

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045446.D
 Acq On : 21 May 2020 19:01
 Operator : CG/JU
 Sample : L2506-17MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

Quant Time: May 21 19:46:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65570	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	267578	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	203236	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	490377	20.00	ng	0.00
76) Chrysene-d12	21.62	240	464256	20.00	ng	0.00
87) Perylene-d12	24.77	264	510826	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	484643	144.45	ng	0.00
7) Phenol-d6	7.19	99	646231	135.32	ng	0.00
23) Nitrobenzene-d5	9.12	82	497088	101.30	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	419143	161.26	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1201591	100.28	ng	0.00
79) Terphenyl-d14	19.97	244	2119742	106.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	65651	39.459	ng	# 64
3) Pyridine	3.82	79	147947	31.928	ng	98
4) n-Nitrosodimethylamine	3.72	42	69976	46.149	ng	94
6) Aniline	7.29	93	257926	41.375	ng	97
8) 2-Chlorophenol	7.55	128	196632	53.442	ng	97
9) Benzaldehyde	7.10	77	135802	43.648	ng	95
10) Phenol	7.21	94	223607	45.433	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	186463	48.571	ng	95
12) 1,3-Dichlorobenzene	7.85	146	200624	45.374	ng	97
13) 1,4-Dichlorobenzene	8.00	146	201498	46.178	ng	96
14) 1,2-Dichlorobenzene	8.32	146	193803	46.179	ng	98
15) Benzyl Alcohol	8.21	79	212726	53.924	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	167503	45.966	ng	99
17) 2-Methylphenol	8.45	107	177089	48.072	ng	98
18) Hexachloroethane	9.05	117	76867	45.995	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	174305	52.784	ng	96
20) 3+4-Methylphenols	8.45	107	177089	35.302	ng	75
22) Acetophenone	8.78	105	323087	50.945	ng	# 93
24) Nitrobenzene	9.16	77	255282	48.559	ng	96
25) Isophorone	9.69	82	497309	51.463	ng	98
26) 2-Nitrophenol	9.88	139	114701	51.003	ng	94
27) 2,4-Dimethylphenol	9.97	122	196671	58.962	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	267659	52.815	ng	98
29) 2,4-Dichlorophenol	10.45	162	215211	54.638	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	229905	49.396	ng	97
31) Naphthalene	10.82	128	624546	50.088	ng	99
32) Benzoic acid	10.16	122	120345	51.995	ng	96
33) 4-Chloroaniline	10.94	127	159407	30.584	ng	95
34) Hexachlorobutadiene	11.11	225	151617	46.084	ng	99
35) Caprolactam	11.70	113	32357	22.381	ng	87
36) 4-Chloro-3-methylphenol	12.10	107	252757	56.947	ng	93
37) 2-Methylnaphthalene	12.43	142	491370	52.872	ng	97
38) 1-Methylnaphthalene	12.43	142	491370	55.971	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	281943	49.667	ng	99

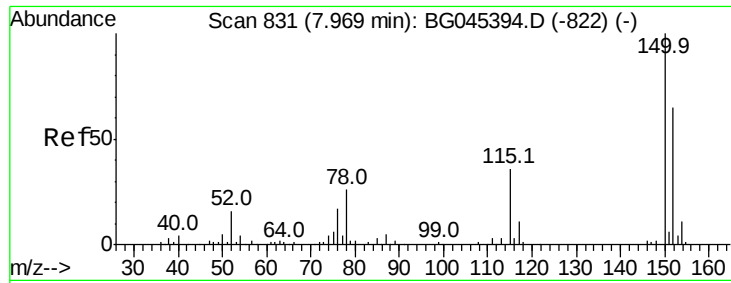
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	359008	109.571	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	203915	51.711	nq	97
44) 2,4,5-Trichlorophenol	13.15	196	220612	48.957	nq	97
46) 1,1'-Biphenyl	13.44	154	648950	51.966	nq	99
47) 2-Chloronaphthalene	13.48	162	491941	48.512	nq	98
48) 2-Nitroaniline	13.69	65	164714	49.379	nq	# 84
49) Acenaphthylene	14.33	152	844329	51.836	nq	99
50) Dimethylphthalate	14.06	163	714205	51.227	nq	98
51) 2,6-Dinitrotoluene	14.18	165	164325	52.233	nq	96
52) Acenaphthene	14.67	154	496920	45.576	nq	98
53) 3-Nitroaniline	14.52	138	123084	38.487	nq	# 95
54) 2,4-Dinitrophenol	14.72	184	212080	101.347	nq	97
55) Dibenzofuran	15.01	168	819722	50.627	nq	97
56) 4-Nitrophenol	14.89	139	226908	93.716	nq	93
57) 2,4-Dinitrotoluene	14.97	165	238916	52.437	nq	99
58) Fluorene	15.66	166	690483	51.908	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.25	232	206310	52.039	nq	96
60) Diethylphthalate	15.43	149	739743	50.978	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	384555	50.520	nq	99
62) 4-Nitroaniline	15.69	138	173852	52.073	nq	89
63) Azobenzene	15.94	77	689897	50.987	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	152360	53.348	nq	93
66) n-Nitrosodiphenylamine	15.87	169	619413	52.609	nq	95
67) 4-Bromophenyl-phenylether	16.54	248	271092	51.053	nq	96
68) Hexachlorobenzene	16.67	284	293427	52.834	nq	97
69) Atrazine	16.82	200	238654	49.212	nq	98
70) Pentachlorophenol	17.02	266	322120	111.702	nq	97
71) Phenanthrene	17.40	178	1118011	52.225	nq	100
72) Anthracene	17.49	178	1145097	53.265	nq	98
73) Carbazole	17.76	167	1054144	50.304	nq	100
74) Di-n-butylphthalate	18.32	149	1266753	50.364	nq	99
75) Fluoranthene	19.41	202	1404894	51.595	nq	99
77) Benzidine	19.59	184	118707	9.104	nq	99
78) Pyrene	19.77	202	1398380	52.840	nq	99
80) Butylbenzylphthalate	20.65	149	571113	49.997	nq	100
81) Benzo(a)anthracene	21.59	228	1346722	52.073	nq	100
82) 3,3'-Dichlorobenzidine	21.51	252	463414	45.680	nq	99
83) Chrysene	21.66	228	1279456	51.451	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	783984	49.928	nq	99
85) Di-n-octyl phthalate	22.70	149	1342704	49.787	nq	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1702986	52.370	nq	98
88) Benzo(b)fluoranthene	23.77	252	1443091	52.675	nq	98
89) Benzo(k)fluoranthene	23.84	252	1389963	54.004	nq	99
90) Benzo(a)pyrene	24.62	252	1321493	51.793	nq	97
91) Dibenzo(a,h)anthracene	28.41	278	1384847	54.011	nq	100
92) Benzo(g,h,i)perylene	29.47	276	1421258	55.425	nq	99

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

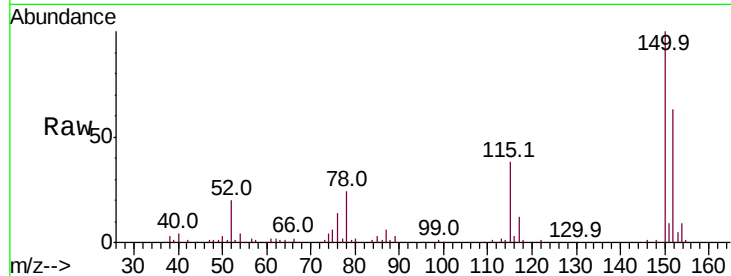


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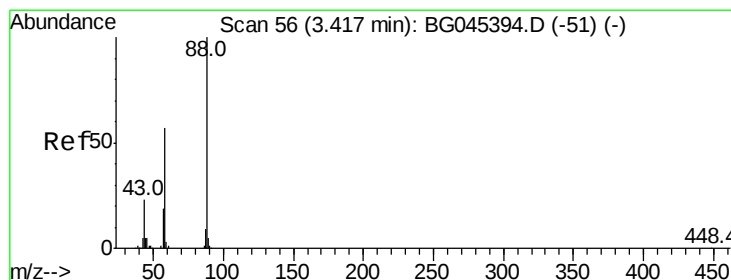
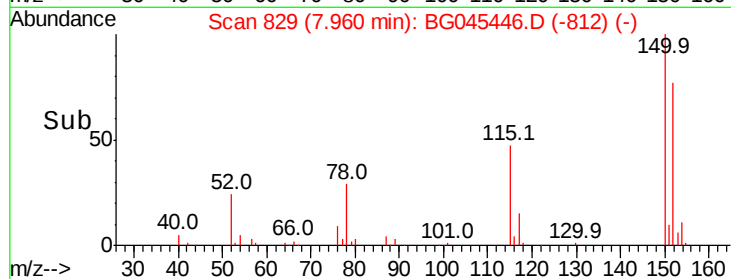
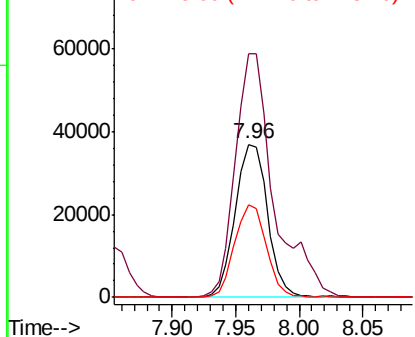
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

Tot Ion:152 Resp: 65570
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.4 183.6
 115 60.5 44.2 66.4



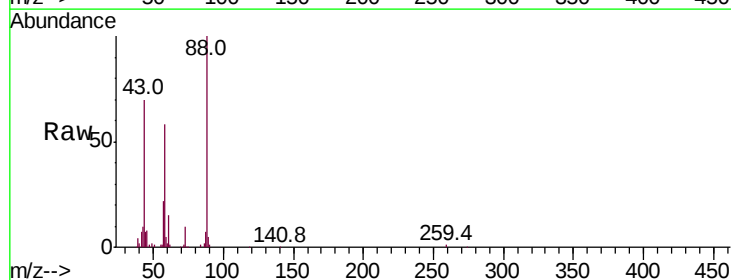
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



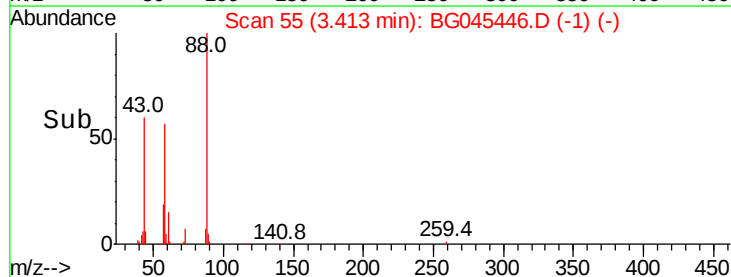
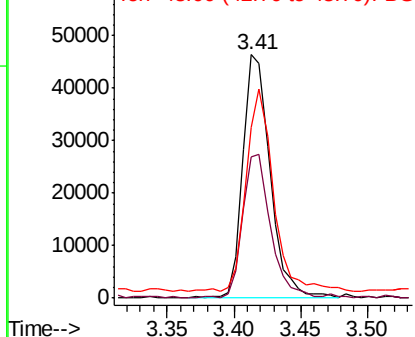
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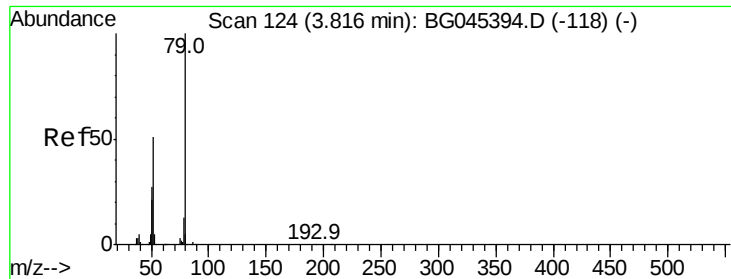
1,4-Dioxane
 Concen: 39.459 ng
 RT: 3.41 min Scan# 55
 Delta R.T. 0.01 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion: 88 Resp: 65651
 Ion Ratio Lower Upper
 88 100
 58 58.4 45.7 68.5
 43 81.8 16.8 25.2#



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

Pvrindine

Concen: 31.928 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

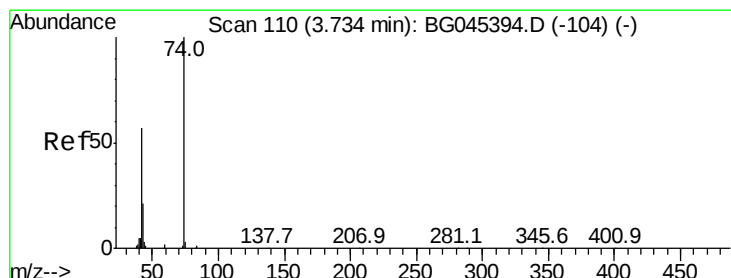
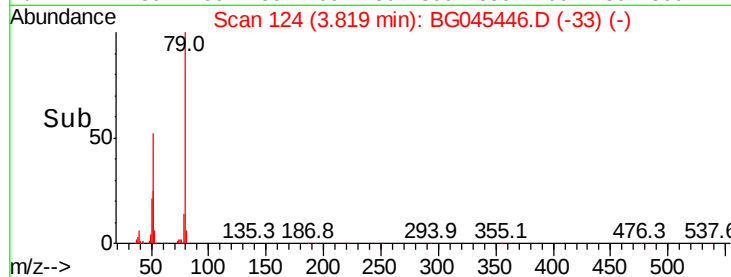
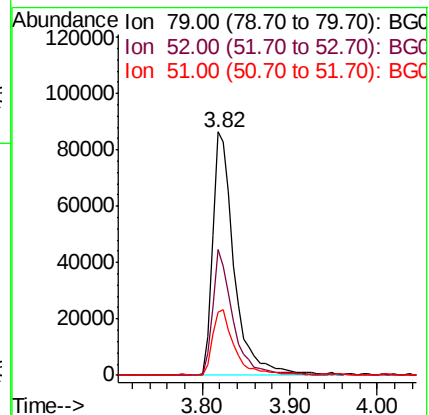
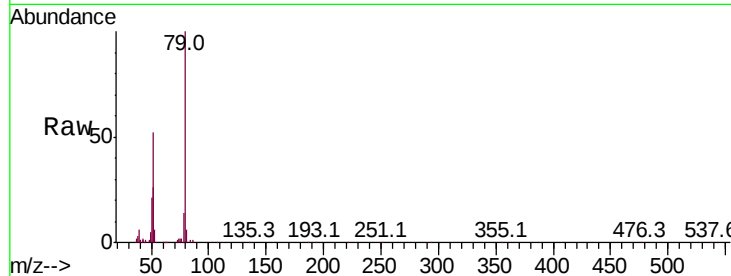
Tot Ion: 79 Resp: 147947

Ion Ratio Lower Upper

79 100

52 51.5 40.8 61.2

51 25.7 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 46.149 ng

RT: 3.72 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

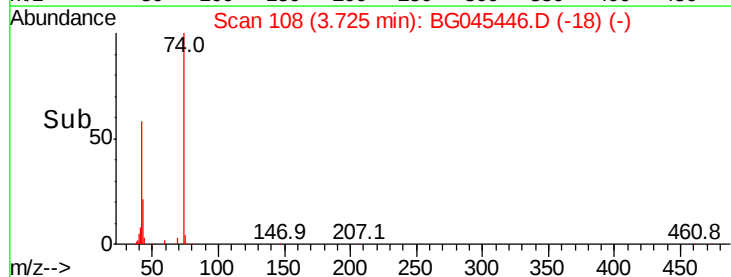
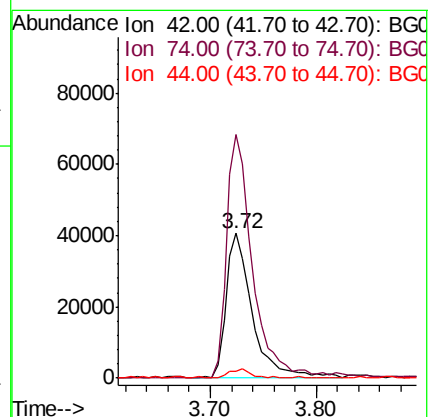
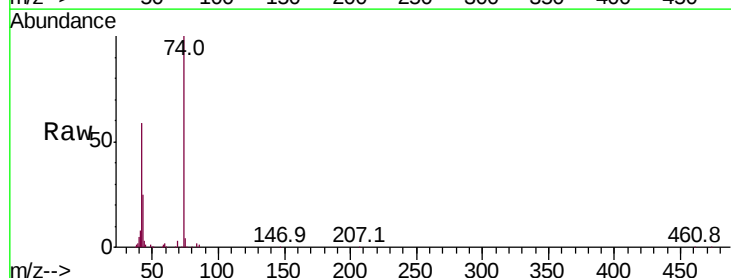
Tgt Ion: 42 Resp: 69976

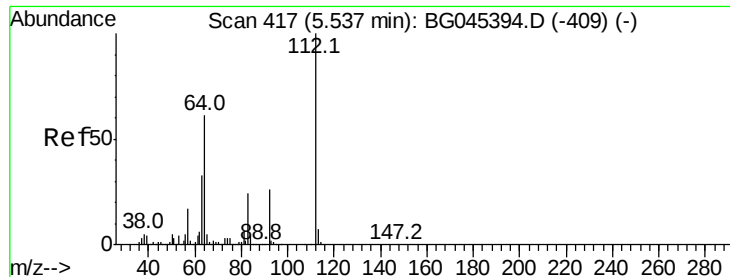
Ion Ratio Lower Upper

42 100

74 168.4 141.3 211.9

44 5.0 4.2 6.4





#5

2-Fluorophenol

Concen: 144.447 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

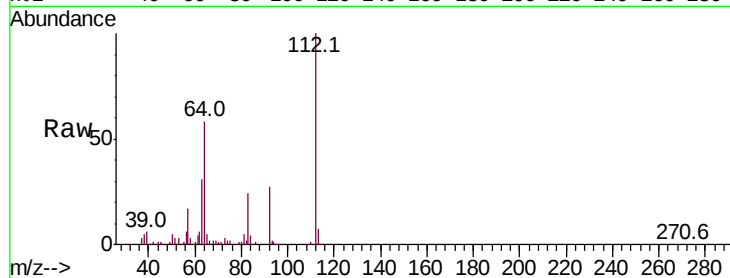
Tot Ion:112 Resp: 484643

Ion Ratio Lower Upper

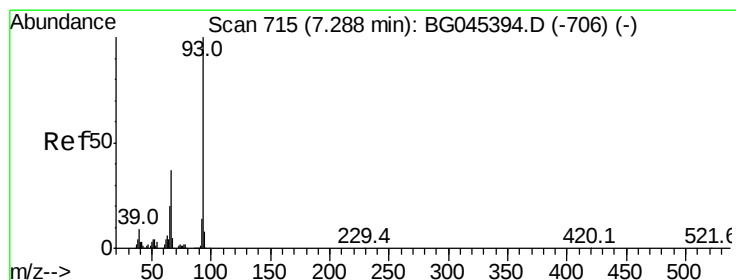
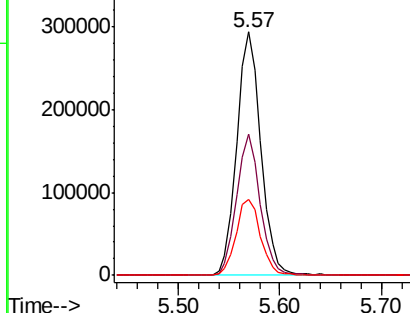
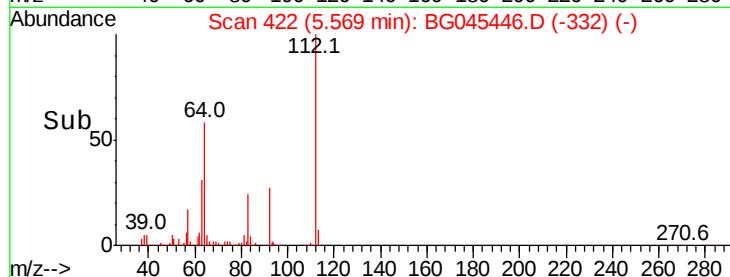
112 100

64 58.2 48.6 72.8

63 31.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.375 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

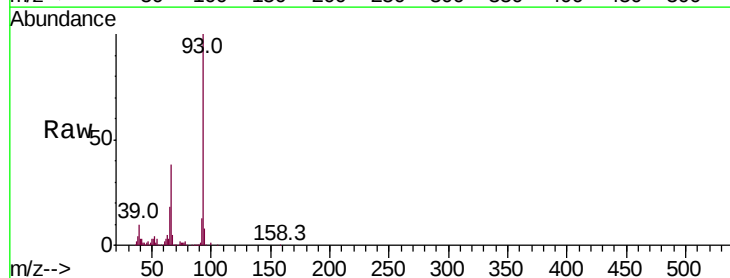
Tgt Ion: 93 Resp: 257926

Ion Ratio Lower Upper

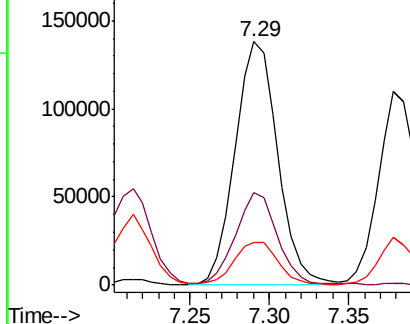
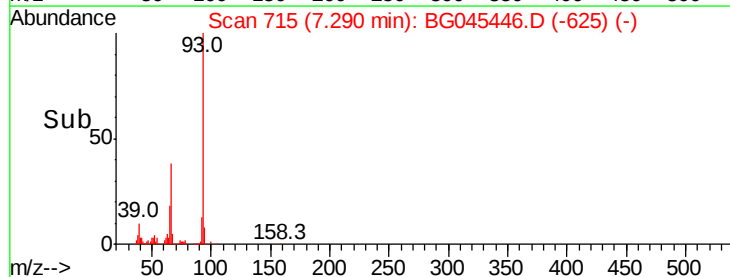
93 100

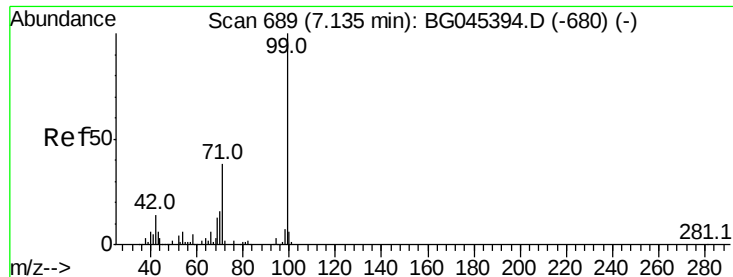
66 38.0 29.6 44.4

65 17.7 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.325 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

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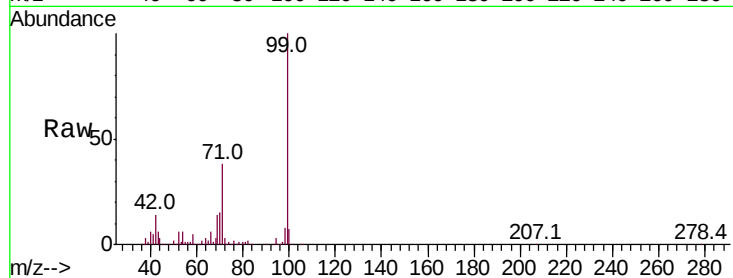
Tot Ion: 99 Resp: 646231

Ion Ratio Lower Upper

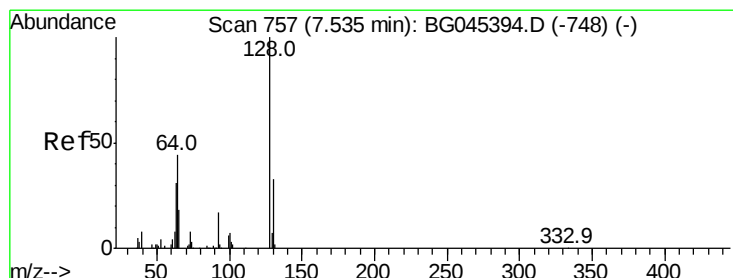
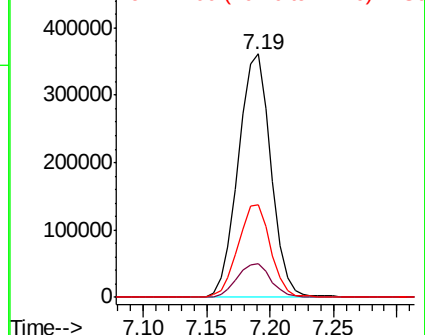
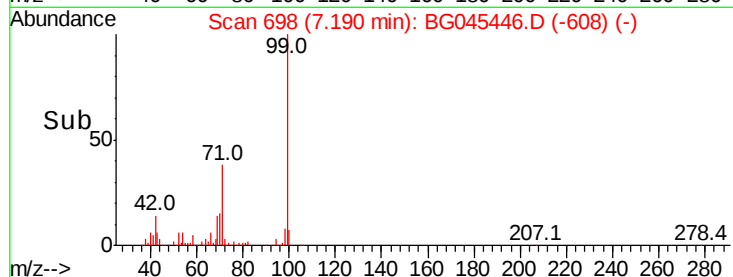
99 100

42 13.6 11.3 16.9

71 38.3 30.8 46.2



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: 53.442 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

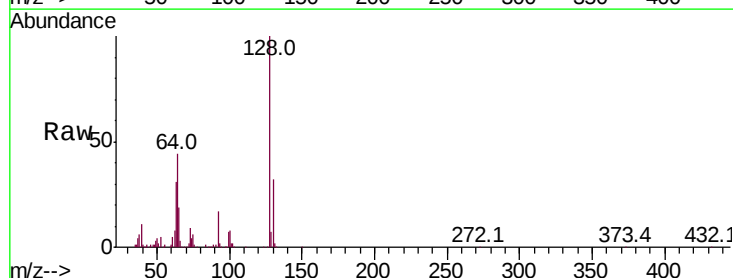
Tgt Ion: 128 Resp: 196632

Ion Ratio Lower Upper

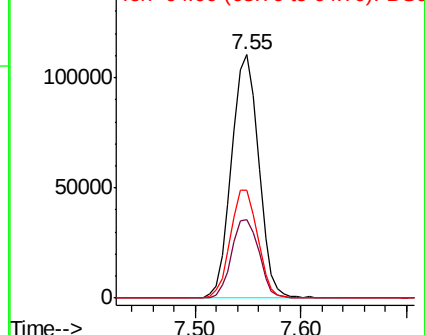
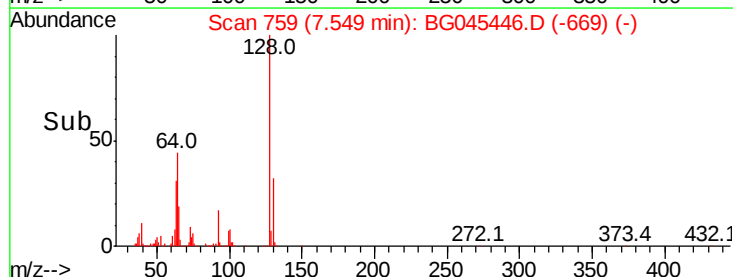
128 100

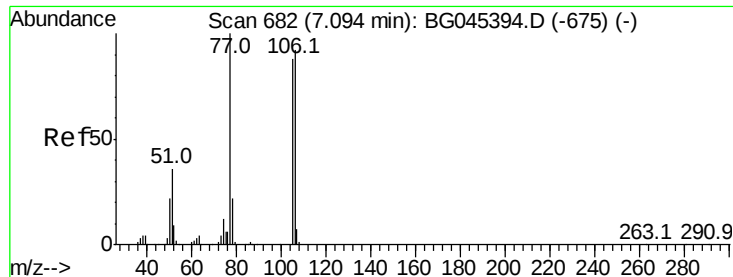
130 32.2 12.6 52.6

64 44.2 27.0 67.0



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: 43.648 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

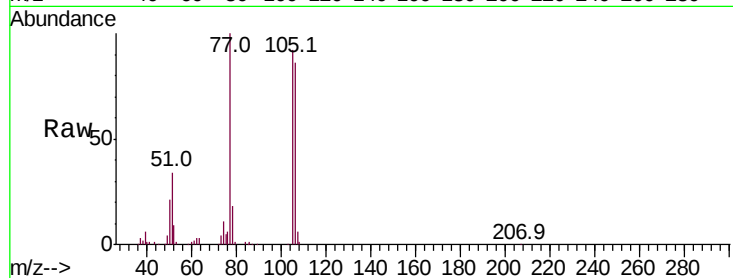
Tot Ion: 77 Resp: 135802

Ion Ratio Lower Upper

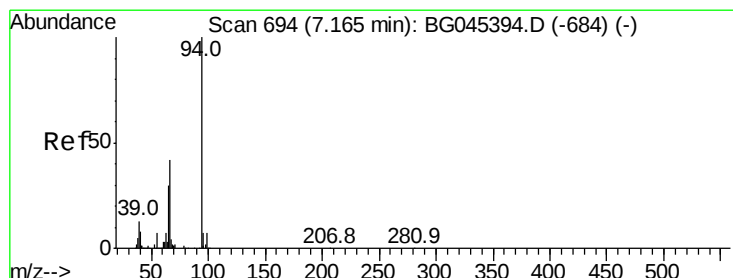
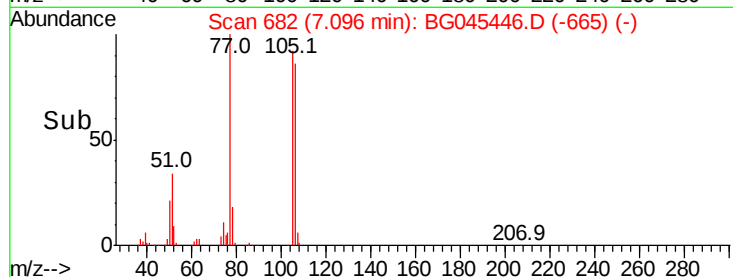
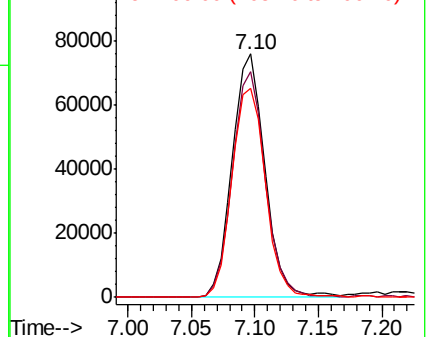
77 100

105 92.5 68.5 108.5

106 85.7 71.6 111.6



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: 45.433 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

