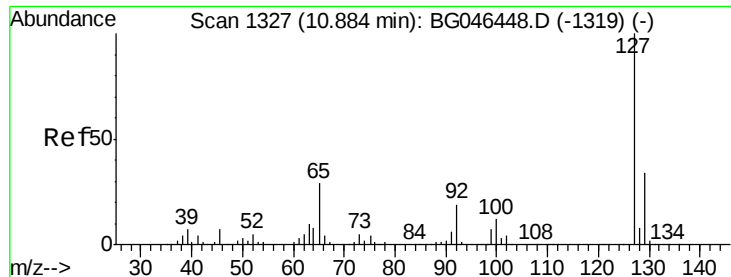
#32
Benzoic acid
Concen: 23.599 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:122 Resp: 55964
Ion Ratio Lower Upper
122 100
105 123.4 102.5 142.5
77 91.6 68.2 108.2



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

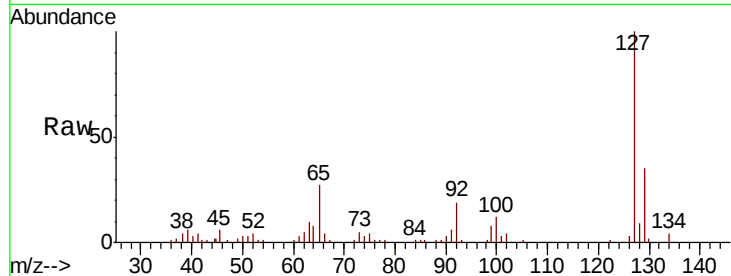




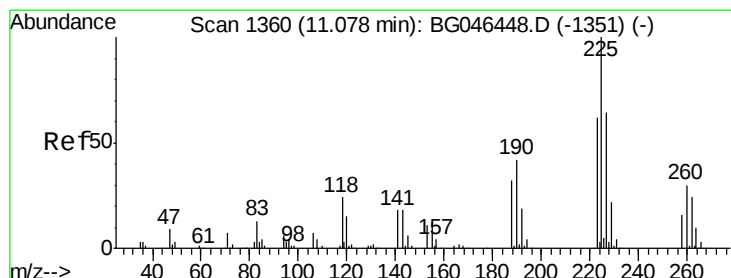
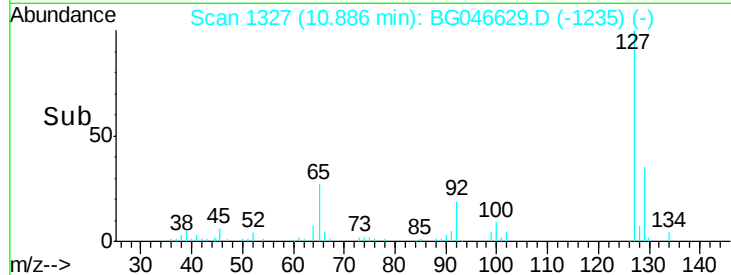
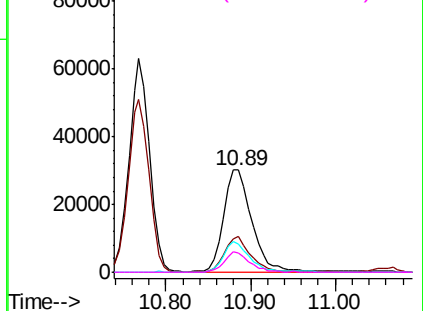
#33
4-Chloroaniline
Concen: 9.958 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

Tot Ion:127	Resp:	70628
Ion Ratio	Lower	Upper
127	100	
129	35.2	27.0 40.4
65	27.2	23.5 35.3
92	18.8	14.9 22.3

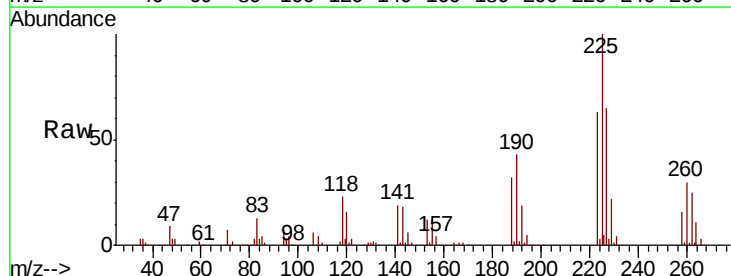


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

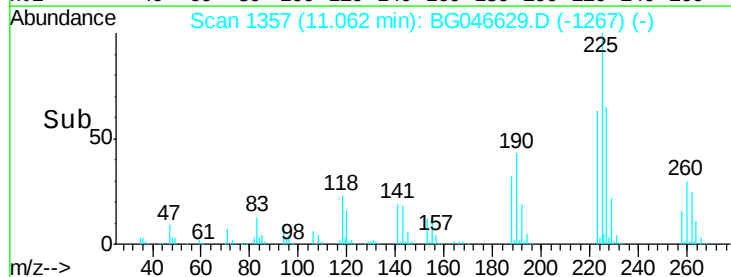
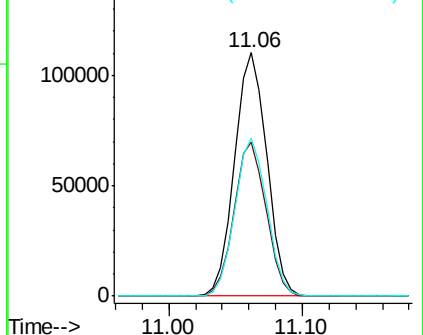


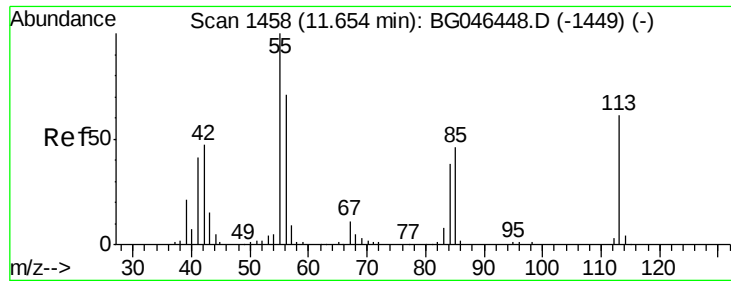
#34
Hexachlorobutadiene
Concen: 43.482 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:225	Resp:	184475
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.9 74.9
227	64.7	51.6 77.4



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: 13.937 ng

RT: 11.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

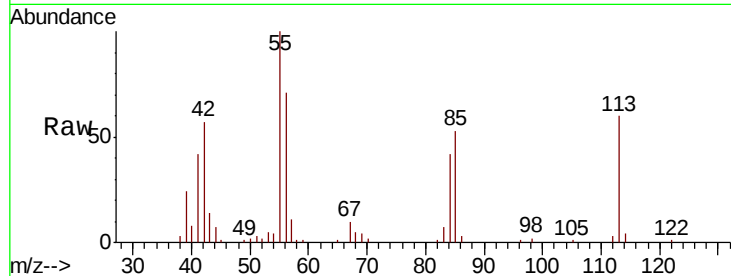
Tot Ion:113 Resp: 28696

Ion Ratio Lower Upper

113 100

55 168.0 144.2 184.2

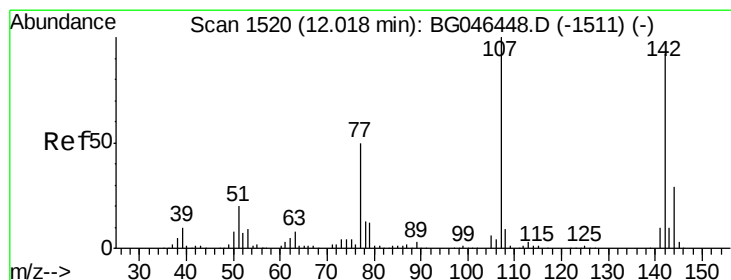
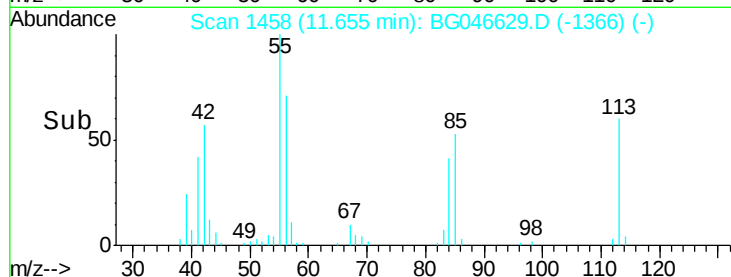
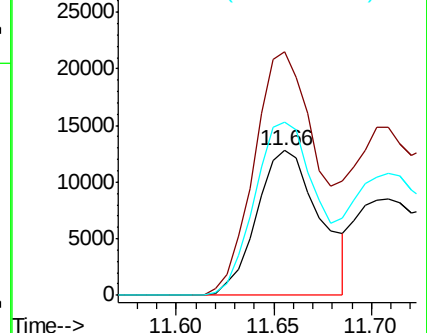
56 119.2 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.378 ng

RT: 12.01 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

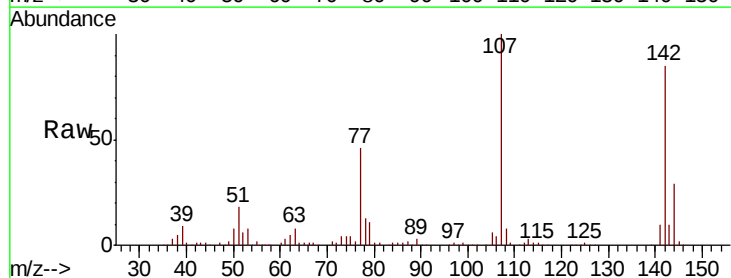
Tgt Ion:107 Resp: 266017

Ion Ratio Lower Upper

107 100

144 28.5 23.3 34.9

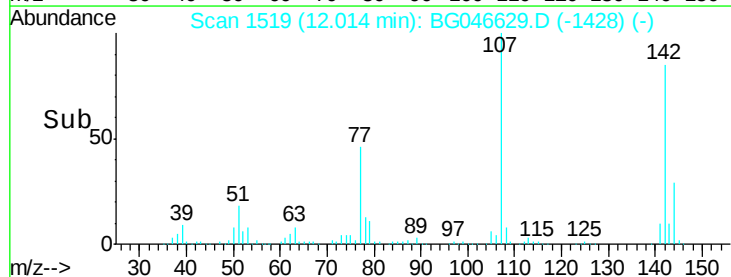
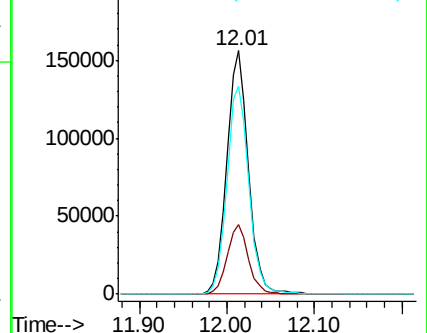
142 85.3 73.7 110.5

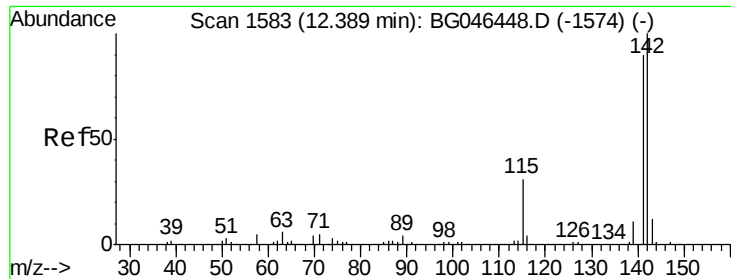


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

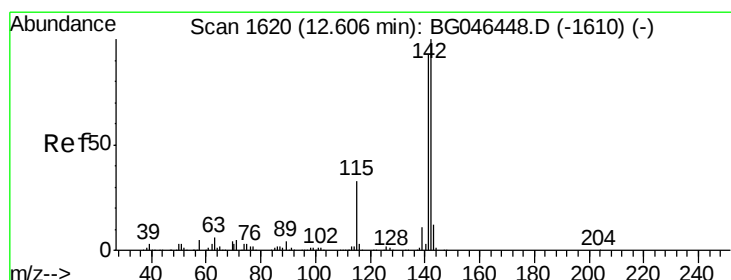
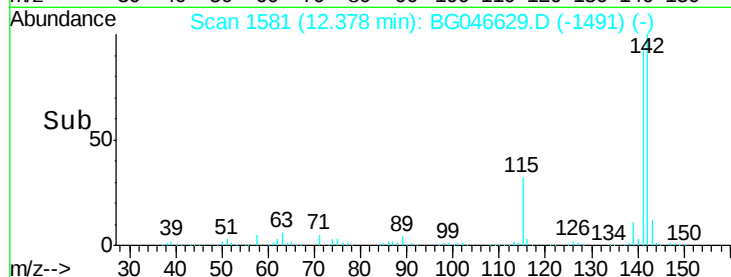
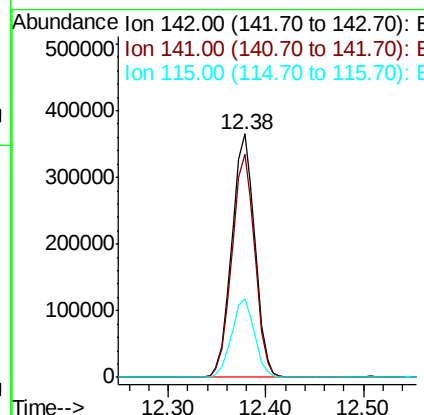
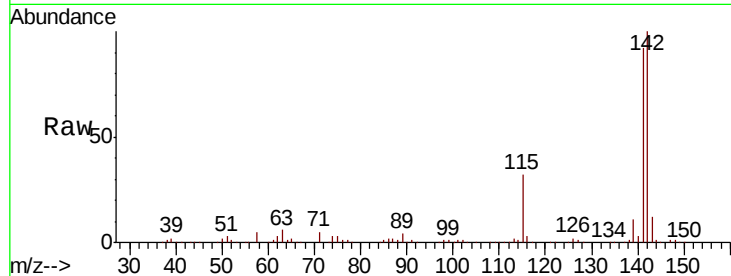




#37
2-Methylnaphthalene
Concen: 47.168 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

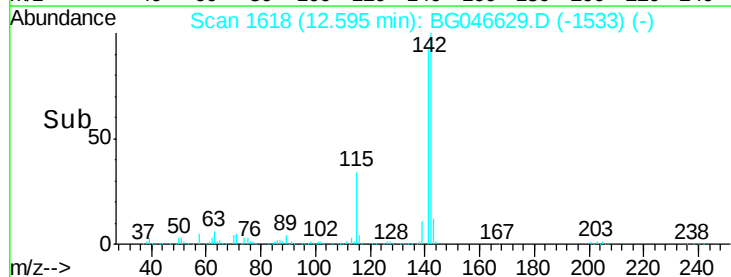
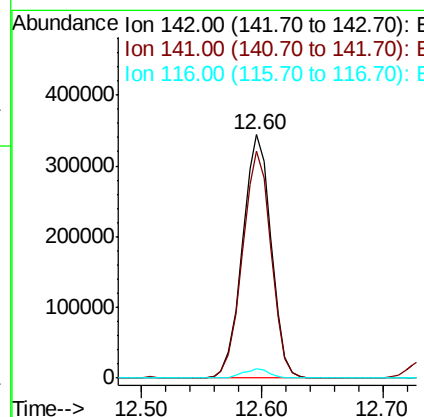
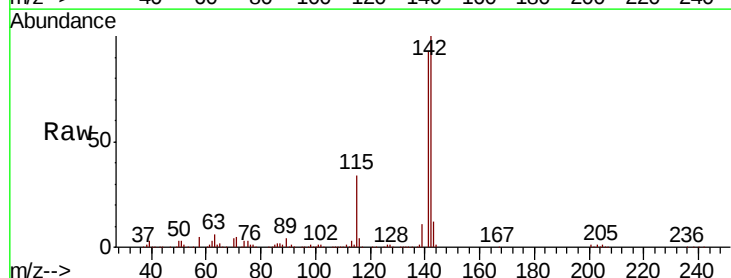
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

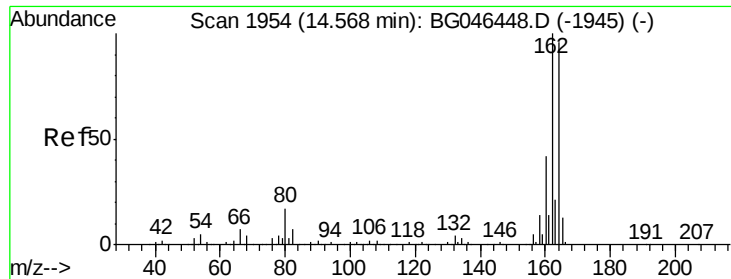
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.1	108.1
115	32.5	24.9	37.3



#38
1-Methylnaphthalene
Concen: 47.331 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.7	112.1
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

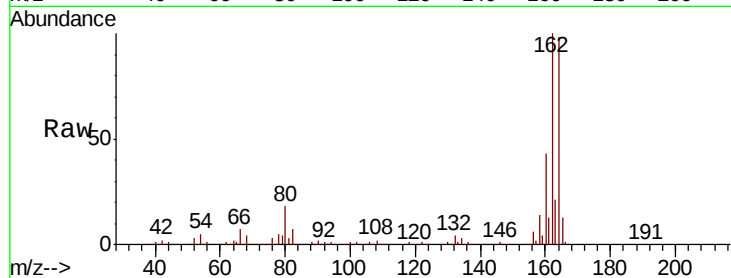
Tot Ion:164 Resp: 219867

Ion Ratio Lower Upper

164 100

162 102.1 83.3 124.9

160 44.4 35.0 52.6

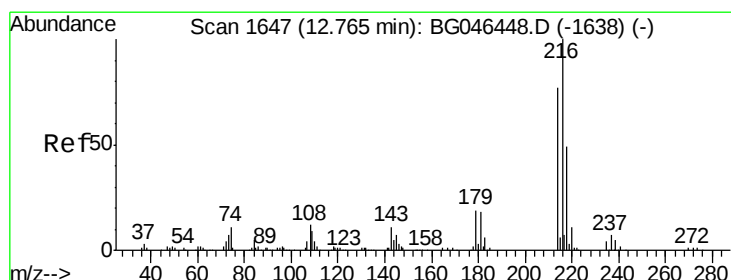
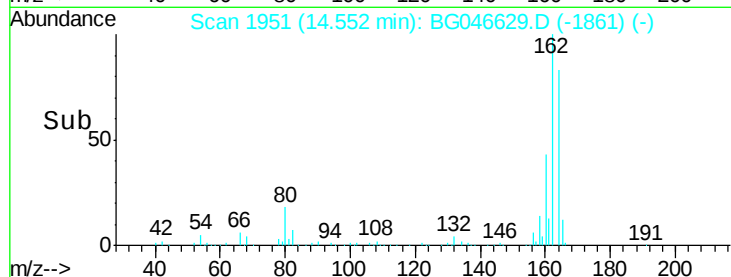
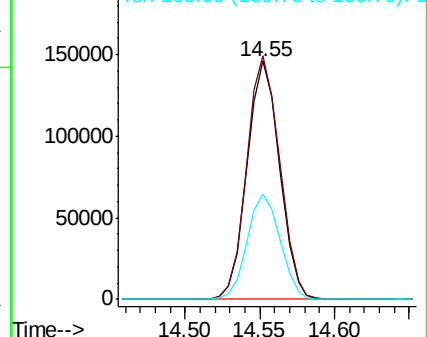


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.443 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Tgt Ion:216 Resp: 358485

