

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045640.D
 Acq On : 8 Jun 2020 12:53
 Operator : CG/JU
 Sample : PB129333BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Quant Time: Jun 08 14:13:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	52793	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	217586	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	167204	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	435111	20.00	ng	0.00
76) Chrysene-d12	21.60	240	405547	20.00	ng	0.00
87) Perylene-d12	24.75	264	441220	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	401563	148.65	ng	0.00
7) Phenol-d6	7.14	99	575099	149.58	ng	0.00
23) Nitrobenzene-d5	9.11	82	369758	92.67	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	311465	145.66	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	879961	89.27	ng	0.00
79) Terphenyl-d14	19.96	244	1646985	94.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	52483	39.179	ng	95
3) Pyridine	3.80	79	116764	31.297	ng	95
4) n-Nitrosodimethylamine	3.71	42	55546	45.498	ng	92
6) Aniline	7.27	93	207737	41.389	ng	96
8) 2-Chlorophenol	7.52	128	147524	49.799	ng	97
9) Benzaldehyde	7.08	77	88722	35.417	ng	98
10) Phenol	7.16	94	198334	50.051	ng	96
11) bis(2-Chloroethyl)ether	7.36	93	133783	43.283	ng	98
12) 1,3-Dichlorobenzene	7.84	146	150444	42.260	ng	99
13) 1,4-Dichlorobenzene	7.98	146	154070	43.855	ng	98
14) 1,2-Dichlorobenzene	8.30	146	146480	43.350	ng	97
15) Benzyl Alcohol	8.19	79	151684	47.756	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	125654	42.828	ng	96
17) 2-Methylphenol	8.41	107	139708	47.103	ng	99
18) Hexachloroethane	9.03	117	58025	43.124	ng	88
19) n-Nitroso-di-n-propylamine	8.76	70	123972	46.627	ng	96
20) 3+4-Methylphenols	8.74	107	186768	46.242	ng	93
22) Acetophenone	8.77	105	229535	44.509	ng	# 98
24) Nitrobenzene	9.15	77	187579	43.879	ng	99
25) Isophorone	9.68	82	350346	44.585	ng	99
26) 2-Nitrophenol	9.87	139	86012	47.033	ng	96
27) 2,4-Dimethylphenol	9.94	122	146130	53.876	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	192376	46.682	ng	99
29) 2,4-Dichlorophenol	10.42	162	155383	48.513	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	169703	44.839	ng	96
31) Naphthalene	10.81	128	460278	45.395	ng	100
32) Benzoic acid	10.11	122	75234	42.290	ng	# 80
33) 4-Chloroaniline	10.92	127	148818	35.113	ng	98
34) Hexachlorobutadiene	11.10	225	114328	42.734	ng	98
35) Caprolactam	11.69	113	36466	31.018	ng	88
36) 4-Chloro-3-methylphenol	12.06	107	190320	52.732	ng	95
37) 2-Methylnaphthalene	12.42	142	358336	47.416	ng	96
38) 1-Methylnaphthalene	12.63	142	337726	47.309	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	203228	43.515	ng	99

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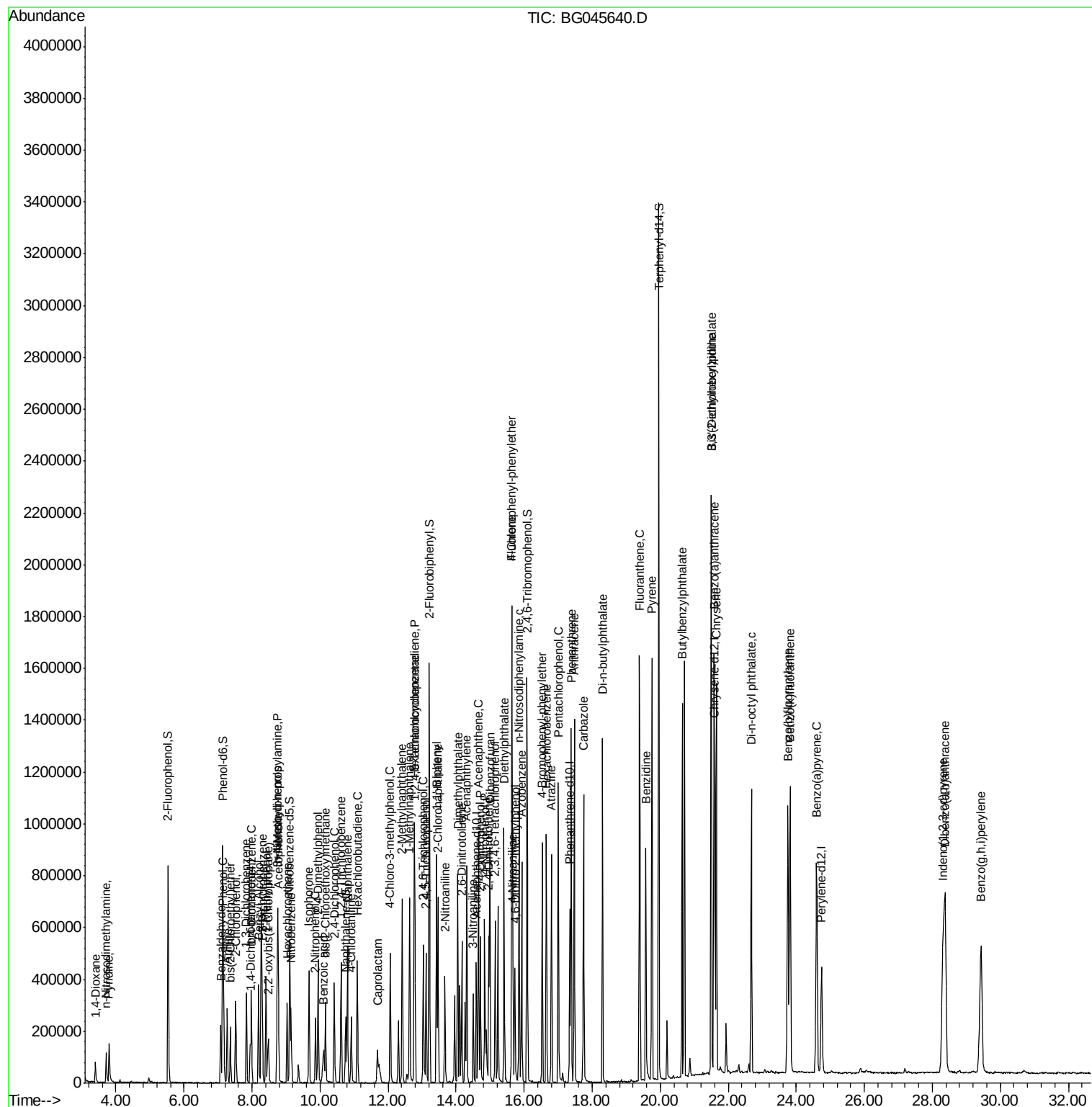
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	244537	90.717	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	142591	43.952	nq	99
44) 2,4,5-Trichlorophenol	13.11	196	156175	42.126	nq	98
46) 1,1'-Biphenyl	13.43	154	471792	45.921	nq	100
47) 2-Chloronaphthalene	13.47	162	361039	43.275	nq	98
48) 2-Nitroaniline	13.67	65	129878	47.326	nq	92
49) Acenaphthylene	14.31	152	621173	46.354	nq	99
50) Dimethylphthalate	14.05	163	529928	46.201	nq	99
51) 2,6-Dinitrotoluene	14.17	165	119924	46.335	nq	99
52) Acenaphthene	14.66	154	365301	40.724	nq	99
53) 3-Nitroaniline	14.50	138	94676	35.984	nq	96
54) 2,4-Dinitrophenol	14.71	184	147535	86.539	nq	97
55) Dibenzofuran	14.99	168	612331	45.968	nq	97
56) 4-Nitrophenol	14.84	139	175367	88.037	nq	89
57) 2,4-Dinitrotoluene	14.96	165	176268	47.024	nq	98
58) Fluorene	15.64	166	512892	46.866	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	148173	45.429	nq	90
60) Diethylphthalate	15.41	149	564016	47.244	nq	98
61) 4-Chlorophenyl-phenylether	15.63	204	291721	46.583	nq	98
62) 4-Nitroaniline	15.67	138	126362	46.005	nq	99
63) Azobenzene	15.93	77	541832	48.674	nq	100
65) 4,6-Dinitro-2-methylphenol	15.73	198	110258	43.510	nq	94
66) n-Nitrosodiphenylamine	15.85	169	471016	45.086	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	200868	42.633	nq	99
68) Hexachlorobenzene	16.66	284	221243	44.896	nq	99
69) Atrazine	16.80	200	183724	42.697	nq	99
70) Pentachlorophenol	17.00	266	229316	89.620	nq	97
71) Phenanthrene	17.39	178	864448	45.509	nq	99
72) Anthracene	17.47	178	889424	46.627	nq	98
73) Carbazole	17.75	167	822868	44.255	nq	97
74) Di-n-butylphthalate	18.31	149	994068	44.542	nq	99
75) Fluoranthene	19.39	202	1089817	45.107	nq	100
77) Benzidine	19.58	184	598187	52.519	nq	99
78) Pyrene	19.76	202	1082365	46.819	nq	99
80) Butylbenzylphthalate	20.65	149	427990	42.892	nq	98
81) Benzo(a)anthracene	21.59	228	1030216	45.602	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	331659	37.425	nq	99
83) Chrysene	21.65	228	978317	45.036	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	608308	44.348	nq	99
85) Di-n-octyl phthalate	22.68	149	1039843	44.139	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1269582	44.694	nq	99
88) Benzo(b)fluoranthene	23.75	252	1077047	45.516	nq	100
89) Benzo(k)fluoranthene	23.82	252	1076898	48.441	nq	100
90) Benzo(a)pyrene	24.60	252	1003313	45.526	nq	97
91) Dibenzo(a,h)anthracene	28.37	278	1033458	46.665	nq	98
92) Benzo(g,h,i)perylene	29.43	276	1062336	47.963	nq	99

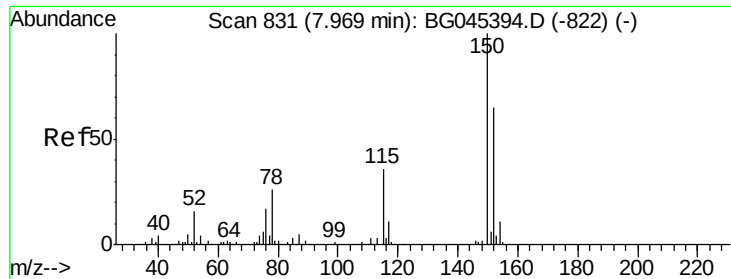
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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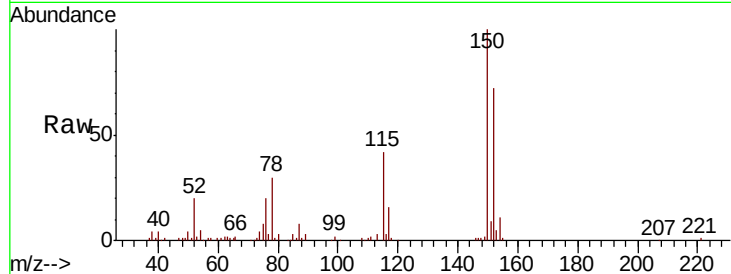


#1

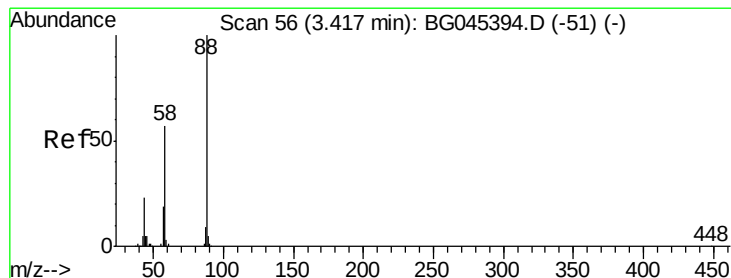
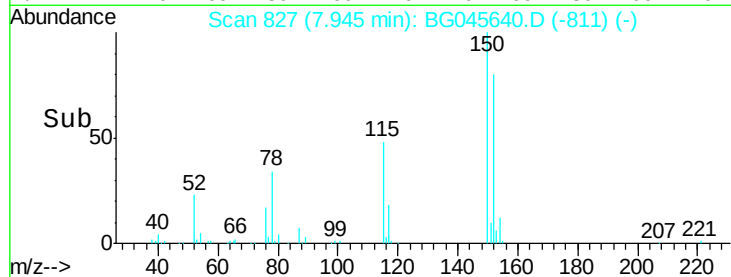
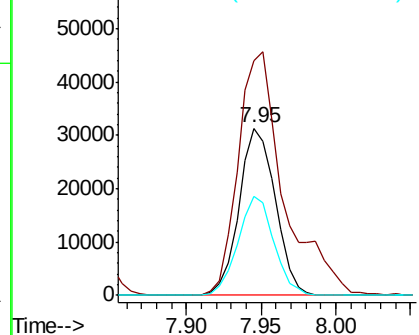
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:152 Resp: 52793
Ion Ratio Lower Upper
152 100
150 139.8 122.4 183.6
115 59.4 44.2 66.4



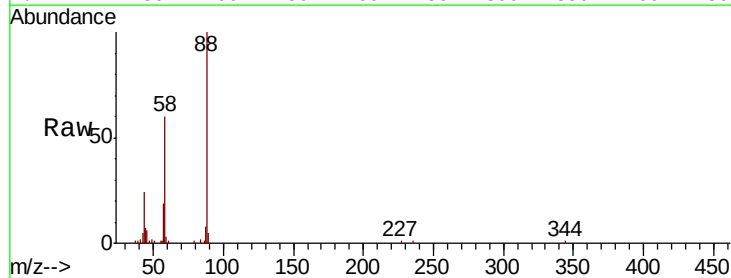
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



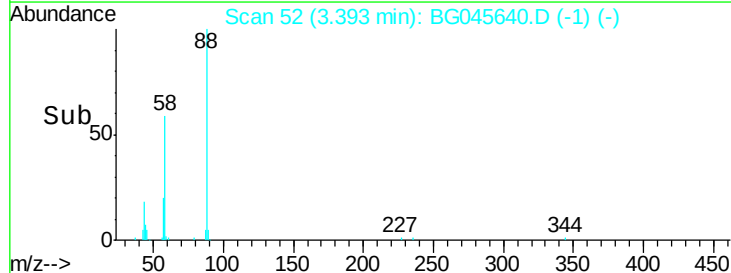
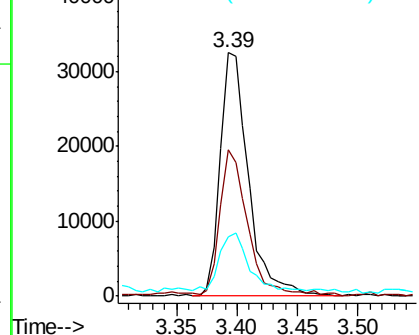
#2

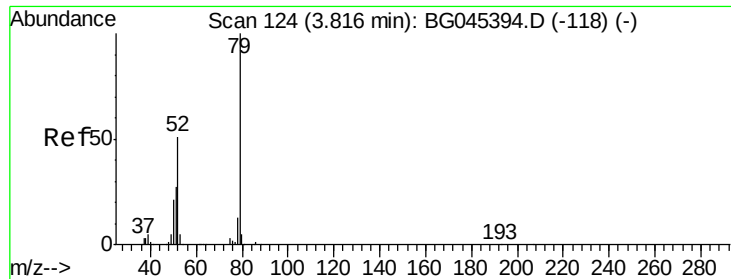
1,4-Dioxane
Concen: 39.179 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion: 88 Resp: 52483
Ion Ratio Lower Upper
88 100
58 59.7 45.7 68.5
43 24.5 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

Pvridine

Concen: 31.297 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

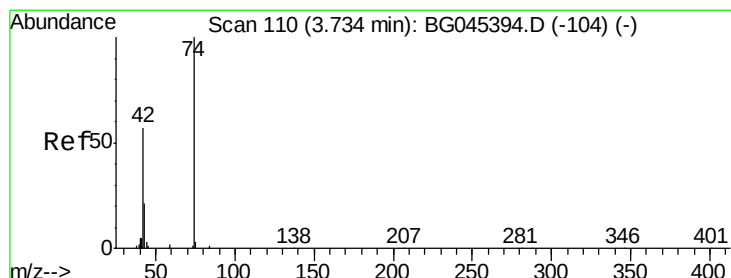
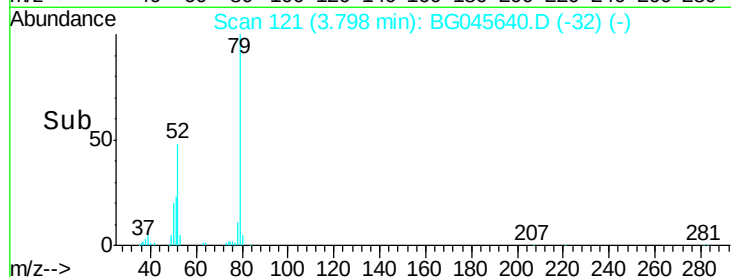
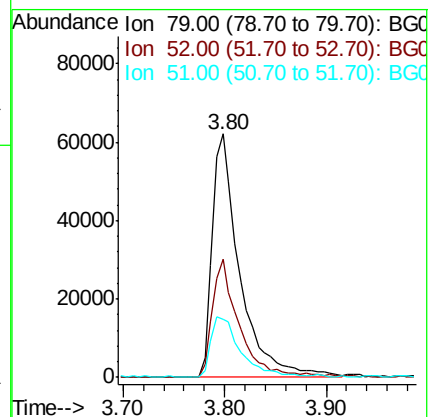
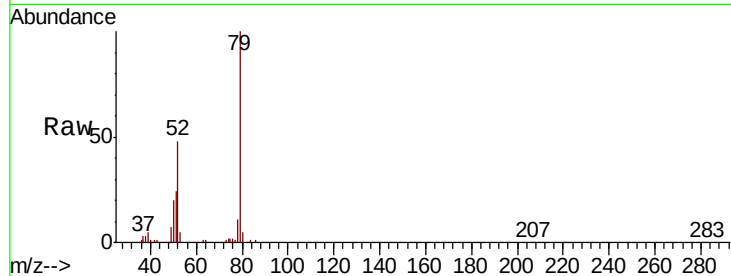
Tot Ion: 79 Resp: 116764

Ion Ratio Lower Upper

79 100

52 48.4 40.8 61.2

51 23.7 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 45.498 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

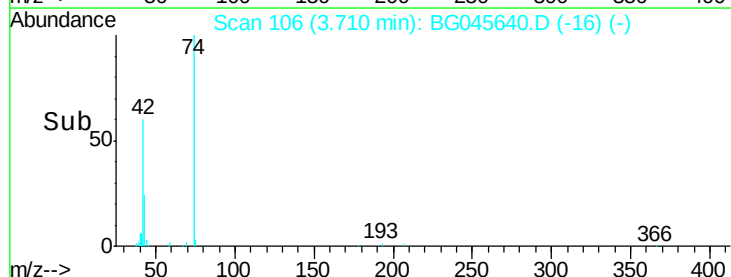
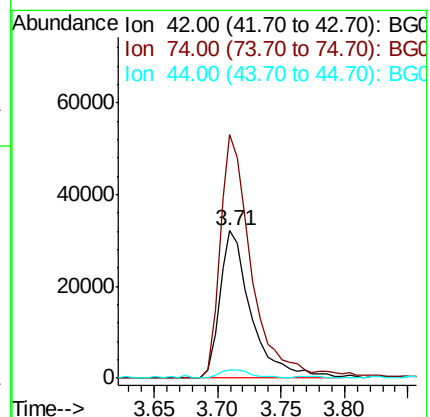
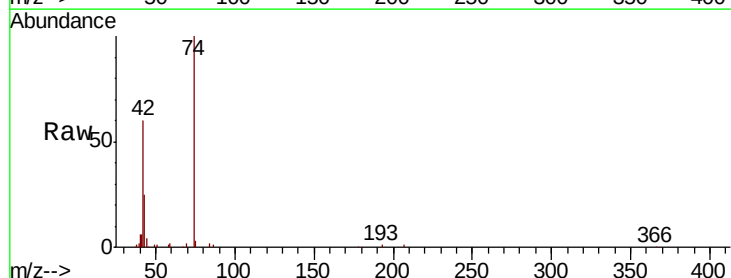
Tgt Ion: 42 Resp: 55546

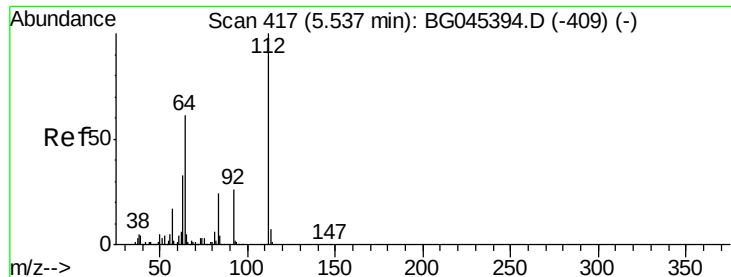
Ion Ratio Lower Upper

42 100

74 165.4 141.3 211.9

44 5.8 4.2 6.4





#5

2-Fluorophenol

Concen: 148.651 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

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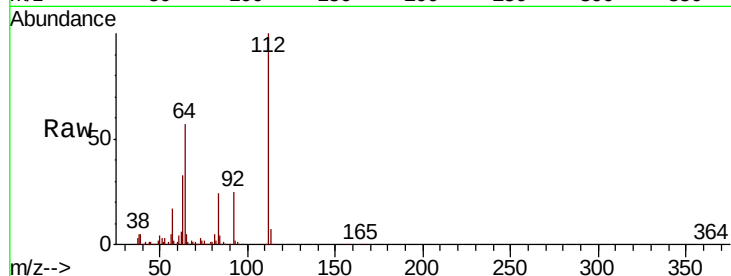
Tot Ion:112 Resp: 401563

Ion Ratio Lower Upper

112 100

64 56.7 48.6 72.8

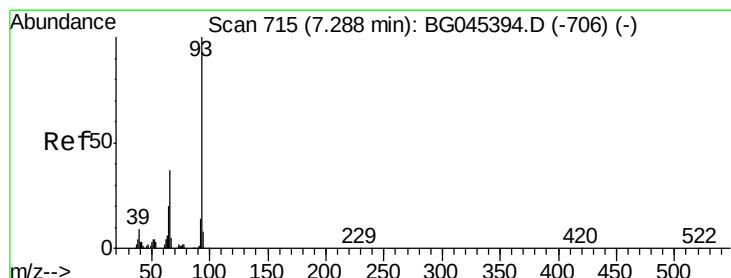
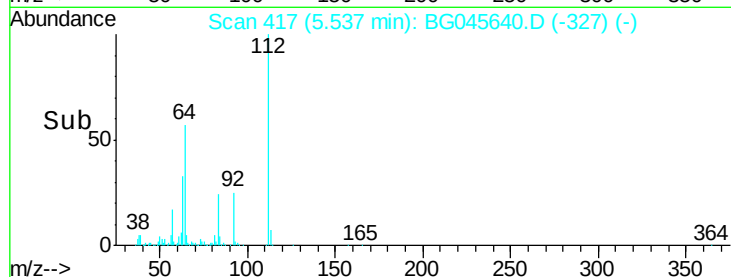
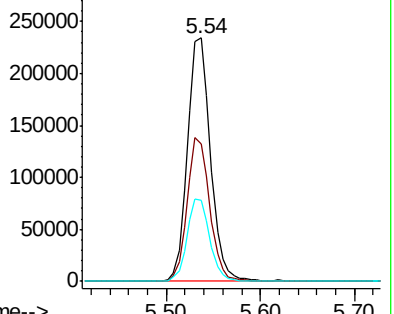
63 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.389 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

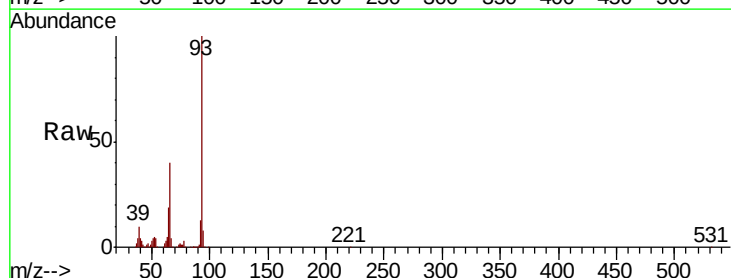
Tgt Ion: 93 Resp: 207737

Ion Ratio Lower Upper

93 100

66 40.3 29.6 44.4

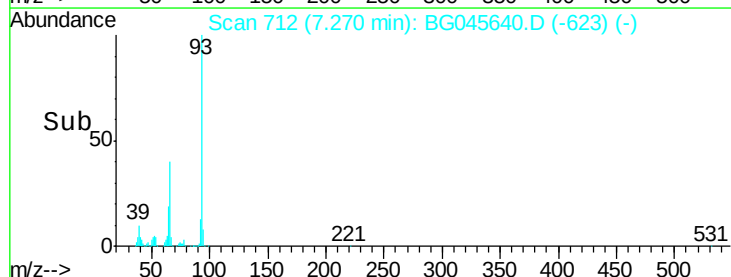
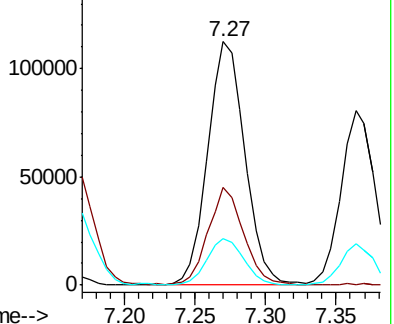
65 19.3 15.9 23.9

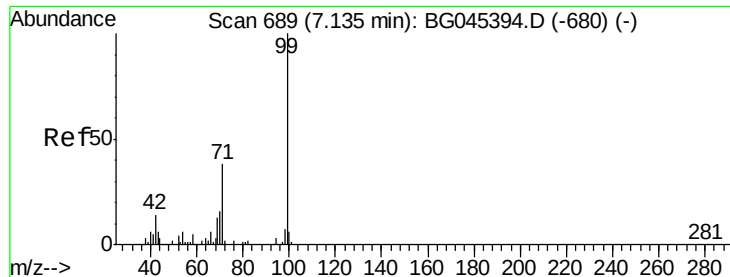


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.576 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045640.D

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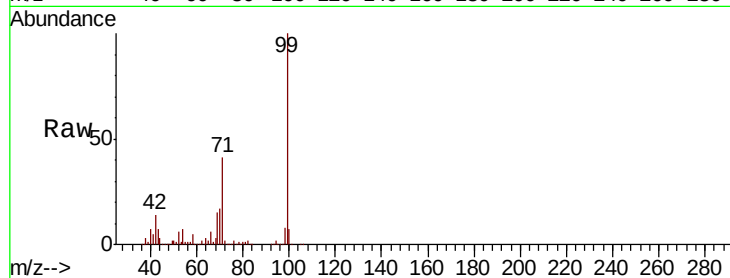
Tot Ion: 99 Resp: 575099

Ion Ratio Lower Upper

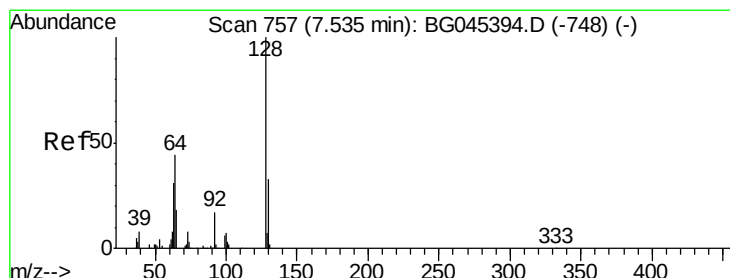
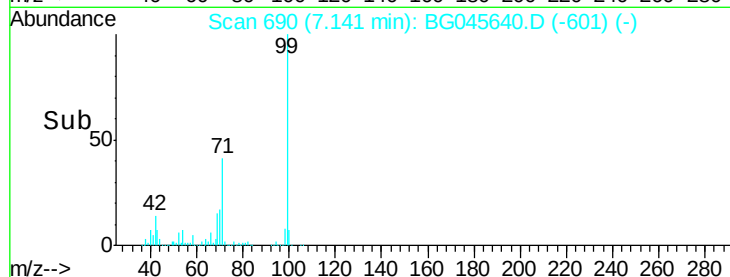
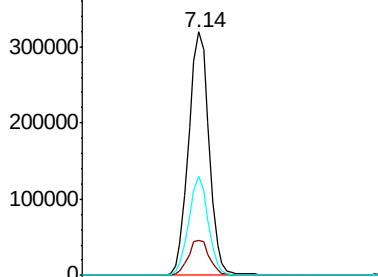
99 100

42 14.3 11.3 16.9

71 40.7 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: 49.799 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

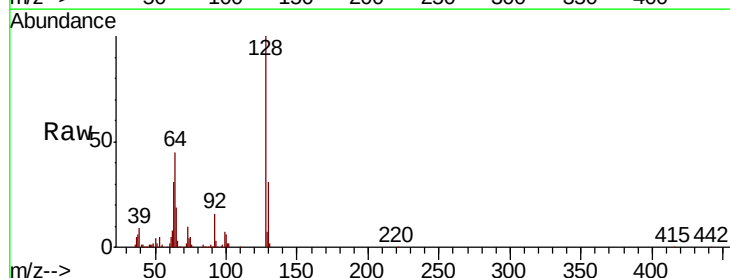
Tgt Ion: 128 Resp: 147524

Ion Ratio Lower Upper

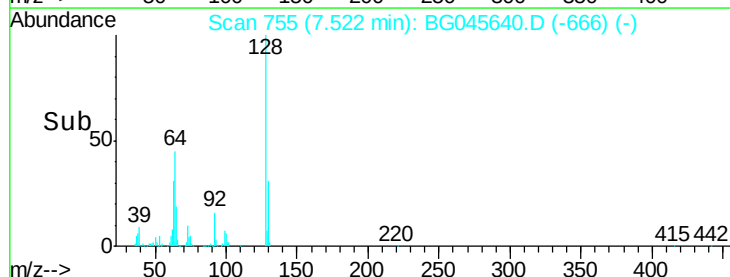
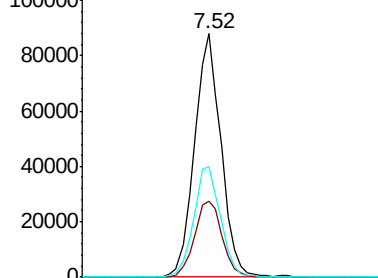
128 100

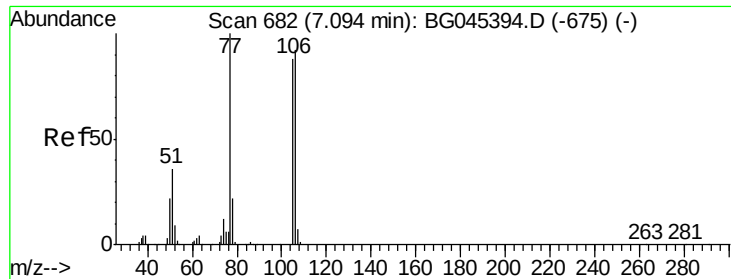
130 31.1 12.6 52.6

64 45.4 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: 35.417 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

