

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043779.D
 Acq On : 26 Nov 2019 15:57
 Operator : JU
 Sample : PB125122BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125122BS

Manual Integrations
 APPROVED

jagrut
 11/27/2019 11:31:35 PM

Quant Time: Nov 27 03:48:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47504	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	269114	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	248761	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	685664	20.00	ng	0.00
76) Chrysene-d12	21.66	240	800309	20.00	ng	0.00
87) Perylene-d12	24.83	264	766798	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	406949	154.01	ng	0.00
7) Phenol-d6	7.18	99	493478	128.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	464930	94.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	447821	149.25	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1276316	84.34	ng	-0.01
79) Terphenyl-d14	20.01	244	2917932	82.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24728	21.106	ng	97
3) Pyridine	3.91	79	84069	25.484	ng	95
4) n-Nitrosodimethylamine	3.82	42	56047	34.201	ng	87
6) Aniline	7.35	93	103125	20.602	ng	99
8) 2-Chlorophenol	7.59	128	189189	62.775	ng	96
9) Benzaldehyde	7.16	77	101528	44.250	ng	91
10) Phenol	7.21	94	166565	42.241	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	171271	52.043	ng	95
12) 1,3-Dichlorobenzene	7.92	146	155583	43.854	ng	99
13) 1,4-Dichlorobenzene	8.06	146	162265	45.156	ng	95
14) 1,2-Dichlorobenzene	8.38	146	165015	48.533	ng	97
15) Benzyl Alcohol	8.26	79	188236	58.671	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	261445	46.194	ng	99
17) 2-Methylphenol	8.46	107	182831	64.851	ng	97
18) Hexachloroethane	9.12	117	57234	42.192	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	175619	58.140	ng	90
20) 3+4-Methylphenols	8.78	107	253531	64.460	ng	98
22) Acetophenone	8.84	105	308792	43.292	ng	# 95
24) Nitrobenzene	9.22	77	232415	46.196	ng	97
25) Isophorone	9.75	82	510631	48.654	ng	97
26) 2-Nitrophenol	9.93	139	96849	53.356	ng	99
27) 2,4-Dimethylphenol	9.99	122	220117	61.758	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	290654	44.934	ng	100
29) 2,4-Dichlorophenol	10.47	162	244977	56.538	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	212580	41.867	ng	99
31) Naphthalene	10.88	128	637499	47.754	ng	99
32) Benzoic acid	10.08	122	65708	25.565	ng	98
33) 4-Chloroaniline	10.98	127	86433	13.438	ng	96
34) Hexachlorobutadiene	11.18	225	118387	35.458	ng	99
35) Caprolactam	11.80	113	47200m	26.790	ng	
36) 4-Chloro-3-methylphenol	12.10	107	303757	62.381	ng	99
37) 2-Methylnaphthalene	12.48	142	540143	53.691	ng	99
38) 1-Methylnaphthalene	12.70	142	525282	55.017	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	287694	36.346	ng	99

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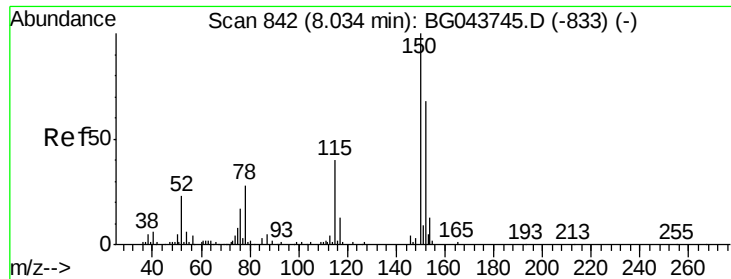
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	262542	61.391	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	236018	46.362	nq	97
44) 2,4,5-Trichlorophenol	13.15	196	267004	50.415	nq	99
46) 1,1'-Biphenyl	13.49	154	741011	42.974	nq	99
47) 2-Chloronaphthalene	13.53	162	594472	42.276	nq	97
48) 2-Nitroaniline	13.72	65	214265	52.047	nq	97
49) Acenaphthylene	14.37	152	1028169	46.474	nq	97
50) Dimethylphthalate	14.10	163	890434	45.186	nq	99
51) 2,6-Dinitrotoluene	14.21	165	206364	56.391	nq	97
52) Acenaphthene	14.72	154	699346	49.430	nq	99
53) 3-Nitroaniline	14.54	138	80334	18.794	nq	# 92
54) 2,4-Dinitrophenol	14.75	184	163653	109.455	nq	# 65
55) Dibenzofuran	15.05	168	1030824	46.768	nq	99
56) 4-Nitrophenol	14.84	139	321640	89.334	nq	93
57) 2,4-Dinitrotoluene	15.00	165	306450	60.383	nq	92
58) Fluorene	15.70	166	853147	47.199	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	266363m	50.074	nq	
60) Diethylphthalate	15.47	149	938930	47.031	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	447797	44.996	nq	97
62) 4-Nitroaniline	15.70	138	249274	50.858	nq	89
63) Azobenzene	15.98	77	867435	46.768	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	132226	51.518	nq	96
66) n-Nitrosodiphenylamine	15.90	169	827123	45.562	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	304839	42.159	nq	96
68) Hexachlorobenzene	16.71	284	328198	41.519	nq	97
69) Atrazine	16.85	200	368009	50.581	nq	99
70) Pentachlorophenol	17.04	266	464848	96.372	nq	97
71) Phenanthrene	17.44	178	1560760	46.003	nq	96
72) Anthracene	17.53	178	1610061	46.979	nq	96
73) Carbazole	17.79	167	1634531	50.402	nq	96
74) Di-n-butylphthalate	18.37	149	1855092	42.686	nq	97
75) Fluoranthene	19.45	202	2168477	44.557	nq	93
77) Benzidine	19.62	184	642159	27.469	nq	100
78) Pyrene	19.80	202	2230673	43.188	nq	93
80) Butylbenzylphthalate	20.70	149	1132004	48.110	nq	98
81) Benzo(a)anthracene	21.64	228	2358417	44.080	nq	93
82) 3,3'-Dichlorobenzidine	21.55	252	387365	19.307	nq	99
83) Chrysene	21.71	228	2210738	43.667	nq	93
84) Bis(2-ethylhexyl)phthalate	21.57	149	1529330	46.195	nq	94
85) Di-n-octyl phthalate	22.78	149	2219346	41.330	nq	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	2420145	41.095	nq	100
88) Benzo(b)fluoranthene	23.83	252	2037018	44.493	nq	94
89) Benzo(k)fluoranthene	23.90	252	2005269	45.638	nq	96
90) Benzo(a)pyrene	24.69	252	1880798	43.688	nq	98
91) Dibenzo(a,h)anthracene	28.52	278	1973137	47.252	nq	# 95
92) Benzo(g,h,i)perylene	29.58	276	1990364	48.334	nq	97

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



#1

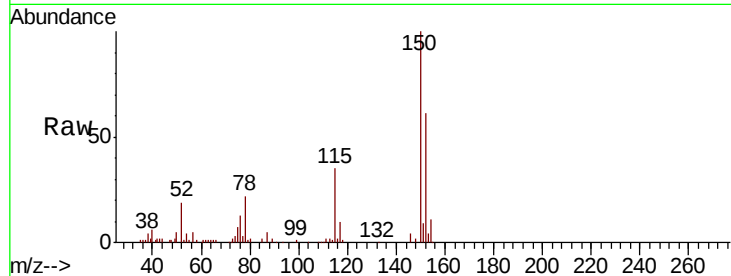
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	117.8	176.8
115	57.7	47.0	70.4

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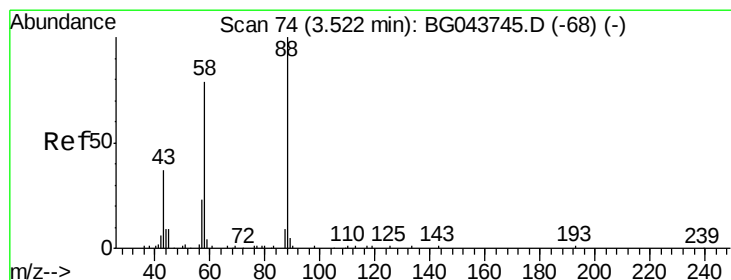
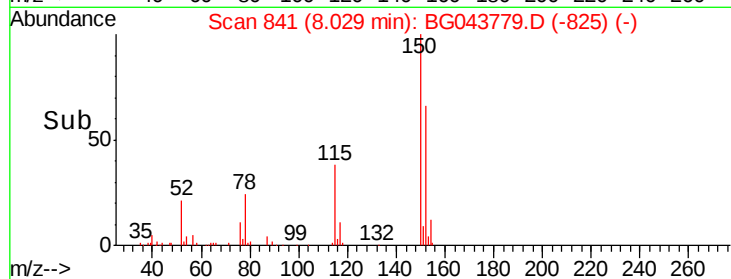
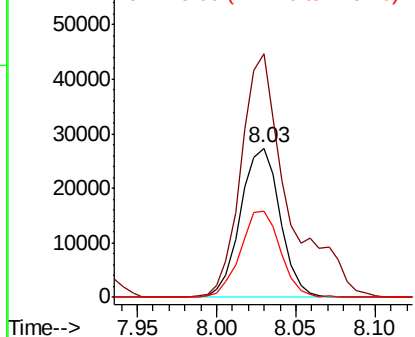


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

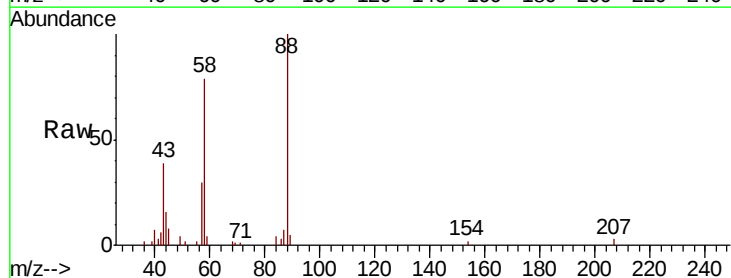
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.106 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.3	93.5
43	33.0	28.9	43.3

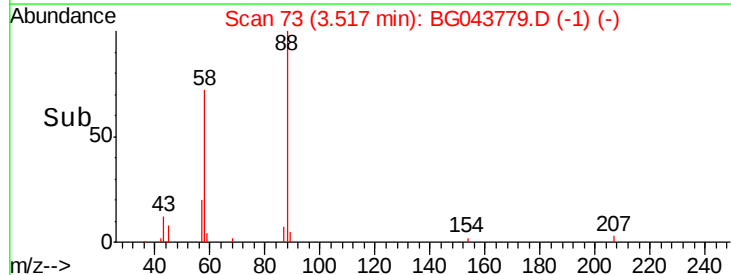
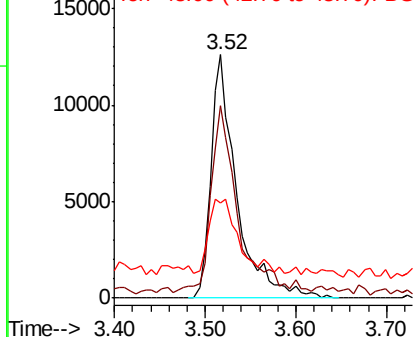


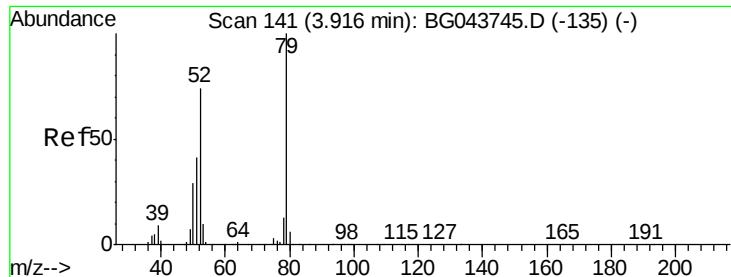
Abundance

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: 25.484 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

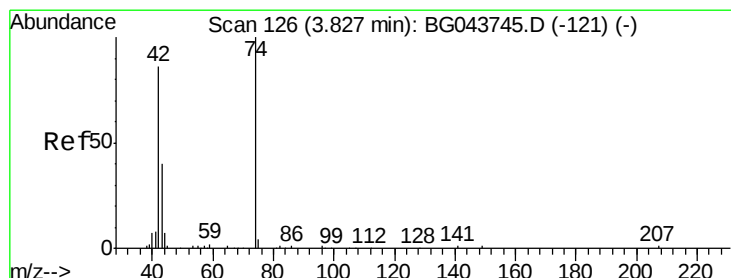
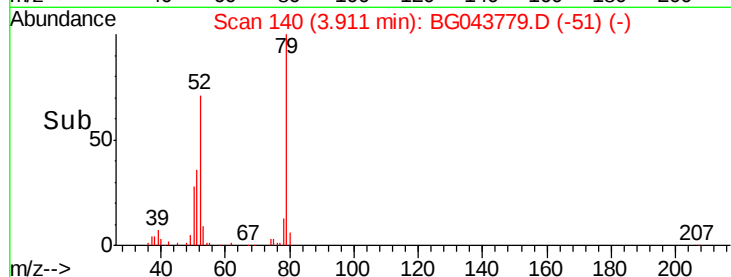
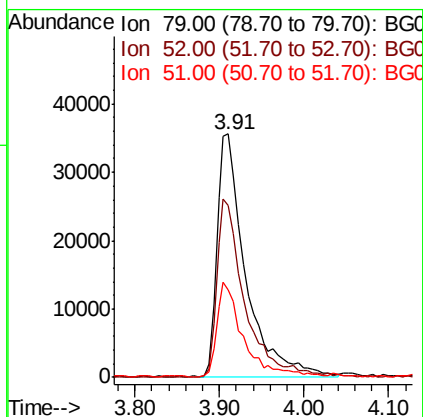
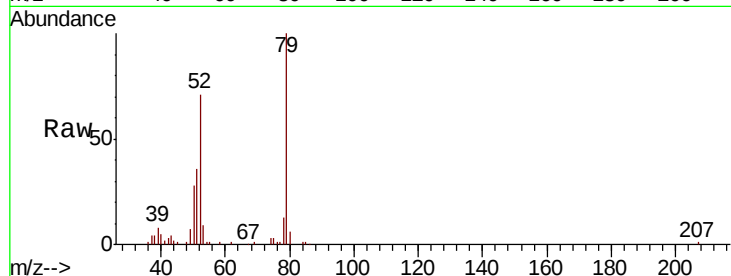
ClientSampleId :

PB125122BS

Tot Ion:	79	Resp:	84069
Ion	Ratio	Lower	Upper
79	100		
52	70.5	59.0	88.6
51	36.1	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 34.201 ng

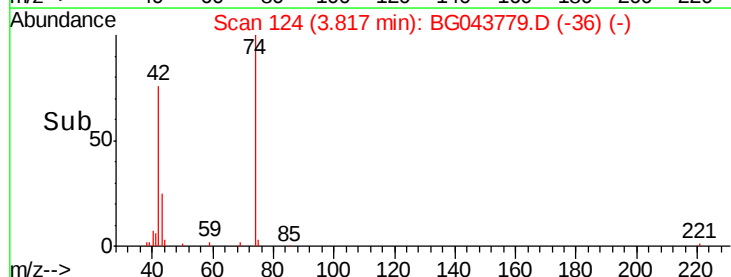
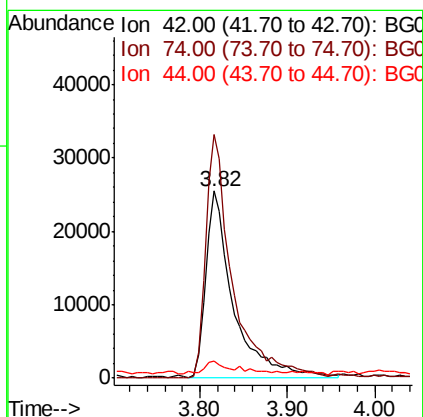
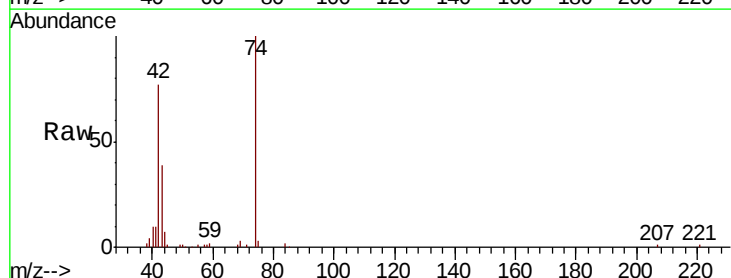
RT: 3.82 min Scan# 124

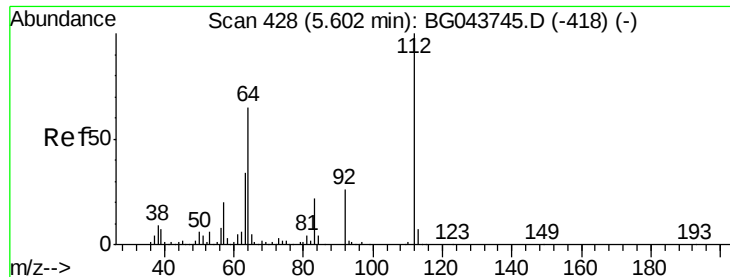
Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	42	Resp:	56047
Ion	Ratio	Lower	Upper
42	100		
74	130.3	91.9	137.9
44	9.3	9.1	13.7





#5

2-Fluorophenol

Concen: 154.009 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

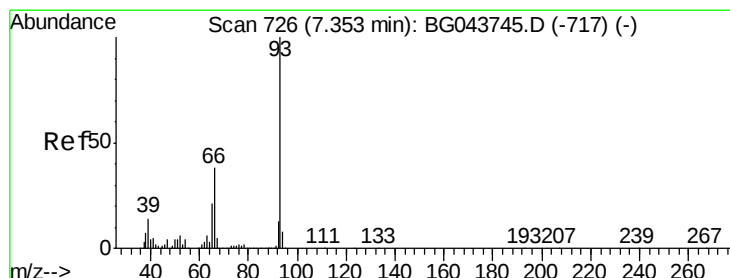
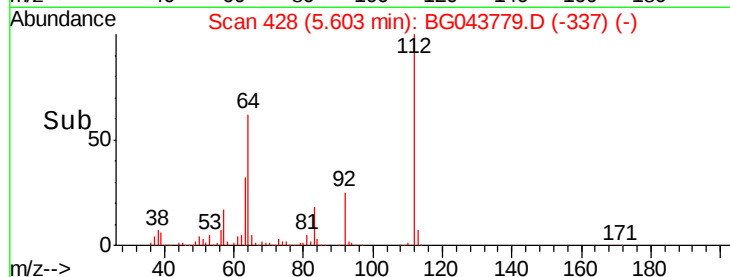
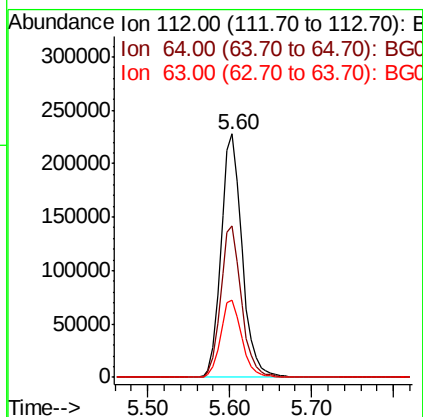
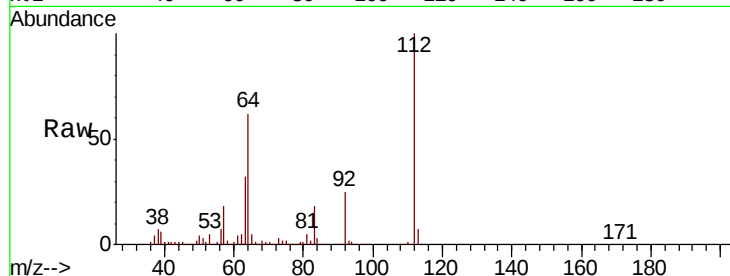
ClientSampleId :

PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	406949		
64	62.2		51.7	77.5
63	31.7		26.8	40.2

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#6

Aniline

Concen: 20.602 ng

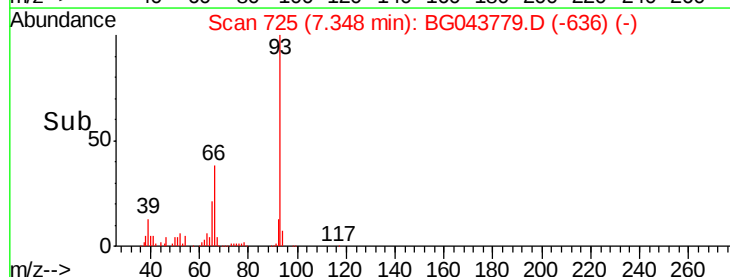
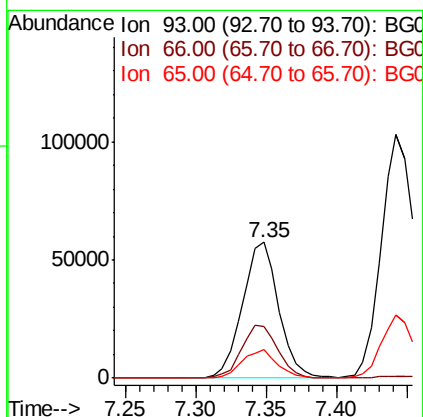
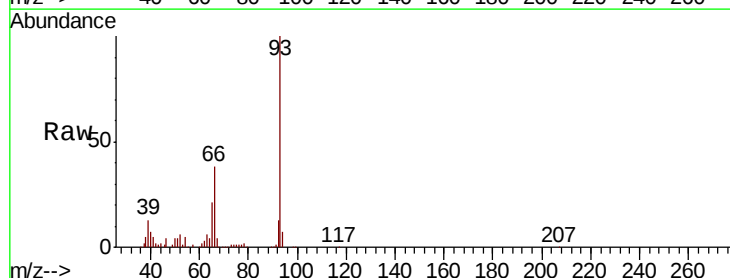
RT: 7.35 min Scan# 725

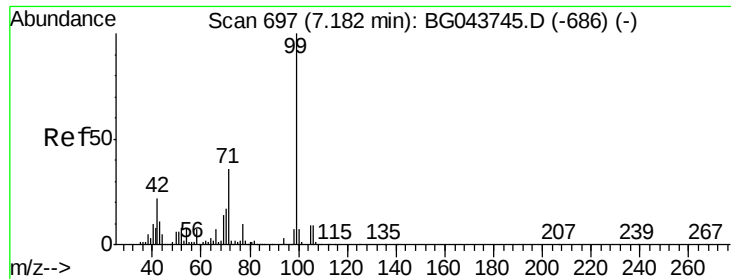
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	103125		
66	37.8		30.6	46.0
65	21.4		16.8	25.2





#7

Phenol-d6

Concen: 128.472 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

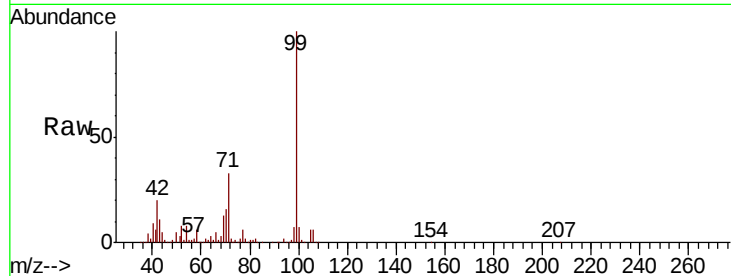
ClientSampleId :

PB125122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		493478		
42	19.5	17.4	26.0		
71	33.3	29.5	44.3		

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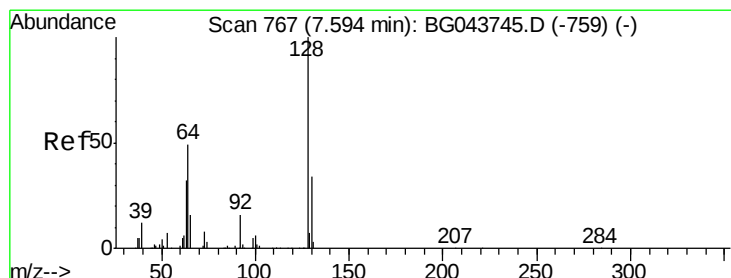
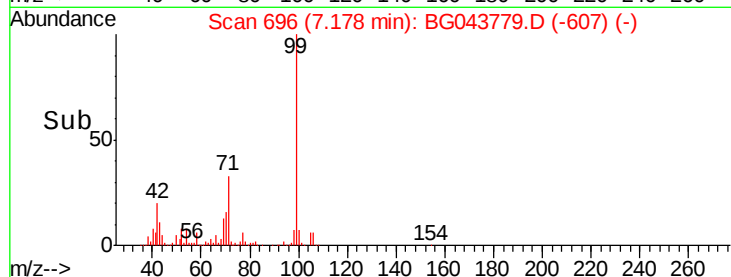
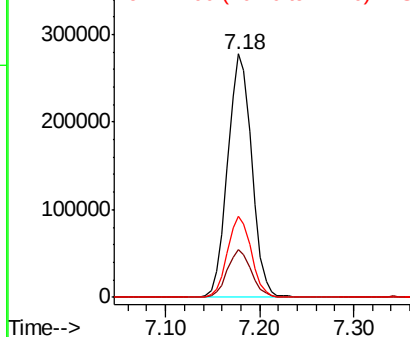


Abundance

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: 62.775 ng

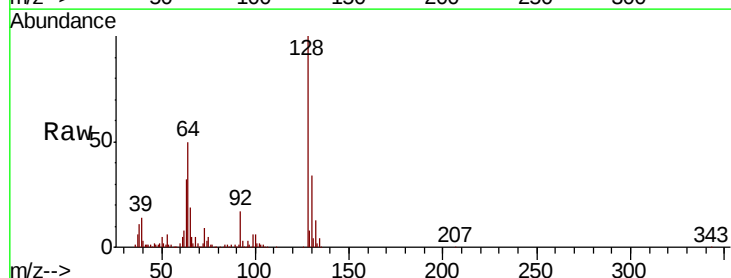
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		189189		
130	33.9	14.3	54.3		
64	49.8	34.5	74.5		

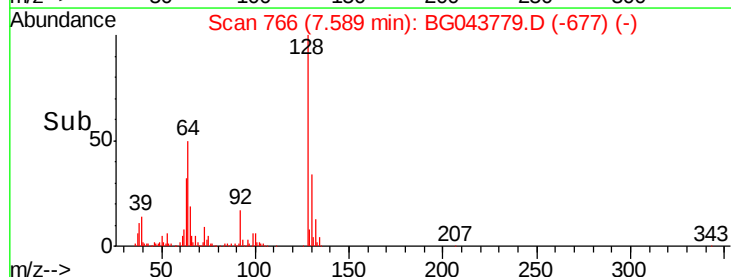
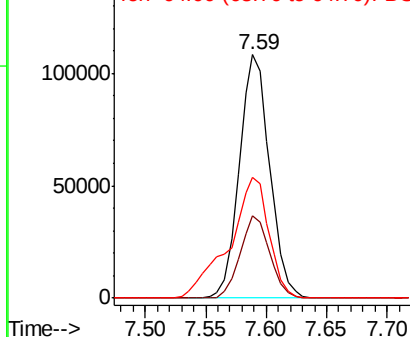


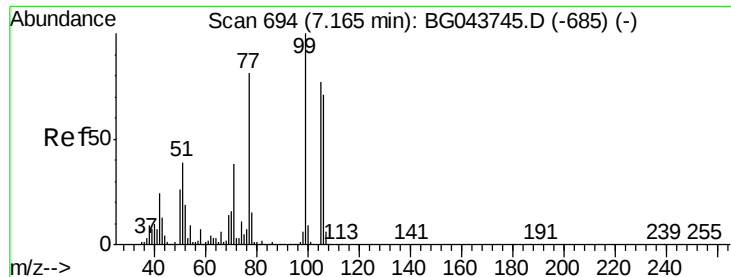
Abundance

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: 44.250 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