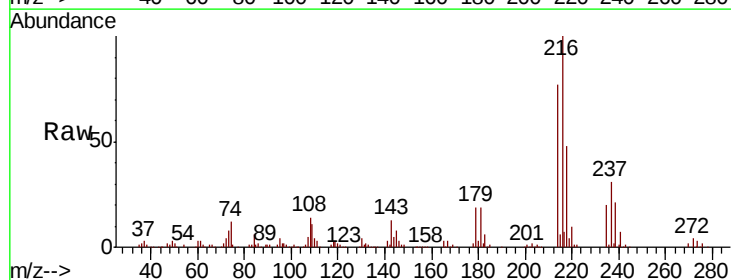
Ion Ratio Lower Upper

216 100

214 77.9 62.1 93.1

179 18.5 14.9 22.3

108 14.8 10.5 15.7



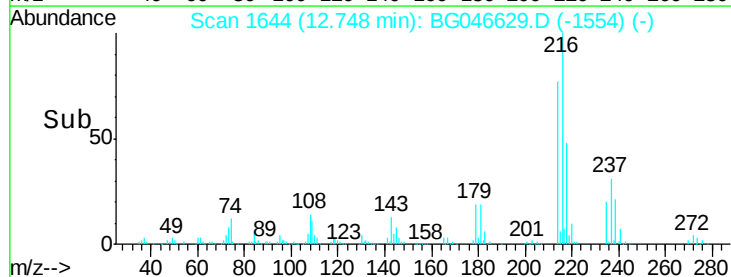
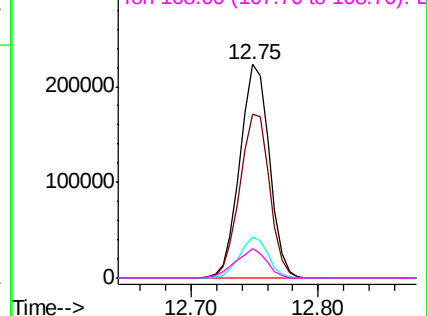
Abundance

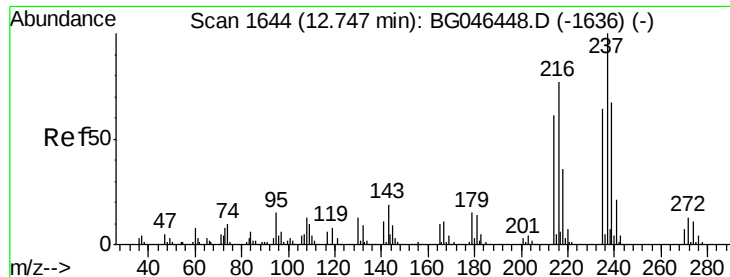
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 116.759 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

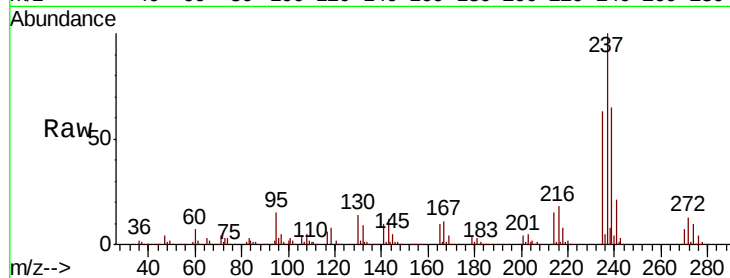
Tot Ion:237 Resp: 368099

Ion Ratio Lower Upper

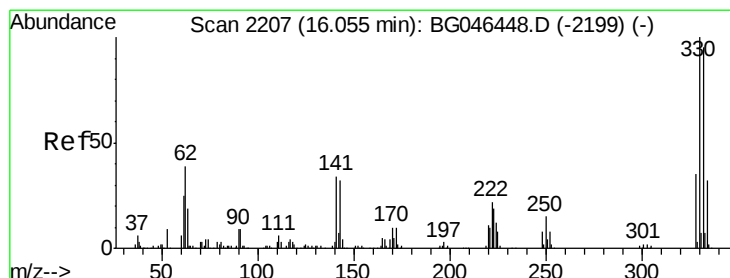
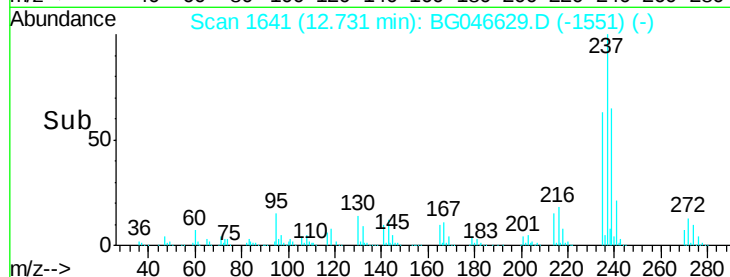
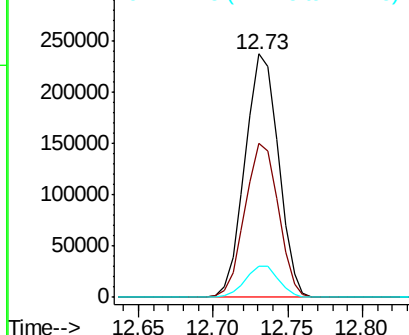
237 100

235 63.3 44.5 84.5

272 12.9 0.0 32.8



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: 102.944 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

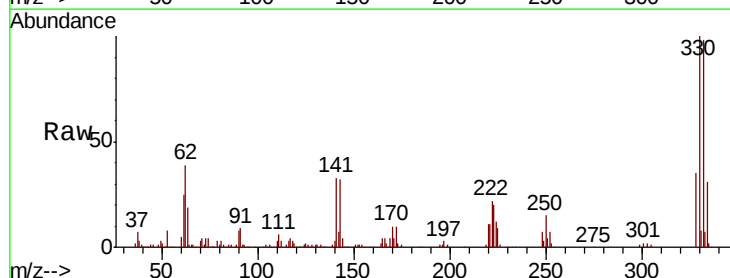
Tgt Ion:330 Resp: 306674

Ion Ratio Lower Upper

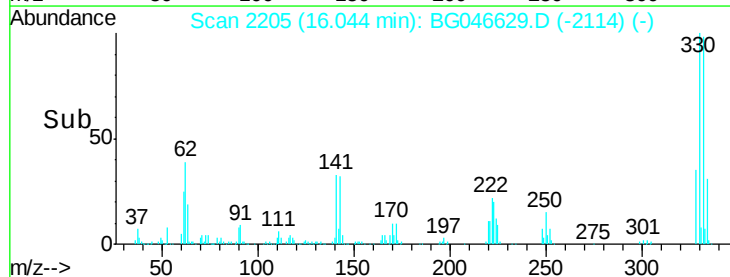
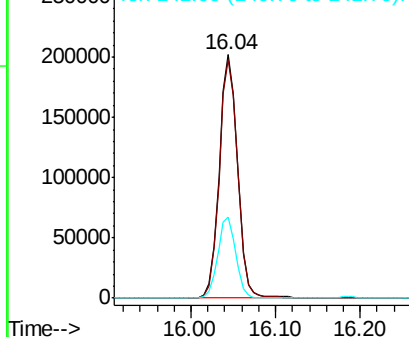
330 100

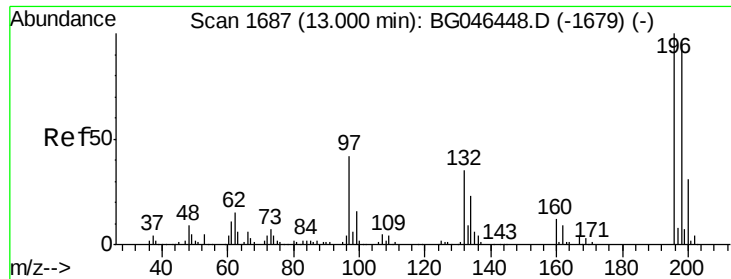
332 98.1 76.1 114.1

141 33.1 26.1 39.1



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

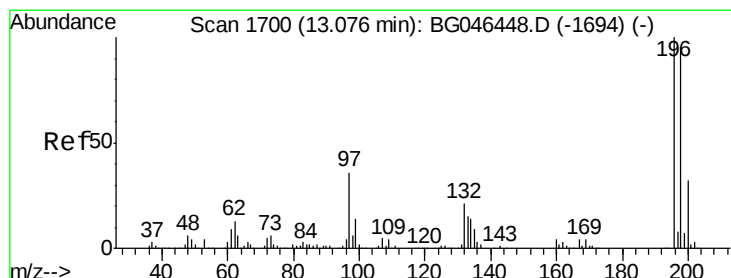
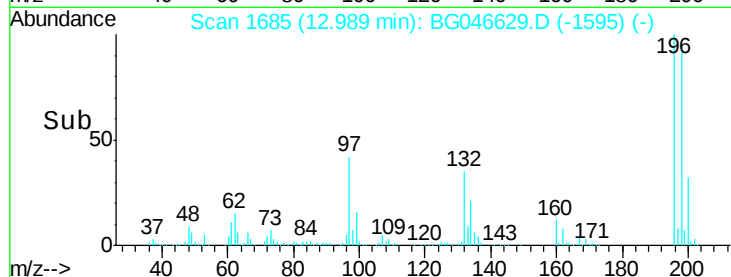
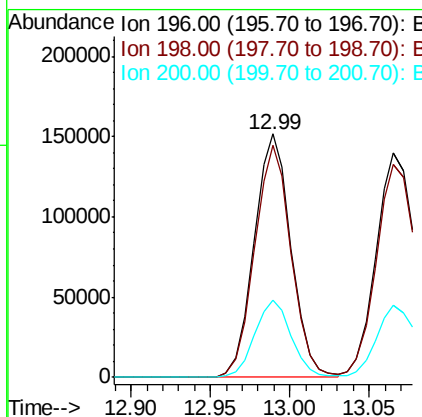
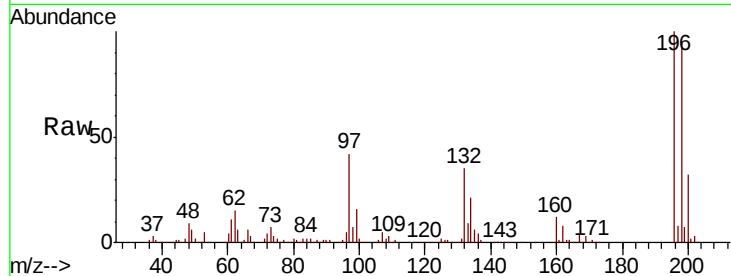




#43
 2,4,6-Trichlorophenol
 Concen: 49.875 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

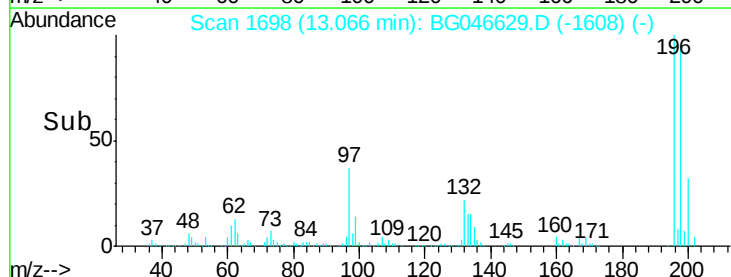
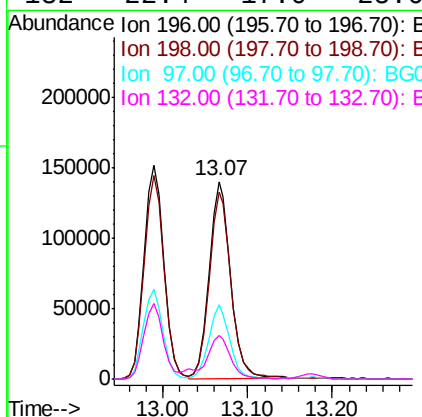
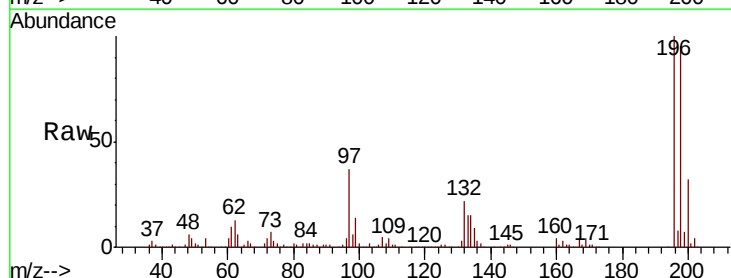
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

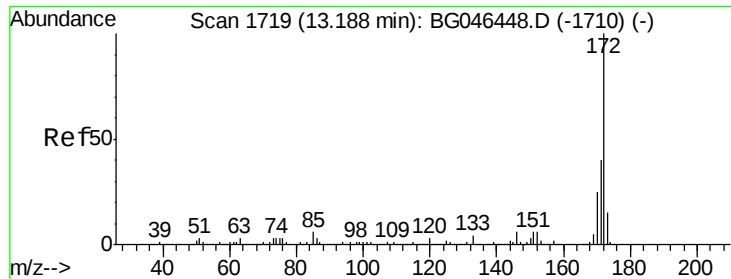
Tot Ion:196 Resp: 244030
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.0 115.6
 200 31.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 48.663 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion:196 Resp: 250160
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.6 113.4
 97 37.3 28.6 43.0
 132 22.4 17.0 25.6

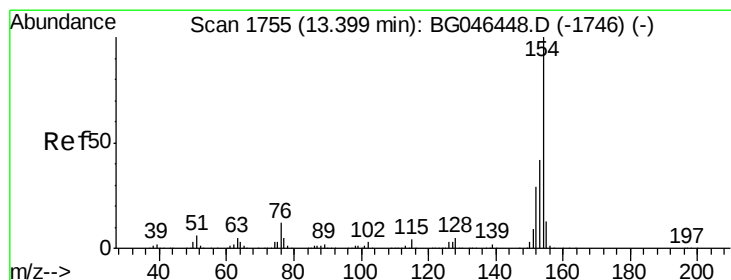
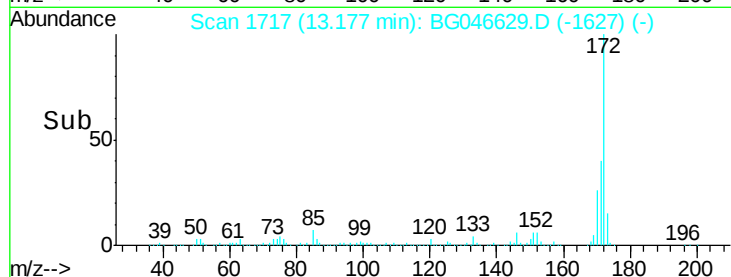
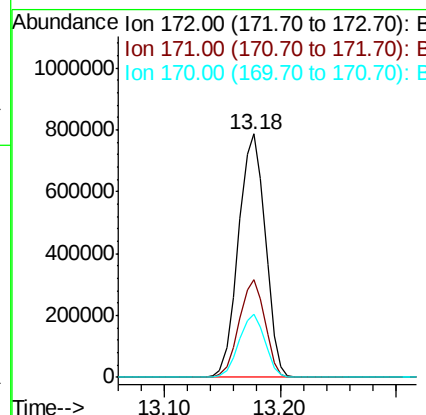
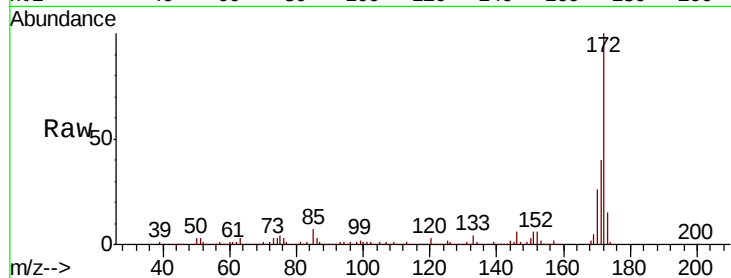




#45
 2-Fluorobiphenyl
 Concen: 87.877 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

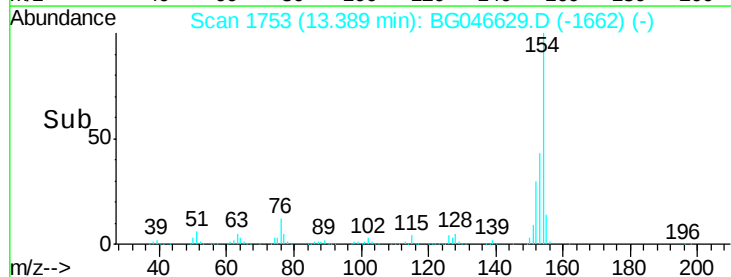
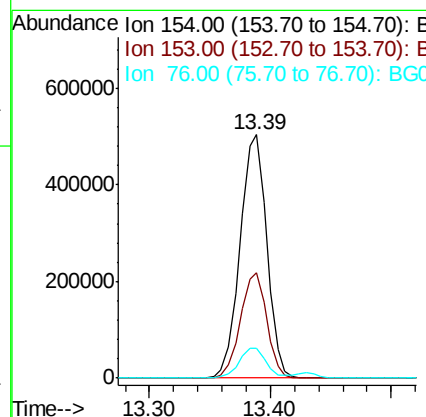
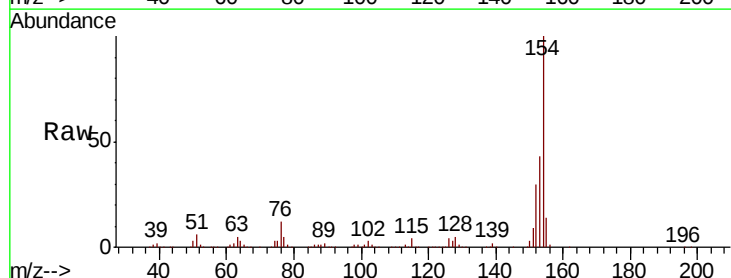
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

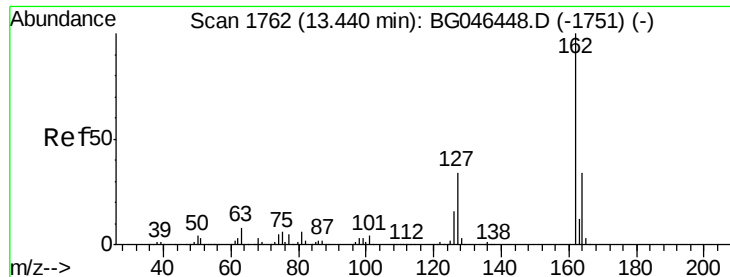
Tot Ion:172 Resp: 1265668
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.8 47.6
 170 26.1 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 50.796 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion:154 Resp: 777038
 Ion Ratio Lower Upper
 154 100
 153 43.0 22.0 62.0
 76 12.2 0.0 32.3