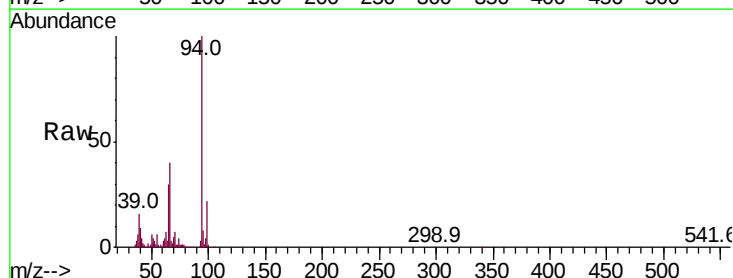
Tgt Ion: 94 Resp: 223607

Ion Ratio Lower Upper

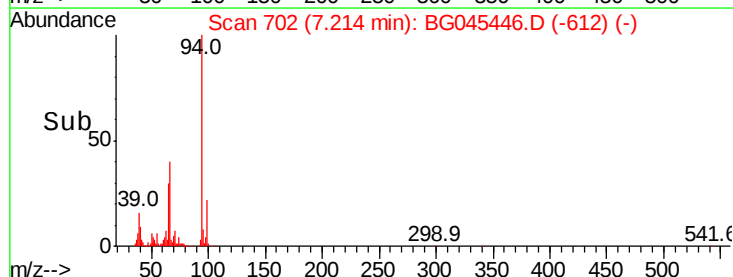
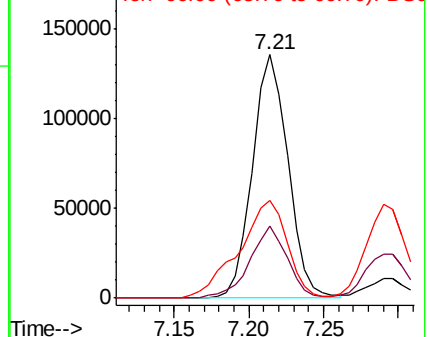
94 100

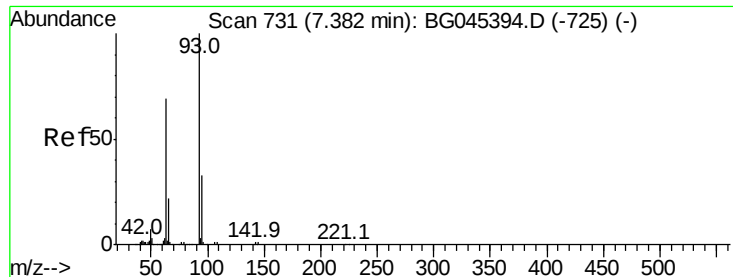
65 29.8 9.8 49.8

66 40.1 22.0 62.0



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

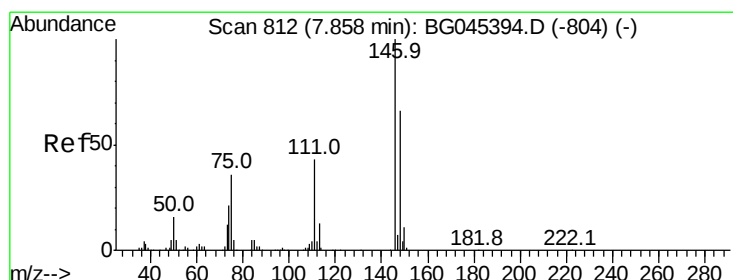
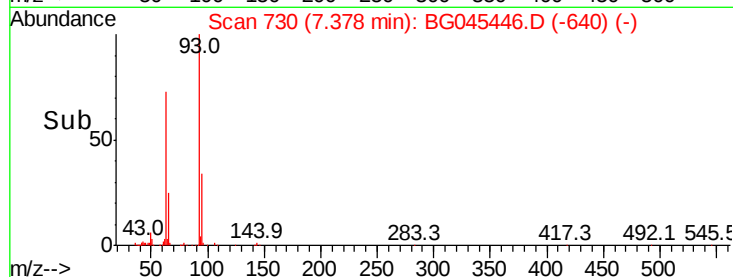
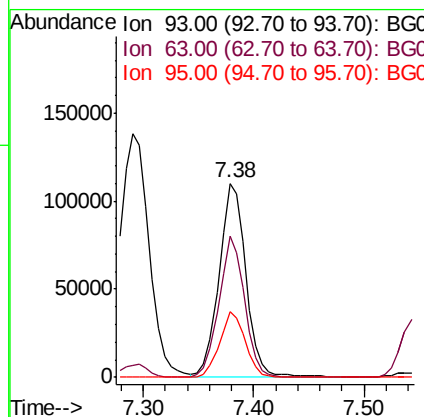
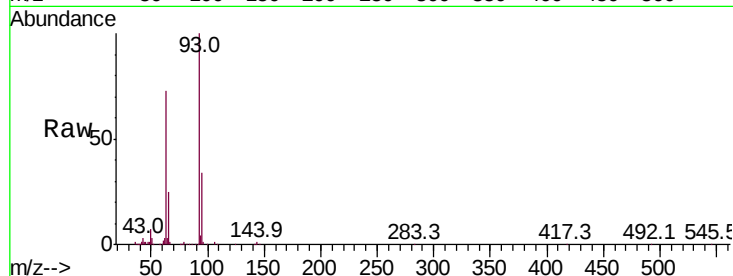




#11
 bis(2-Chloroethyl)ether
 Concen: 48.571 ng
 RT: 7.38 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

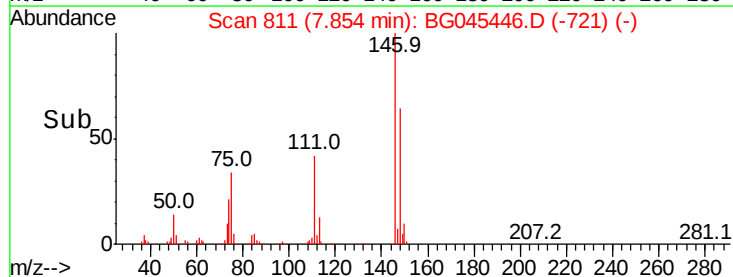
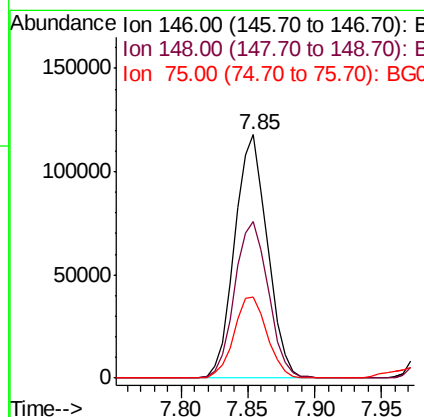
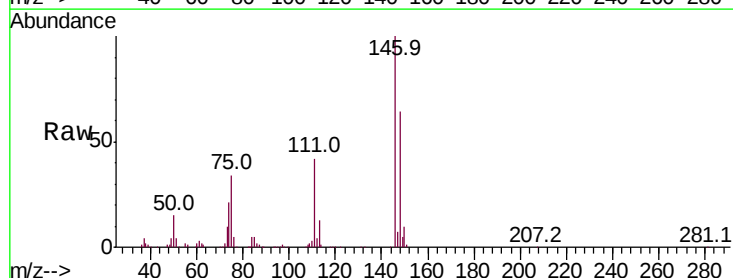
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

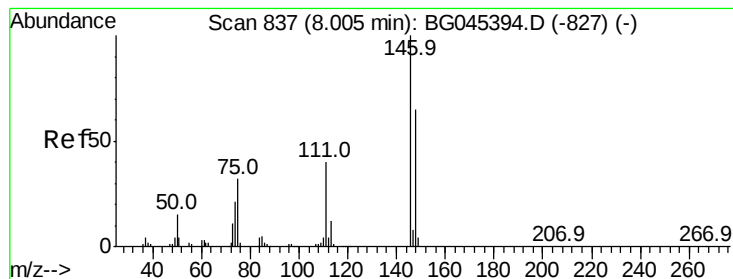
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	48.4	88.4
95	34.0	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 45.374 ng
 RT: 7.85 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.2	79.8
75	33.5	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 46.178 ng

RT: 8.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

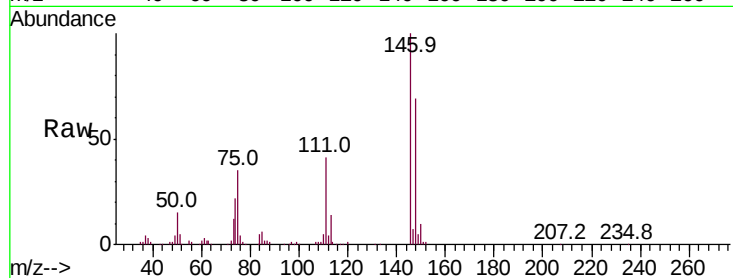
Tot Ion:146 Resp: 201498

Ion Ratio Lower Upper

146 100

148 68.9 51.8 77.8

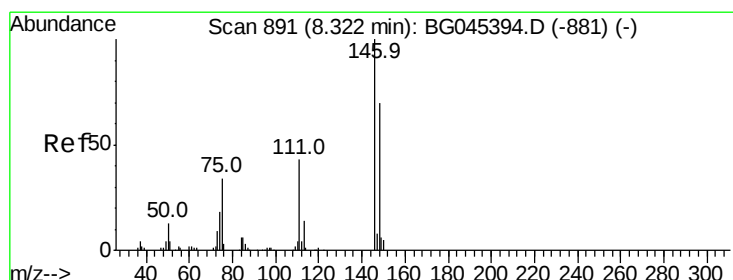
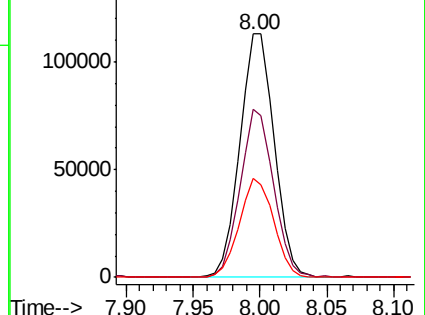
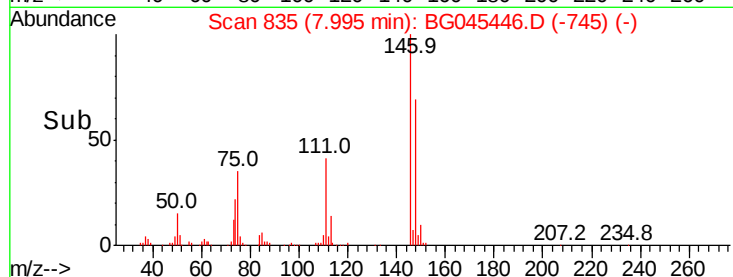
111 40.7 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.179 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

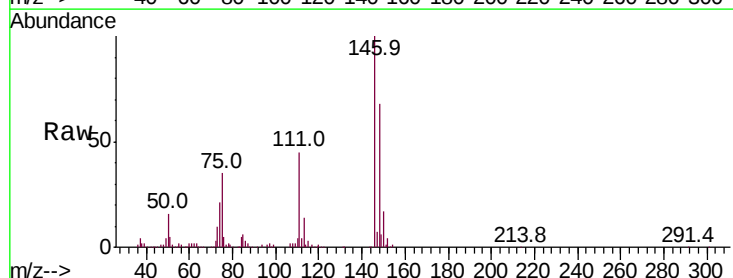
Tgt Ion:146 Resp: 193803

Ion Ratio Lower Upper

146 100

148 67.8 55.9 83.9

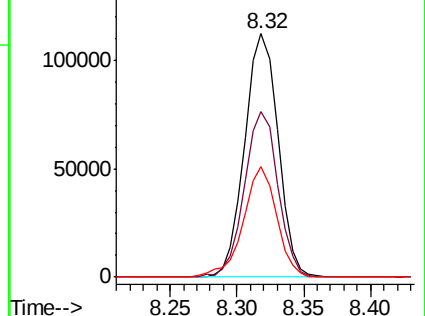
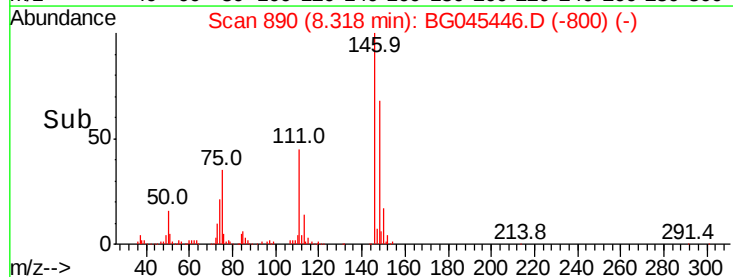
111 45.2 35.0 52.4

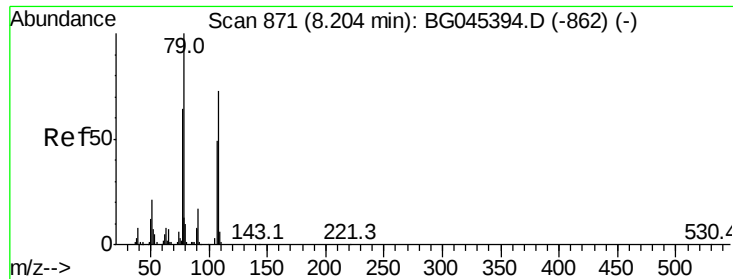


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.924 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

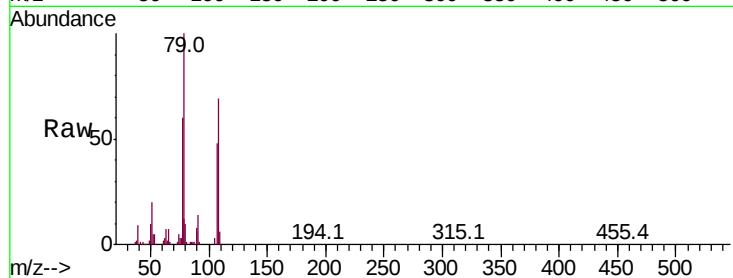
Tot Ion: 79 Resp: 212726

Ion Ratio Lower Upper

79 100

108 69.4 58.2 87.4

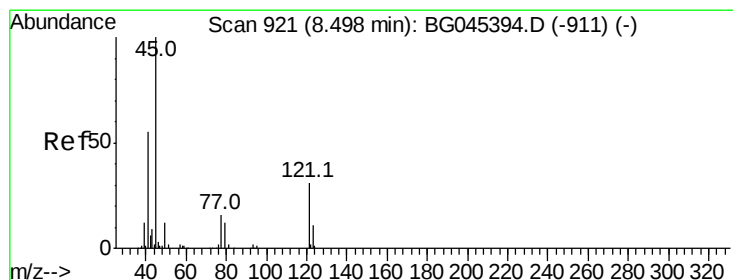
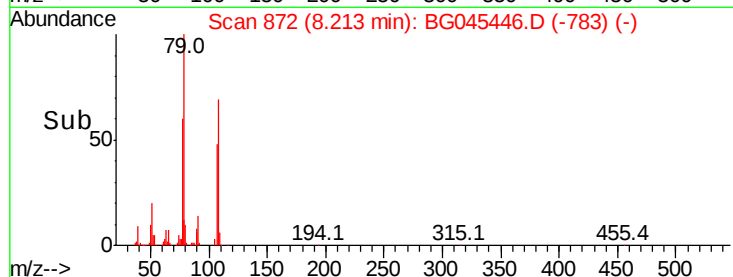
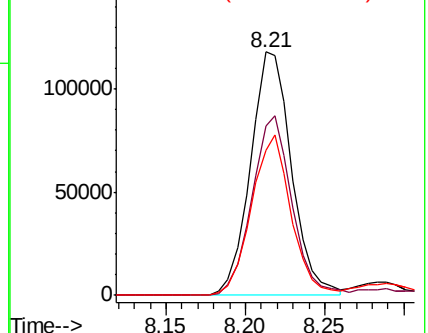
77 59.7 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.966 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

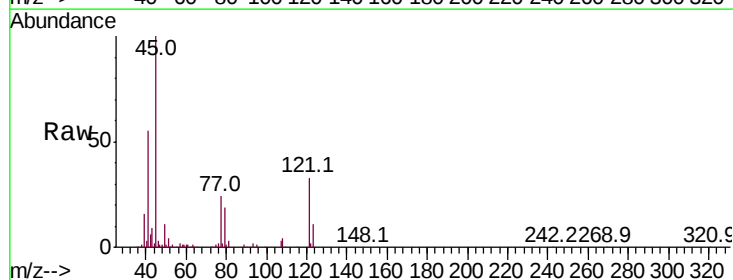
Tgt Ion: 45 Resp: 167503

Ion Ratio Lower Upper

45 100

77 23.5 4.0 44.0

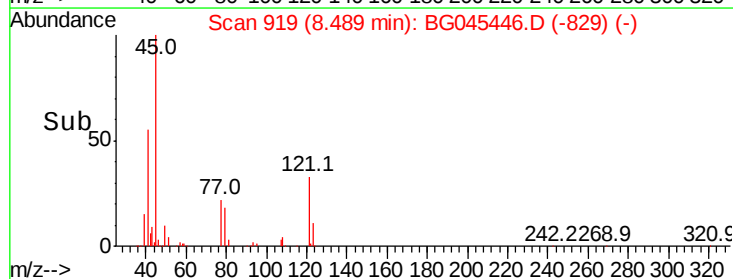
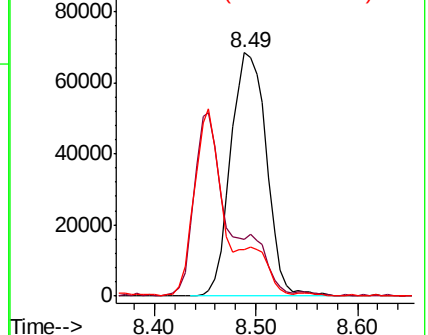
79 19.2 0.0 38.6

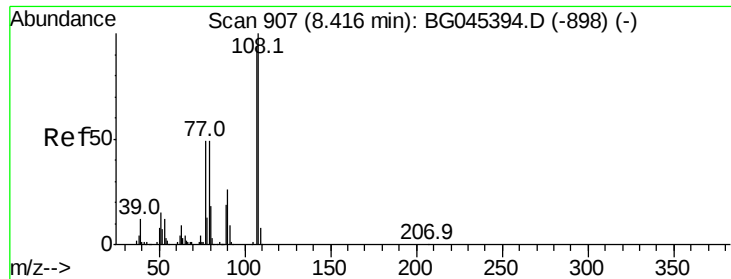


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.072 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

Tot Ion:107 Resp: 177089

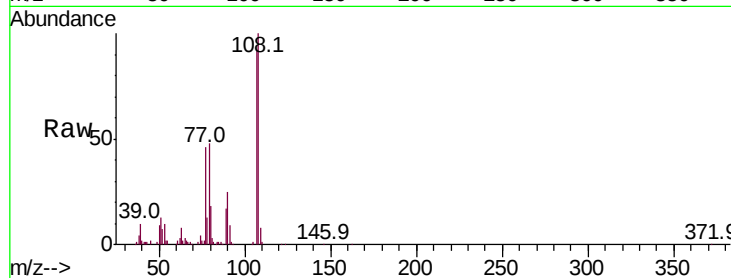
Ion Ratio Lower Upper

107 100

108 109.3 85.2 127.8

77 50.8 41.6 62.4

79 52.1 41.8 62.8

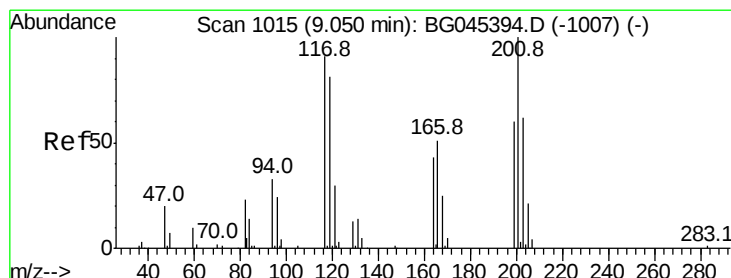
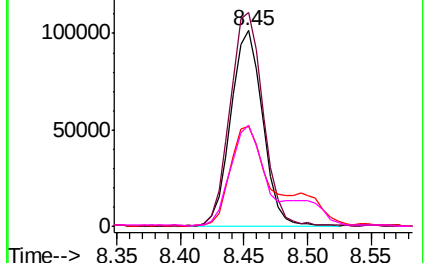
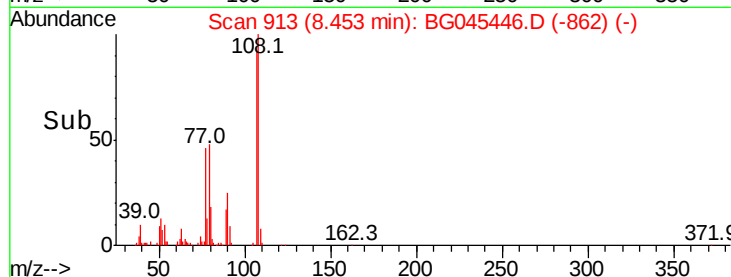


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 45.995 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

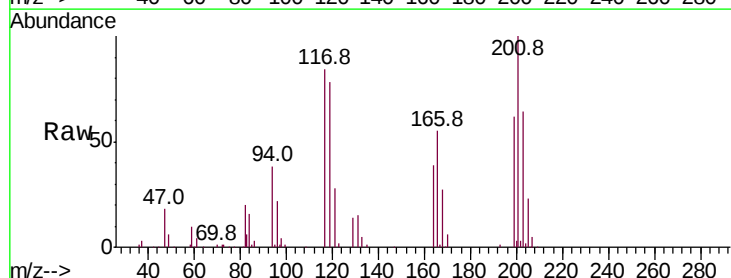
Tgt Ion:117 Resp: 76867

Ion Ratio Lower Upper

117 100

119 91.8 71.3 106.9

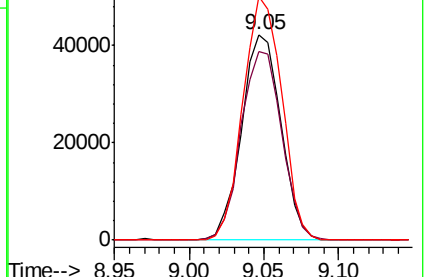
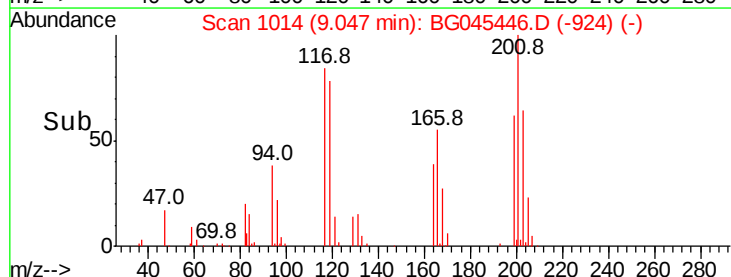
201 118.4 87.5 131.3

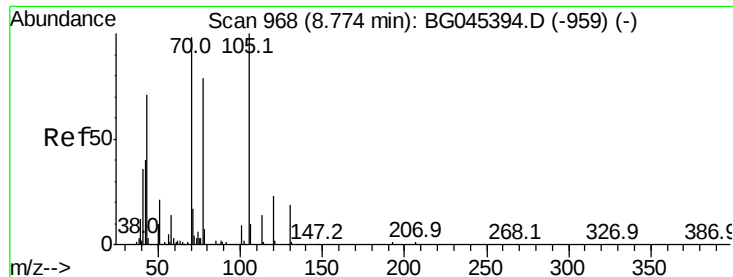


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

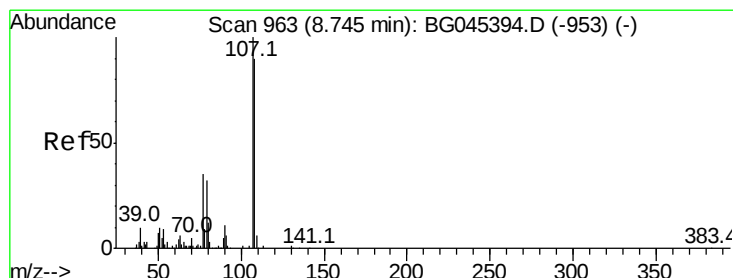
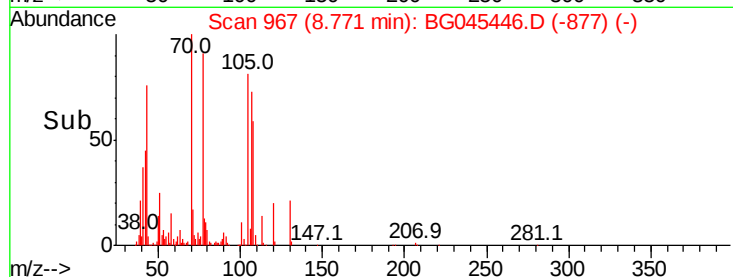
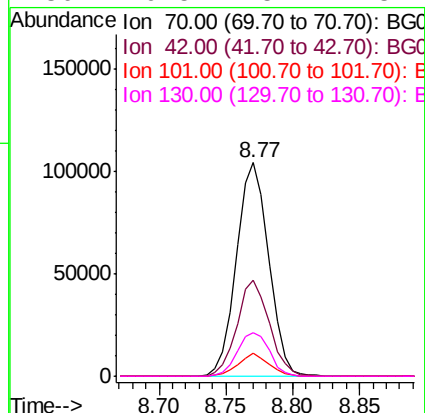
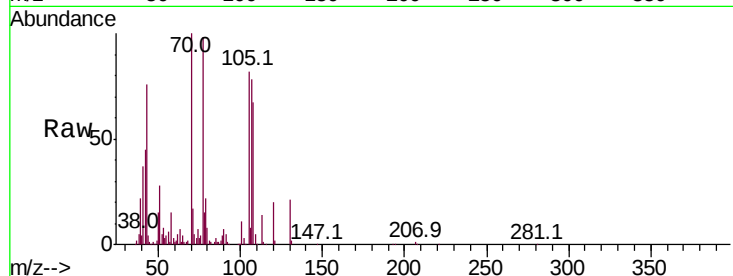




#19
n-Nitroso-di-n-propylamine
Concen: 52.784 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

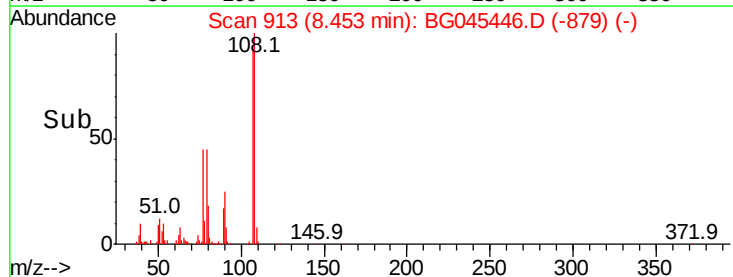
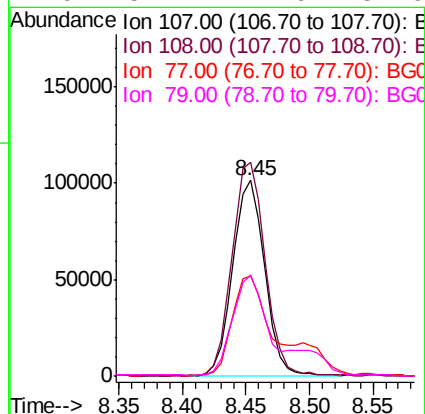
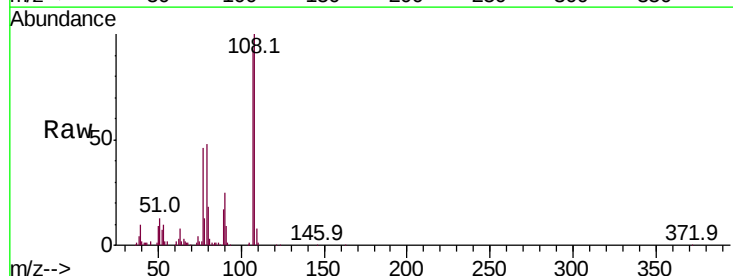
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

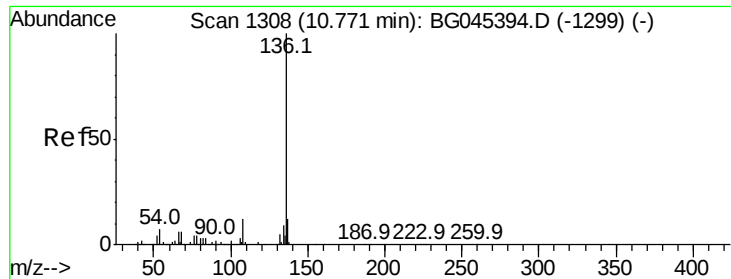
Tot Ion:	70	Resp:	174305
Ion	Ratio	Lower	Upper
70	100		
42	44.8	33.2	49.8
101	10.5	7.8	11.6
130	20.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 35.302 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.33 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:	107	Resp:	177089
Ion	Ratio	Lower	Upper
107	100		
108	109.3	70.3	110.3
77	50.8	15.4	55.4
79	52.1	12.6	52.6

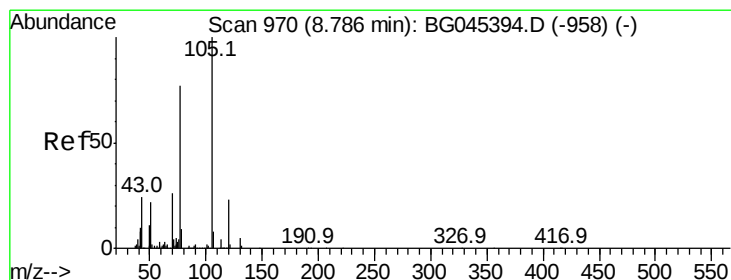
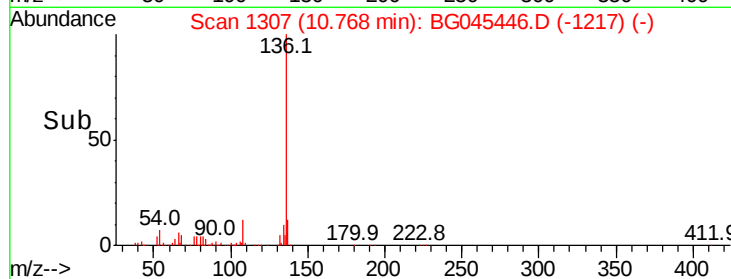
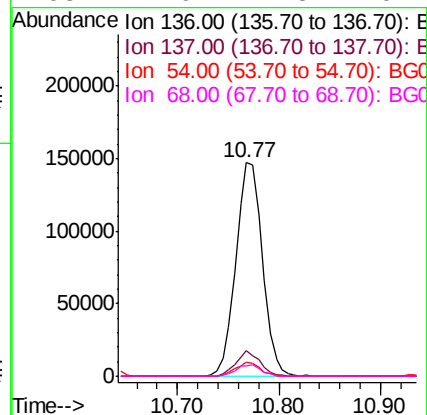
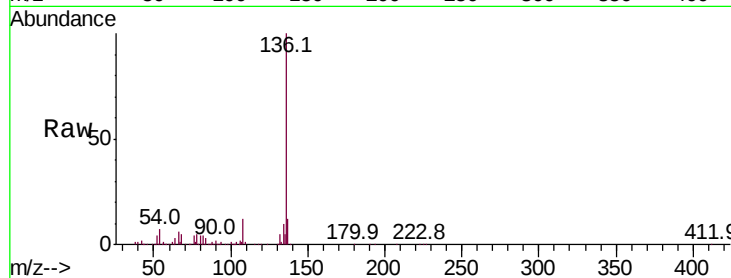