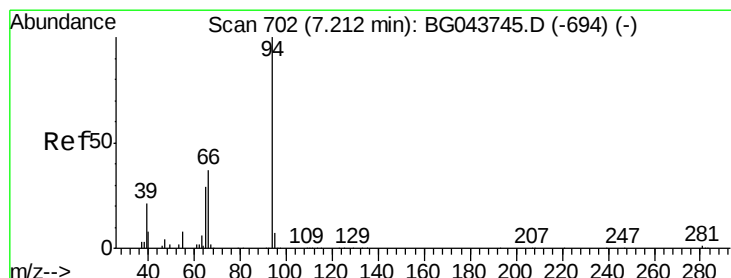
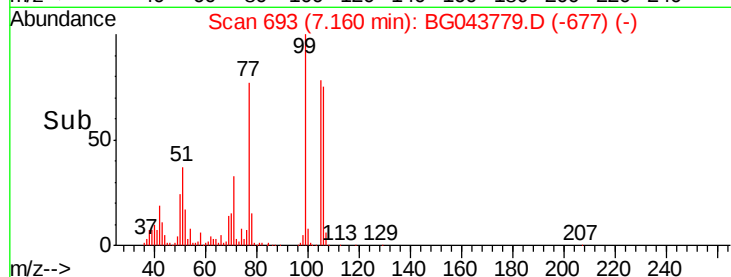
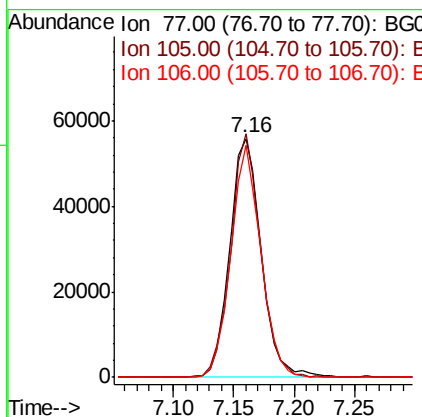
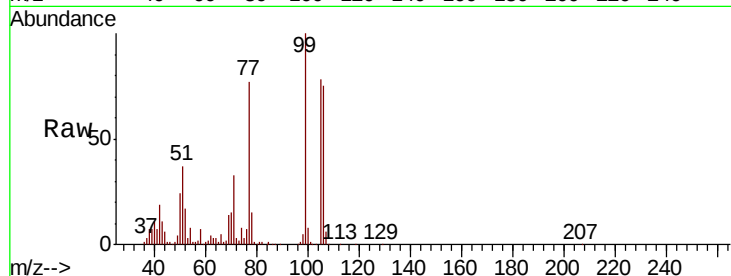
ClientSampleId :

PB125122BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	75.0	115.0
106	97.3	67.4	107.4

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#10

Phenol

Concen: 42.241 ng

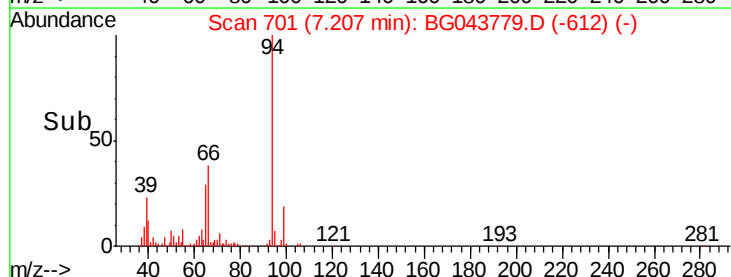
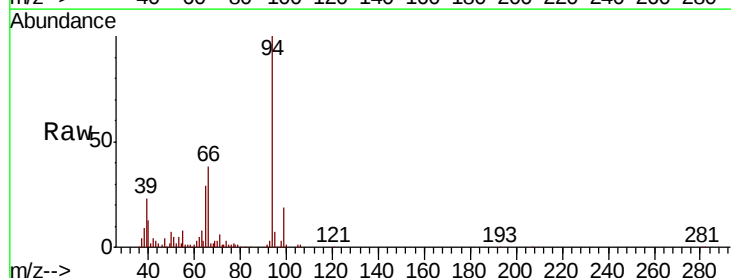
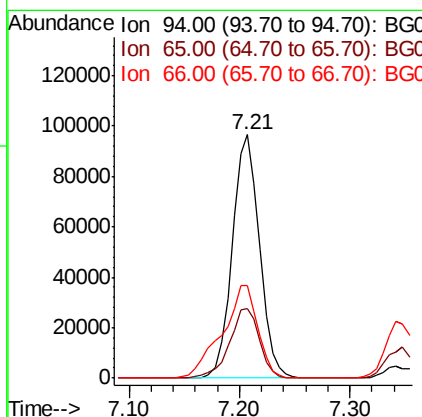
RT: 7.21 min Scan# 701

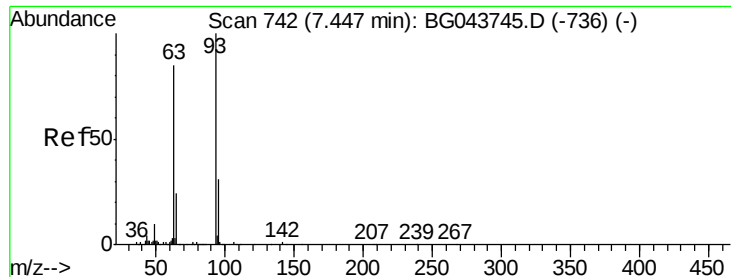
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	10.3	50.3
66	38.3	20.5	60.5





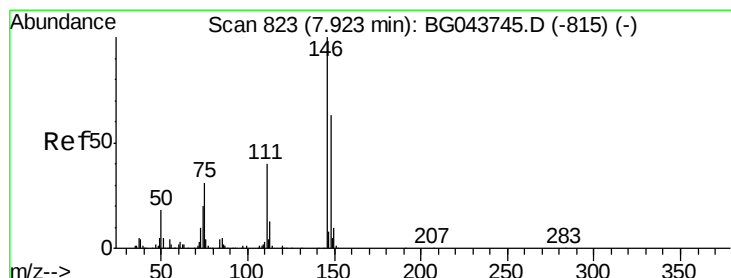
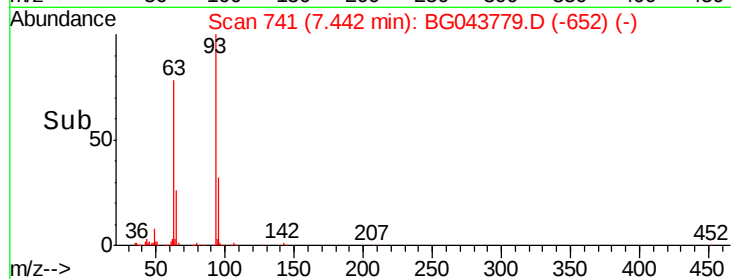
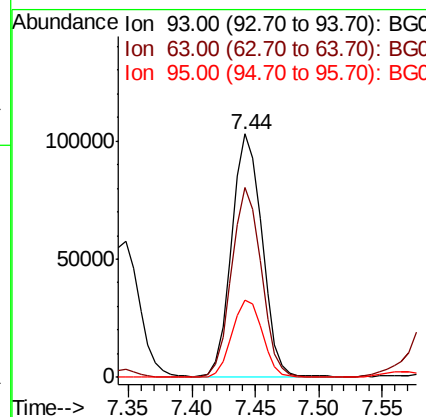
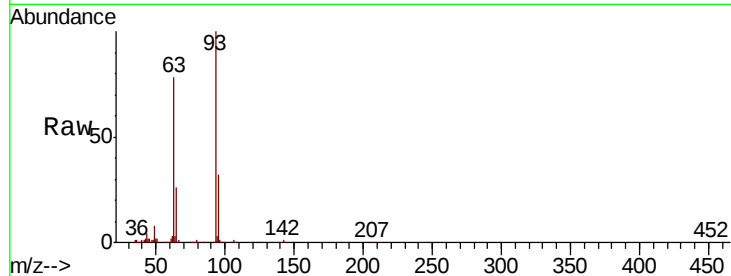
#11
bis(2-Chloroethyl)ether
Concen: 52.043 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		171271		
63	78.0	64.4	104.4		
95	31.5	11.3	51.3		

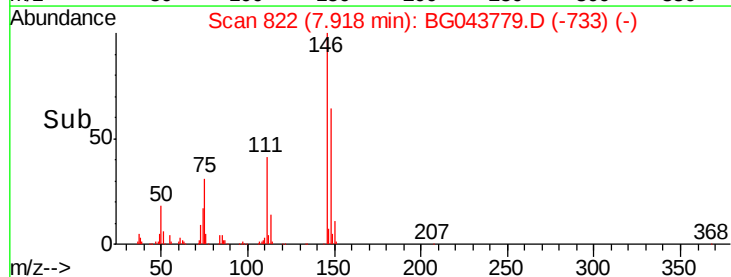
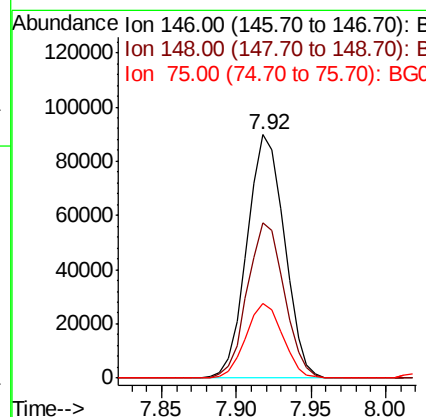
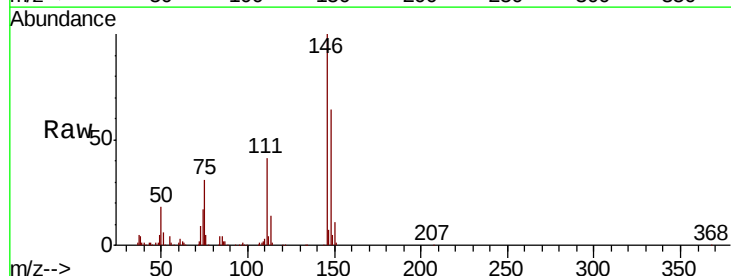
Manual Integrations
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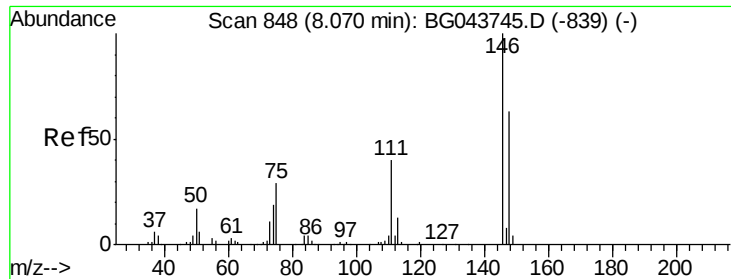
jagrut
11/27/2019 11:31:35 PM



#12
1,3-Dichlorobenzene
Concen: 43.854 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		155583		
148	64.0	50.6	75.8		
75	30.7	25.2	37.8		





#13

1,4-Dichlorobenzene

Concen: 45.156 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

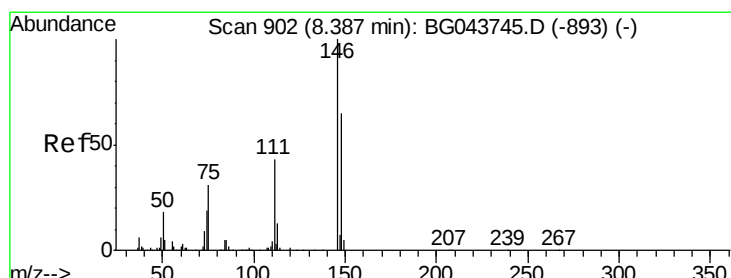
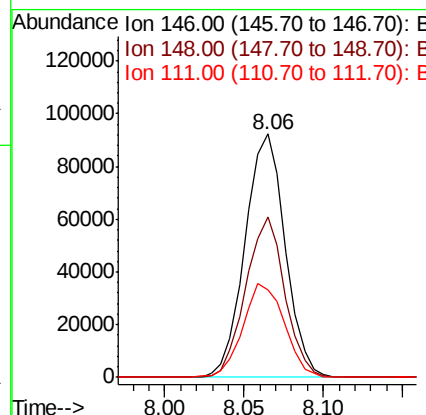
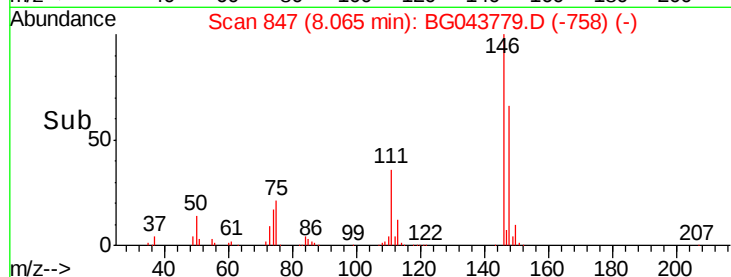
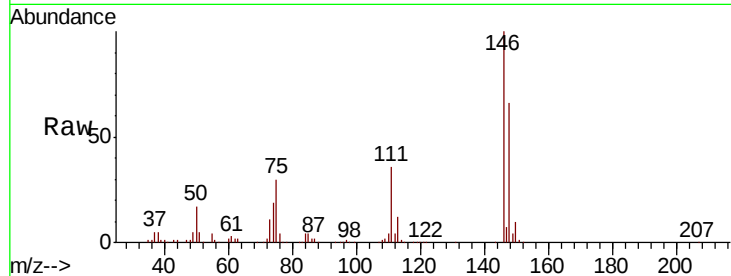
ClientSampleId :

PB125122BS

Tot Ion:	146	Resp:	162265
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.1	75.1
111	36.0	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 48.533 ng

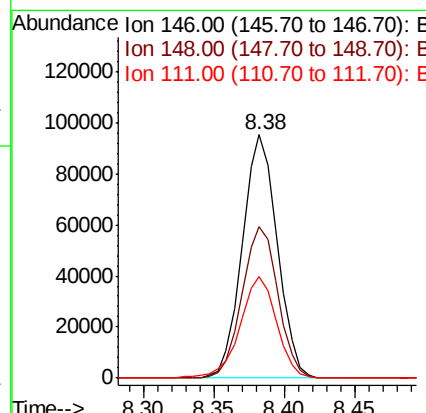
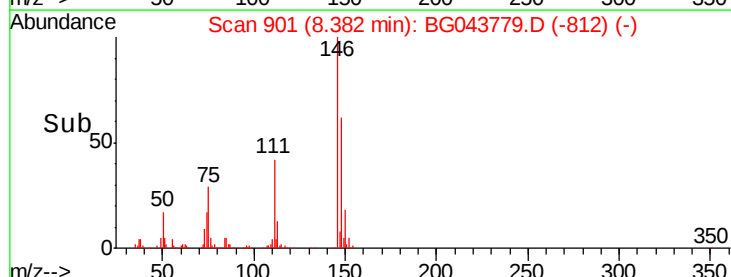
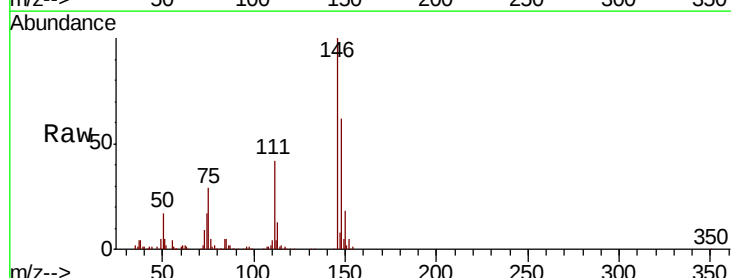
RT: 8.38 min Scan# 901

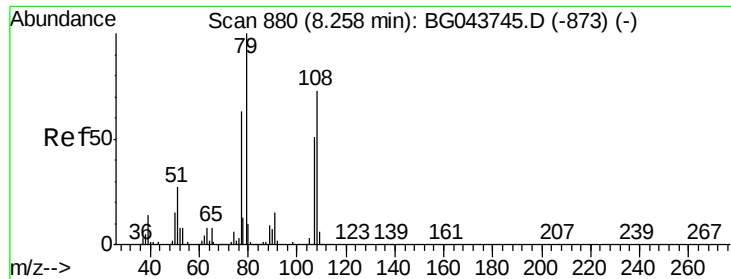
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	146	Resp:	165015
Ion Ratio	Lower	Upper	
146	100		
148	62.1	52.1	78.1
111	41.9	34.7	52.1





#15

Benzyl Alcohol

Concen: 58.671 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

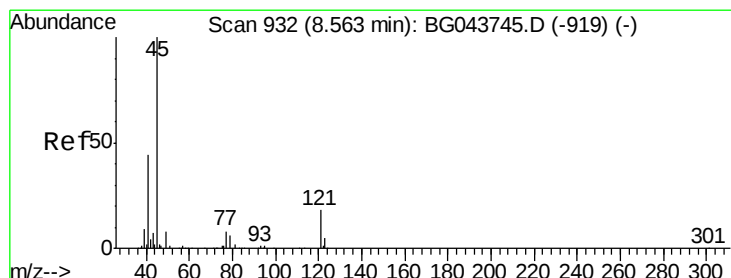
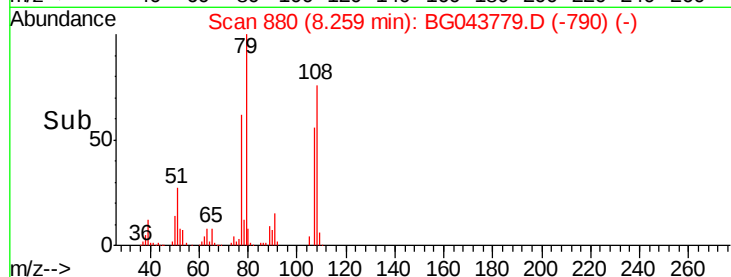
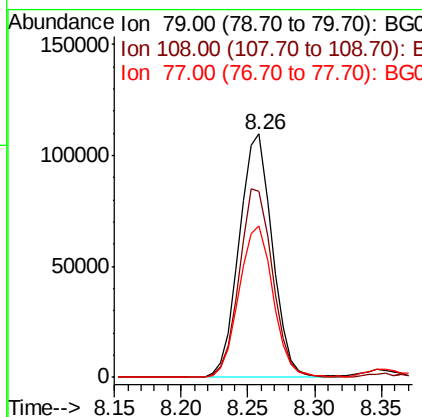
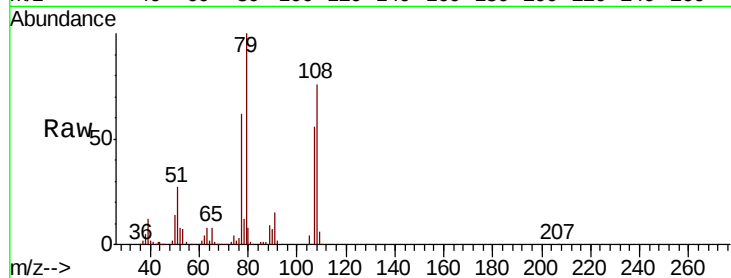
ClientSampleId :

PB125122BS

Tot Ion:	79	Resp:	188236
Ion Ratio	Lower	Upper	
79	100		
108	76.3	58.2	87.2
77	62.4	50.2	75.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.194 ng

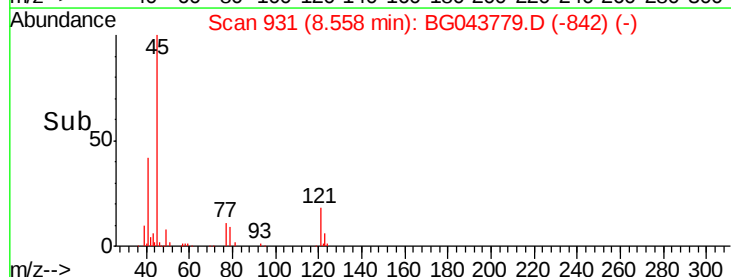
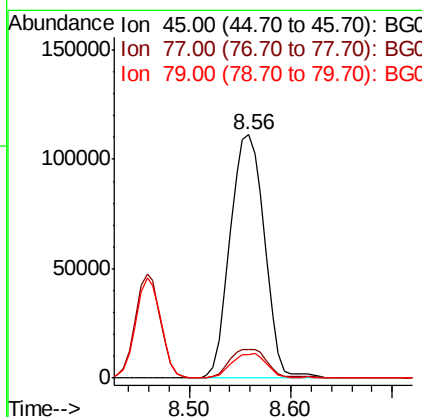
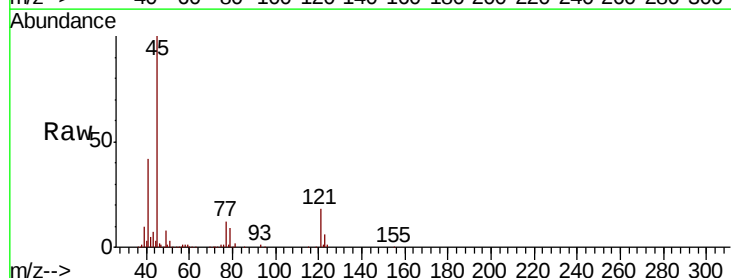
RT: 8.56 min Scan# 931

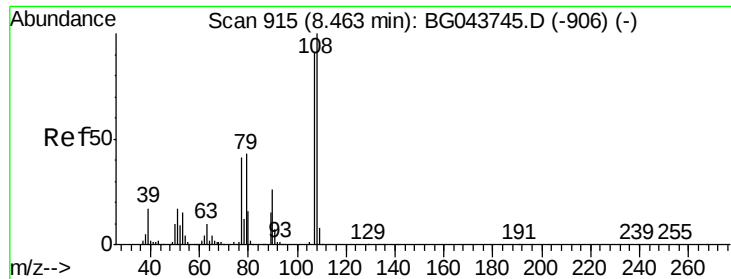
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	45	Resp:	261445
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.2
79	9.5	0.0	29.9





#17

2-Methylphenol

Concen: 64.851 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

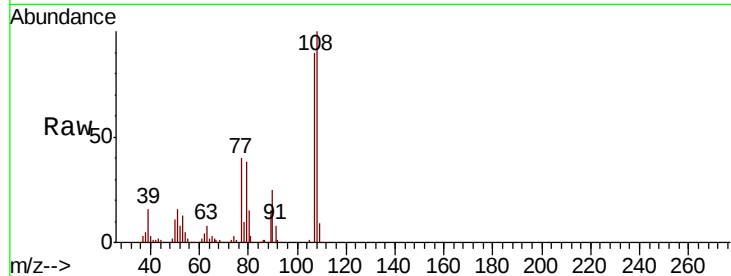
ClientSampleId :

PB125122BS

Tot Ion:	107	Resp:	182831
Ion Ratio	Lower	Upper	
107	100		
108	110.5	88.0	132.0
77	44.0	35.9	53.9
79	41.9	38.2	57.2

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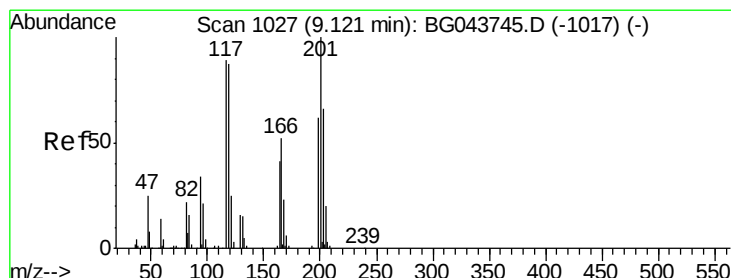
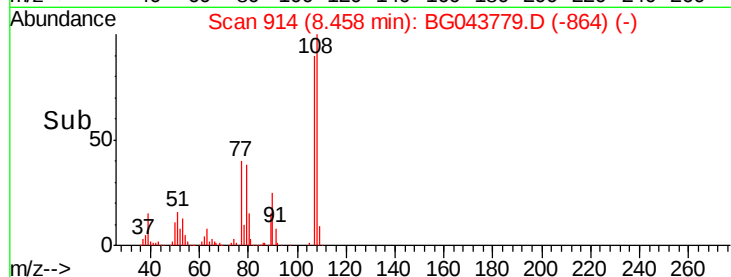
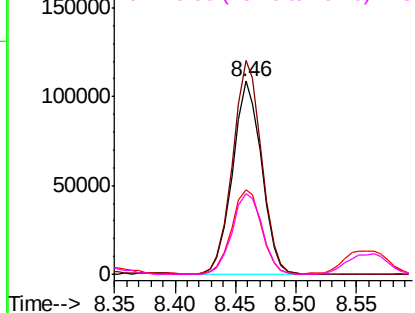
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.192 ng

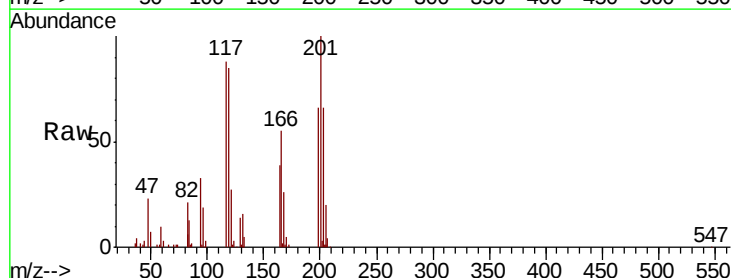
RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	117	Resp:	57234
Ion Ratio	Lower	Upper	
117	100		
119	97.5	77.7	116.5
201	117.5	89.4	134.0

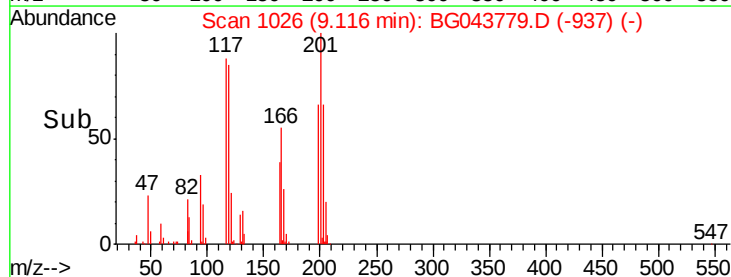
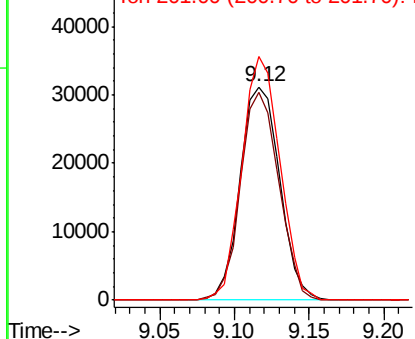


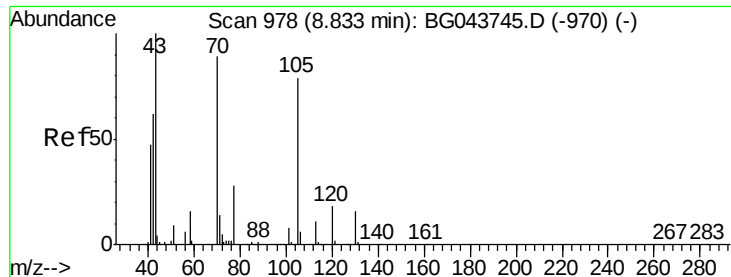
Abundance

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





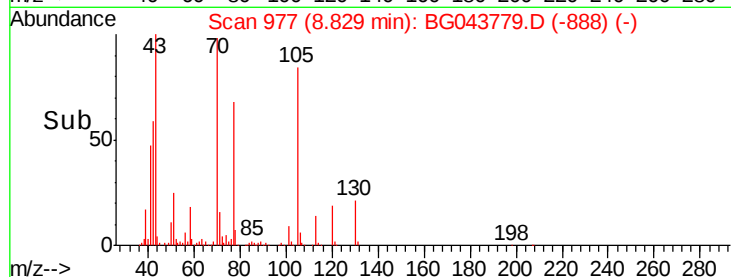
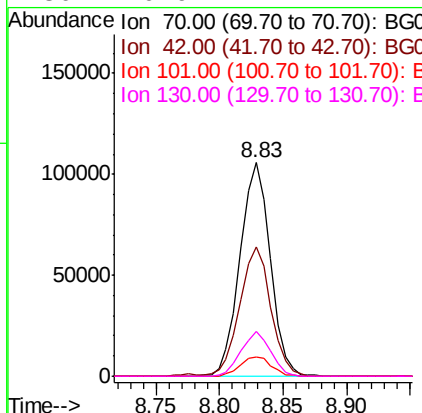
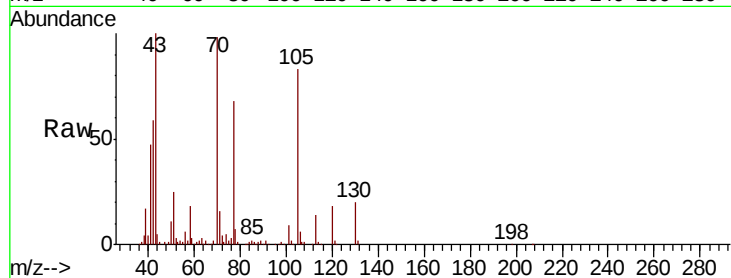
#19
n-Nitroso-di-n-propylamine
Concen: 58.140 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		175619		
42	60.5	56.4	84.6		
101	9.0	6.7	10.1		
130	20.9	14.7	22.1		