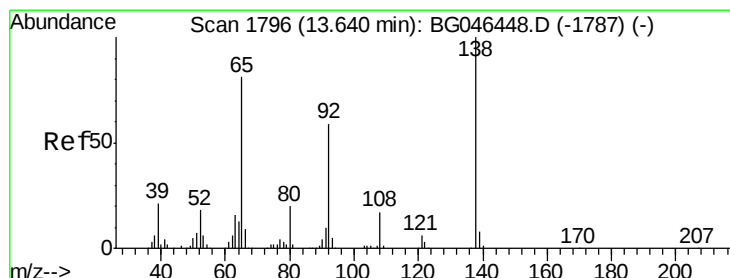
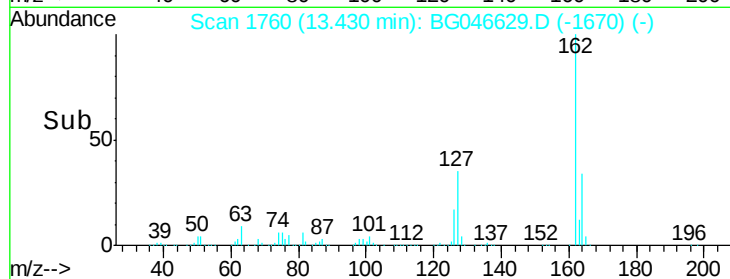
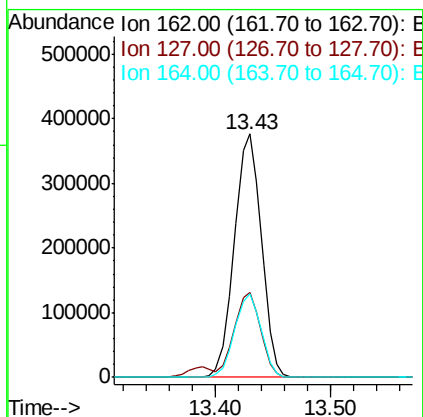
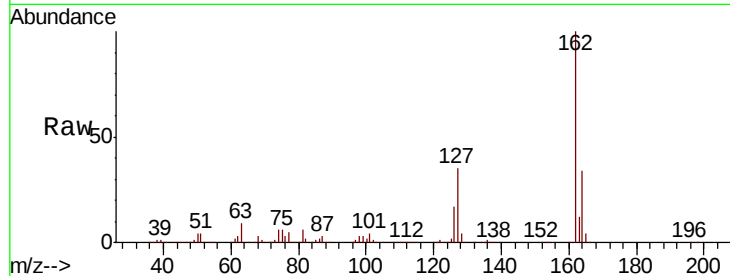




#47
2-Chloronaphthalene
Concen: 47.078 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

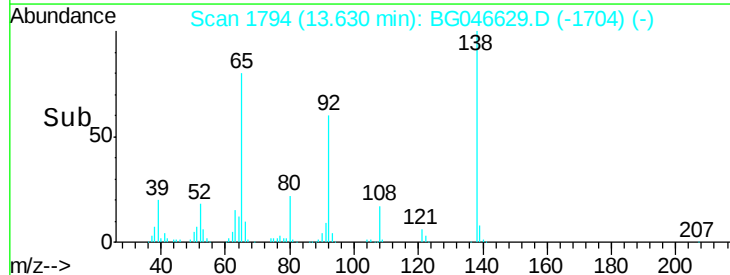
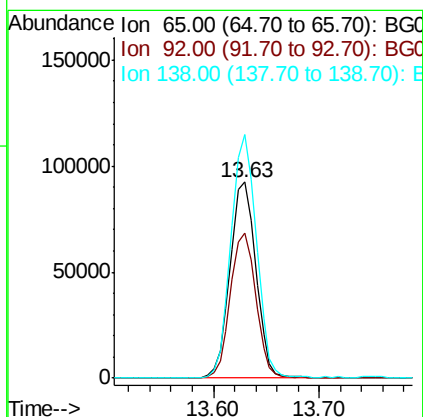
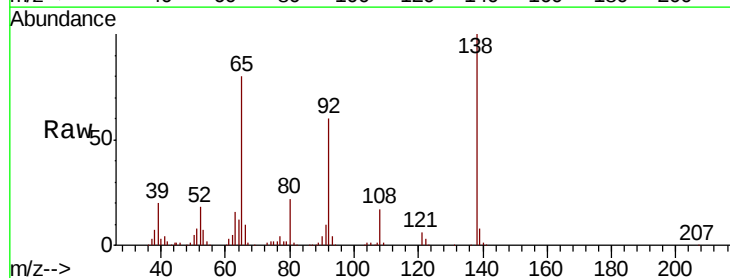
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

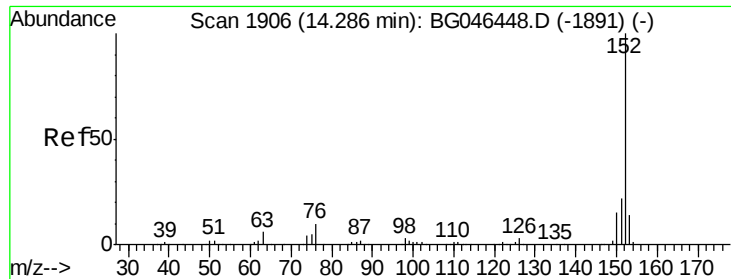
Tot Ion:162 Resp: 610593
Ion Ratio Lower Upper
162 100
127 34.8 27.6 41.4
164 34.3 27.3 40.9



#48
2-Nitroaniline
Concen: 43.674 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion: 65 Resp: 157291
Ion Ratio Lower Upper
65 100
92 74.2 58.5 87.7
138 124.3 98.4 147.6





#49

Acenaphthylene

Concen: 47.708 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

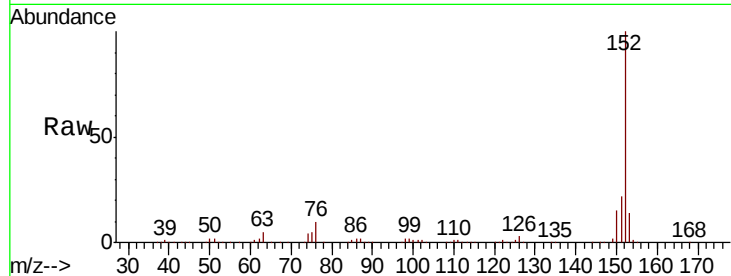
Tot Ion:152 Resp: 938608

Ion Ratio Lower Upper

152 100

151 22.0 17.7 26.5

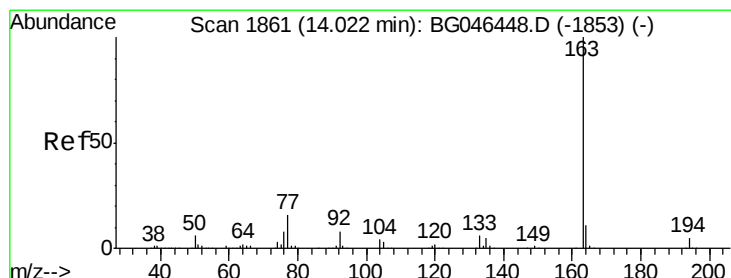
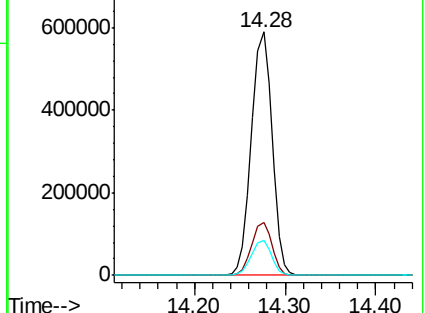
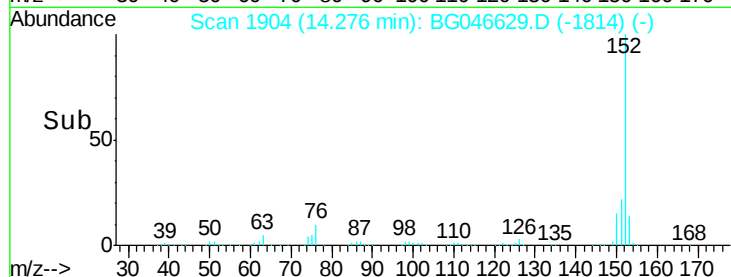
153 14.1 11.2 16.8



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



#50

Dimethylphthalate

Concen: 43.153 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

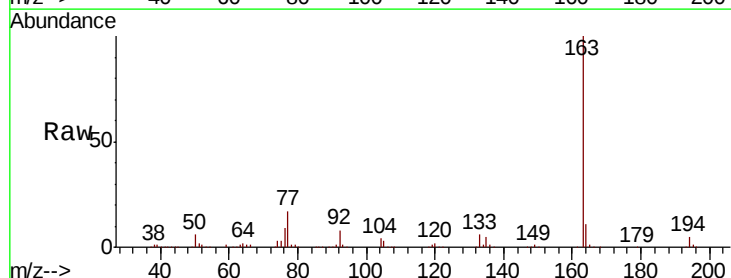
Tgt Ion:163 Resp: 734041

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

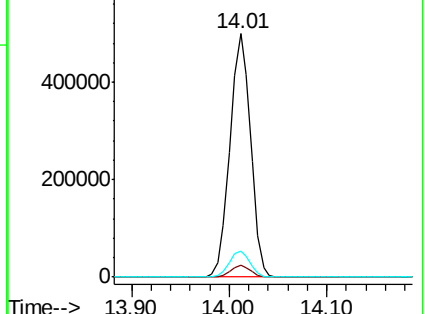
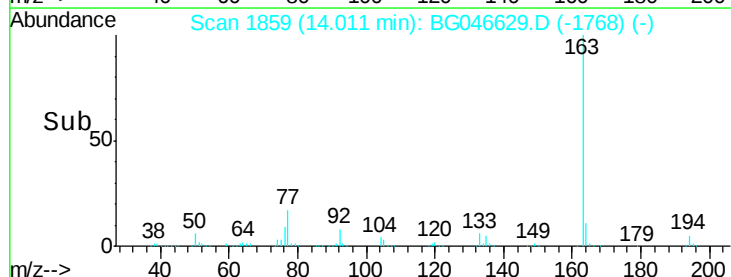
164 10.8 8.6 12.8

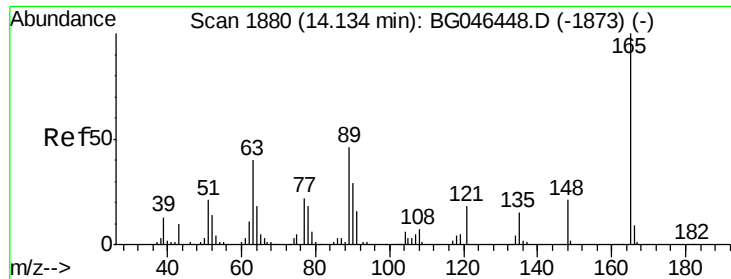


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

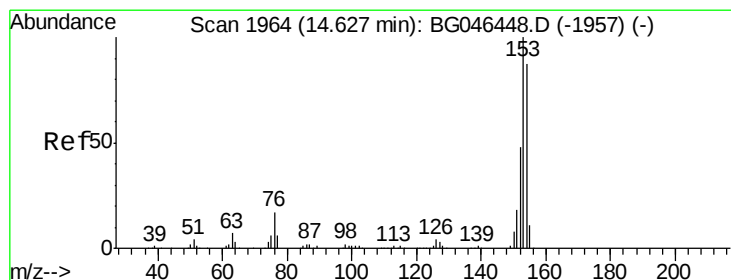
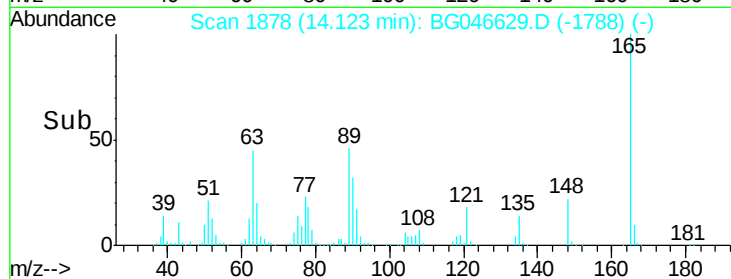
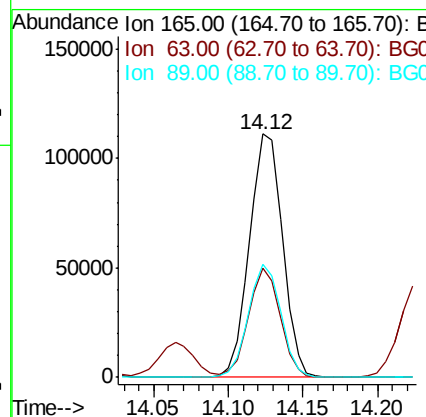
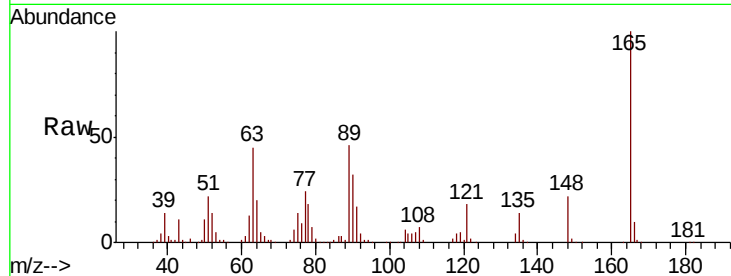




#51
 2,6-Dinitrotoluene
 Concen: 45.414 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

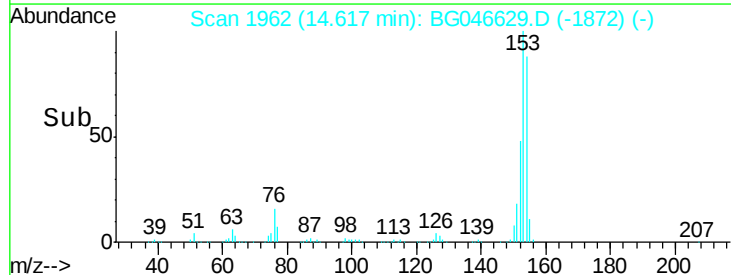
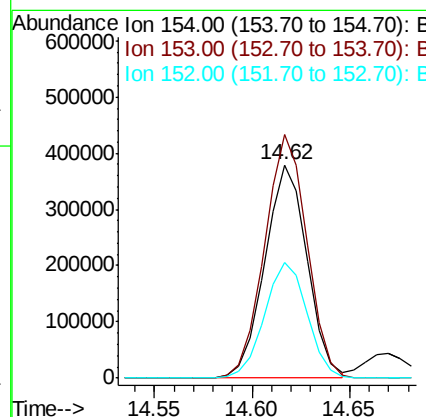
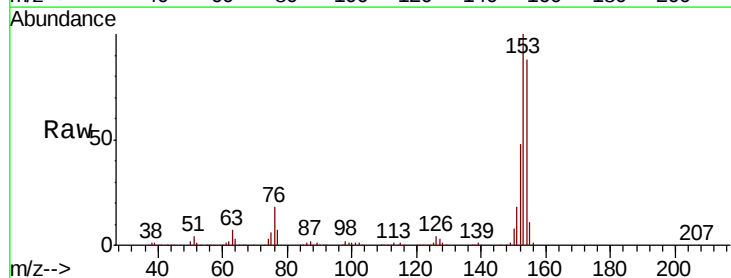
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

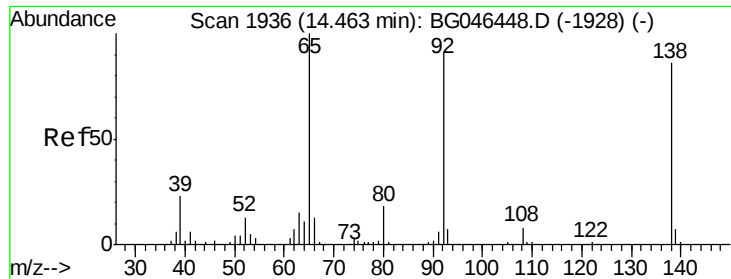
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	34.2	51.4
89	46.4	37.0	55.4



#52
 Acenaphthene
 Concen: 46.605 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.9	137.9
152	54.3	43.8	65.6





#53

3-Nitroaniline

Concen: 23.072 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

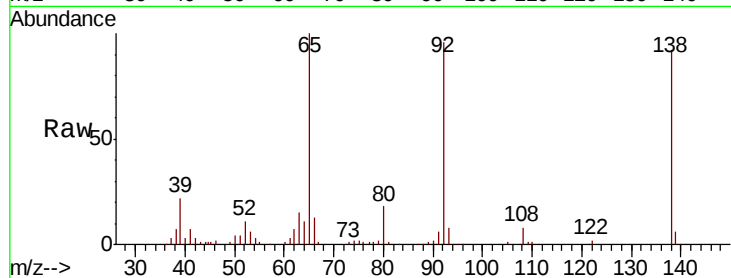
Tot Ion:138 Resp: 93711

Ion Ratio Lower Upper

138 100

108 9.2 7.0 10.6

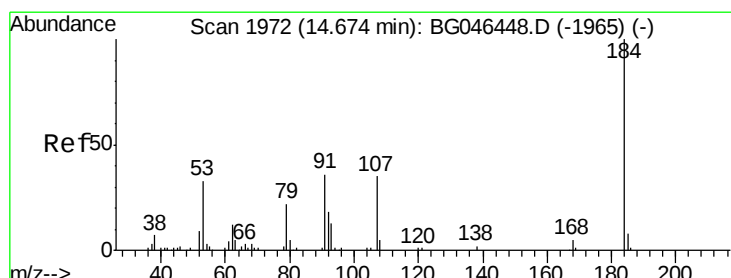
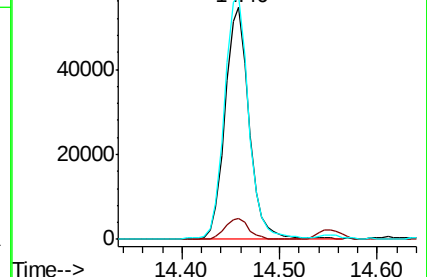
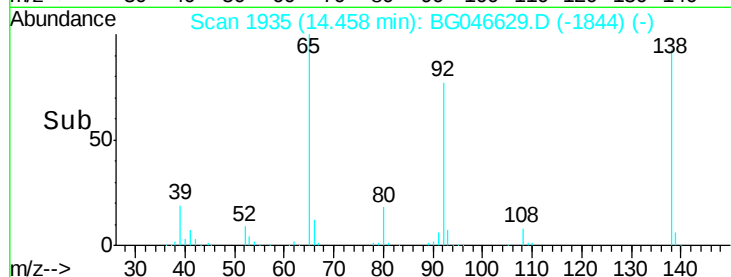
92 105.2 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

2,4-Dinitrophenol

Concen: 68.054 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

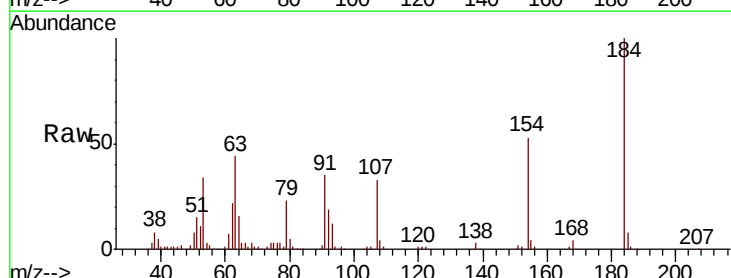
Tgt Ion:184 Resp: 148947

Ion Ratio Lower Upper

184 100

63 44.4 35.6 53.4

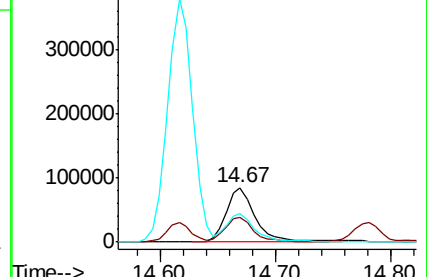
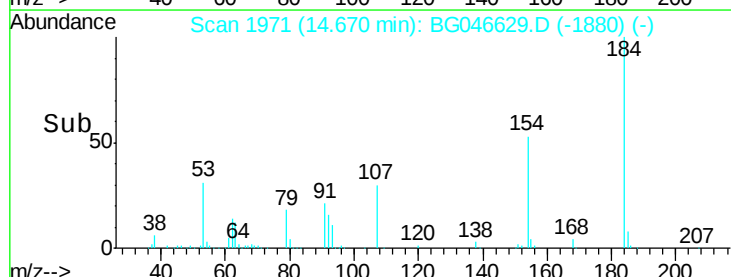
154 53.3 44.3 66.5