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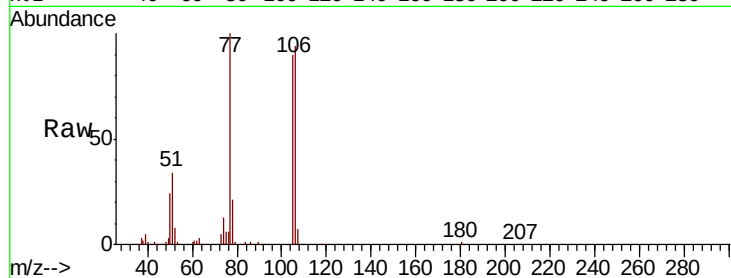
Tot Ion: 77 Resp: 88722

Ion Ratio Lower Upper

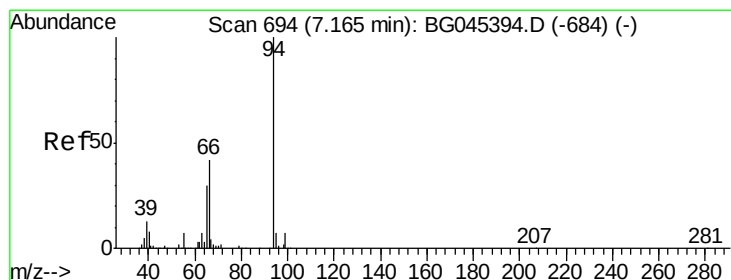
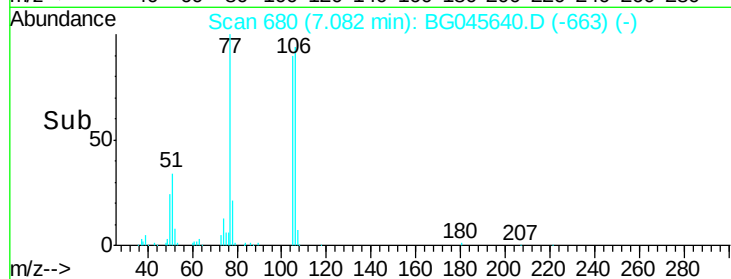
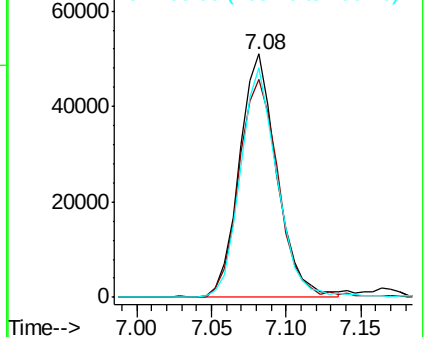
77 100

105 89.8 68.5 108.5

106 94.5 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: 50.051 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

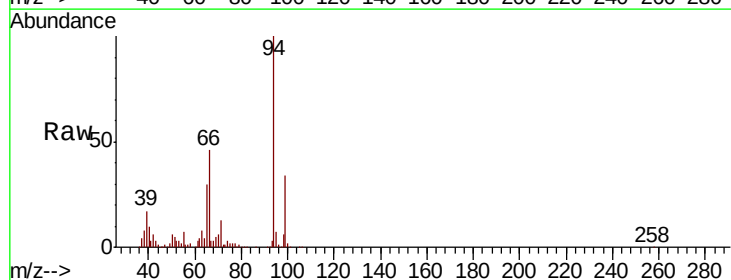
Tgt Ion: 94 Resp: 198334

Ion Ratio Lower Upper

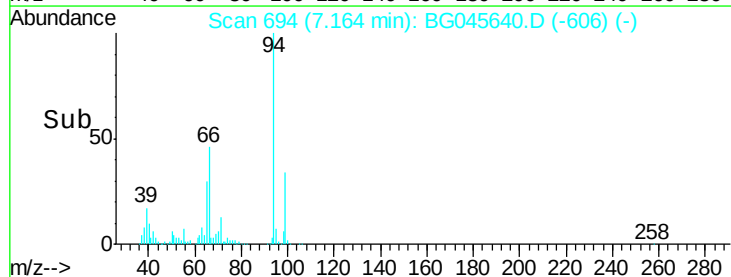
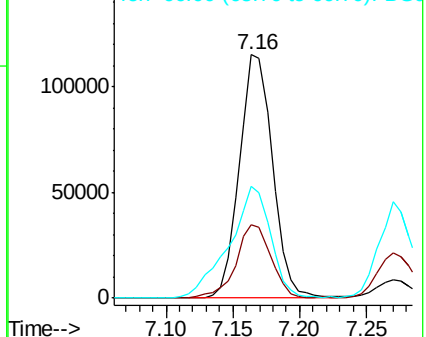
94 100

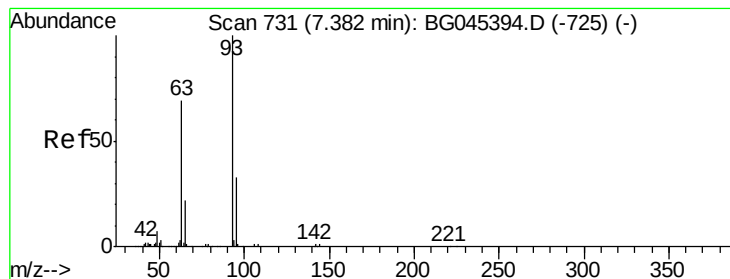
65 30.1 9.8 49.8

66 45.8 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: 43.283 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

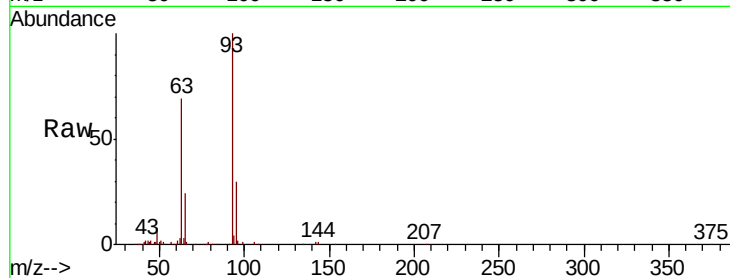
Tot Ion: 93 Resp: 133783

Ion Ratio Lower Upper

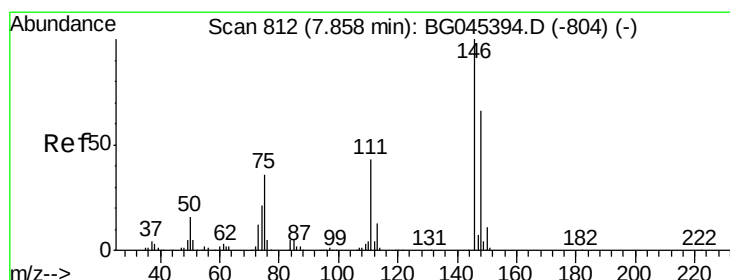
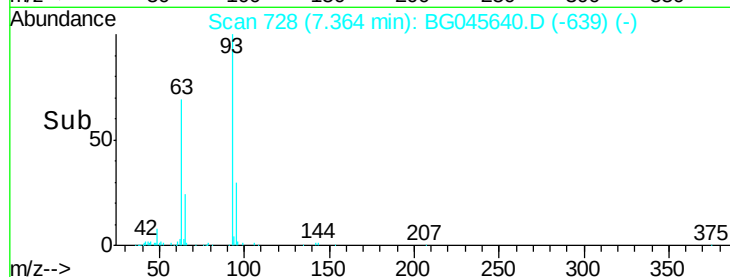
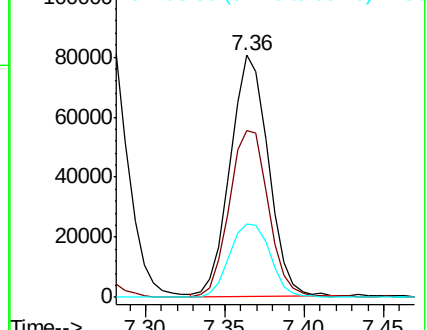
93 100

63 68.9 48.4 88.4

95 30.4 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.260 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

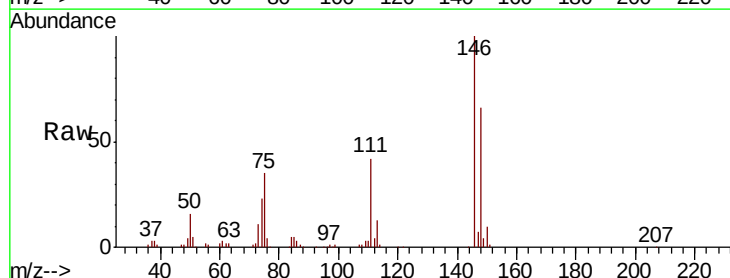
Tgt Ion: 146 Resp: 150444

Ion Ratio Lower Upper

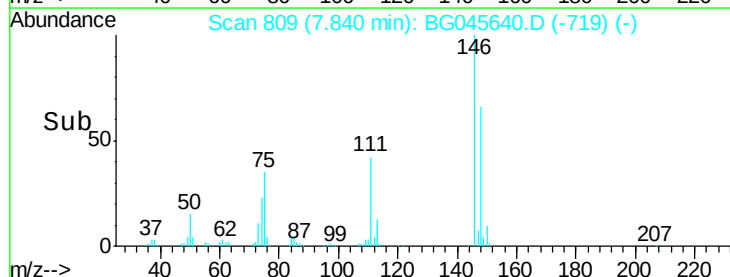
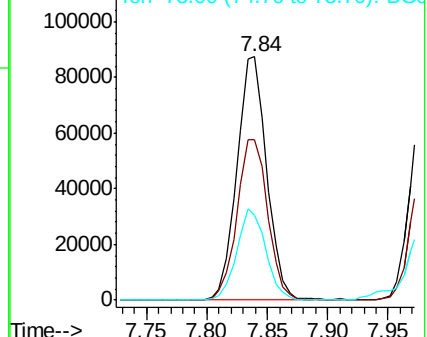
146 100

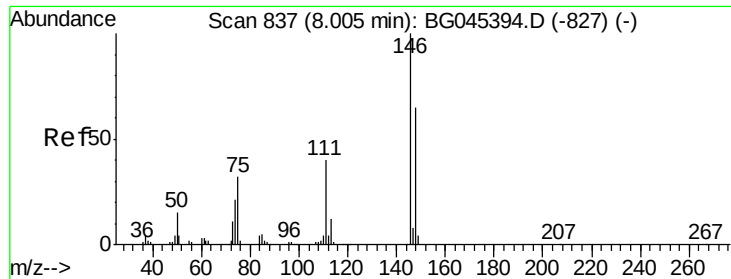
148 66.1 53.2 79.8

75 34.8 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

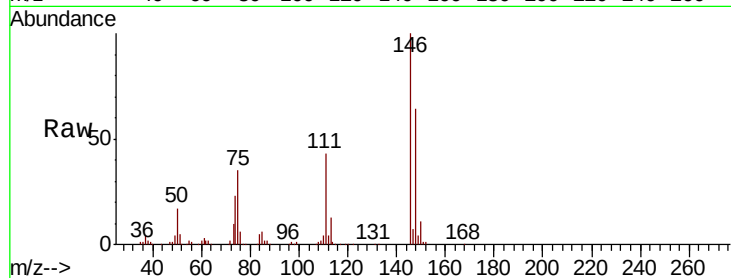




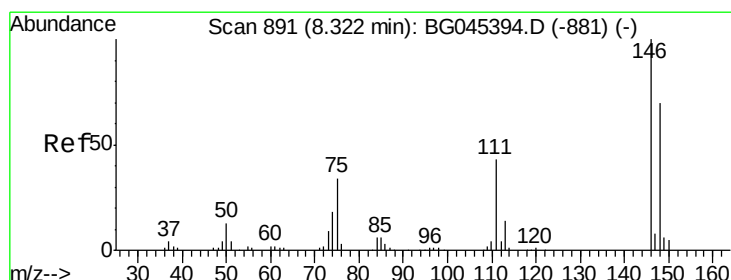
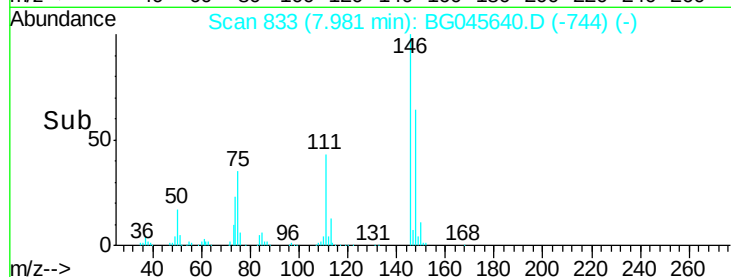
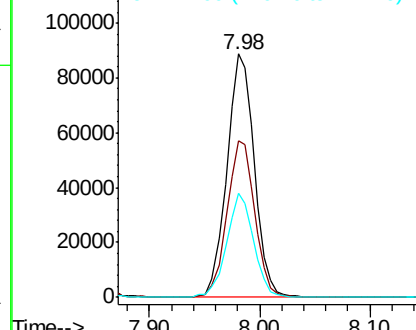
#13
 1,4-Dichlorobenzene
 Concen: 43.855 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion:146 Resp: 154070
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 111 42.7 32.1 48.1

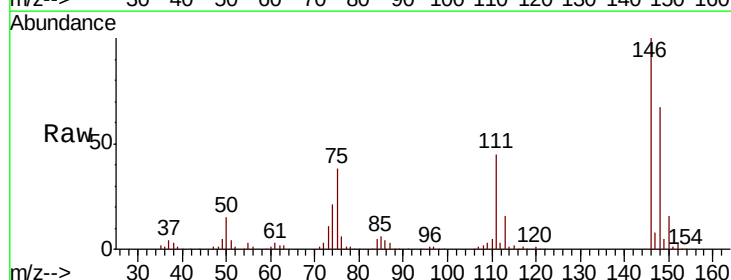


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

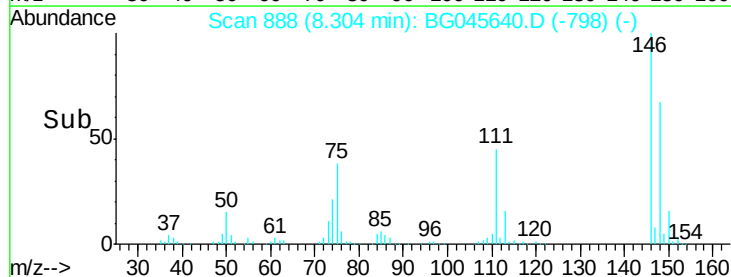
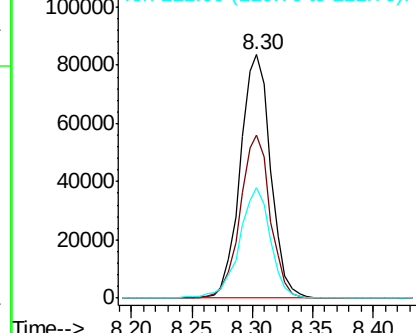


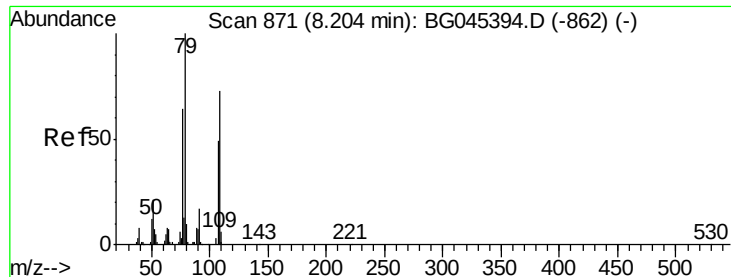
#14
 1,2-Dichlorobenzene
 Concen: 43.350 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion:146 Resp: 146480
 Ion Ratio Lower Upper
 146 100
 148 67.1 55.9 83.9
 111 45.5 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: 47.756 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

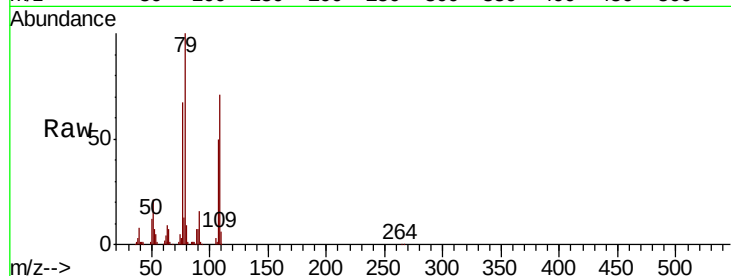
Tot Ion: 79 Resp: 151684

Ion Ratio Lower Upper

79 100

108 70.7 58.2 87.4

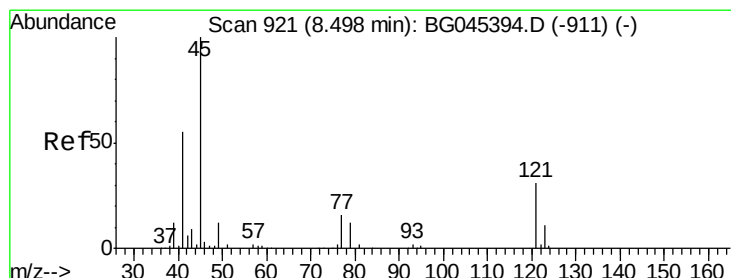
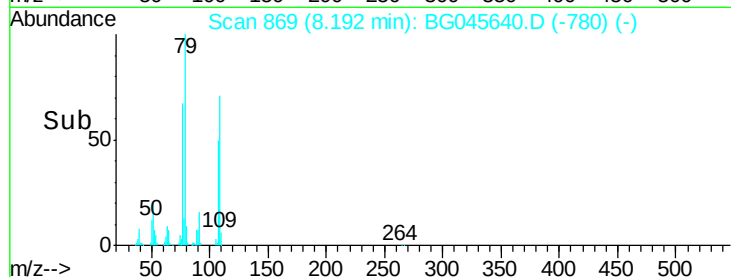
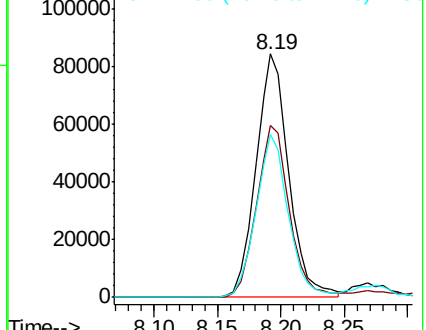
77 67.2 51.0 76.4



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: 42.828 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

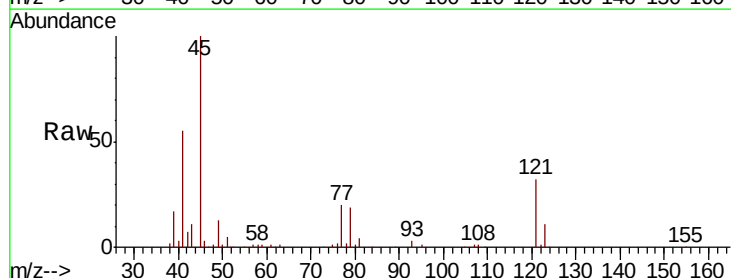
Tgt Ion: 45 Resp: 125654

Ion Ratio Lower Upper

45 100

77 20.3 4.0 44.0

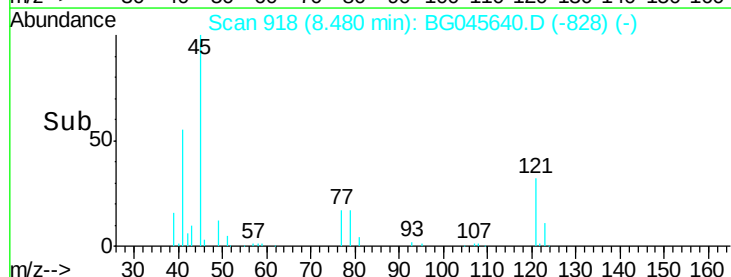
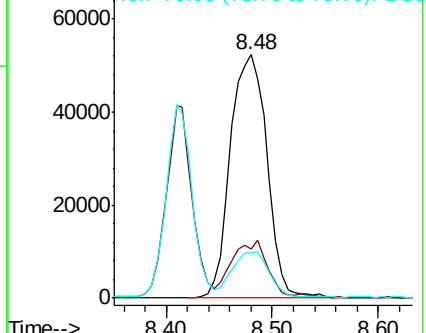
79 18.8 0.0 38.6

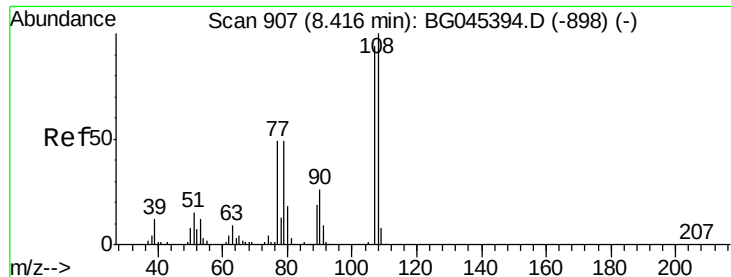


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

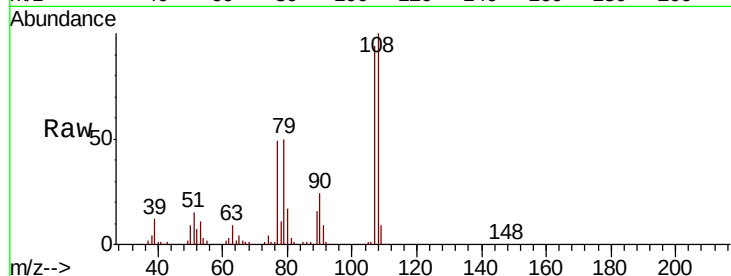




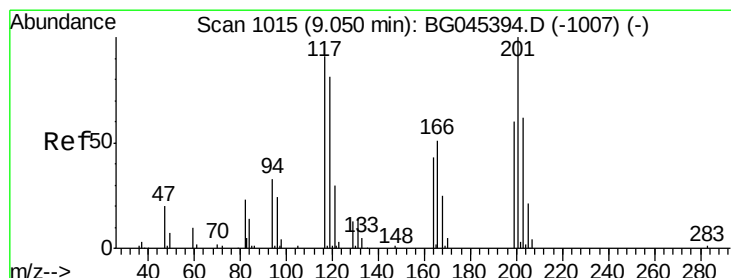
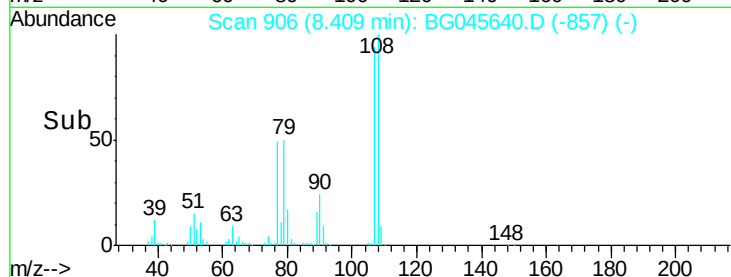
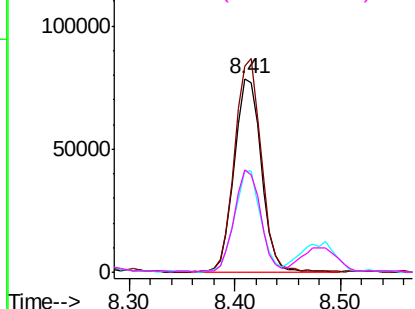
#17
2-Methylphenol
Concen: 47.103 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:	107	Resp:	139708
Ion	Ratio	Lower	Upper
107	100		
108	106.7	85.2	127.8
77	52.6	41.6	62.4
79	52.9	41.8	62.8

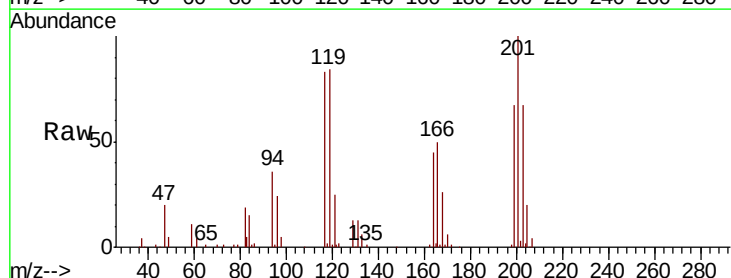


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.30): BG
Ion 79.00 (78.70 to 79.30): BG

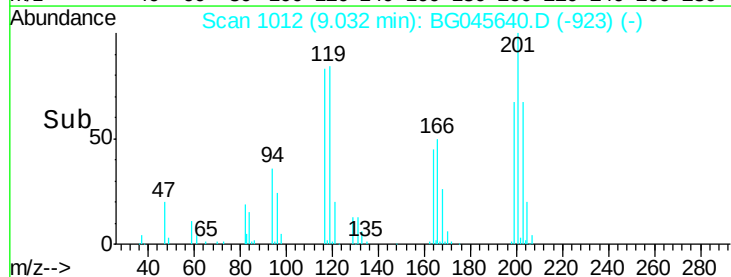
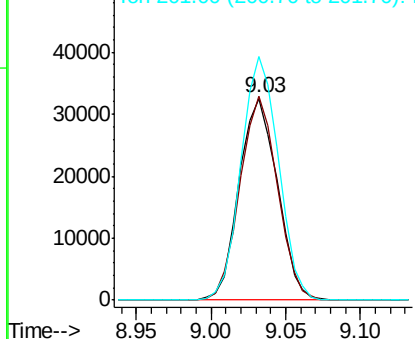


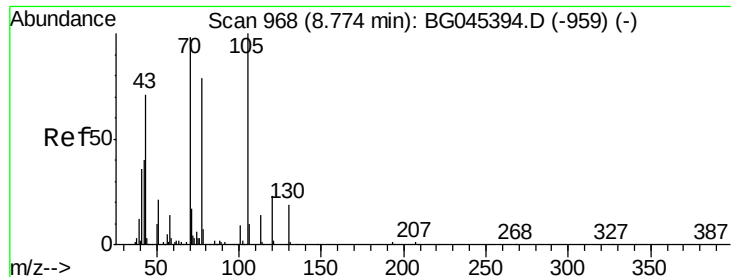
#18
Hexachloroethane
Concen: 43.124 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:	117	Resp:	58025
Ion	Ratio	Lower	Upper
117	100		
119	100.8	71.3	106.9
201	120.7	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: 46.627 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

Tot Ion: 70 Resp: 123972

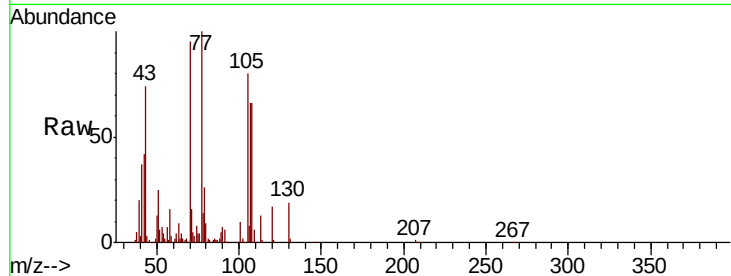
Ion Ratio Lower Upper

70 100

42 44.5 33.2 49.8

101 10.7 7.8 11.6

130 20.2 15.4 23.2

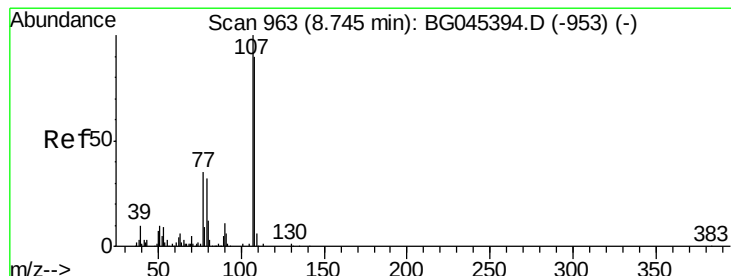
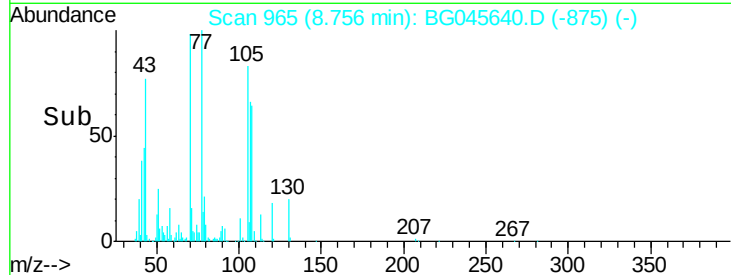
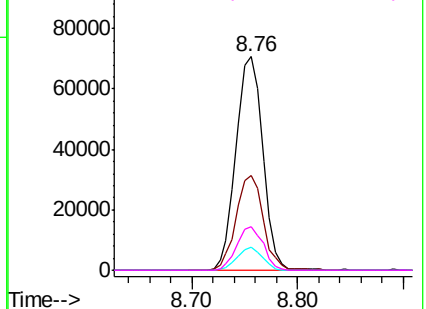


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.242 ng

RT: 8.74 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Tgt Ion: 107 Resp: 186768

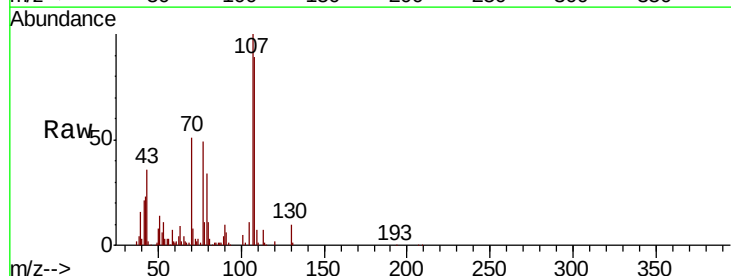
Ion Ratio Lower Upper

107 100

108 88.6 70.3 110.3

77 48.9 15.4 55.4

79 34.5 12.6 52.6

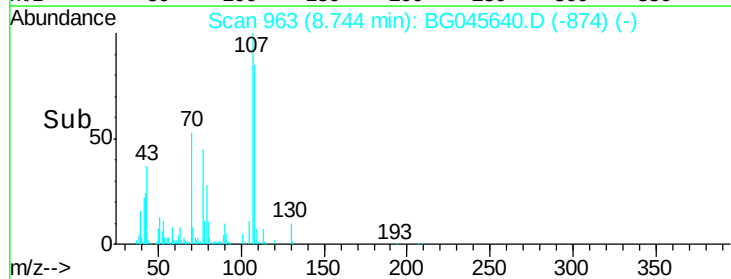
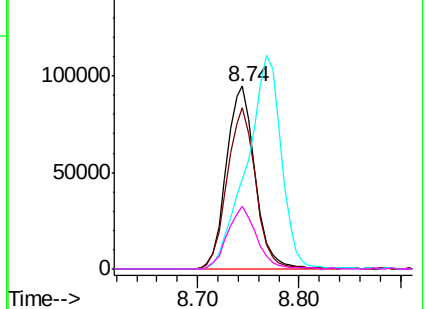


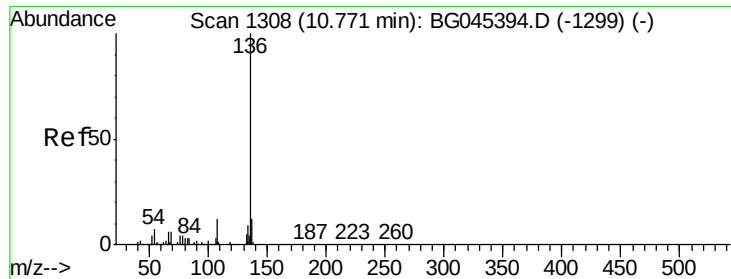
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 79.00 (78.70 to 79.70): BG0