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

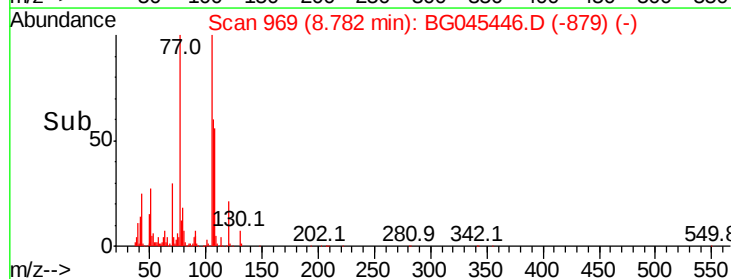
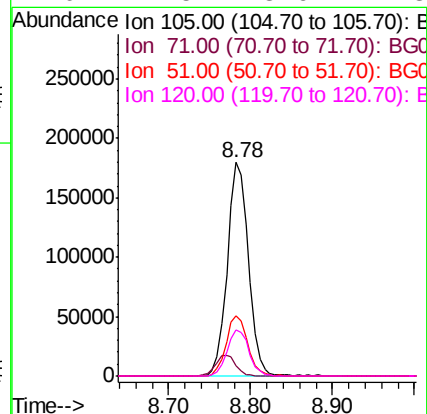
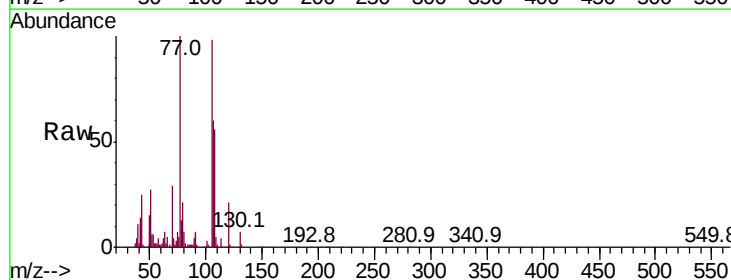
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

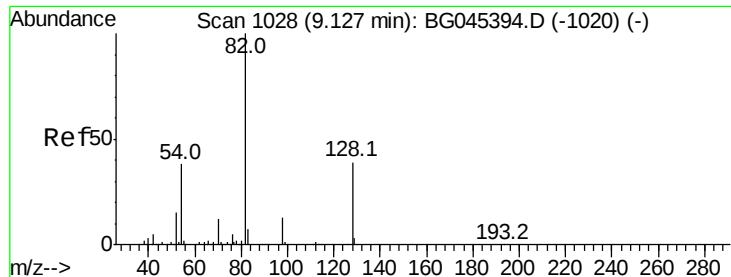
Tot Ion:136	Resp:	267578	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.4	14.2	
54 6.6	5.8	8.6	
68 4.9	4.5	6.7	



#22
Acetophenone
Concen: 50.945 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt	Ion:105	Resp:	323087
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.4	5.0
51	27.9	18.2	27.2#
120	21.5	18.6	27.8





#23

Nitrobenzene-d5

Concen: 101.305 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

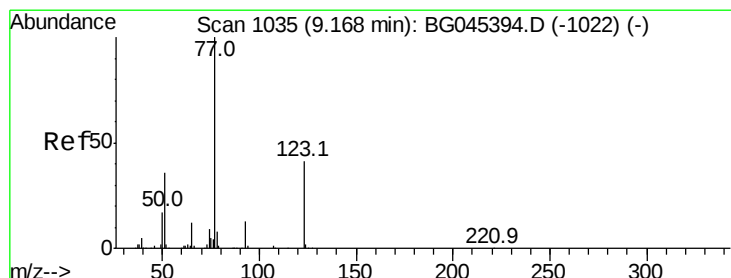
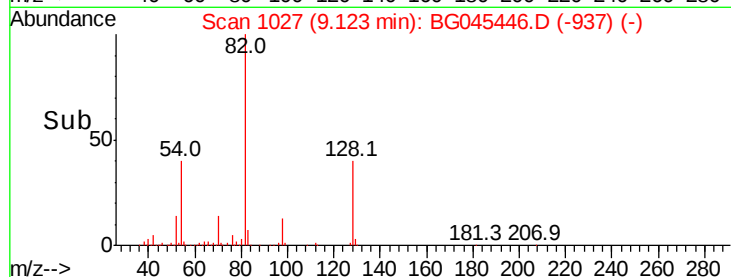
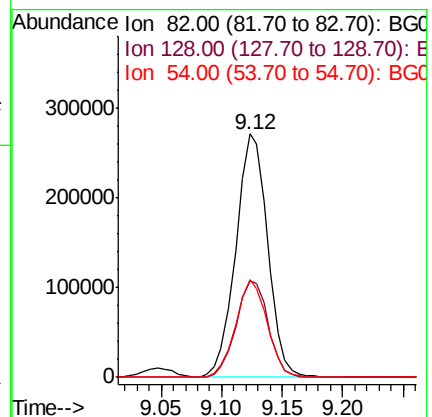
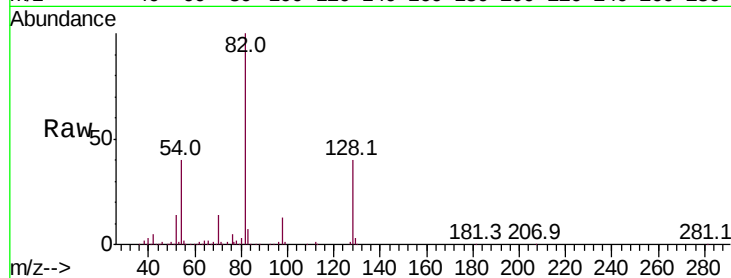
Tot Ion: 82 Resp: 497088

Ion Ratio Lower Upper

82 100

128 39.9 30.9 46.3

54 40.0 30.3 45.5



#24

Nitrobenzene

Concen: 48.559 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

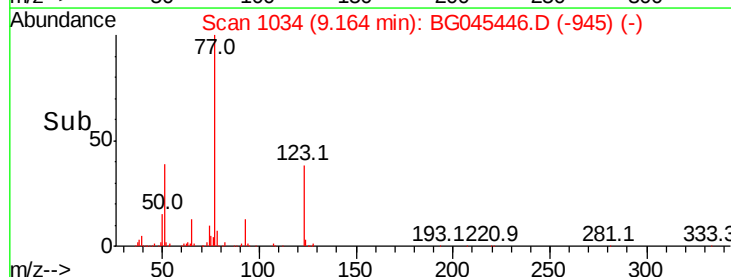
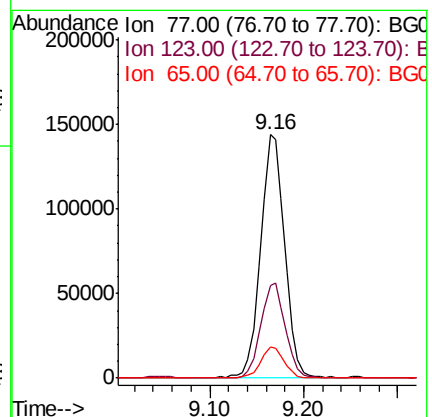
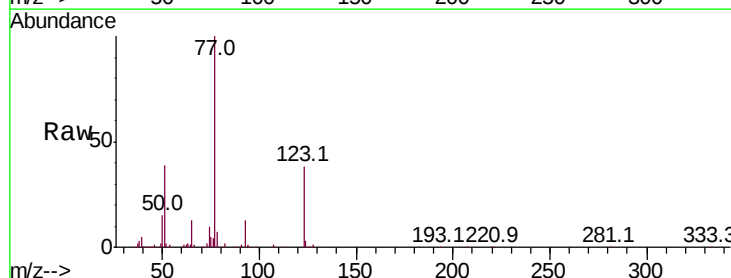
Tgt Ion: 77 Resp: 255282

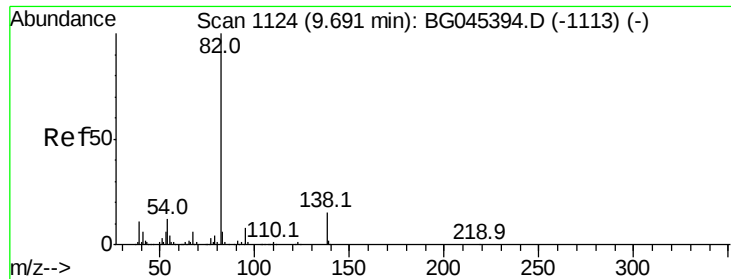
Ion Ratio Lower Upper

77 100

123 38.2 32.9 49.3

65 13.0 9.4 14.2





#25

Isophorone

Concen: 51.463 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

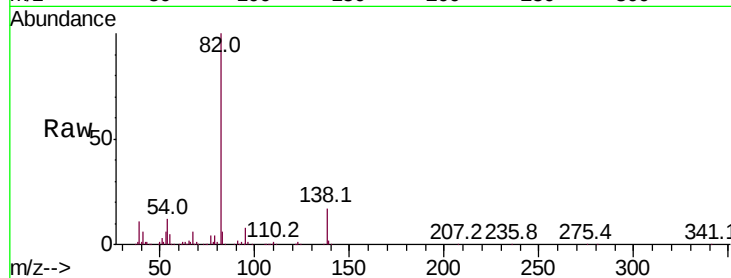
Tot Ion: 82 Resp: 497309

Ion Ratio Lower Upper

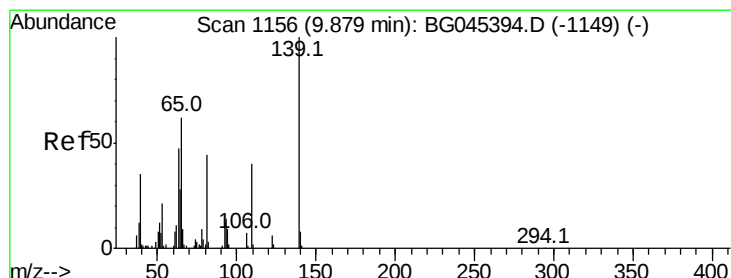
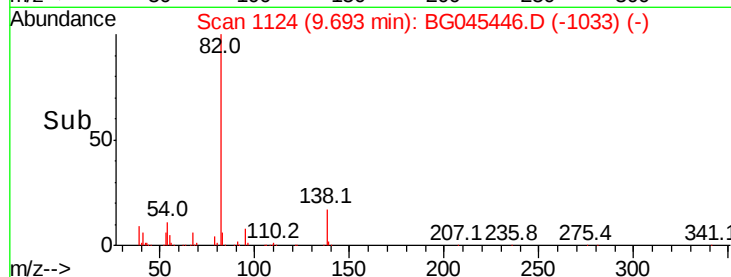
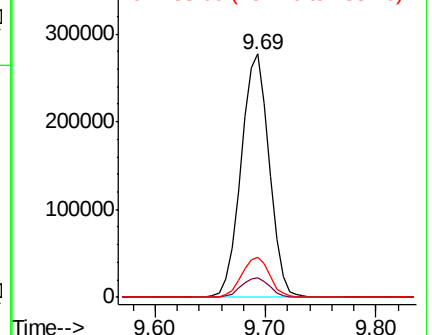
82 100

95 8.1 6.7 10.1

138 16.7 12.2 18.4



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



#26

2-Nitrophenol

Concen: 51.003 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

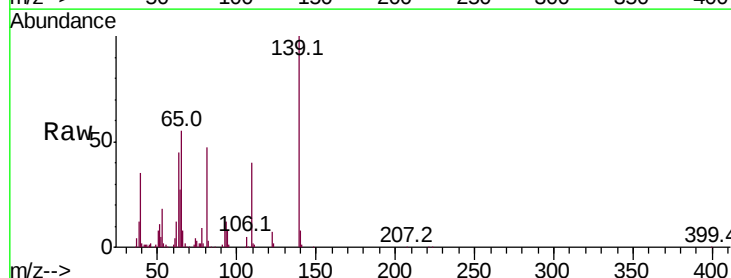
Tgt Ion: 139 Resp: 114701

Ion Ratio Lower Upper

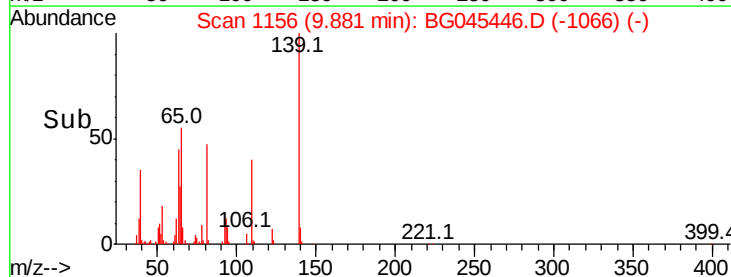
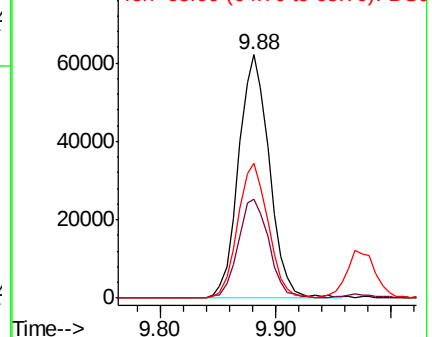
139 100

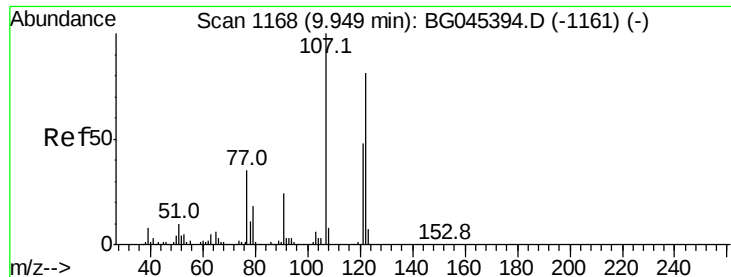
109 40.5 32.2 48.4

65 55.1 49.6 74.4



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





#27

2,4-Dimethylphenol

Concen: 58.962 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

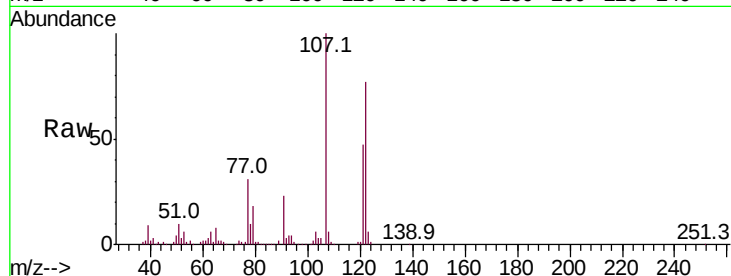
Tot Ion:122 Resp: 196671

Ion Ratio Lower Upper

122 100

107 130.2 99.0 148.4

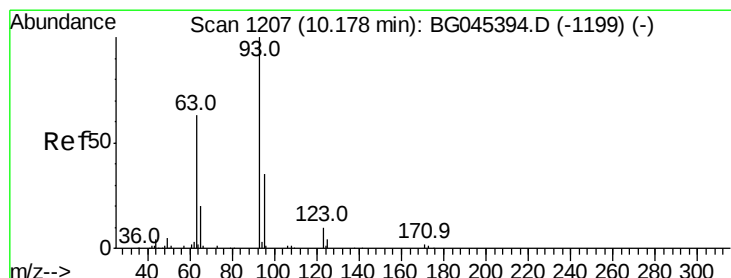
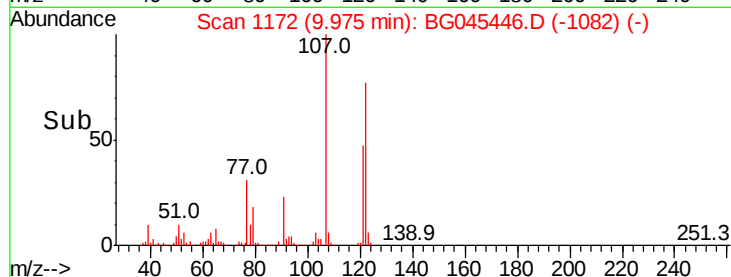
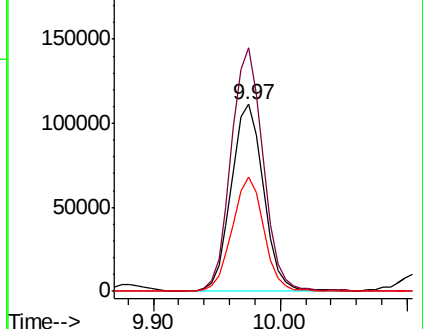
121 61.0 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.815 ng

RT: 10.17 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

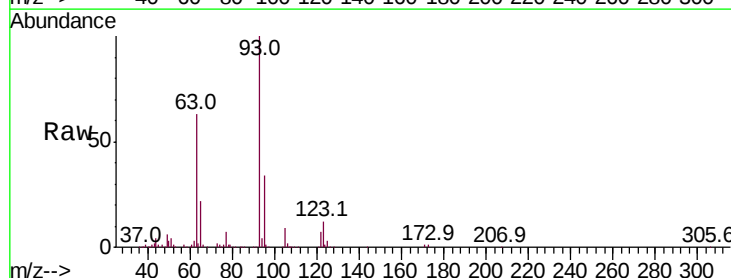
Tgt Ion: 93 Resp: 267659

Ion Ratio Lower Upper

93 100

95 33.7 27.6 41.4

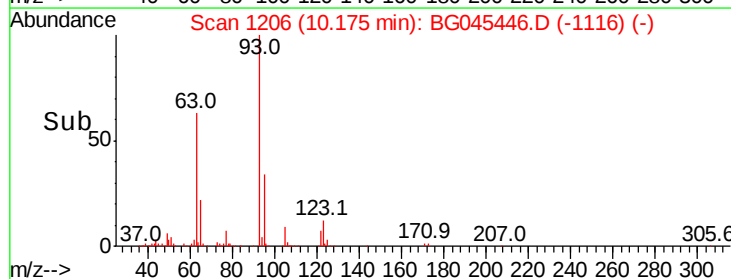
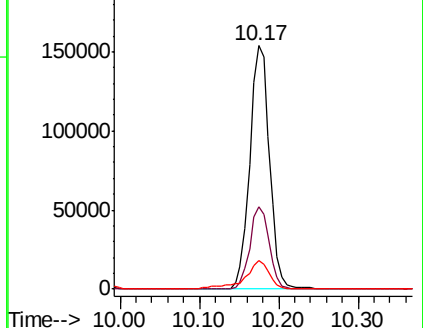
123 11.6 8.1 12.1

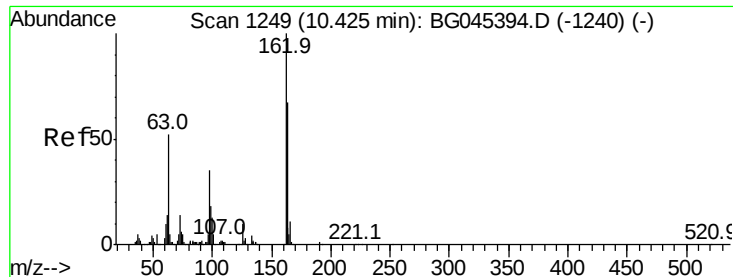


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.638 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

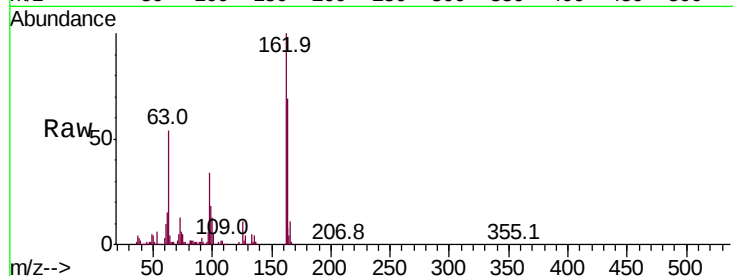
Tot Ion:162 Resp: 215211

Ion Ratio Lower Upper

162 100

164 68.8 46.8 86.8

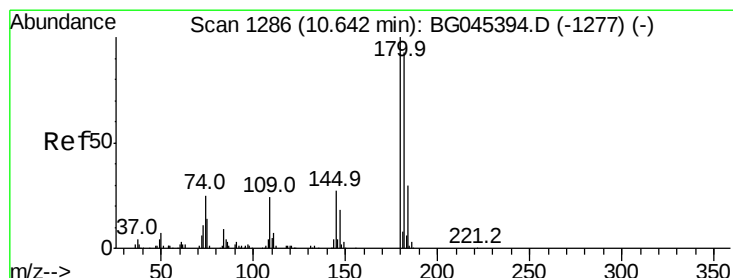
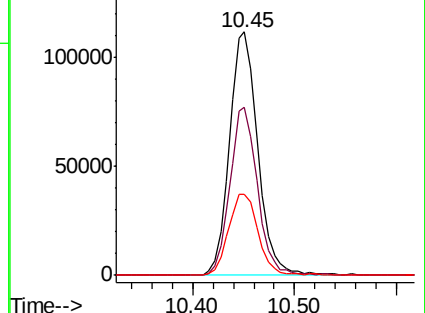
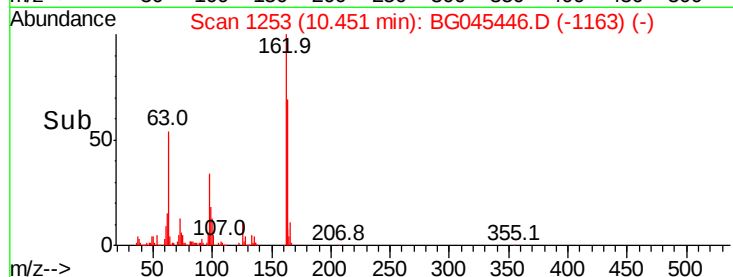
98 33.5 15.2 55.2



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 49.396 ng

RT: 10.63 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

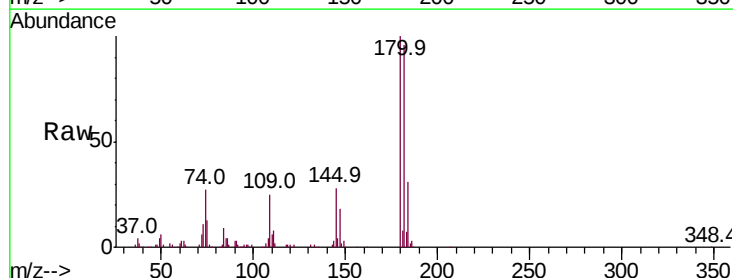
Tgt Ion:180 Resp: 229905

Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

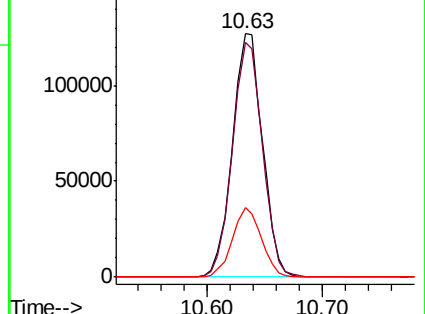
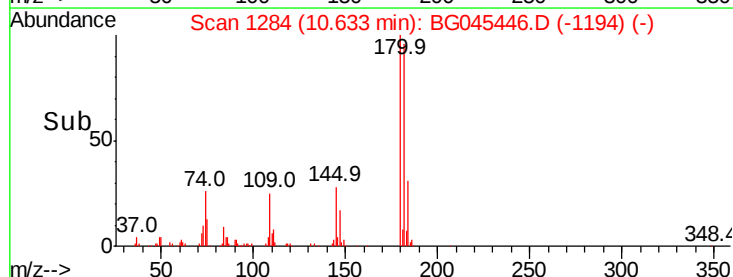
145 28.5 21.9 32.9

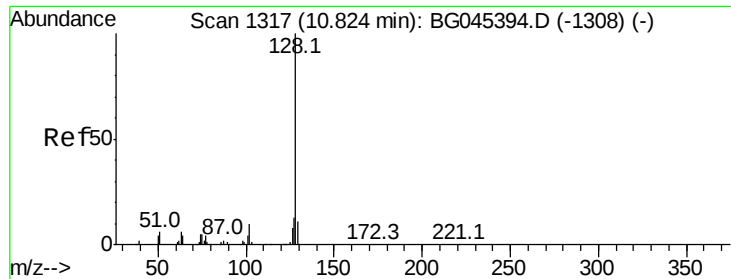


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

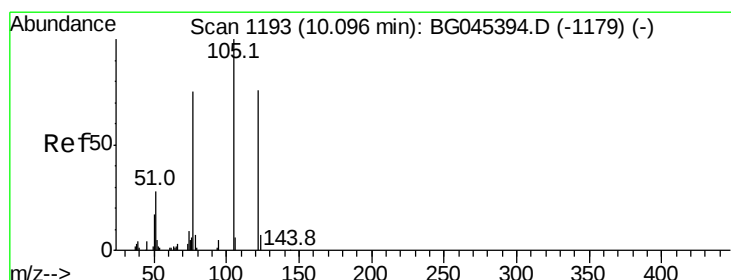
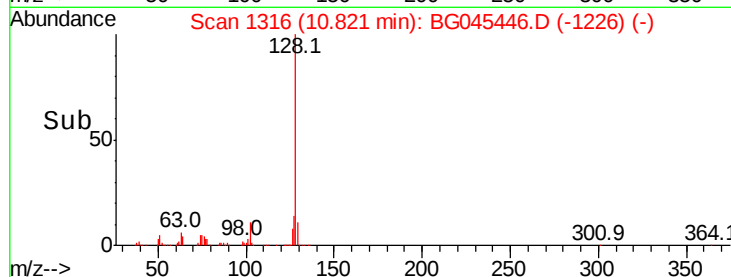
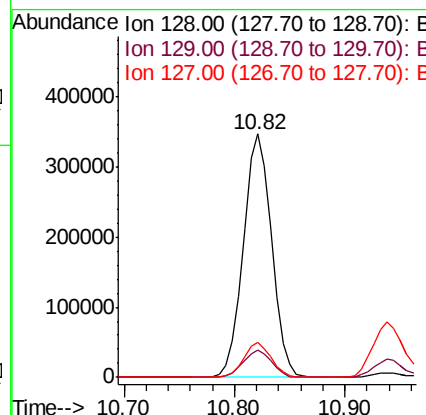
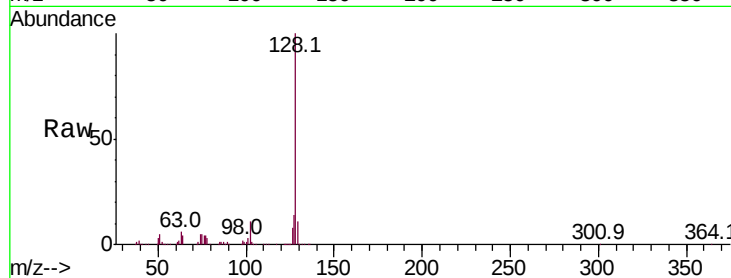




#31
Naphthalene
Concen: 50.088 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

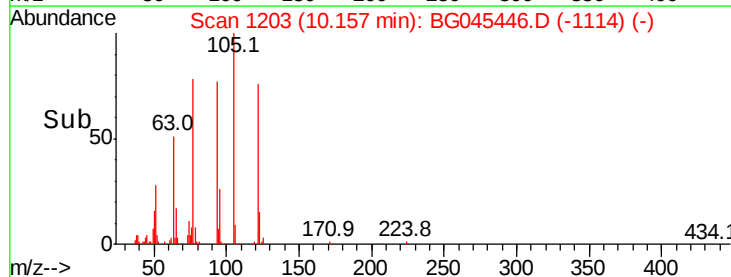
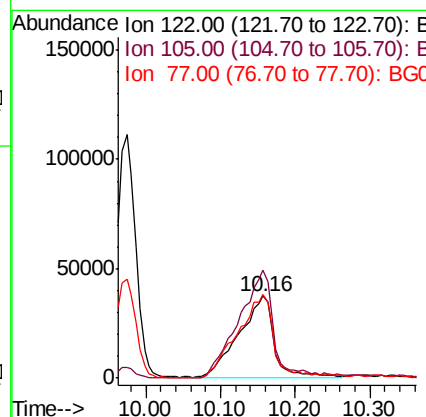
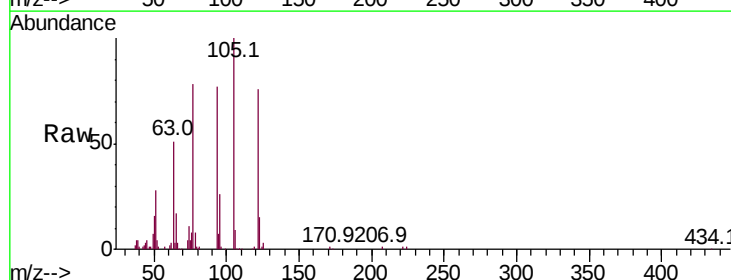
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

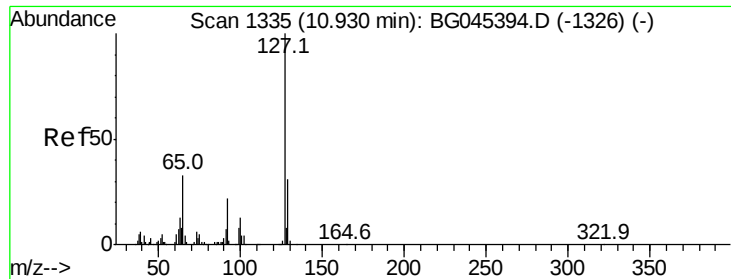
Tot Ion:128 Resp: 624546
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.4 10.7 16.1



#32
Benzoic acid
Concen: 51.995 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:122 Resp: 120345
Ion Ratio Lower Upper
122 100
105 131.9 107.9 147.9
77 102.8 78.9 118.9

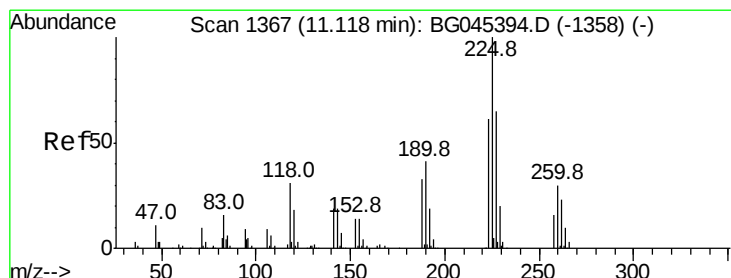
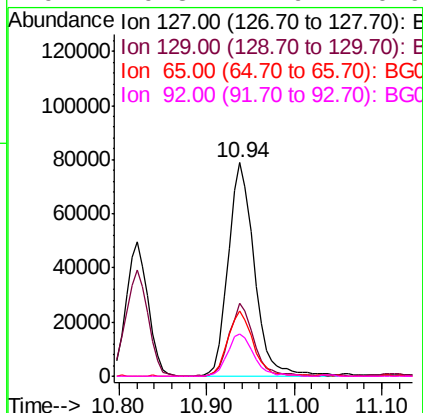
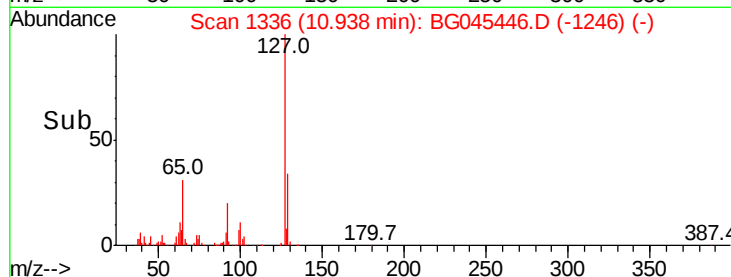
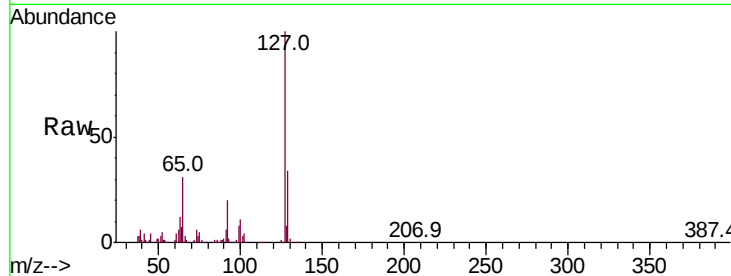