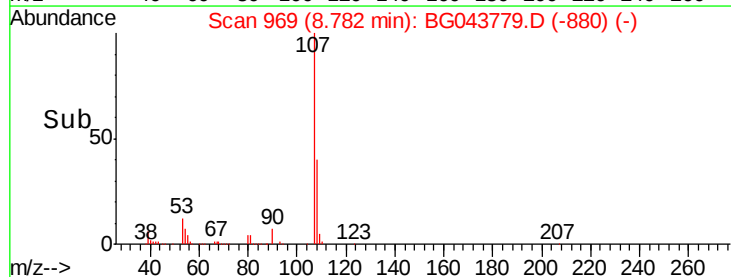
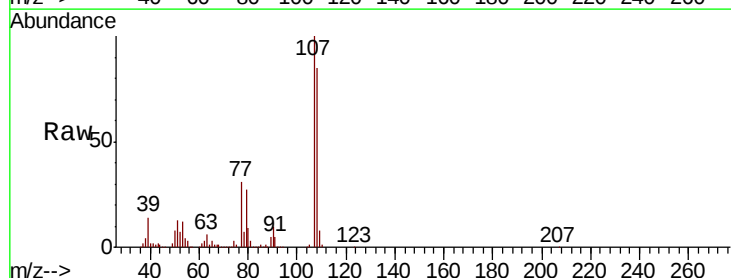
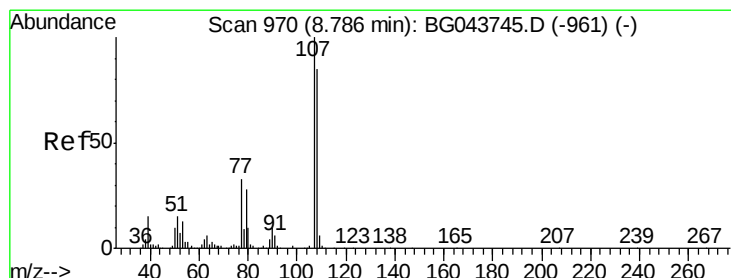
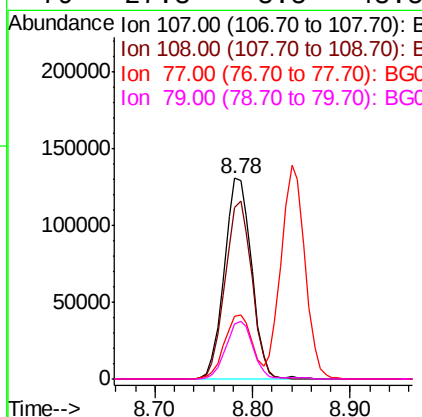
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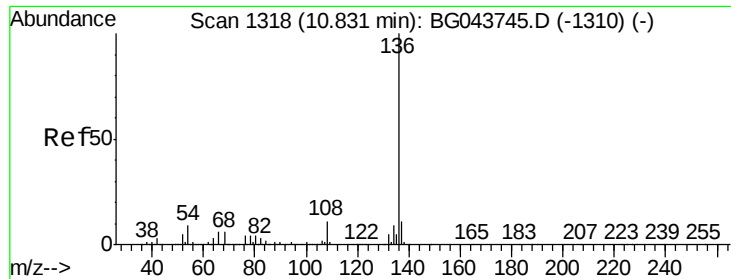
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#20
3+4-Methylphenols
Concen: 64.460 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		253531		
108	85.4	64.6	104.6		
77	31.2	13.7	53.7		
79	27.3	8.5	48.5		





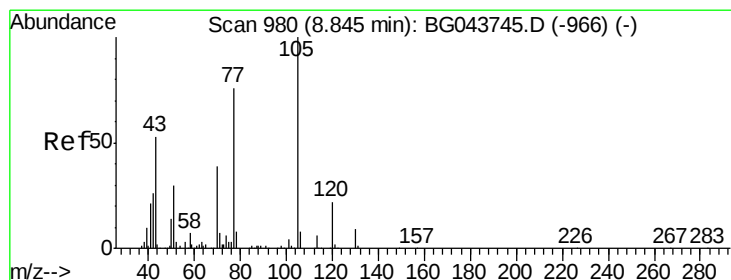
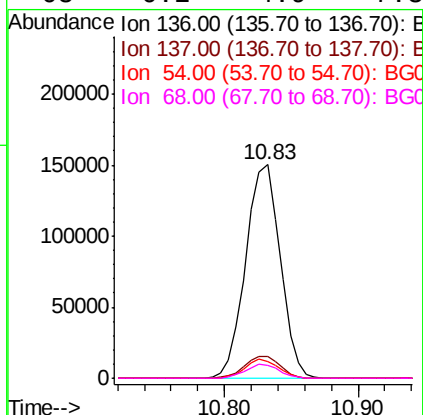
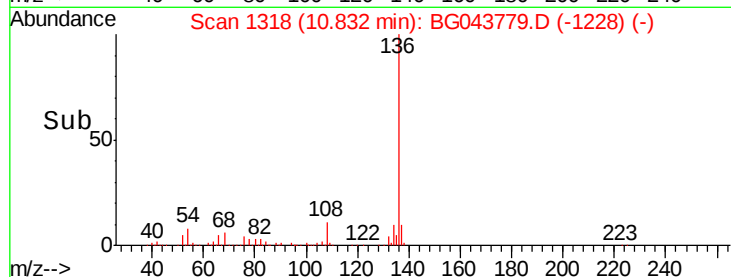
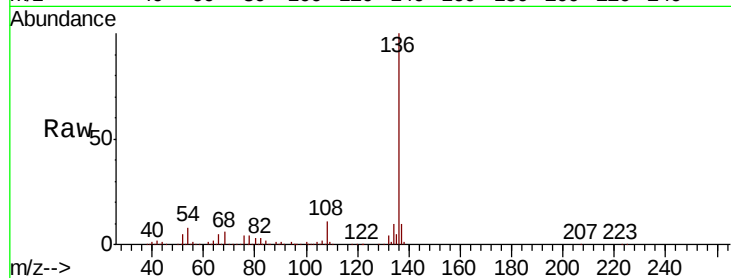
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	269114		
137	10.1	8.8	13.2	
54	7.9	7.5	11.3	
68	6.2	4.9	7.3	

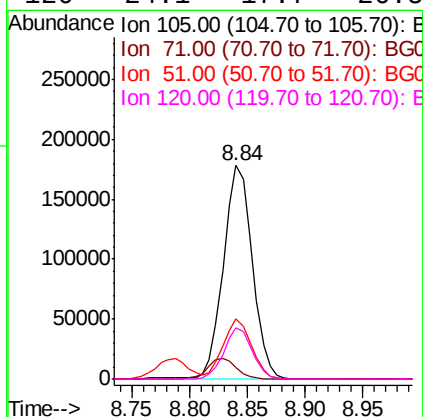
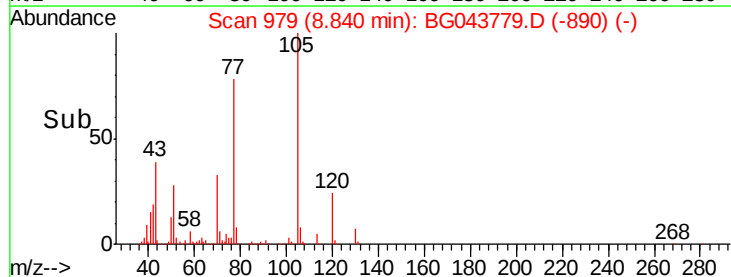
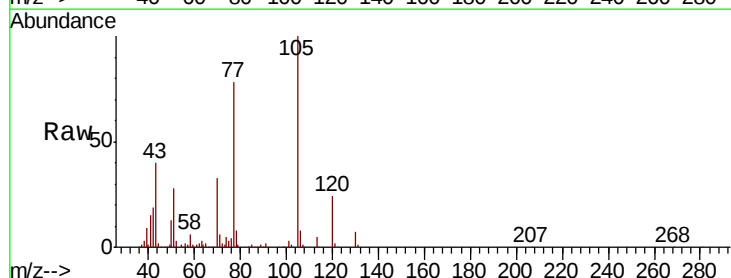
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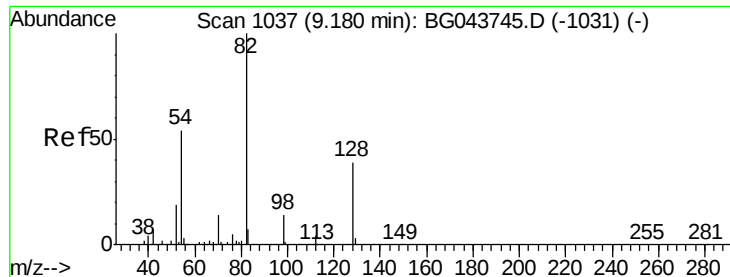
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#22
Acetophenone
Concen: 43.292 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	308792		
71	5.7	6.3	9.5#	
51	28.1	24.7	37.1	
120	24.1	17.7	26.5	





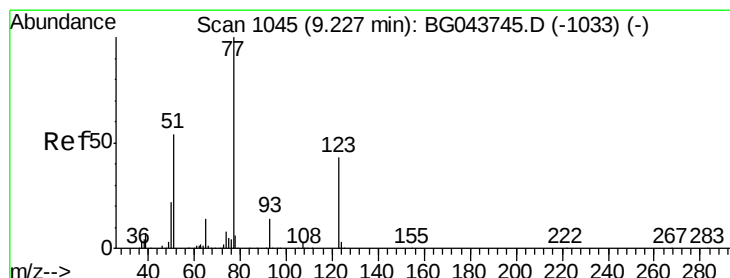
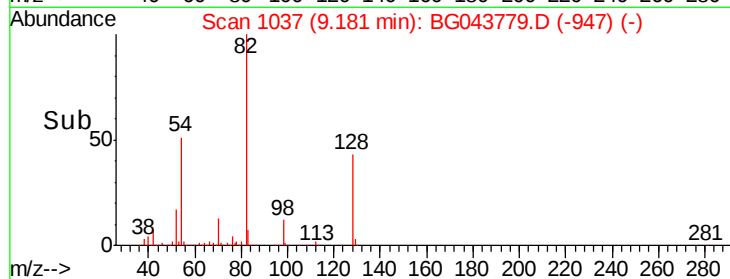
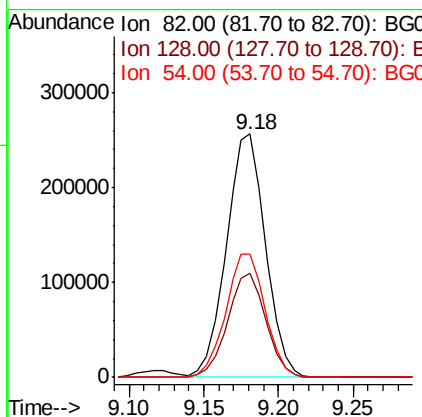
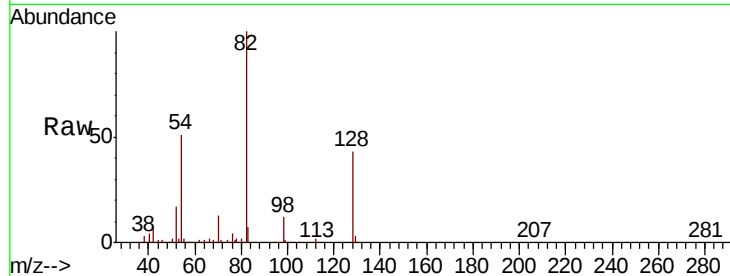
#23
 Nitrobenzene-d5
 Concen: 94.989 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Instrument :
 BNA_G
 ClientSampleId :
 PB125122BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	50.5	42.7	64.1

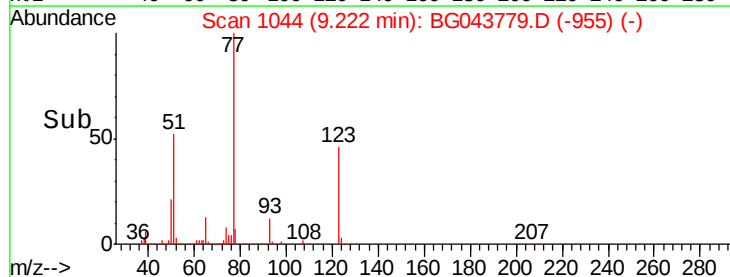
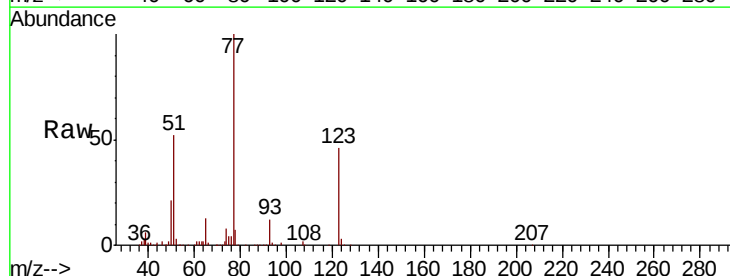
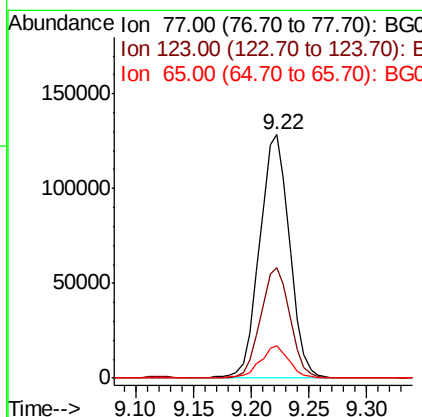
Manual Integrations
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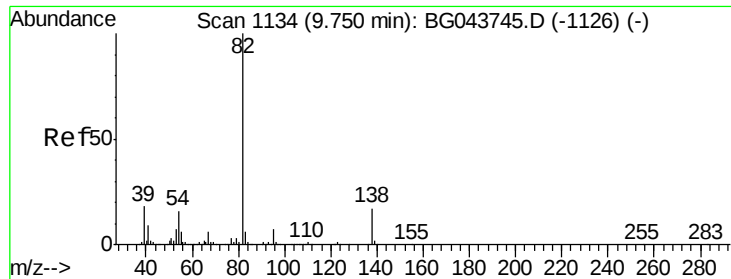
jagrut
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#24
 Nitrobenzene
 Concen: 46.196 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	34.7	52.1
65	13.4	11.0	16.6





#25

Isophorone

Concen: 48.654 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

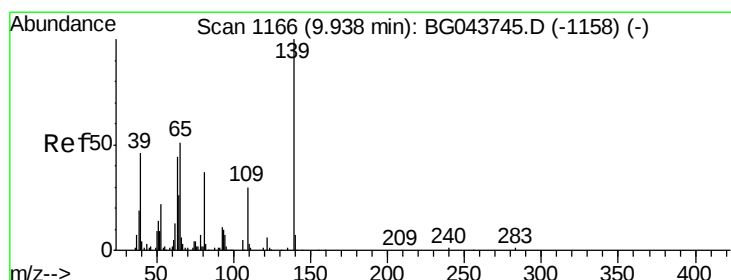
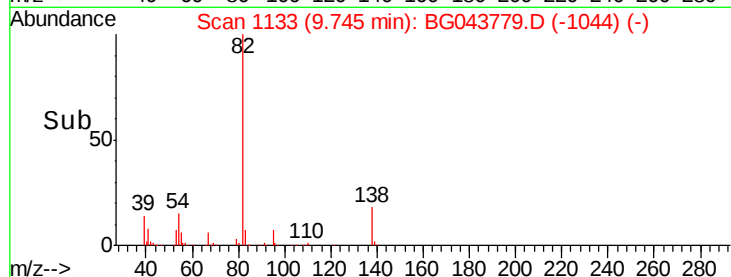
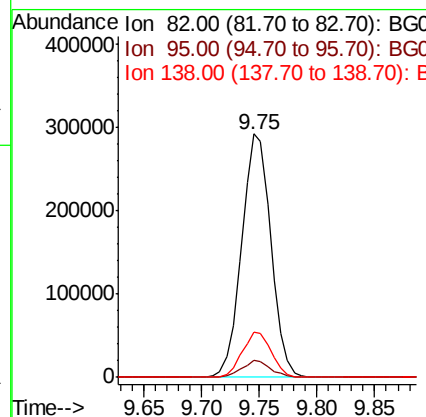
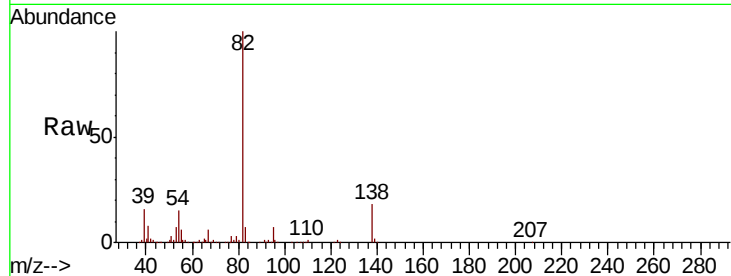
ClientSampleId :

PB125122BS

Tot Ion:	82	Resp:	510631
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.9	8.9
138	18.4	13.3	19.9

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#26

2-Nitrophenol

Concen: 53.356 ng

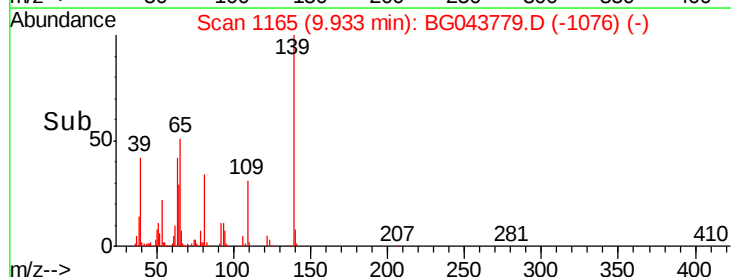
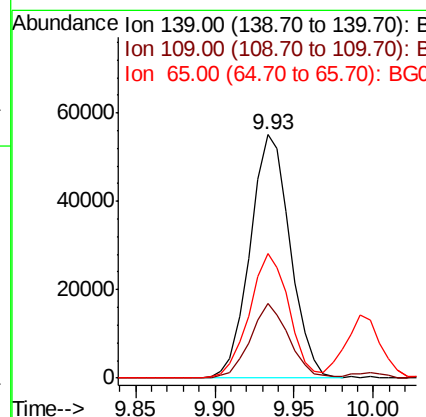
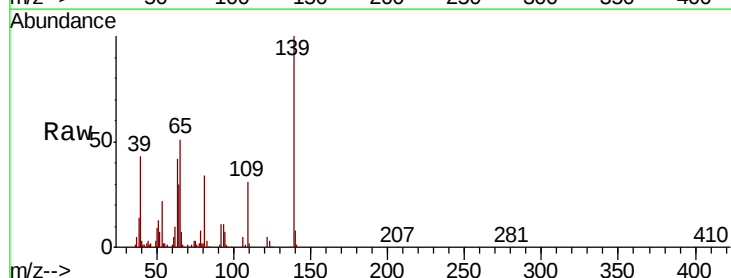
RT: 9.93 min Scan# 1165

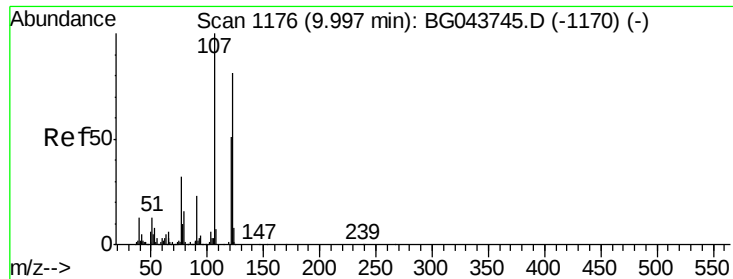
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	139	Resp:	96849
Ion Ratio	Lower	Upper	
139	100		
109	30.5	24.1	36.1
65	51.1	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 61.758 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

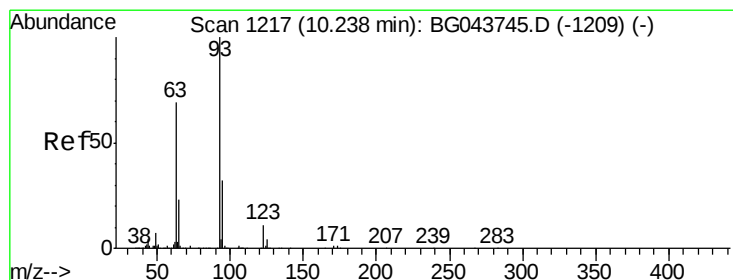
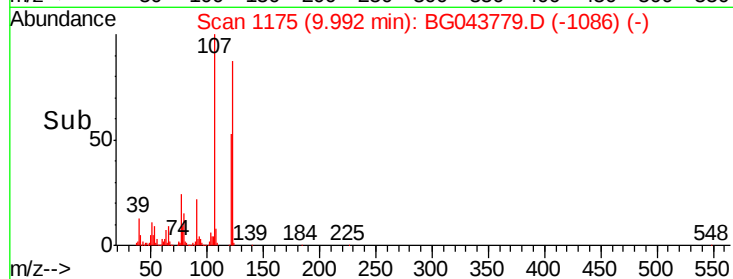
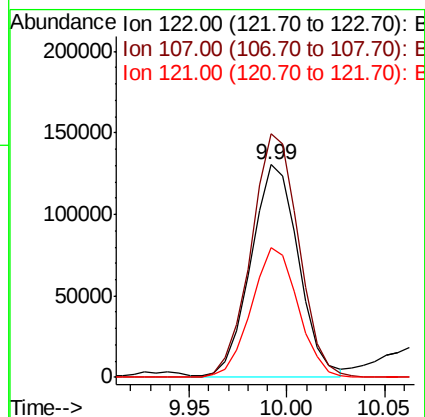
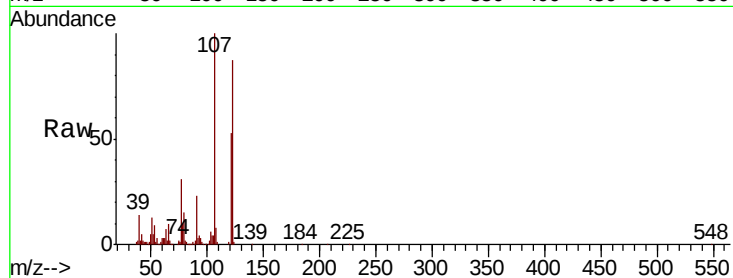
ClientSampleId :

PB125122BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	98.5	147.7
121	60.8	49.6	74.4

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#28

bis(2-Chloroethoxy)methane

Concen: 44.934 ng

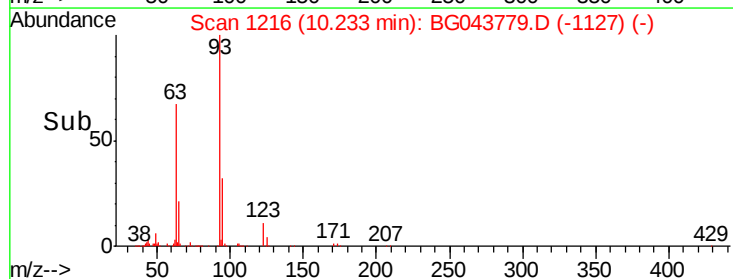
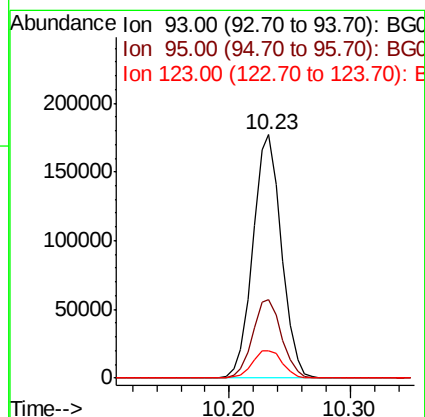
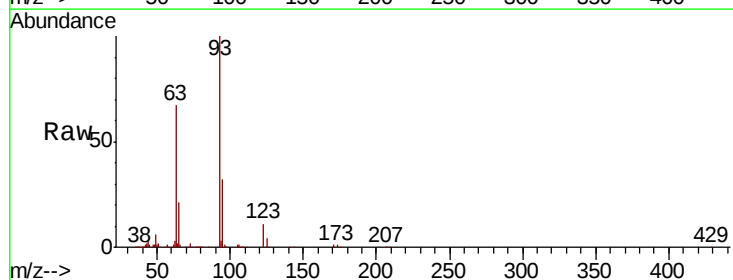
RT: 10.23 min Scan# 1216

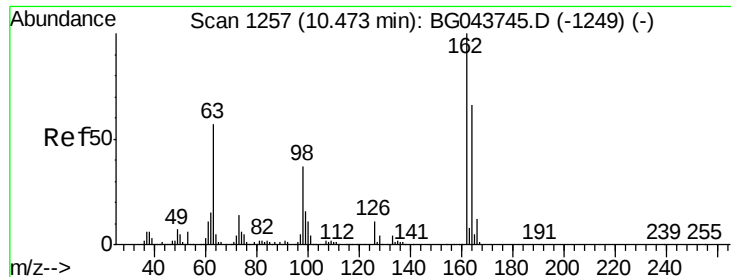
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.4	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 56.538 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

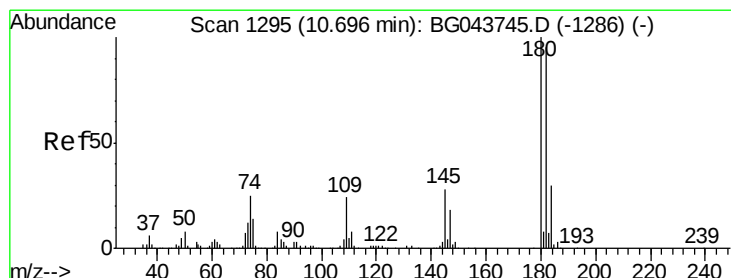
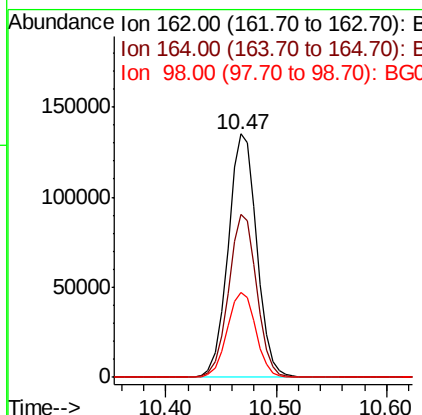
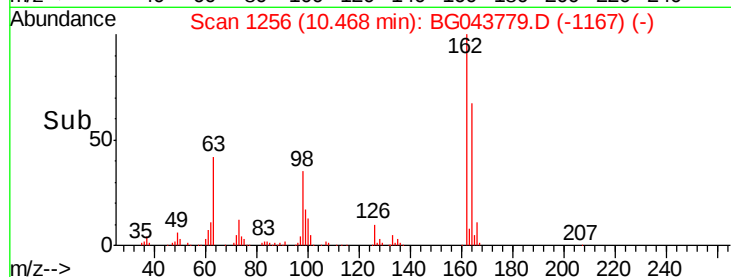
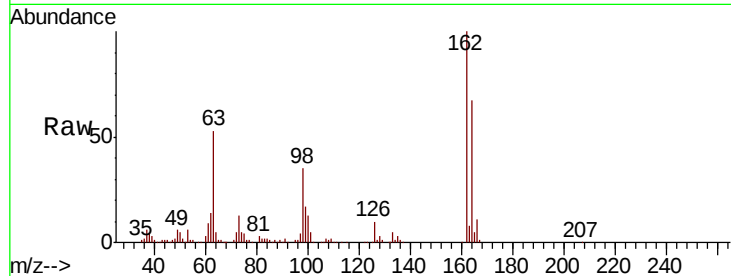
ClientSampleId :

PB125122BS

Tot Ion:	162	Resp:	244977
Ion Ratio	Lower	Upper	
162	100		
164	67.0	46.4	86.4
98	35.1	17.3	57.3