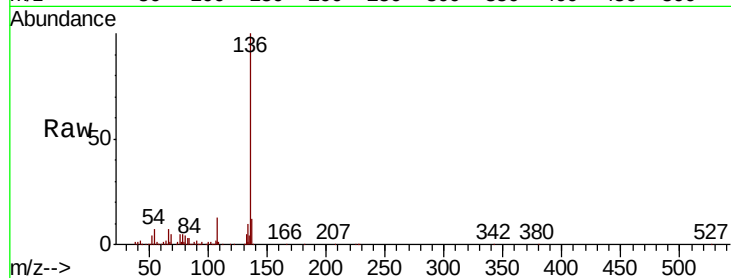




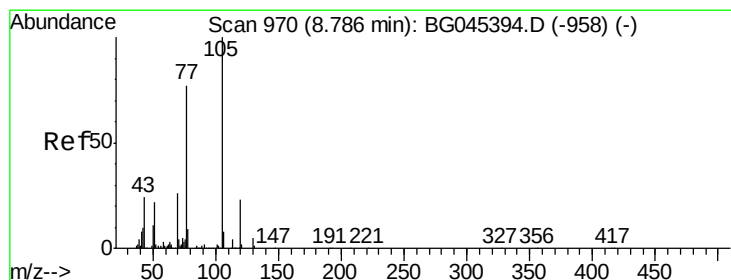
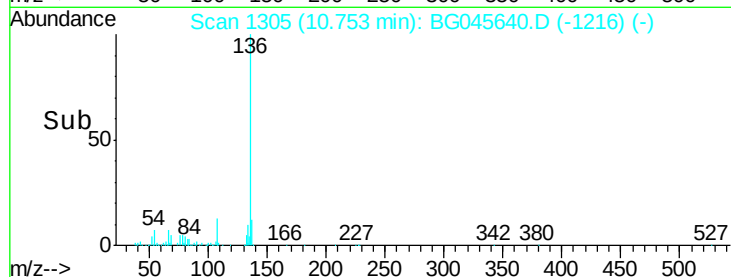
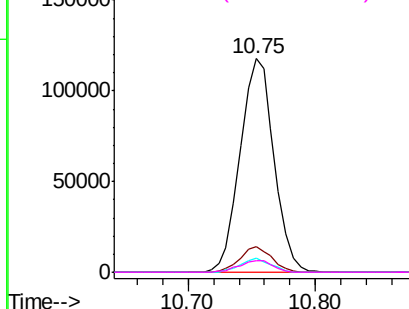
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:136	Resp:	217586	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.4	14.2	
54 6.7	5.8	8.6	
68 5.2	4.5	6.7	

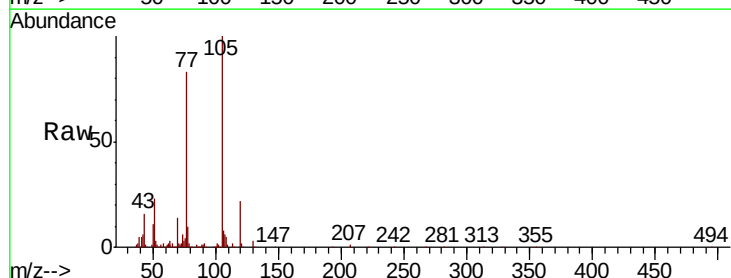


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

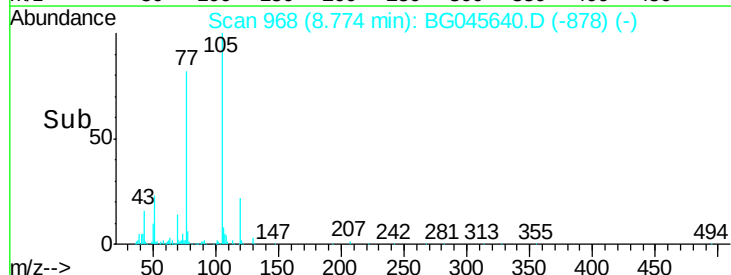
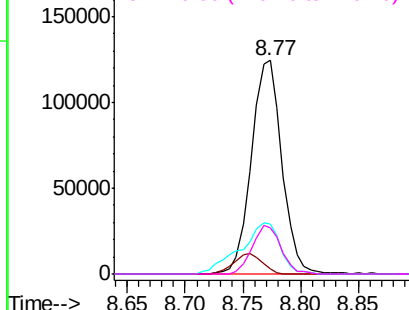


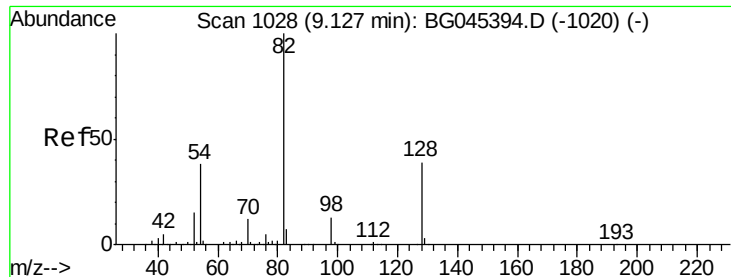
#22
Acetophenone
Concen: 44.509 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt	Ion:105	Resp:	229535
Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.4	5.0#
51	23.2	18.2	27.2
120	21.6	18.6	27.8



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

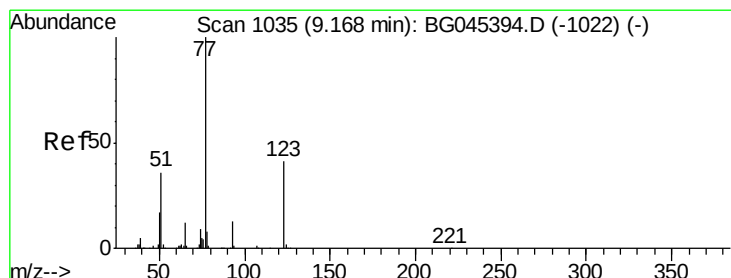
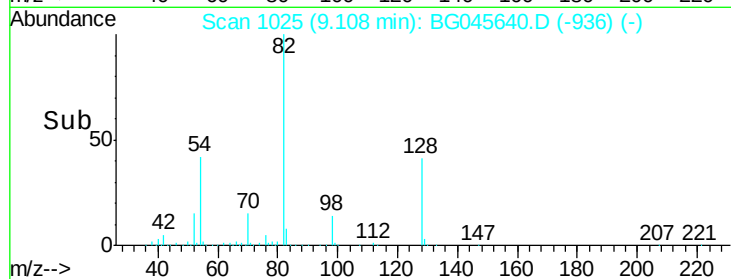
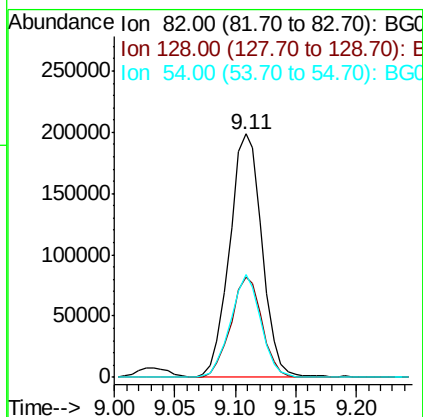
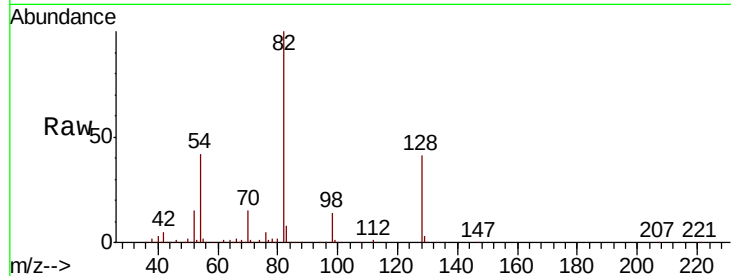




#23
 Nitrobenzene-d5
 Concen: 92.669 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

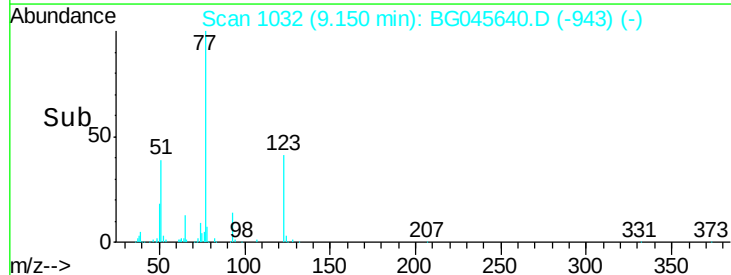
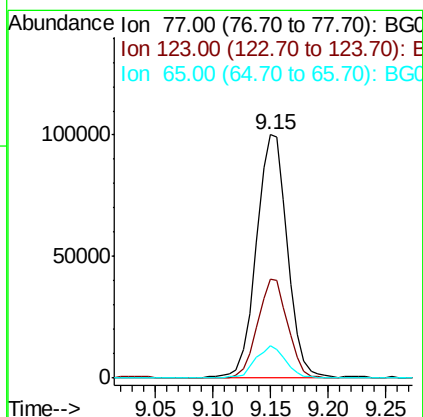
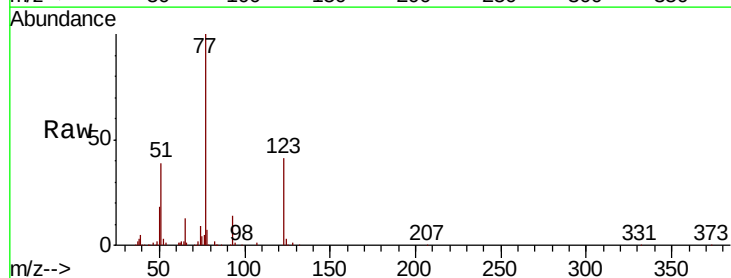
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

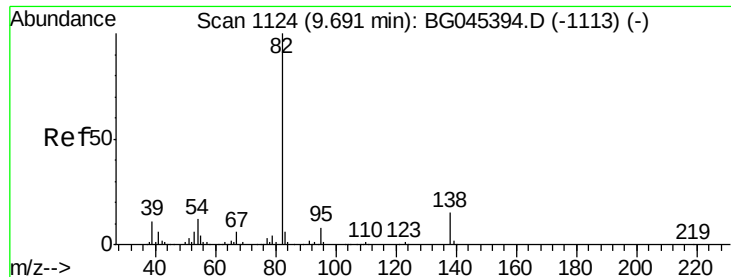
Tot Ion	82	Resp	369758
Ion Ratio	Lower	Upper	
82	100		
128	41.3	30.9	46.3
54	42.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.879 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion	77	Resp	187579
Ion Ratio	Lower	Upper	
77	100		
123	40.6	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 44.585 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

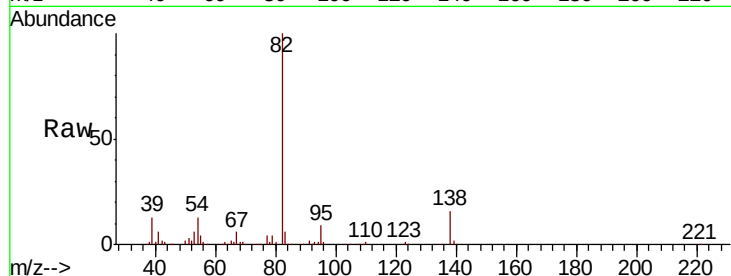
Tot Ion: 82 Resp: 350346

Ion Ratio Lower Upper

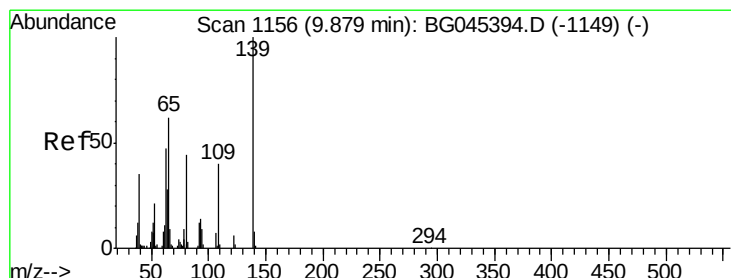
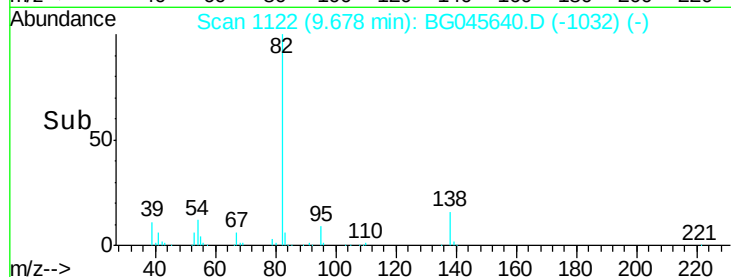
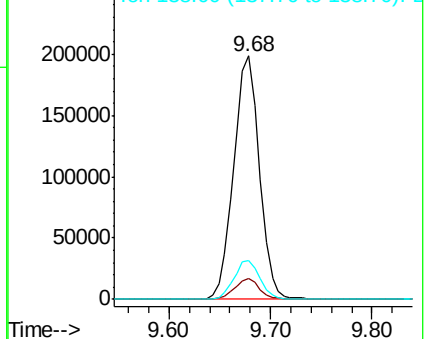
82 100

95 8.7 6.7 10.1

138 15.8 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: 47.033 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

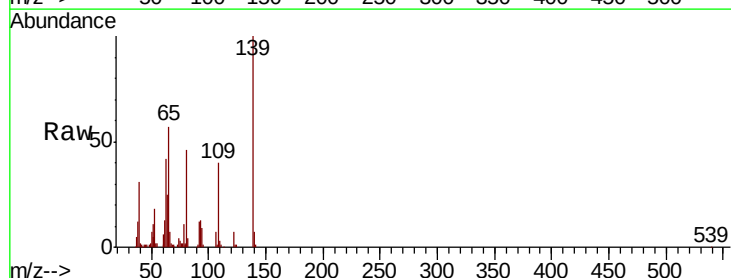
Tgt Ion: 139 Resp: 86012

Ion Ratio Lower Upper

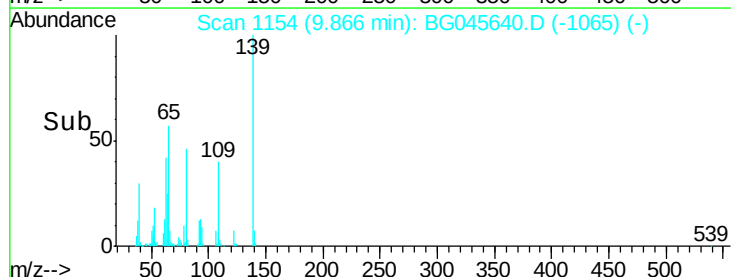
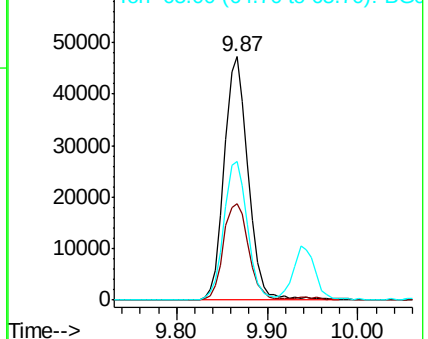
139 100

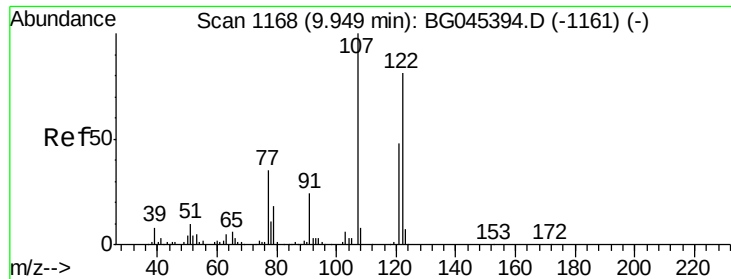
109 39.8 32.2 48.4

65 56.8 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

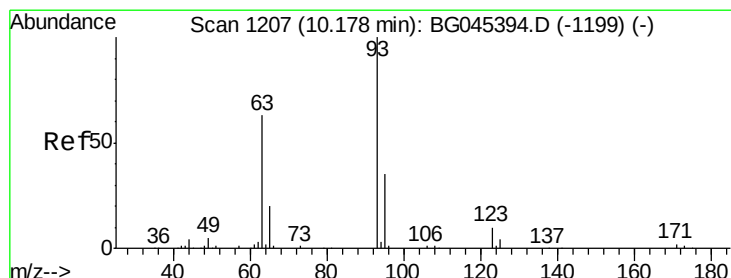
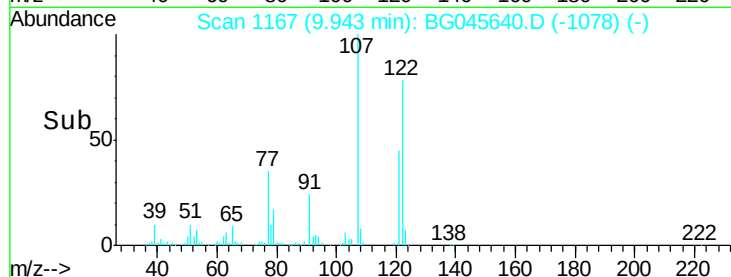
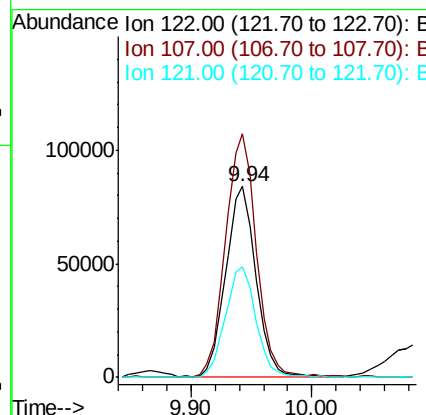
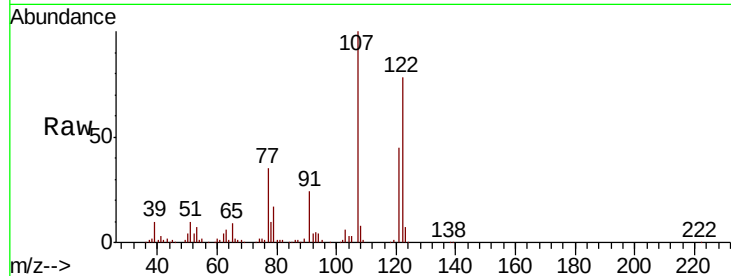




#27
 2,4-Dimethylphenol
 Concen: 53.876 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

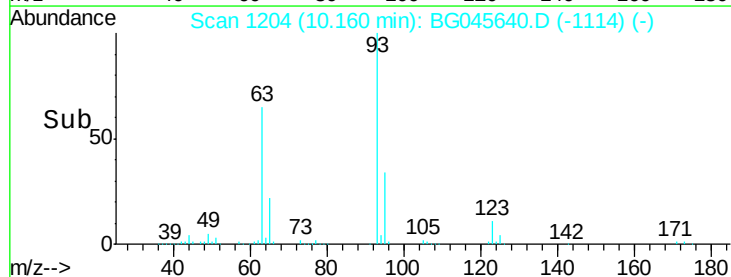
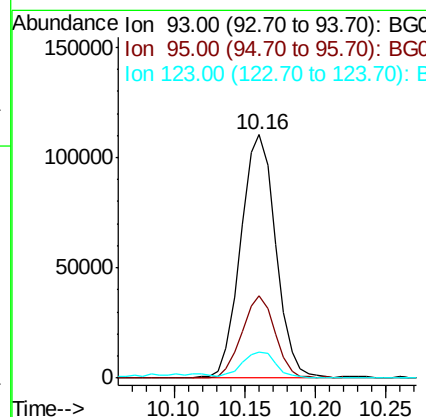
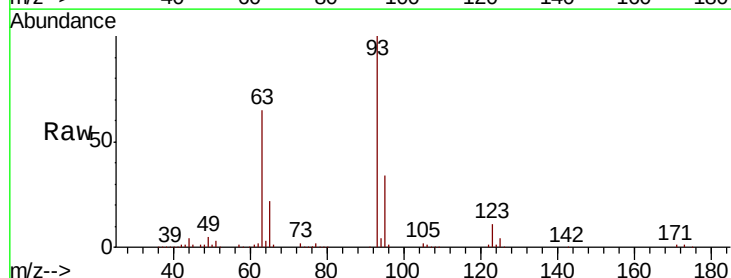
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

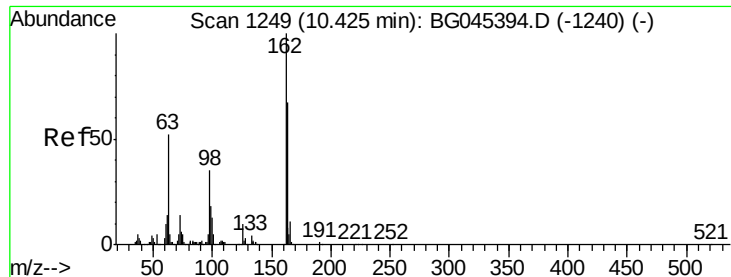
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.6	99.0	148.4
121	57.6	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.682 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.6	41.4
123	10.8	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 48.513 ng

RT: 10.42 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

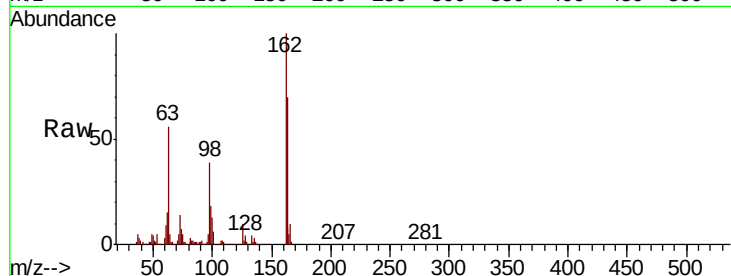
Tot Ion:162 Resp: 155383

Ion Ratio Lower Upper

162 100

164 70.1 46.8 86.8

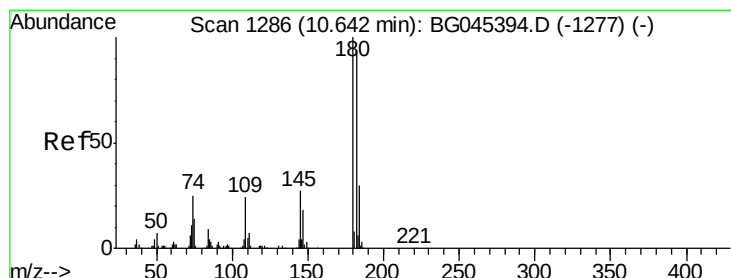
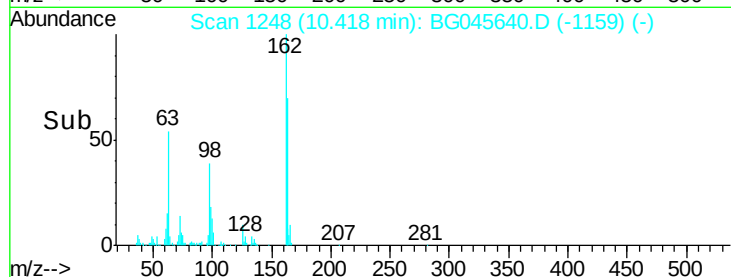
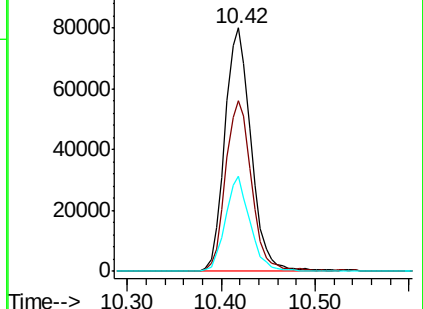
98 38.9 15.2 55.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 44.839 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

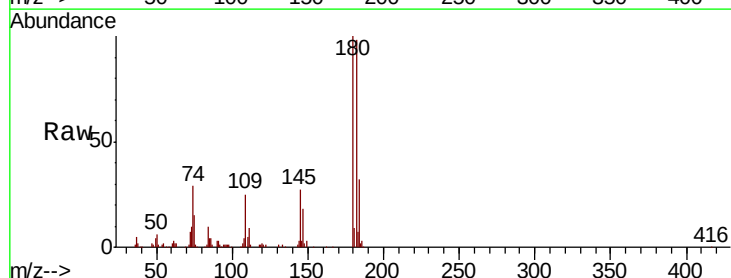
Tgt Ion:180 Resp: 169703

Ion Ratio Lower Upper

180 100

182 98.1 74.8 112.2

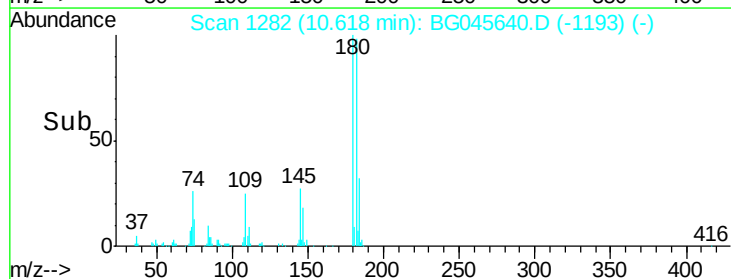
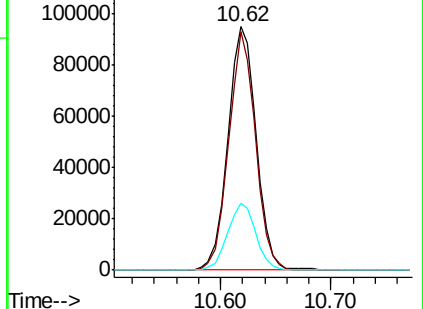
145 27.3 21.9 32.9

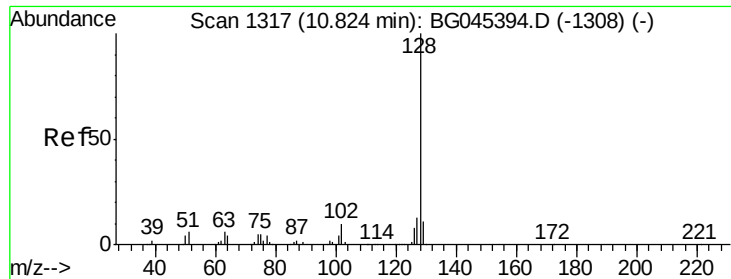


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

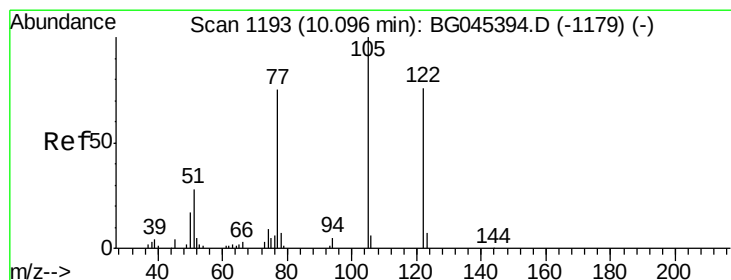
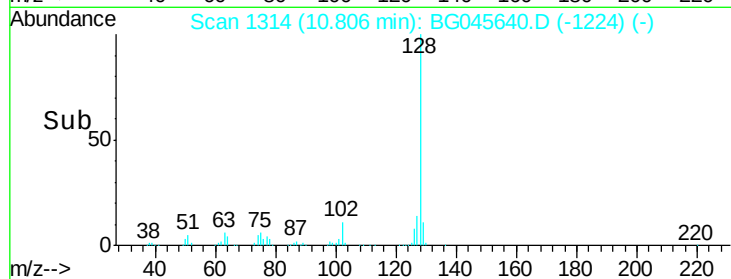
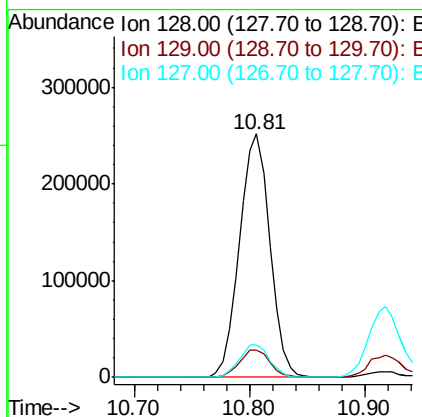
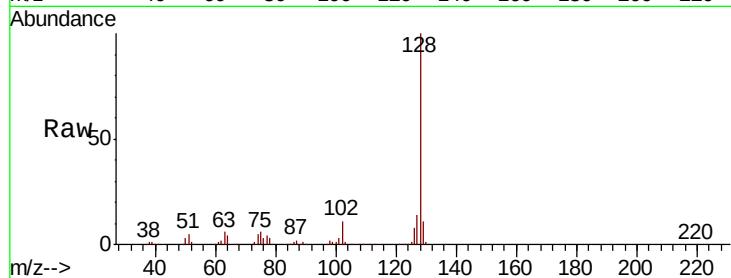




#31
Naphthalene
Concen: 45.395 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

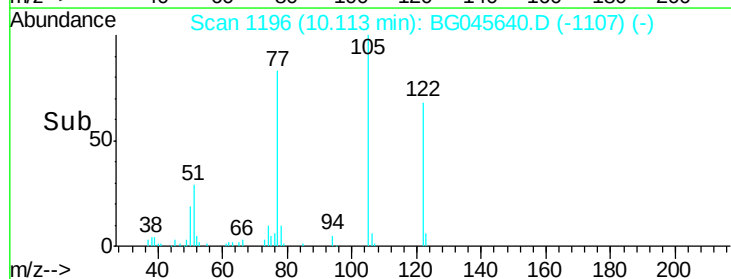
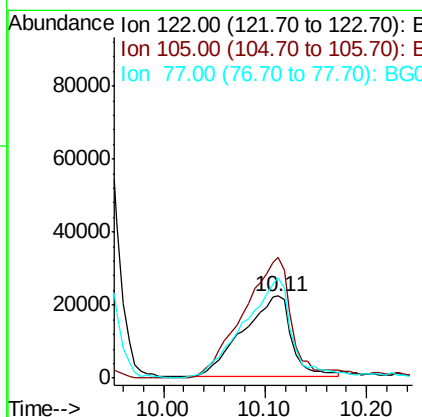
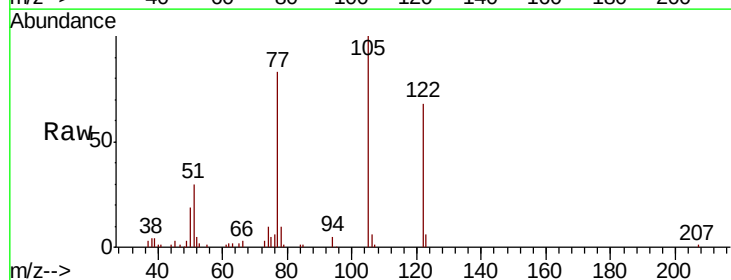
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