#33
4-Chloroaniline
Concen: 30.584 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

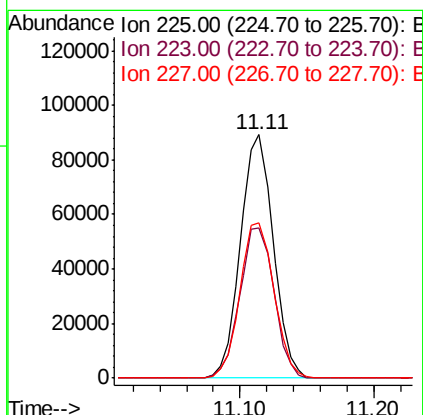
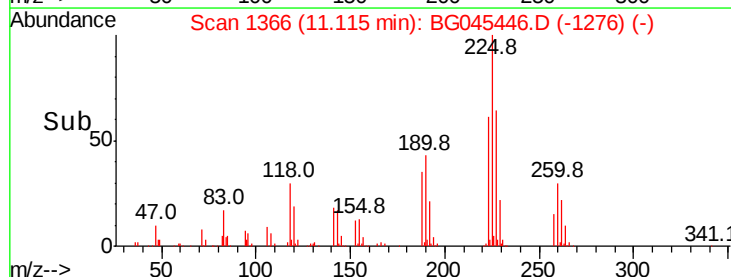
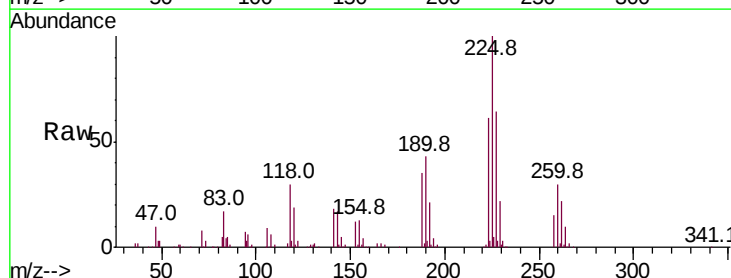
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

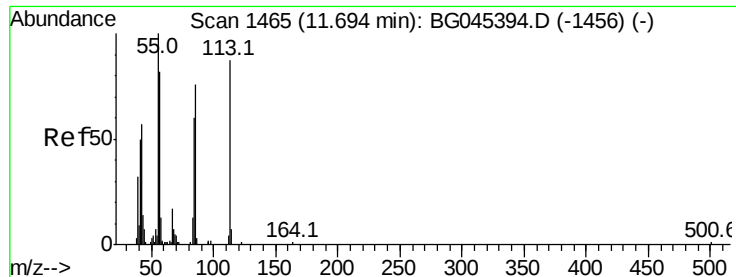
Tot Ion:	127	Resp:	159407
Ion	Ratio	Lower	Upper
127	100		
129	34.1	24.7	37.1
65	30.6	26.2	39.2
92	19.8	17.9	26.9



#34
Hexachlorobutadiene
Concen: 46.084 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:	225	Resp:	151617
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	63.7	52.0	78.0





#35

Caprolactam

Concen: 22.381 ng

RT: 11.70 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

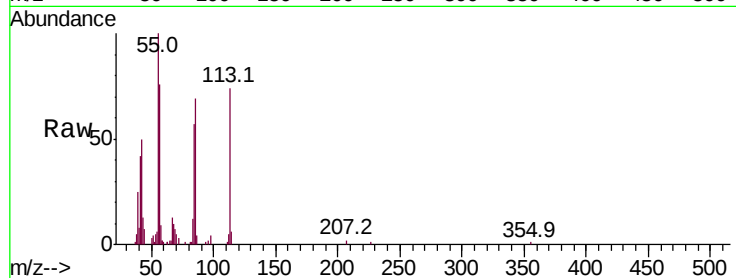
Tot Ion:113 Resp: 32357

Ion Ratio Lower Upper

113 100

55 134.5 96.0 136.0

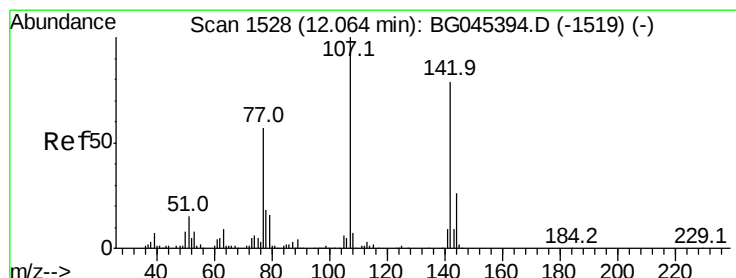
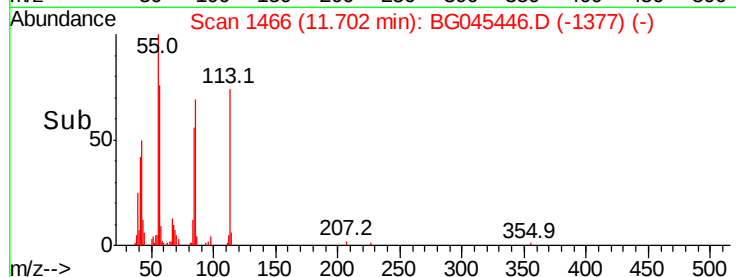
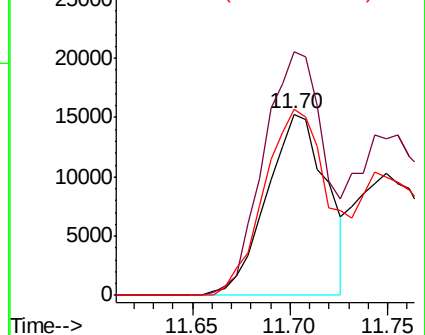
56 102.6 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 56.947 ng

RT: 12.10 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

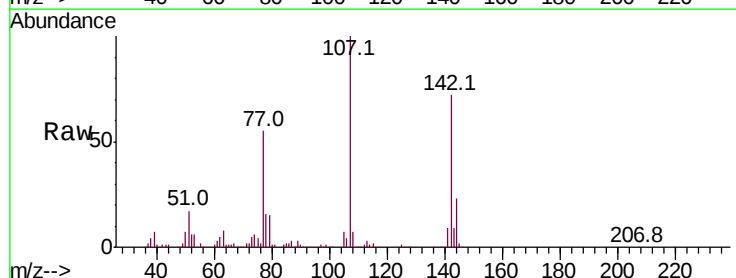
Tgt Ion:107 Resp: 252757

Ion Ratio Lower Upper

107 100

144 22.9 20.8 31.2

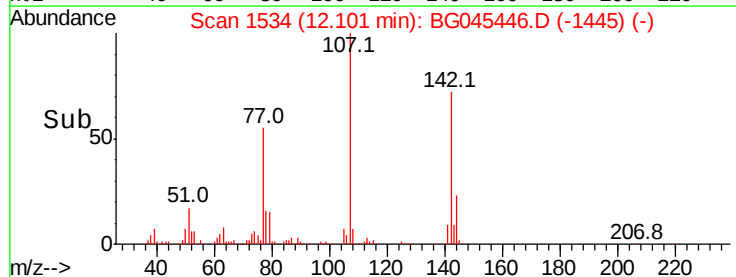
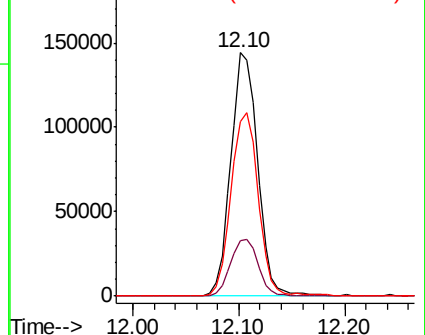
142 71.8 62.8 94.2

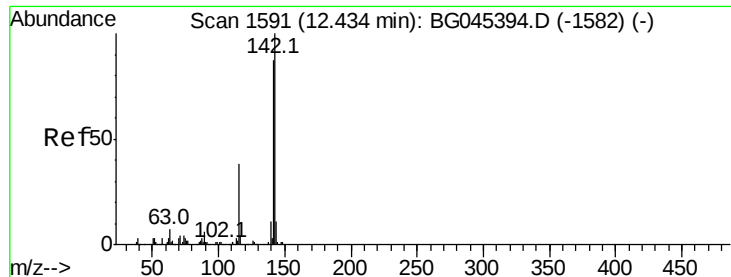


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

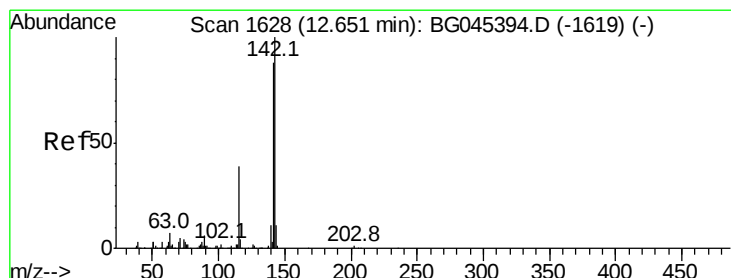
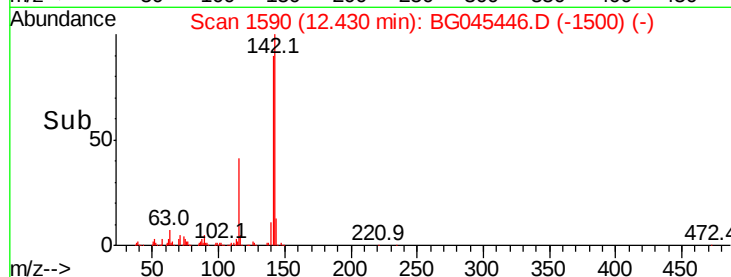
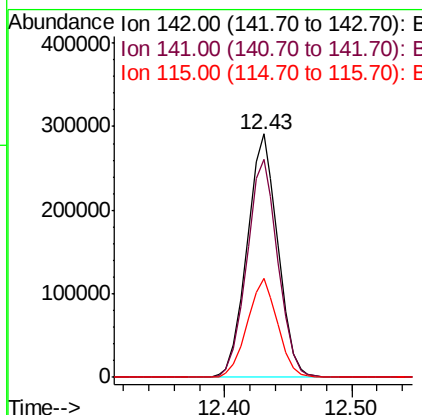
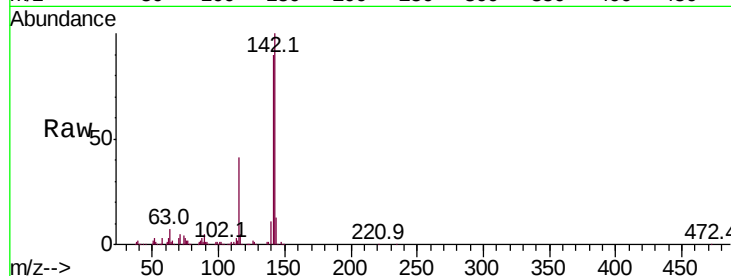




#37
2-Methylnaphthalene
Concen: 52.872 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

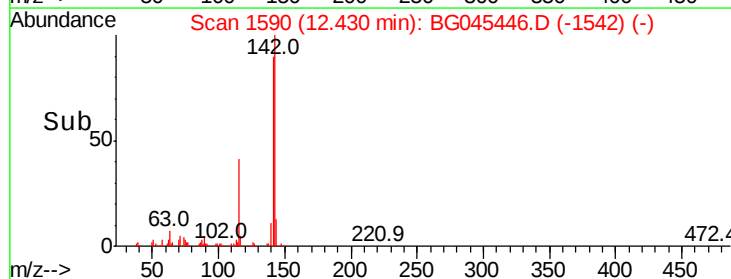
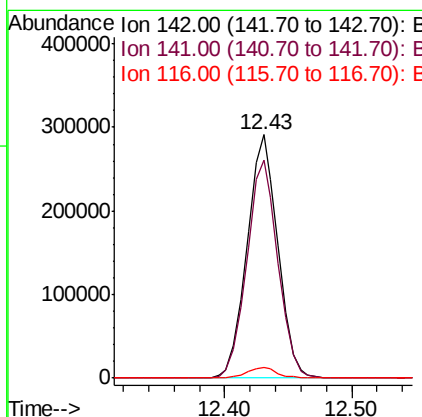
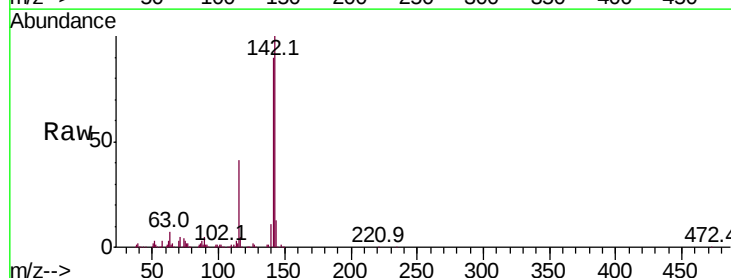
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

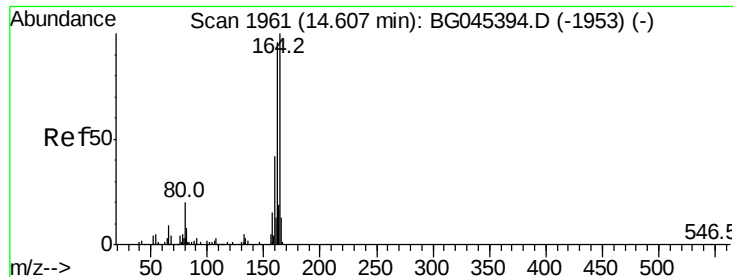
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	40.9	30.8	46.2



#38
1-Methylnaphthalene
Concen: 55.971 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.22 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

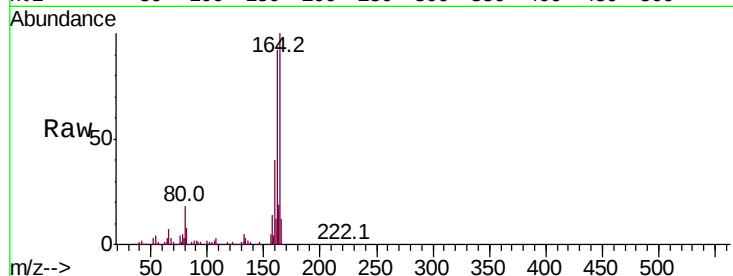
Tot Ion:164 Resp: 203236

Ion Ratio Lower Upper

164 100

162 91.9 76.9 115.3

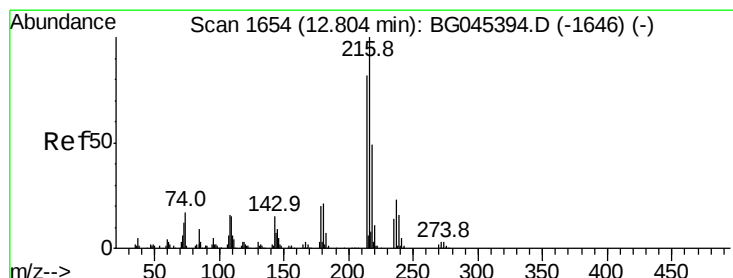
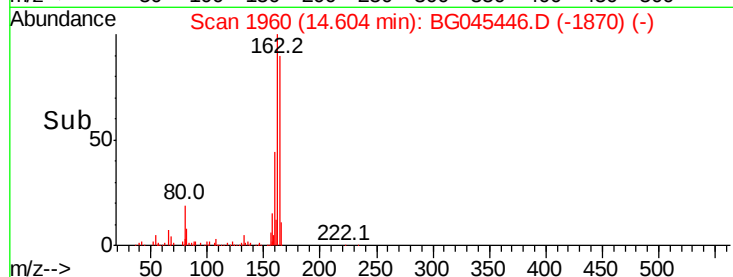
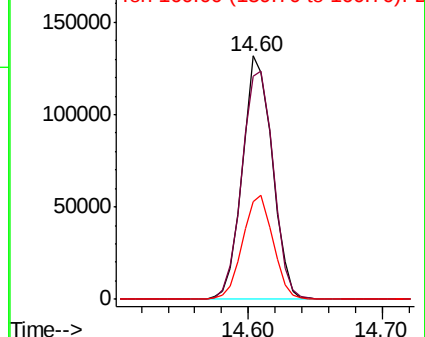
160 40.3 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.667 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Tgt Ion:216 Resp: 281943

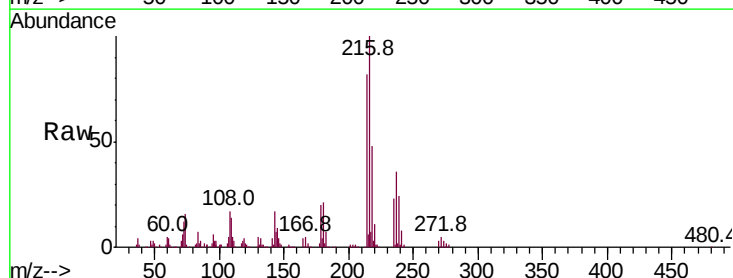
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 20.4 16.1 24.1

108 19.2 13.8 20.6

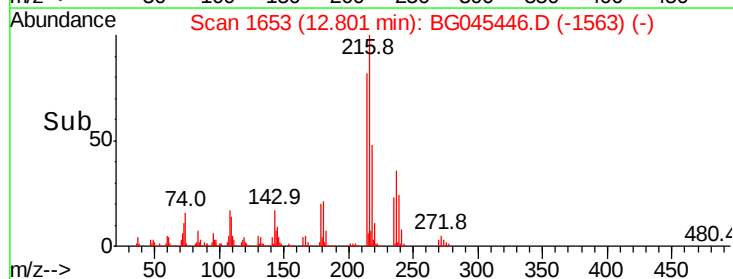
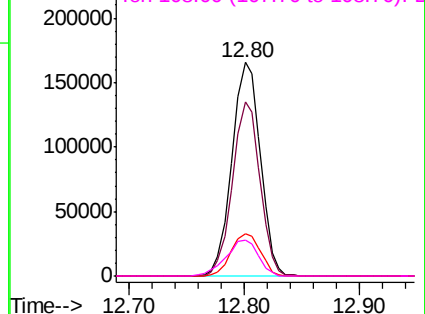


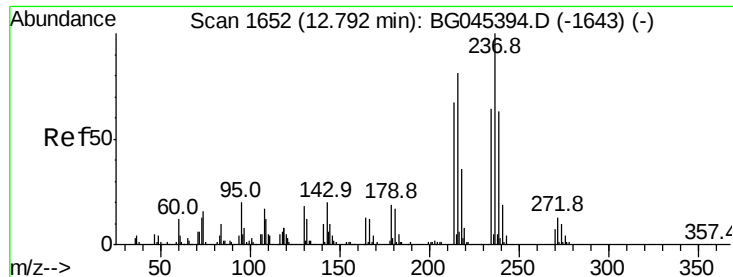
Abundance Ion 216.00 (215.70 to 216.70): E

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: 109.571 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

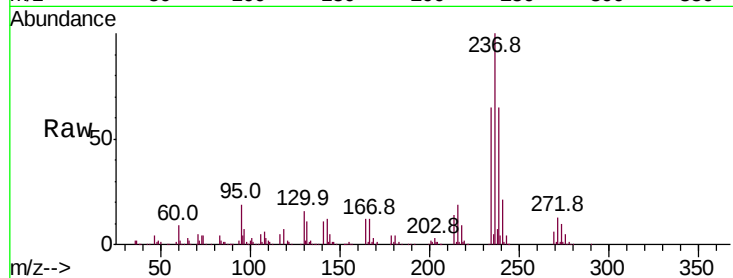
Tot Ion:237 Resp: 359008

Ion Ratio Lower Upper

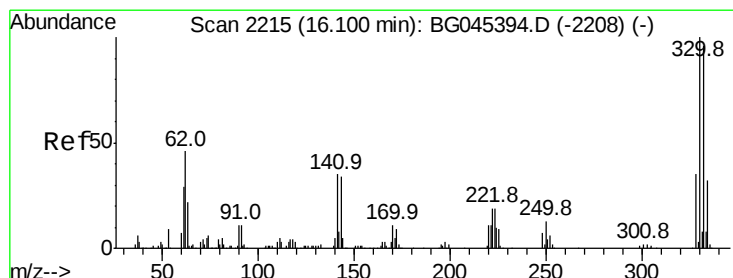
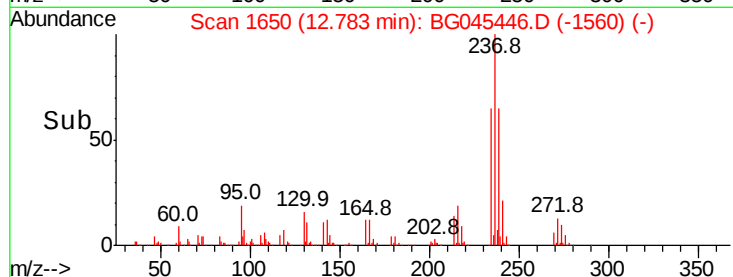
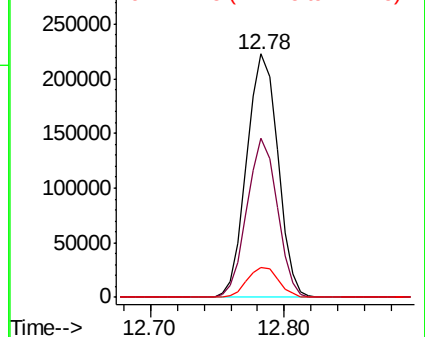
237 100

235 65.2 44.4 84.4

272 12.5 0.0 32.5



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: 161.261 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

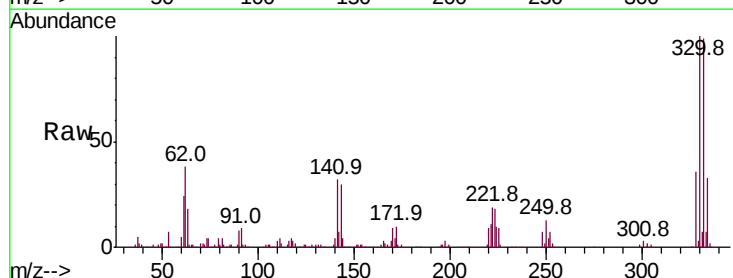
Tgt Ion:330 Resp: 419143

Ion Ratio Lower Upper

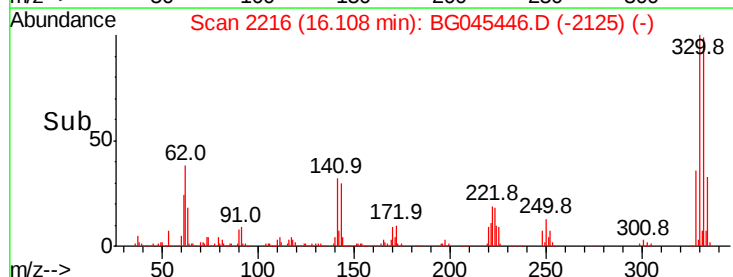
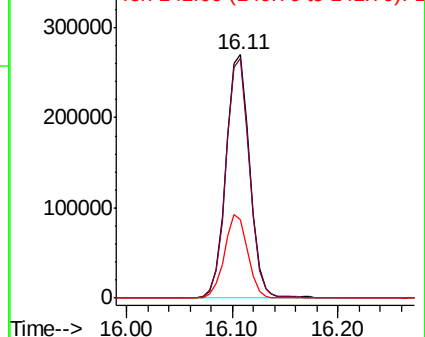
330 100

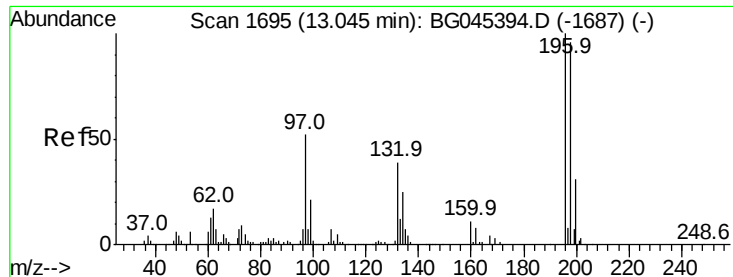
332 98.2 78.2 117.4

141 33.8 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

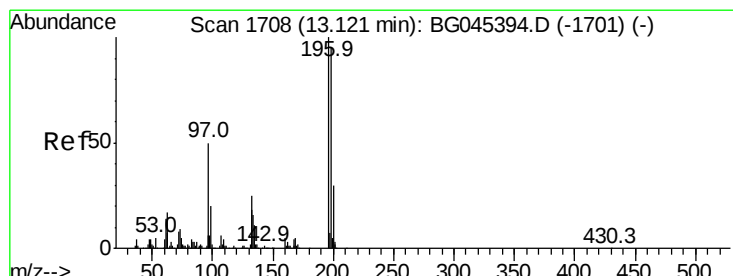
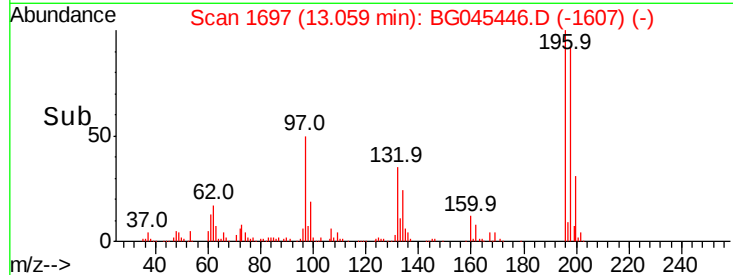
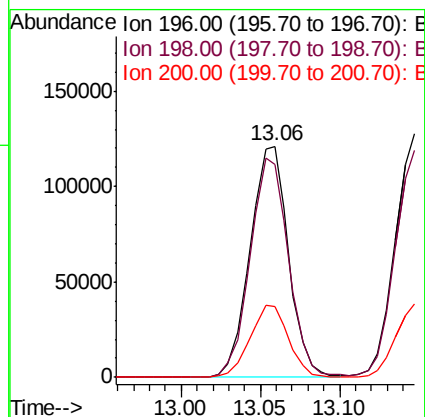
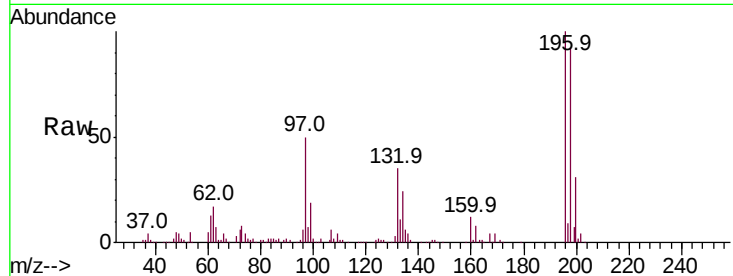




#43
 2,4,6-Trichlorophenol
 Concen: 51.711 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

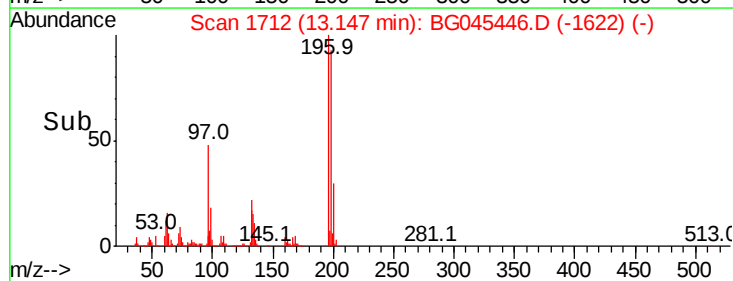
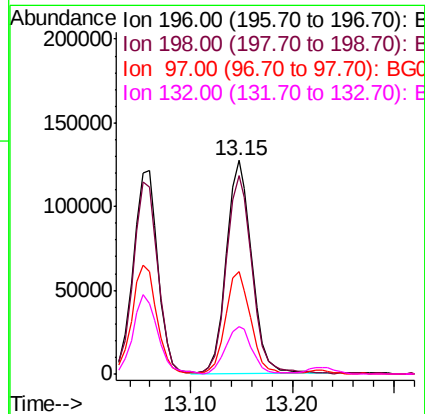
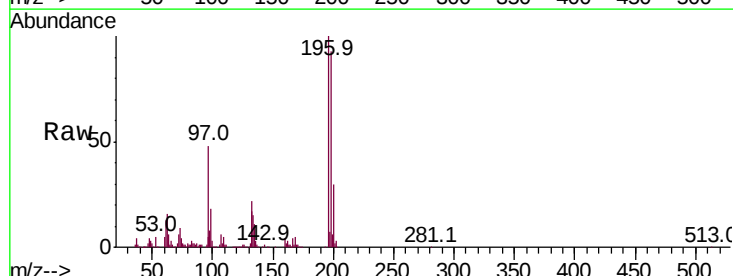
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

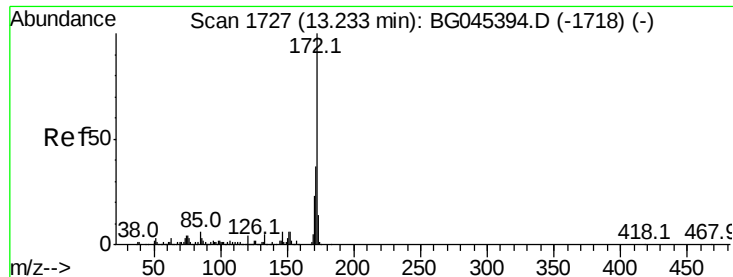
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.7	115.1
200	30.7	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.957 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.1	114.1
97	48.0	40.0	60.0
132	22.3	20.2	30.2