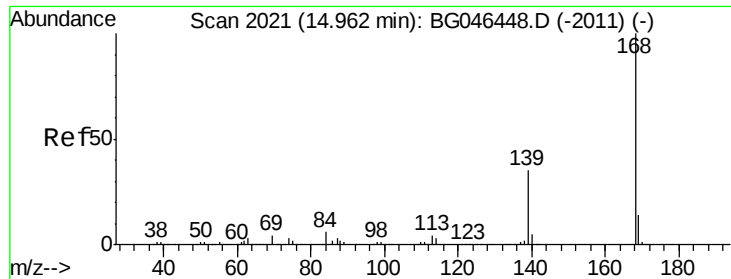


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.138 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

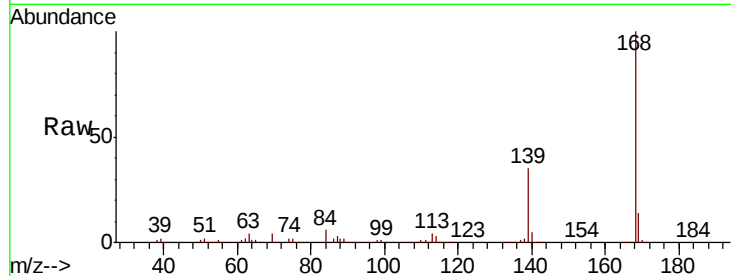
Tot Ion:168 Resp: 902719

Ion Ratio Lower Upper

168 100

139 35.5 28.1 42.1

169 14.4 11.5 17.3

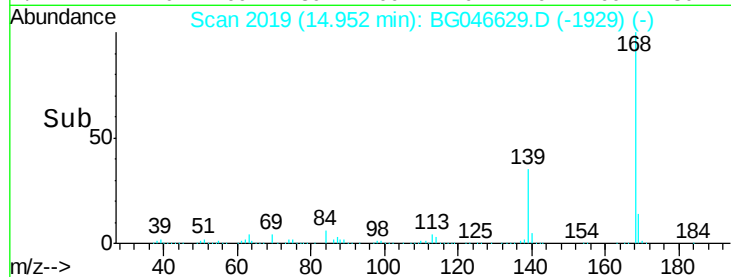


Abundance Ion 168.00 (167.70 to 168.70): E

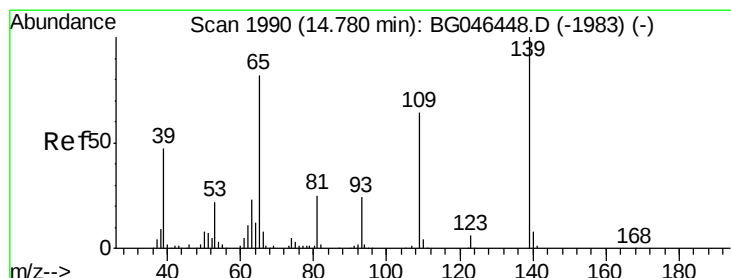
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



Time-->



#56

4-Nitrophenol

Concen: 74.130 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

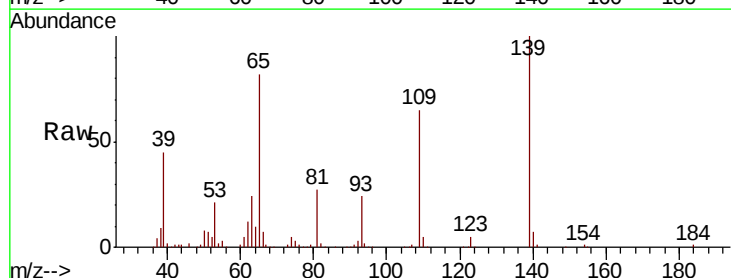
Tgt Ion:139 Resp: 221585

Ion Ratio Lower Upper

139 100

109 64.7 44.3 84.3

65 82.1 61.5 101.5

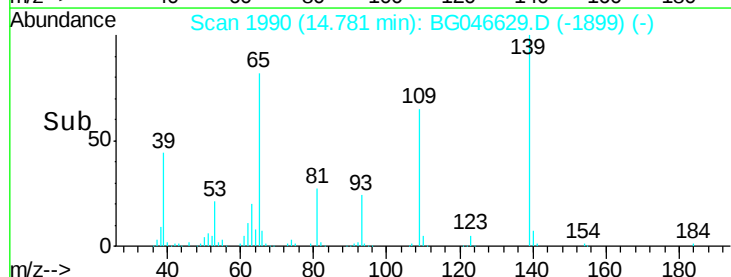


Abundance Ion 139.00 (138.70 to 139.70): E

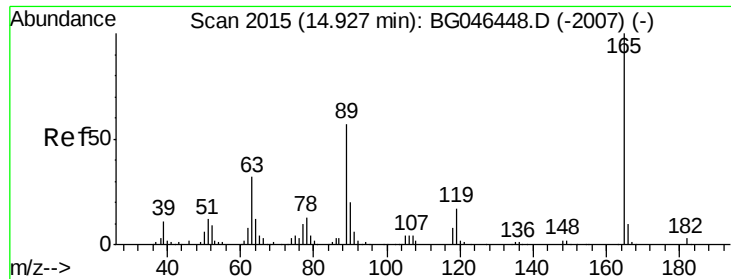
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

Time-->



Time-->



#57

2,4-Dinitrotoluene

Concen: 42.509 ng

RT: 14.92 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

Tot Ion:165 Resp: 227271

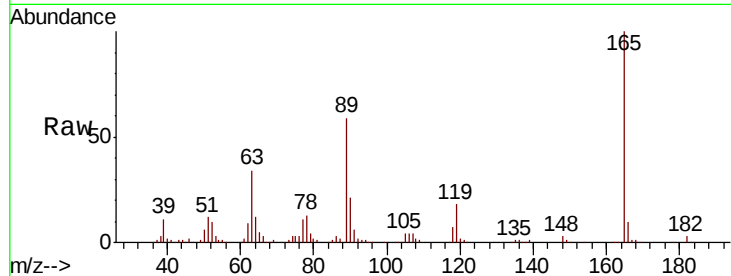
Ion Ratio Lower Upper

165 100

63 33.9 25.4 38.0

89 58.6 45.9 68.9

182 3.2 2.3 3.5

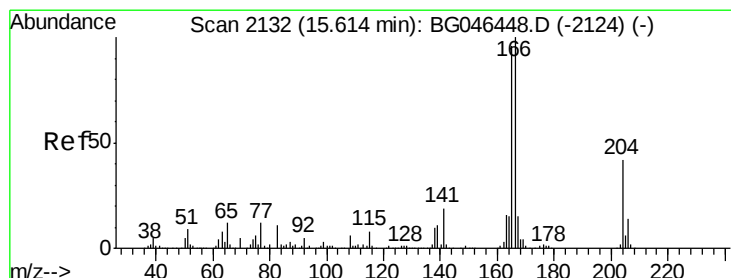
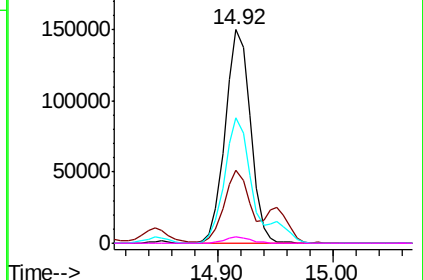
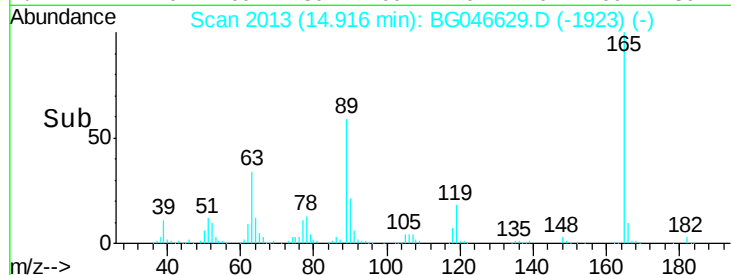


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.363 ng

RT: 15.60 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

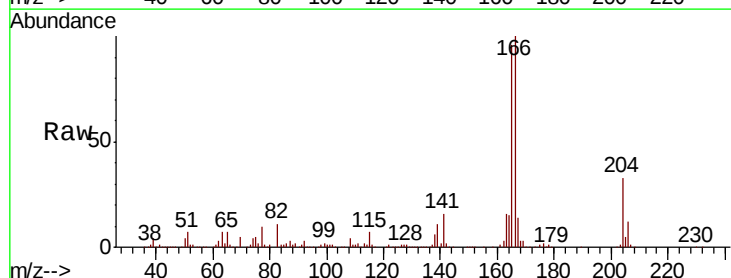
Tgt Ion:166 Resp: 728508

Ion Ratio Lower Upper

166 100

165 95.6 77.0 115.4

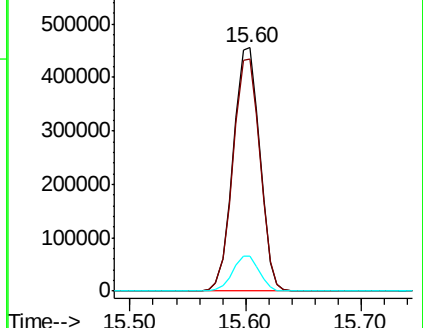
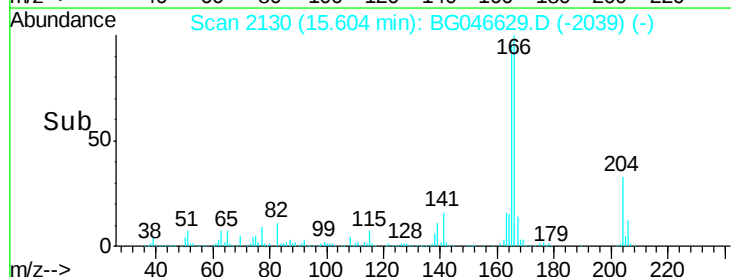
167 14.1 11.8 17.6

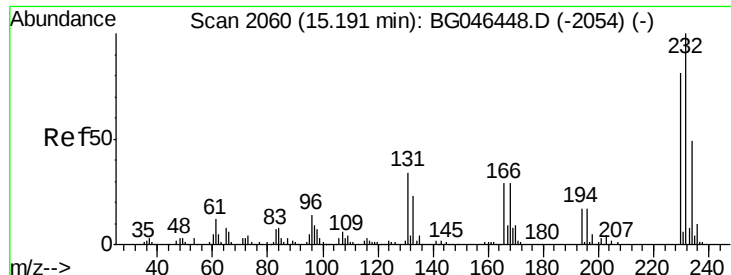


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

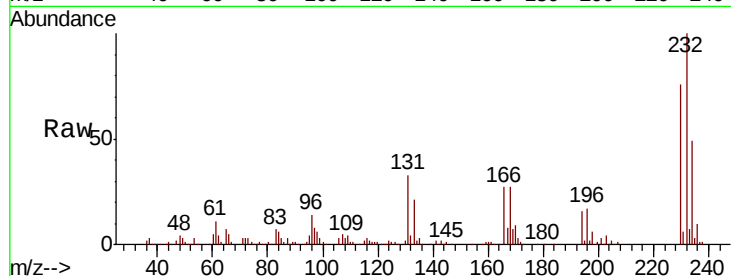




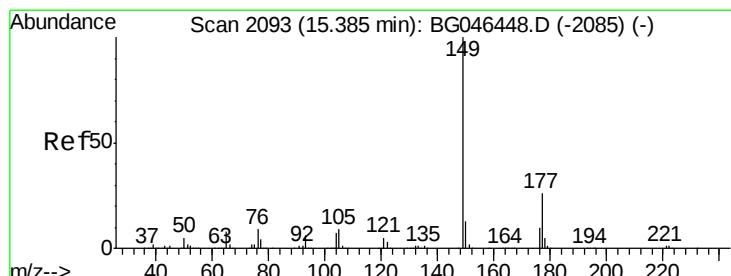
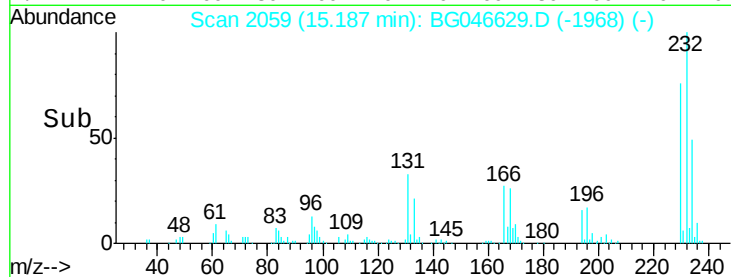
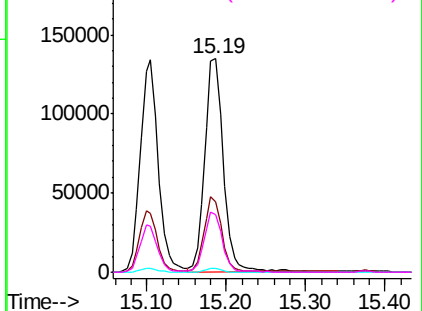
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.275 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

Tot Ion:232	Resp:	221021
Ion Ratio	Lower	Upper
232	100	
131	33.2	26.8 40.2
130	1.9	1.4 2.2
166	27.3	22.8 34.2

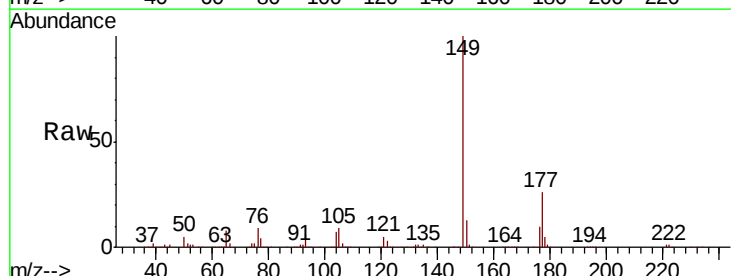


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

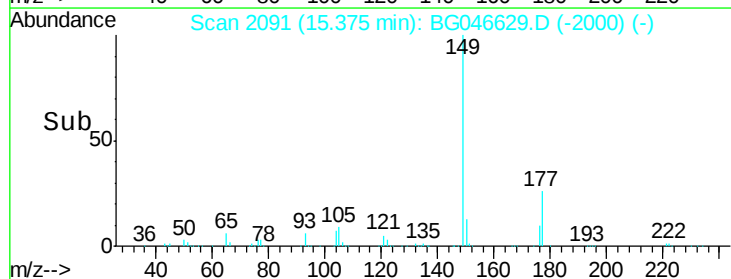
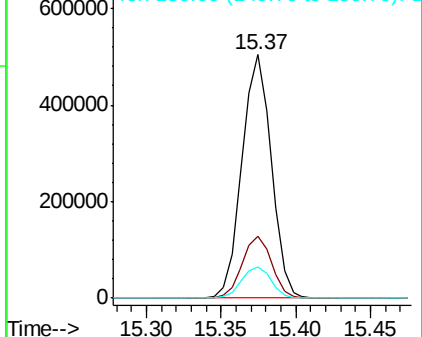


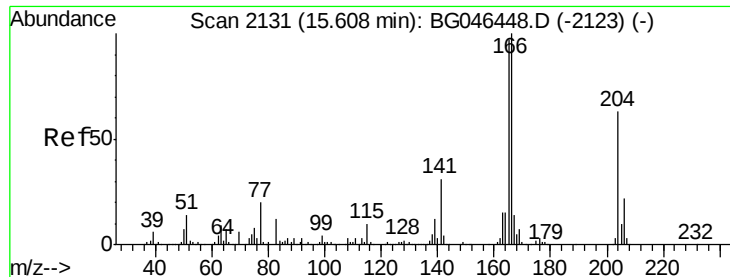
#60
 Diethylphthalate
 Concen: 41.226 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion:149	Resp:	683718
Ion Ratio	Lower	Upper
149	100	
177	25.6	20.6 30.8
150	13.0	10.3 15.5



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

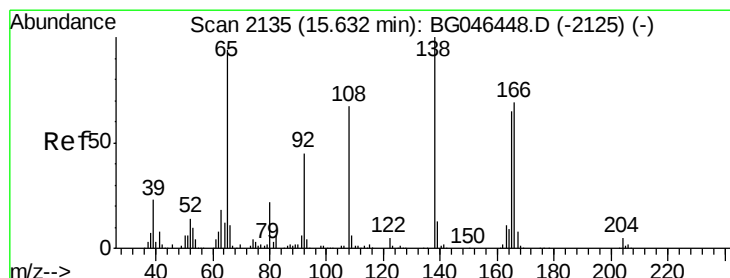
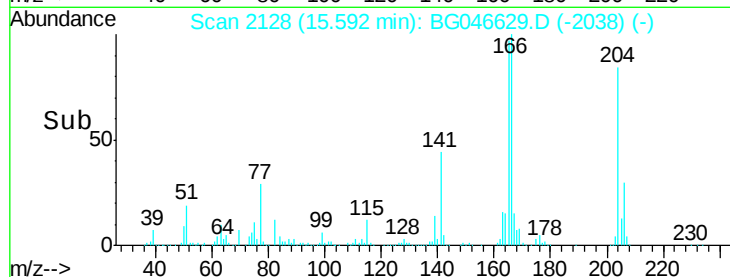
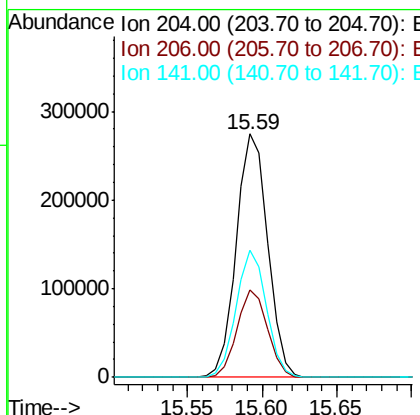
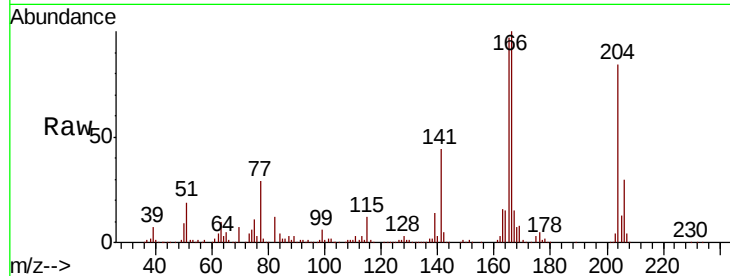




#61
4-Chlorophenyl-phenylether
Concen: 44.251 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