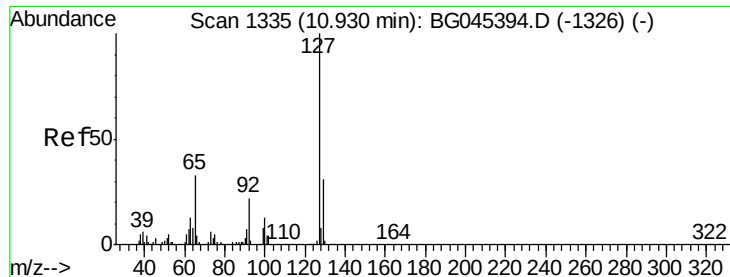
Tot Ion:128 Resp: 460278
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 42.290 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:122 Resp: 75234
Ion Ratio Lower Upper
122 100
105 147.8 107.9 147.9
77 122.1 78.9 118.9#

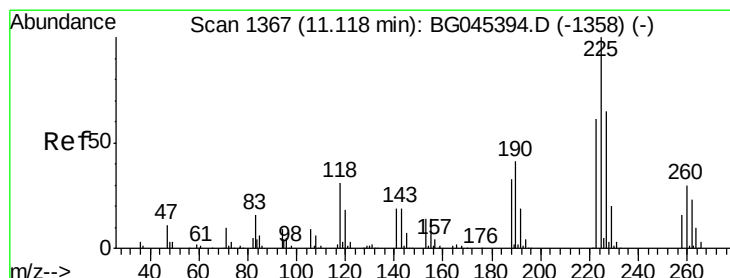
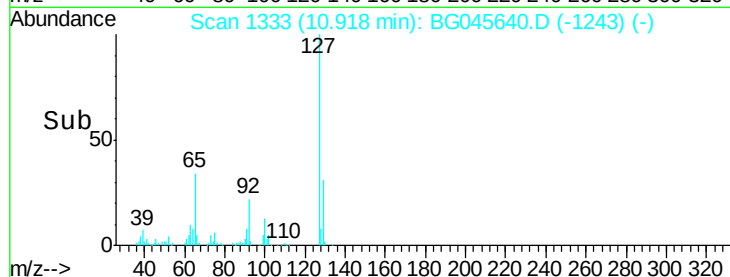
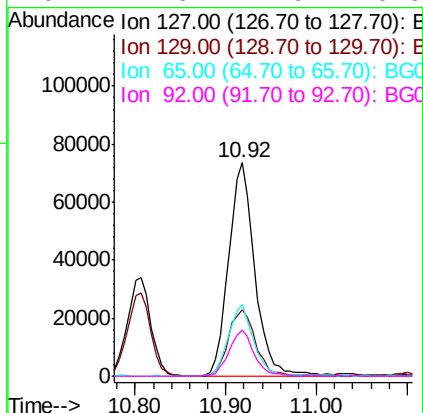
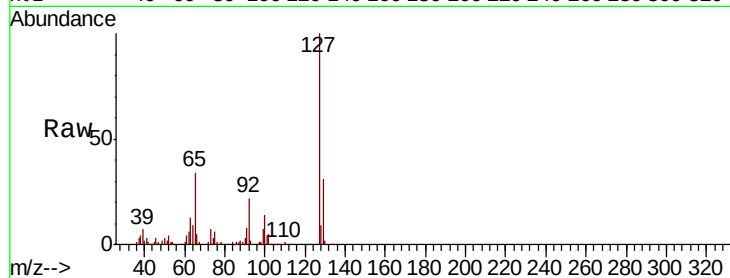




#33
4-Chloroaniline
Concen: 35.113 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

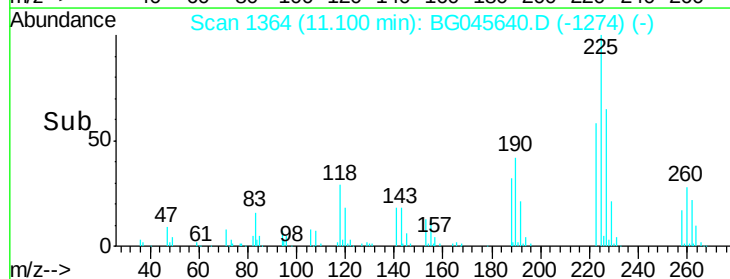
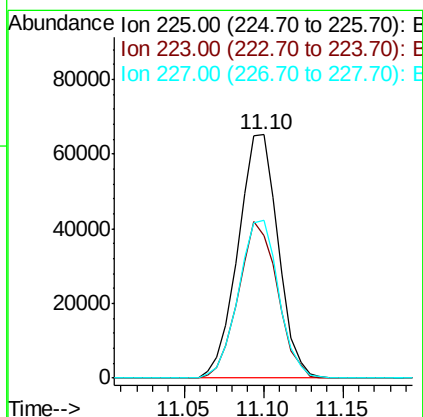
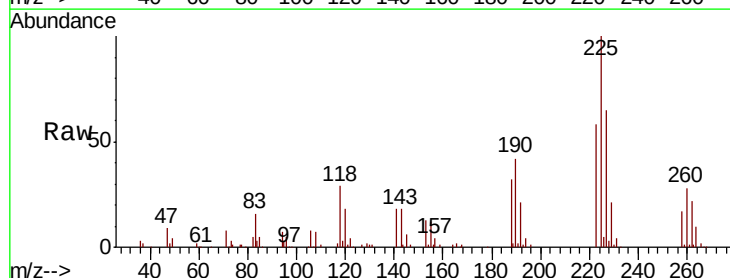
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

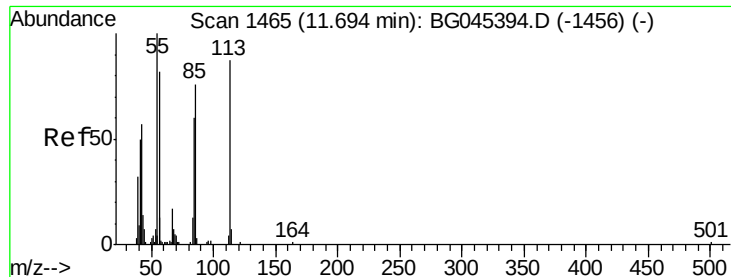
Tot Ion:127	Resp:	148818
Ion	Ratio	Lower Upper
127	100	
129	31.5	24.7 37.1
65	33.8	26.2 39.2
92	21.6	17.9 26.9



#34
Hexachlorobutadiene
Concen: 42.734 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:225	Resp:	114328
Ion	Ratio	Lower Upper
225	100	
223	58.5	49.1 73.7
227	64.8	52.0 78.0

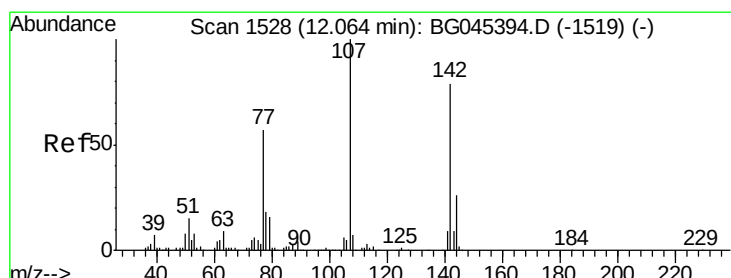
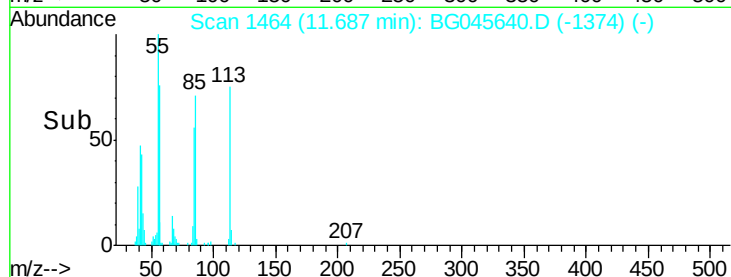
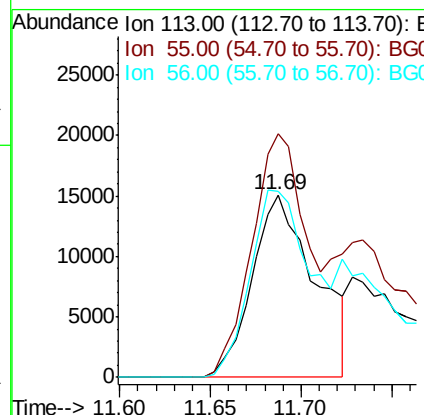
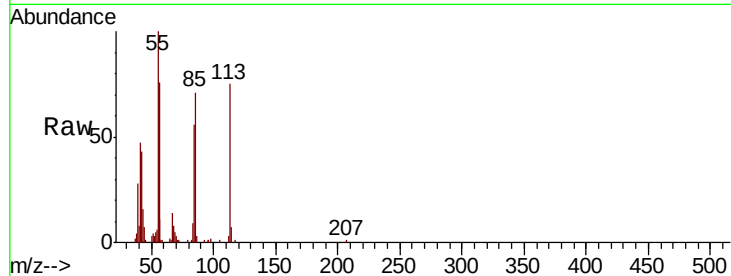




#35
 Caprolactam
 Concen: 31.018 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

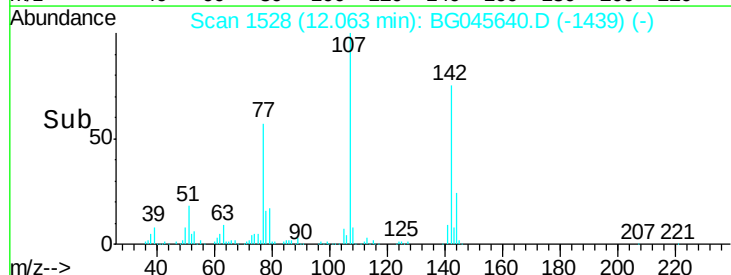
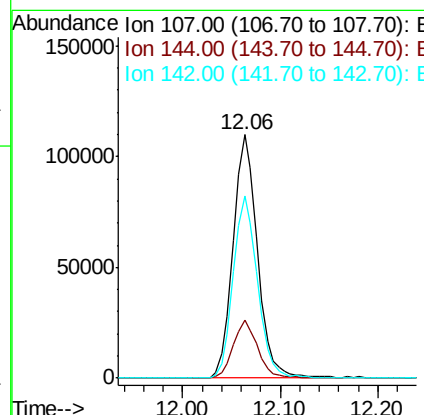
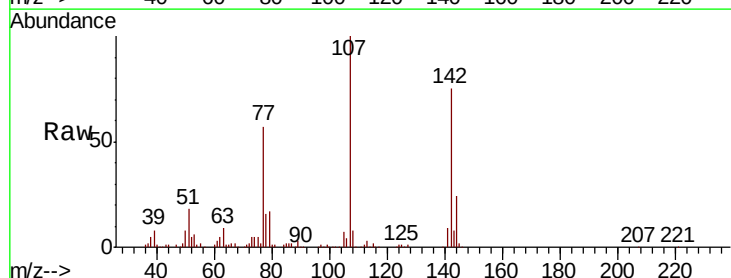
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

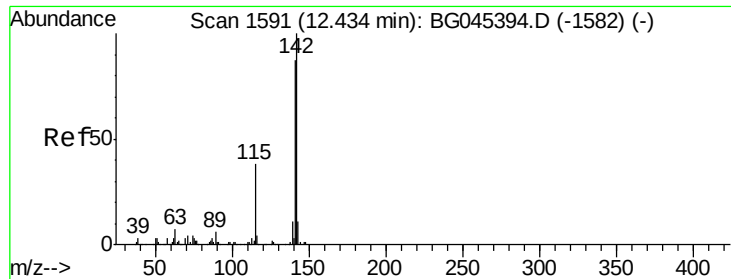
Tot Ion:113 Resp: 36466
 Ion Ratio Lower Upper
 113 100
 55 133.4 96.0 136.0
 56 101.9 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.732 ng
 RT: 12.06 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion:107 Resp: 190320
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.8 31.2
 142 74.6 62.8 94.2

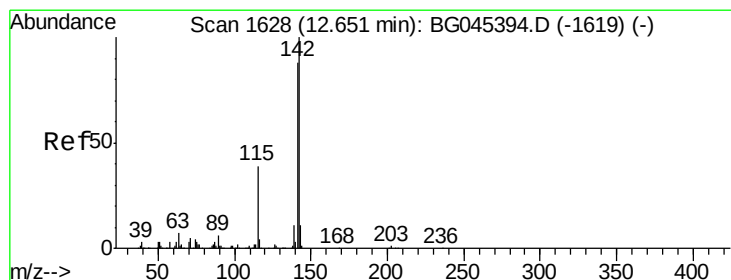
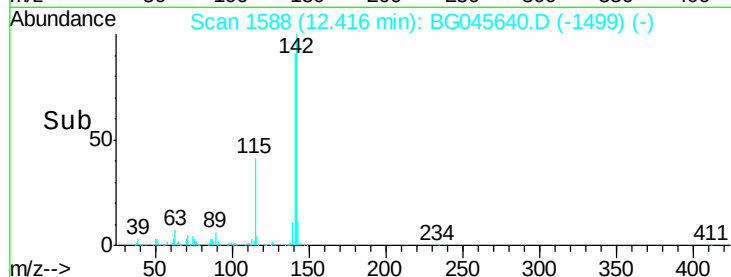
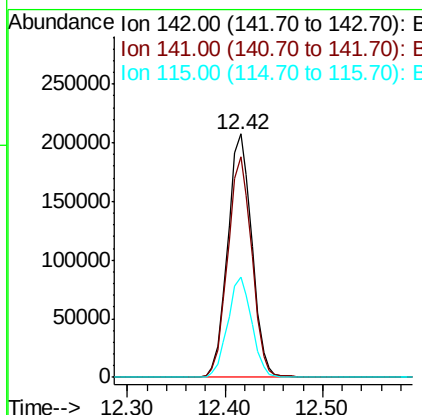
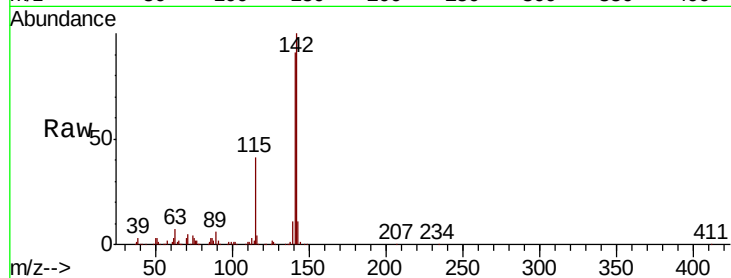




#37
 2-Methylnaphthalene
 Concen: 47.416 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

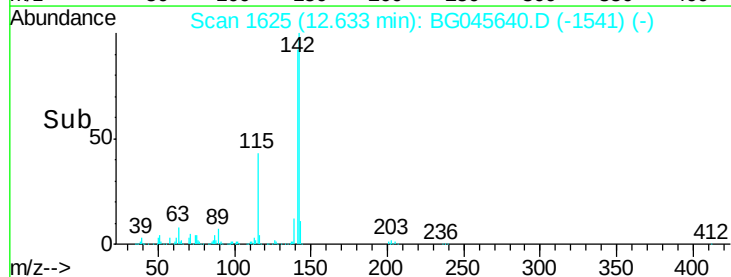
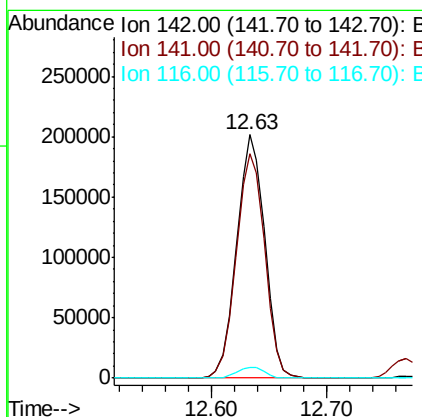
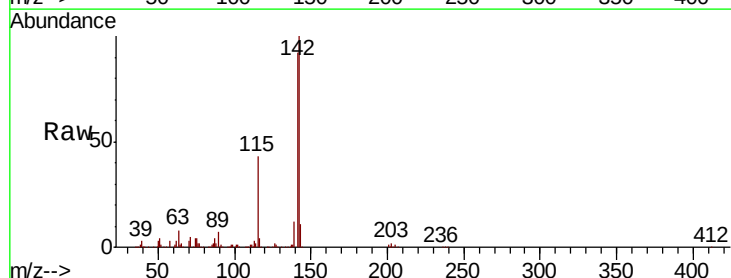
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

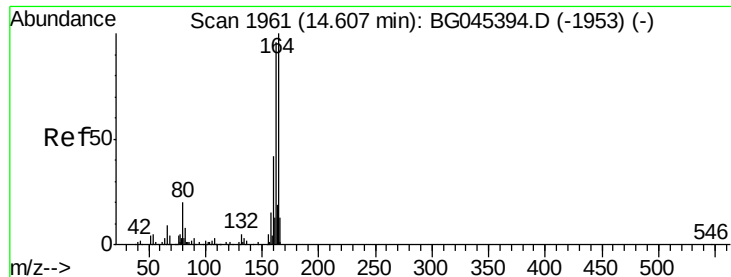
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.0	105.0
115	41.3	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 47.309 ng
 RT: 12.63 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

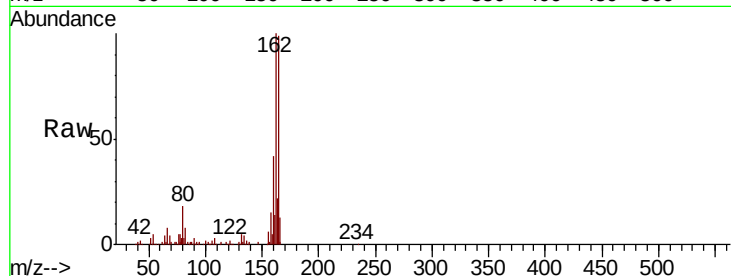
Tot Ion:164 Resp: 167204

Ion Ratio Lower Upper

164 100

162 101.2 76.9 115.3

160 42.3 33.8 50.8

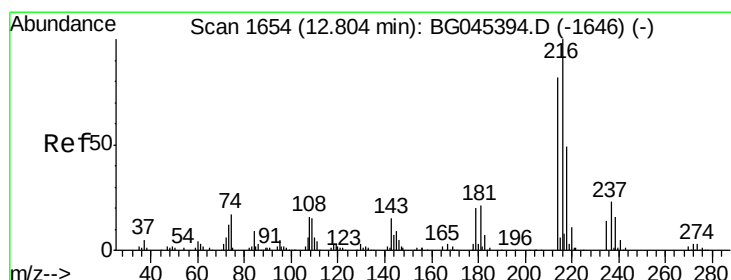
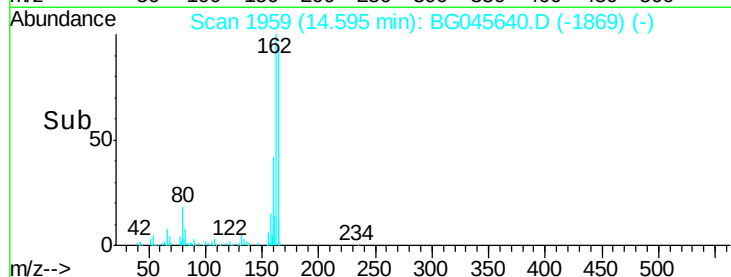
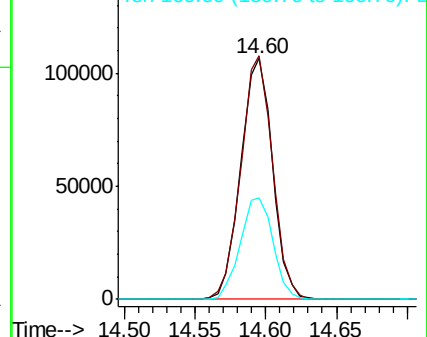


Abundance

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: 43.515 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Tgt Ion:216 Resp: 203228

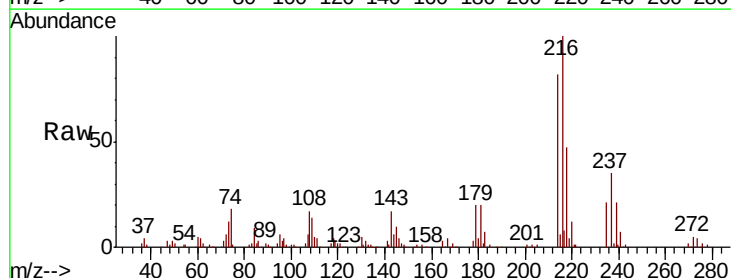
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 19.9 16.1 24.1

108 19.6 13.8 20.6



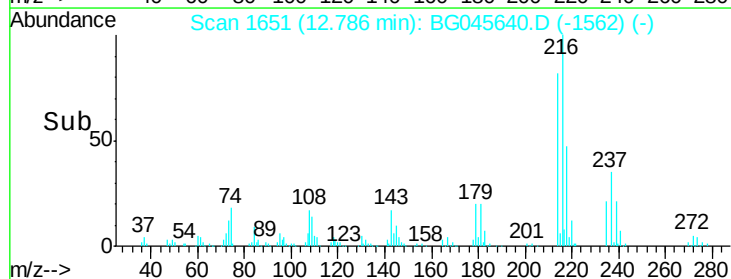
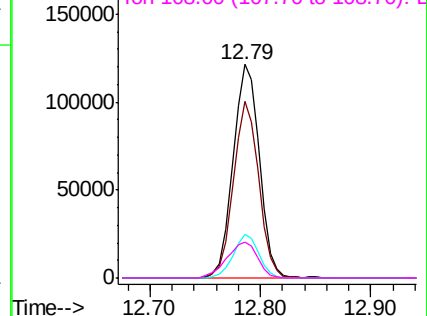
Abundance

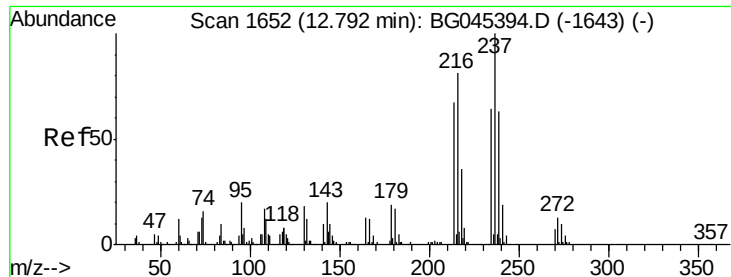
Ion 216.00 (215.70 to 216.70): E

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: 90.717 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

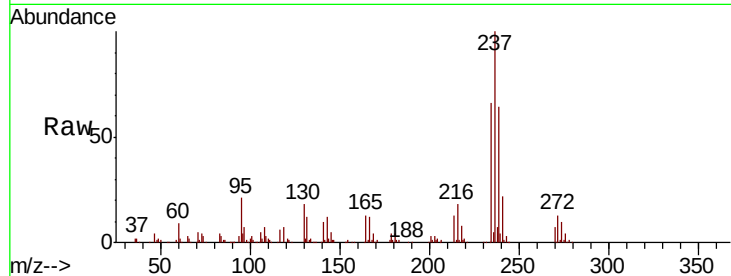
Tot Ion:237 Resp: 244537

Ion Ratio Lower Upper

237 100

235 65.6 44.4 84.4

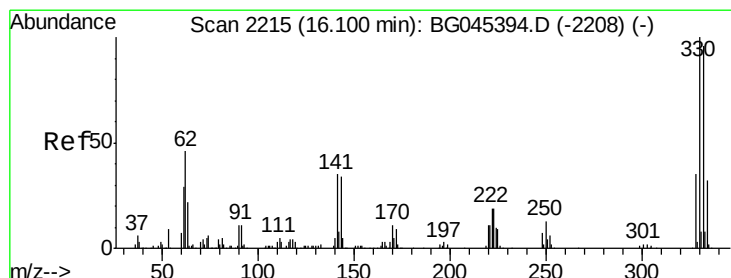
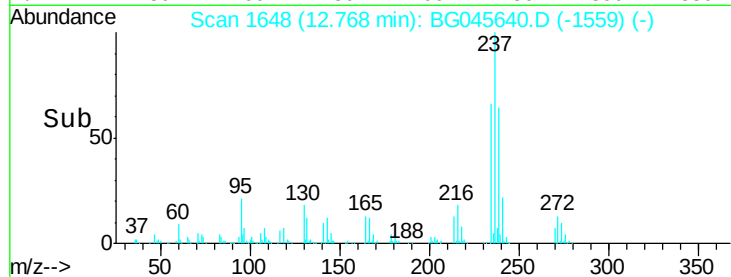
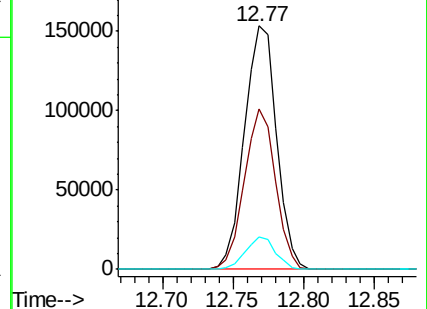
272 13.4 0.0 32.5



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: 145.657 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

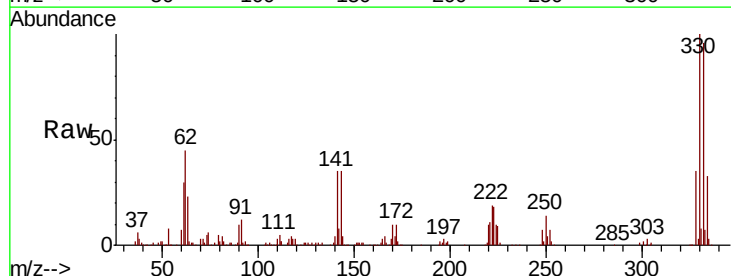
Tgt Ion:330 Resp: 311465

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

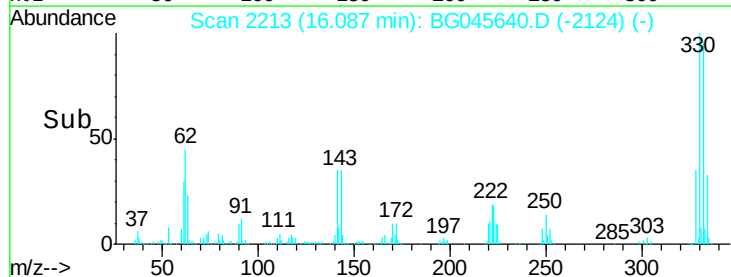
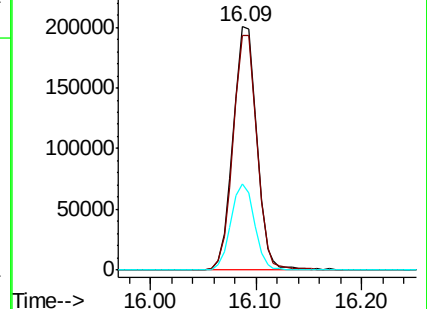
141 35.2 28.2 42.4

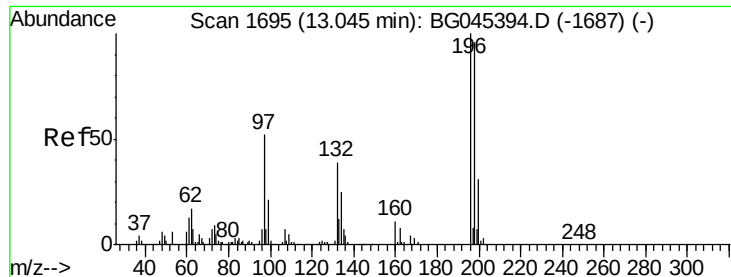


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

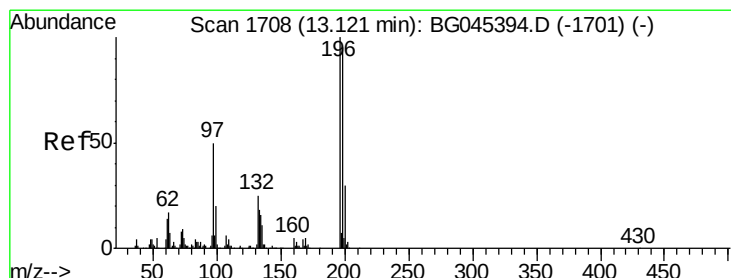
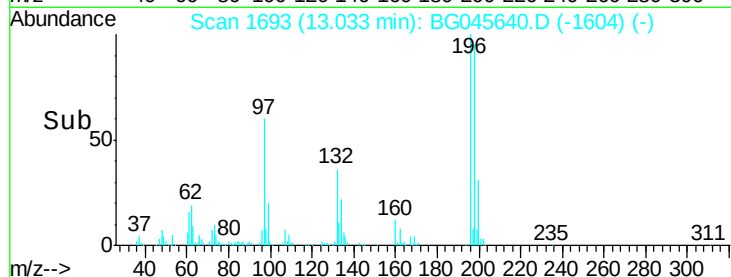
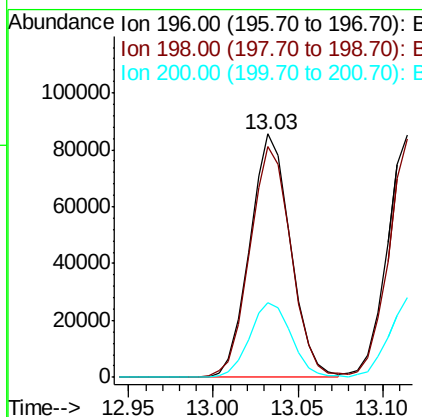
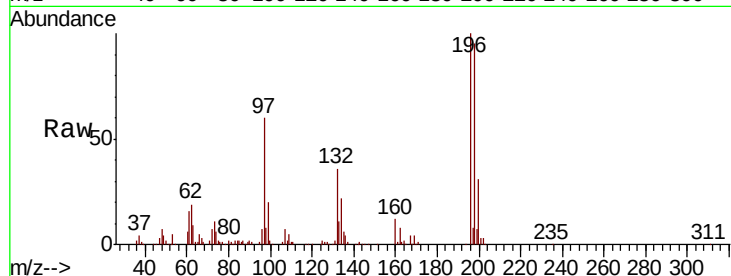




#43
 2,4,6-Trichlorophenol
 Concen: 43.952 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

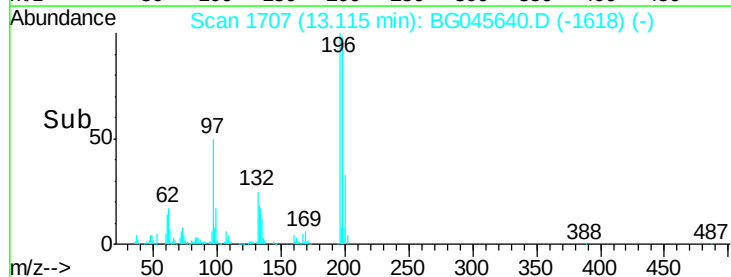
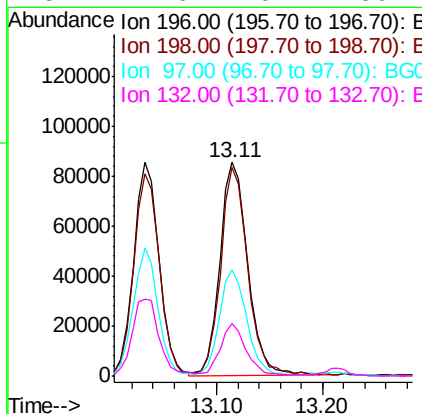
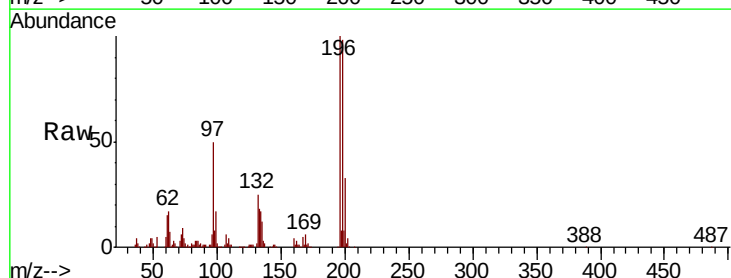
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