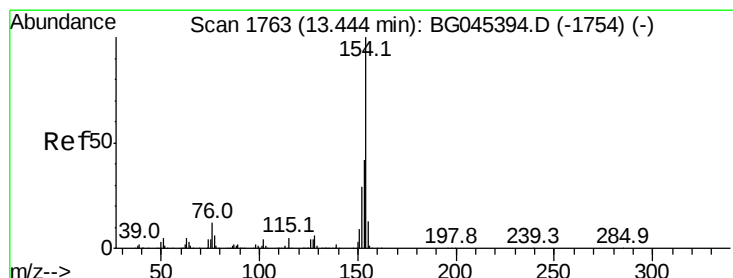
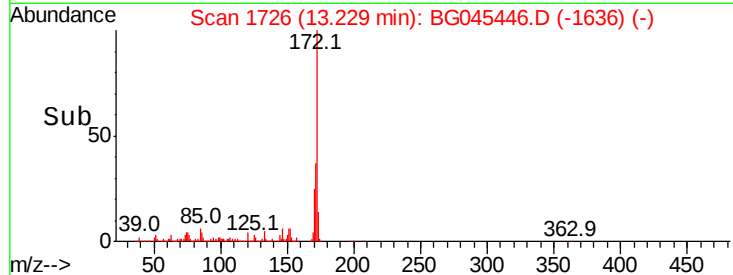
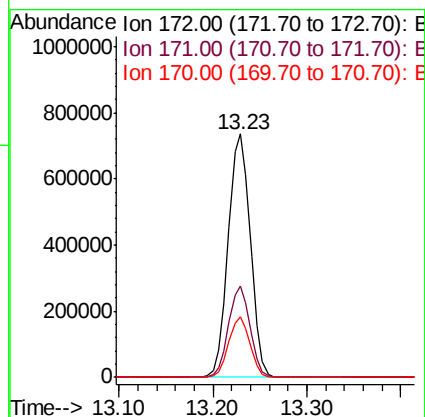
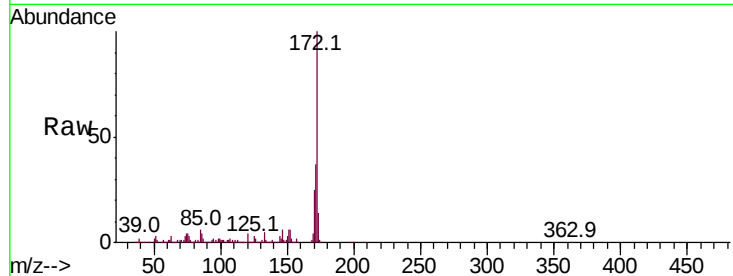




#45
 2-Fluorobiphenyl
 Concen: 100.285 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

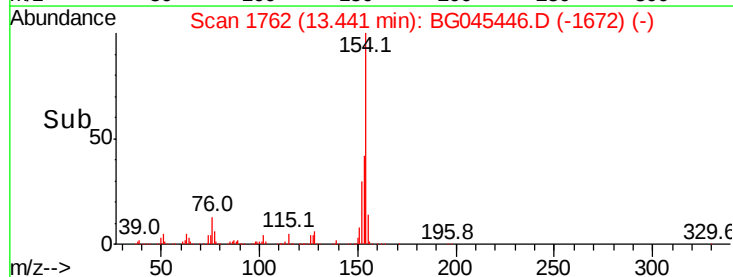
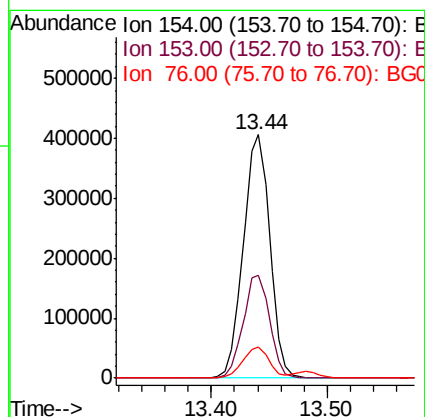
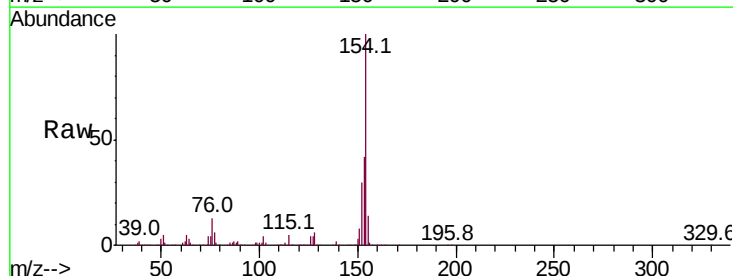
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

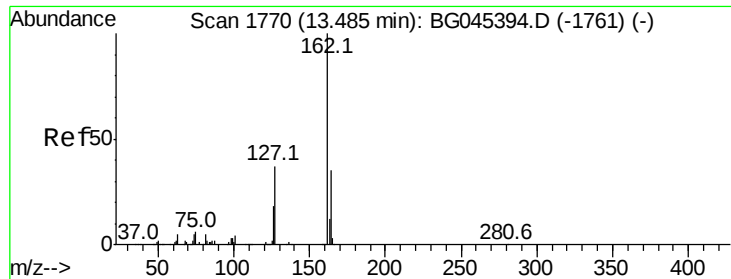
Tot Ion:172 Resp: 1201591
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 24.8 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 51.966 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion:154 Resp: 648950
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.2 62.2
 76 12.8 0.0 32.4





#47

2-Chloronaphthalene

Concen: 48.512 ng

RT: 13.48 min Scan# 1769

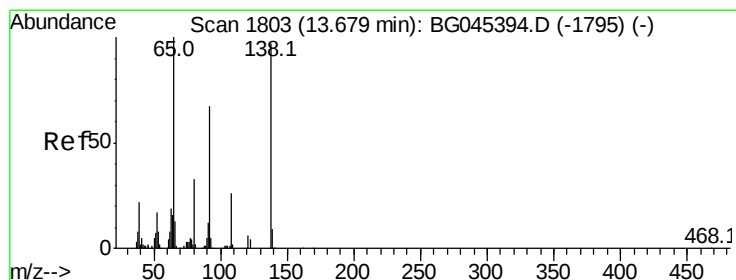
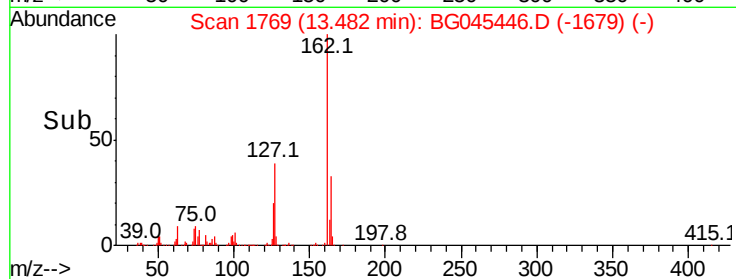
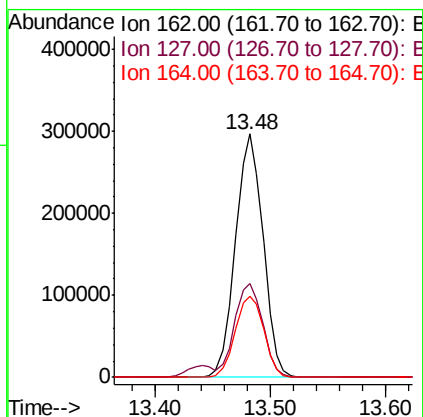
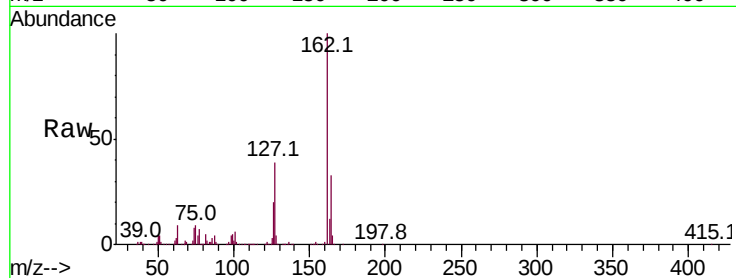
Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.6	47.4
164	33.4	28.1	42.1



#48

2-Nitroaniline

Concen: 49.379 ng

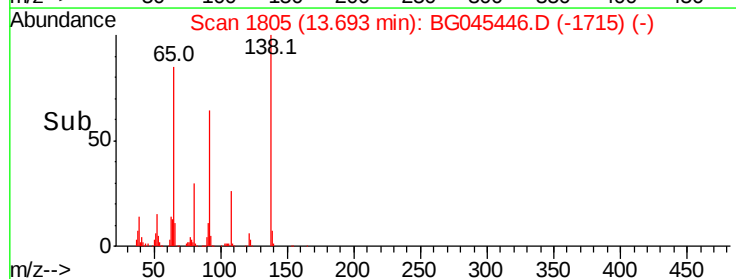
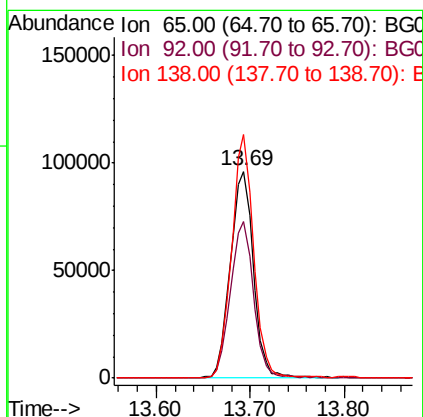
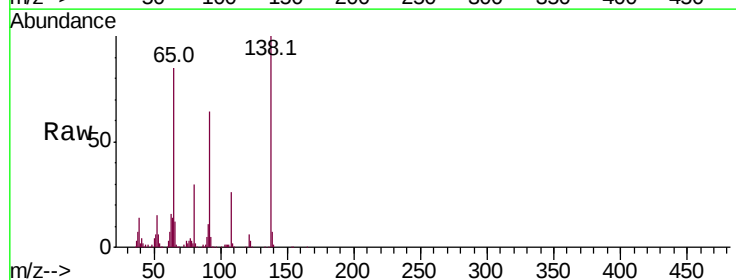
RT: 13.69 min Scan# 1805

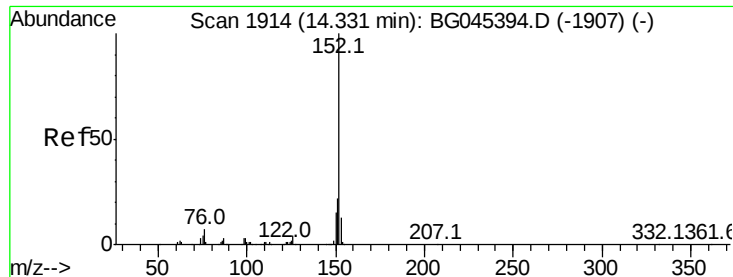
Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.8	80.8
138	117.6	77.9	116.9#





#49

Acenaphthylene

Concen: 51.836 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

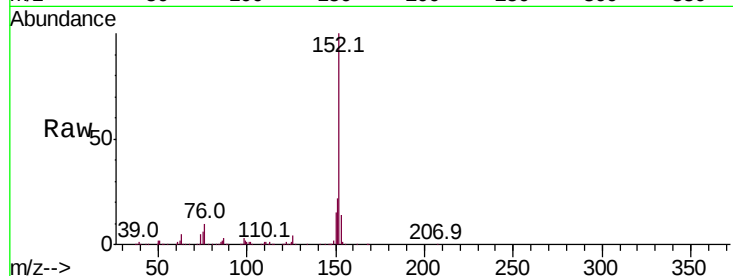
Tot Ion:152 Resp: 844329

Ion Ratio Lower Upper

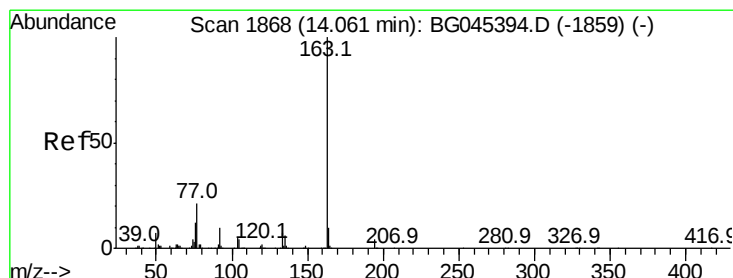
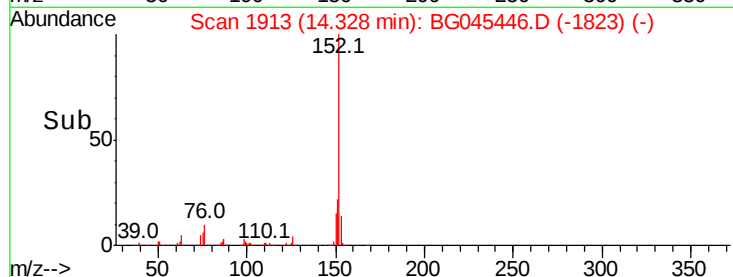
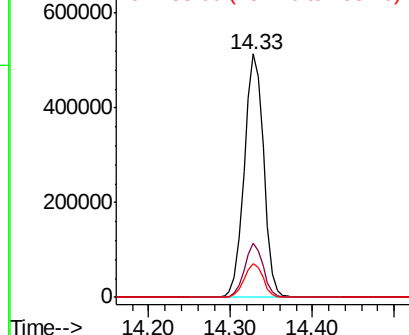
152 100

151 22.2 17.4 26.2

153 14.0 10.7 16.1



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: 51.227 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

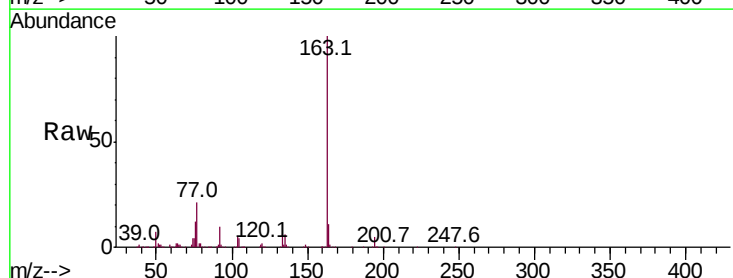
Tgt Ion:163 Resp: 714205

Ion Ratio Lower Upper

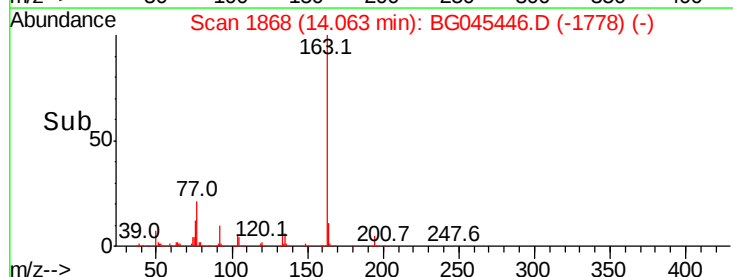
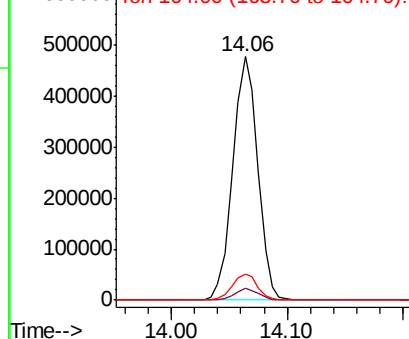
163 100

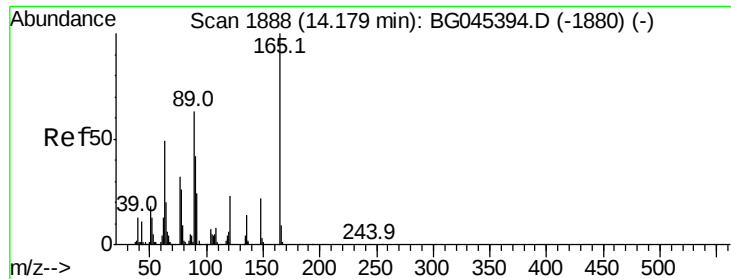
194 4.7 3.2 4.8

164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

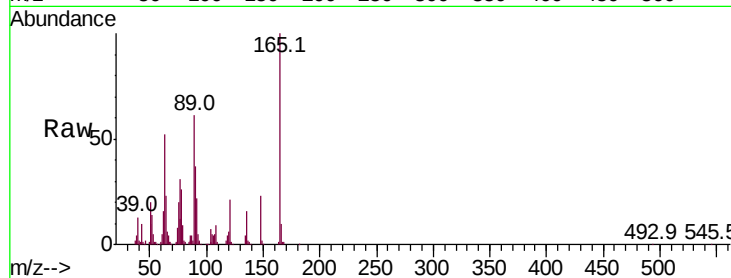




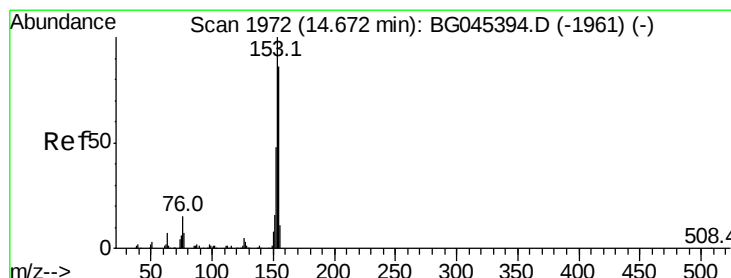
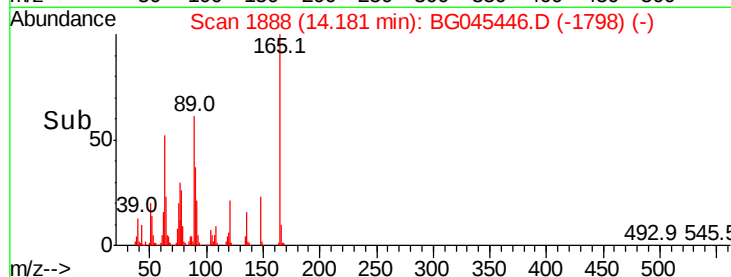
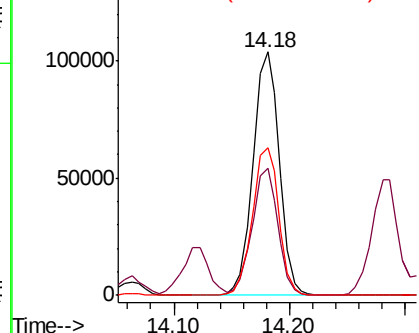
#51
 2,6-Dinitrotoluene
 Concen: 52.233 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	45.0	67.4
89	60.6	50.2	75.4

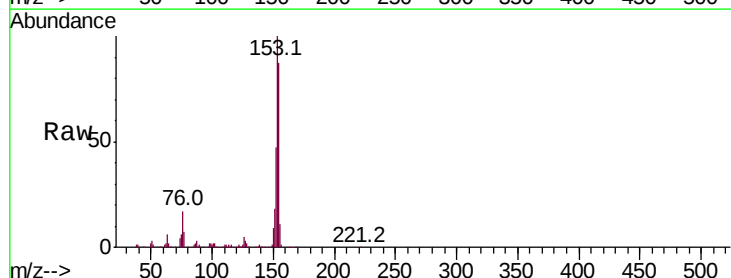


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

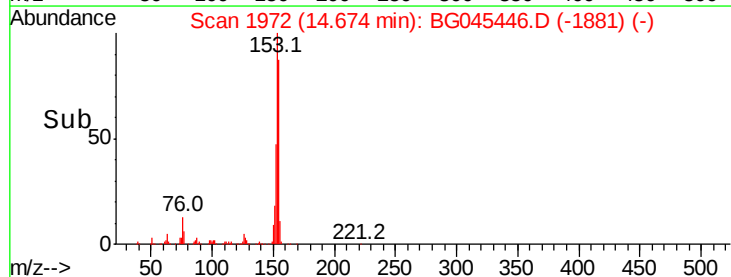
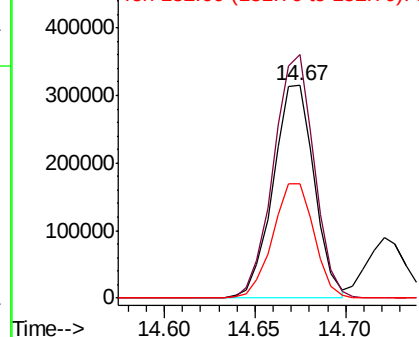


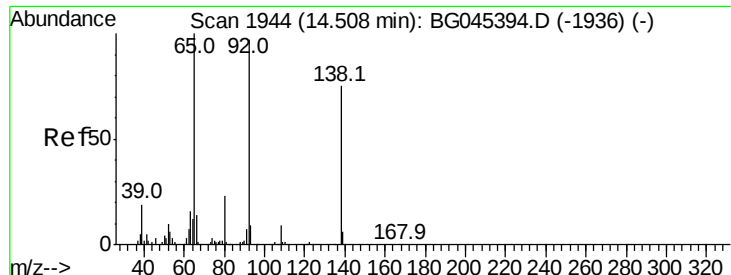
#52
 Acenaphthene
 Concen: 45.576 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.8	139.2
152	53.7	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

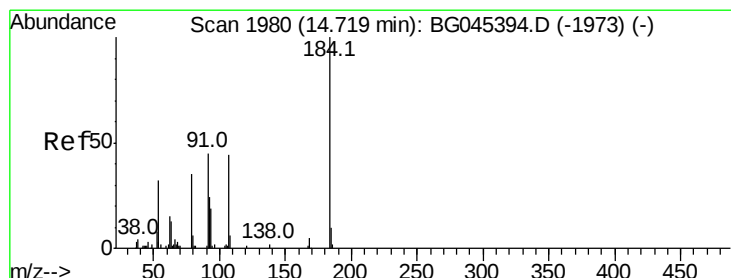
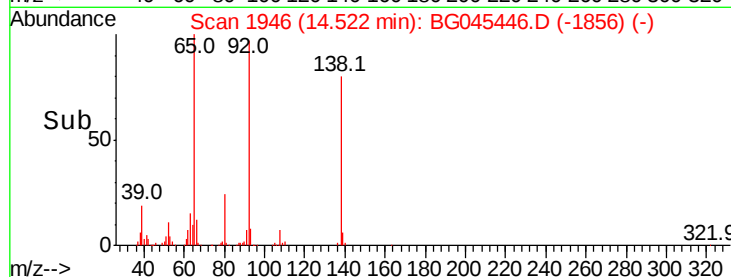
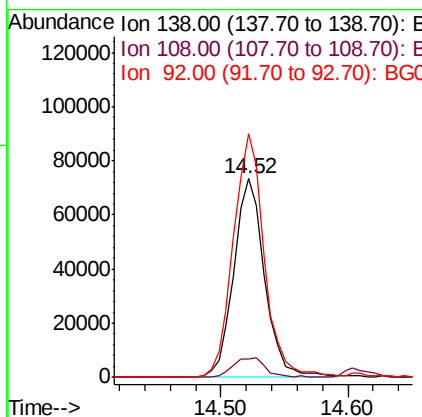
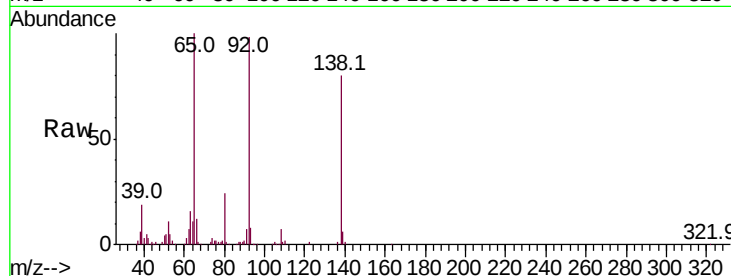




#53
3-Nitroaniline
Concen: 38.487 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

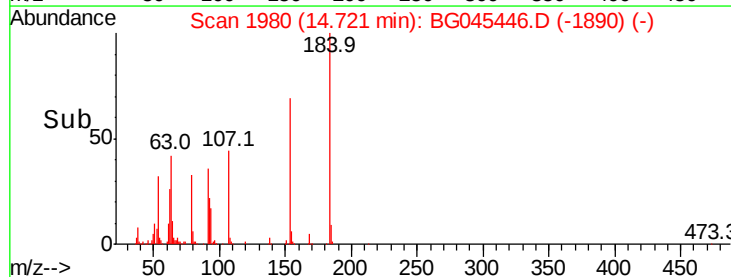
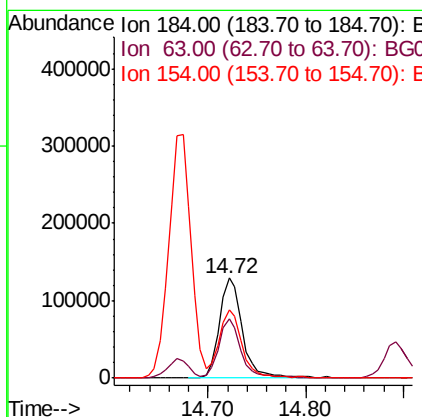
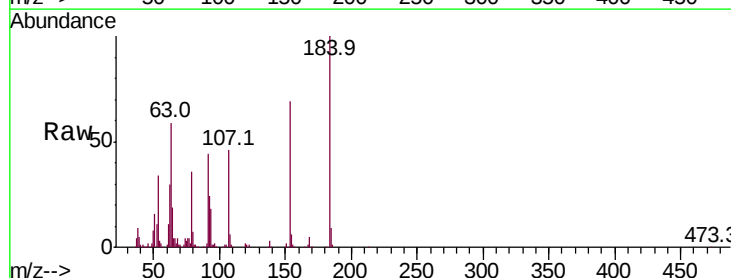
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

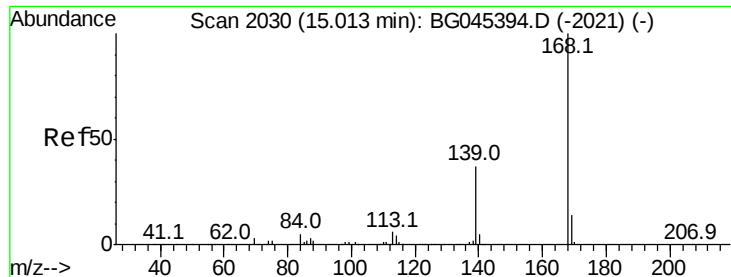
Tot Ion:138 Resp: 123084
Ion Ratio Lower Upper
138 100
108 9.3 9.8 14.6#
92 122.7 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 101.347 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:184 Resp: 212080
Ion Ratio Lower Upper
184 100
63 59.3 47.8 71.6
154 69.0 58.3 87.5

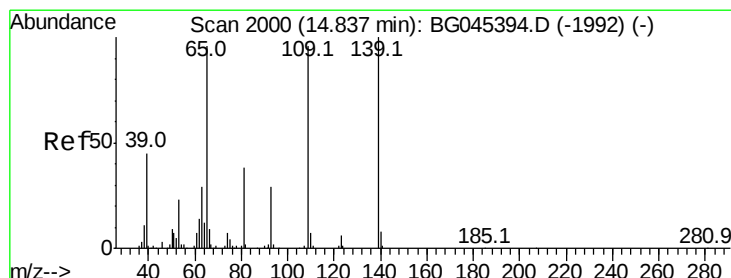
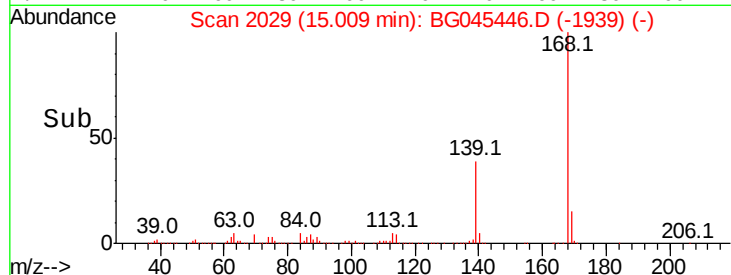
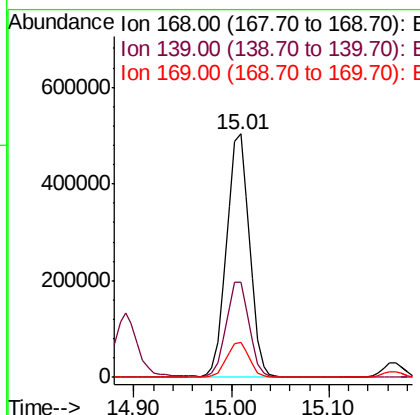
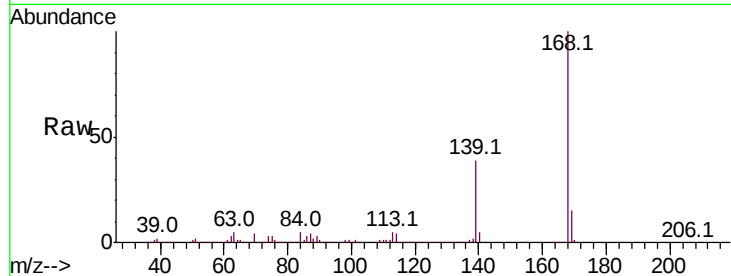




#55
Dibenzofuran
Concen: 50.627 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

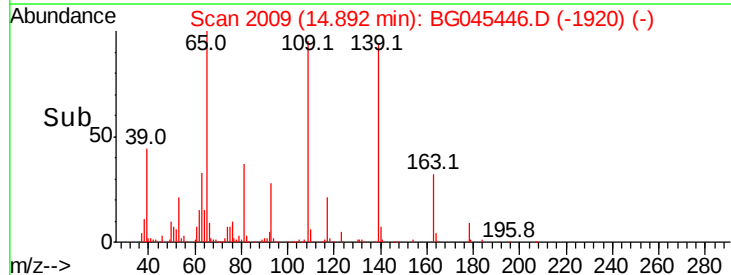
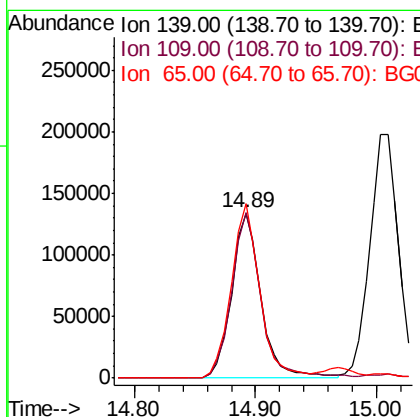
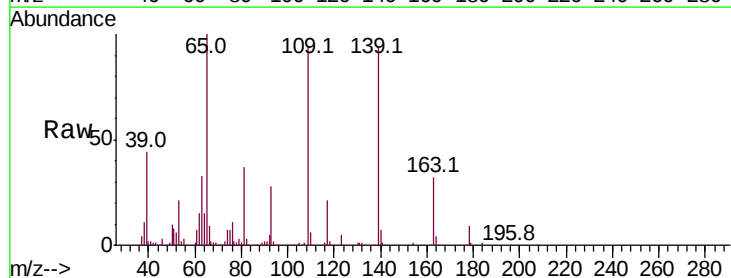
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

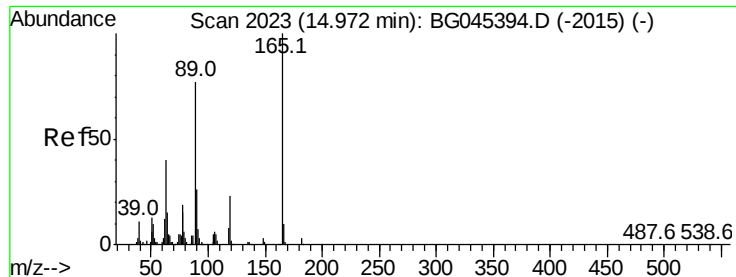
Tot Ion:168 Resp: 819722
Ion Ratio Lower Upper
168 100
139 39.2 29.9 44.9
169 14.6 10.9 16.3



#56
4-Nitrophenol
Concen: 93.716 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:139 Resp: 226908
Ion Ratio Lower Upper
139 100
109 100.4 75.6 115.6
65 106.2 76.8 116.8