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#30

1,2,4-Trichlorobenzene

Concen: 41.867 ng

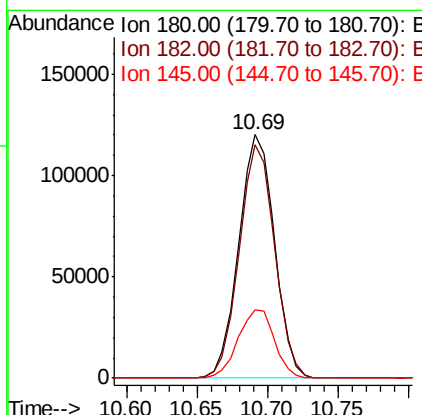
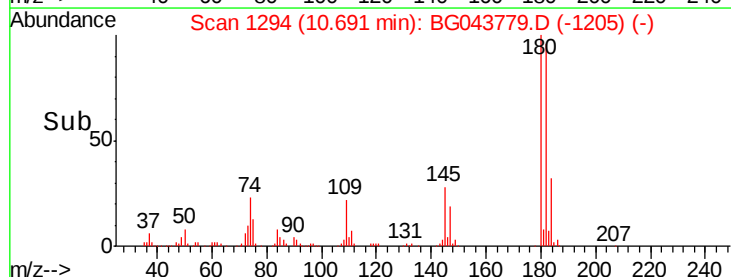
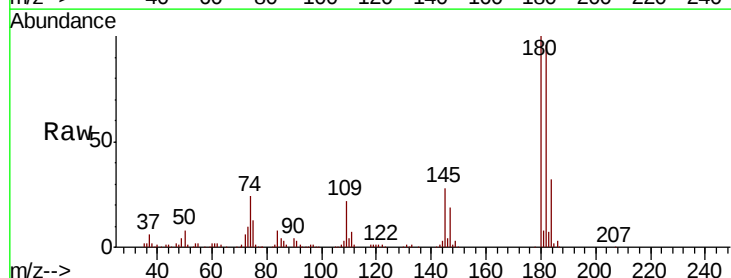
RT: 10.69 min Scan# 1294

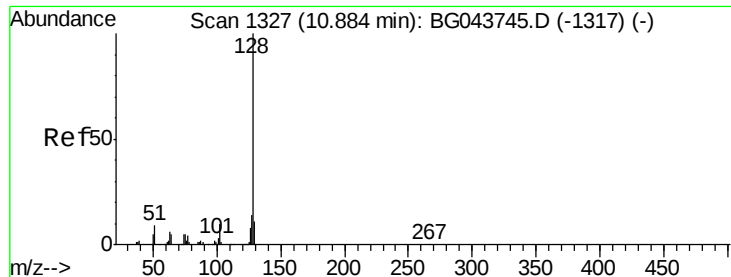
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	180	Resp:	212580
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.8	113.6
145	28.2	22.5	33.7





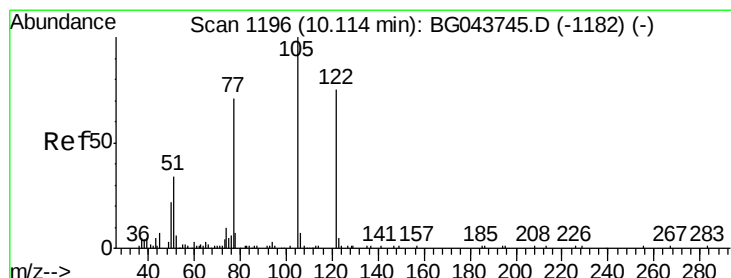
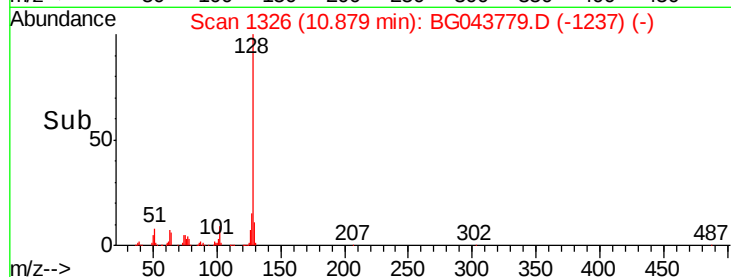
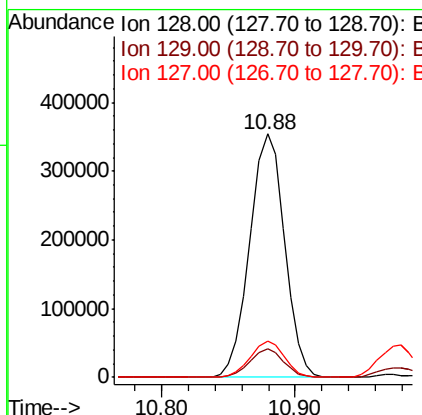
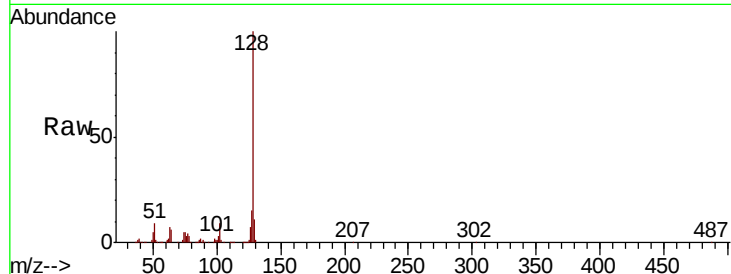
#31
Naphthalene
Concen: 47.754 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	14.7	11.4	17.0

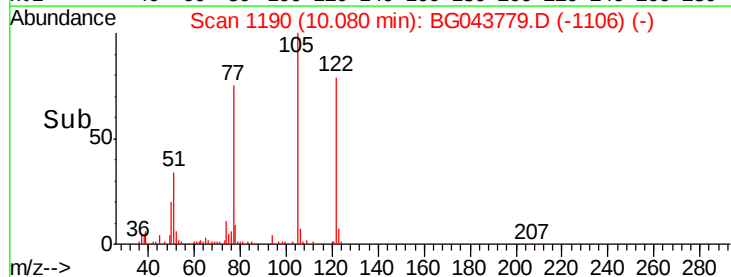
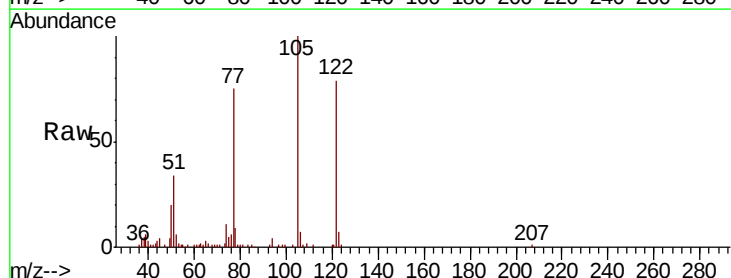
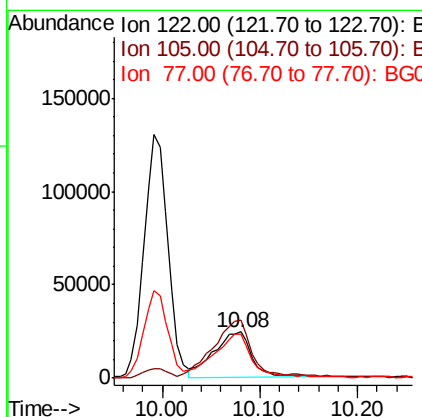
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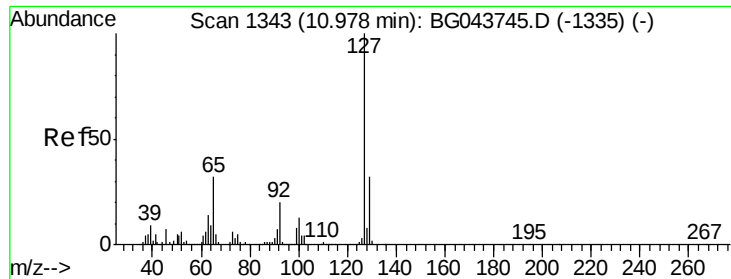
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#32
Benzoic acid
Concen: 25.565 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	109.3	149.3
77	94.7	76.1	116.1





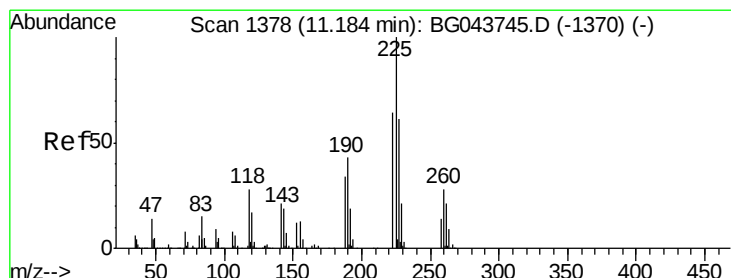
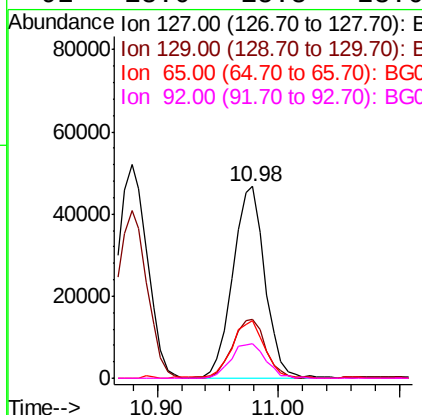
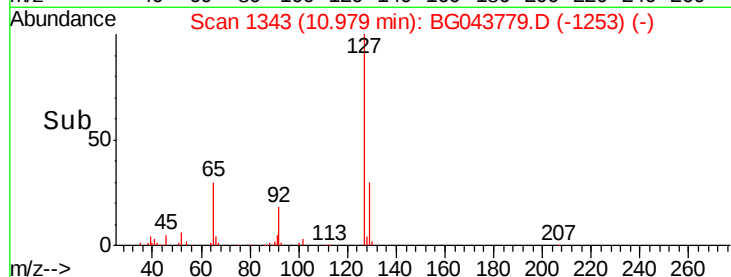
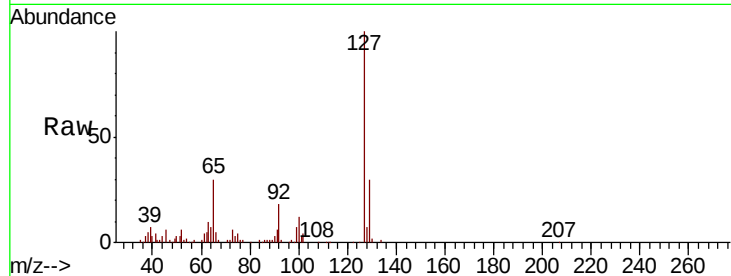
#33
4-Chloroaniline
Concen: 13.438 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion:	127	Resp:	86433
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.9	38.9
65	30.0	25.8	38.8
92	18.0	15.8	23.6

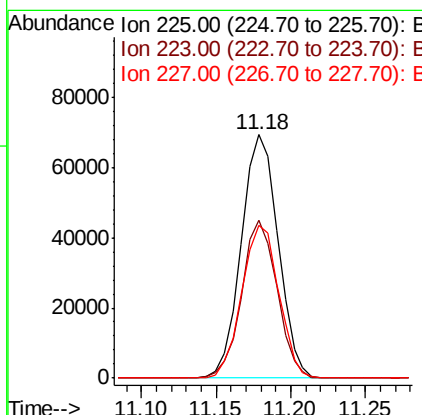
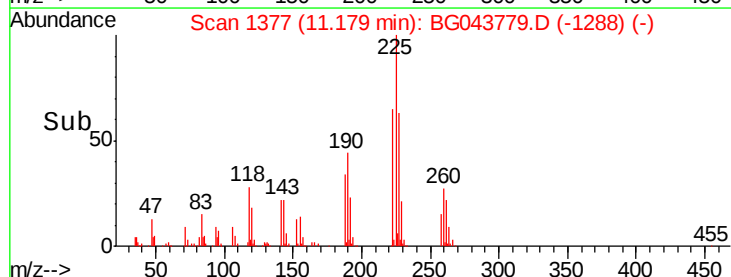
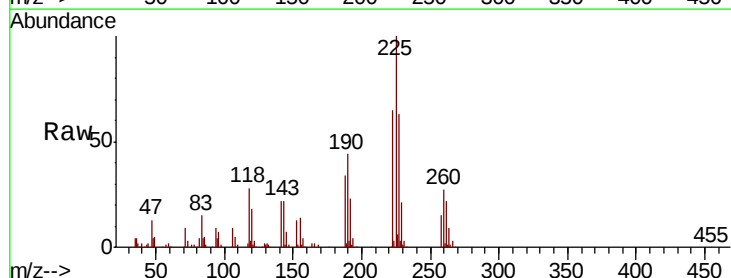
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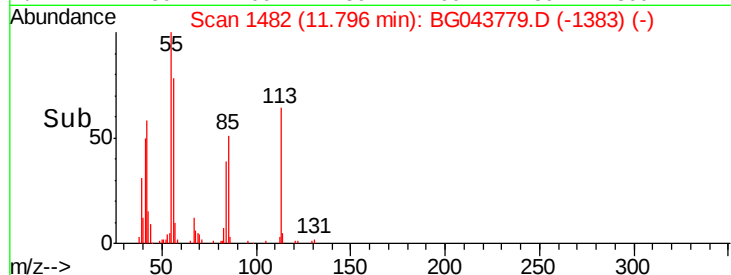
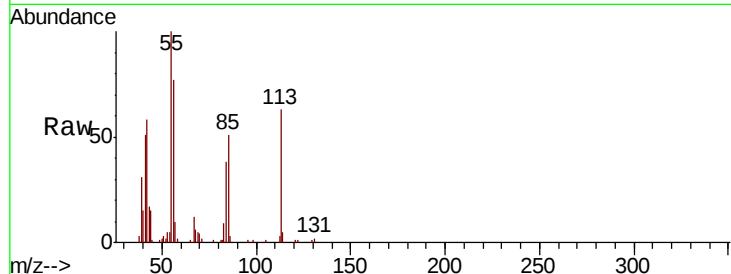
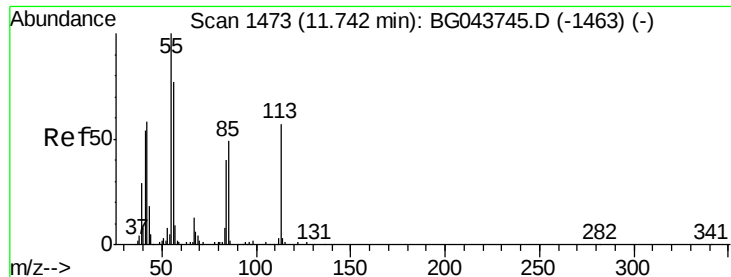
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#34
Hexachlorobutadiene
Concen: 35.458 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:	225	Resp:	118387
Ion Ratio	Lower	Upper	
225	100		
223	64.8	51.2	76.8
227	63.0	51.0	76.4





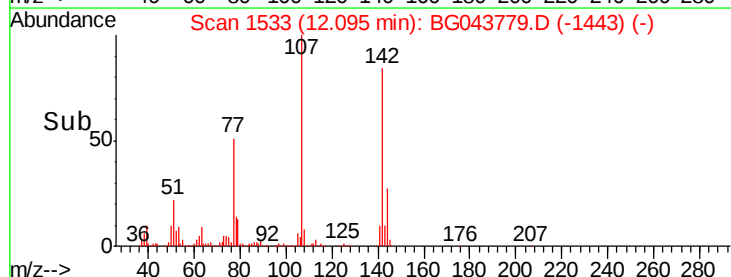
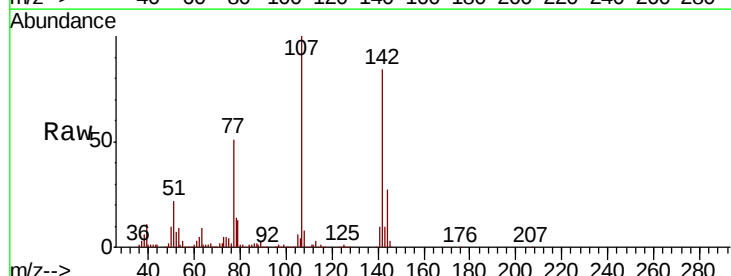
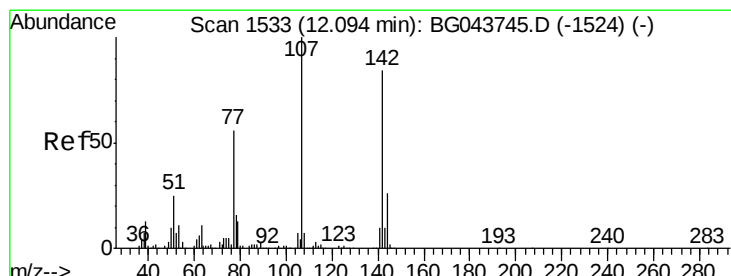
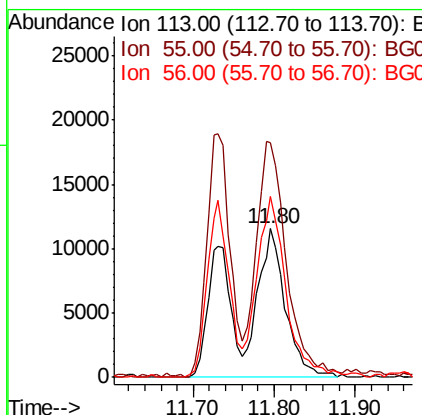
#35
Caprolactam
Concen: 26.790 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. 0.05 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleID :
PB125122BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.2	160.9	200.9#
56	121.8	116.8	156.8

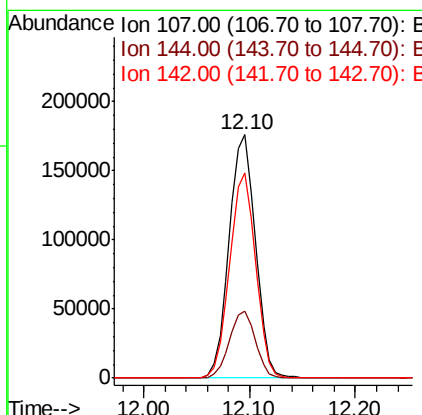
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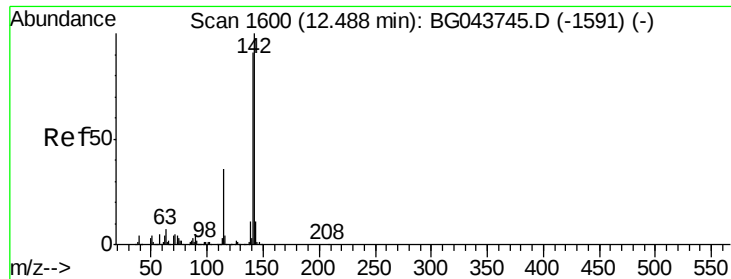
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#36
4-Chloro-3-methylphenol
Concen: 62.381 ng
RT: 12.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.0	31.4
142	84.5	67.0	100.4





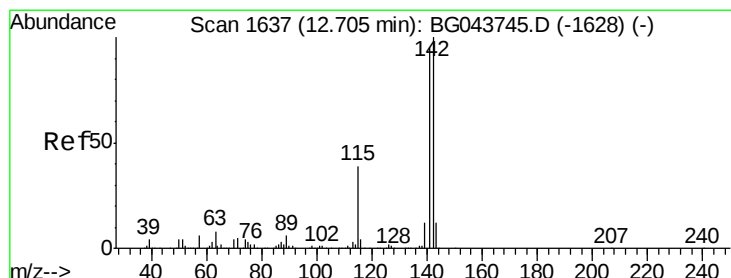
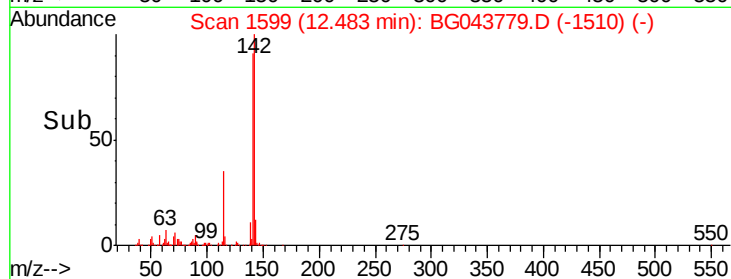
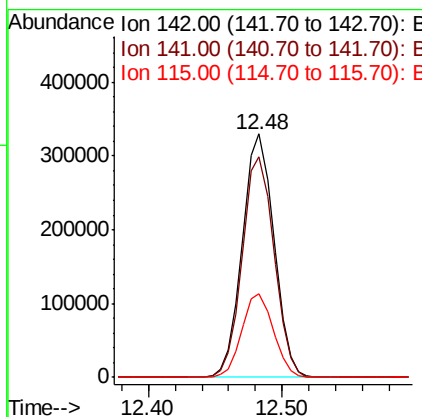
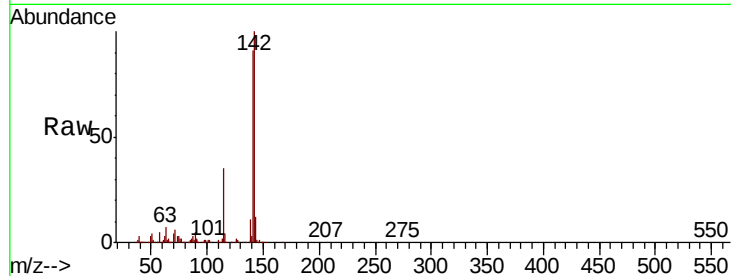
#37
2-Methylnaphthalene
Concen: 53.691 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.8	109.2
115	34.6	28.9	43.3

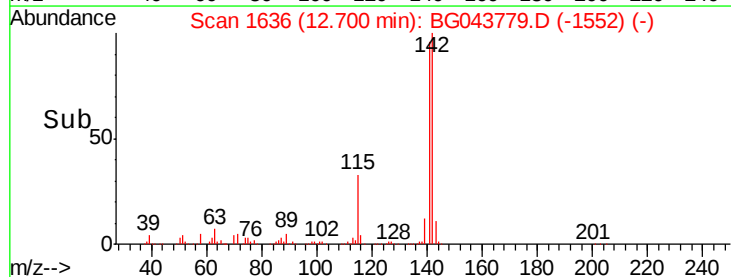
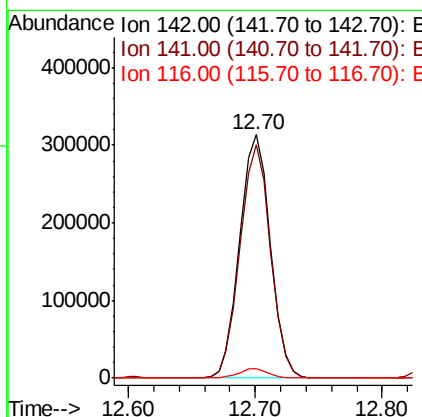
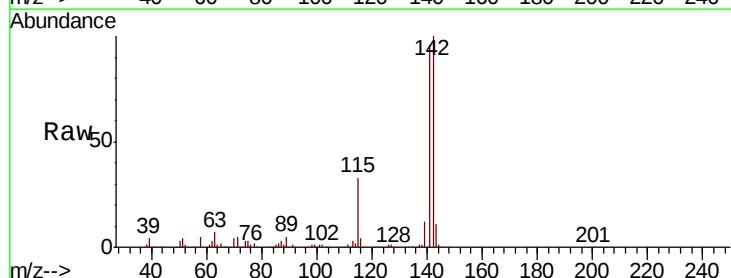
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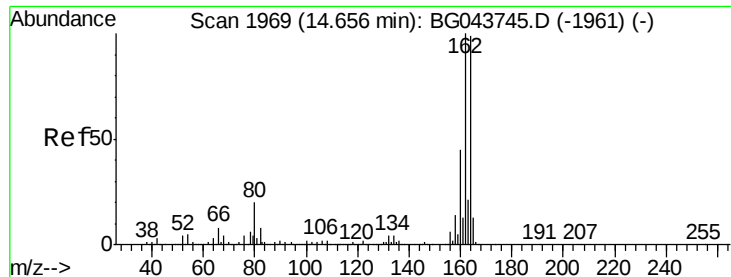
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#38
1-Methylnaphthalene
Concen: 55.017 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.8	113.8
116	3.7	3.4	5.0





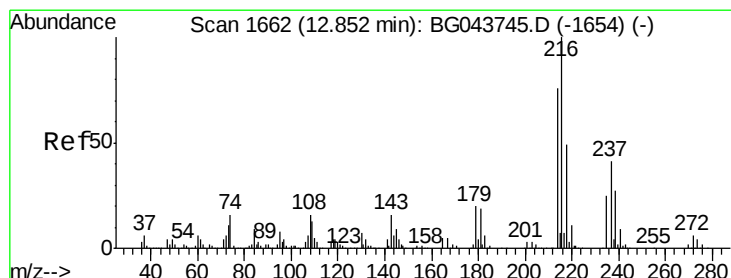
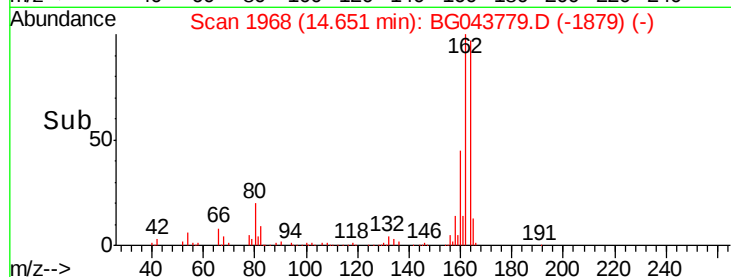
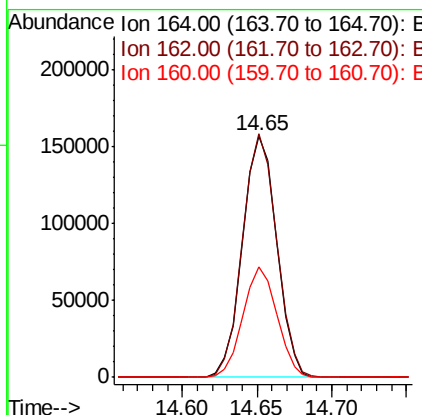
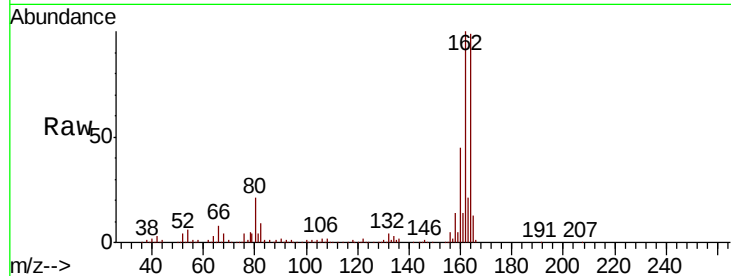
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.5	36.3	54.5

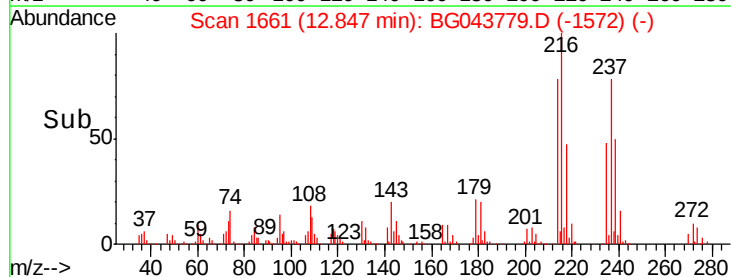
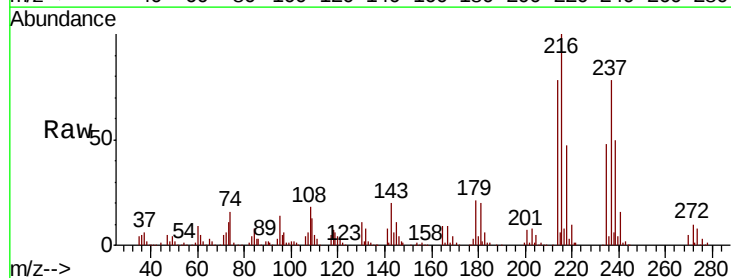
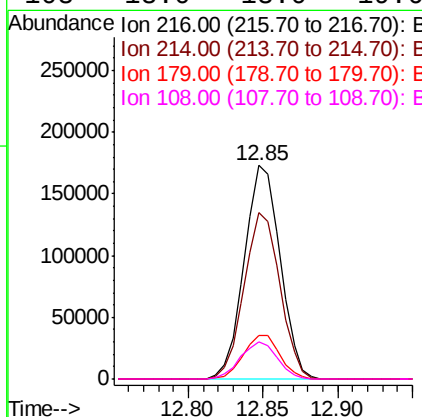
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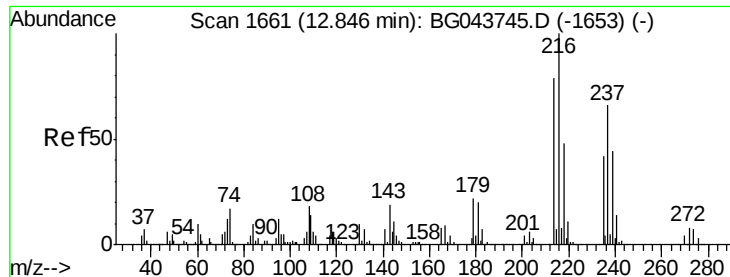
jagrut
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.346 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.0	93.0
179	20.9	16.3	24.5
108	18.0	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 61.391 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