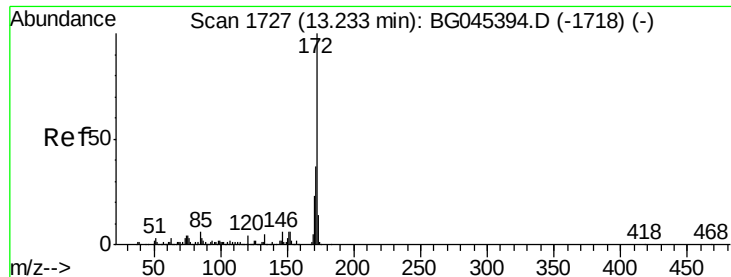
Tot Ion:196 Resp: 142591
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.7 115.1
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.126 ng
 RT: 13.11 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion:196 Resp: 156175
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.1 114.1
 97 49.6 40.0 60.0
 132 24.6 20.2 30.2

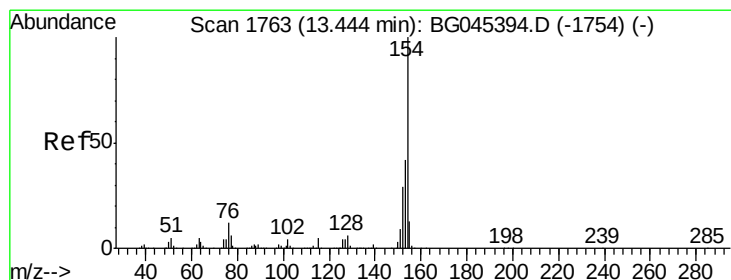
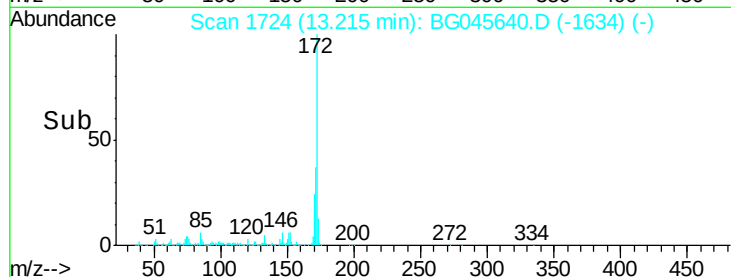
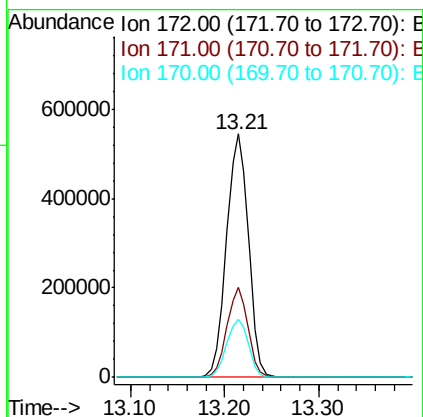
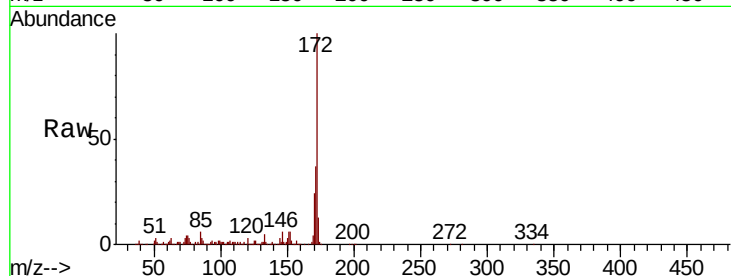




#45
2-Fluorobiphenyl
Concen: 89.268 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

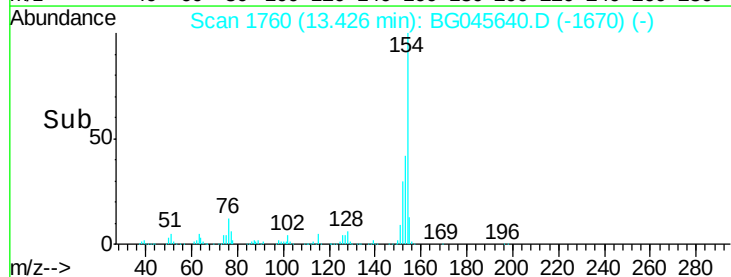
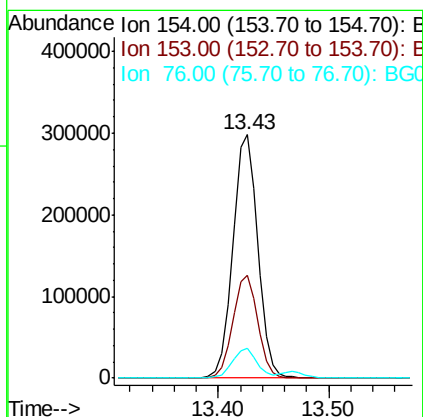
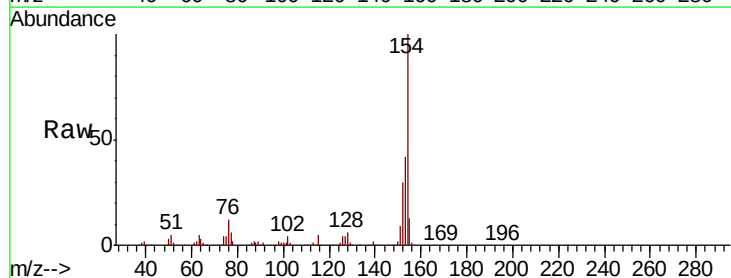
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

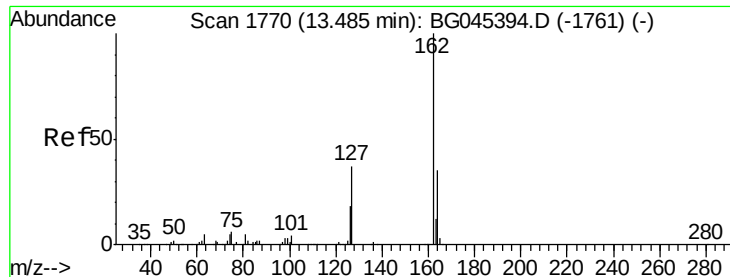
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	23.8	18.5	27.7



#46
1,1'-Biphenyl
Concen: 45.921 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.2	62.2
76	12.2	0.0	32.4

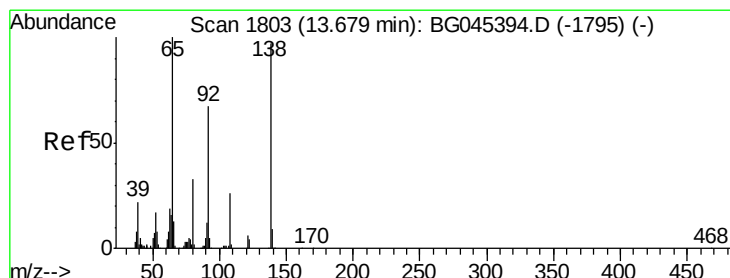
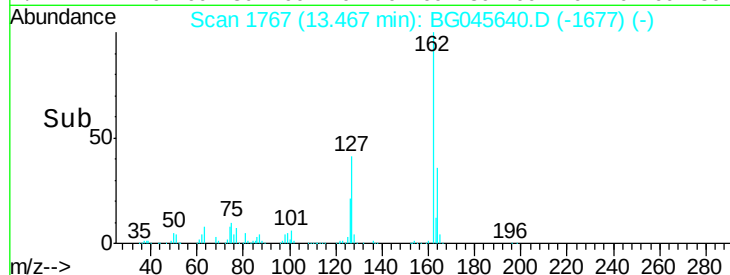
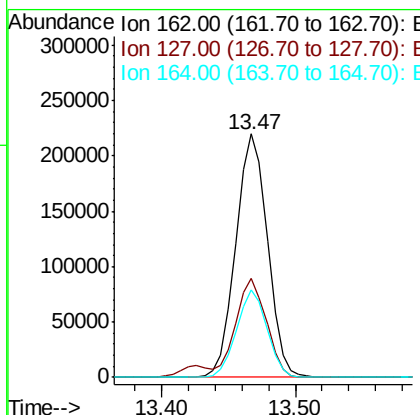
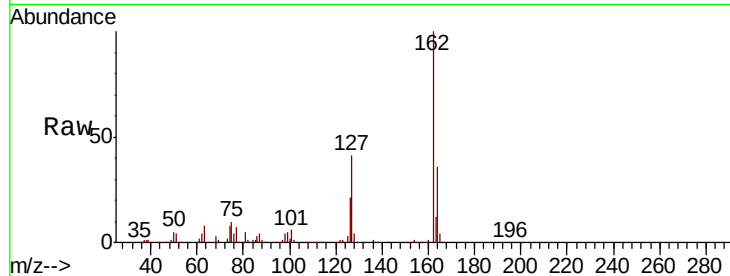




#47
2-Chloronaphthalene
Concen: 43.275 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

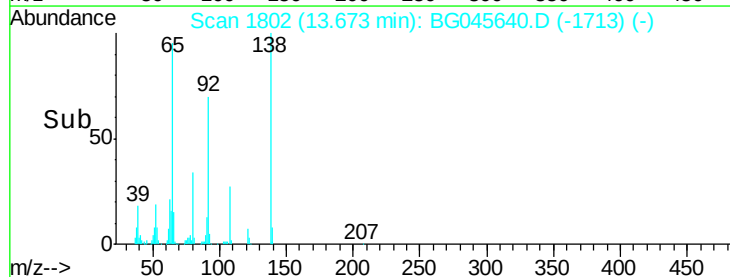
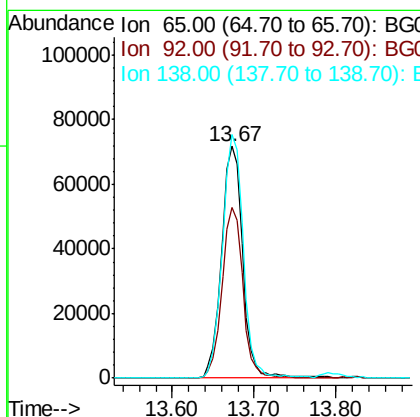
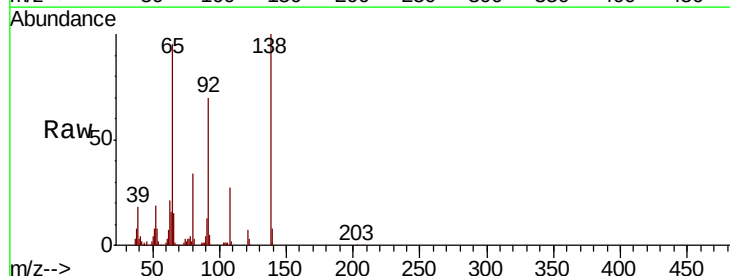
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

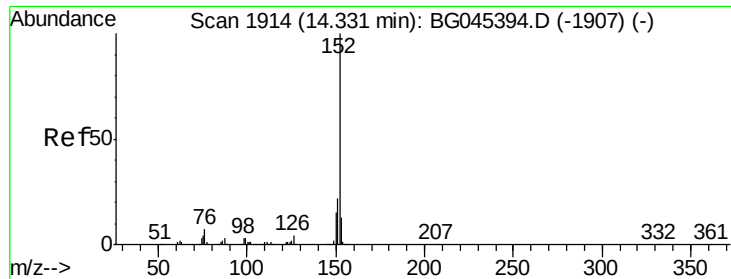
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.6	47.4
164	35.7	28.1	42.1



#48
2-Nitroaniline
Concen: 47.326 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.8	80.8
138	105.0	77.9	116.9





#49

Acenaphthylene

Concen: 46.354 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

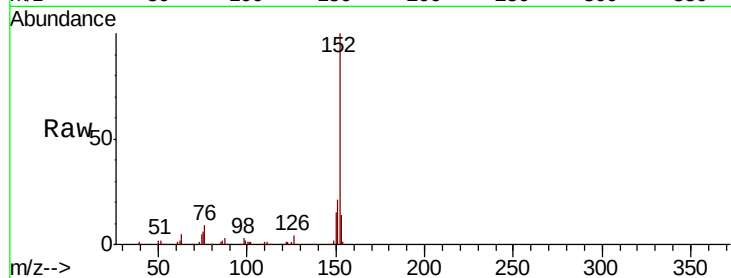
Tot Ion:152 Resp: 621173

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

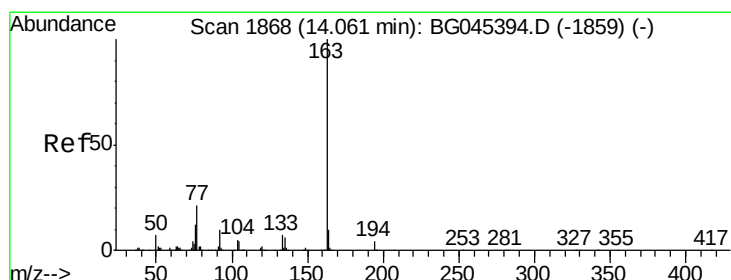
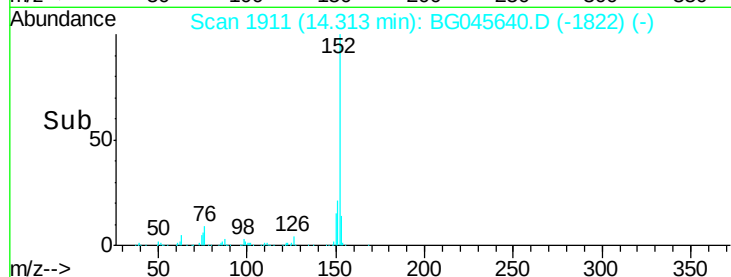
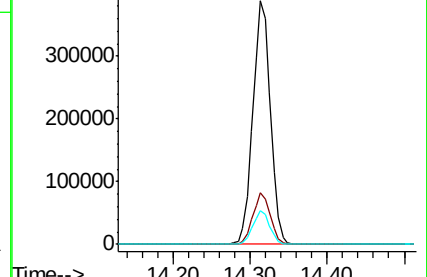
153 13.6 10.7 16.1



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: 46.201 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

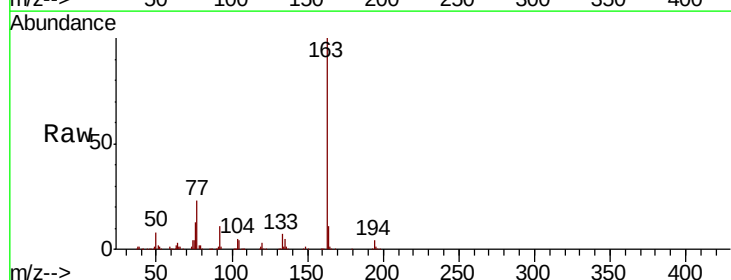
Tgt Ion:163 Resp: 529928

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

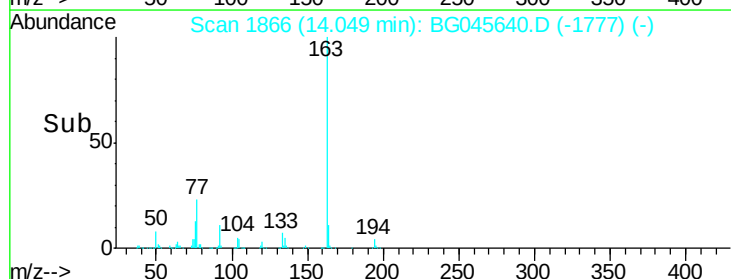
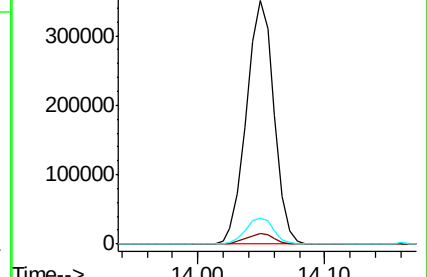
164 10.6 8.3 12.5

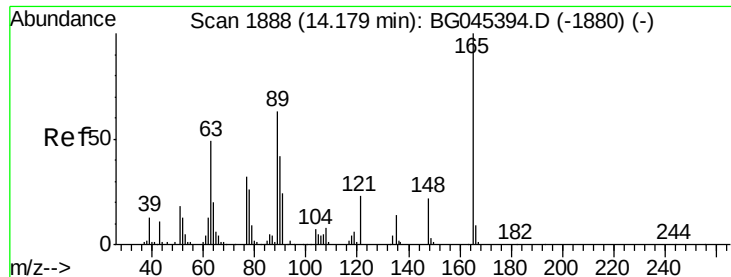


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

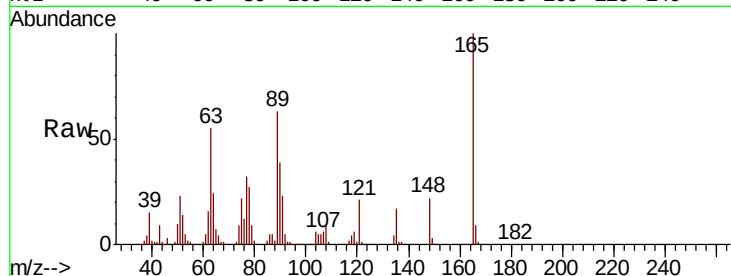




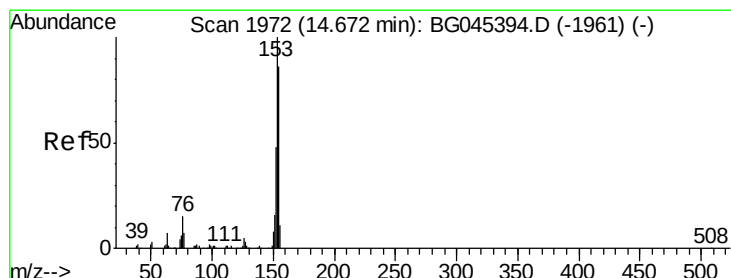
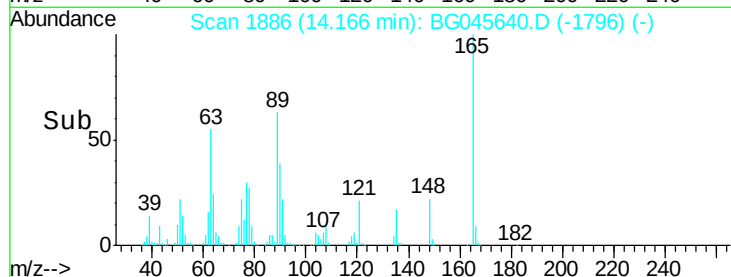
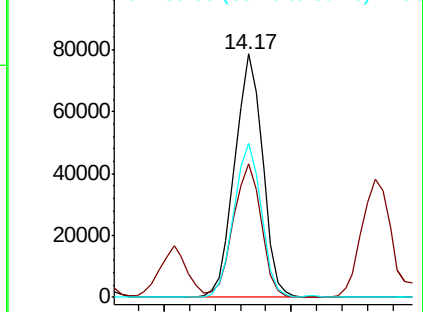
#51
2,6-Dinitrotoluene
Concen: 46.335 ng
RT: 14.17 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:165 Resp: 119924
Ion Ratio Lower Upper
165 100
63 54.9 45.0 67.4
89 63.2 50.2 75.4

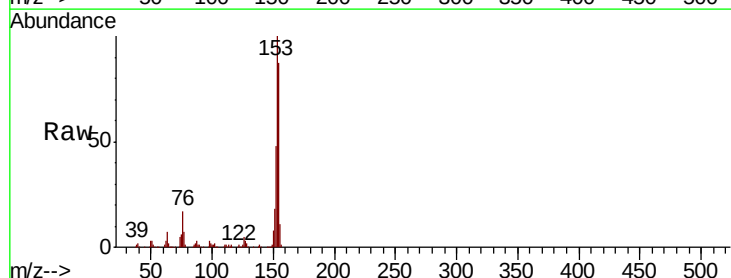


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

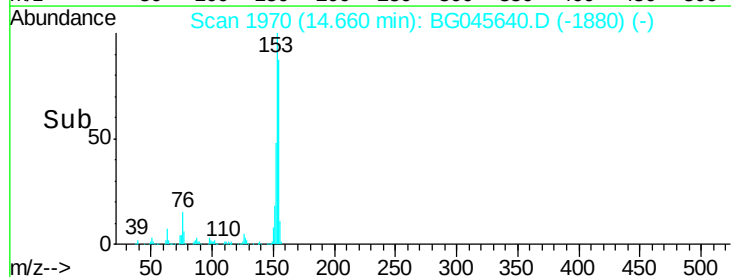
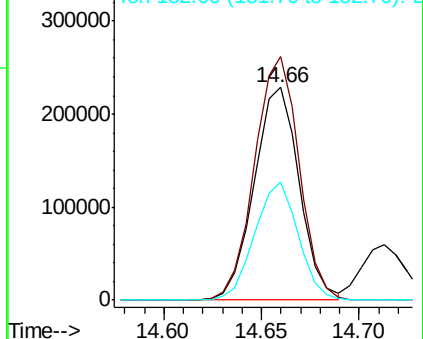


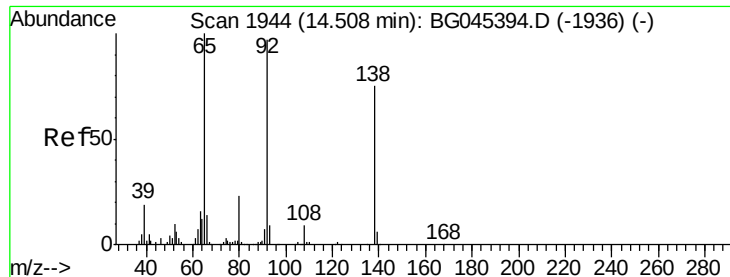
#52
Acenaphthene
Concen: 40.724 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:154 Resp: 365301
Ion Ratio Lower Upper
154 100
153 114.5 92.8 139.2
152 55.4 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

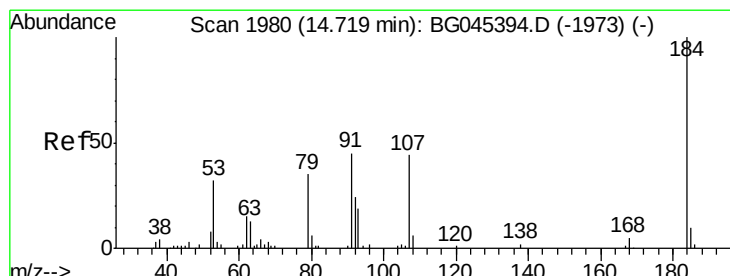
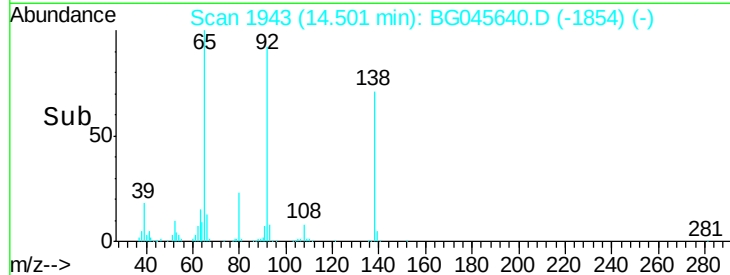
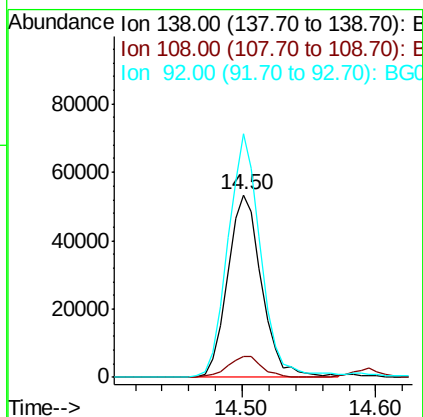
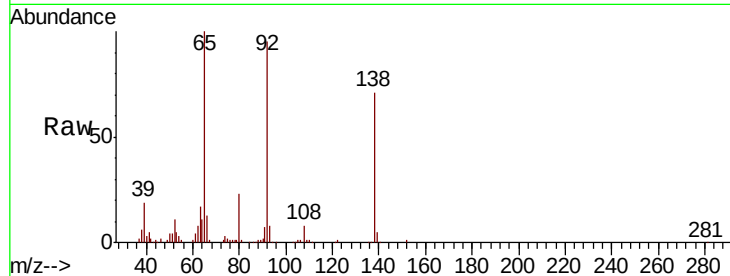




#53
 3-Nitroaniline
 Concen: 35.984 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

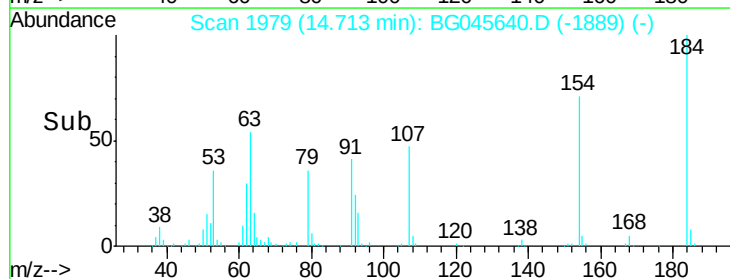
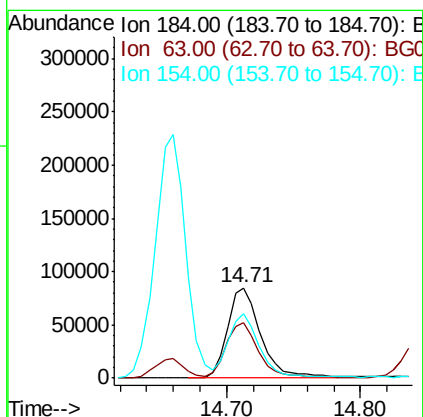
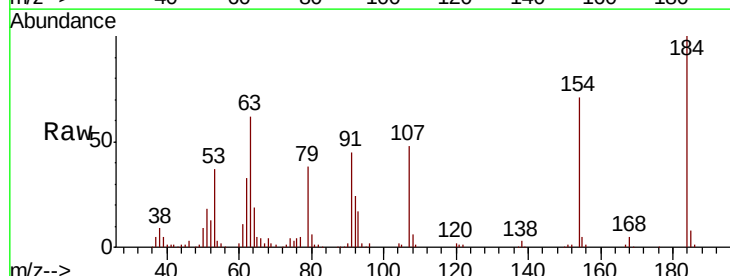
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

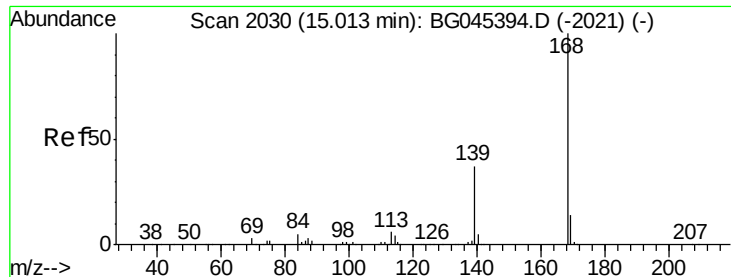
Tot Ion:138 Resp: 94676
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.8 14.6
 92 133.4 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 86.539 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion:184 Resp: 147535
 Ion Ratio Lower Upper
 184 100
 63 62.2 47.8 71.6
 154 71.0 58.3 87.5

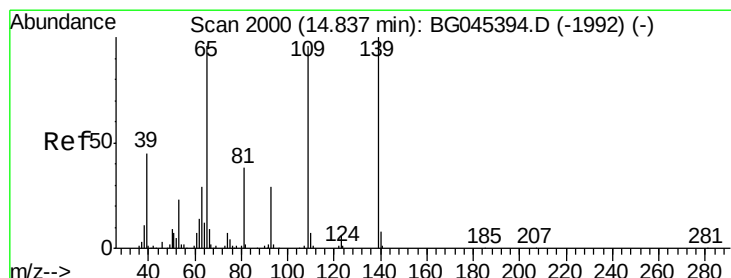
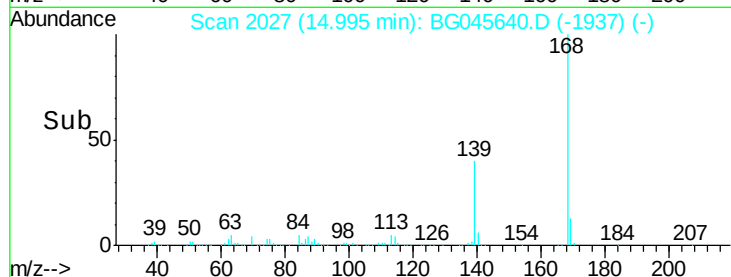
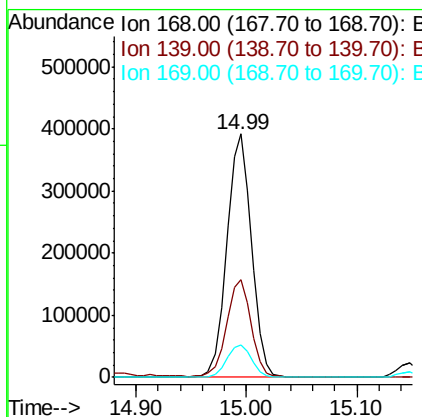
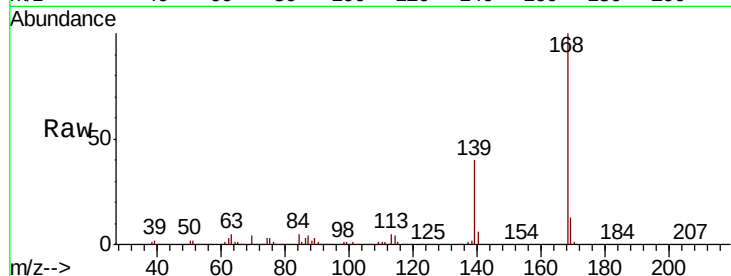




#55
Dibenzofuran
Concen: 45.968 ng
RT: 14.99 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

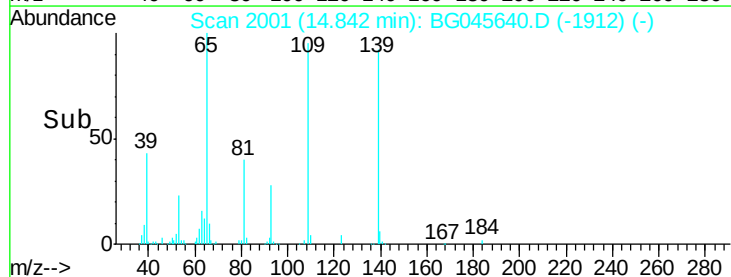
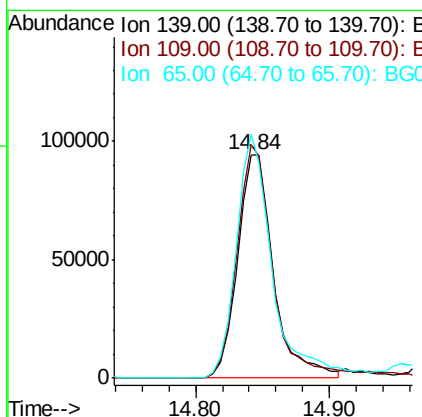
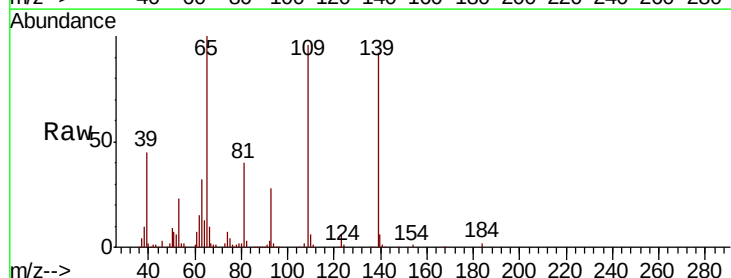
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