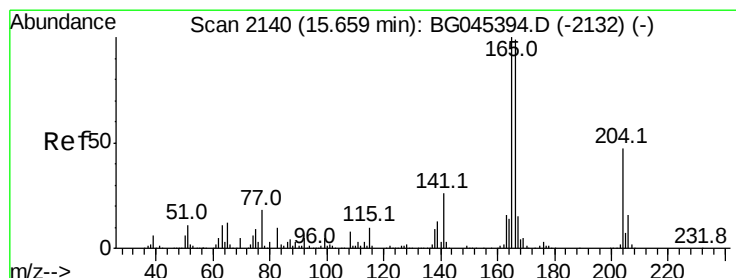
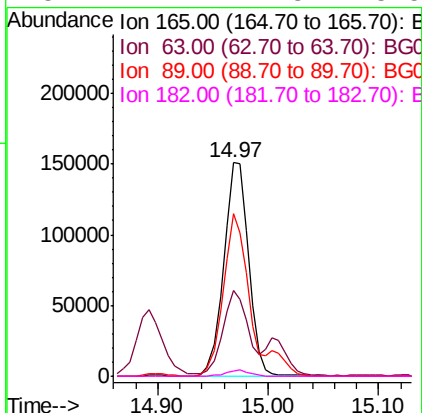
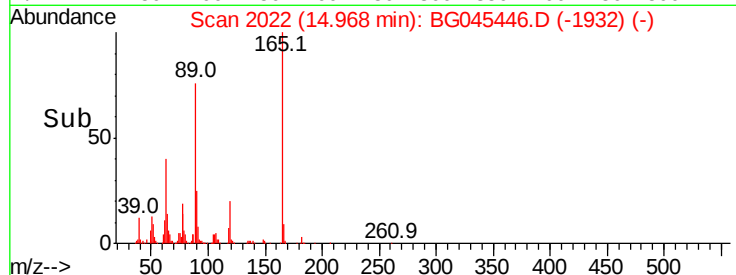
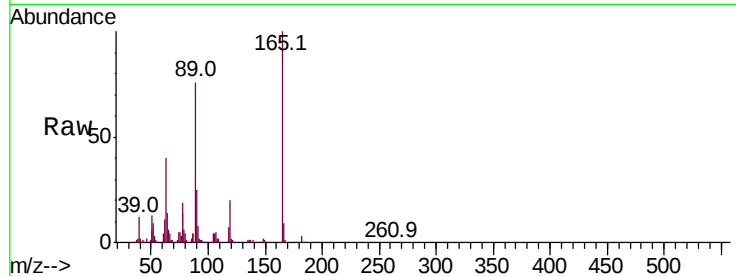




#57
2,4-Dinitrotoluene
Concen: 52.437 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

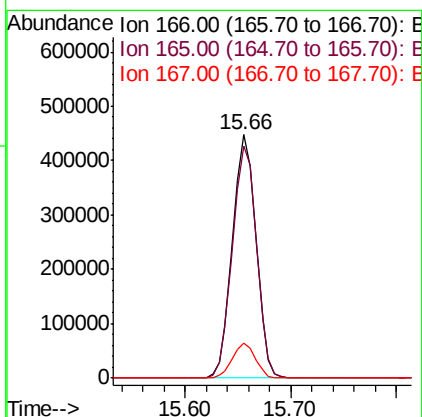
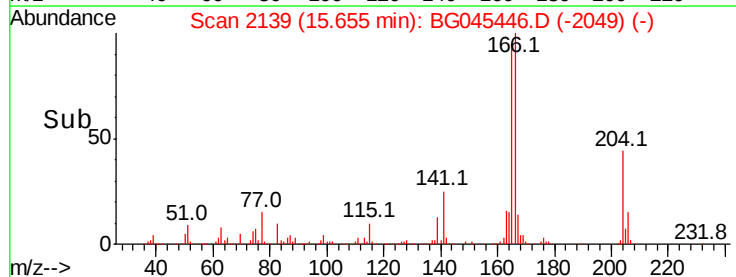
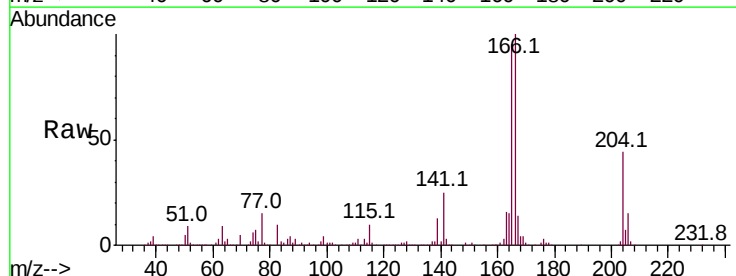
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

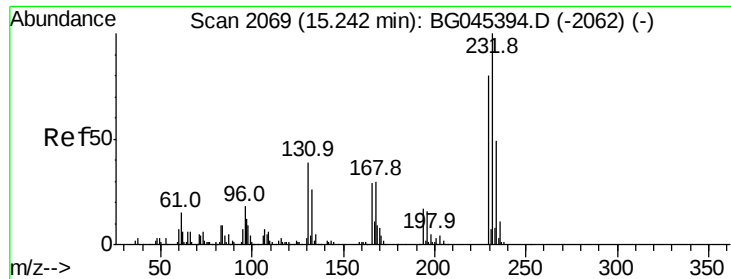
Tot Ion:	165	Resp:	238916
Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.5	48.7
89	76.0	61.8	92.6
182	2.7	2.3	3.5



#58
Fluorene
Concen: 51.908 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:	166	Resp:	690483
Ion	Ratio	Lower	Upper
166	100		
165	95.3	80.8	121.2
167	14.2	12.0	18.0

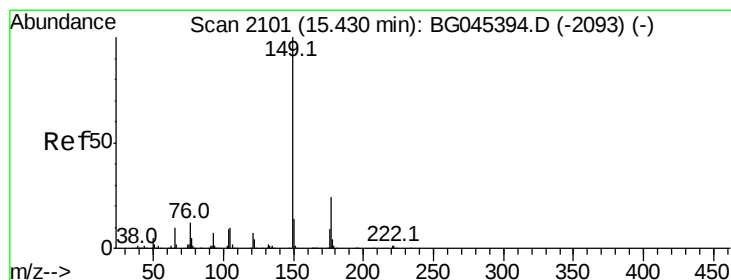
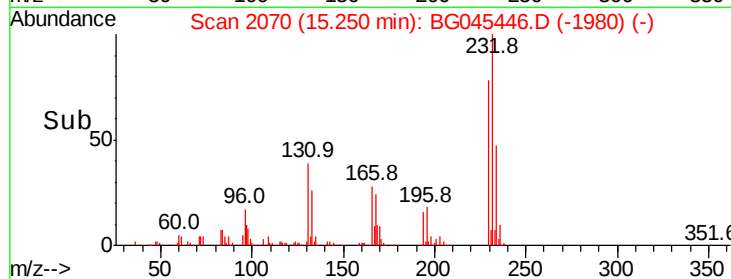
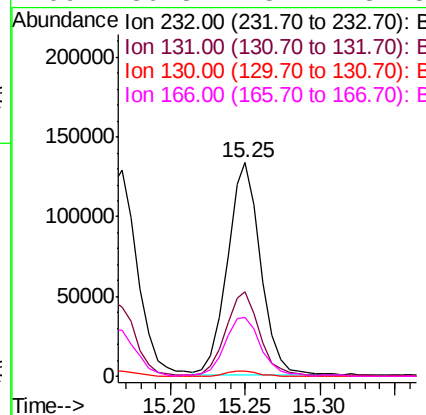
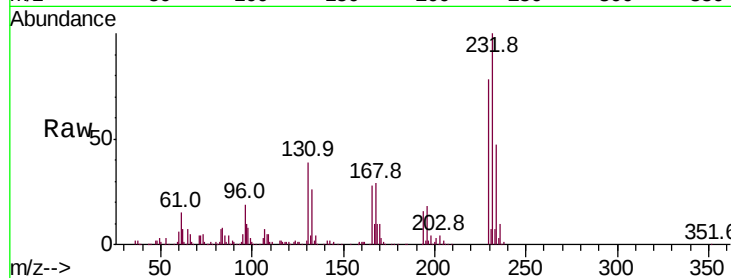




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.039 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

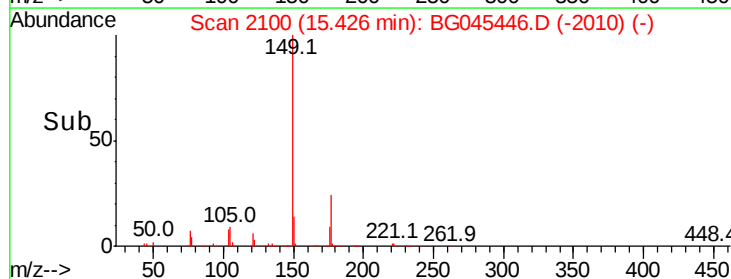
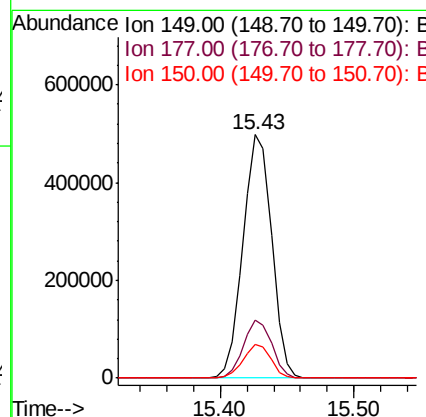
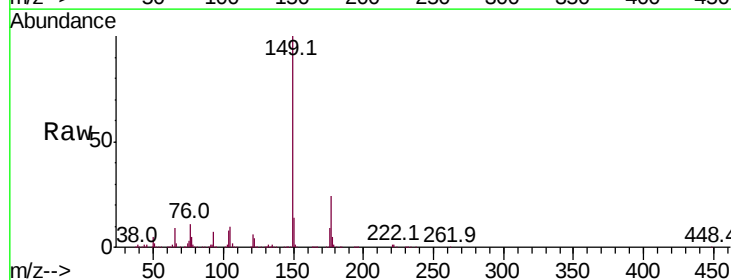
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

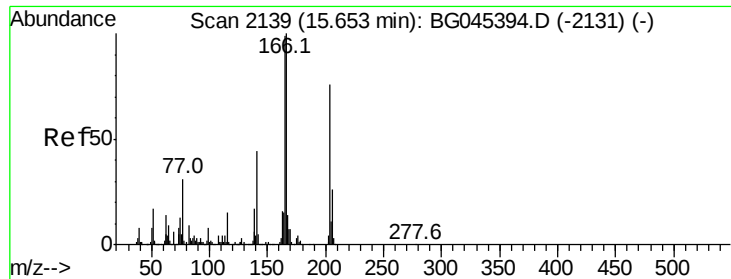
Tot Ion:	232	Resp:	206310
Ion	Ratio	Lower	Upper
232	100		
131	39.6	33.7	50.5
130	2.6	2.1	3.1
166	30.8	23.2	34.8



#60
 Diethylphthalate
 Concen: 50.978 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion:	149	Resp:	739743
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	13.8	11.4	17.0

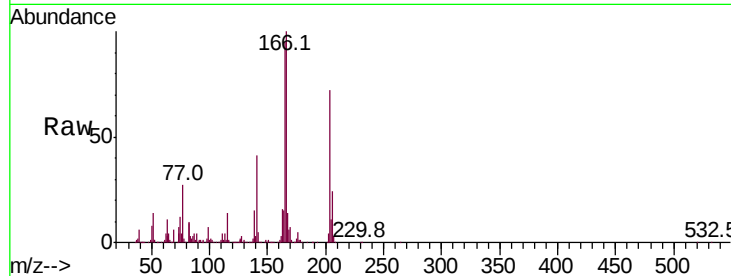




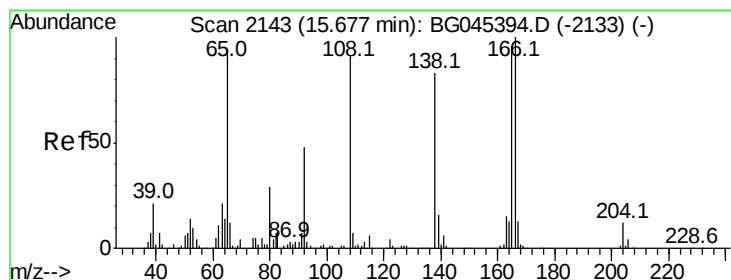
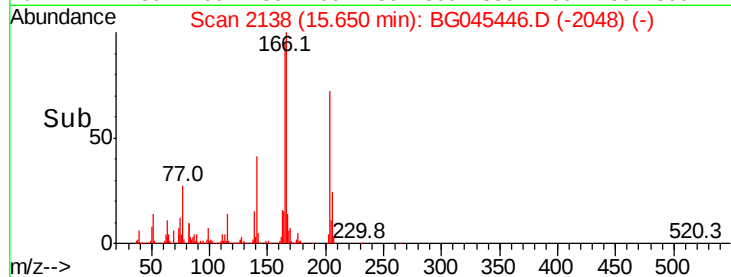
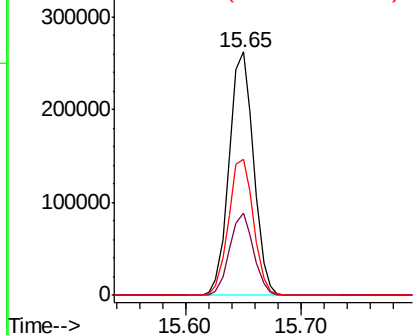
#61
4-Chlorophenyl-phenylether
Concen: 50.520 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

Tot Ion:204 Resp: 384555
Ion Ratio Lower Upper
204 100
206 33.7 27.3 40.9
141 56.1 45.9 68.9

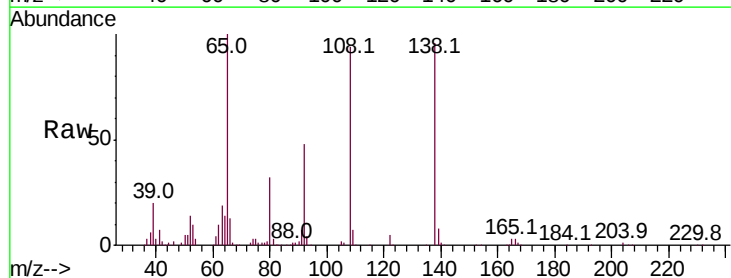


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

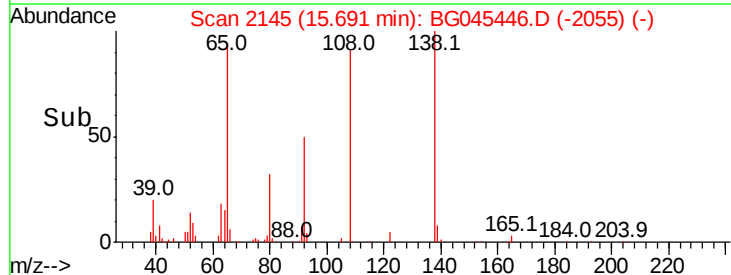
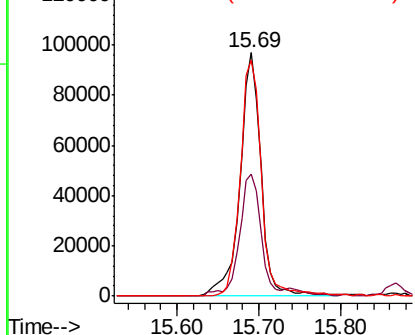


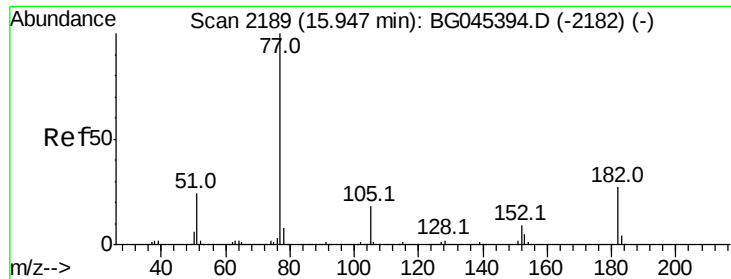
#62
4-Nitroaniline
Concen: 52.073 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:138 Resp: 173852
Ion Ratio Lower Upper
138 100
92 50.0 38.0 78.0
108 97.1 89.3 129.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

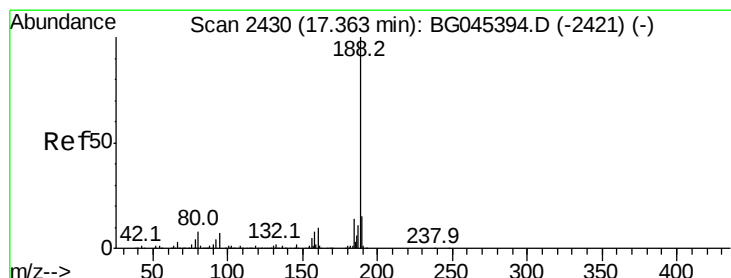
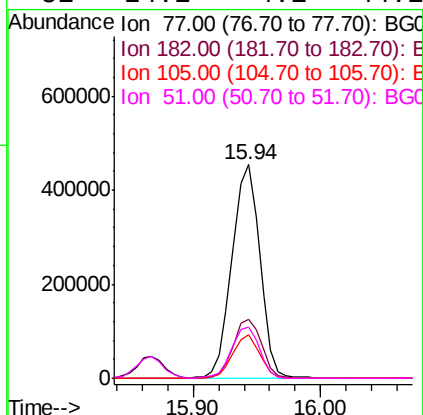
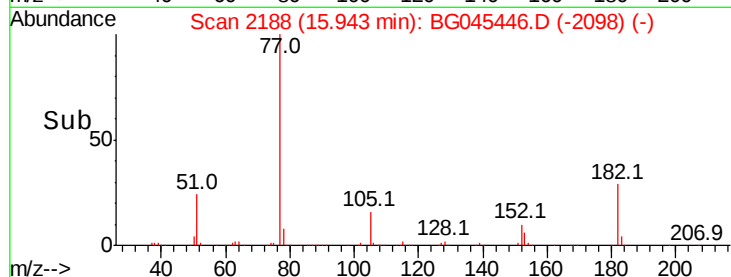
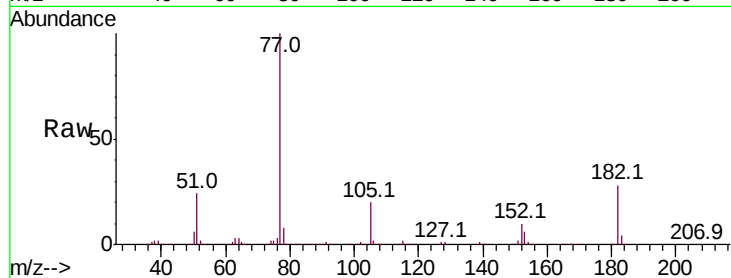




#63
Azobenzene
Concen: 50.987 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

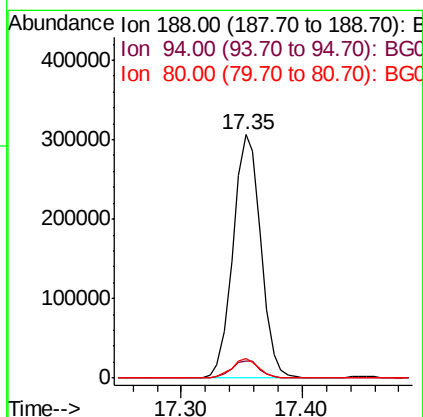
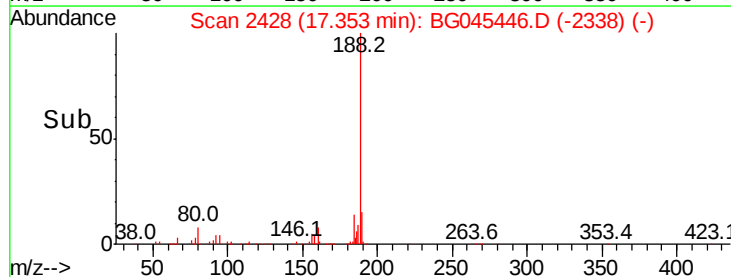
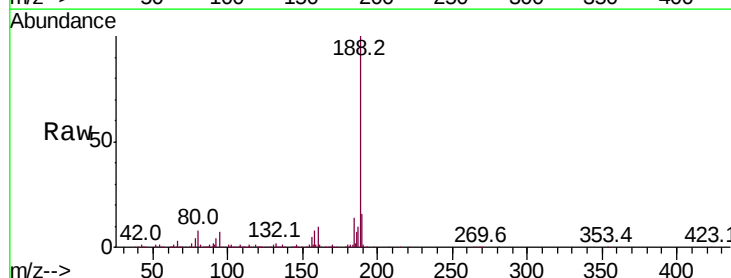
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

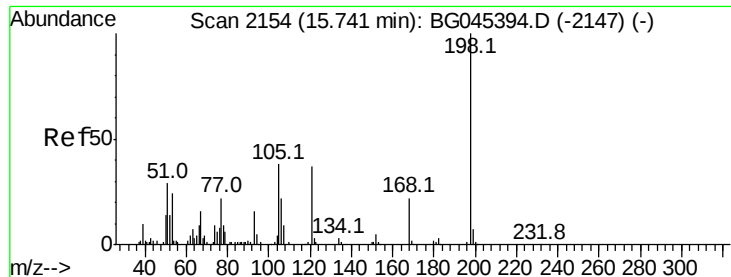
Tot Ion: 77 Resp: 689897
Ion Ratio Lower Upper
77 100
182 27.8 6.5 46.5
105 20.1 0.0 37.9
51 24.1 4.1 44.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion: 188 Resp: 490377
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 8.0 6.6 10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 53.348 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

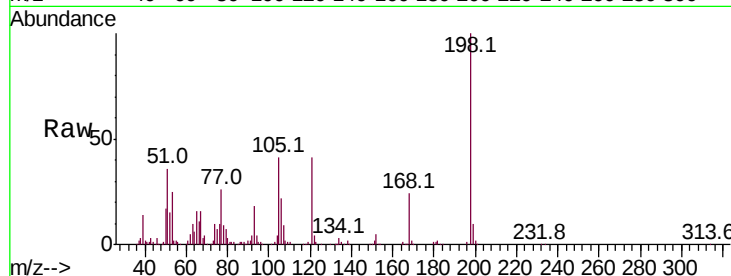
Tot Ion:198 Resp: 152360

Ion Ratio Lower Upper

198 100

51 35.5 10.0 50.0

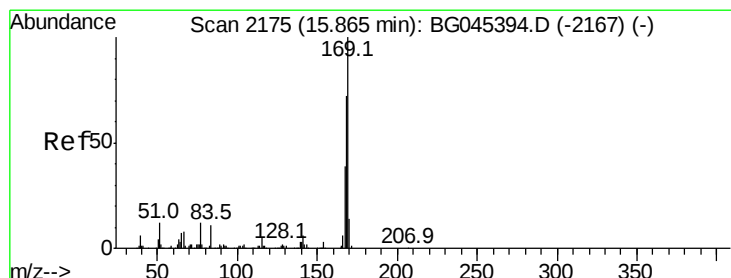
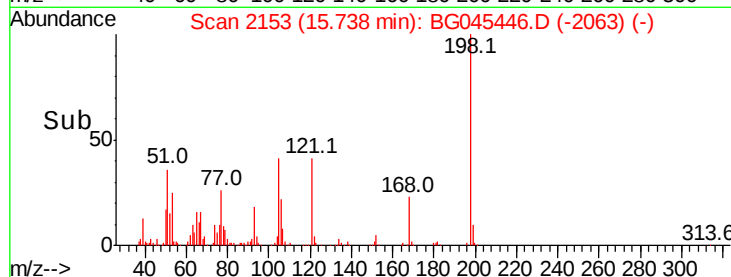
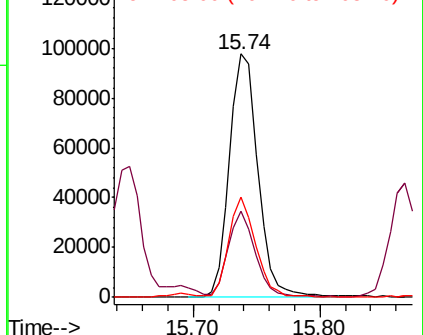
105 41.3 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.609 ng

RT: 15.87 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

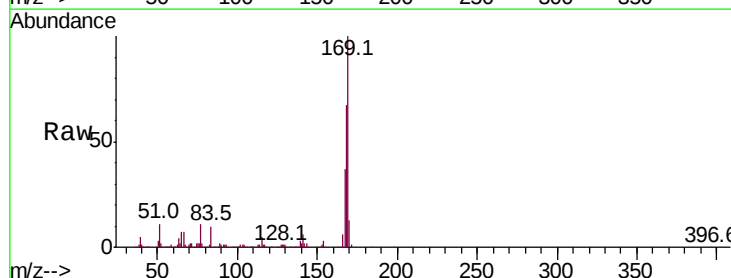
Tgt Ion:169 Resp: 619413

Ion Ratio Lower Upper

169 100

168 67.2 57.8 86.6

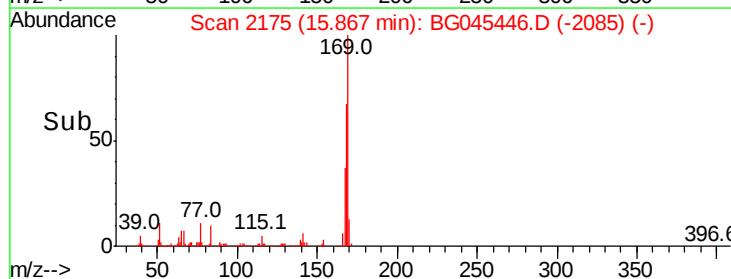
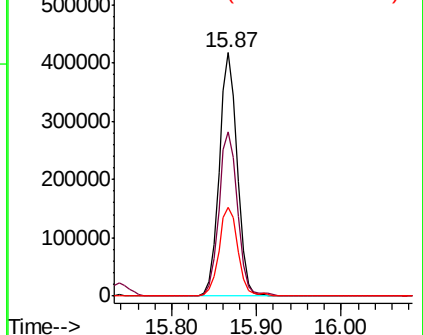
167 36.6 31.5 47.3

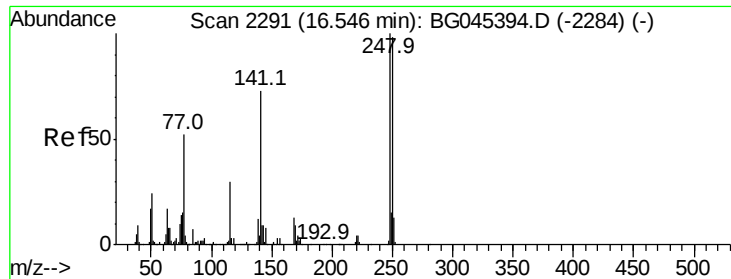


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

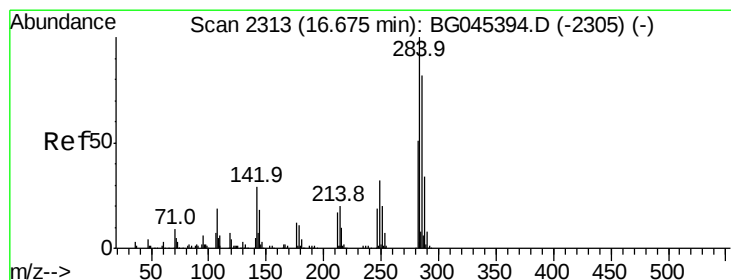
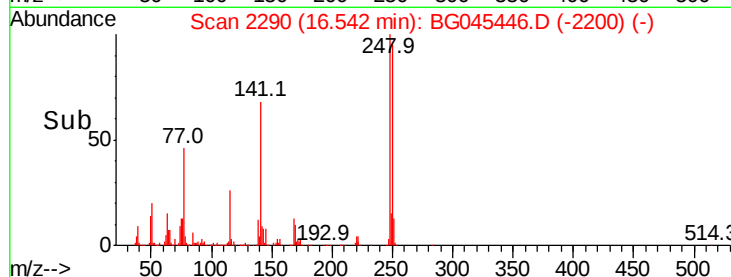
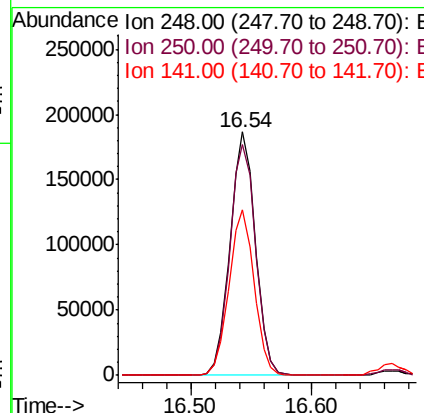
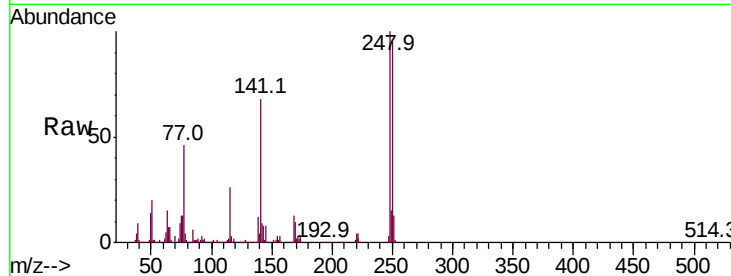




#67
 4-Bromophenyl-phenylether
 Concen: 51.053 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

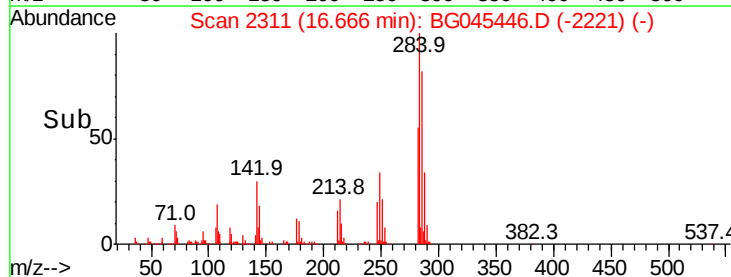
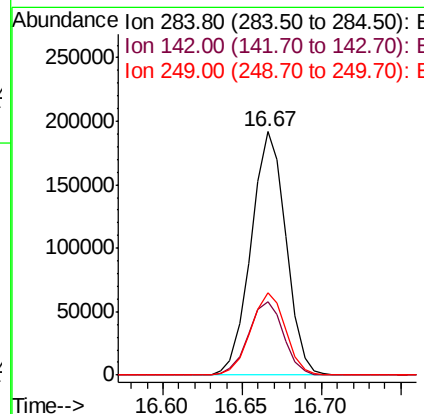
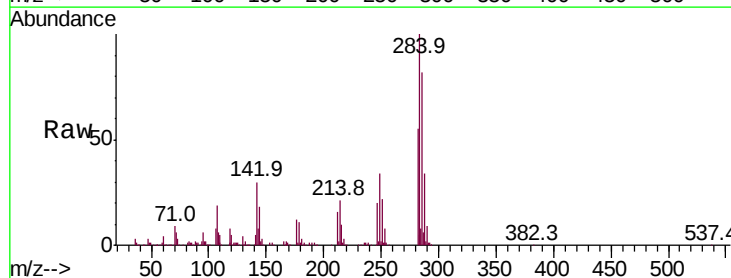
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