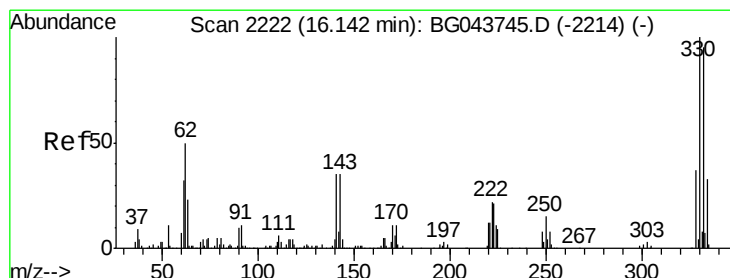
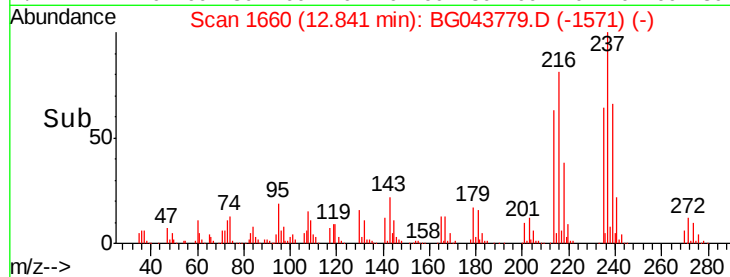
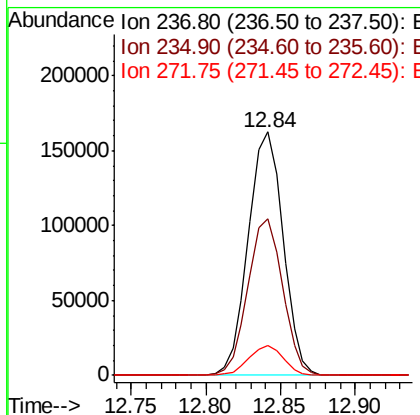
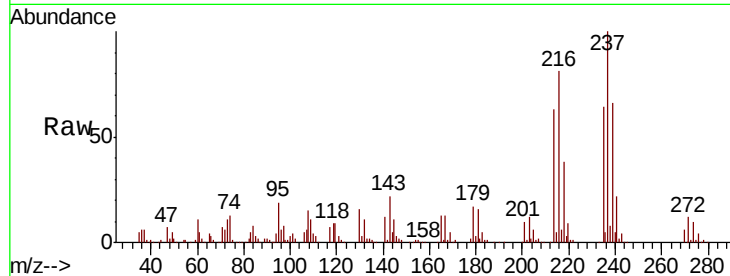
ClientSampleId :

PB125122BS

Tot Ion:	237	Resp:	262542
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.8	83.8
272	12.5	0.0	31.8

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#42

2,4,6-Tribromophenol

Concen: 149.252 ng

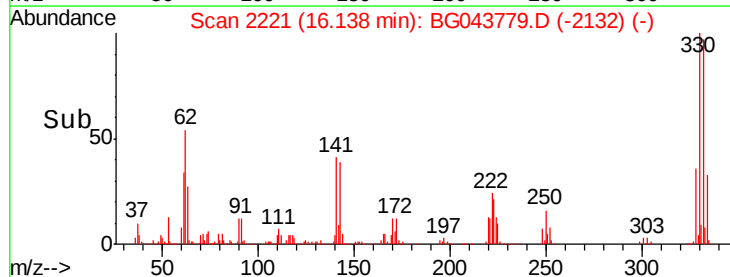
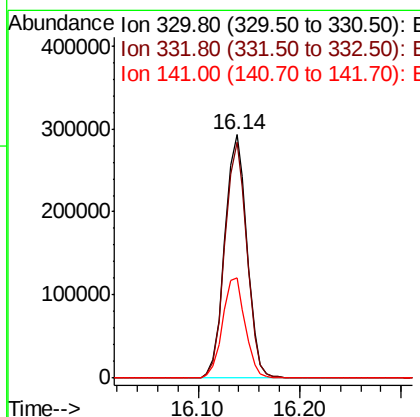
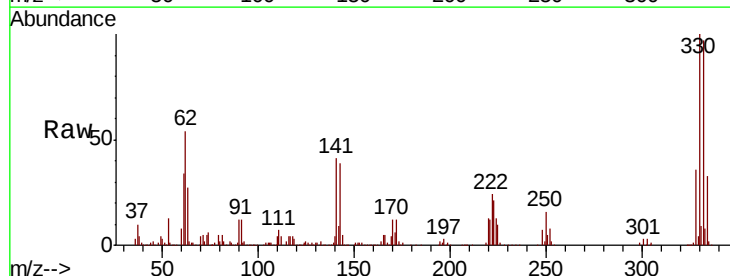
RT: 16.14 min Scan# 2221

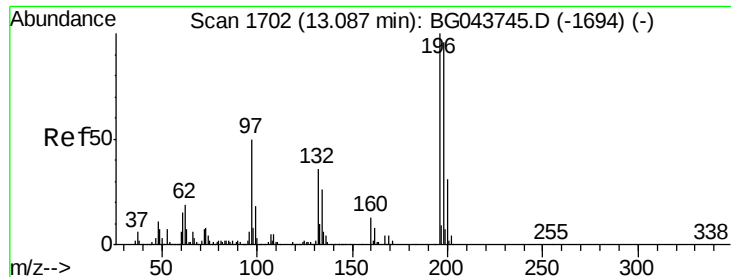
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	330	Resp:	447821
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	42.0	31.4	47.2





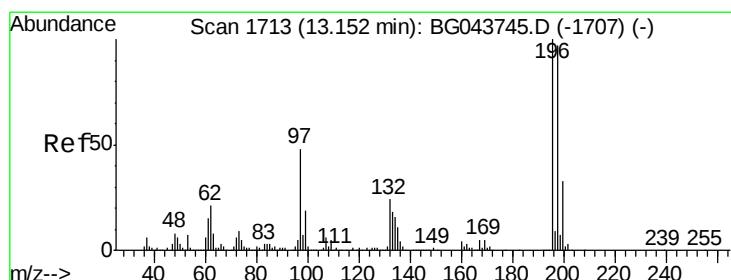
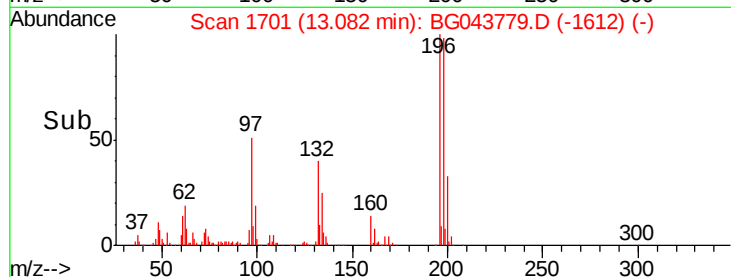
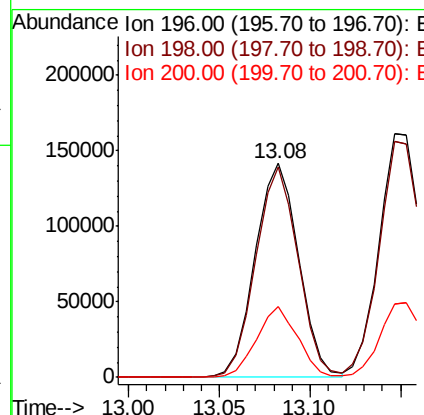
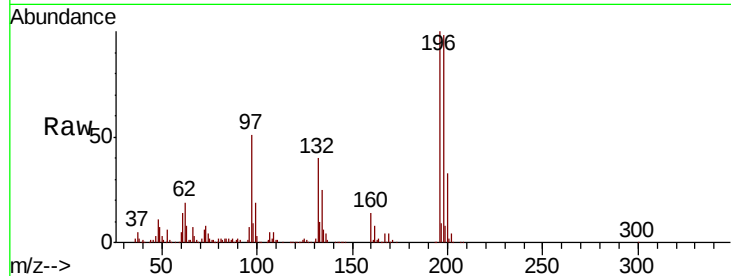
#43
2,4,6-Trichlorophenol
Concen: 46.362 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	236018		
198	98.5	76.5	114.7	
200	33.2	24.6	36.8	

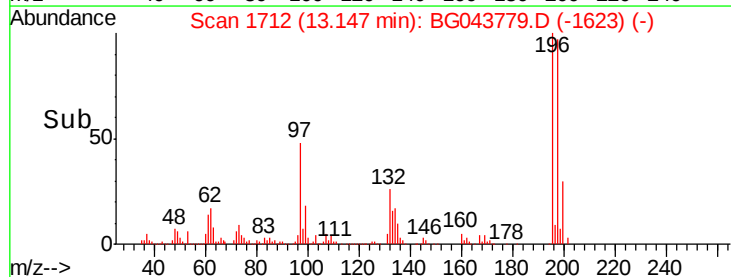
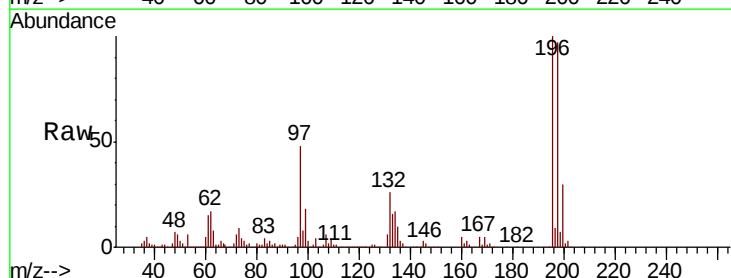
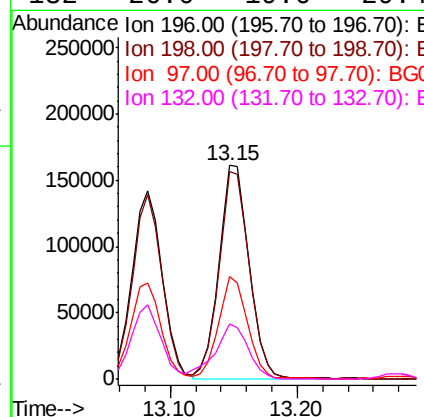
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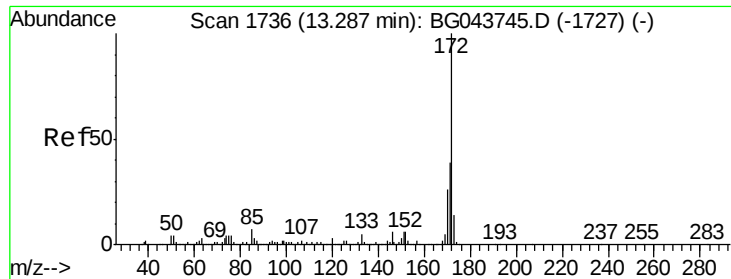
jagrut
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#44
2,4,5-Trichlorophenol
Concen: 50.415 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267004		
198	97.0	78.2	117.2	
97	47.8	39.1	58.7	
132	26.0	19.6	29.4	





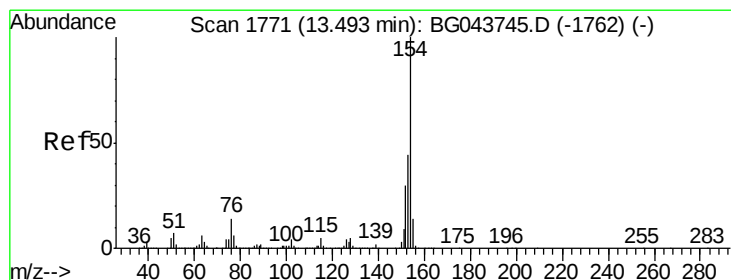
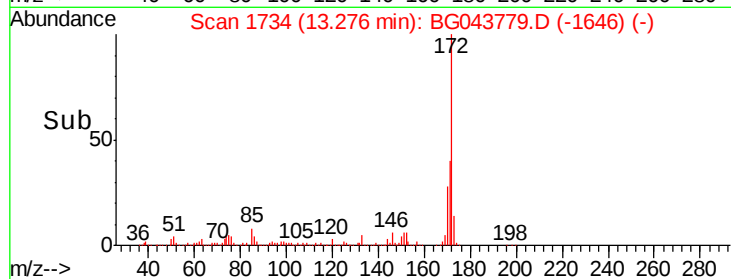
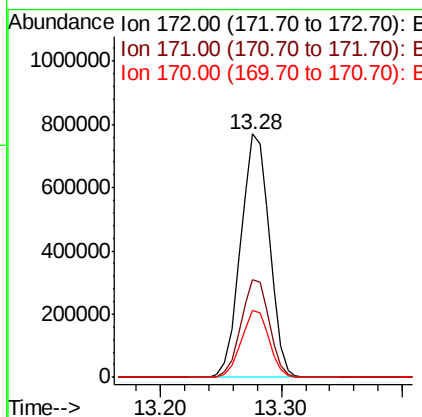
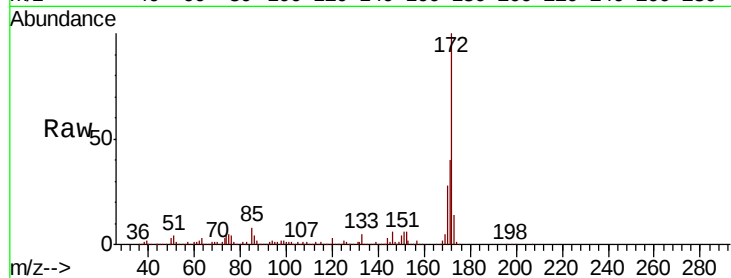
#45
2-Fluorobiphenyl
Concen: 84.338 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	39.9	31.0	46.6	
170	27.7	21.0	31.4	

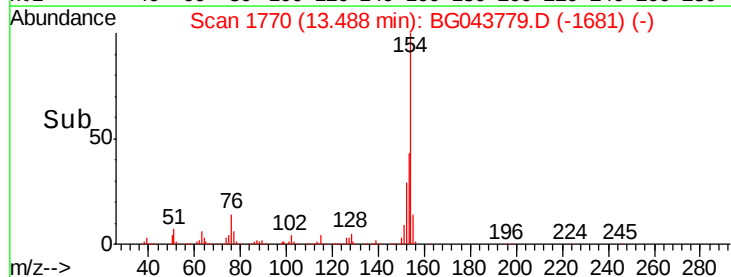
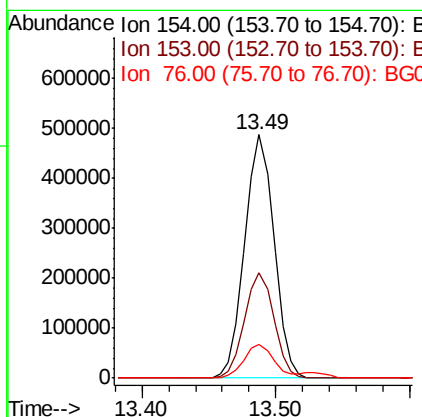
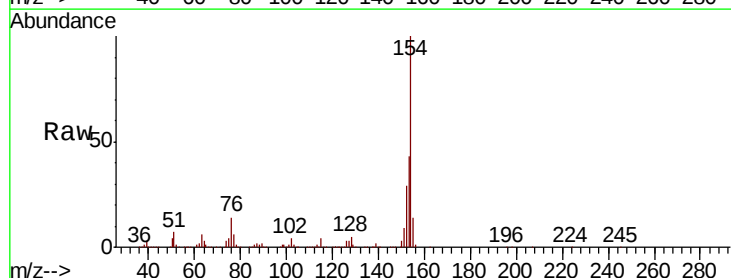
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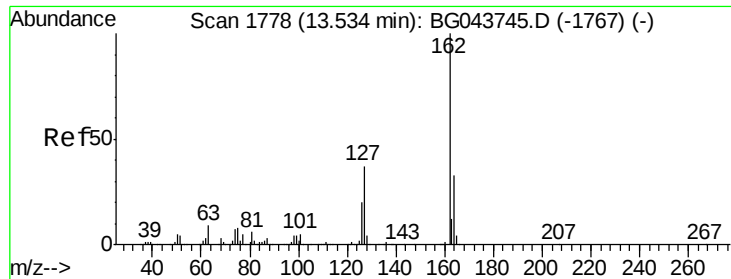
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#46
1,1'-Biphenyl
Concen: 42.974 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.2	23.5	63.5	
76	13.9	0.0	33.6	





#47

2-Chloronaphthalene

Concen: 42.276 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

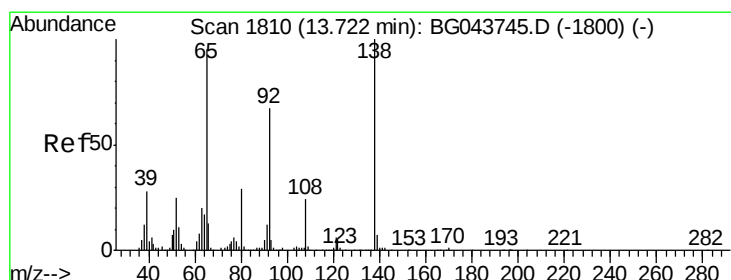
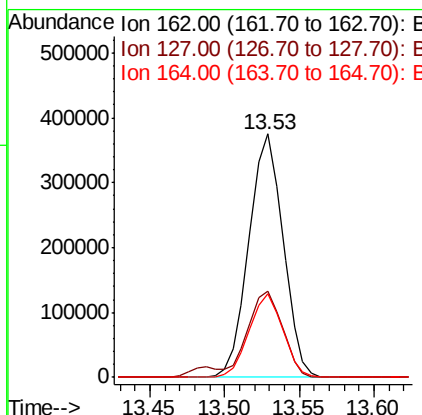
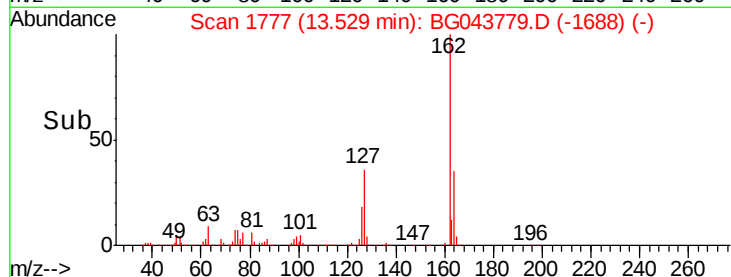
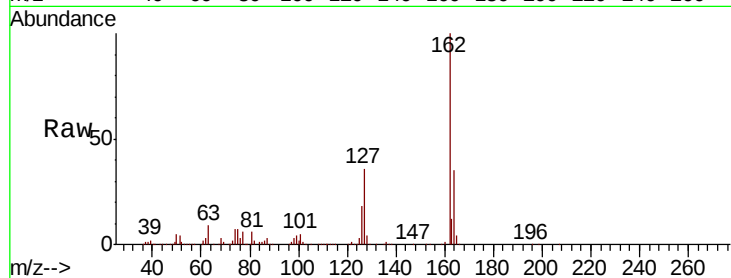
ClientSampleId :

PB125122BS

Tot Ion:	162	Resp:	594472
Ion Ratio	Lower	Upper	
162	100		
127	35.6	30.0	45.0
164	34.6	26.4	39.6

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#48

2-Nitroaniline

Concen: 52.047 ng

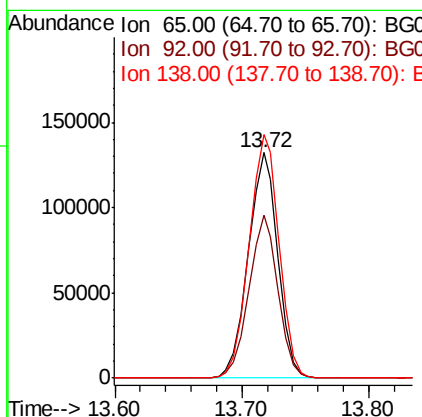
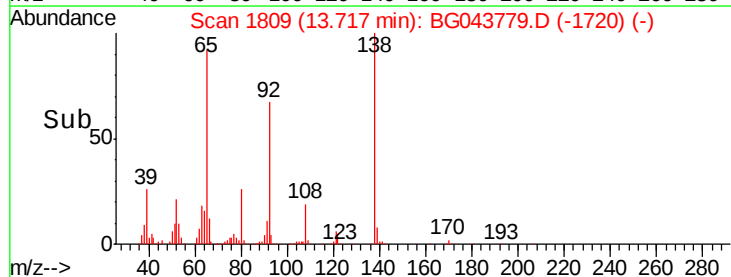
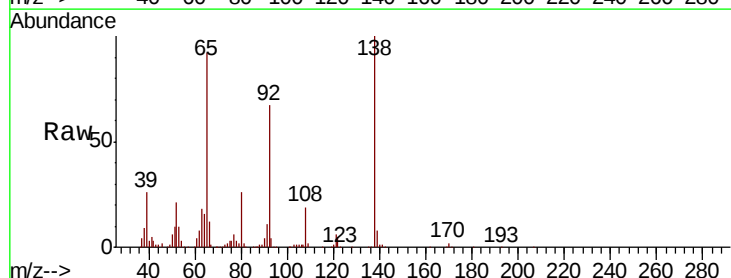
RT: 13.72 min Scan# 1809

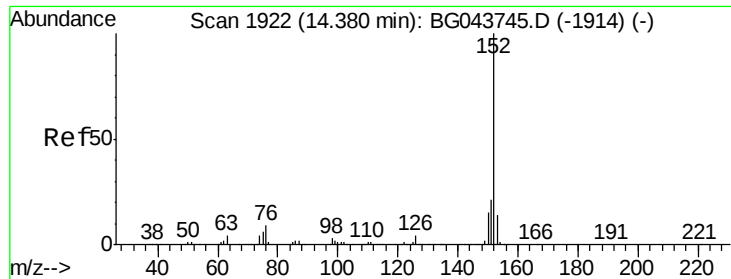
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	65	Resp:	214265
Ion Ratio	Lower	Upper	
65	100		
92	72.3	56.1	84.1
138	108.1	84.2	126.4





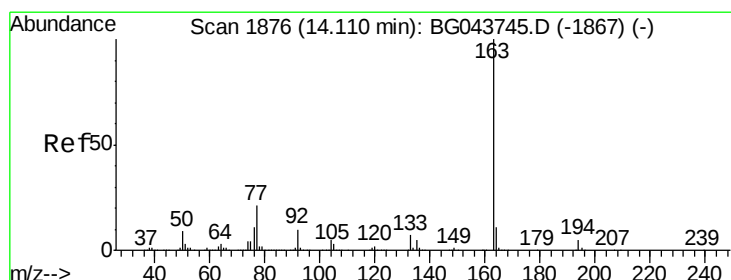
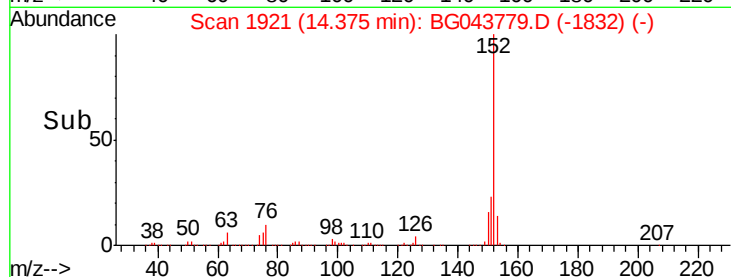
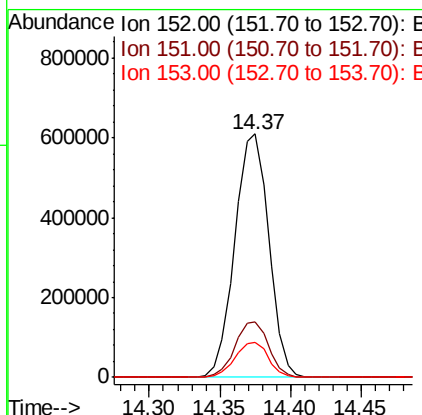
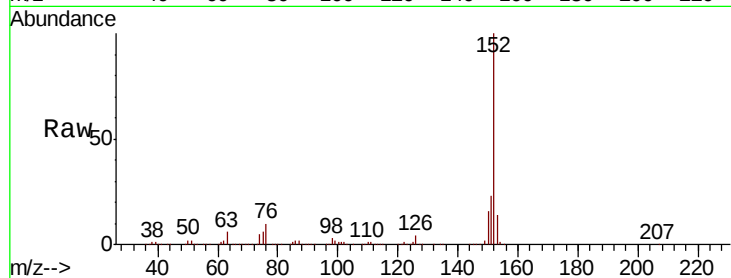
#49
Acenaphthylene
Concen: 46.474 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	22.8	17.0	25.6	
153	14.3	10.8	16.2	

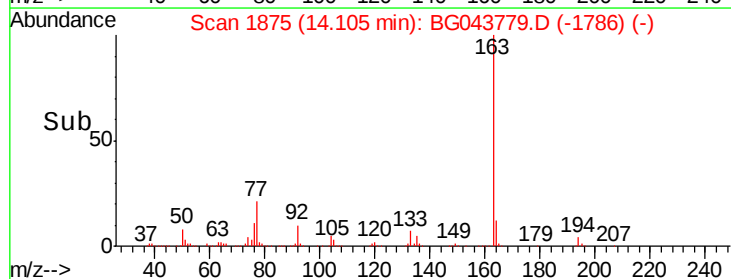
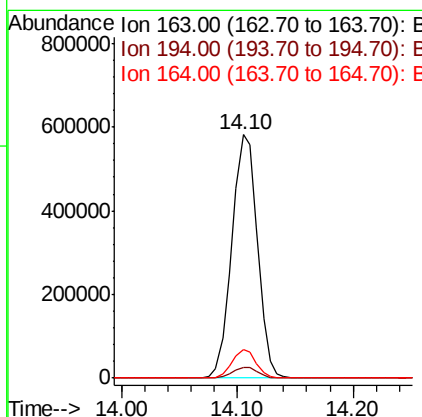
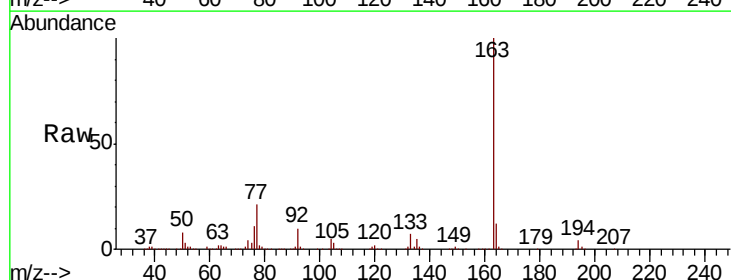
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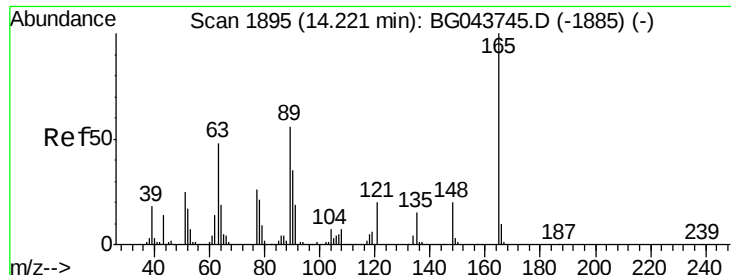
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#50
Dimethylphthalate
Concen: 45.186 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.4	3.7	5.5	
164	11.6	8.7	13.1	