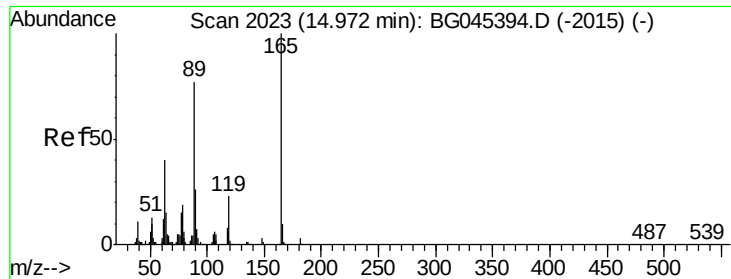
Tot Ion:168 Resp: 612331
Ion Ratio Lower Upper
168 100
139 39.9 29.9 44.9
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 88.037 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:139 Resp: 175367
Ion Ratio Lower Upper
139 100
109 104.4 75.6 115.6
65 108.9 76.8 116.8

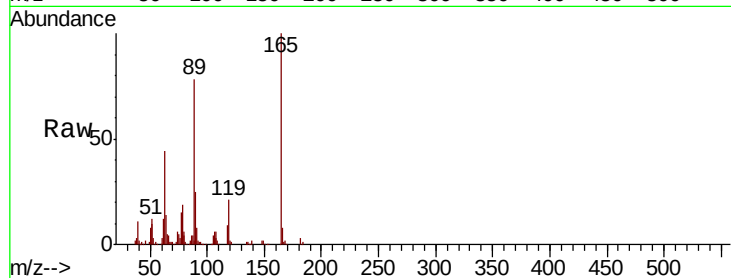




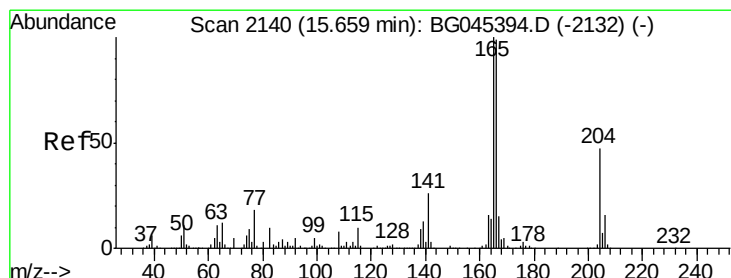
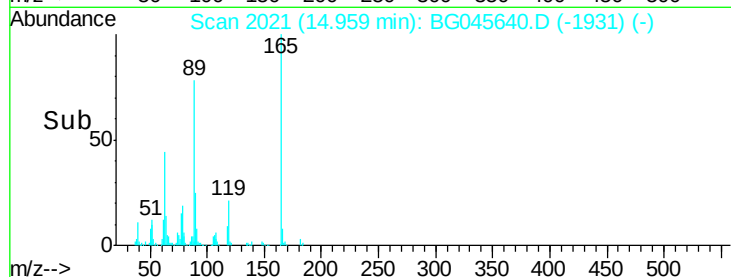
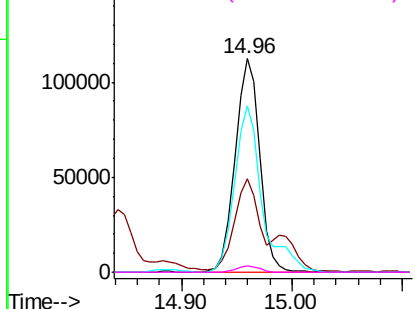
#57
2,4-Dinitrotoluene
Concen: 47.024 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:165 Resp: 176268
Ion Ratio Lower Upper
165 100
63 43.5 32.5 48.7
89 77.7 61.8 92.6
182 2.8 2.3 3.5

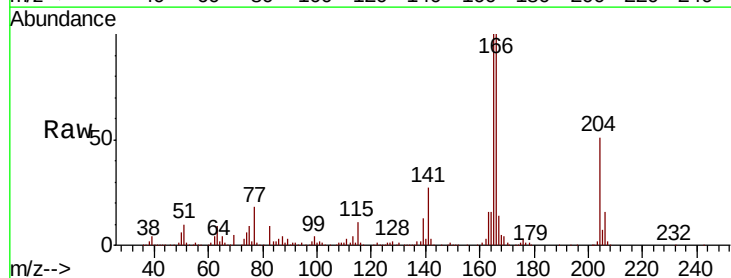


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

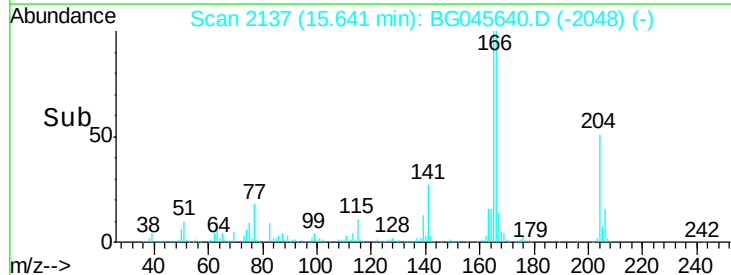
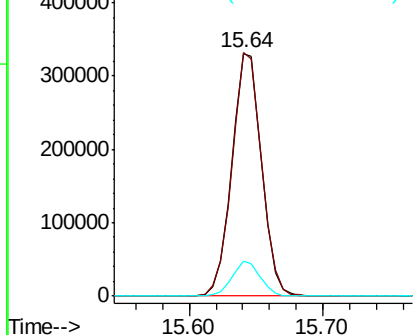


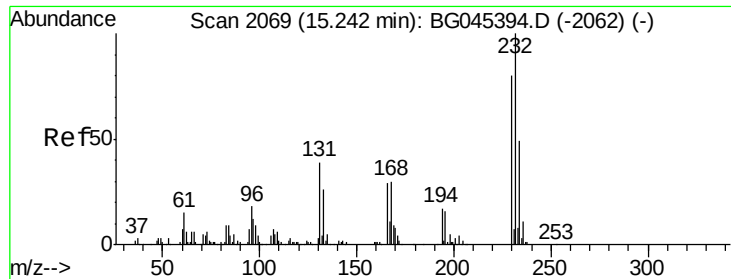
#58
Fluorene
Concen: 46.866 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:166 Resp: 512892
Ion Ratio Lower Upper
166 100
165 100.2 80.8 121.2
167 14.5 12.0 18.0



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

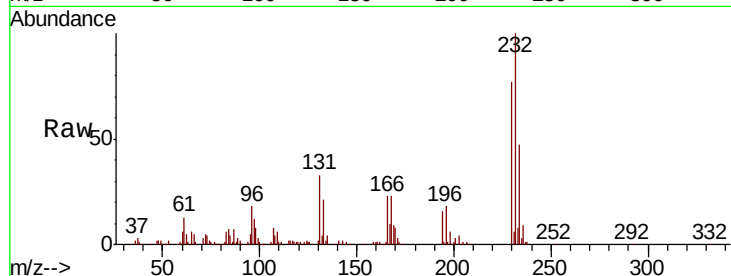




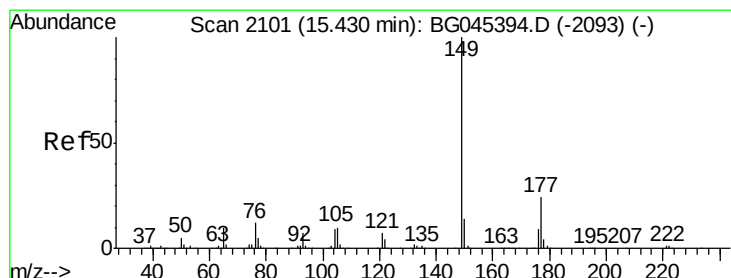
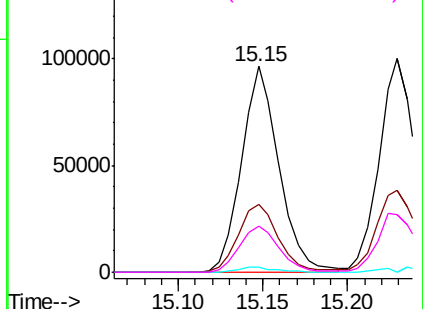
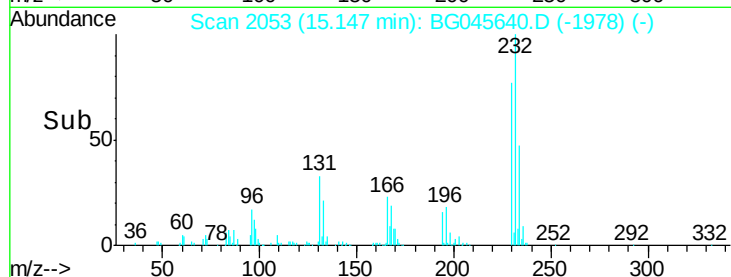
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.429 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.09 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion:232 Resp: 148173
 Ion Ratio Lower Upper
 232 100
 131 35.4 33.7 50.5
 130 2.4 2.1 3.1
 166 24.0 23.2 34.8

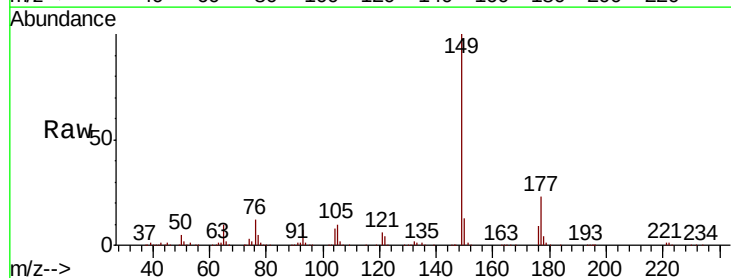


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

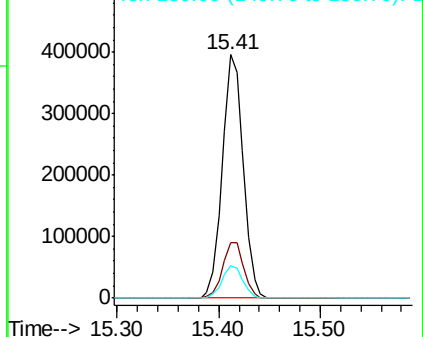
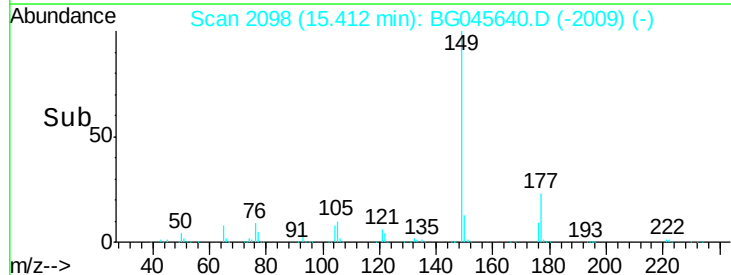


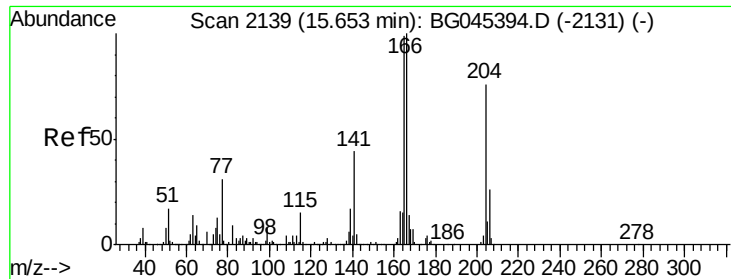
#60
 Diethylphthalate
 Concen: 47.244 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion:149 Resp: 564016
 Ion Ratio Lower Upper
 149 100
 177 22.9 19.0 28.4
 150 13.1 11.4 17.0



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

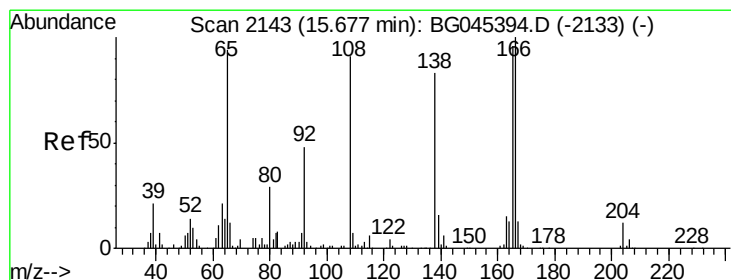
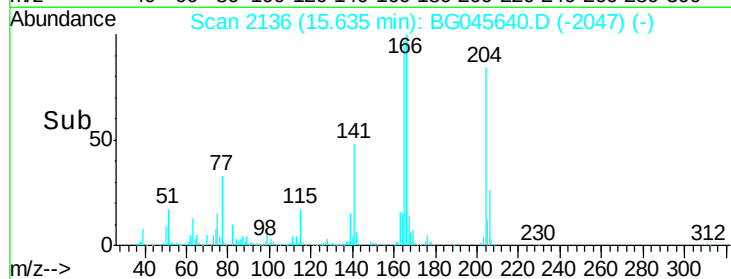
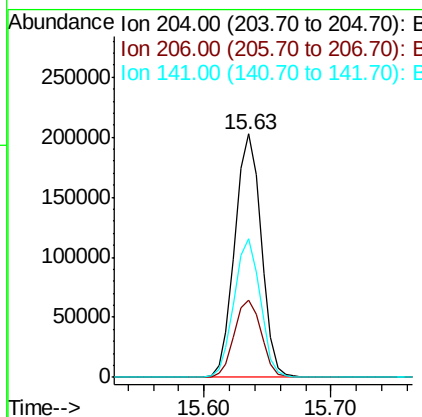
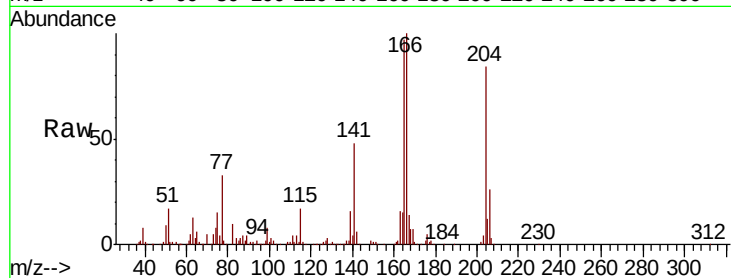




#61
4-Chlorophenyl-phenylether
Concen: 46.583 ng
RT: 15.63 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

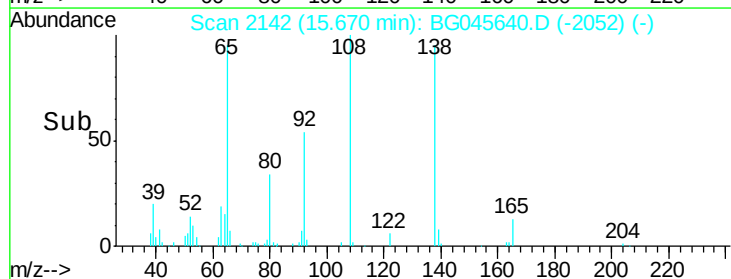
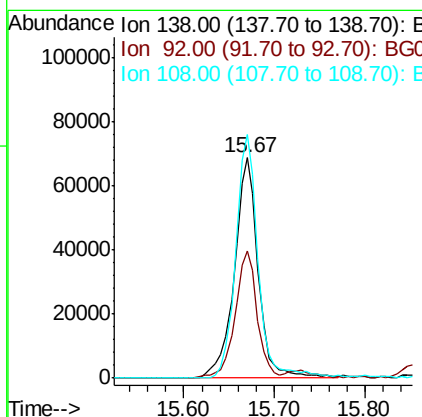
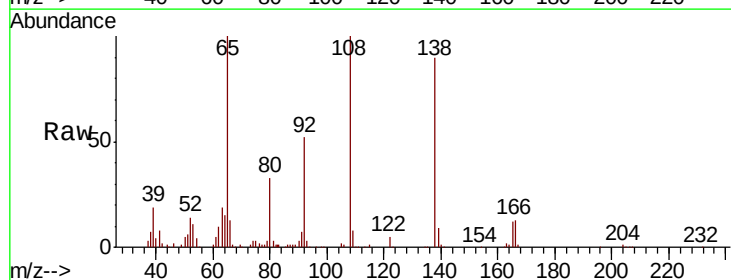
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

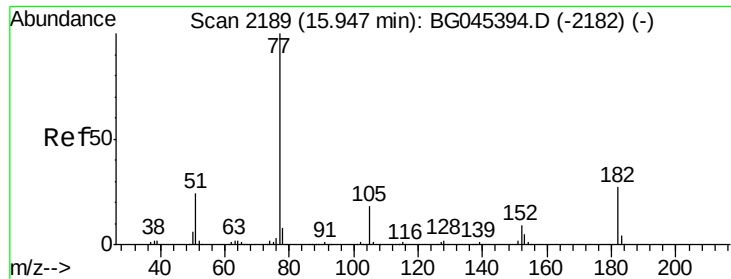
Tot Ion:204 Resp: 291721
Ion Ratio Lower Upper
204 100
206 31.6 27.3 40.9
141 56.9 45.9 68.9



#62
4-Nitroaniline
Concen: 46.005 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:138 Resp: 126362
Ion Ratio Lower Upper
138 100
92 57.6 38.0 78.0
108 110.6 89.3 129.3





#63

Azobenzene

Concen: 48.674 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

Tot Ion: 77 Resp: 541832

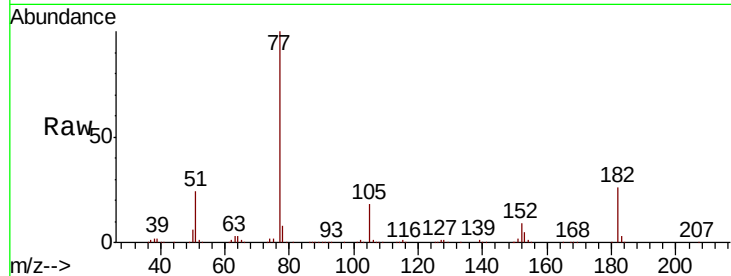
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 18.5 0.0 37.9

51 24.0 4.1 44.1

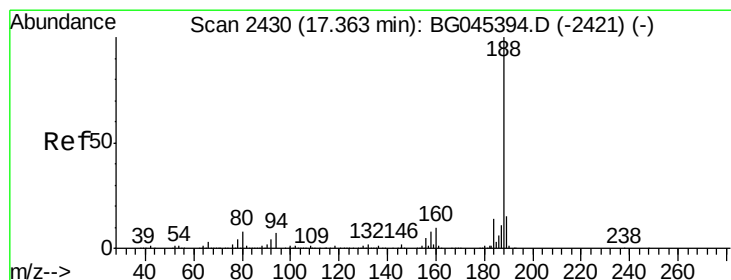
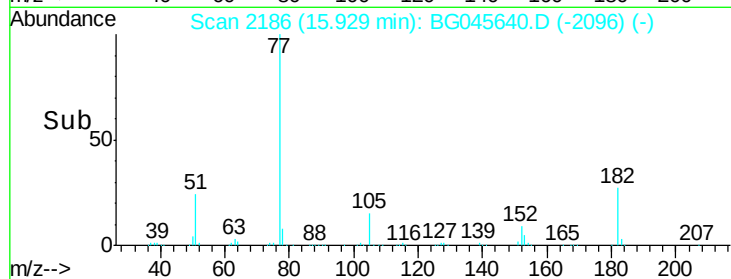
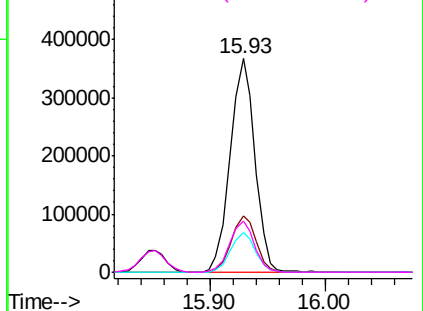


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

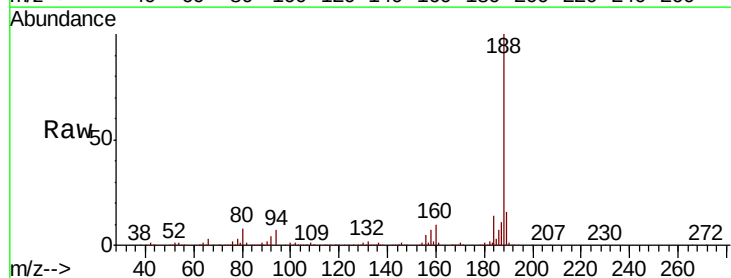
Tgt Ion: 188 Resp: 435111

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

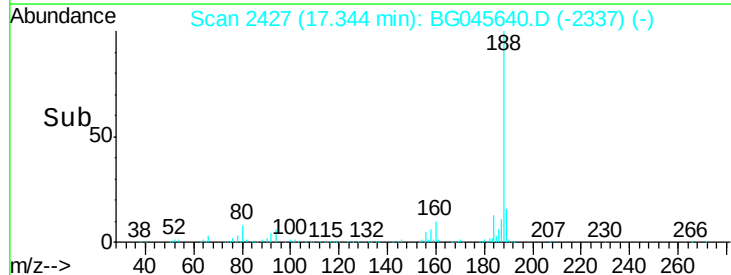
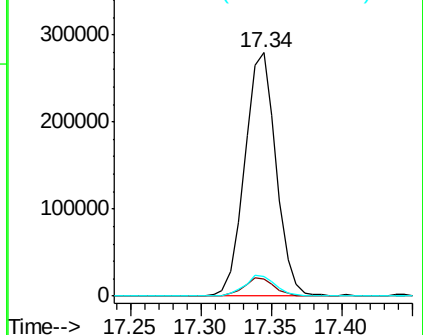
80 8.0 6.6 10.0

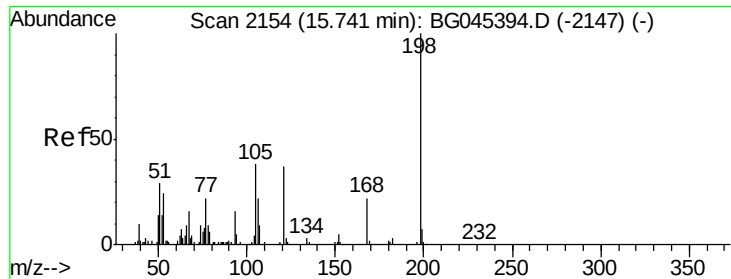


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

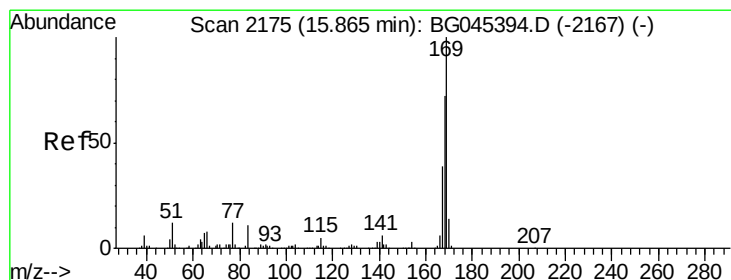
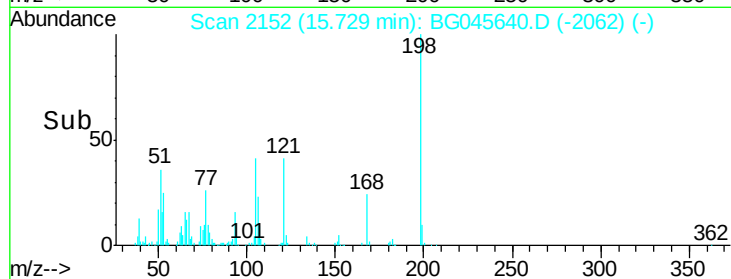
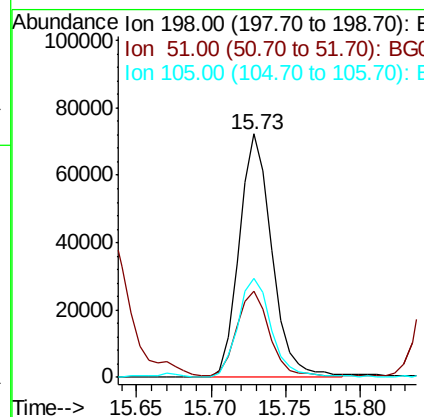
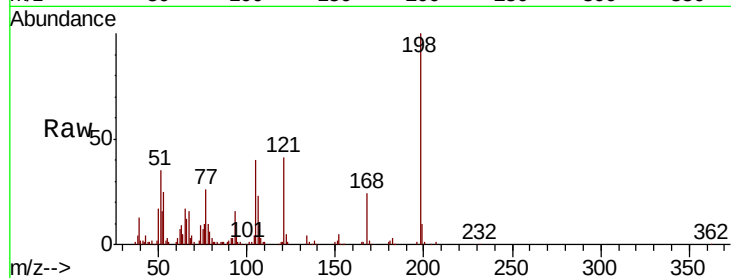




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.510 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

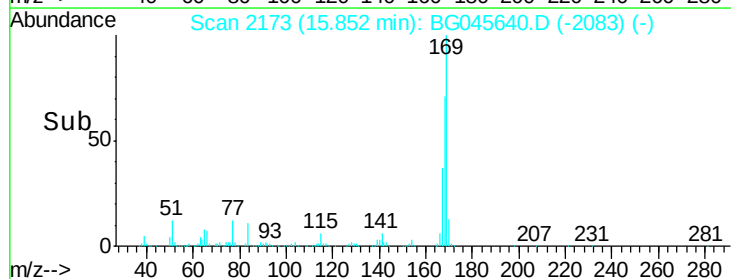
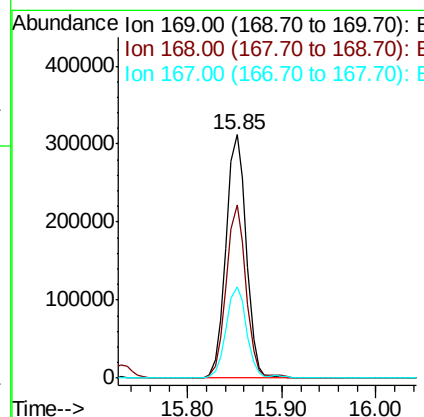
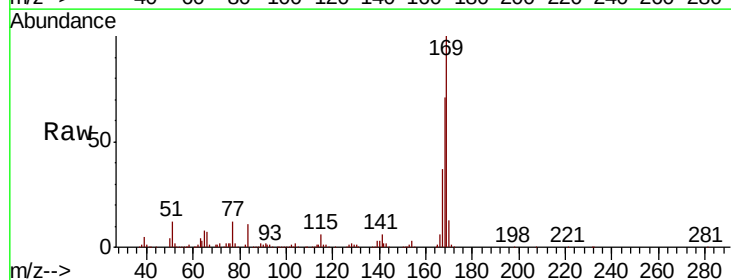
Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

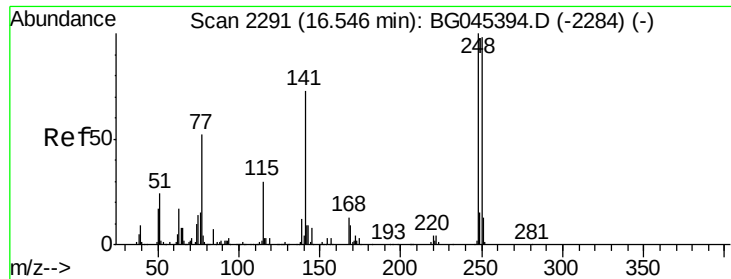
Tot Ion	198	Resp	110258
Ion Ratio	Lower	Upper	
198	100		
51	35.5	10.0	50.0
105	40.4	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 45.086 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion	169	Resp	471016
Ion Ratio	Lower	Upper	
169	100		
168	71.1	57.8	86.6
167	37.3	31.5	47.3

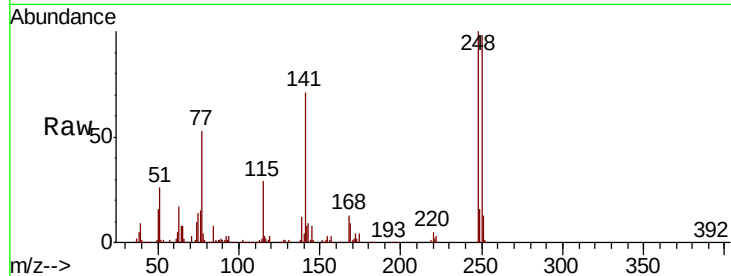




#67
 4-Bromophenyl-phenylether
 Concen: 42.633 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.6	117.8
141	71.4	58.2	87.2

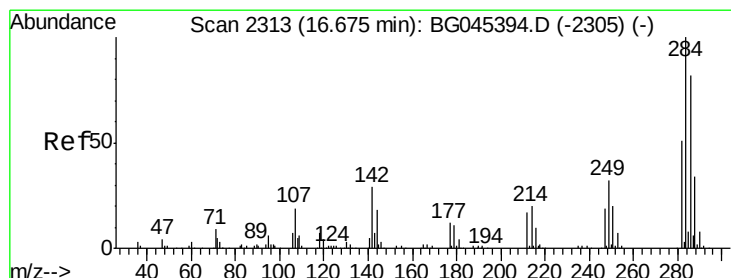
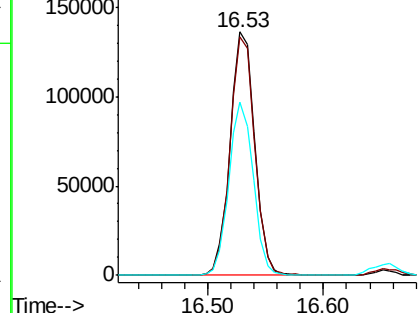
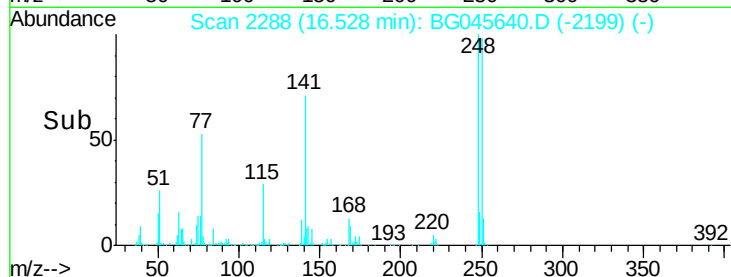