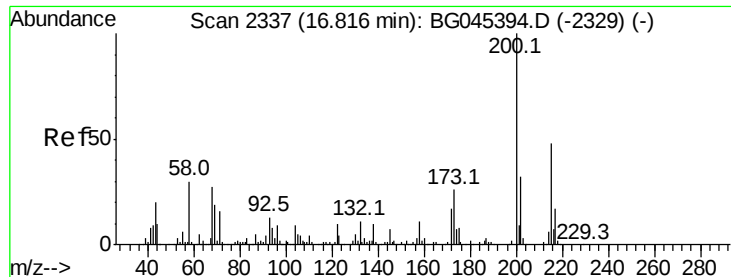
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	78.6	117.8
141	68.1	58.2	87.2



#68
 Hexachlorobenzene
 Concen: 52.834 ng
 RT: 16.67 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	23.0	34.6
249	33.7	25.8	38.6





#69

Atrazine

Concen: 49.212 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

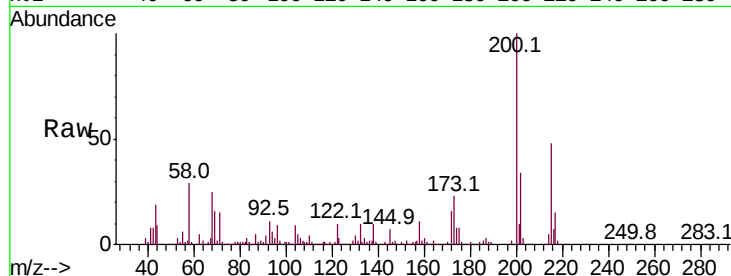
Tot Ion:200 Resp: 238654

Ion Ratio Lower Upper

200 100

173 23.4 5.5 45.5

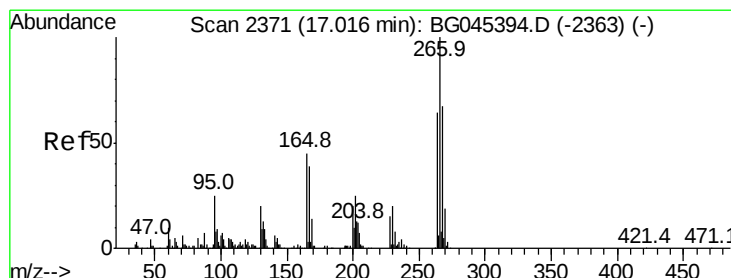
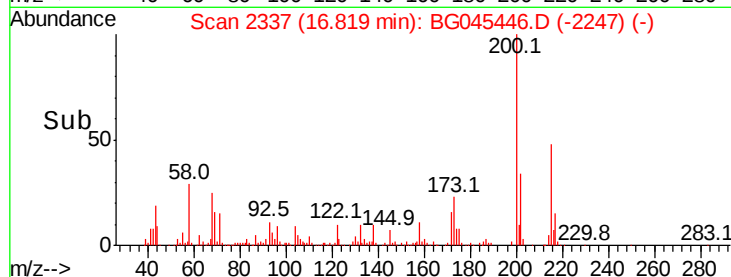
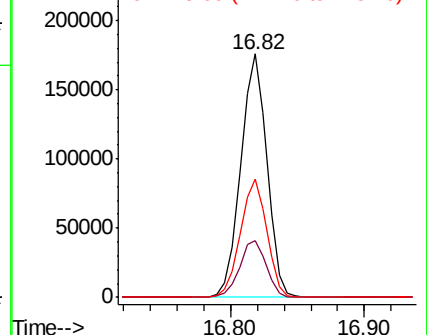
215 48.3 28.2 68.2



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: 111.702 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

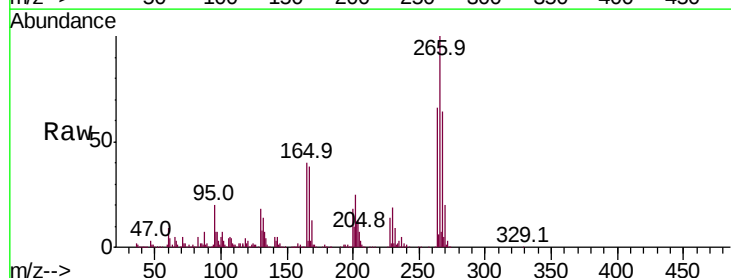
Tgt Ion:266 Resp: 322120

Ion Ratio Lower Upper

266 100

268 63.7 53.2 79.8

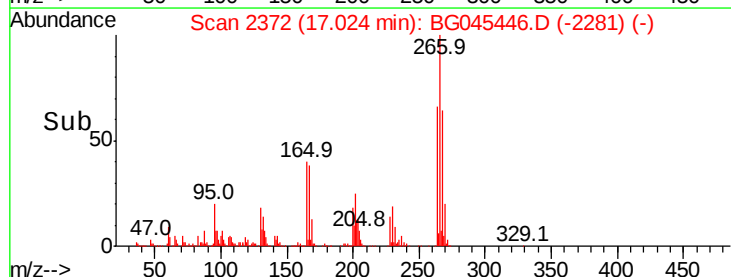
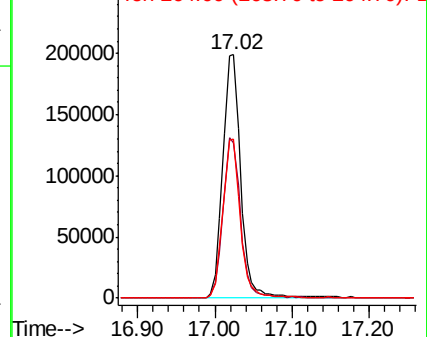
264 65.6 51.0 76.4

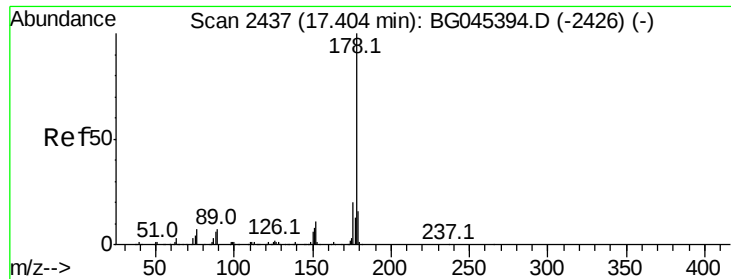


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

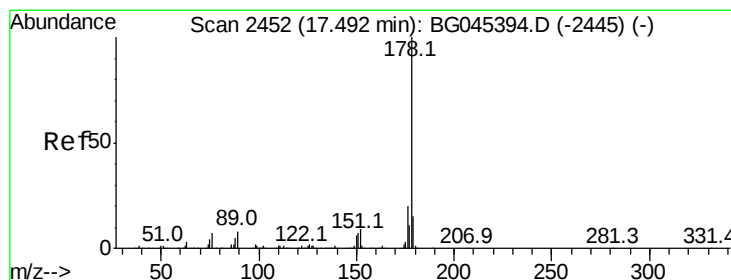
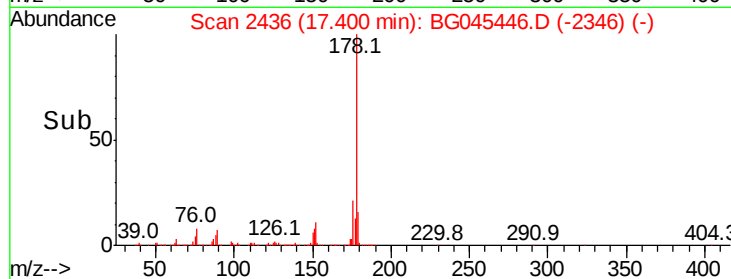
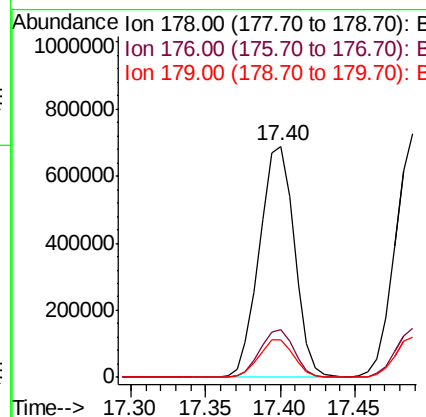
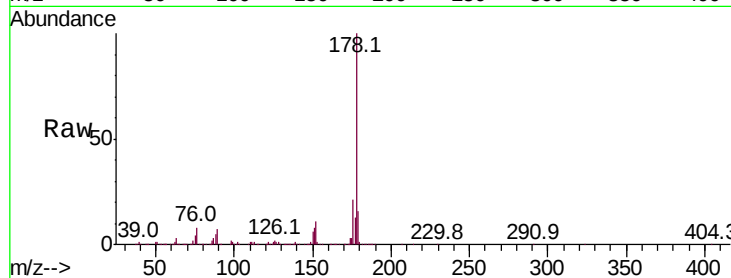




#71
Phenanthrene
Concen: 52.225 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

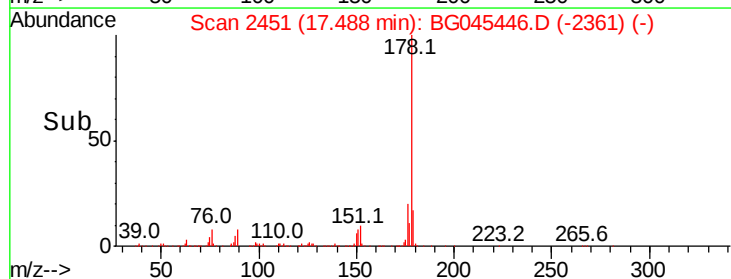
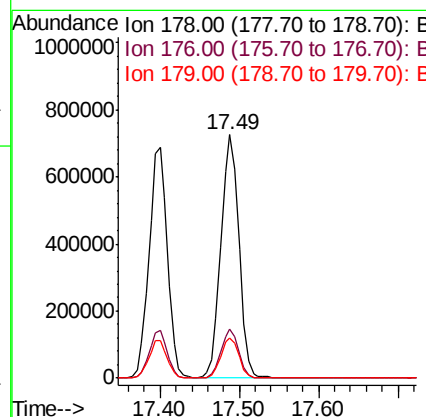
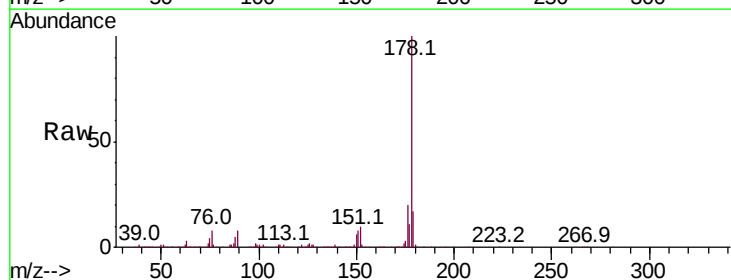
Instrument :
BNA_G
ClientSampleId :
TR-04-052020MSD

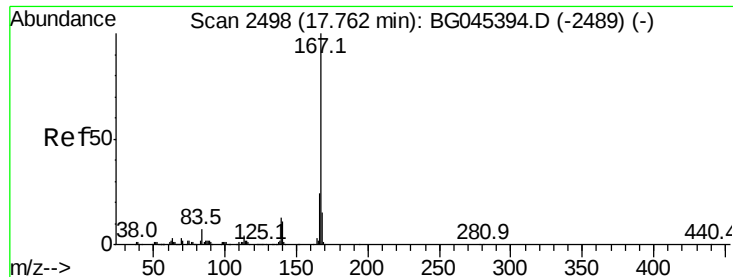
Tot Ion:178 Resp: 1118011
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.4 13.1 19.7



#72
Anthracene
Concen: 53.265 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045446.D
Acq: 21 May 2020 19:01

Tgt Ion:178 Resp: 1145097
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.6 12.2 18.4

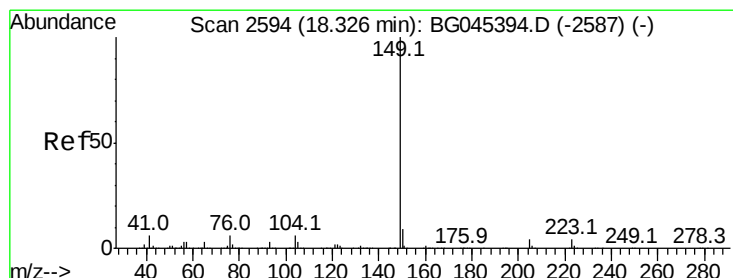
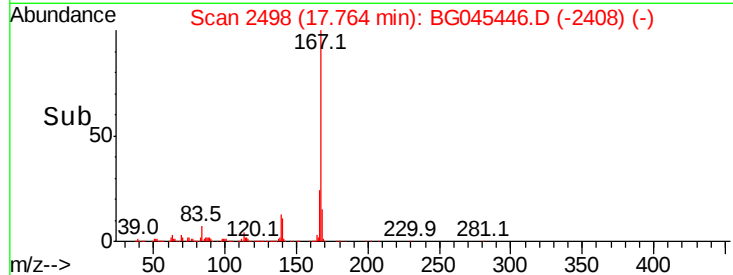
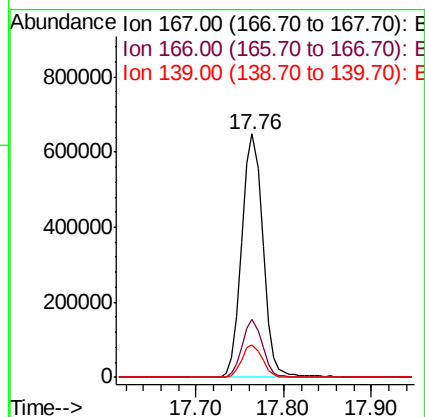
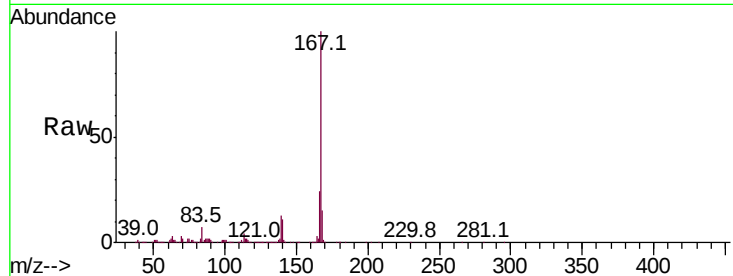




#73
 Carbazole
 Concen: 50.304 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

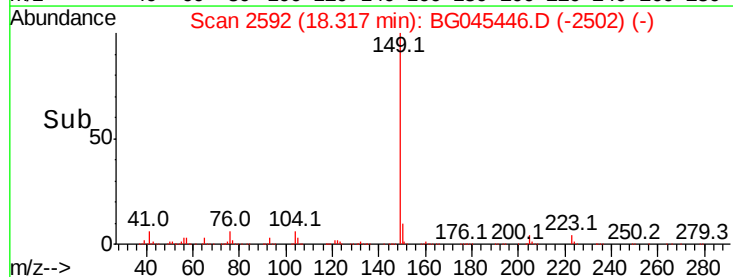
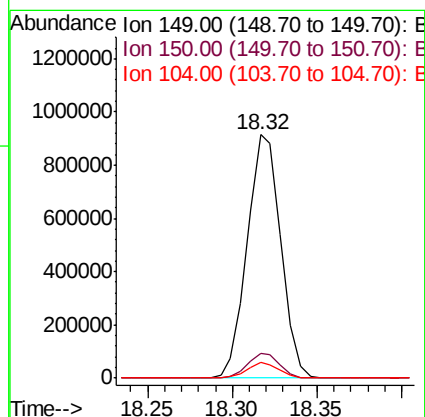
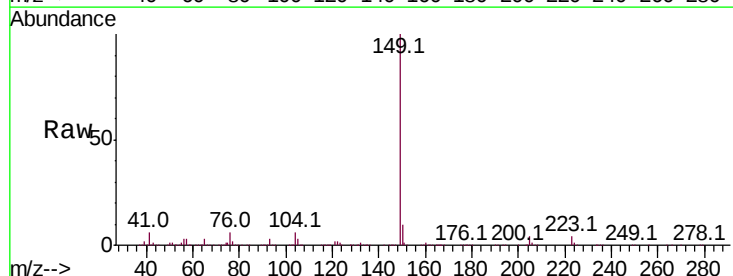
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-052020MSD

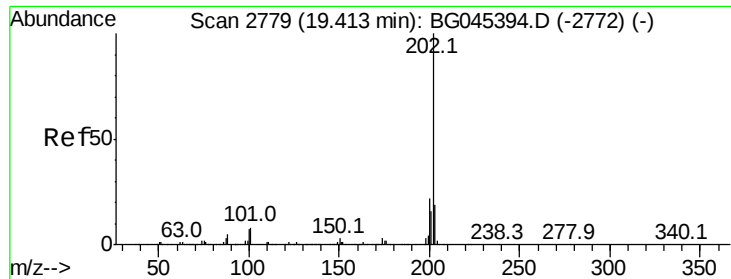
Tot Ion:167 Resp: 1054144
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.2 28.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.364 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. 0.00 min
 Lab File: BG045446.D
 Acq: 21 May 2020 19:01

Tgt Ion:149 Resp: 1266753
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 51.595 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

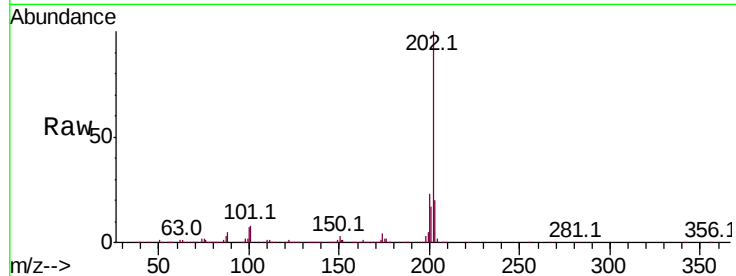
Tot Ion:202 Resp: 1404894

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

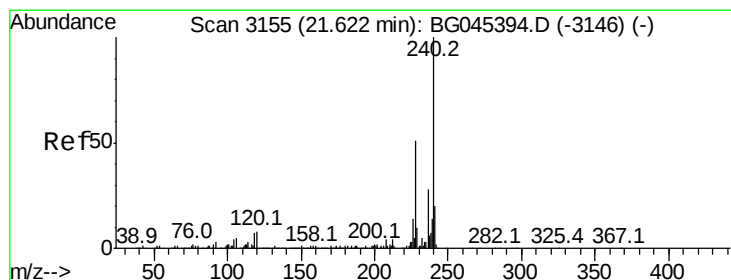
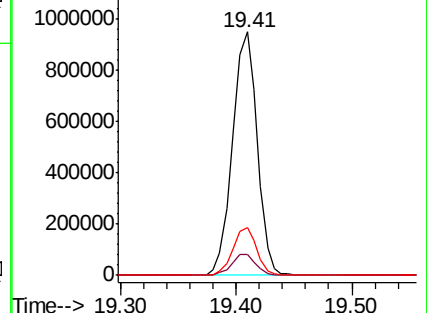
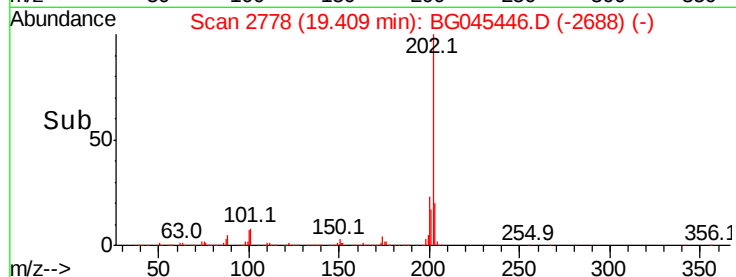
203 19.6 0.0 39.0



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: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

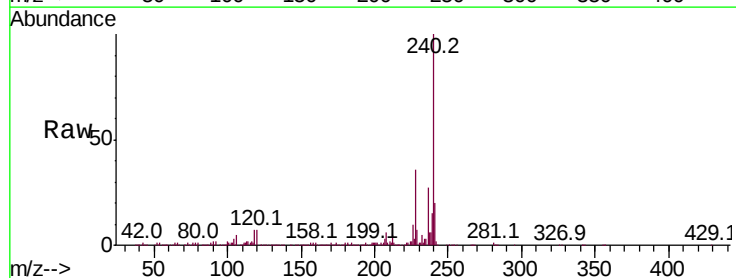
Tgt Ion:240 Resp: 464256

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

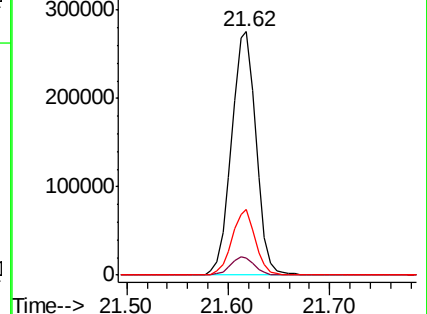
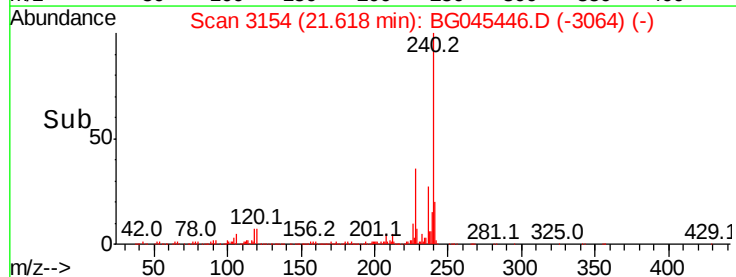
236 26.8 22.3 33.5

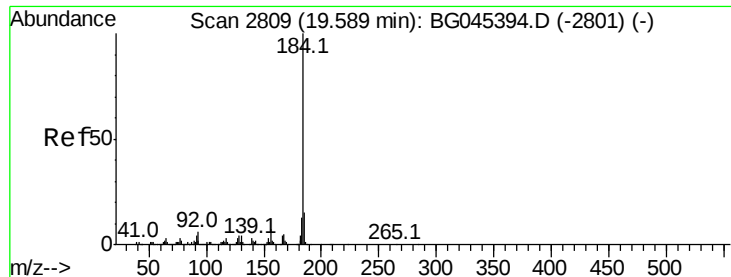


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.104 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

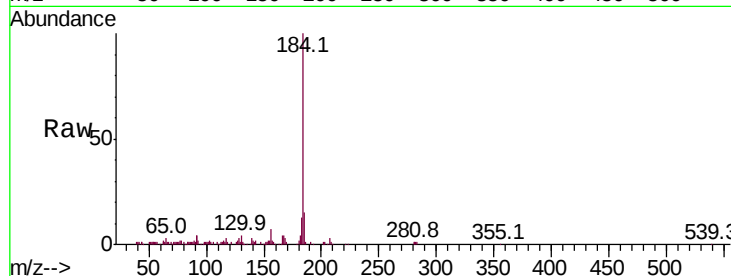
Tot Ion:184 Resp: 118707

Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

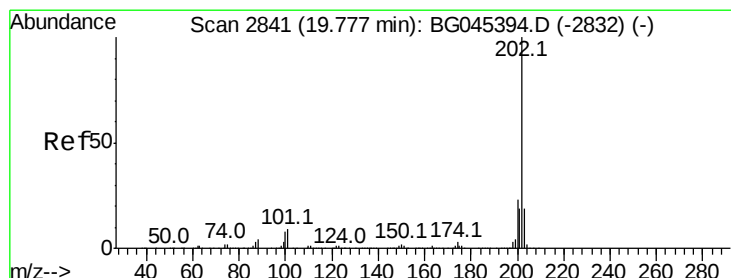
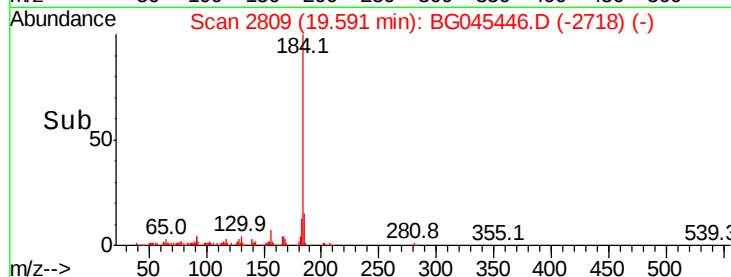
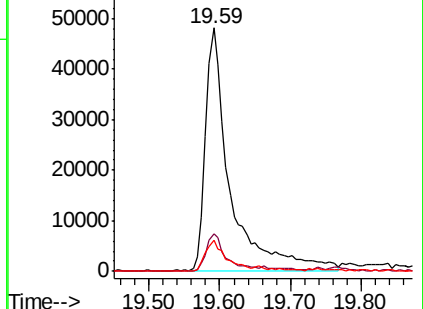
183 12.6 10.2 15.4



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: 52.840 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

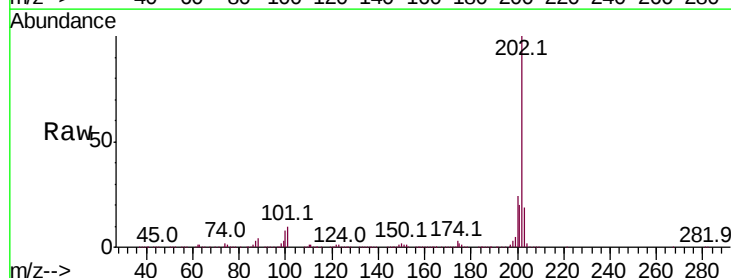
Tgt Ion:202 Resp: 1398380

Ion Ratio Lower Upper

202 100

200 23.6 18.2 27.2

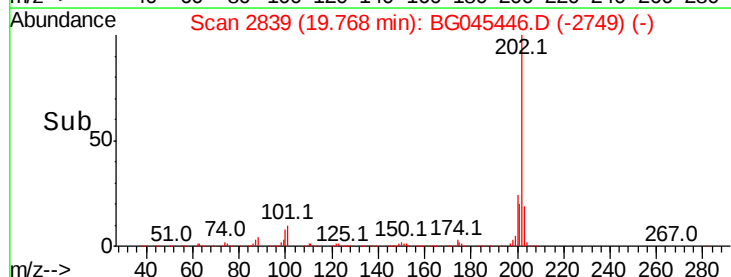
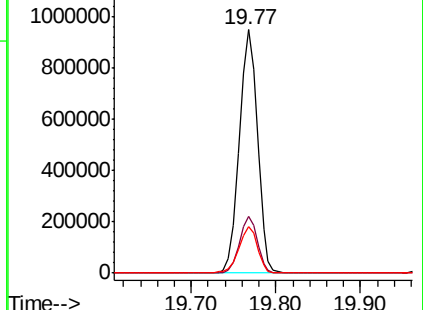
203 19.3 15.1 22.7

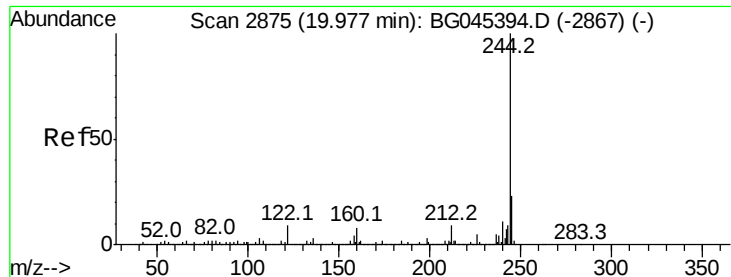


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.490 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

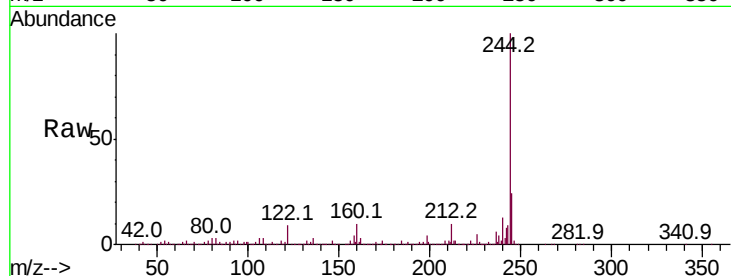
Tot Ion:244 Resp: 2119742

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

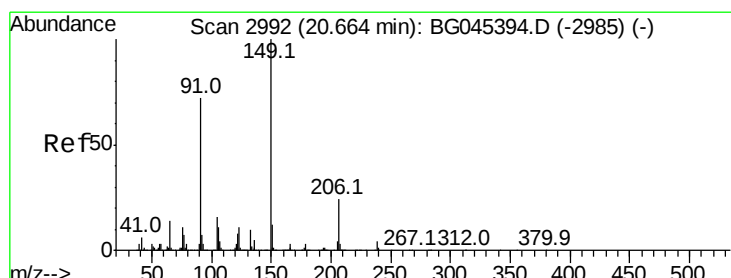
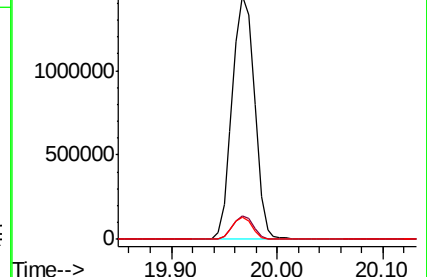
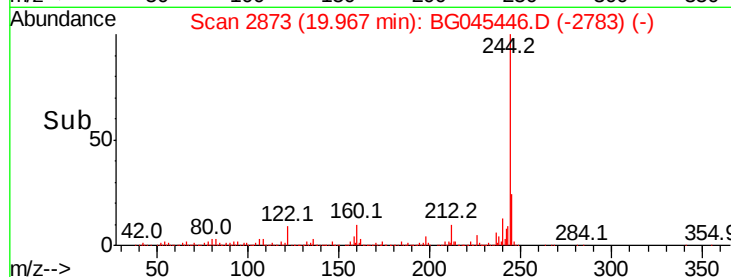
122 9.2 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.997 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

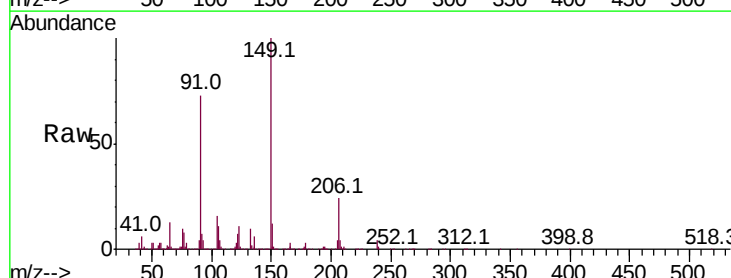
Tgt Ion:149 Resp: 571113

Ion Ratio Lower Upper

149 100

91 72.6 57.8 86.6

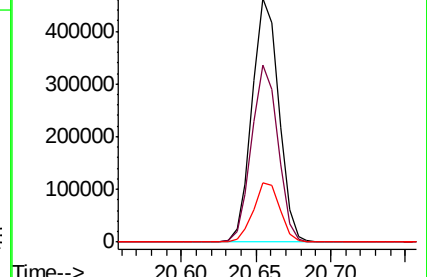
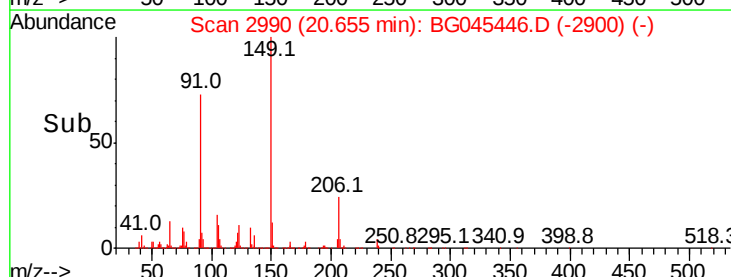
206 24.2 19.1 28.7