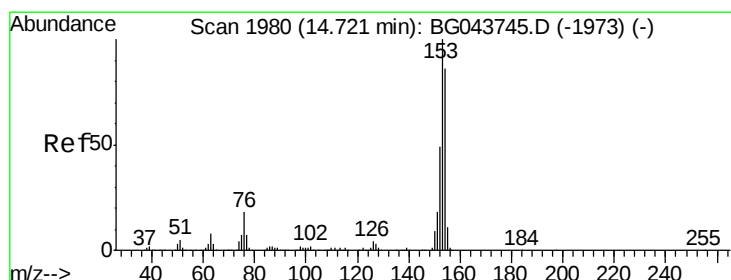
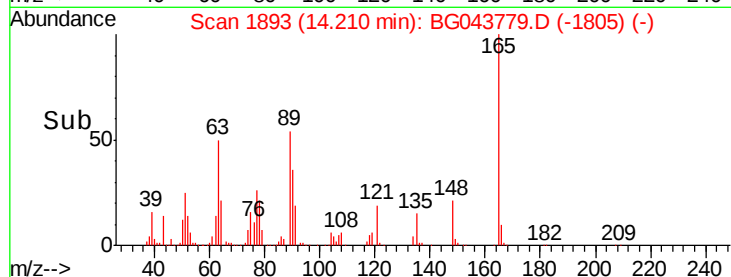
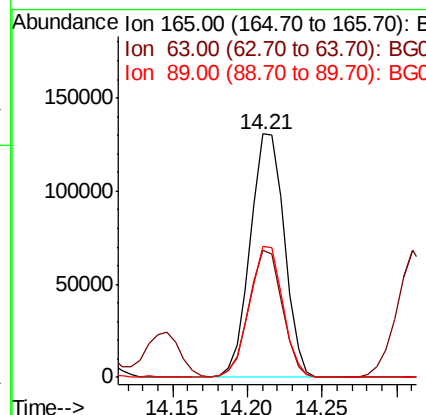
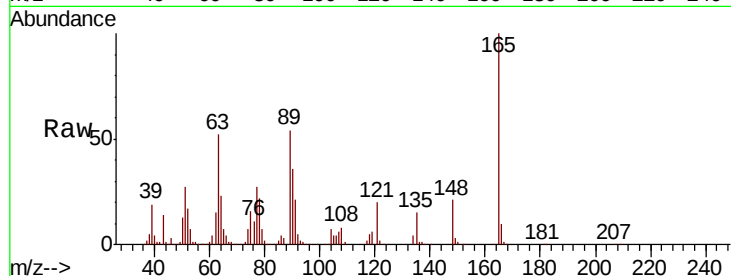
#51
2,6-Dinitrotoluene
Concen: 56.391 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206364		
63	52.3		43.4	65.2
89	54.0		44.6	67.0

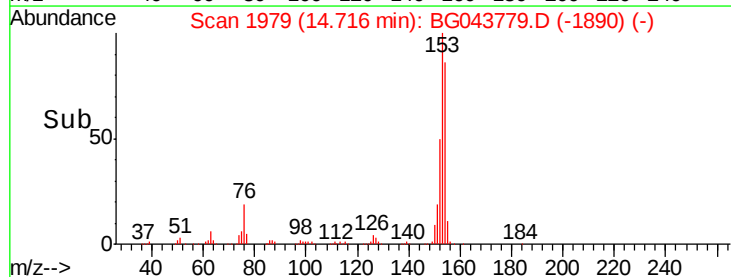
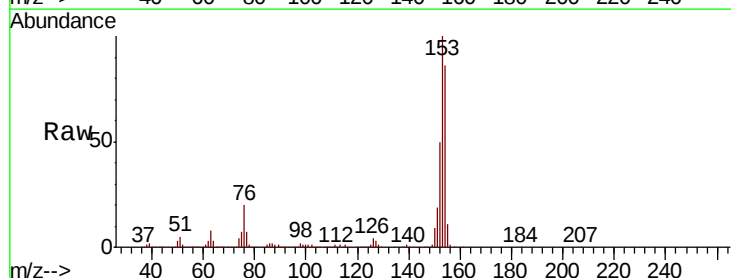
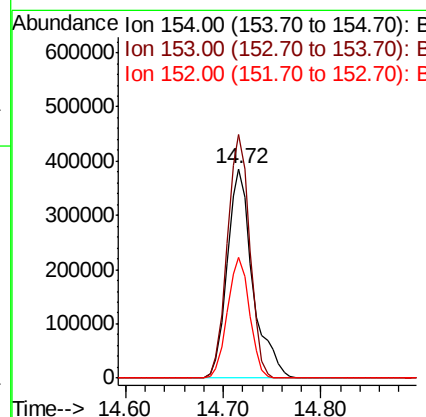
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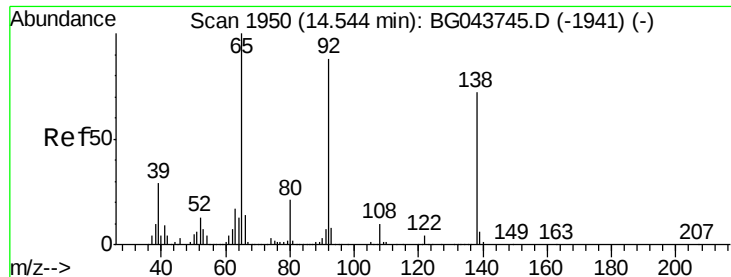
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#52
Acenaphthene
Concen: 49.430 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	699346		
153	116.2		92.9	139.3
152	57.6		45.2	67.8





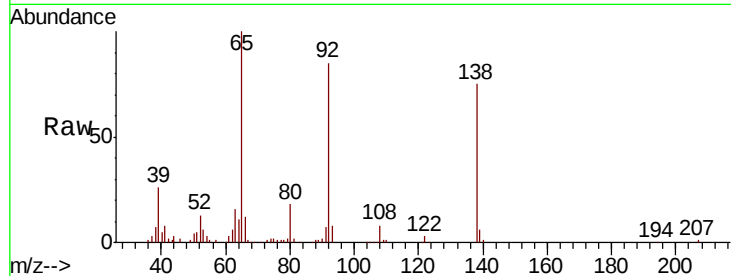
#53
3-Nitroaniline
Concen: 18.794 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	11.7	17.5#
92	113.1	97.2	145.8

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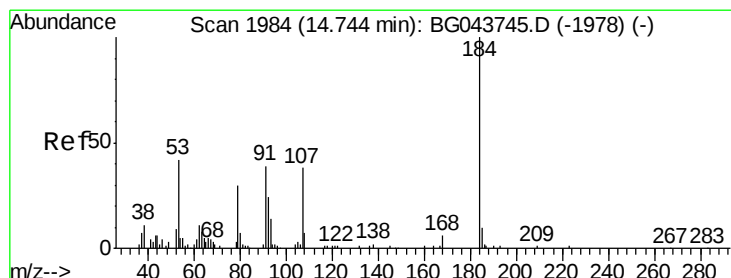
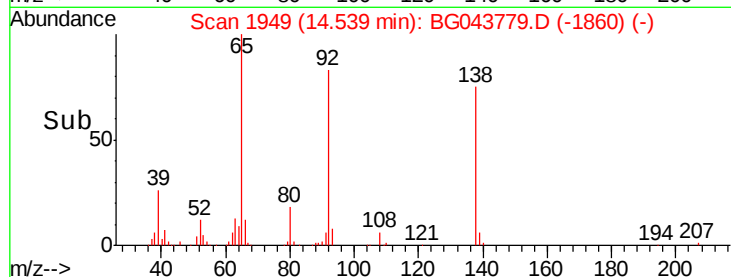
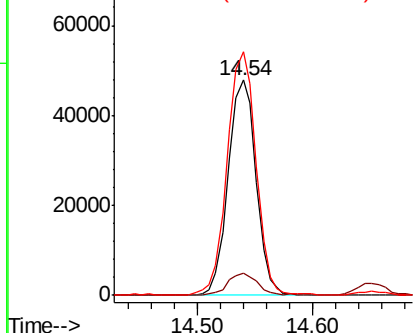


Abundance

Ion 138.00 (137.70 to 138.70): E

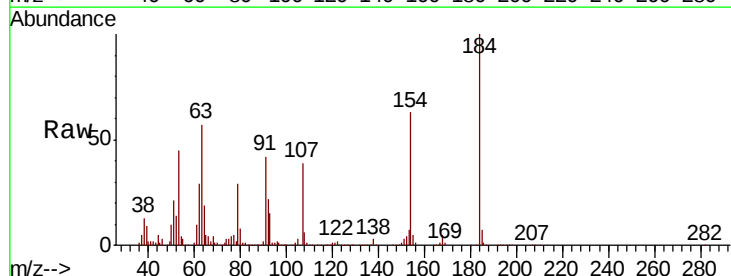
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 109.455 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	52.4	78.6
154	63.3	92.8	139.2#

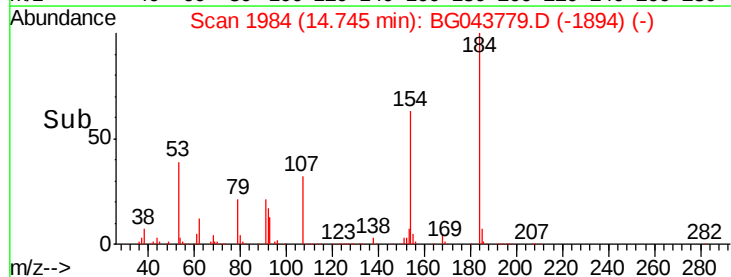
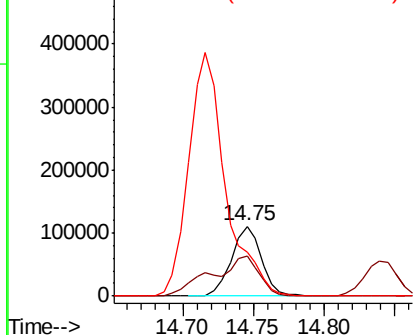


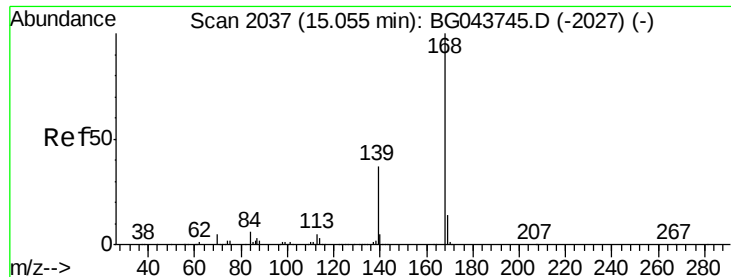
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 46.768 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

ClientSampleId :

PB125122BS

Tot Ion:168 Resp: 1030824

Ion Ratio Lower Upper

168 100

139 36.7 29.4 44.2

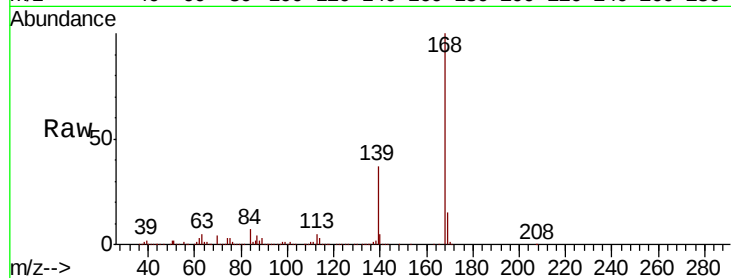
169 14.7 11.3 16.9

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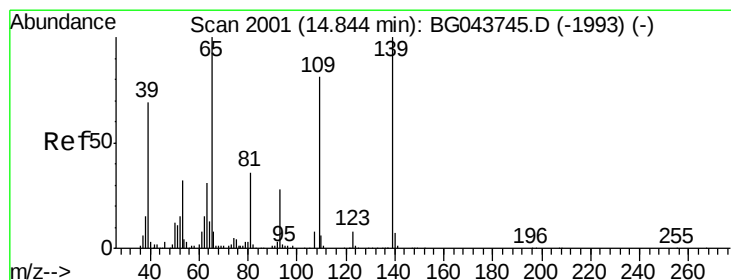
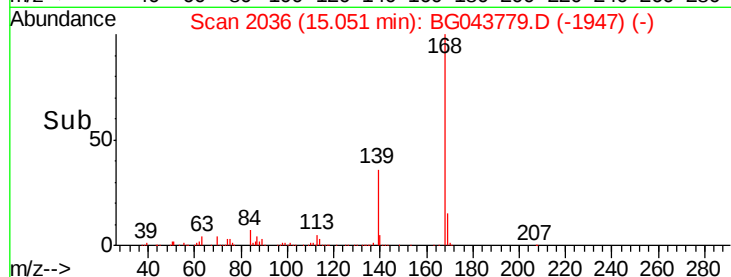
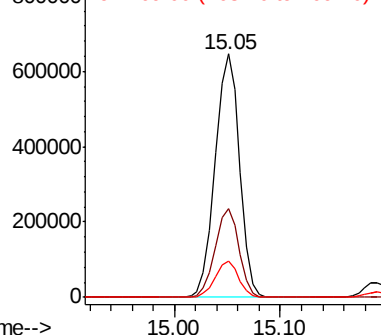


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.334 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

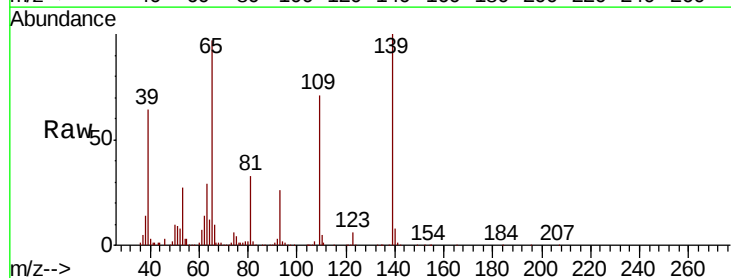
Tgt Ion:139 Resp: 321640

Ion Ratio Lower Upper

139 100

109 70.9 61.4 101.4

65 96.7 80.3 120.3

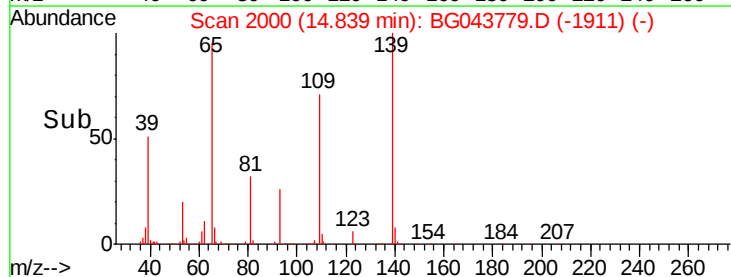
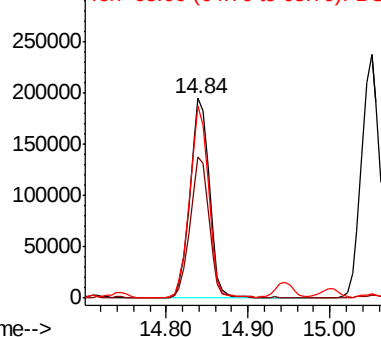


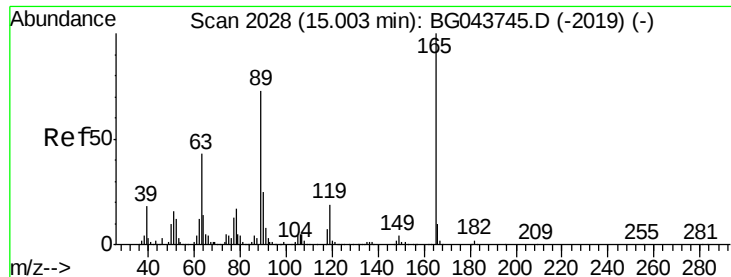
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





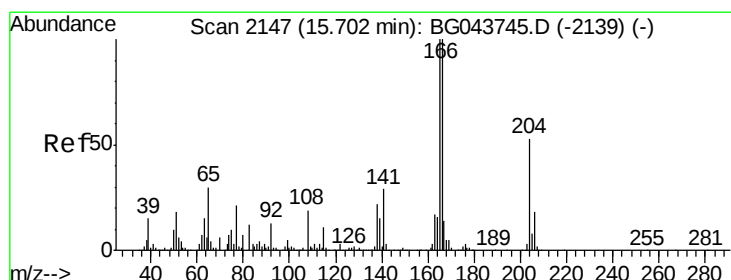
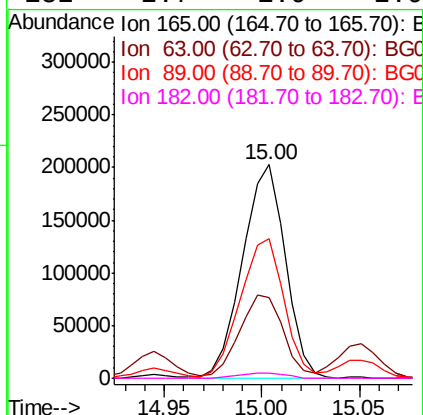
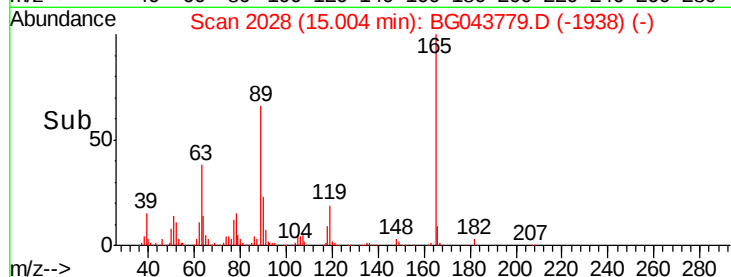
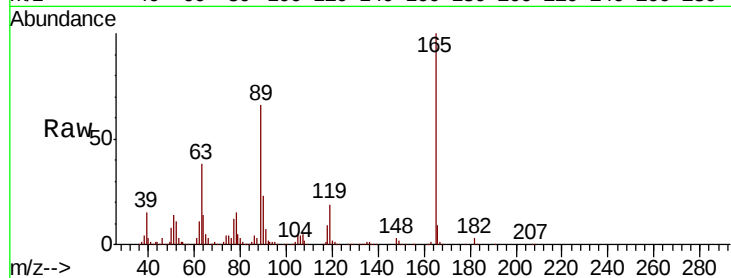
#57
2,4-Dinitrotoluene
Concen: 60.383 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		306450		
63	38.0	34.6	51.8		
89	65.5	58.3	87.5		
182	2.7	1.9	2.9		

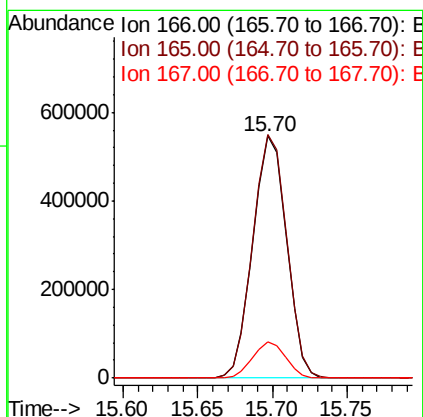
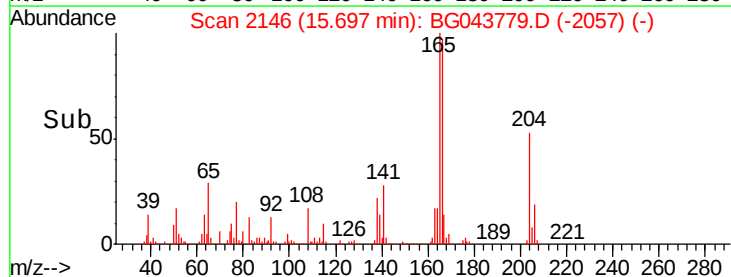
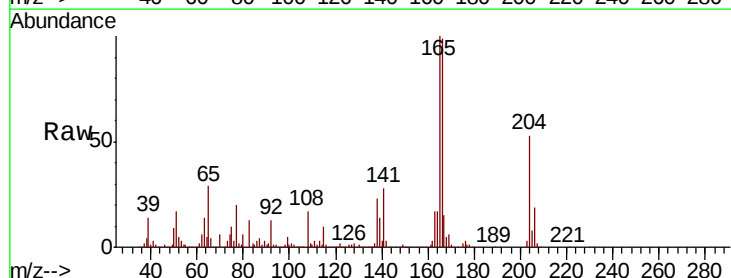
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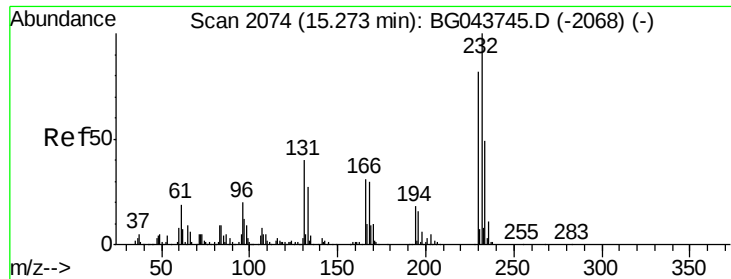
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#58
Fluorene
Concen: 47.199 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		853147		
165	100.7	79.9	119.9		
167	14.8	11.4	17.0		





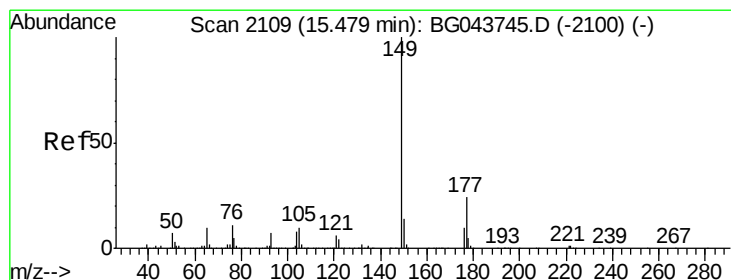
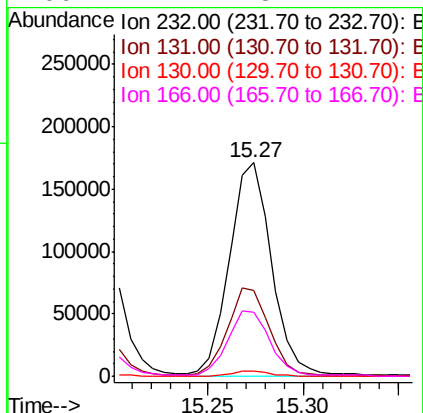
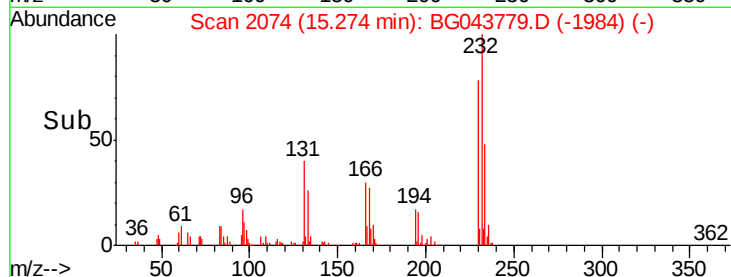
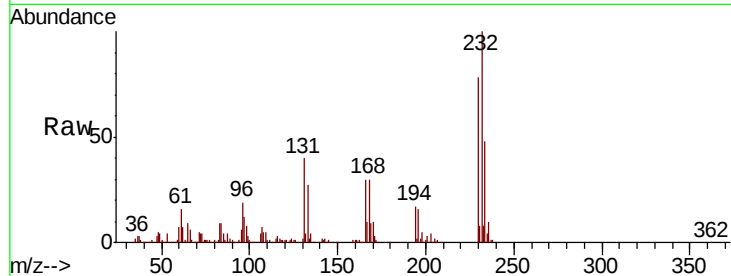
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.074 ng m
RT: 15.27 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	266363		
131	35.0		27.0	40.6
130	2.1		1.6	2.4
166	24.1		18.2	27.2

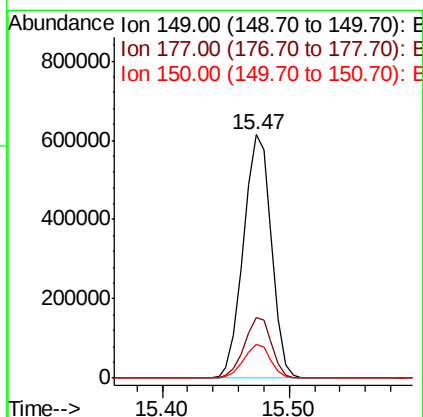
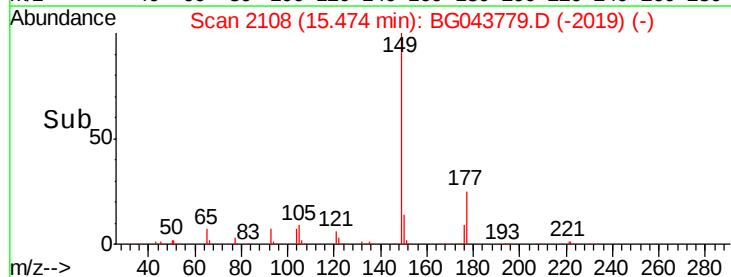
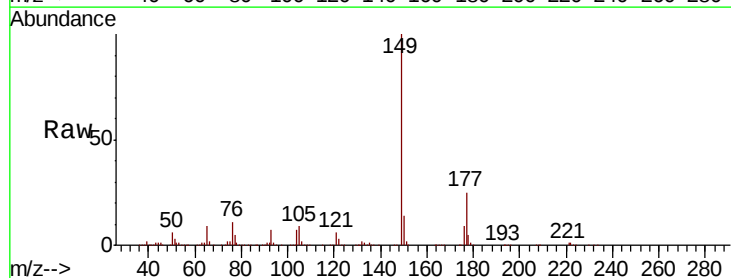
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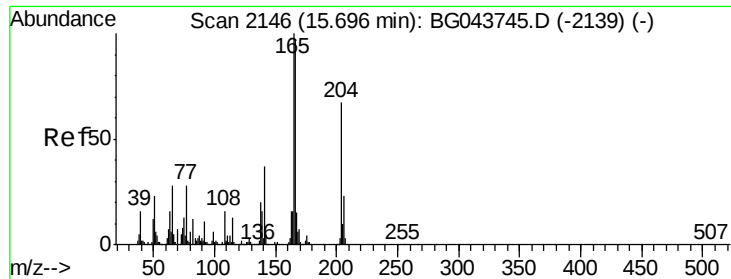
jagrut
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#60
Diethylphthalate
Concen: 47.031 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	938930		
177	24.9		19.3	28.9
150	13.8		11.1	16.7





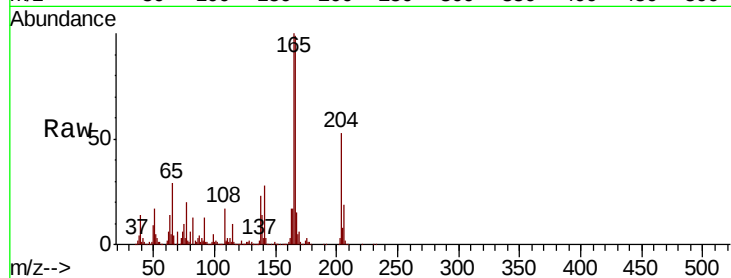
#61
4-Chlorophenyl-phenylether
Concen: 44.996 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampled :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.0	27.4	41.0	
141	52.9	44.3	66.5	

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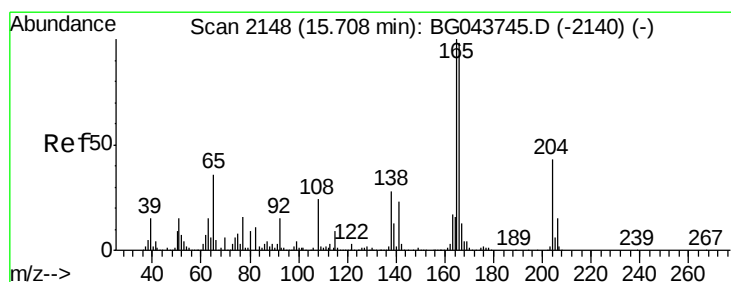
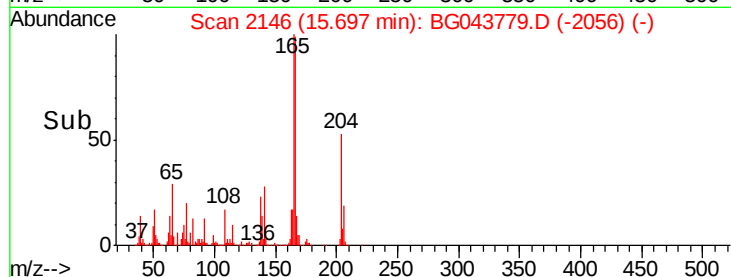
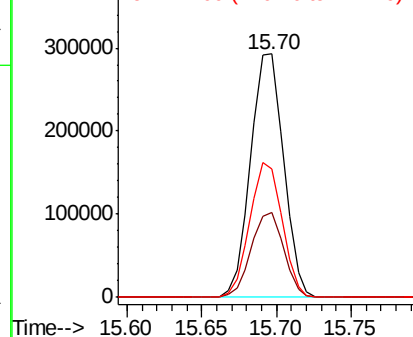