Abundance

Ion 248.00 (247.70 to 248.70): E

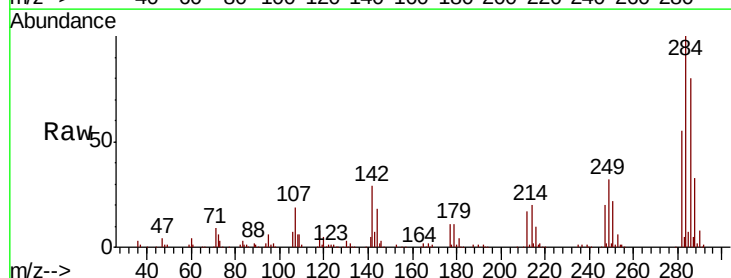
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.896 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	23.0	34.6
249	32.5	25.8	38.6

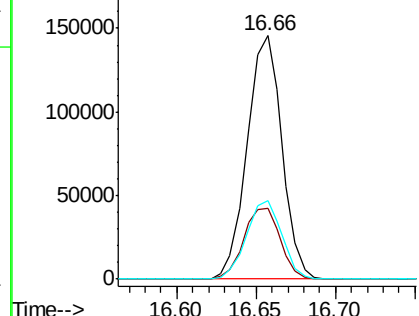
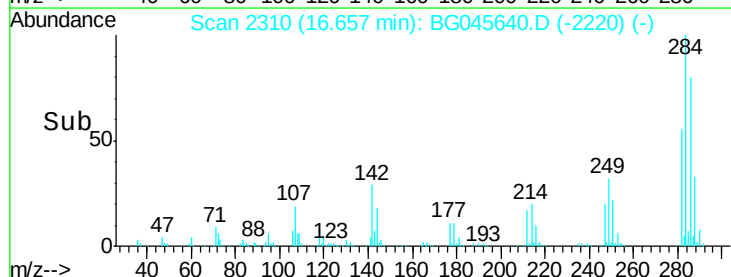


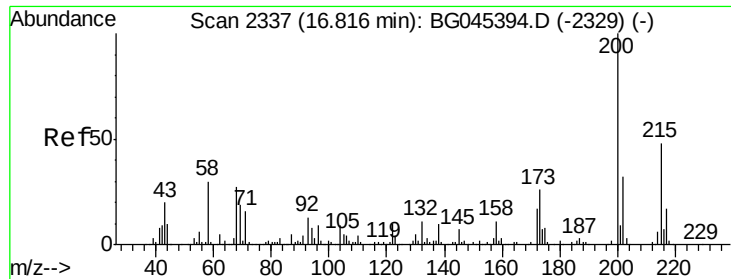
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.697 ng

RT: 16.80 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

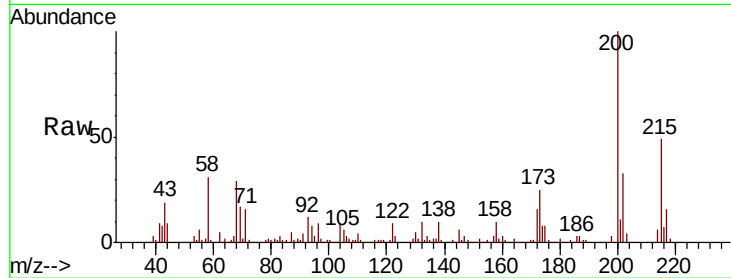
Tot Ion:200 Resp: 183724

Ion Ratio Lower Upper

200 100

173 25.2 5.5 45.5

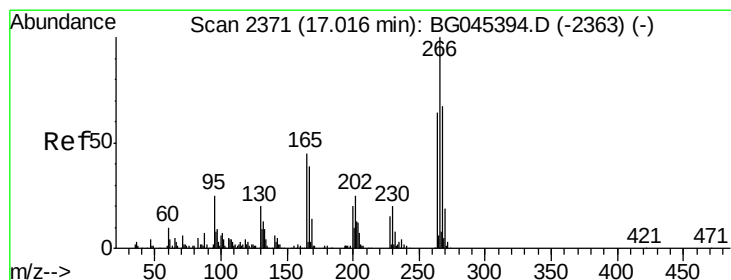
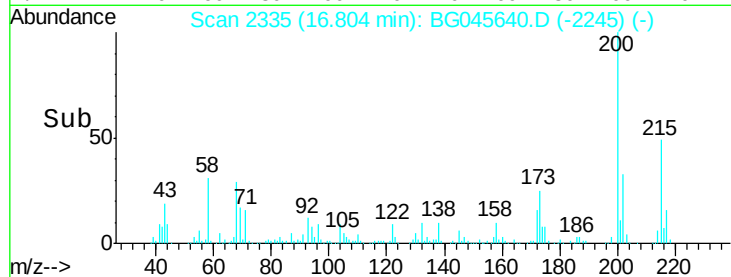
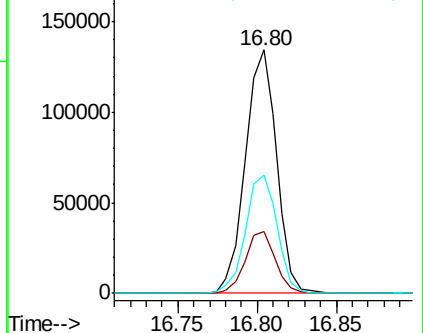
215 48.6 28.2 68.2



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: 89.620 ng

RT: 17.00 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

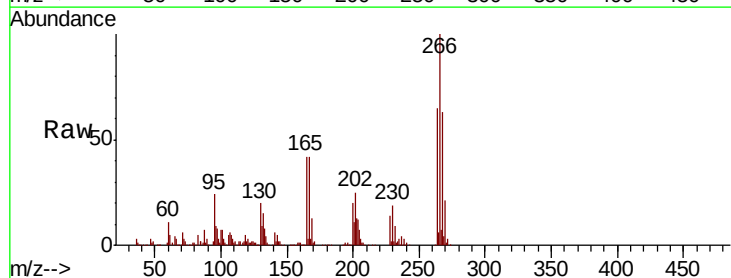
Tgt Ion:266 Resp: 229316

Ion Ratio Lower Upper

266 100

268 63.1 53.2 79.8

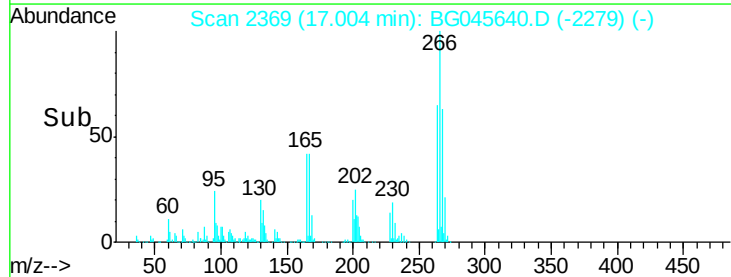
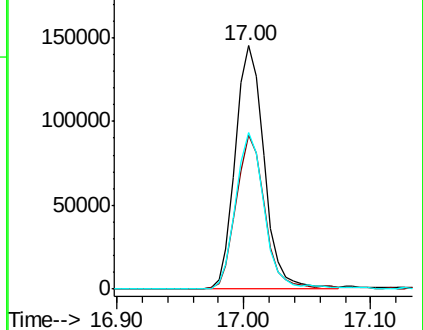
264 64.5 51.0 76.4

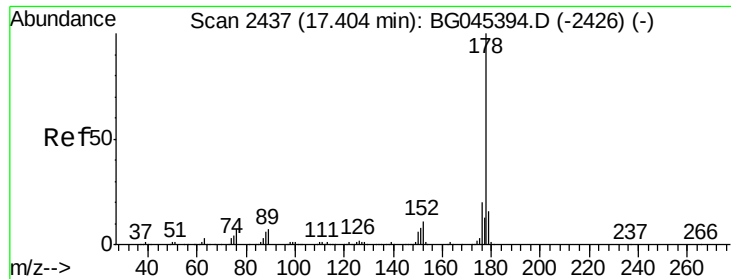


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

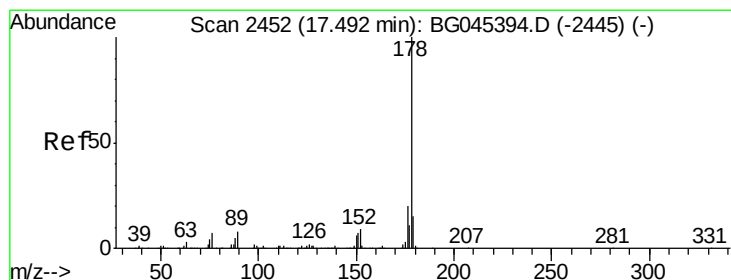
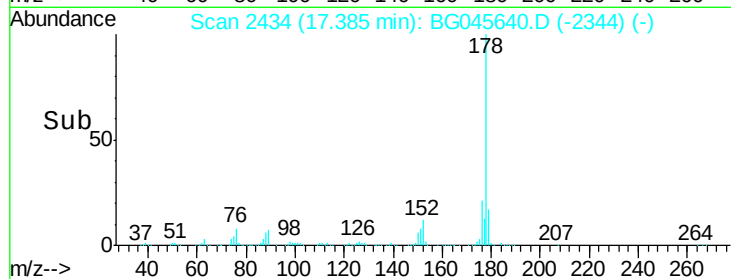
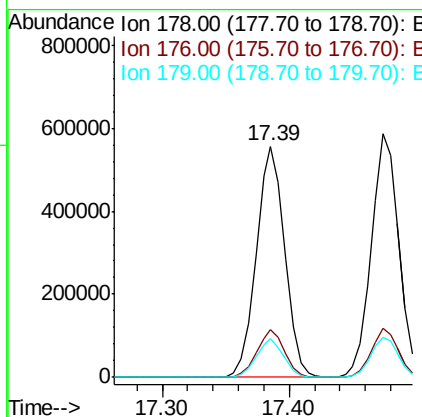
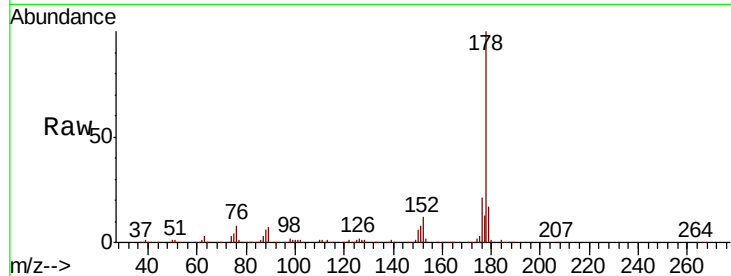




#71
Phenanthrene
Concen: 45.509 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

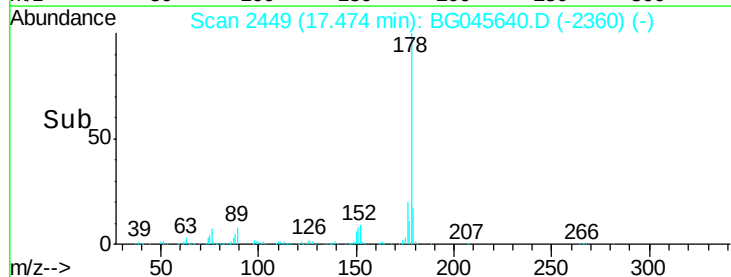
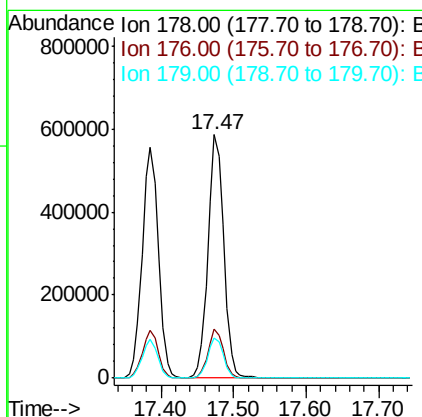
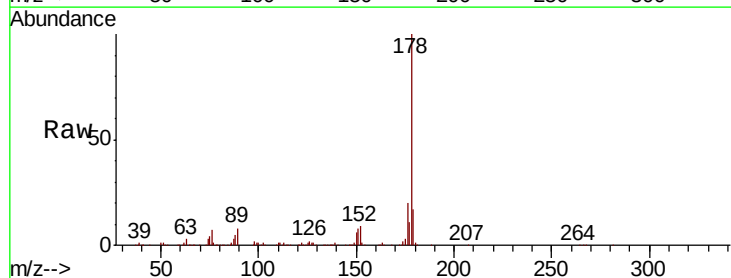
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

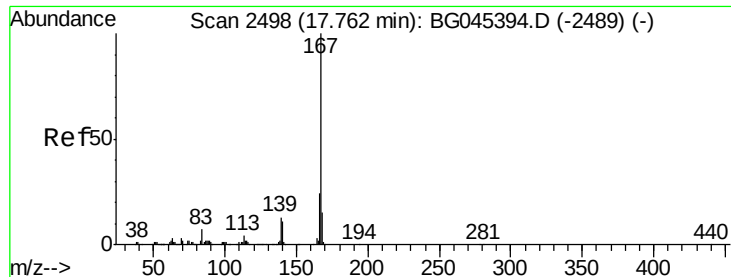
Tot Ion:178 Resp: 864448
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.7 13.1 19.7



#72
Anthracene
Concen: 46.627 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:178 Resp: 889424
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.6 12.2 18.4





#73

Carbazole

Concen: 44.255 ng

RT: 17.75 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

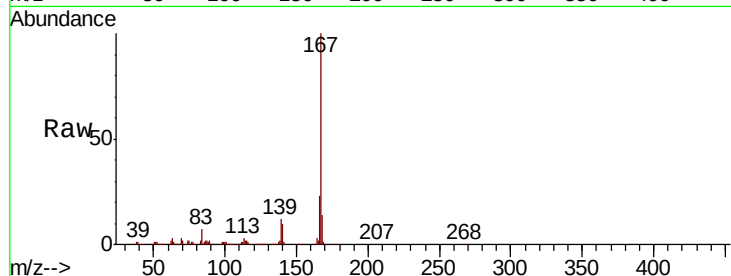
Tot Ion:167 Resp: 822868

Ion Ratio Lower Upper

167 100

166 23.0 19.2 28.8

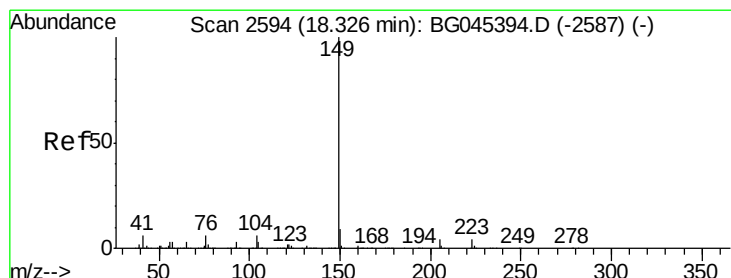
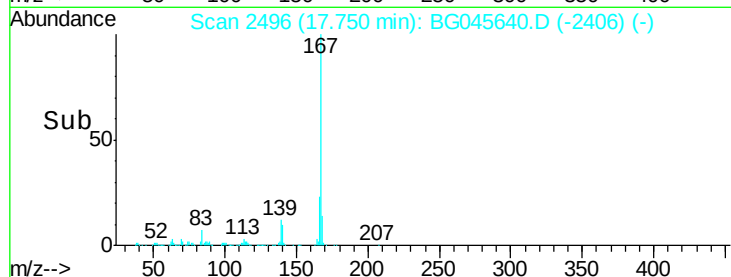
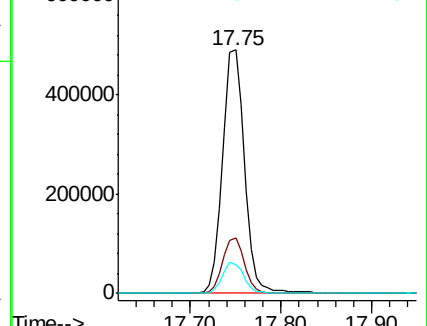
139 12.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.542 ng

RT: 18.31 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

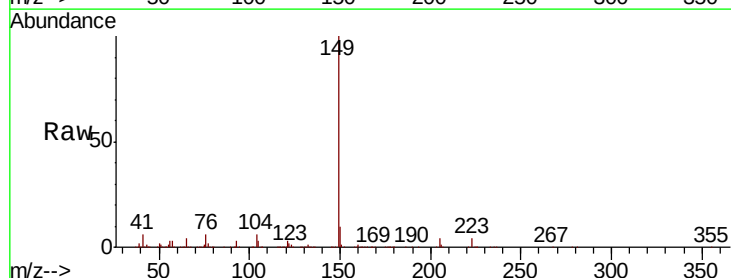
Tgt Ion:149 Resp: 994068

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

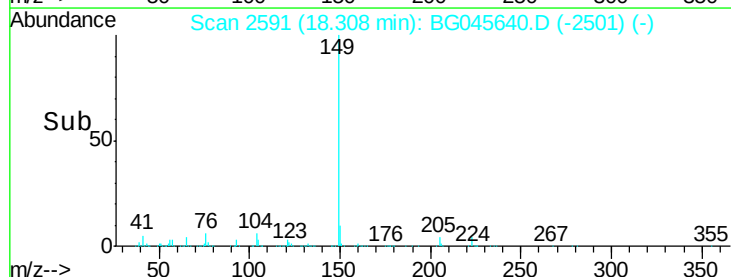
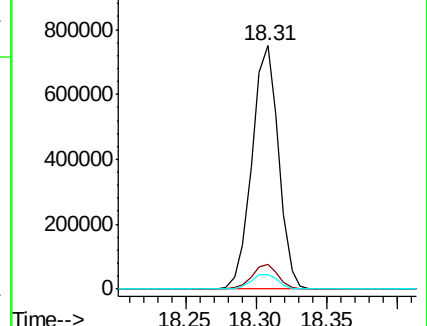
104 6.0 5.0 7.4

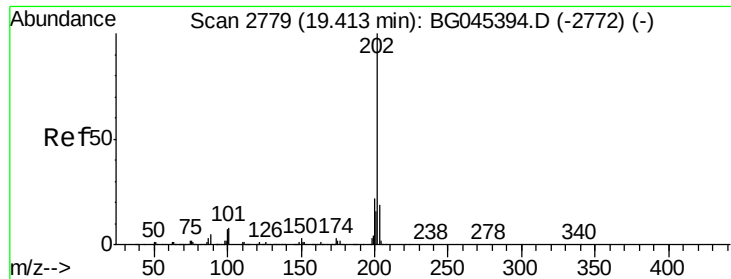


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.107 ng

RT: 19.39 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

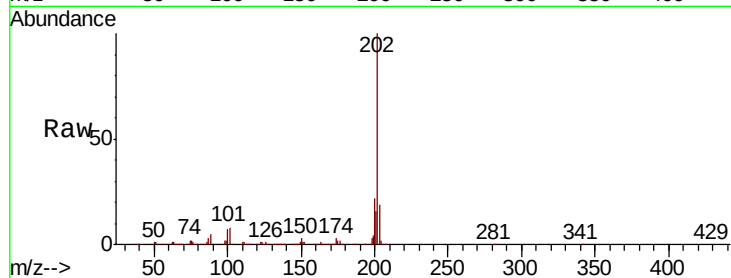
Tot Ion:202 Resp: 1089817

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	19.0	0.0	39.0

202 100

101 8.5 0.0 28.3

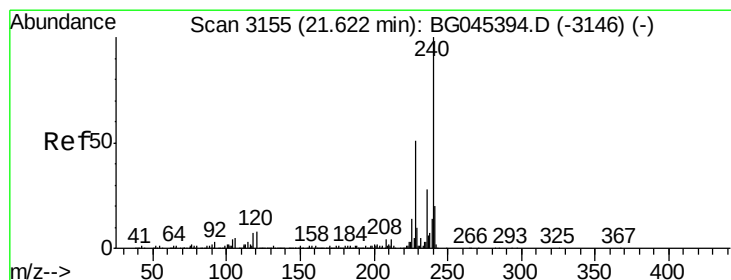
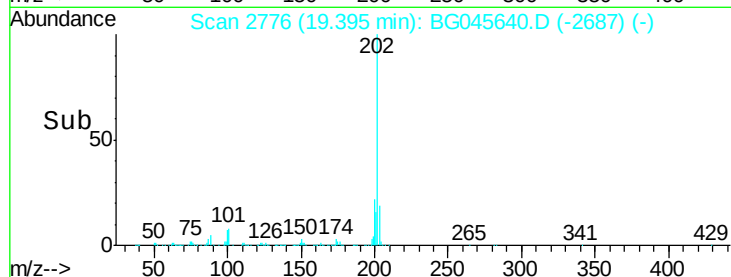
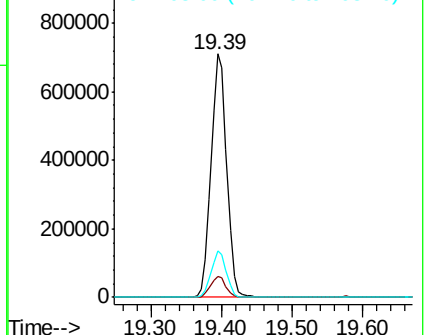
203 19.0 0.0 39.0



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: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

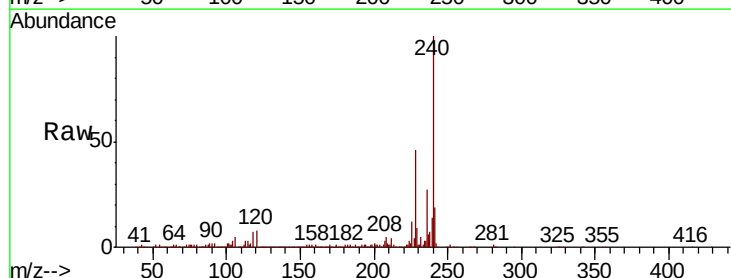
Tgt Ion:240 Resp: 405547

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.1	9.1
236	27.0	22.3	33.5

240 100

120 7.7 6.1 9.1

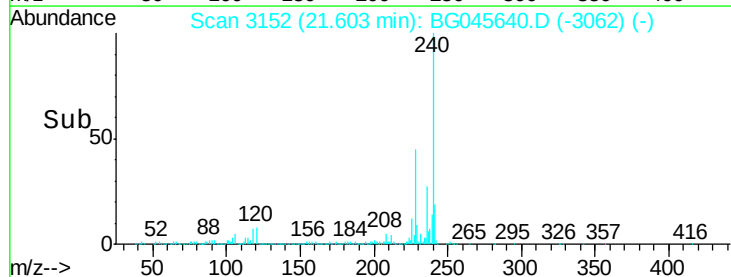
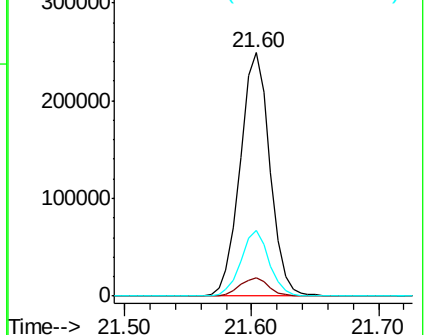
236 27.0 22.3 33.5

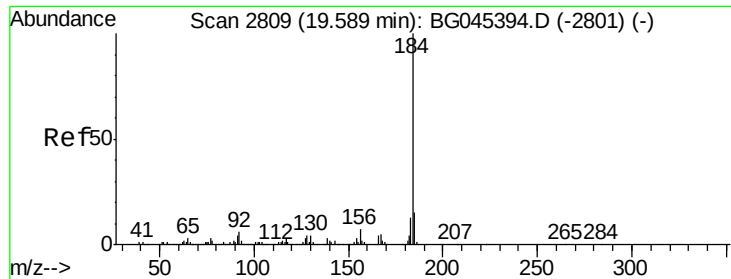


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.519 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

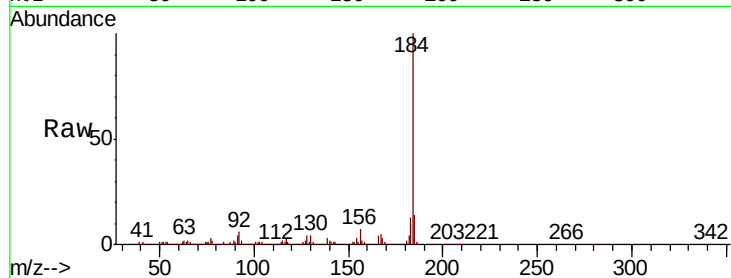
BNA_G

ClientSampleId :

PB129333BSD

Tot Ion:184 Resp: 598187

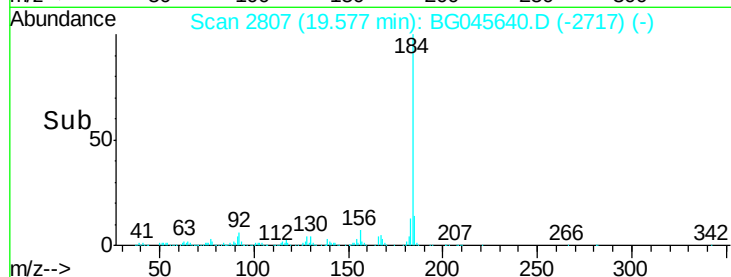
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.7	17.5
183	12.9	10.2	15.4



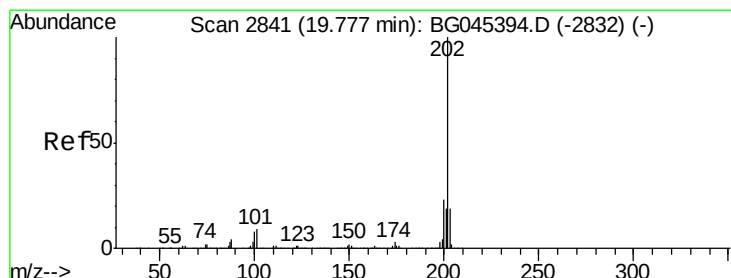
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 46.819 ng

RT: 19.76 min Scan# 2838

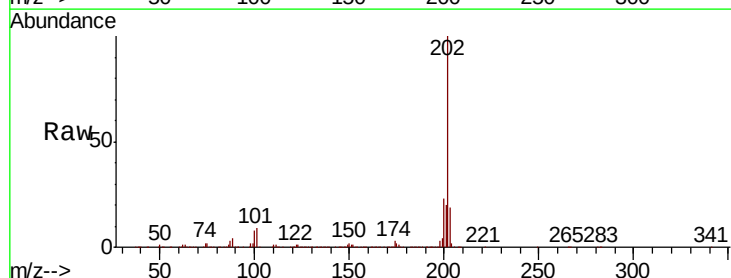
Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Tgt Ion:202 Resp: 1082365

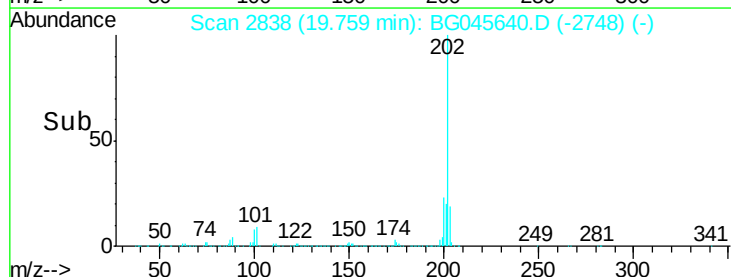
Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.2
203	19.2	15.1	22.7



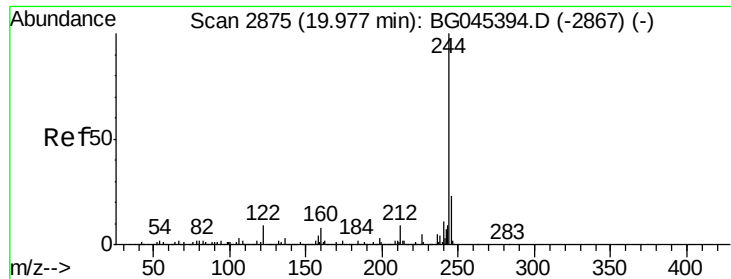
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 94.718 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

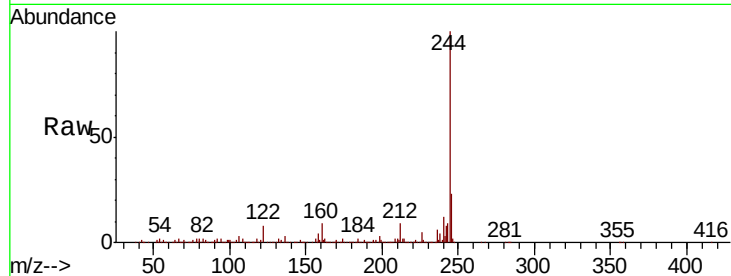
Tot Ion:244 Resp: 1646985

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

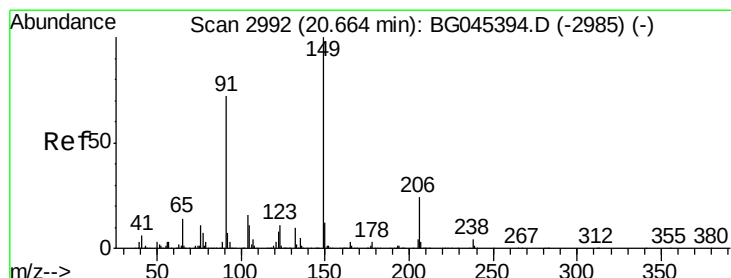
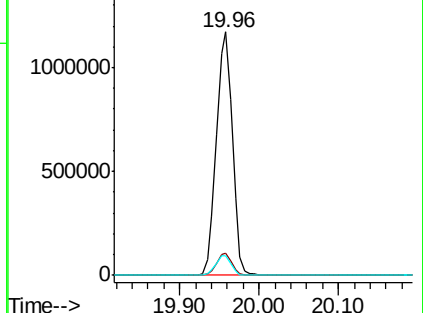
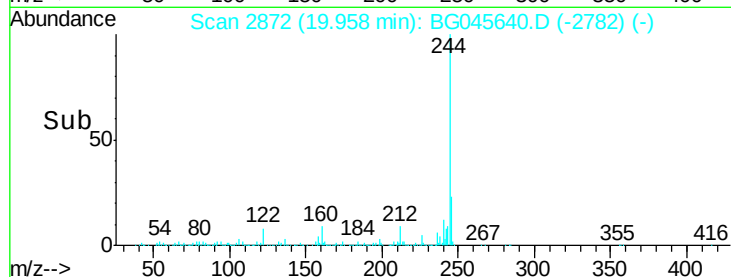
122 8.0 6.8 10.2



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: 42.892 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

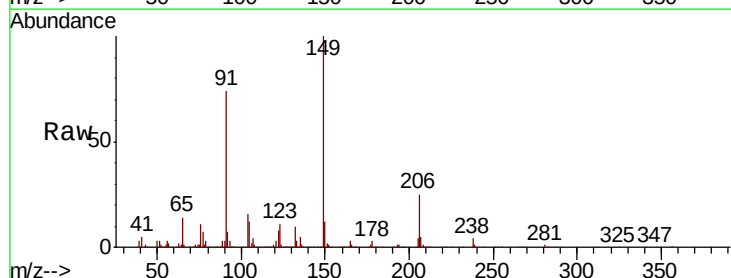
Tgt Ion:149 Resp: 427990

Ion Ratio Lower Upper

149 100

91 74.0 57.8 86.6

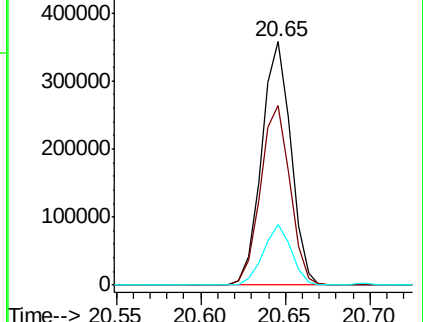
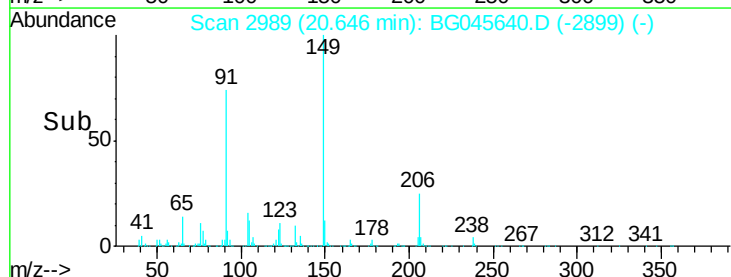
206 24.8 19.1 28.7