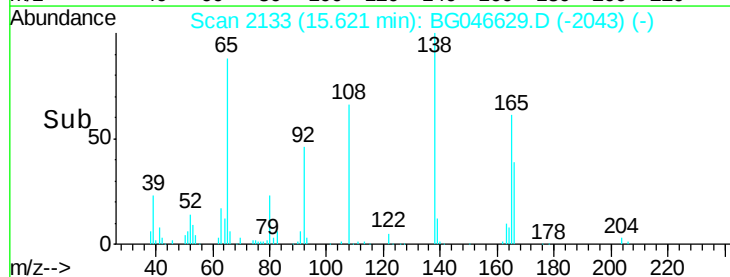
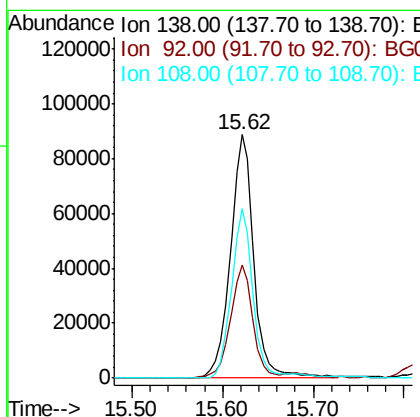
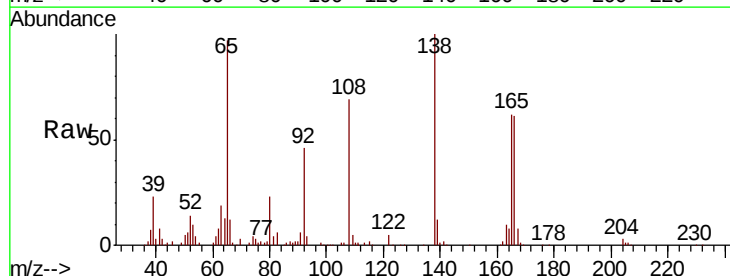
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

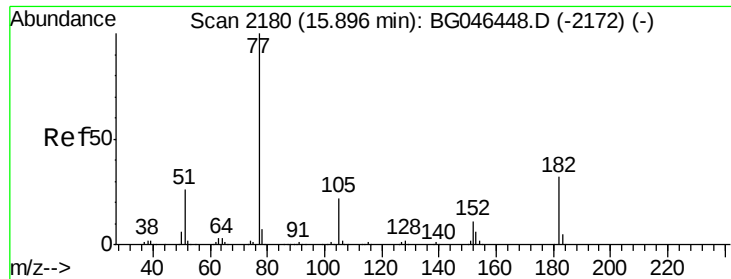
Tot Ion:204 Resp: 400203
Ion Ratio Lower Upper
204 100
206 35.7 27.7 41.5
141 52.3 38.7 58.1



#62
4-Nitroaniline
Concen: 37.268 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:138 Resp: 159717
Ion Ratio Lower Upper
138 100
92 46.3 25.3 65.3
108 69.3 46.7 86.7

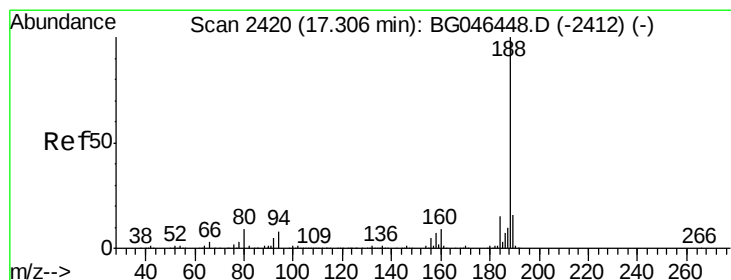
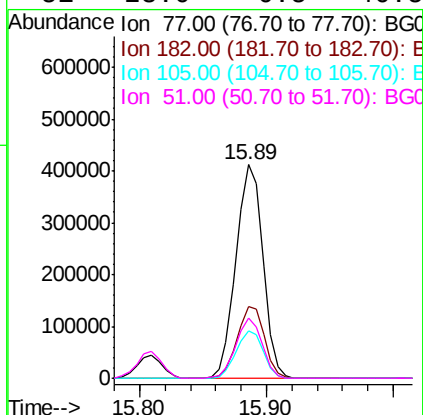
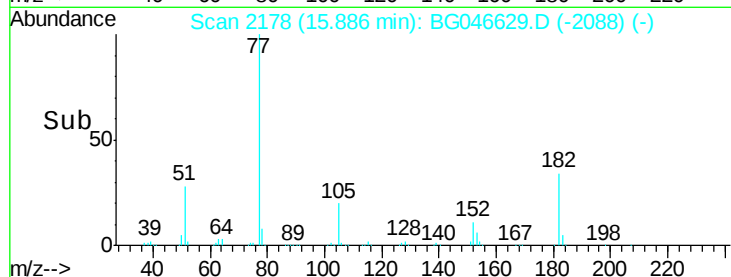
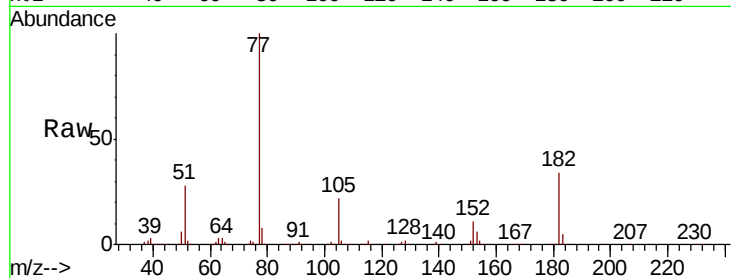




#63
Azobenzene
Concen: 44.745 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

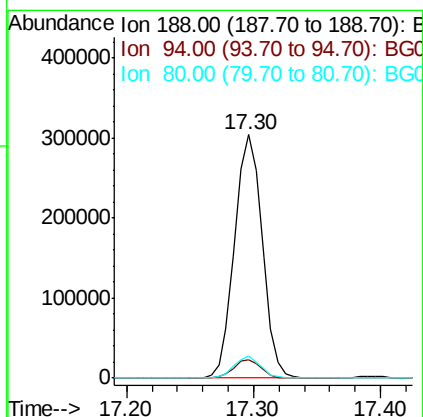
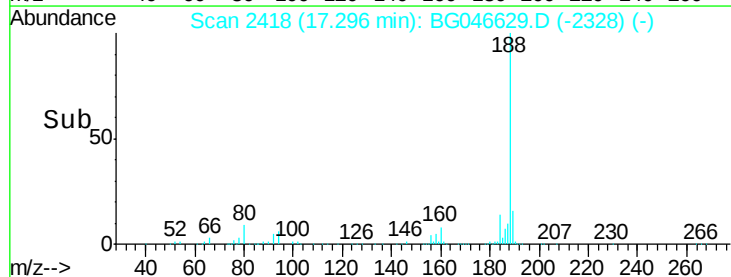
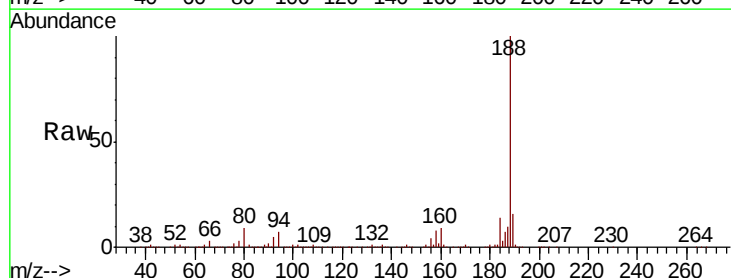
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

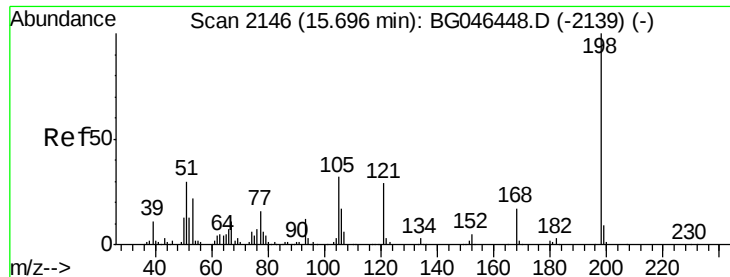
Tot Ion:	77	Resp:	603645
Ion	Ratio	Lower	Upper
77	100		
182	33.8	12.3	52.3
105	22.3	2.3	42.3
51	28.0	6.5	46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:	188	Resp:	459169
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.3	9.5
80	8.9	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 50.168 ng

RT: 15.69 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

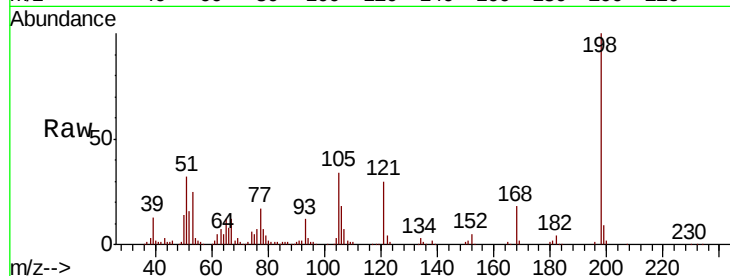
Tot Ion:198 Resp: 130384

Ion Ratio Lower Upper

198 100

51 32.2 10.4 50.4

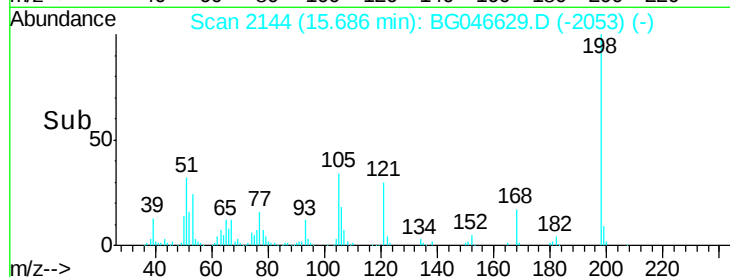
105 34.4 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

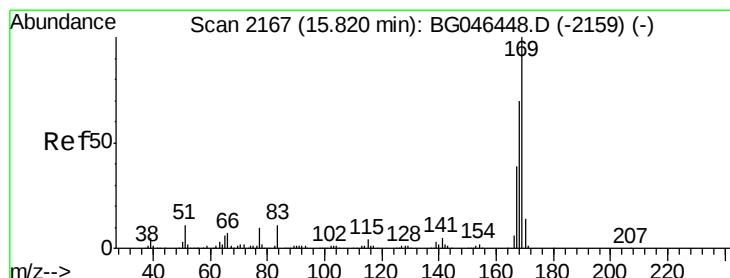
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->

15.69



#66

n-Nitrosodiphenylamine

Concen: 51.040 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

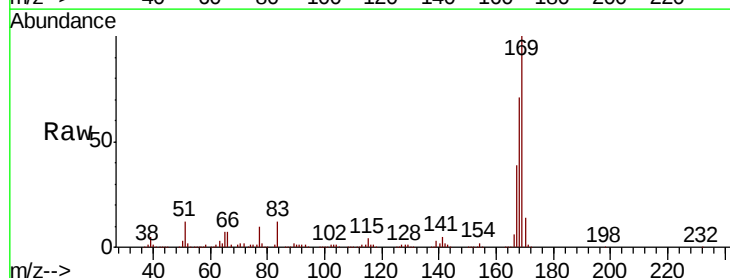
Tgt Ion:169 Resp: 632256

Ion Ratio Lower Upper

169 100

168 70.9 55.8 83.8

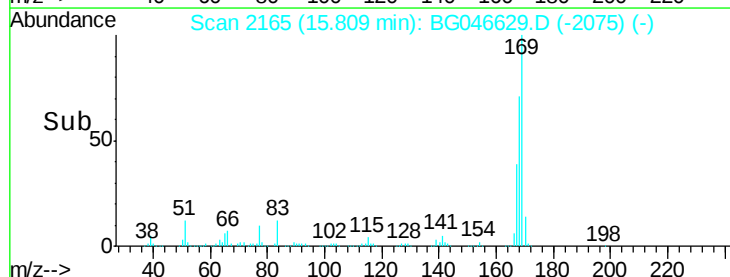
167 38.7 31.0 46.6



Abundance Ion 169.00 (168.70 to 169.70): E

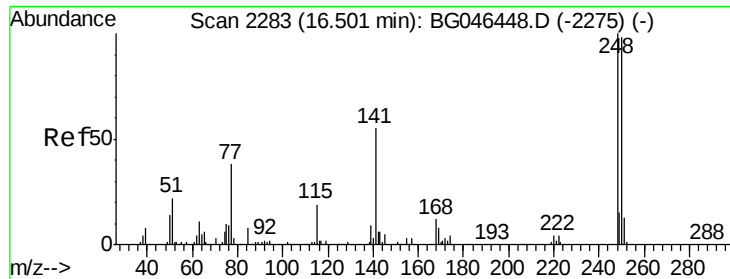
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

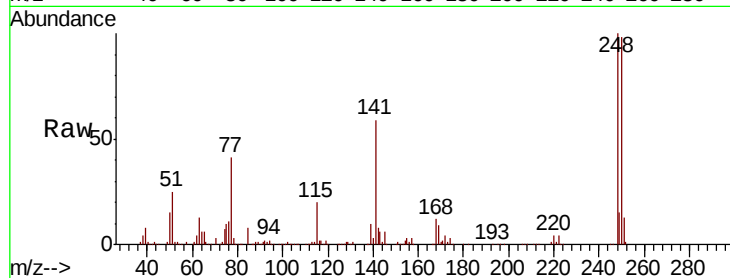
15.81



#67
4-Bromophenyl-phenylether
Concen: 50.239 ng
RT: 16.49 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	118.0
141	58.6	43.9	65.9

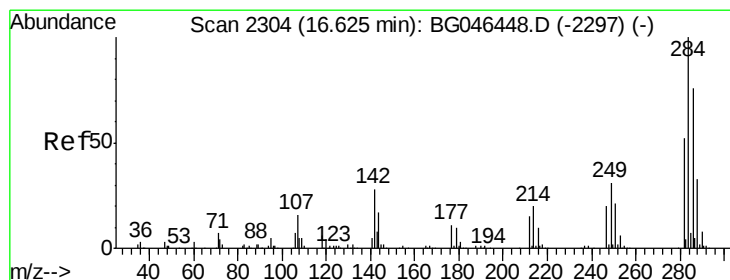
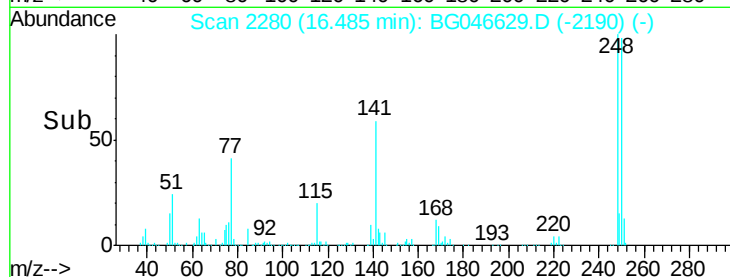
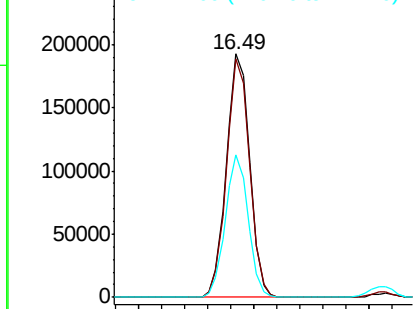


Abundance

Ion 248.00 (247.70 to 248.70): E

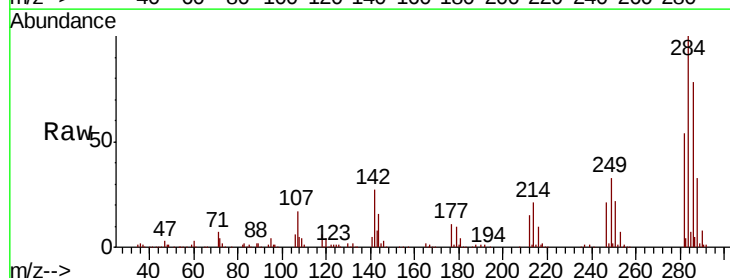
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.033 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	22.3	33.5
249	33.1	24.8	37.2

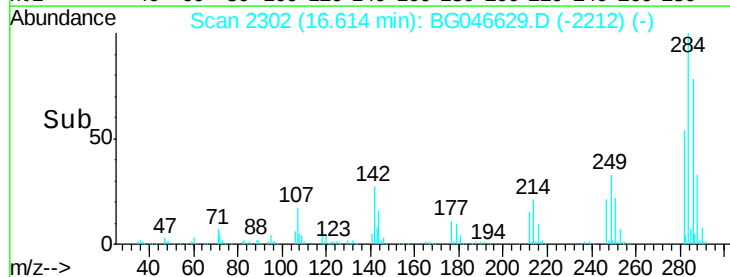
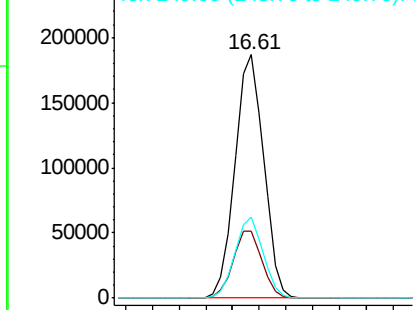


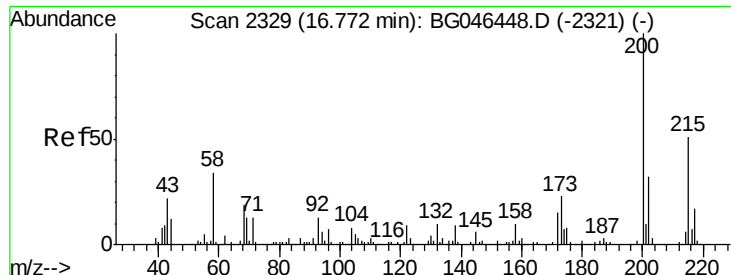
Abundance

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: 37.935 ng

RT: 16.76 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

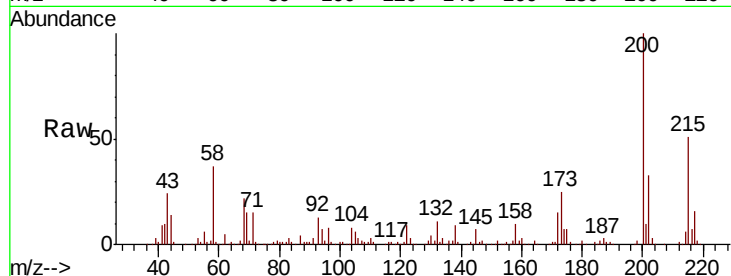
Tot Ion:200 Resp: 191705

Ion Ratio Lower Upper

200 100

173 24.7 3.3 43.3

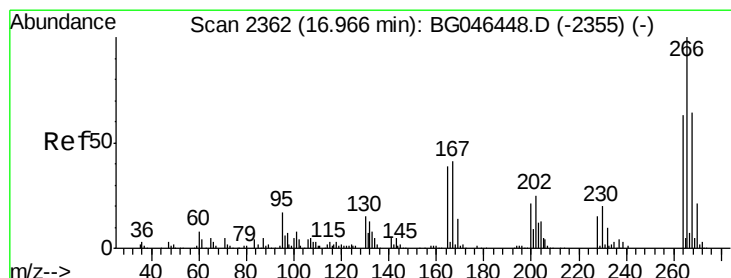
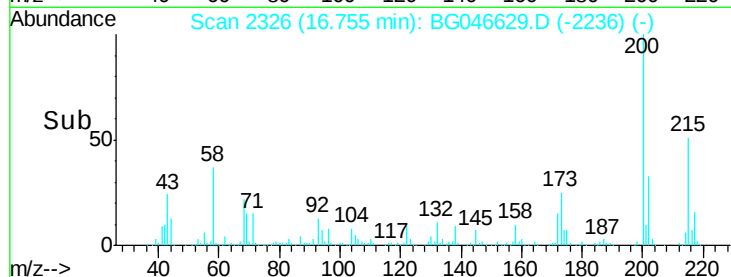
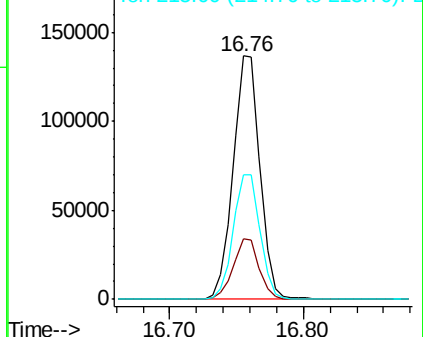
215 51.4 30.9 70.9