Abundance

Ion 204.00 (203.70 to 204.70): E

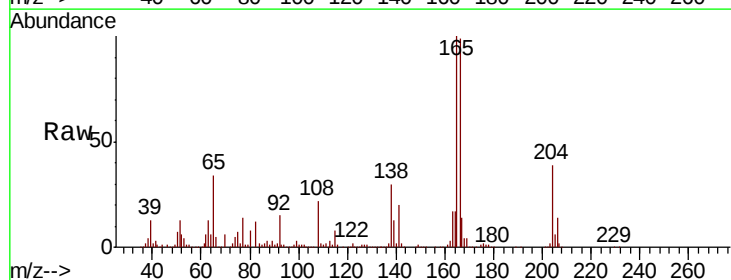
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 50.858 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	50.8	34.6	74.6	
108	72.4	65.7	105.7	

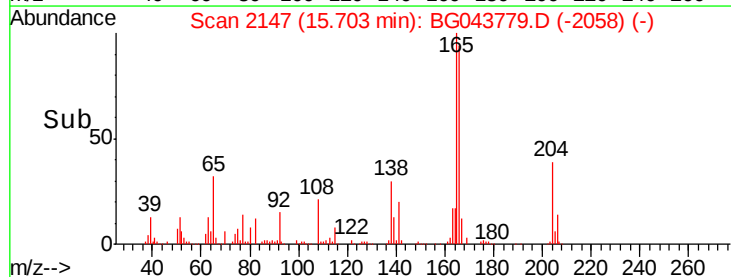
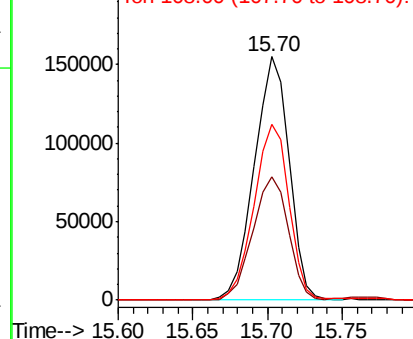


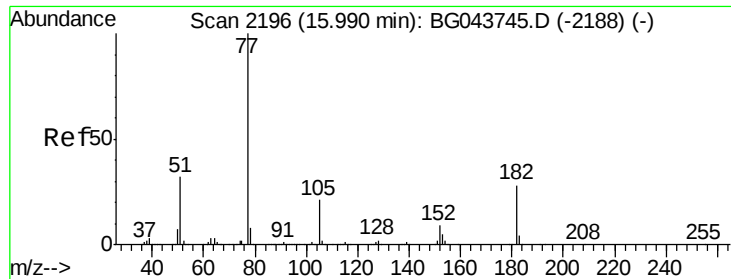
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





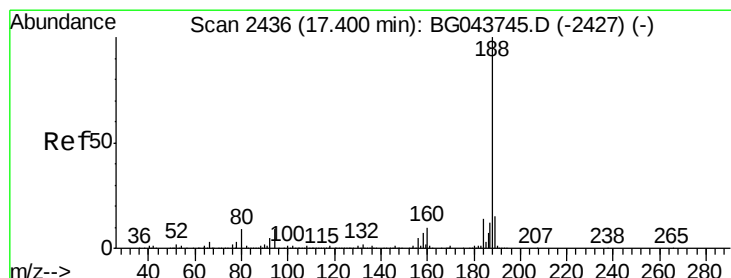
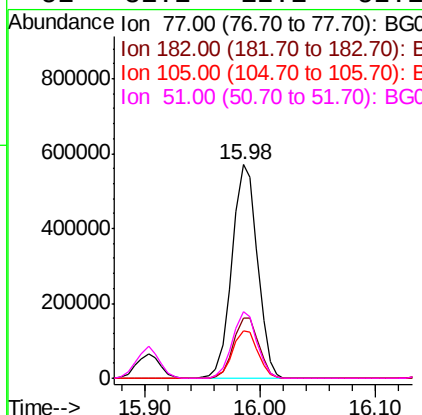
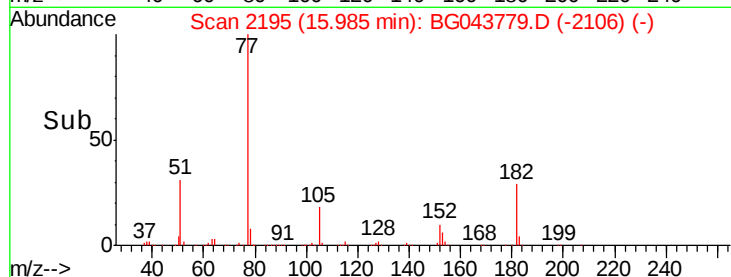
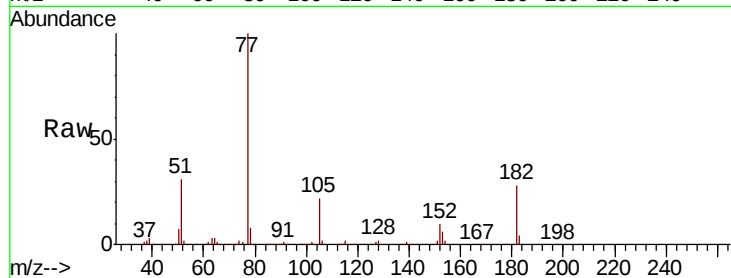
#63
Azobenzene
Concen: 46.768 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	7.6	47.6	
105	22.4	0.7	40.7	
51	31.1	12.1	52.1	

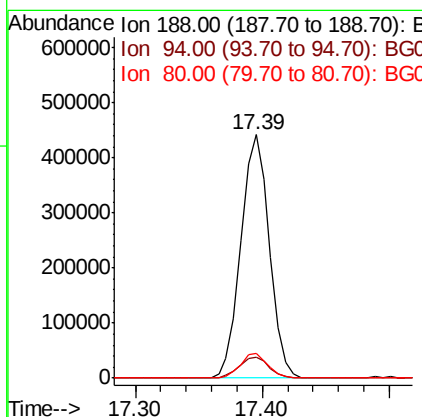
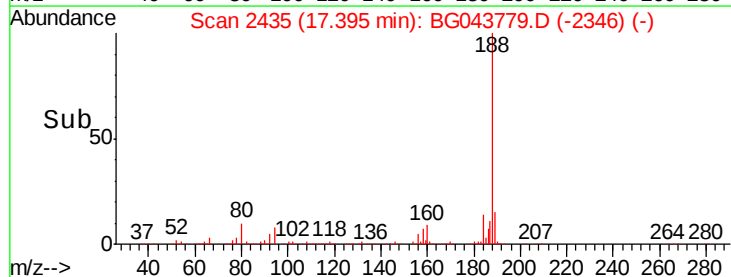
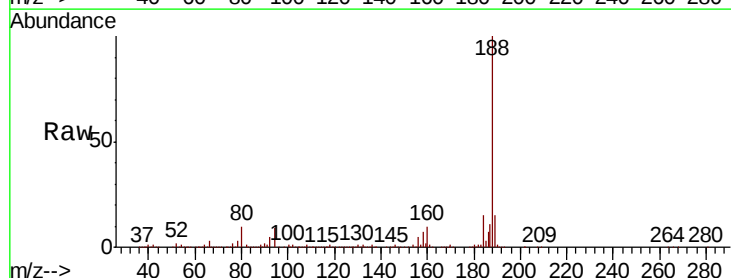
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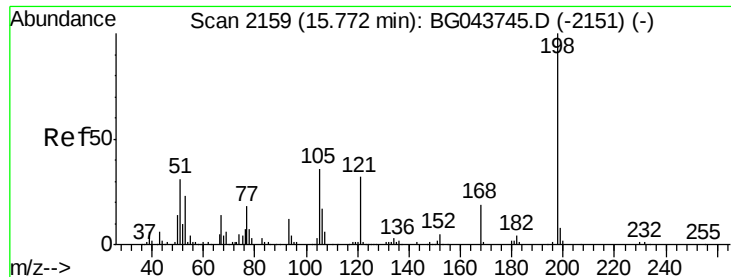
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.9	10.3	
80	9.9	7.5	11.3	





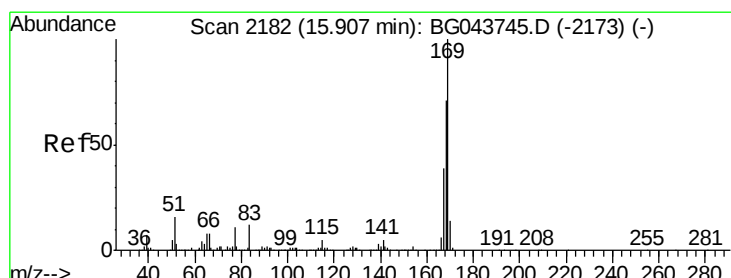
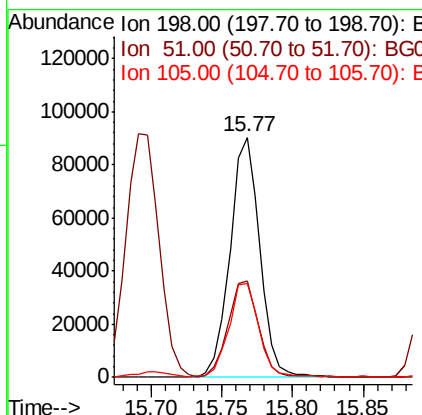
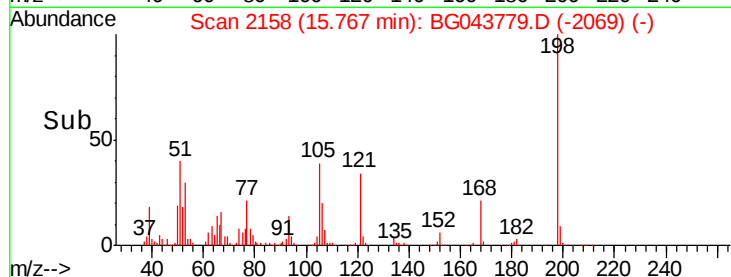
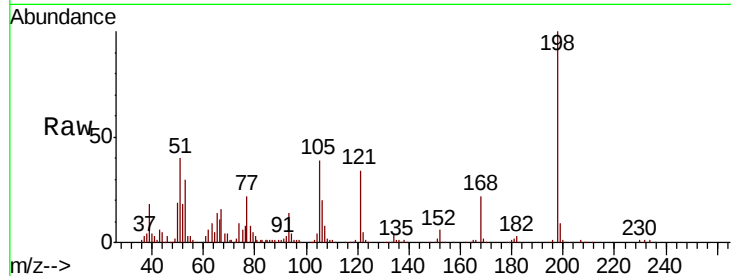
#65
4,6-Dinitro-2-methylphenol
Concen: 51.518 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132226		
51	40.1	16.8	56.8	
105	39.1	17.3	57.3	

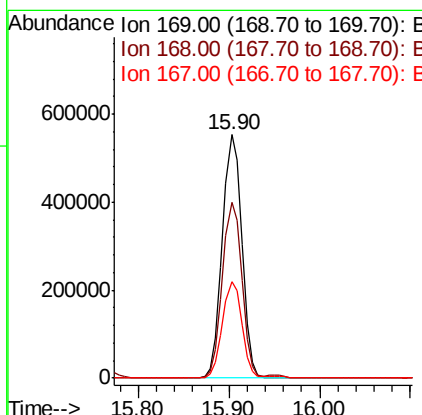
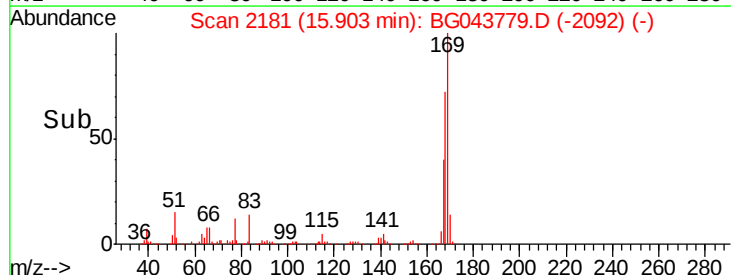
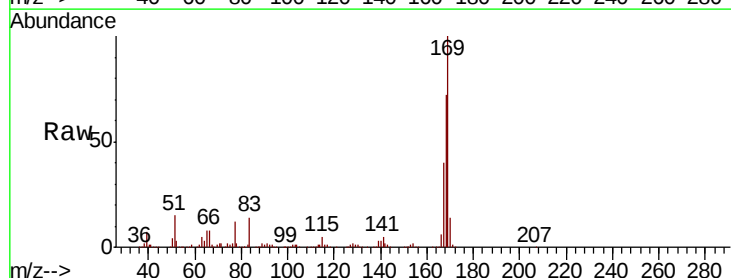
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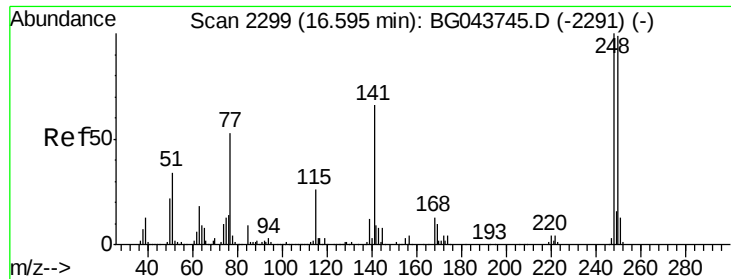
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#66
n-Nitrosodiphenylamine
Concen: 45.562 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	827123		
168	72.1	56.6	85.0	
167	39.8	30.8	46.2	





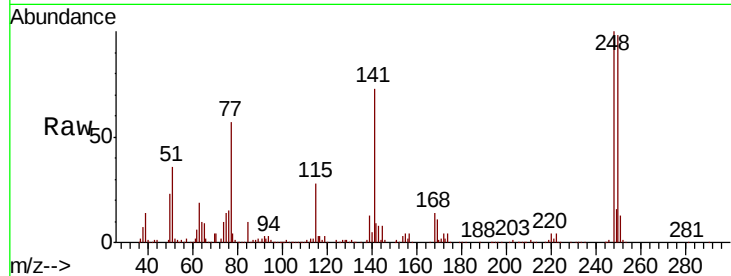
#67
4-Bromophenyl-phenylether
Concen: 42.159 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.3	118.9
141	73.5	53.0	79.6

Manual Integrations
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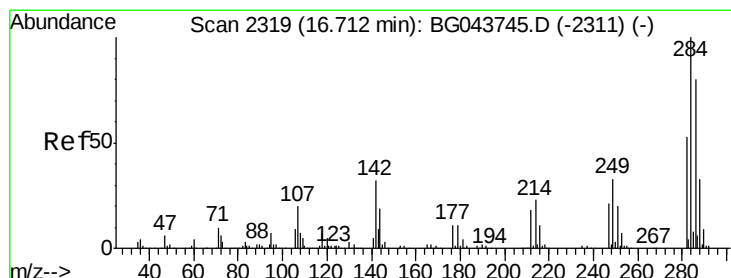
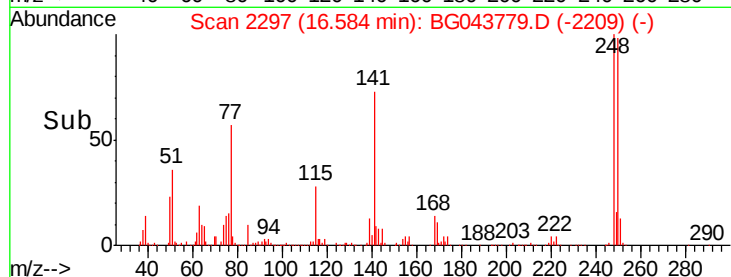
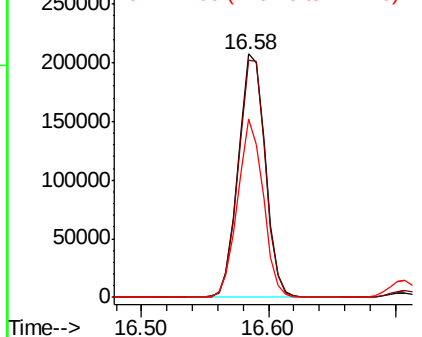


Abundance

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: 41.519 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

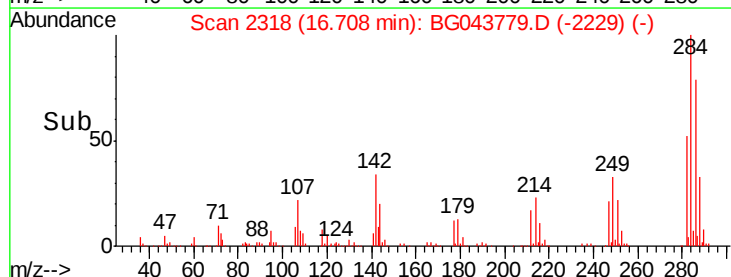
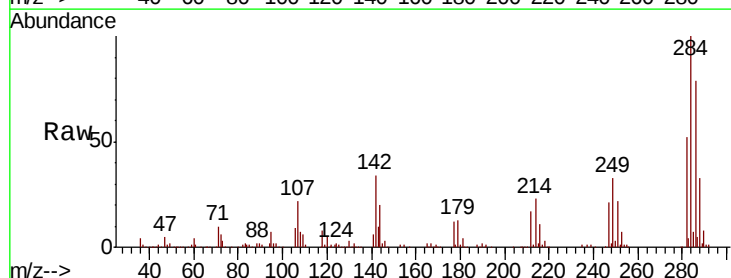
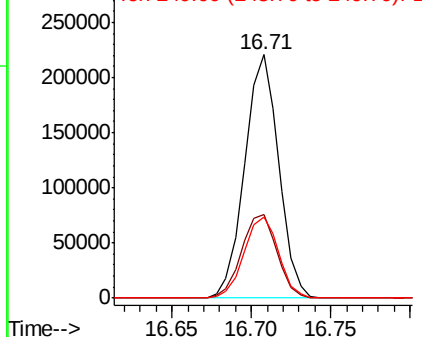
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.4	38.0
249	33.2	26.2	39.4

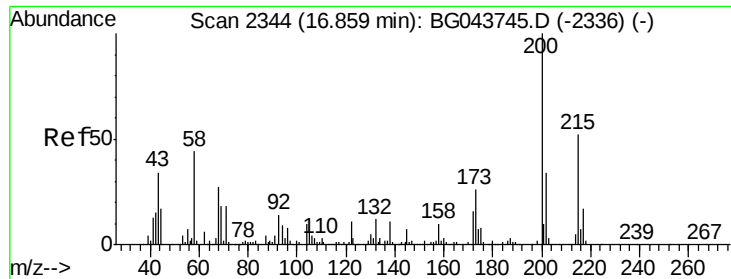
Abundance

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





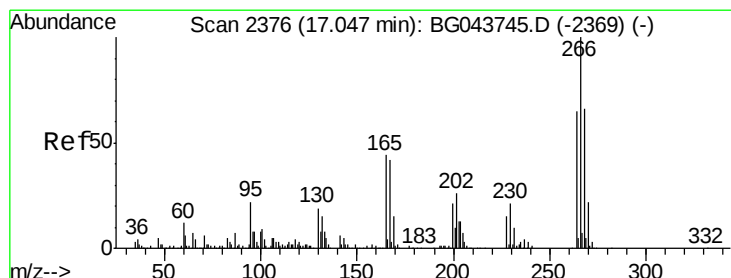
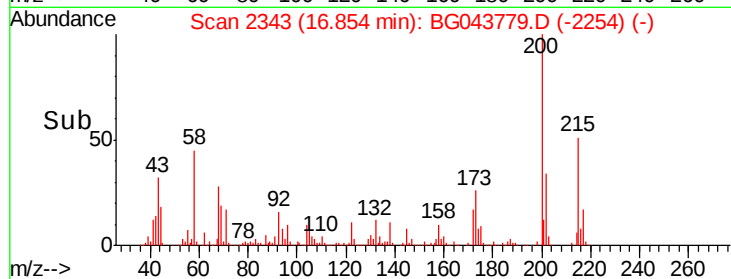
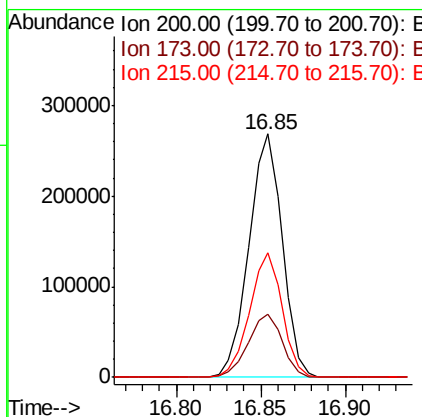
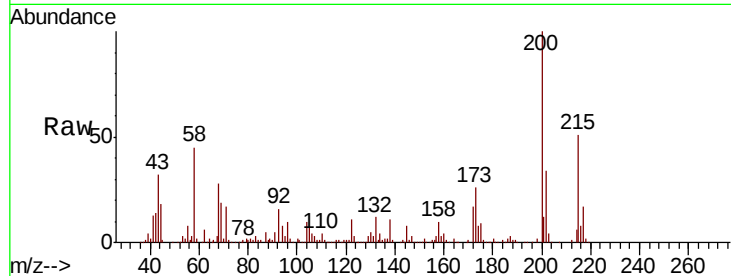
#69
 Atrazine
 Concen: 50.581 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Instrument :
 BNA_G
 ClientSampleId :
 PB125122BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.0	46.0
215	51.1	32.4	72.4

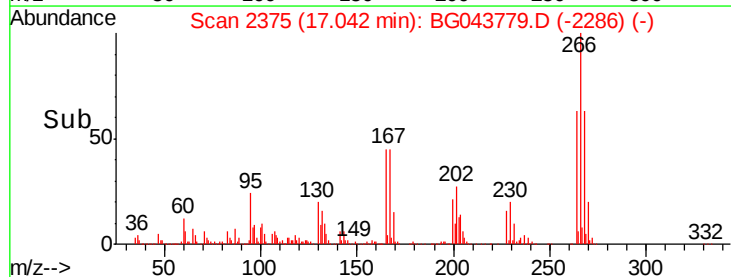
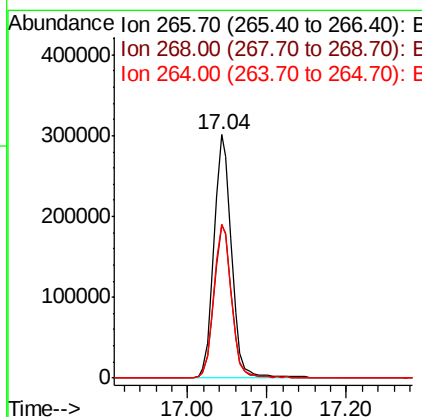
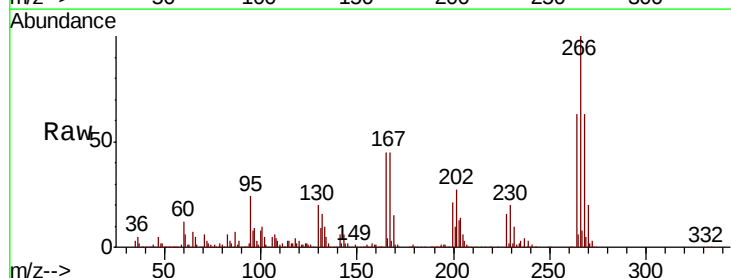
Manual Integrations
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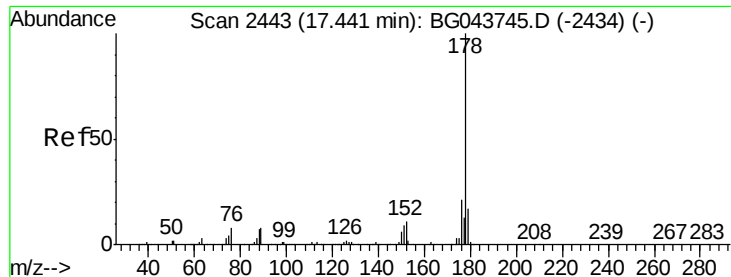
jagrut
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#70
 Pentachlorophenol
 Concen: 96.372 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.9	79.3
264	63.4	51.6	77.4





#71

Phenanthrene

Concen: 46.003 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

ClientSampleId :

PB125122BS

Tot Ion:178 Resp: 1560760

Ion Ratio Lower Upper

178 100

176 23.0 16.9 25.3

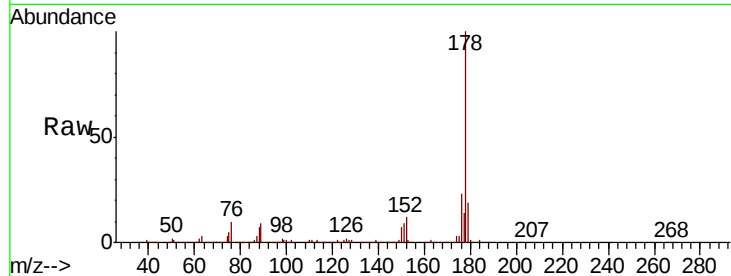
179 18.6 13.5 20.3

Manual Integrations

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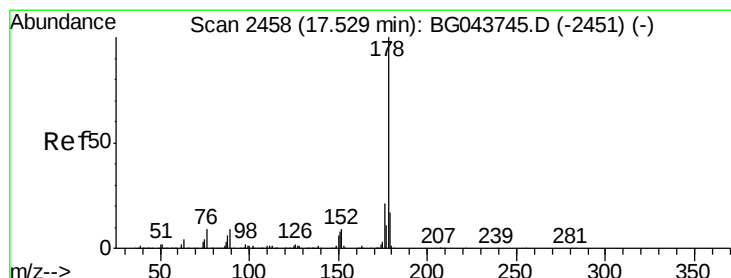
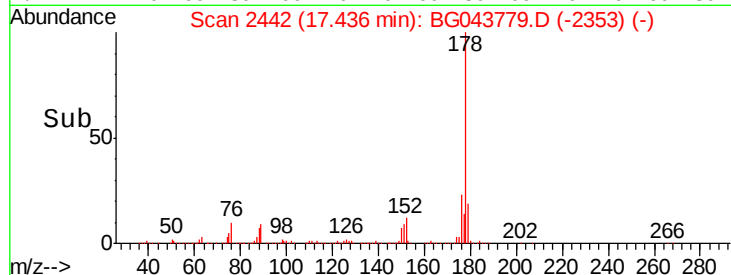
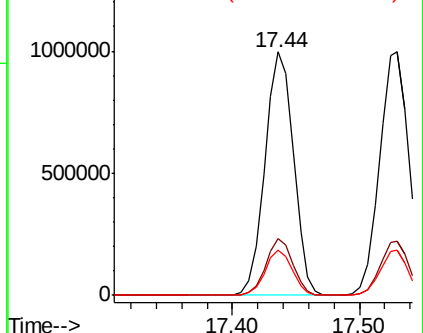
11/27/2019 11:31:35 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.979 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