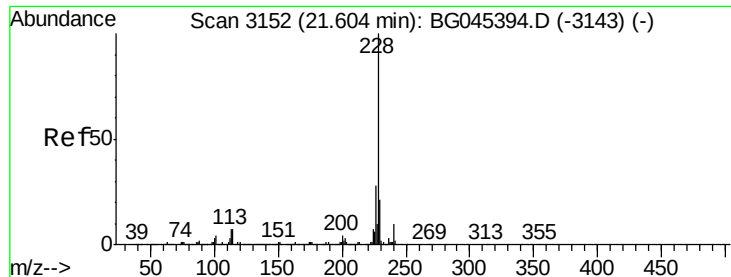


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.602 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

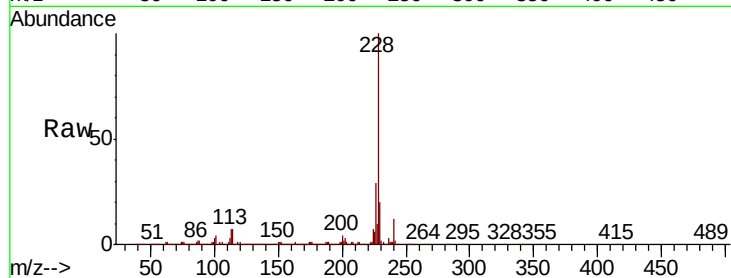
Tot Ion:228 Resp: 1030216

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.3	16.7	25.1

228 100

226 29.1 22.7 34.1

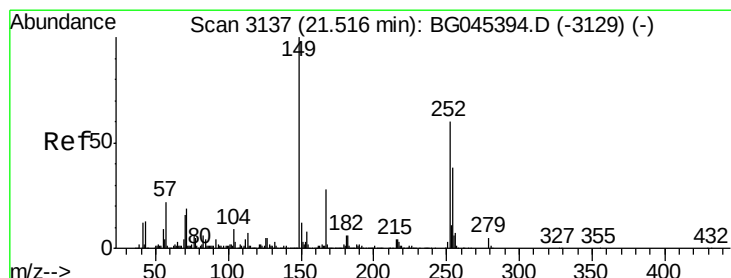
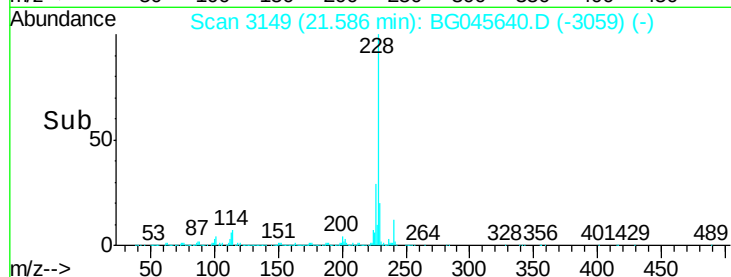
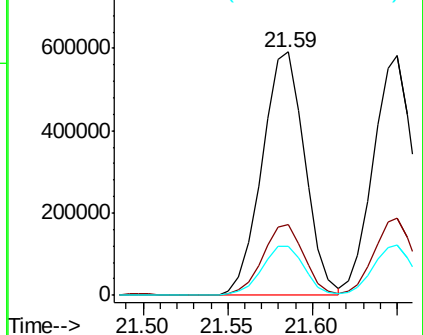
229 20.3 16.7 25.1



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: 37.425 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

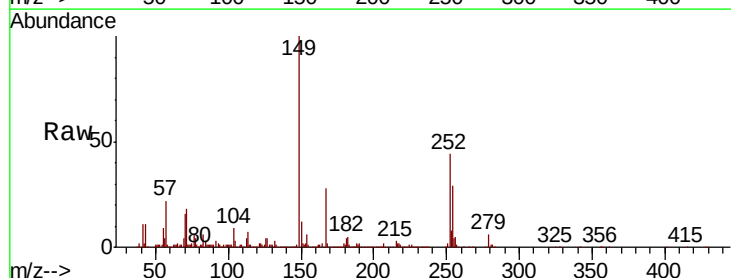
Tgt Ion:252 Resp: 331659

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	8.2	6.6	10.0

252 100

254 65.4 51.3 76.9

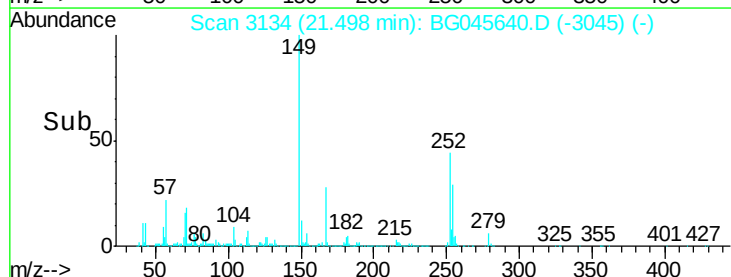
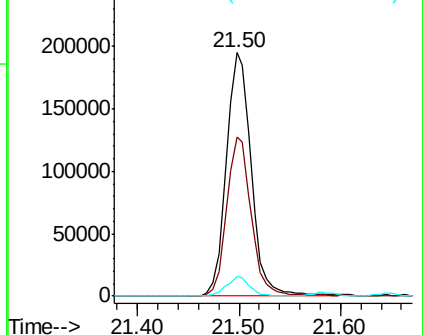
126 8.2 6.6 10.0

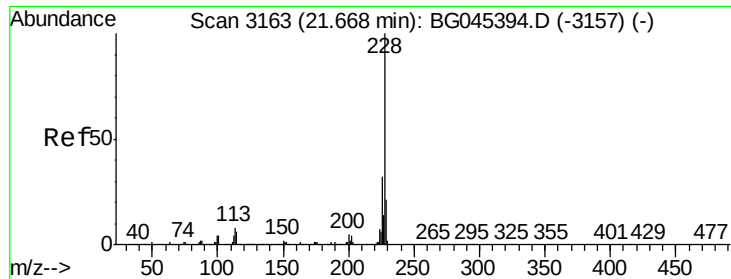


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.036 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

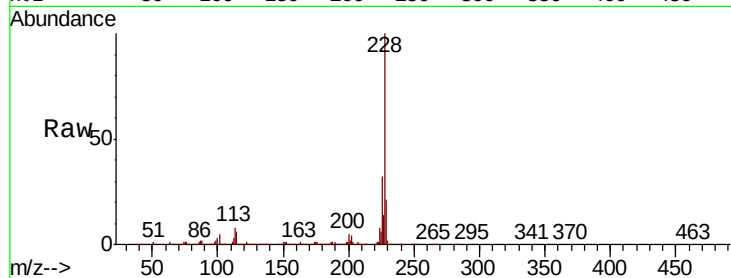
Tot Ion:228 Resp: 978317

Ion Ratio Lower Upper

228 100

226 32.3 25.2 37.8

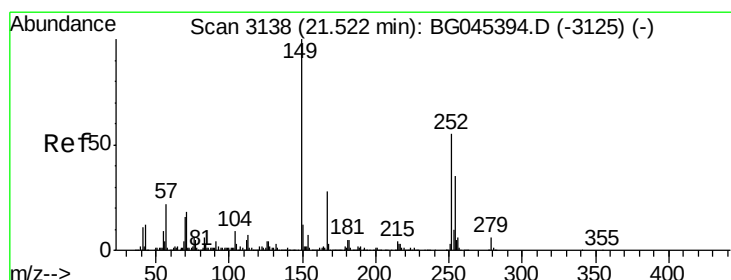
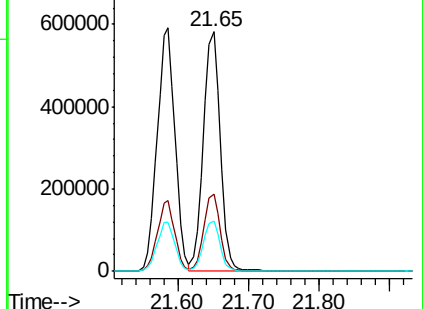
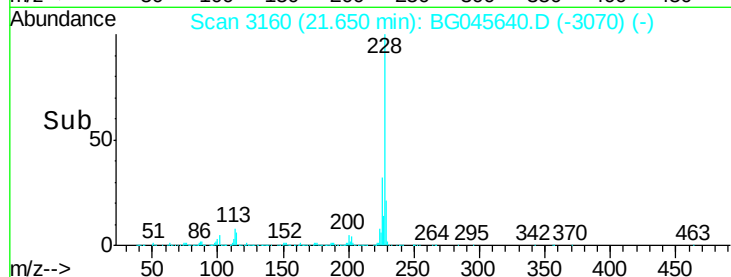
229 20.9 16.7 25.1



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: 44.348 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

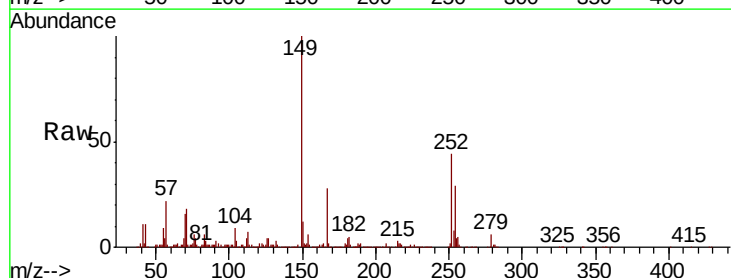
Tgt Ion:149 Resp: 608308

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

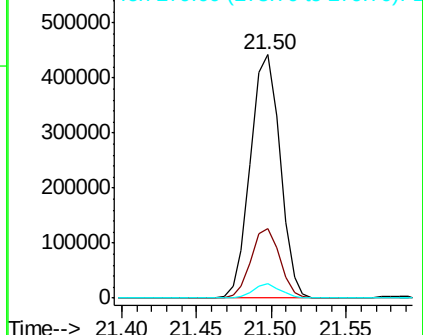
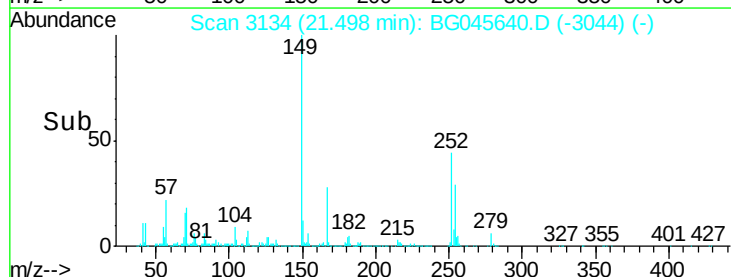
279 5.8 4.7 7.1

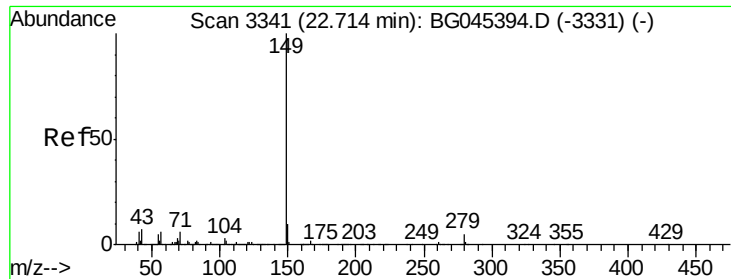


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

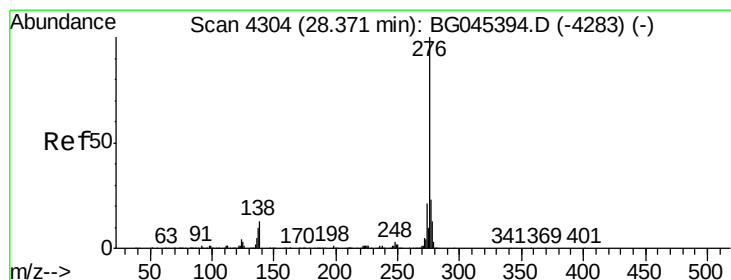
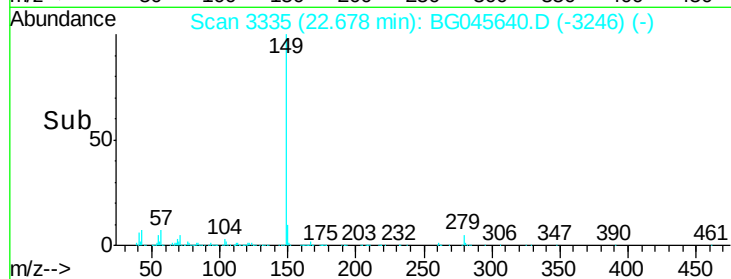
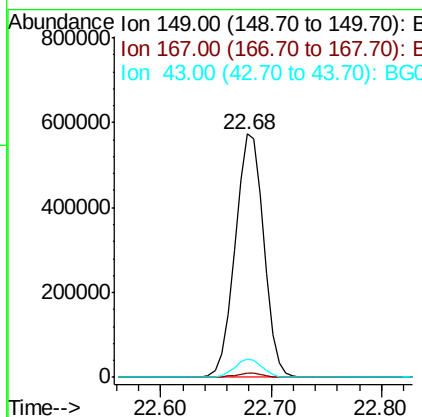
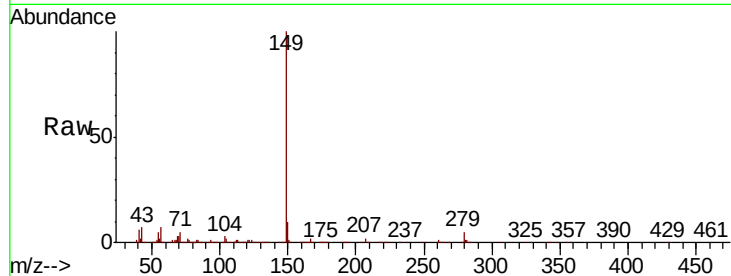




#85
Di-n-octyl phthalate
Concen: 44.139 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

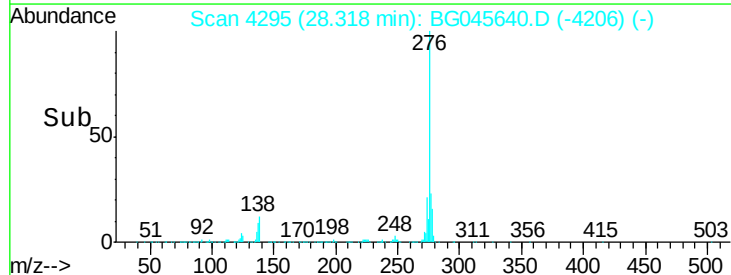
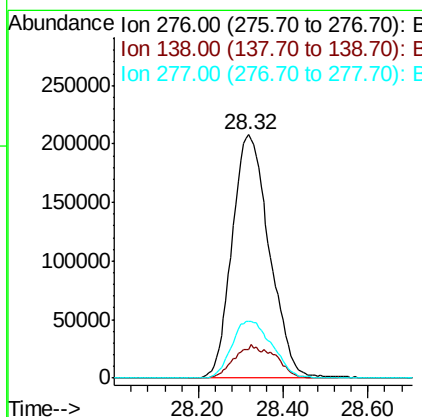
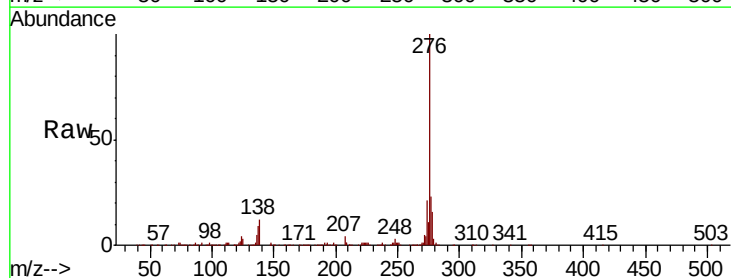
Instrument :
BNA_G
ClientSampleId :
PB129333BSD

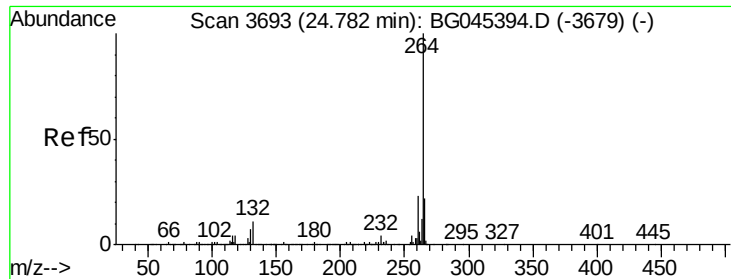
Tot Ion:149 Resp: 1039843
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.2 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.694 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:276 Resp: 1269582
Ion Ratio Lower Upper
276 100
138 9.2 8.6 12.8
277 25.3 20.2 30.4



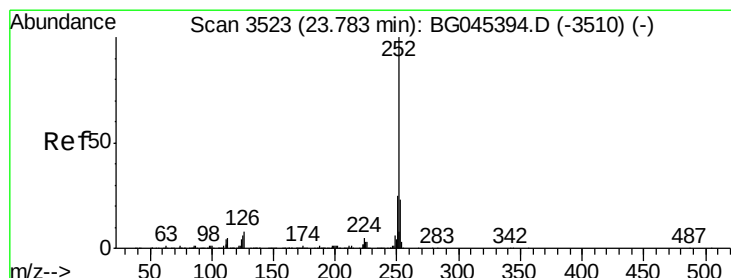
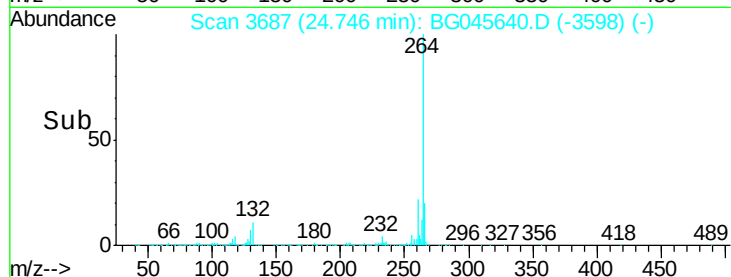
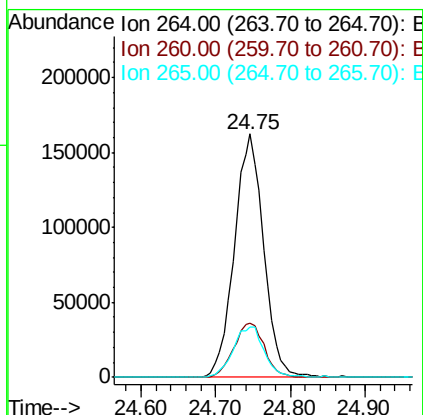
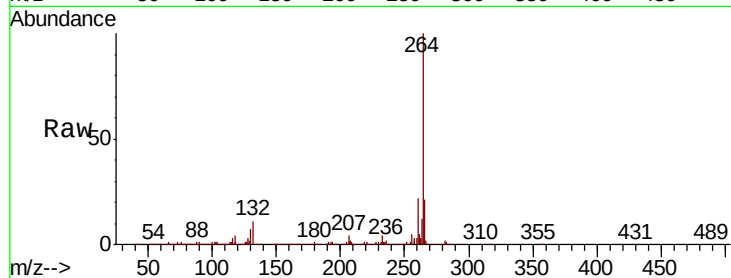


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Instrument :
BNA_G
ClientSampleId :
PB129333BSD

Tot Ion:264 Resp: 441220

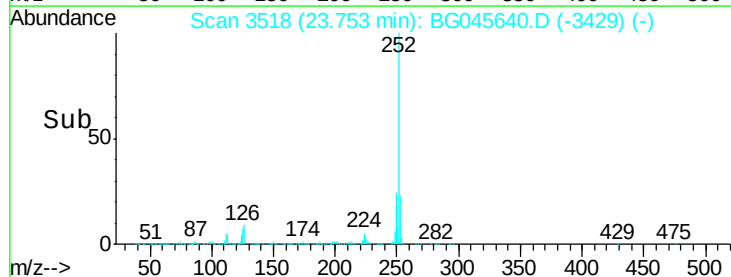
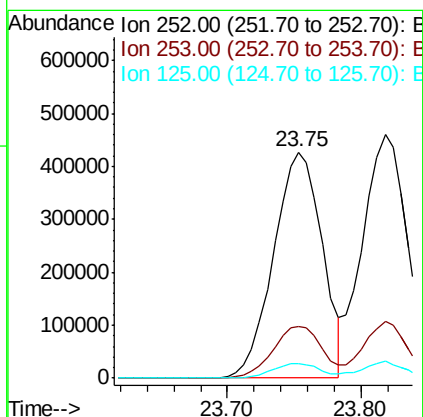
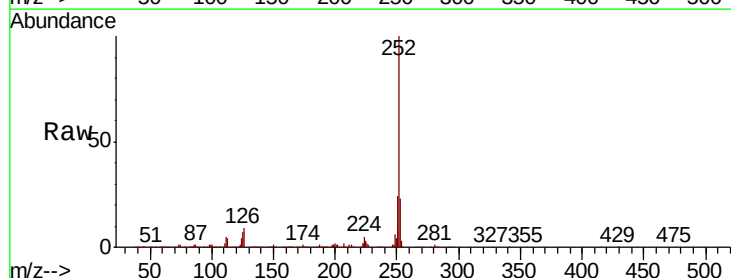
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.7	17.6	26.4

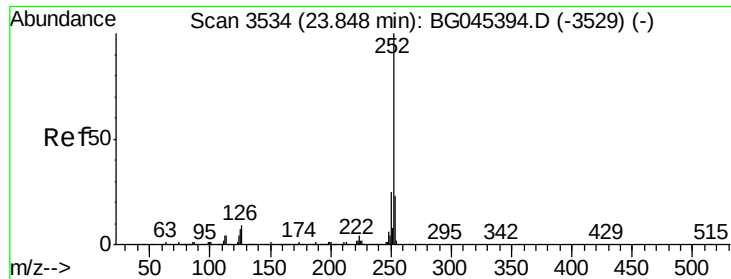


#88
Benzo(b)fluoranthene
Concen: 45.516 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG045640.D
Acq: 8 Jun 2020 12:53

Tgt Ion:252 Resp: 1077047

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.6	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 48.441 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

Instrument :

BNA_G

ClientSampleId :

PB129333BSD

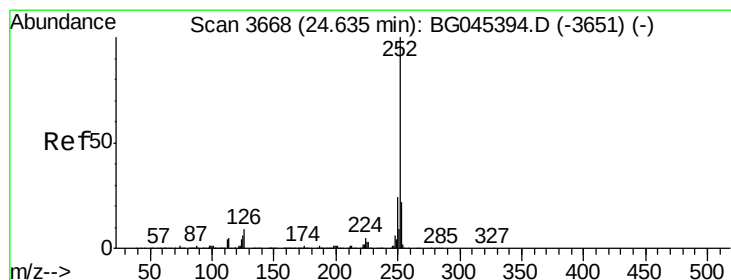
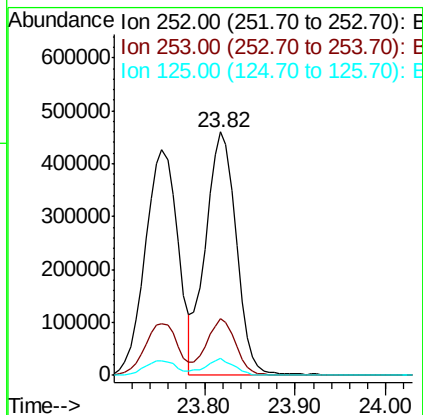
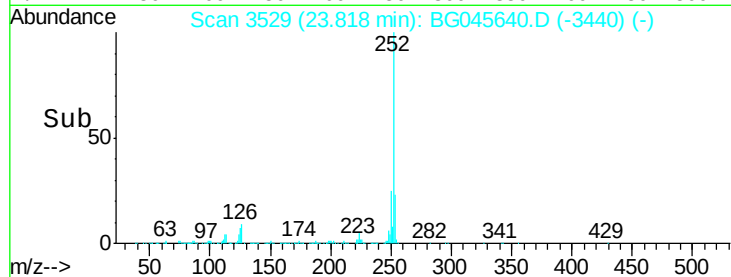
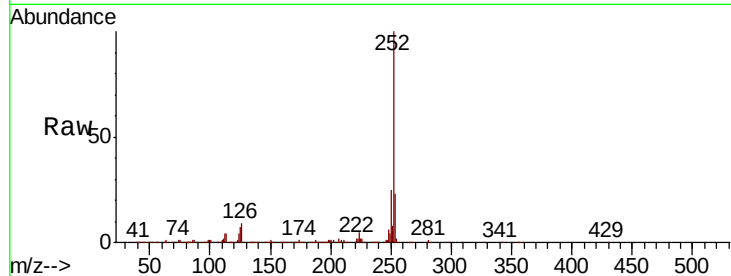
Tot Ion:252 Resp: 1076898

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 7.0 5.7 8.5



#90

Benzo(a)pyrene

Concen: 45.526 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.01 min

Lab File: BG045640.D

Acq: 8 Jun 2020 12:53

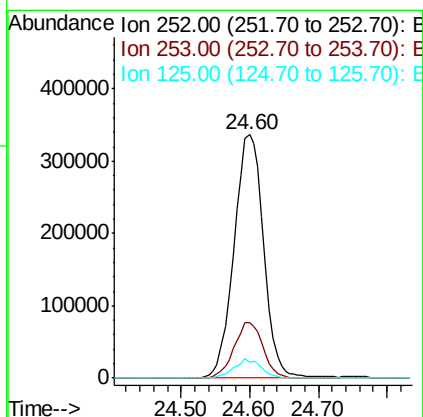
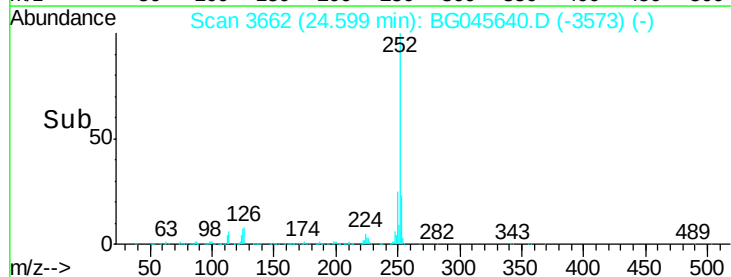
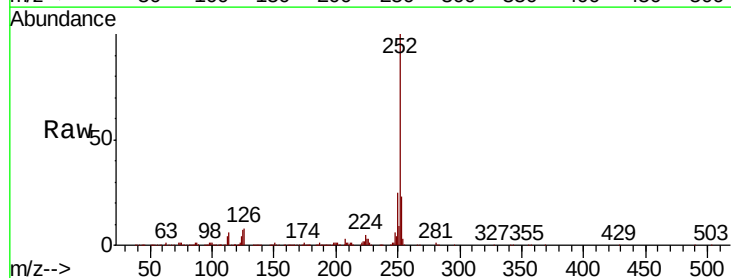
Tgt Ion:252 Resp: 1003313

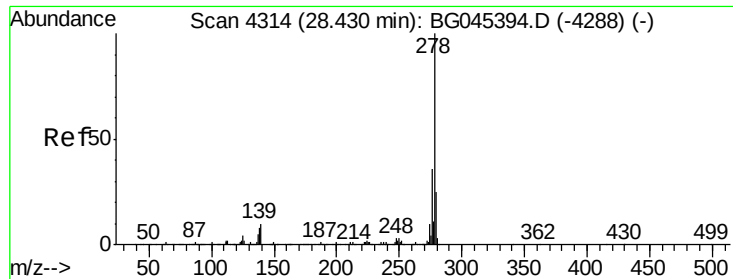
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 6.6 5.0 7.6

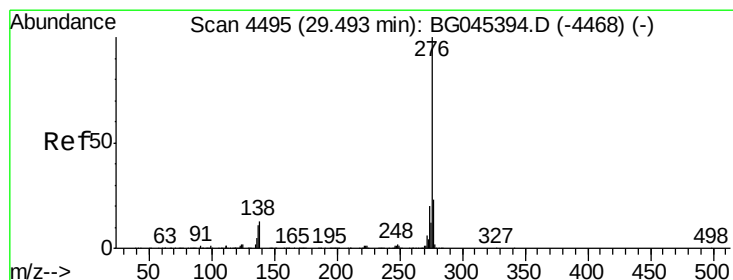
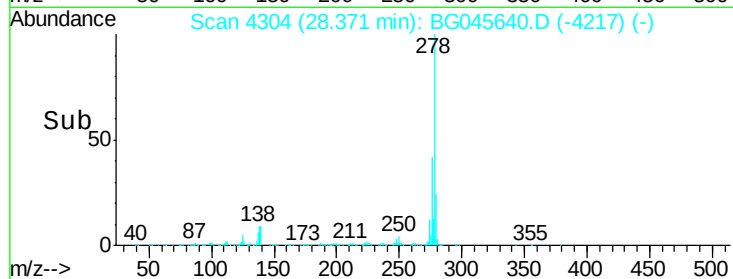
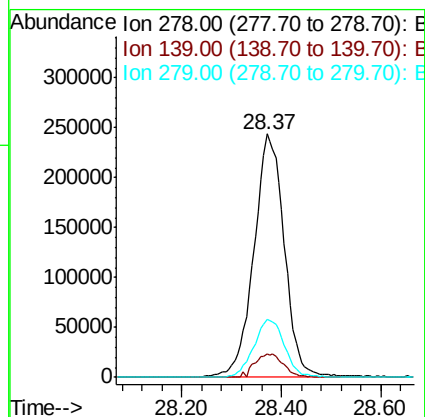
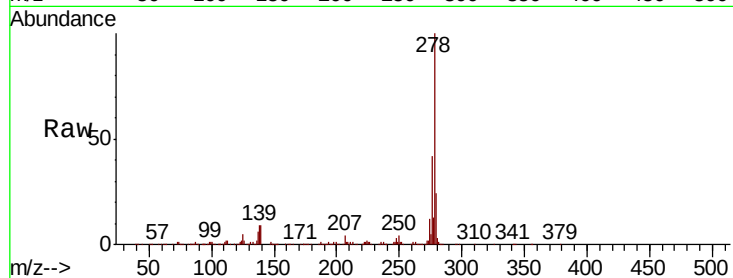




#91
 Dibenzo(a,h)anthracene
 Concen: 46.665 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.02 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BSD

Tot Ion:278 Resp: 1033458
 Ion Ratio Lower Upper
 278 100
 139 9.4 7.8 11.8
 279 23.7 19.8 29.8



#92
 Benzo(g,h,i)perylene
 Concen: 47.963 ng
 RT: 29.43 min Scan# 4484
 Delta R.T. -0.01 min
 Lab File: BG045640.D
 Acq: 8 Jun 2020 12:53

Tgt Ion:276 Resp: 1062336
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.1 27.1
 138 12.1 10.2 15.4