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: 85.056 ng

RT: 16.96 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

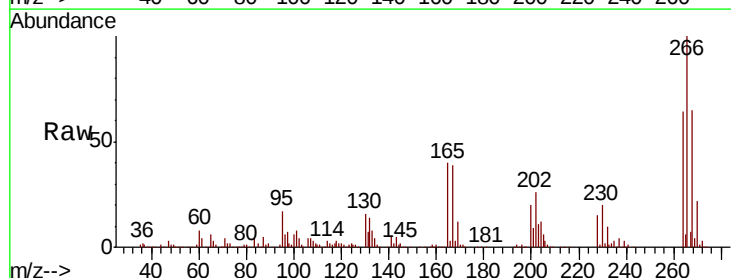
Tgt Ion:266 Resp: 263653

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

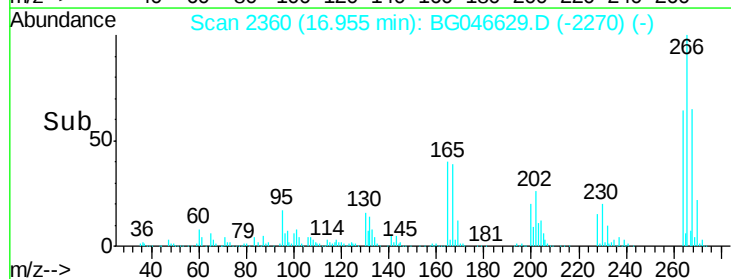
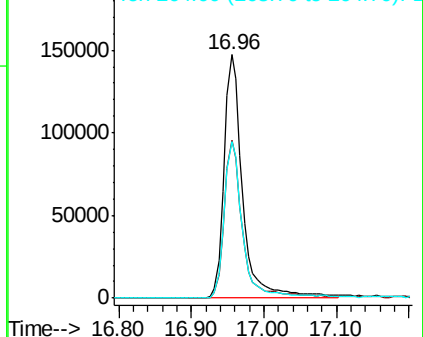
264 64.1 50.2 75.2

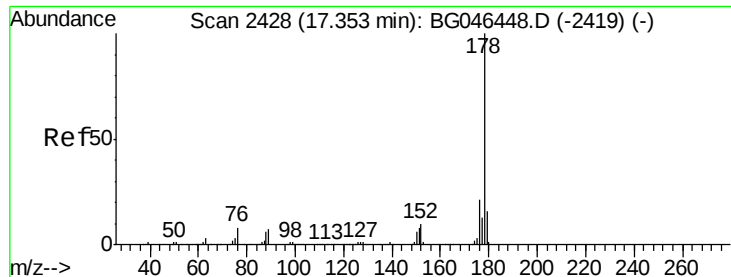


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.614 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

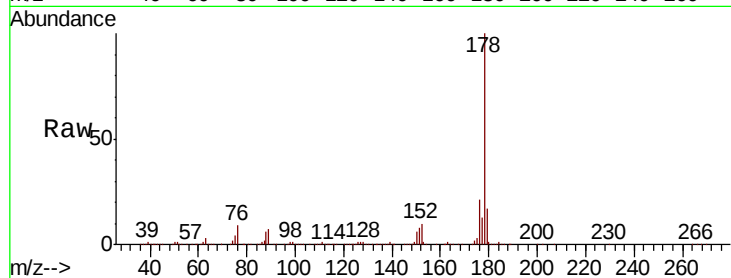
Tot Ion:178 Resp: 1108156

Ion Ratio Lower Upper

178 100

176 21.2 16.8 25.2

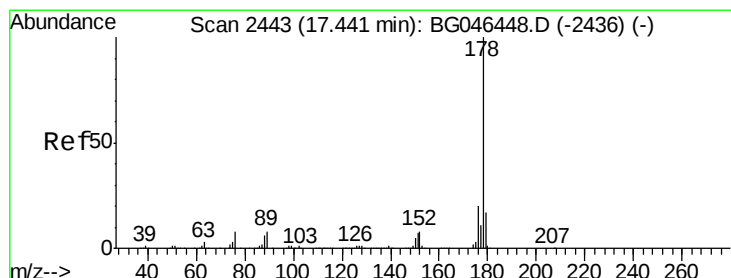
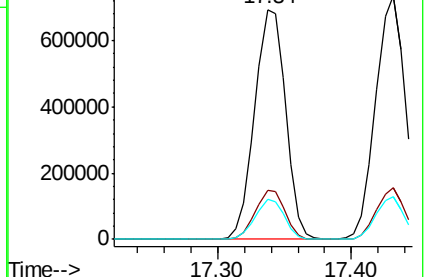
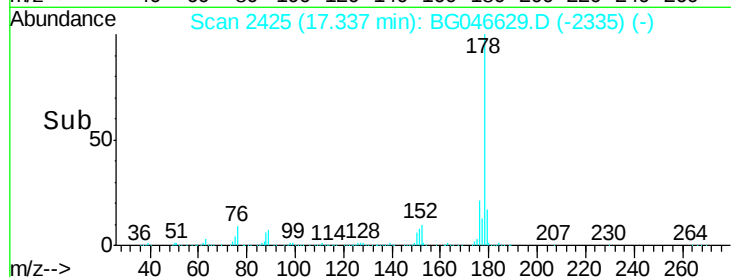
179 17.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.374 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

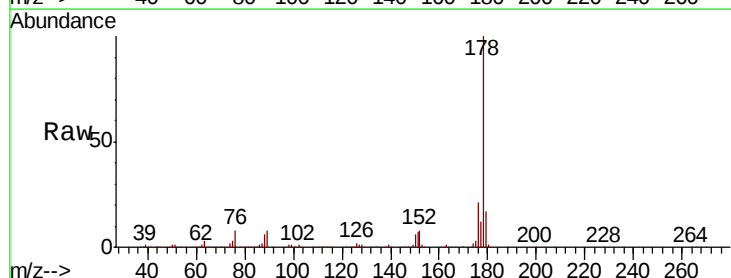
Tgt Ion:178 Resp: 1133753

Ion Ratio Lower Upper

178 100

176 21.0 16.1 24.1

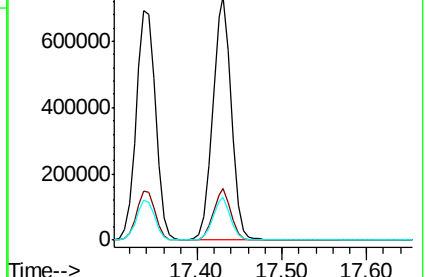
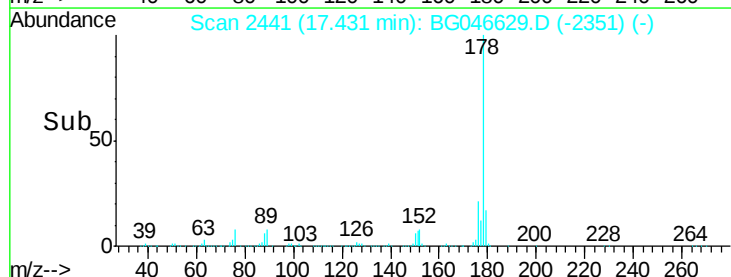
179 17.3 13.3 19.9

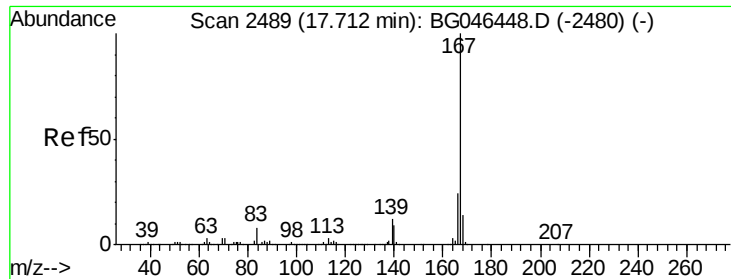


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.678 ng

RT: 17.70 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

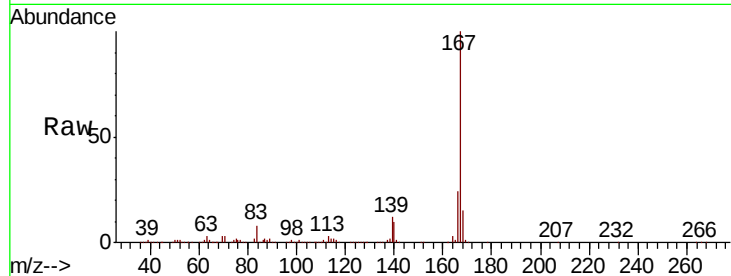
Tot Ion:167 Resp: 1055355

Ion Ratio Lower Upper

167 100

166 23.9 19.3 28.9

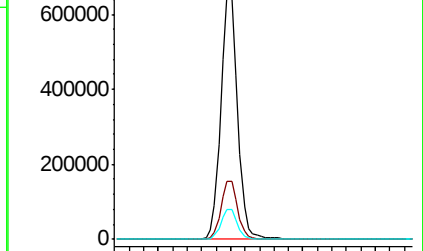
139 12.2 9.7 14.5



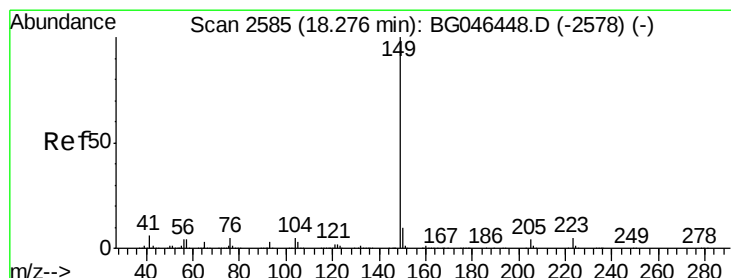
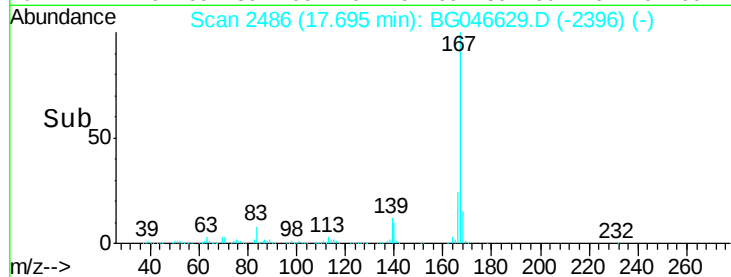
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 46.243 ng

RT: 18.27 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

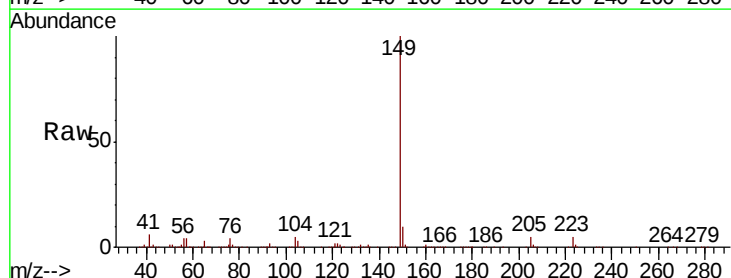
Tgt Ion:149 Resp: 1152843

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

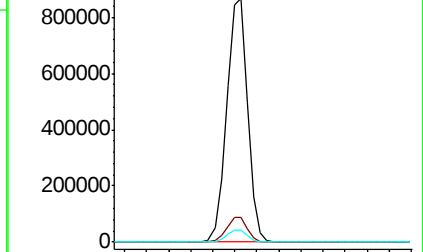
104 4.8 4.0 6.0



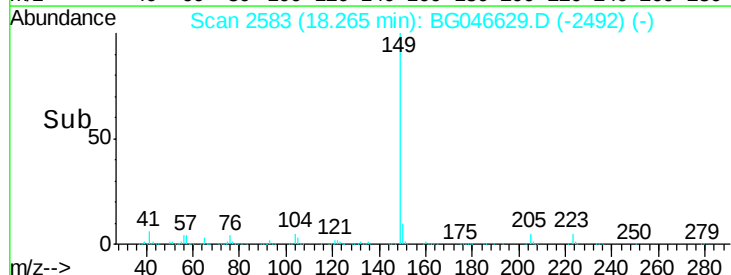
Abundance Ion 149.00 (148.70 to 149.70): E

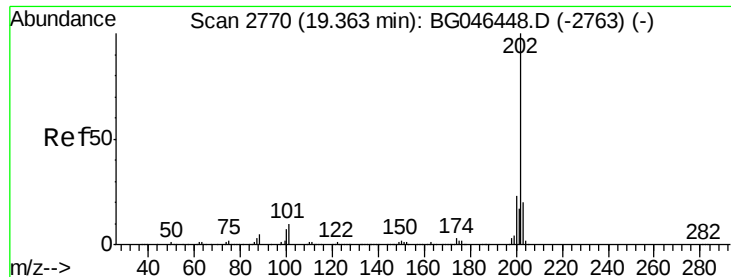
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 47.419 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

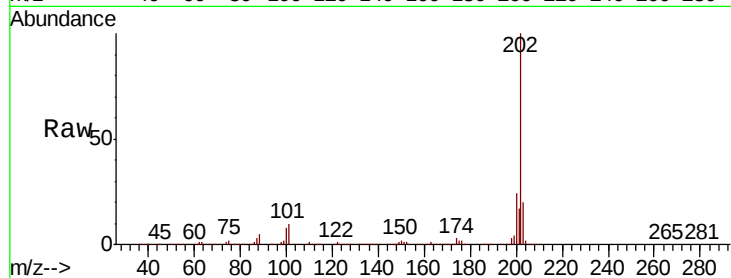
Tot Ion:202 Resp: 1420249

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

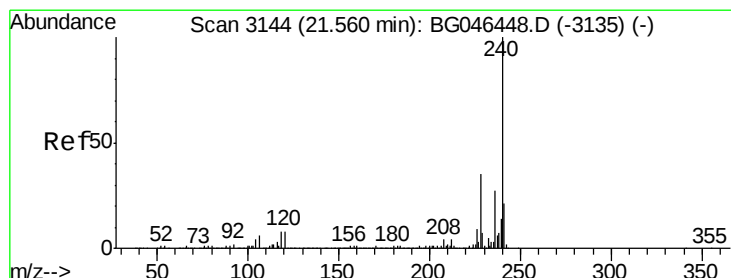
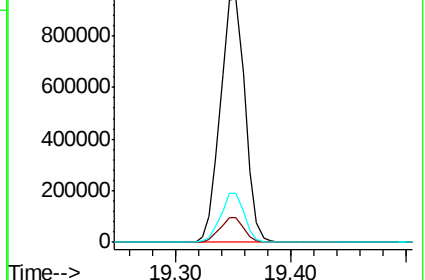
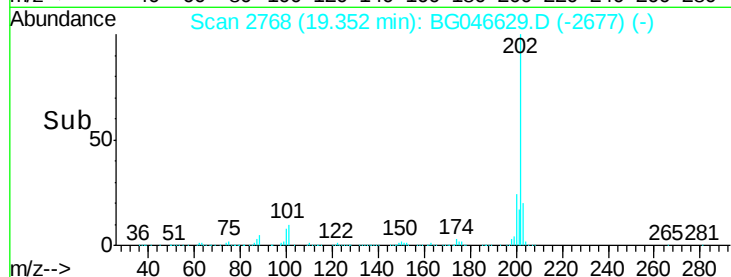
203 20.3 0.0 40.0



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

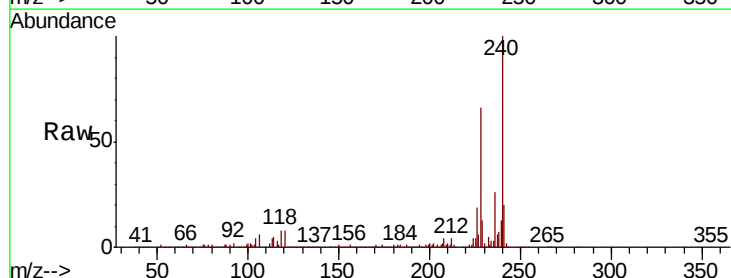
Tgt Ion:240 Resp: 488576

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

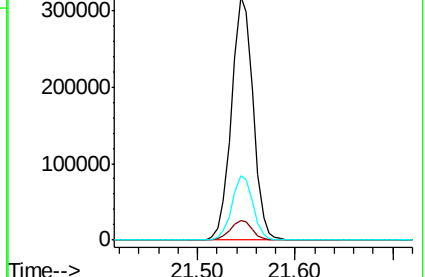
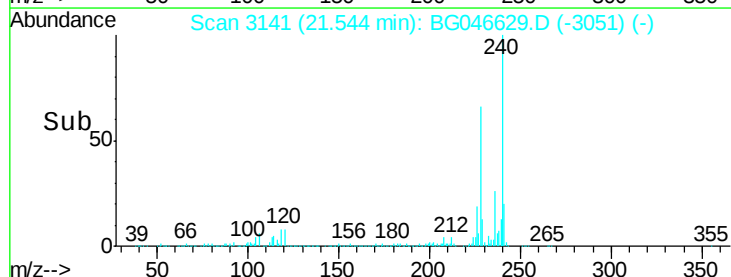
236 26.4 21.4 32.2

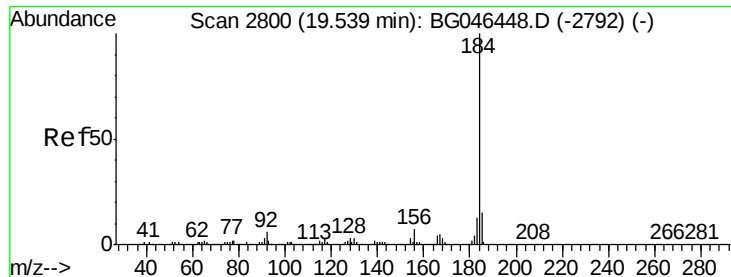


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.841 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

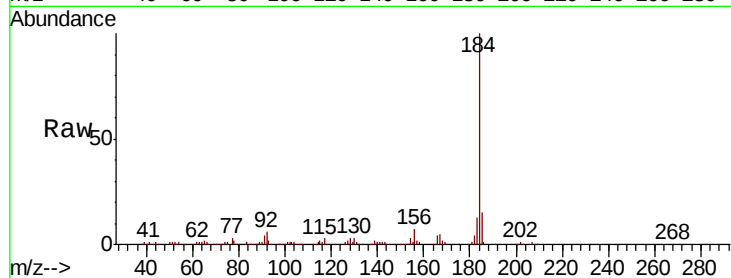
Tot Ion:184 Resp: 247964

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

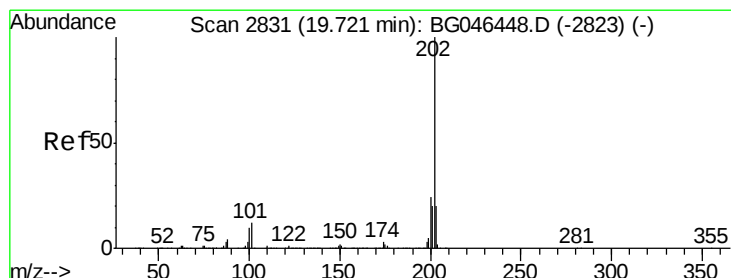
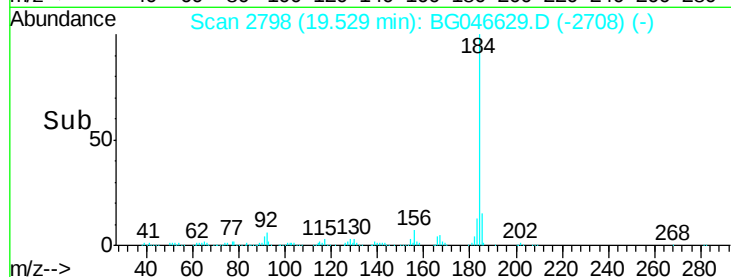
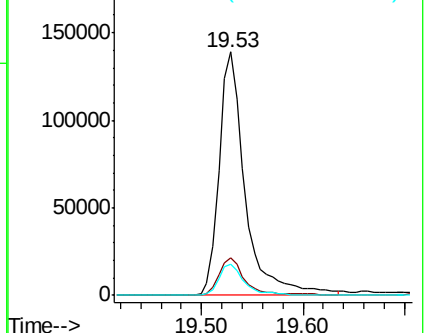
183 12.8 10.7 16.1