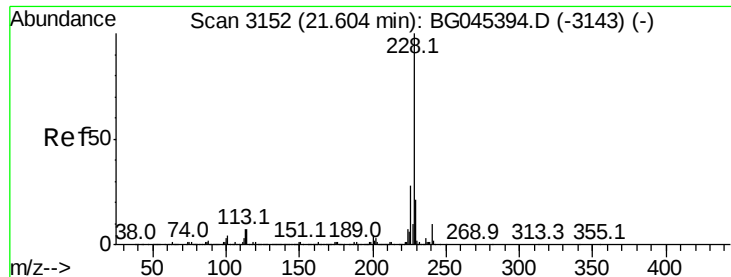


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.073 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

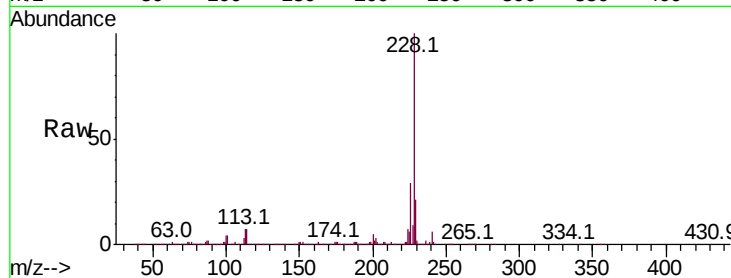
BNA_G

ClientSampleId :

TR-04-052020MSD

Tot Ion:228 Resp: 1346722

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.1	16.7	25.1

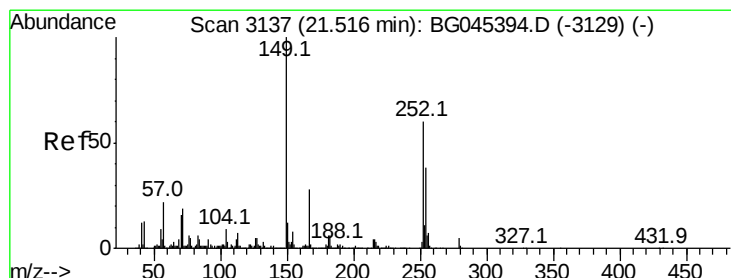
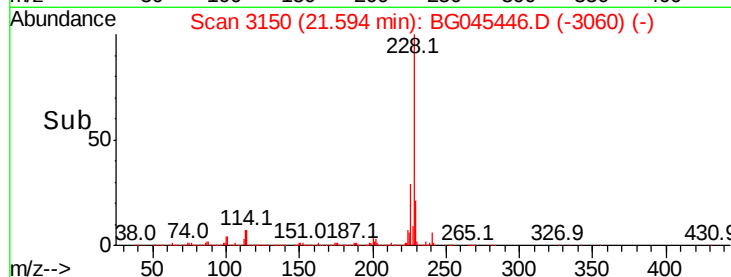
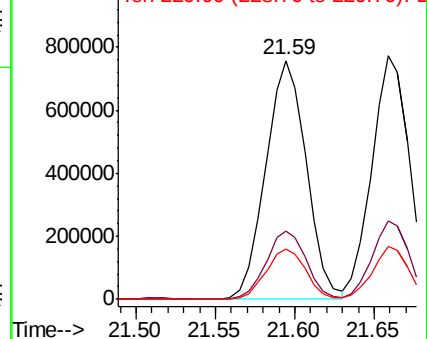


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.680 ng

RT: 21.51 min Scan# 3136

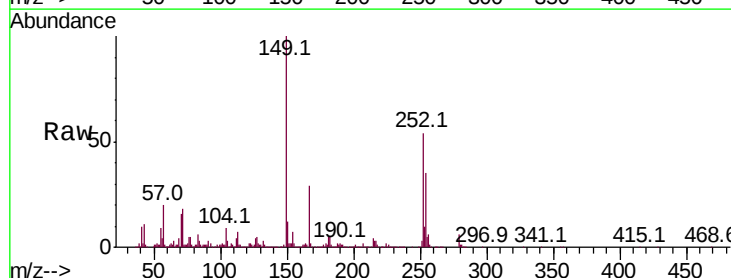
Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Tgt Ion:252 Resp: 463414

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	7.8	6.6	10.0

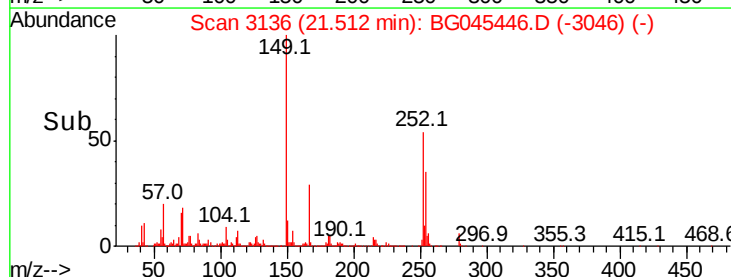
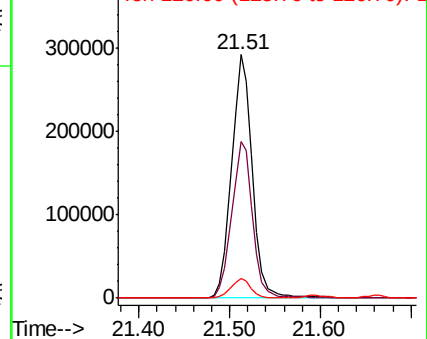


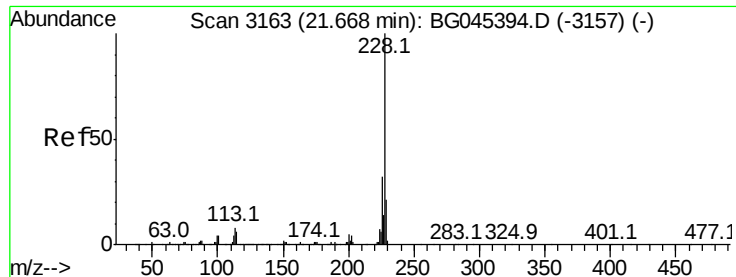
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.451 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

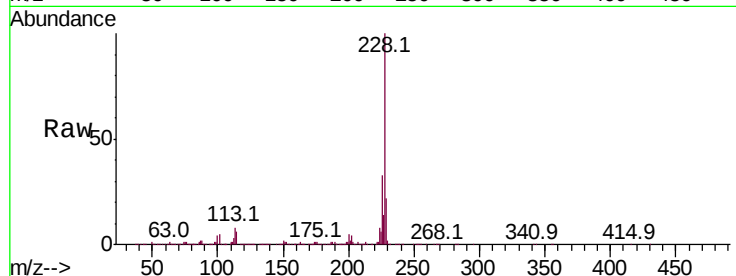
Tot Ion:228 Resp: 1279456

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	21.5	16.7	25.1

228 100

226 32.5 25.2 37.8

229 21.5 16.7 25.1

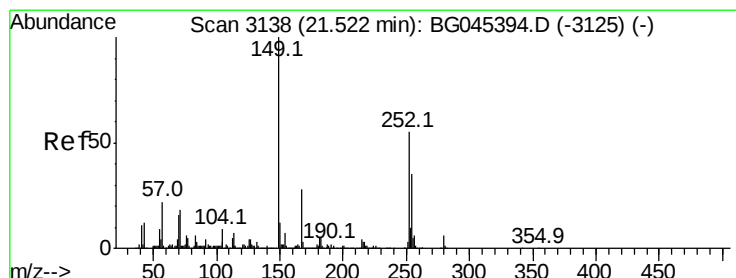
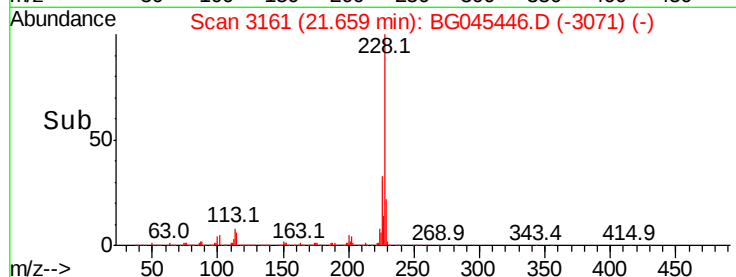
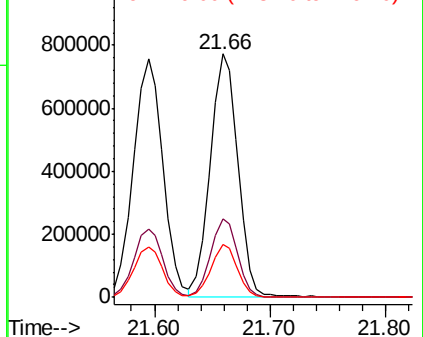


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.928 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

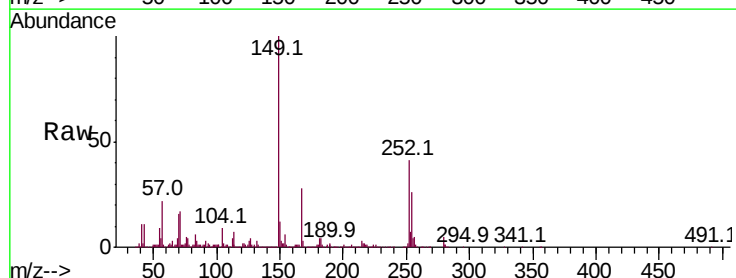
Tgt Ion:149 Resp: 783984

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	5.2	4.7	7.1

149 100

167 28.2 22.2 33.2

279 5.2 4.7 7.1

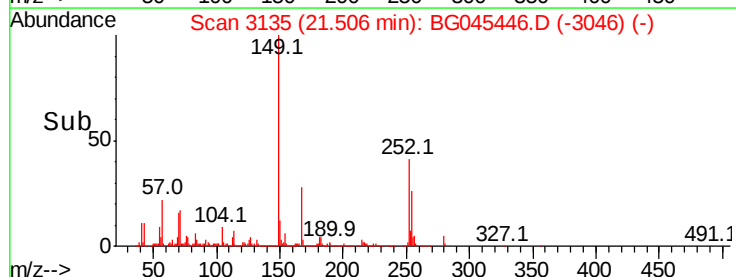
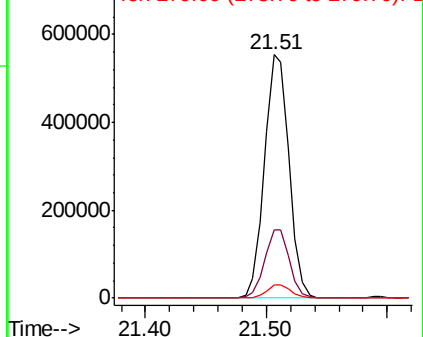


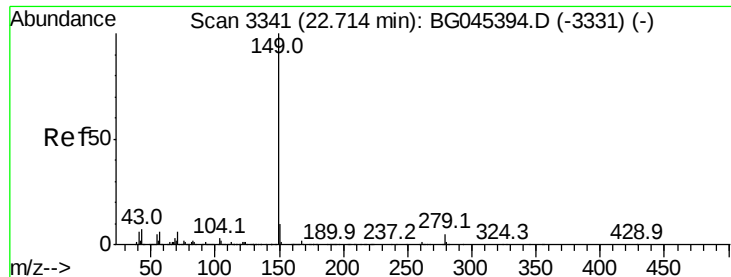
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.787 ng

RT: 22.70 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

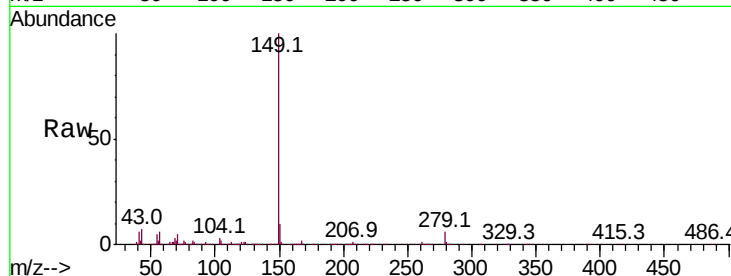
Tot Ion:149 Resp: 1342704

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

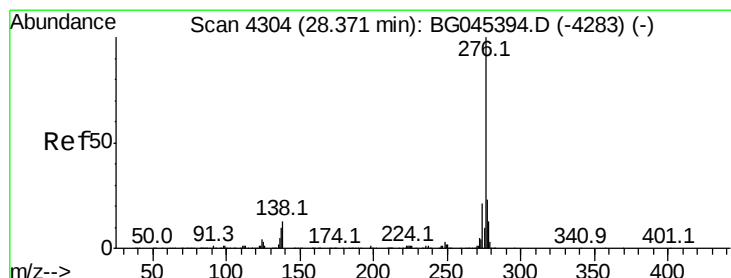
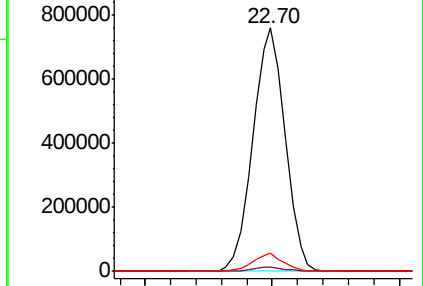
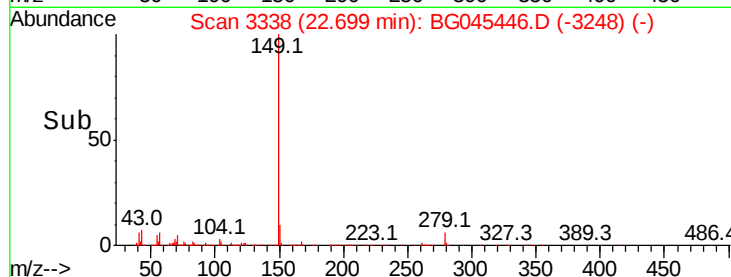
43 6.8 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.370 ng

RT: 28.34 min Scan# 4298

Delta R.T. -0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

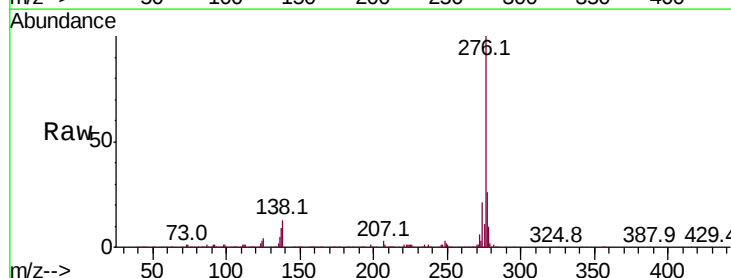
Tgt Ion:276 Resp: 1702986

Ion Ratio Lower Upper

276 100

138 11.0 8.6 12.8

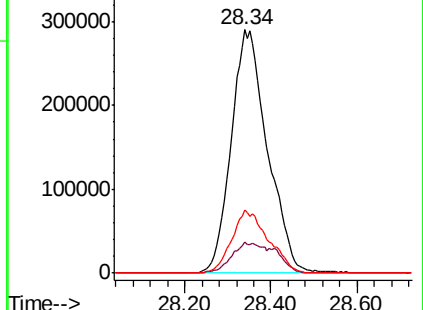
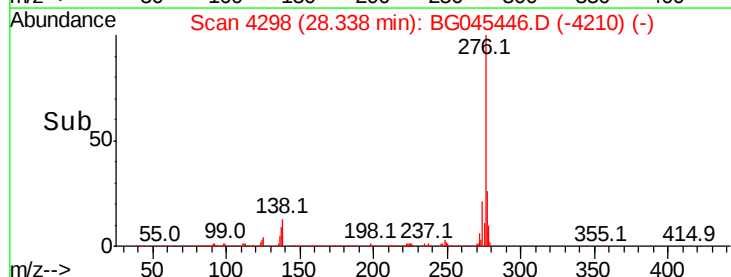
277 26.2 20.2 30.4

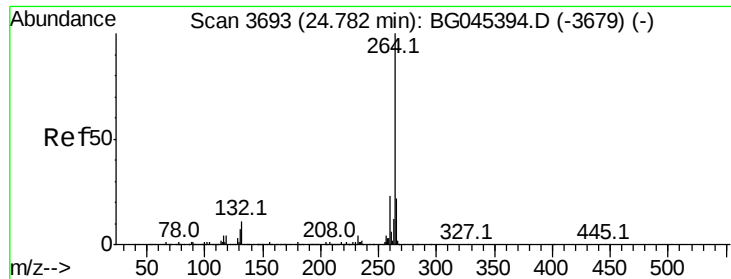


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3690

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

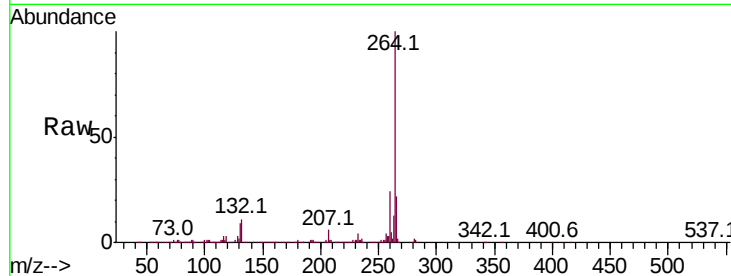
Tot Ion:264 Resp: 510826

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

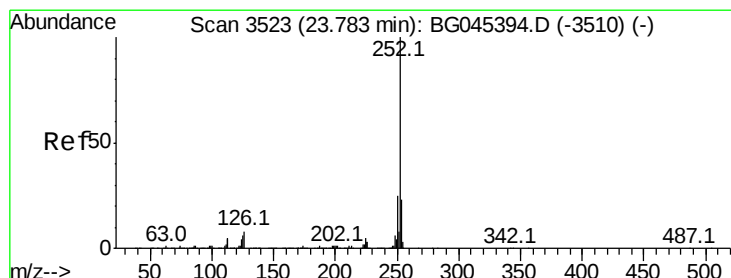
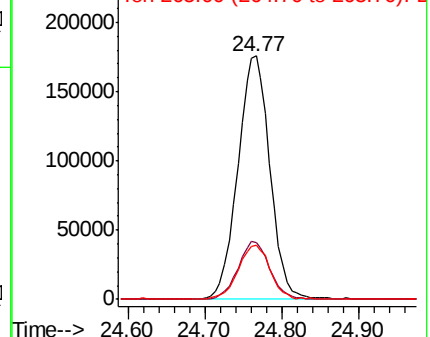
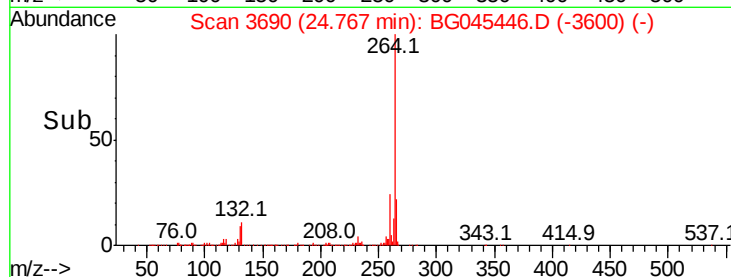
265 22.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.675 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

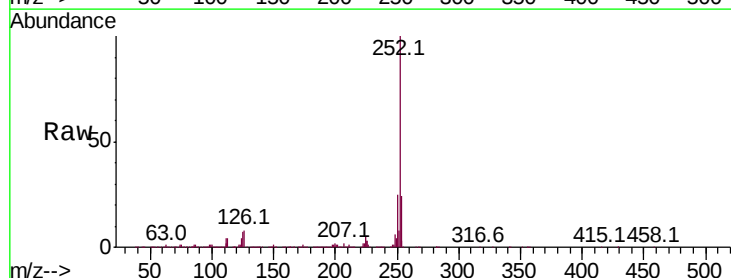
Tgt Ion:252 Resp: 1443091

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

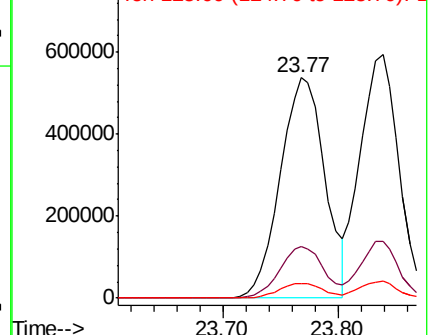
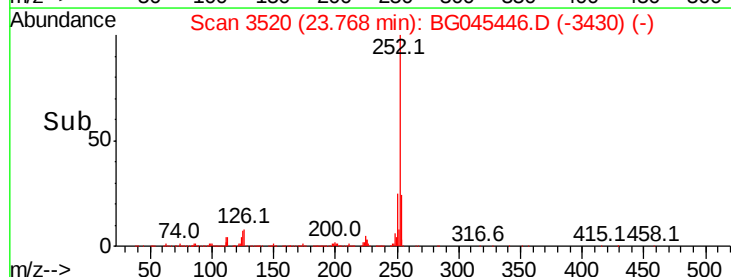
125 6.8 5.0 7.6

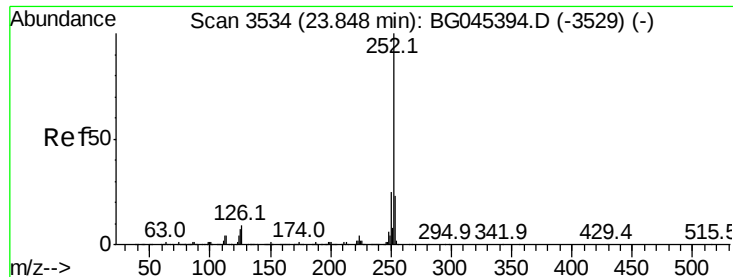


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 54.004 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TR-04-052020MSD

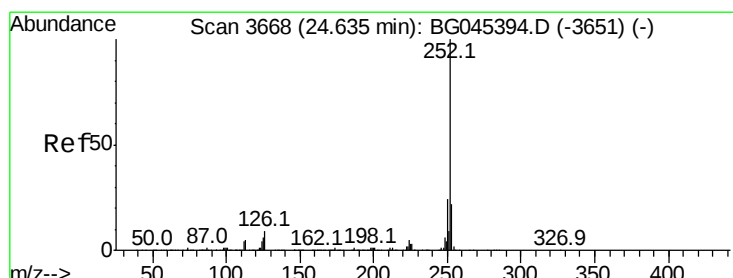
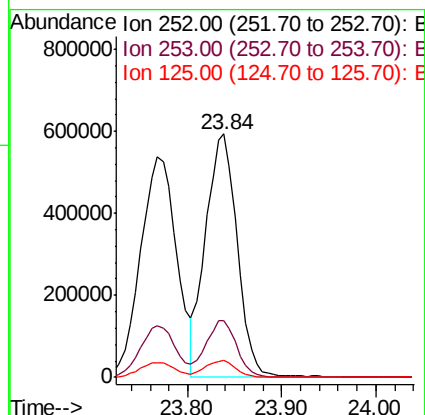
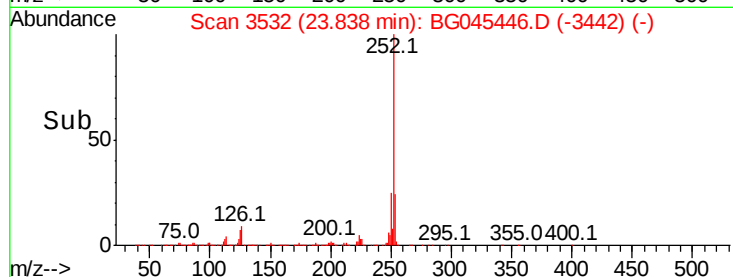
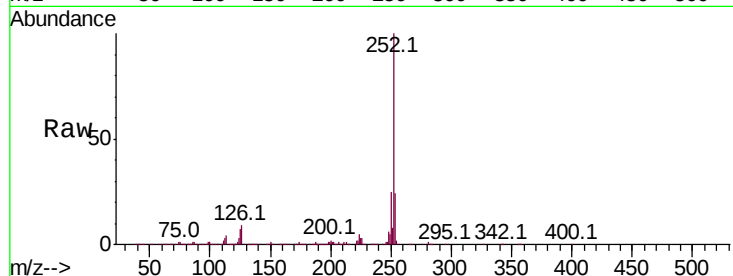
Tot Ion:252 Resp: 1389963

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 6.9 5.7 8.5



#90

Benzo(a)pyrene

Concen: 51.793 ng

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

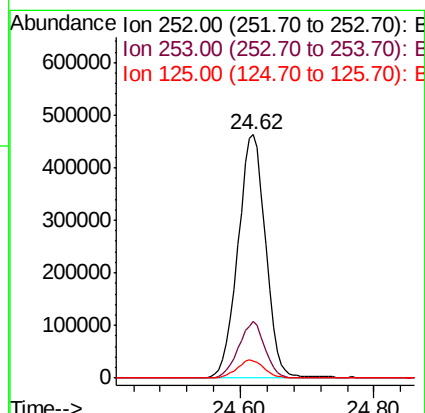
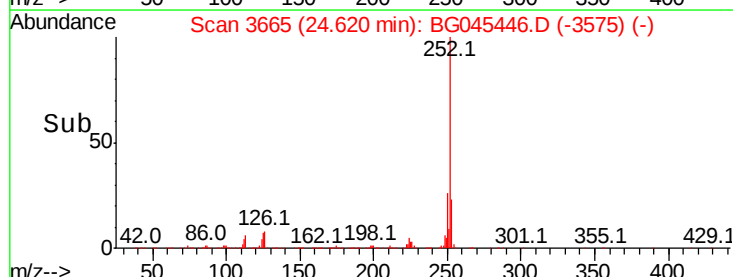
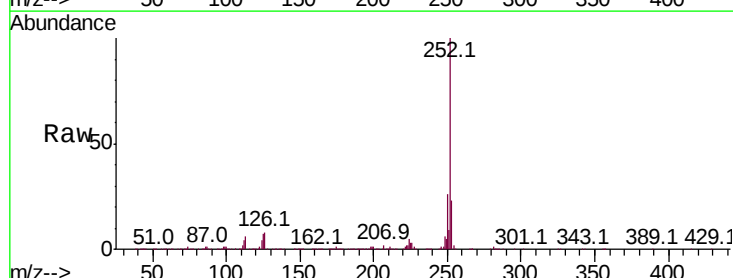
Tgt Ion:252 Resp: 1321493

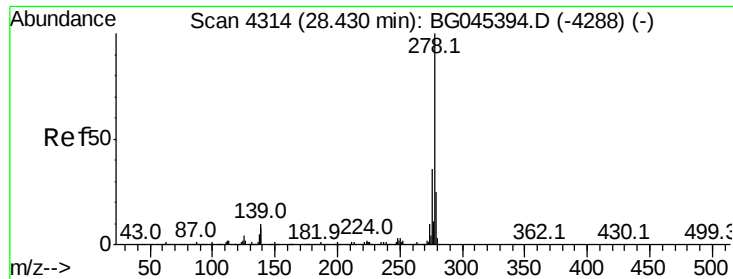
Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 7.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 54.011 ng

RT: 28.41 min Scan# 4310

Delta R.T. 0.00 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Instrument :

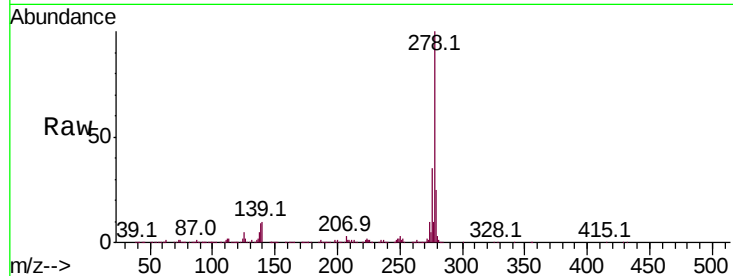
BNA_G

ClientSampleId :

TR-04-052020MSD

Tot Ion:278 Resp: 1384847

Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.8	11.8
279	24.7	19.8	29.8

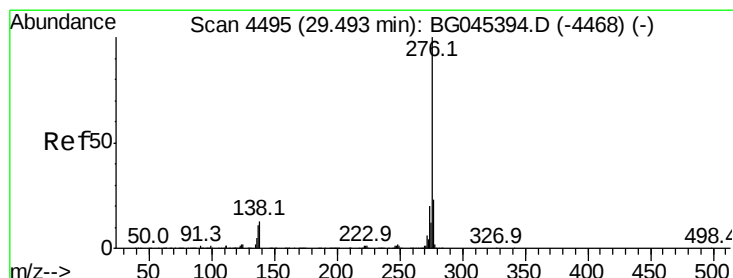
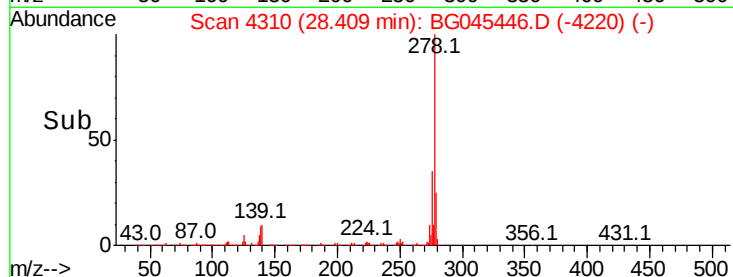
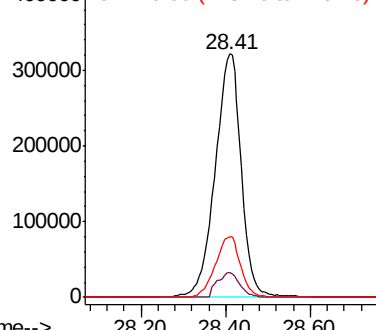


Abundance

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: 55.425 ng

RT: 29.47 min Scan# 4491

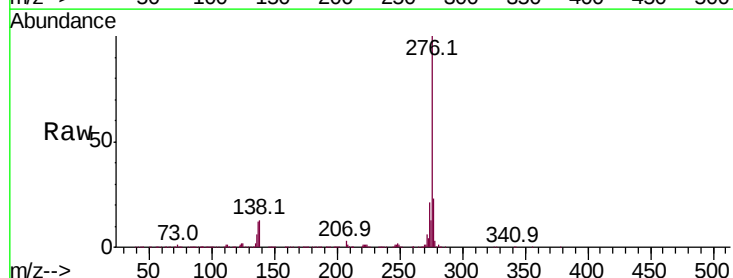
Delta R.T. 0.01 min

Lab File: BG045446.D

Acq: 21 May 2020 19:01

Tgt Ion:276 Resp: 1421258

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	13.1	10.2	15.4



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