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: 46.265 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

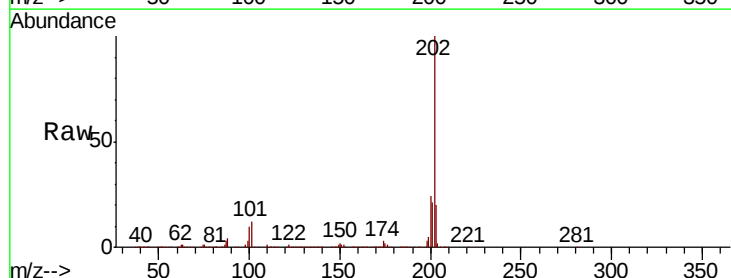
Tgt Ion:202 Resp: 1439398

Ion Ratio Lower Upper

202 100

200 24.1 18.9 28.3

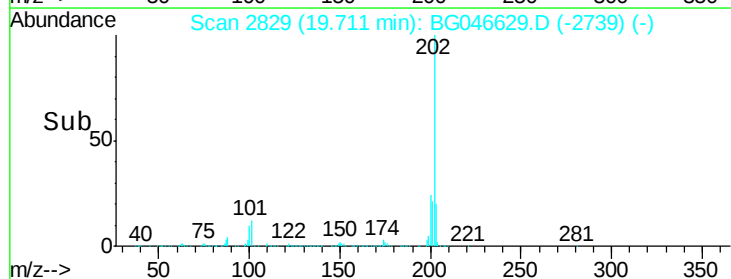
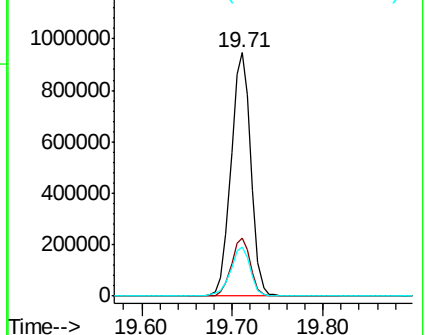
203 20.3 16.1 24.1

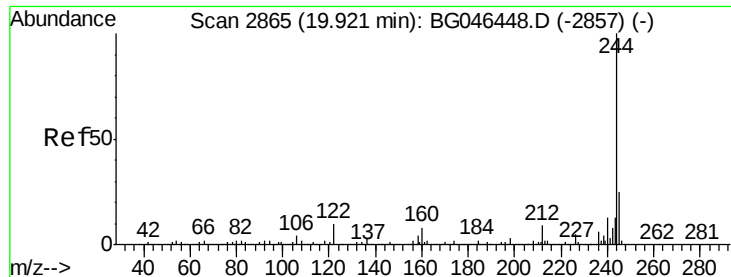


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.916 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

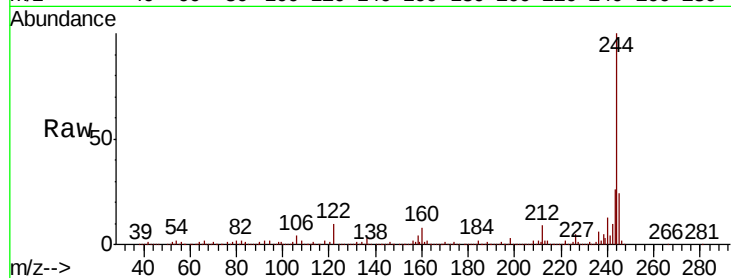
Tot Ion:244 Resp: 1742849

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

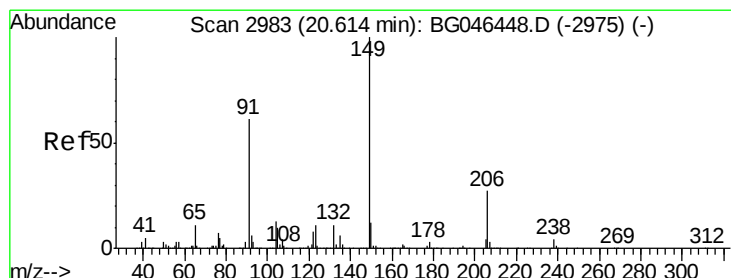
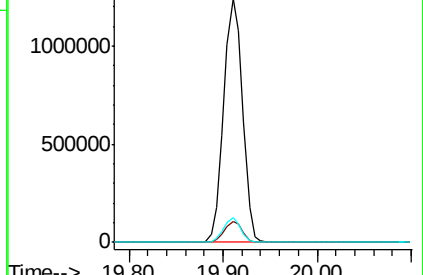
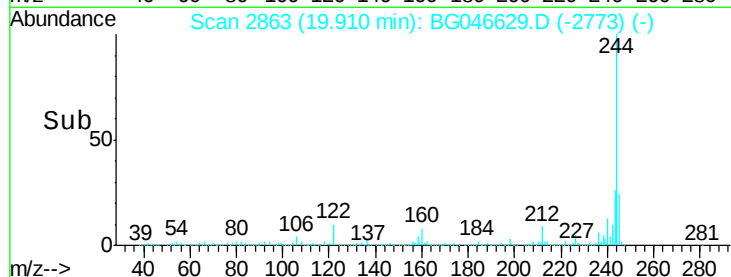
122 10.1 8.2 12.4



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: 46.896 ng

RT: 20.60 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

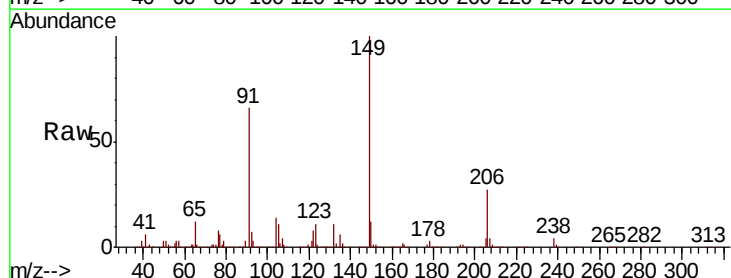
Tgt Ion:149 Resp: 569103

Ion Ratio Lower Upper

149 100

91 65.5 49.1 73.7

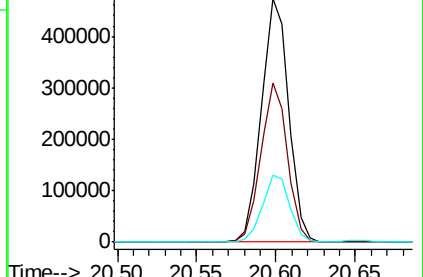
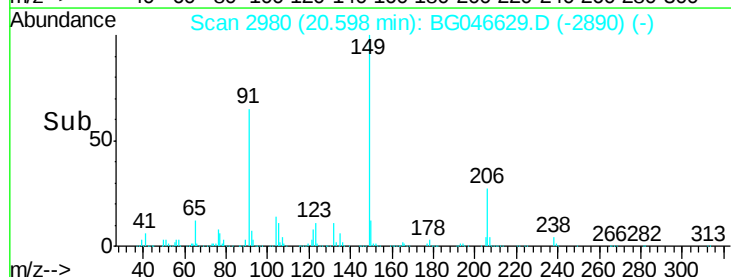
206 27.3 21.9 32.9

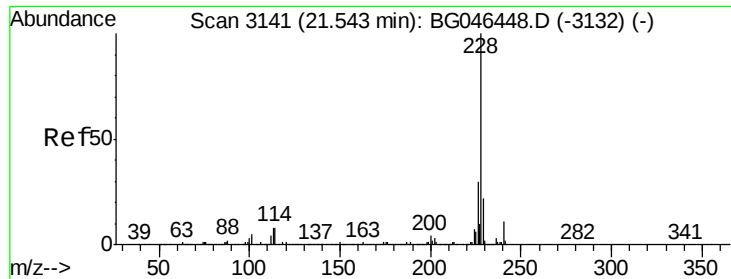


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

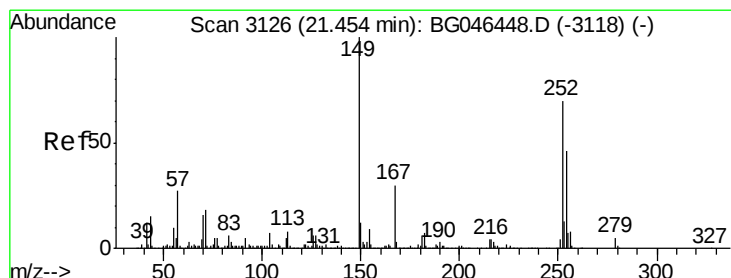
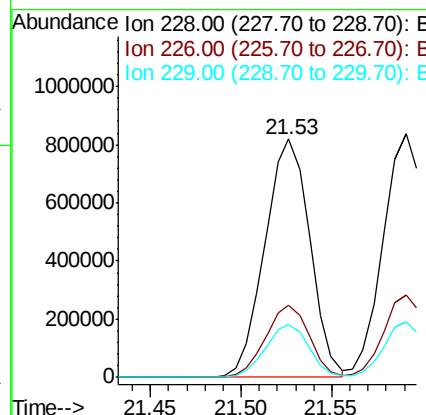
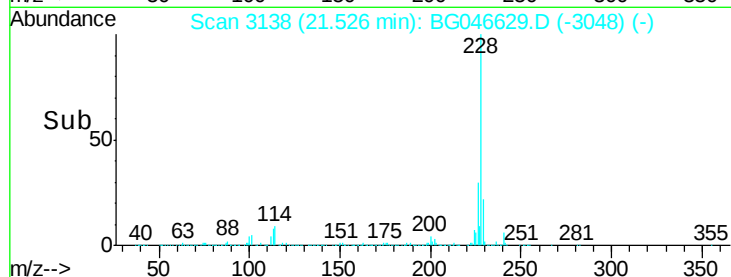
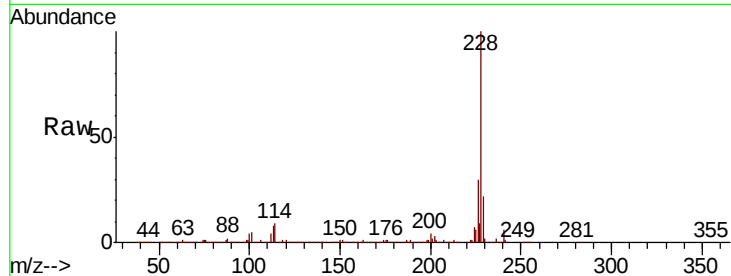




#81
Benzo(a)anthracene
Concen: 46.523 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

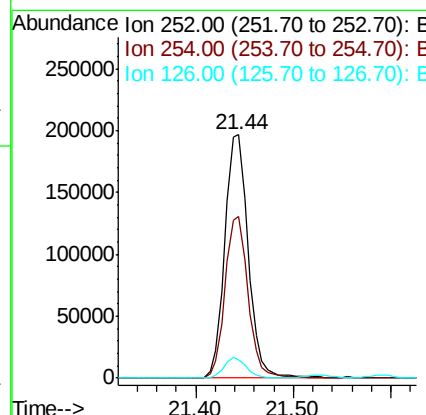
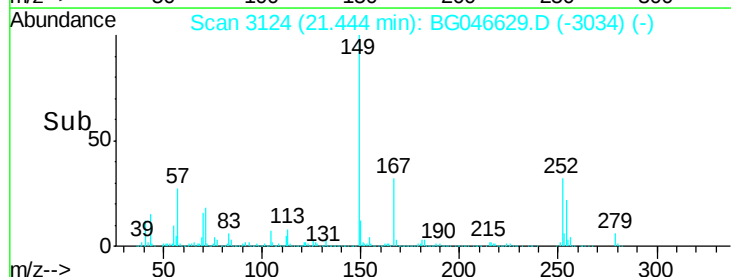
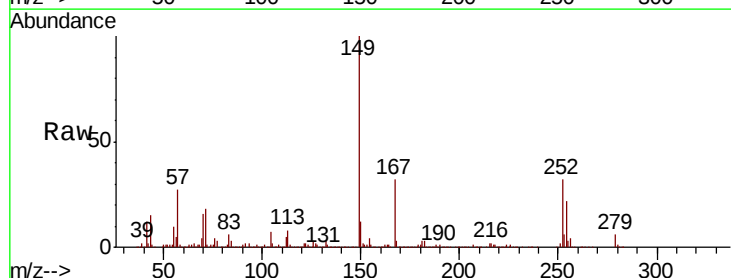
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

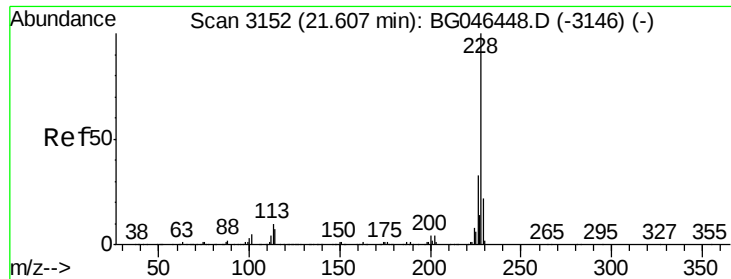
Tot Ion:228 Resp: 1416766
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 22.3 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 29.133 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:252 Resp: 329243
Ion Ratio Lower Upper
252 100
254 66.5 51.9 77.9
126 7.7 7.4 11.0





#83

Chrysene

Concen: 46.835 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

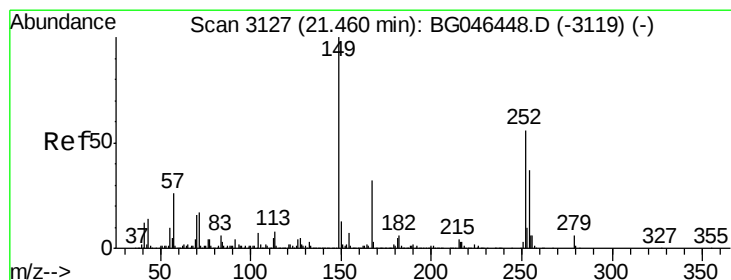
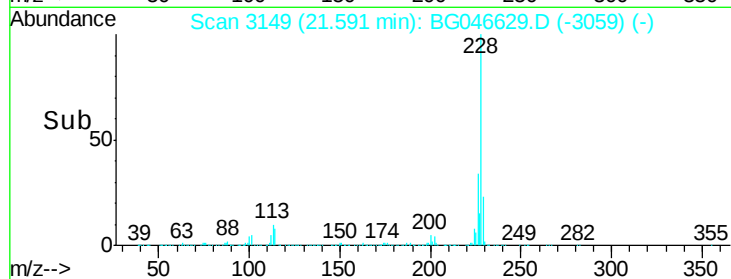
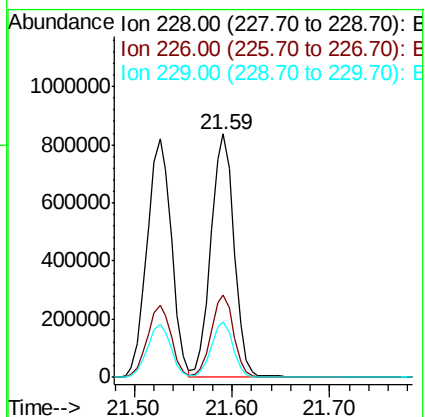
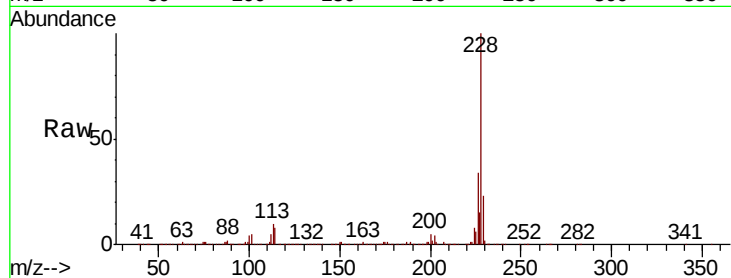
Tot Ion:228 Resp: 1371935

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.2	39.4
229	22.8	17.9	26.9

228 100

226 33.7 26.2 39.4

229 22.8 17.9 26.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.528 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

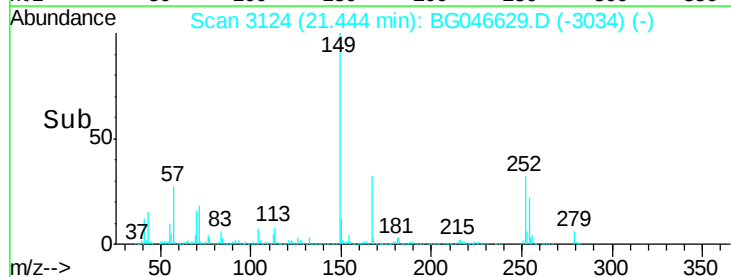
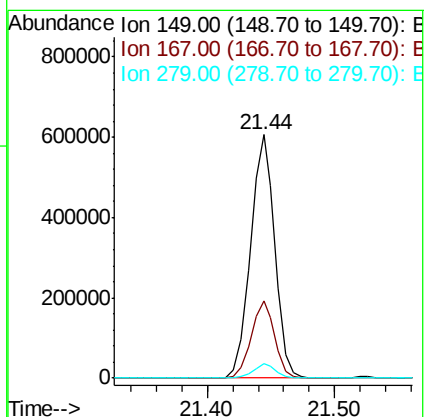
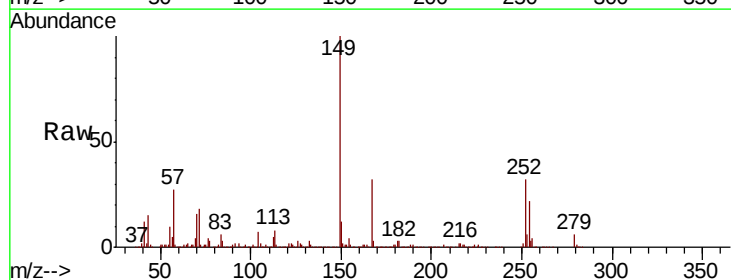
Tgt Ion:149 Resp: 803664

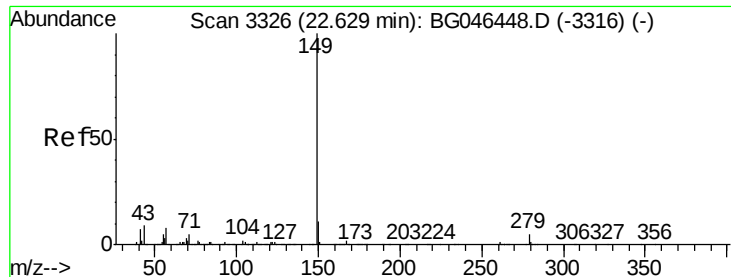
Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	5.8	4.5	6.7

149 100

167 31.9 25.4 38.2

279 5.8 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 48.839 ng

RT: 22.61 min Scan# 3322

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA_G

ClientSampleId :

EO-02-091420MSD

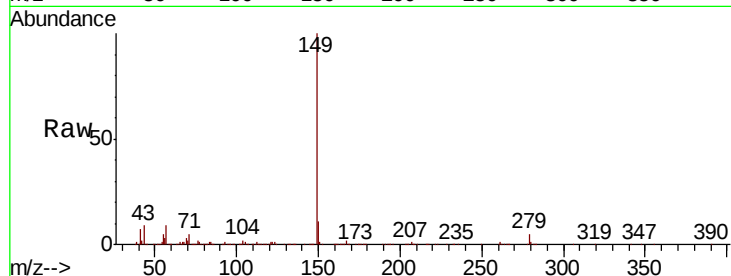
Tot Ion:149 Resp: 1384933

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

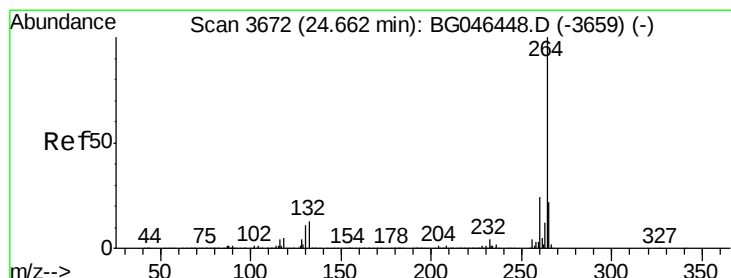
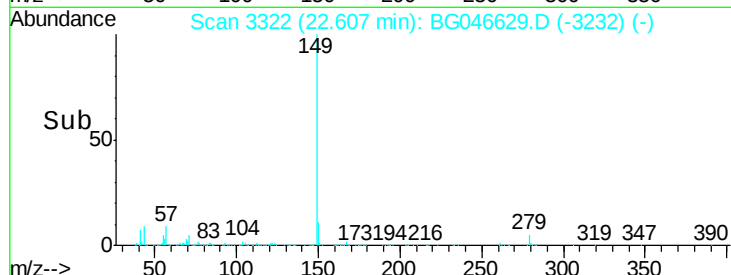
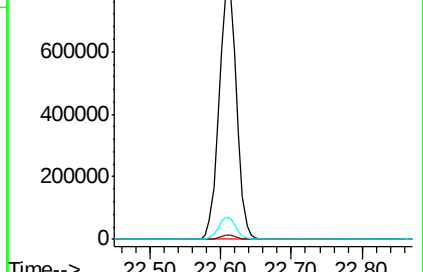
43 8.6 7.0 10.4



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

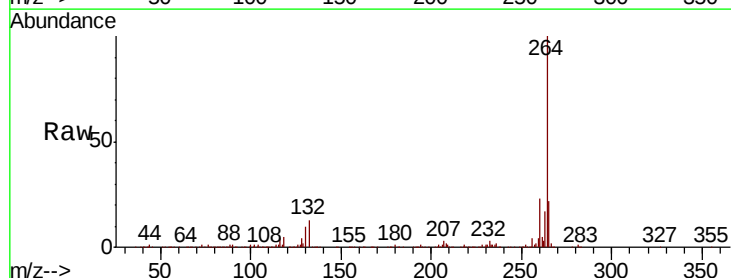
Tgt Ion:264 Resp: 497686

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

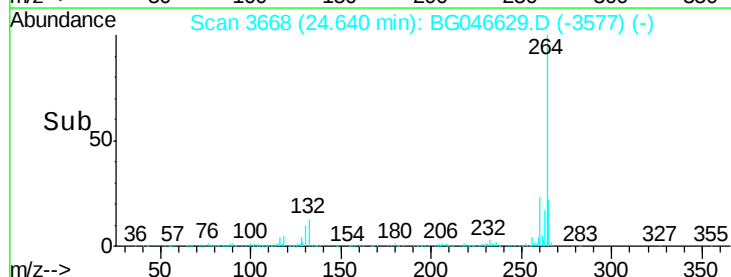
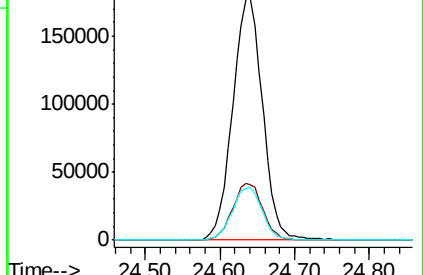
265 21.7 17.9 26.9

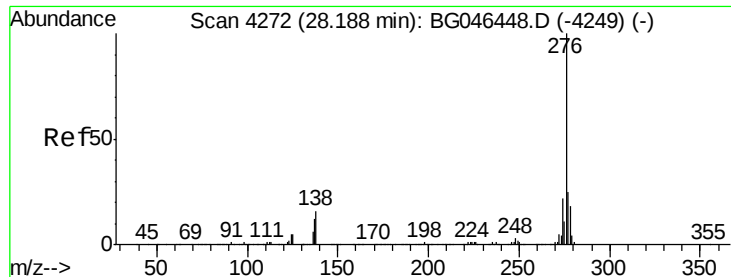


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



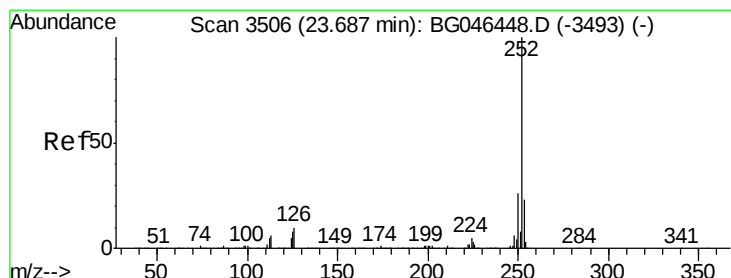
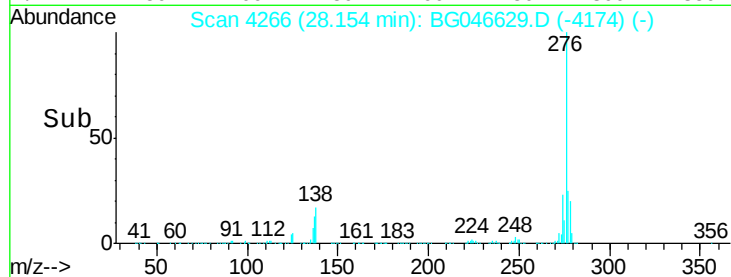
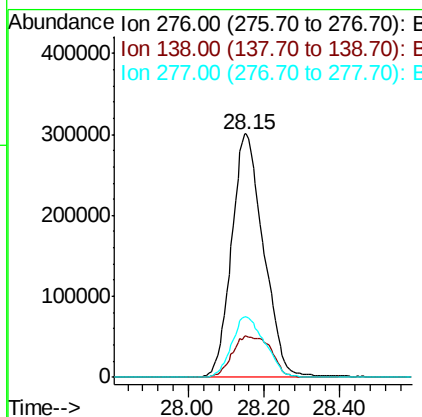
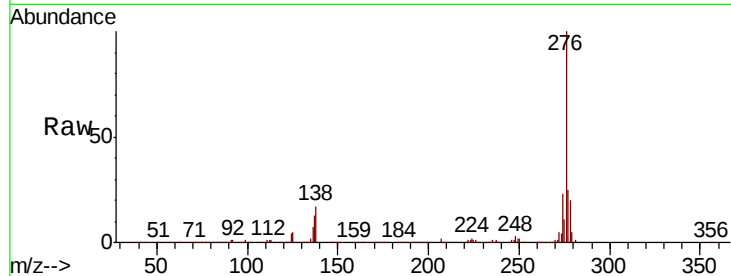


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.479 ng
 RT: 28.15 min Scan# 4266
 Delta R.T. 0.01 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091420MSD

Tot Ion:276 Resp: 1768639

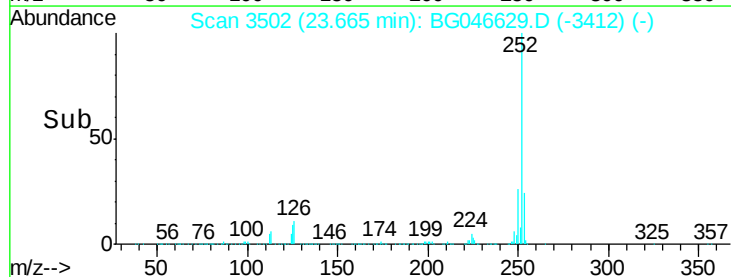
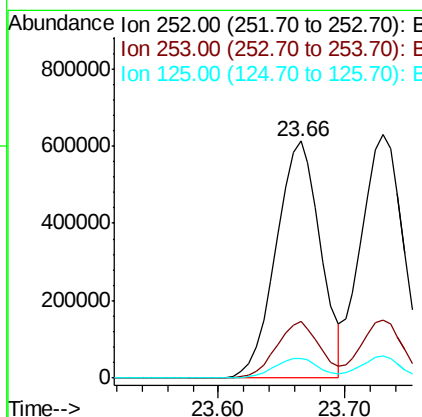
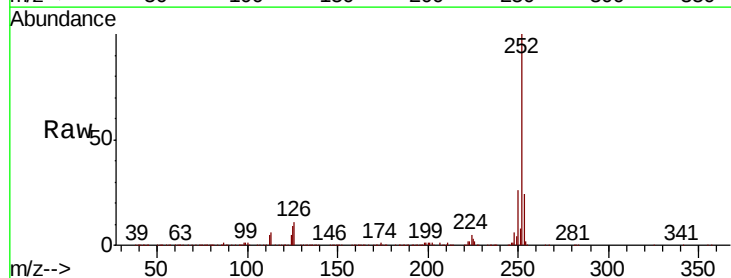
Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	26.0	20.7	31.1

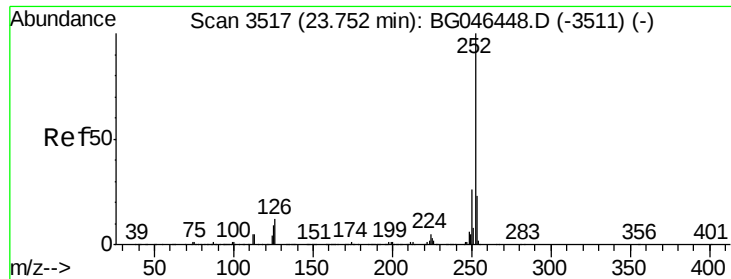


#88
 Benzo(b)fluoranthene
 Concen: 48.065 ng
 RT: 23.66 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: BG046629.D
 Acq: 15 Sep 2020 18:07

Tgt Ion:252 Resp: 1493674

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	8.5	6.2	9.2

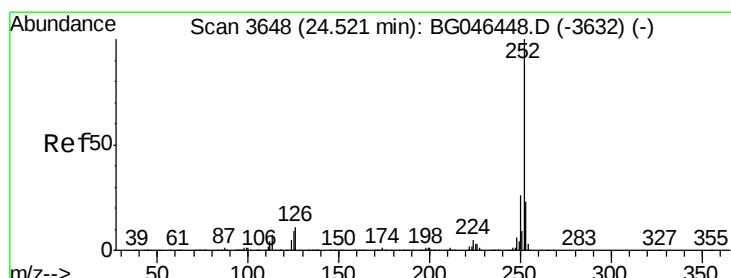
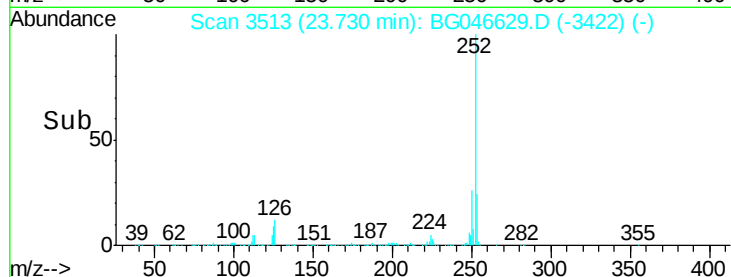
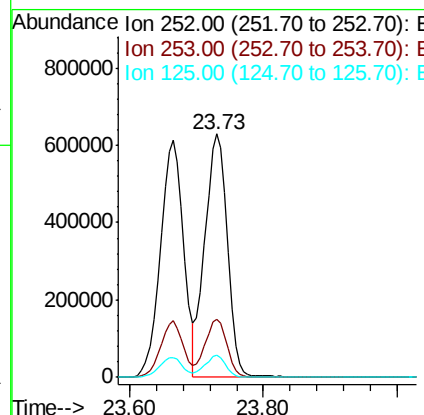
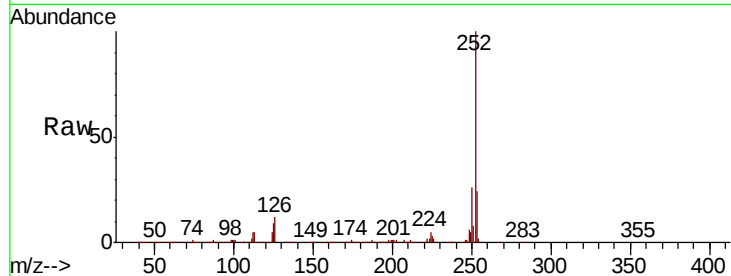




#89
Benzo(k)fluoranthene
Concen: 48.593 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

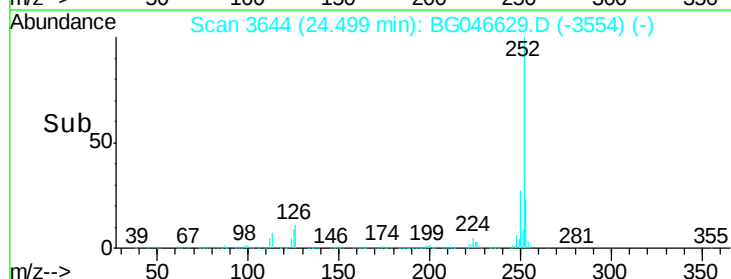
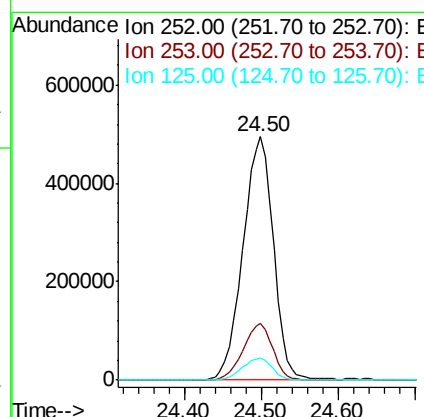
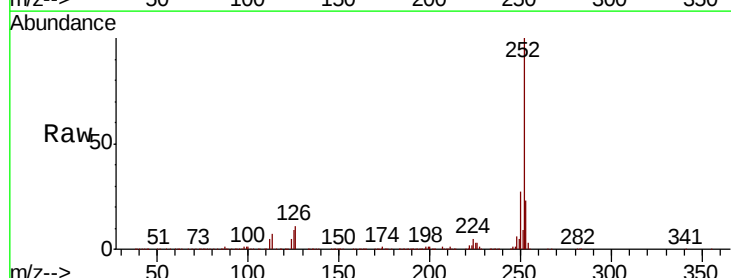
Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

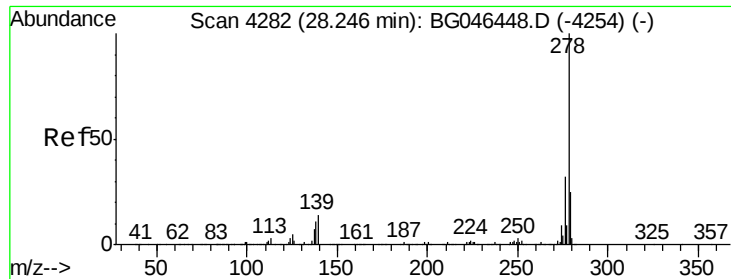
Tot Ion:252 Resp: 1459427
Ion Ratio Lower Upper
252 100
253 23.9 18.5 27.7
125 9.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 47.116 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG046629.D
Acq: 15 Sep 2020 18:07

Tgt Ion:252 Resp: 1366401
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 9.2 7.4 11.0





#91

Dibenzo(a,h)anthracene

Concen: 49.913 ng

RT: 28.21 min Scan# 4275

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

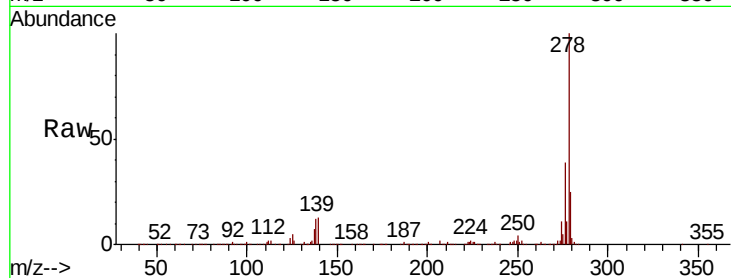
BNA_G

ClientSampleId :

EO-02-091420MSD

Tot Ion:278 Resp: 1439735

Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.2	16.8
279	25.1	19.8	29.8

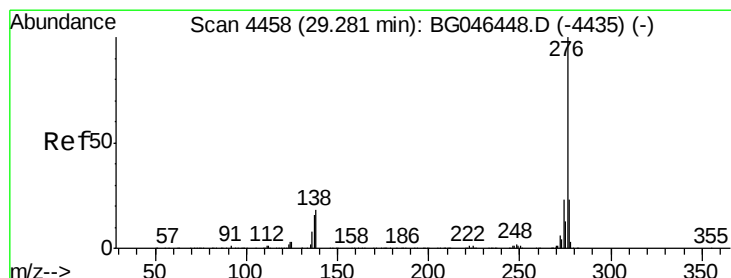
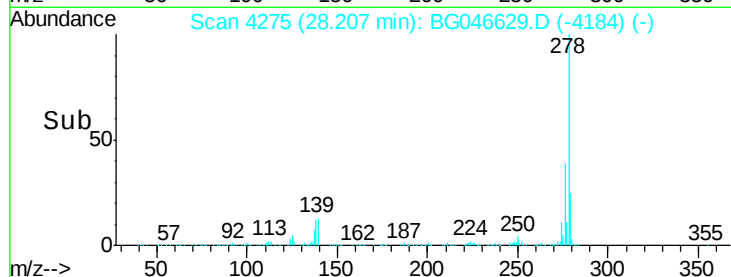
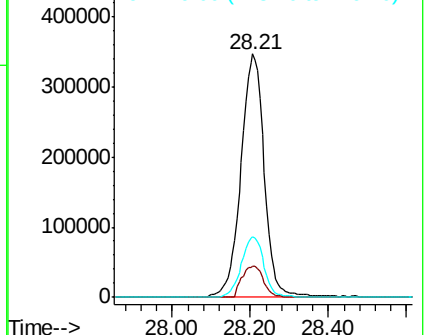


Abundance

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: 50.928 ng

RT: 29.25 min Scan# 4452

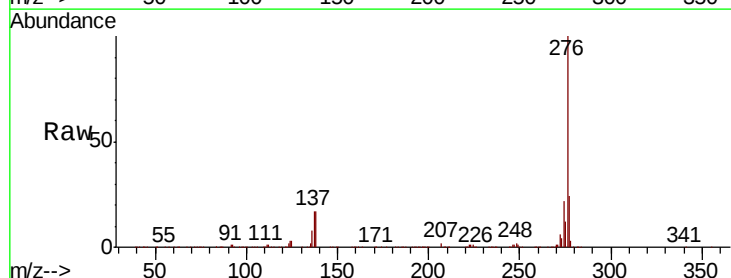
Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Tgt Ion:276 Resp: 1466953

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	17.2	14.7	22.1



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