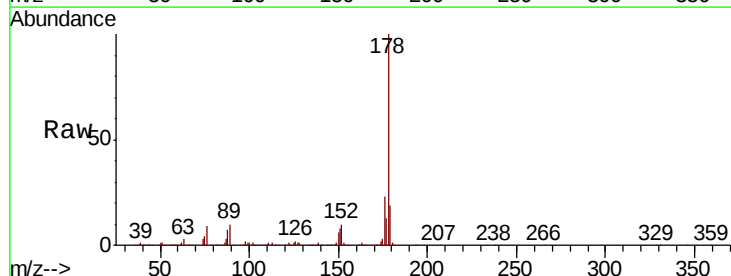
Tgt Ion:178 Resp: 1610061

Ion Ratio Lower Upper

178 100

176 22.5 16.5 24.7

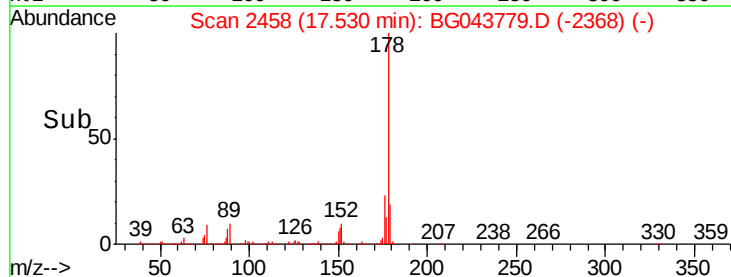
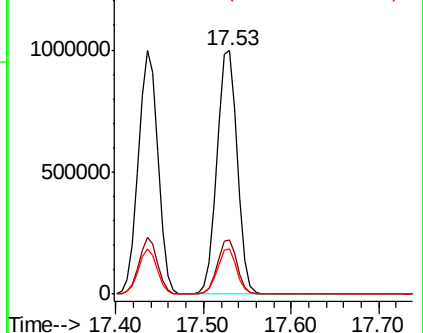
179 18.7 13.4 20.2

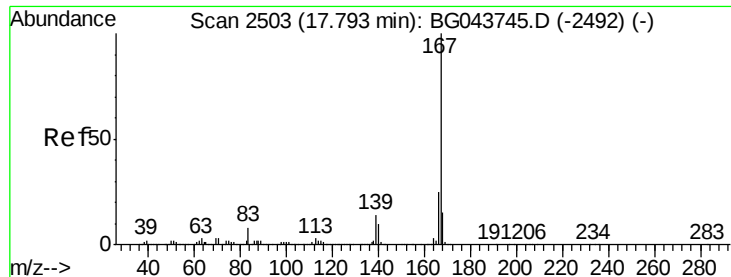


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.402 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

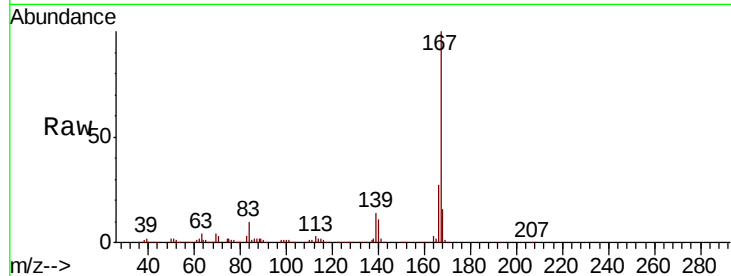
ClientSampleId :

PB125122BS

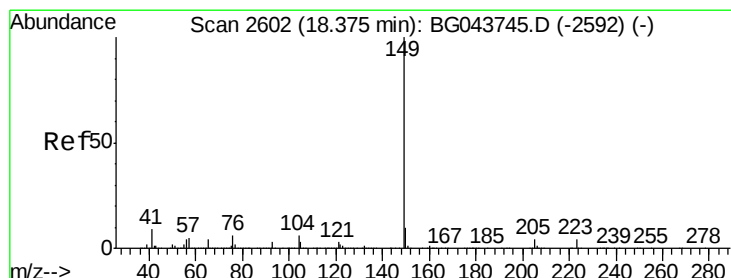
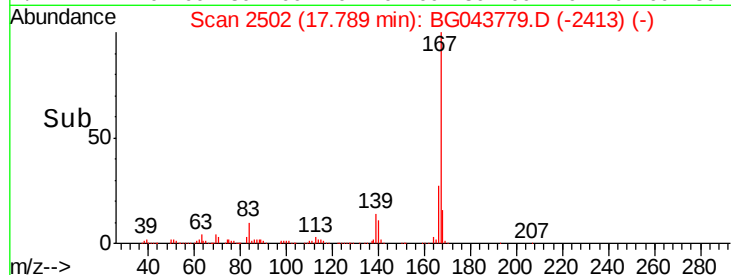
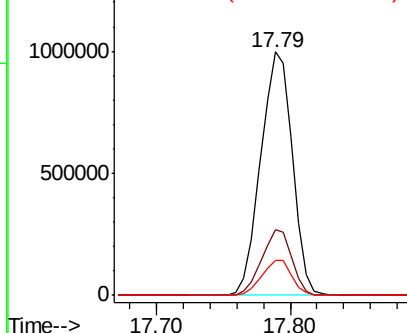
Tot Ion:	167	Resp:	1634531
Ion	Ratio	Lower	Upper
167	100		
166	27.1	19.8	29.6
139	14.5	10.9	16.3

Manual Integrations
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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: 42.686 ng

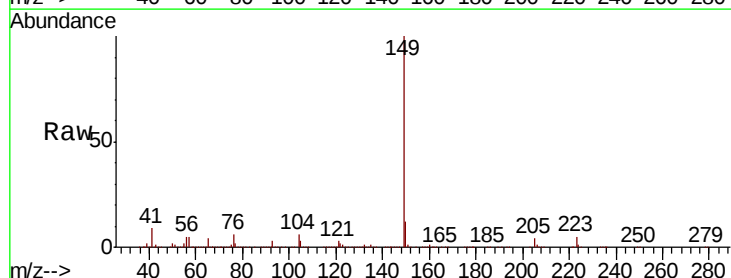
RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

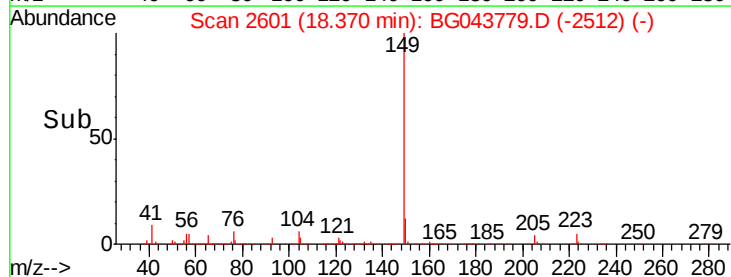
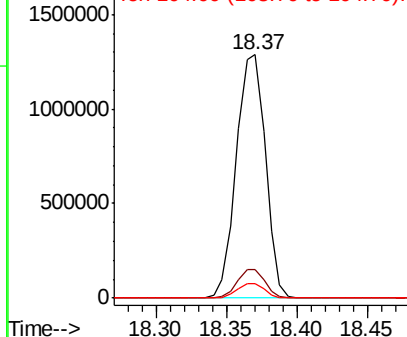
Lab File: BG043779.D

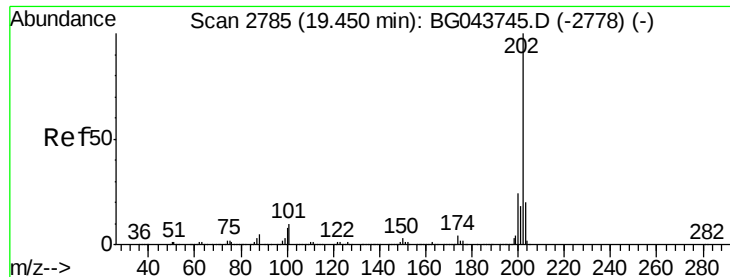
Acq: 26 Nov 2019 15:57

Tgt Ion:	149	Resp:	1855092
Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.4	12.6
104	6.1	4.6	7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.557 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

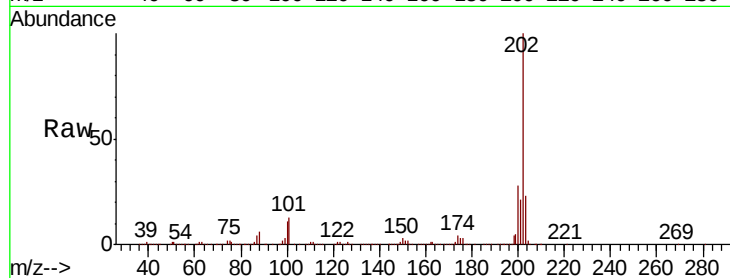
ClientSampleId :

PB125122BS

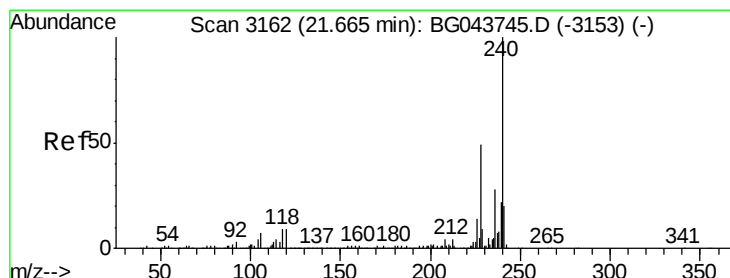
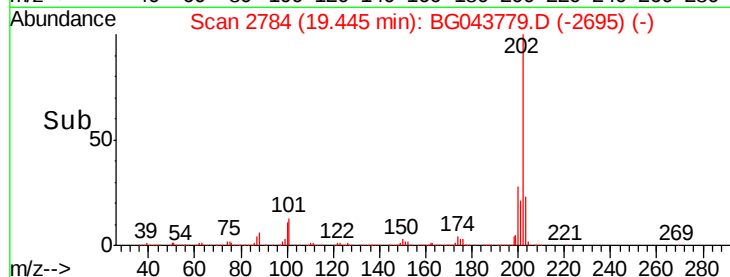
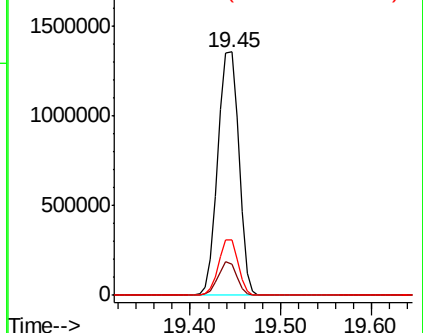
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2168477		
101	12.9	0.0	30.1		
203	22.6	0.0	39.7		

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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

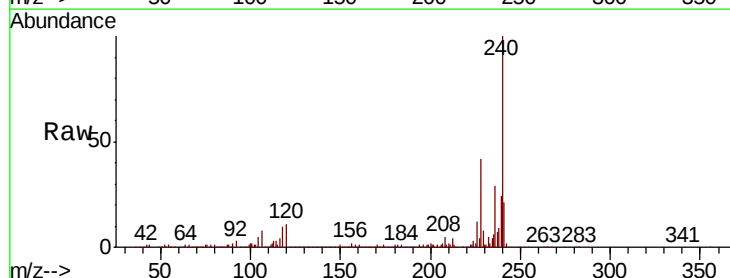
RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

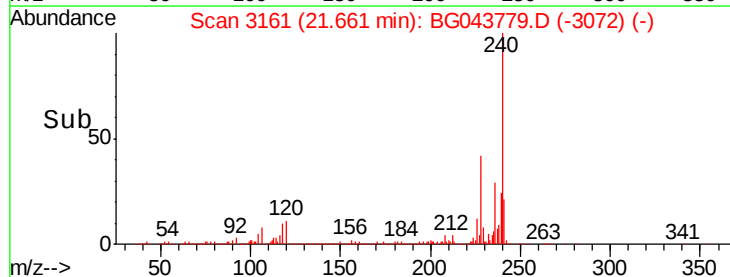
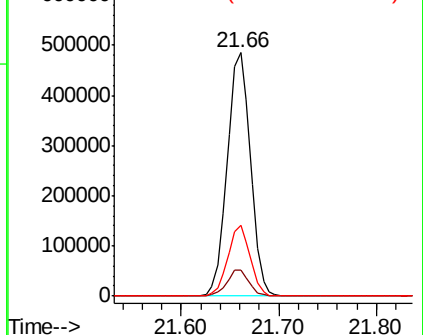
Lab File: BG043779.D

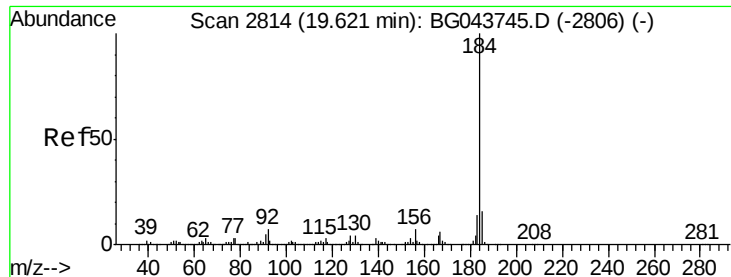
Acq: 26 Nov 2019 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		800309		
120	10.5	7.5	11.3		
236	29.2	22.6	34.0		



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: 27.469 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

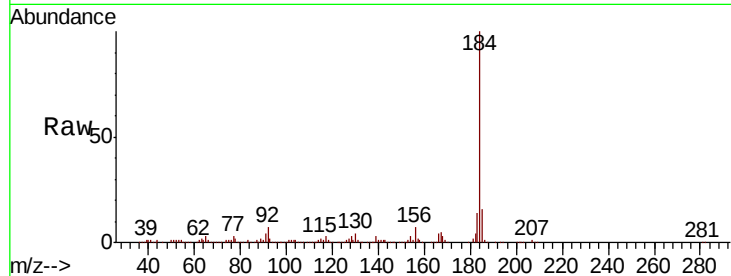
ClientSampleId :

PB125122BS

Tot Ion:	184	Resp:	642159
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.8	19.2
183	14.1	11.3	16.9

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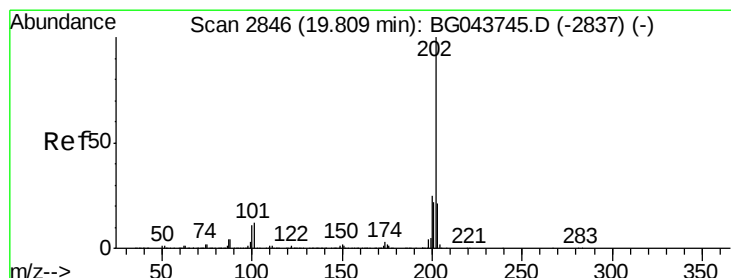
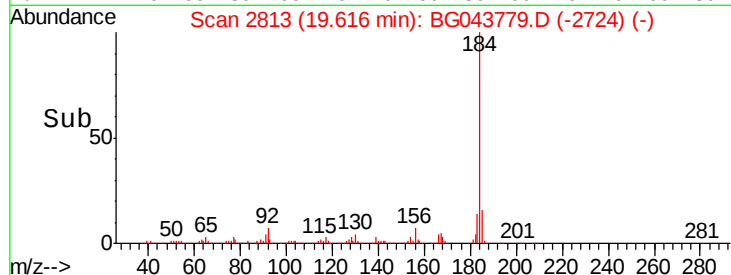
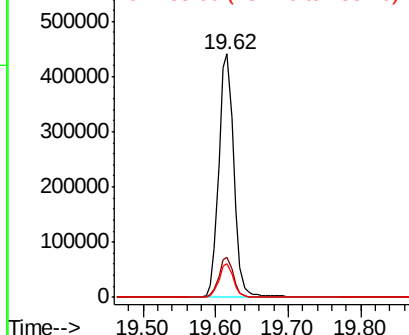


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.188 ng

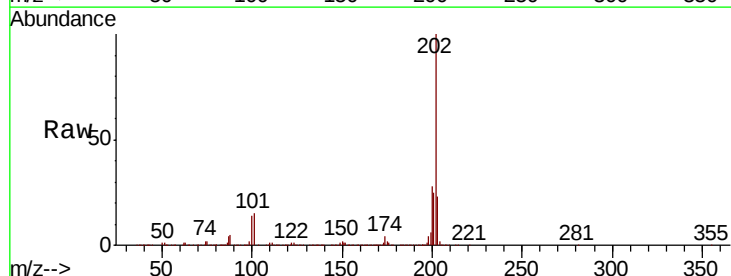
RT: 19.80 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	202	Resp:	2230673
Ion Ratio	Lower	Upper	
202	100		
200	28.3	19.8	29.6
203	23.5	16.6	24.8

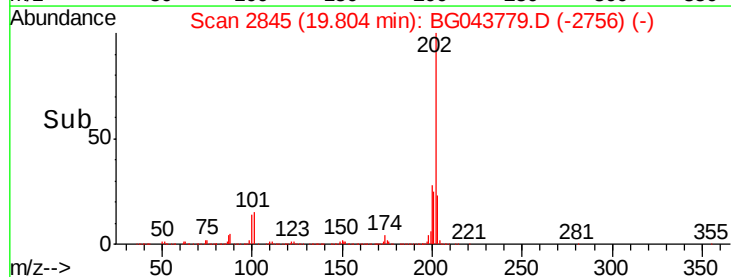
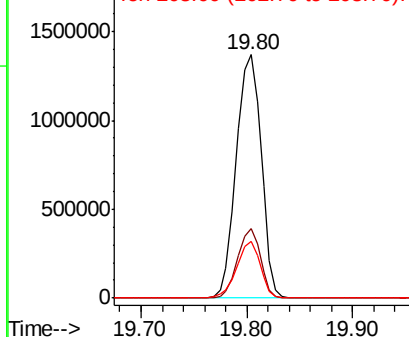


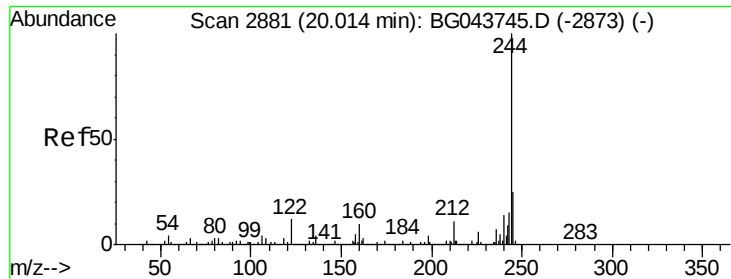
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.386 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

ClientSampleId :

PB125122BS

Tot Ion:244 Resp: 2917932

Ion Ratio Lower Upper

244 100

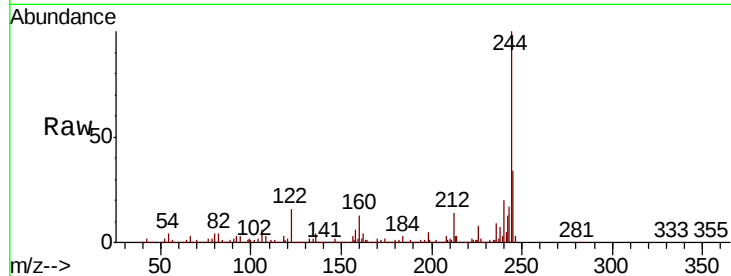
212 14.3 8.5 12.7#

122 16.3 9.5 14.3#

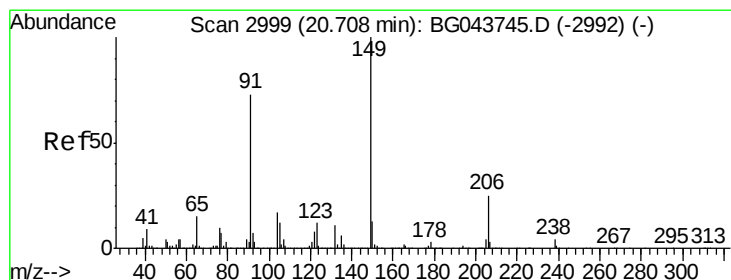
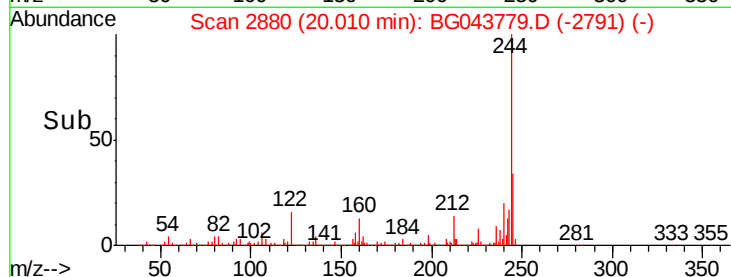
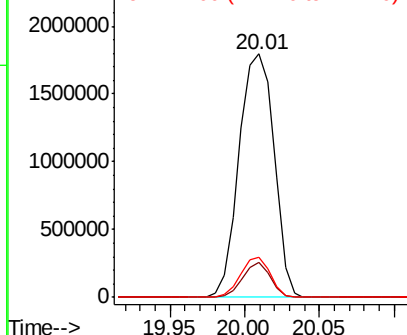
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.110 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

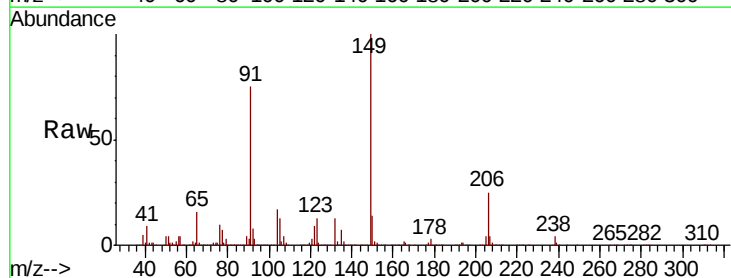
Tgt Ion:149 Resp: 1132004

Ion Ratio Lower Upper

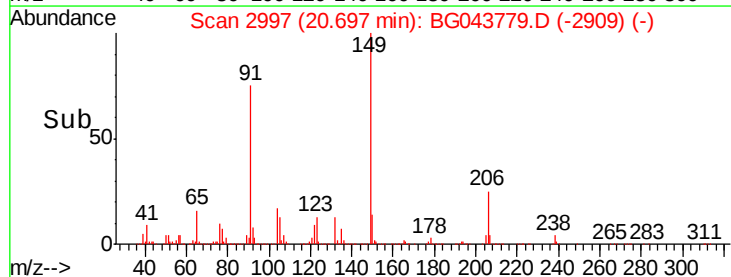
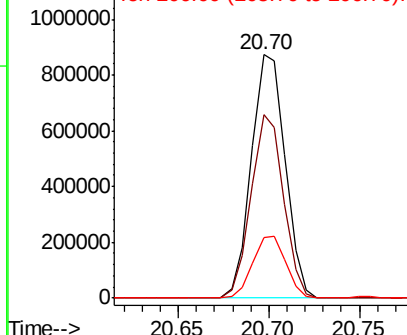
149 100

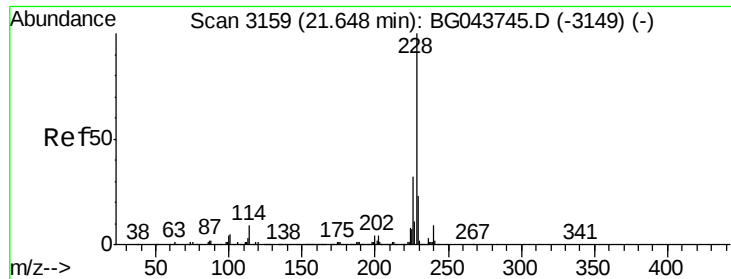
91 75.3 58.8 88.2

206 25.0 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.080 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

ClientSampleId :

PB125122BS

Tot Ion:228 Resp: 2358417

Ion Ratio Lower Upper

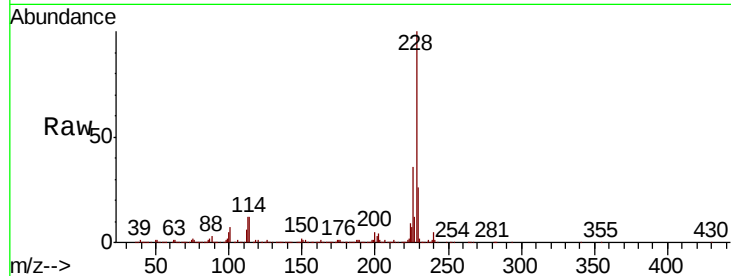
228 100

226 35.6 25.4 38.2

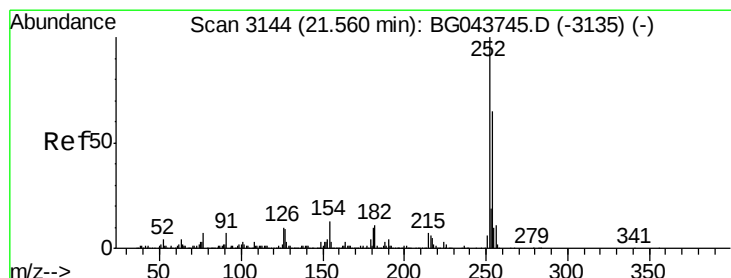
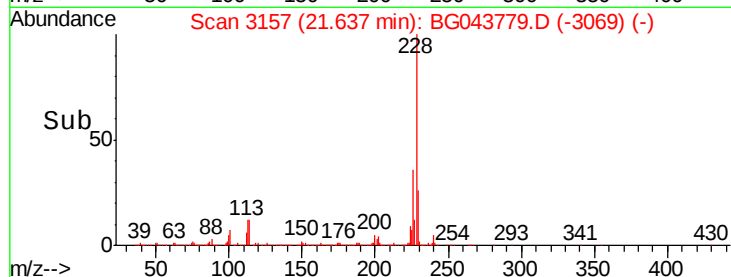
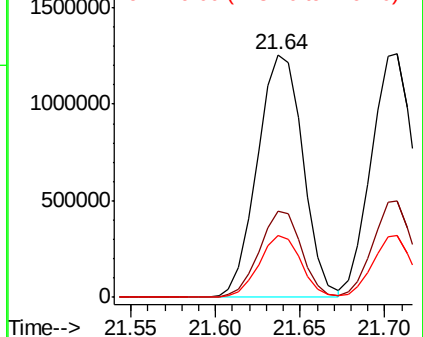
229 25.6 18.1 27.1

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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: 19.307 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

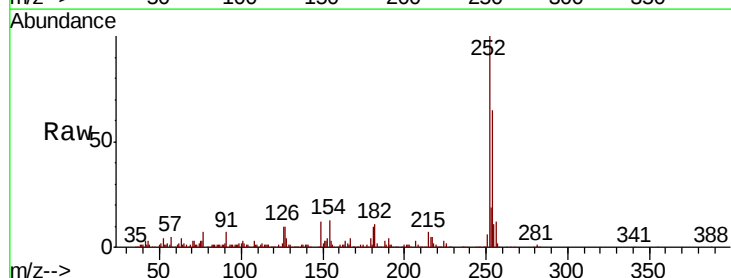
Tgt Ion:252 Resp: 387365

Ion Ratio Lower Upper

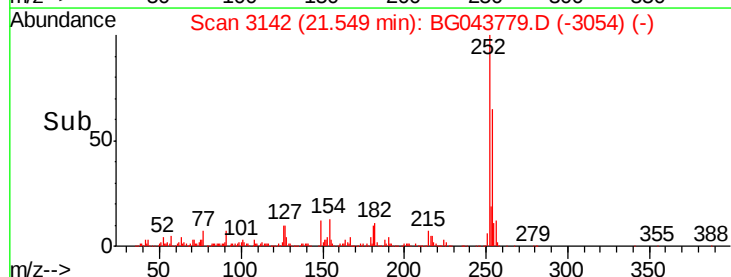
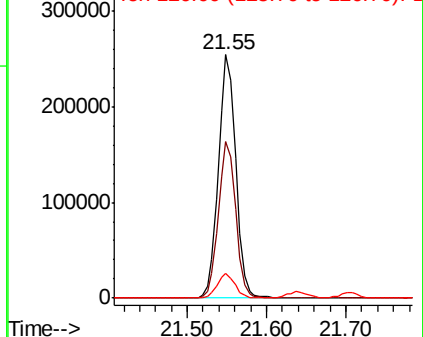
252 100

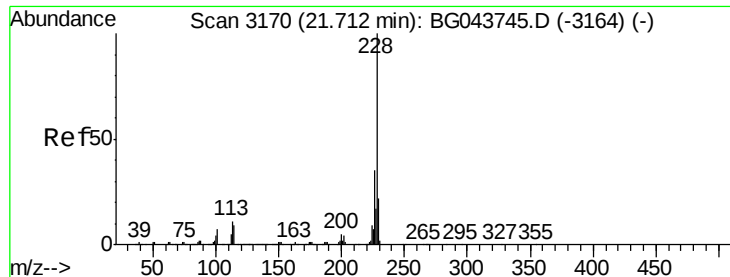
254 64.5 52.1 78.1

126 10.1 7.8 11.6



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: 43.667 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

ClientSampleId :

PB125122BS

Tot Ion:228 Resp: 2210738

Ion Ratio Lower Upper

228 100

226 39.3 27.8 41.8

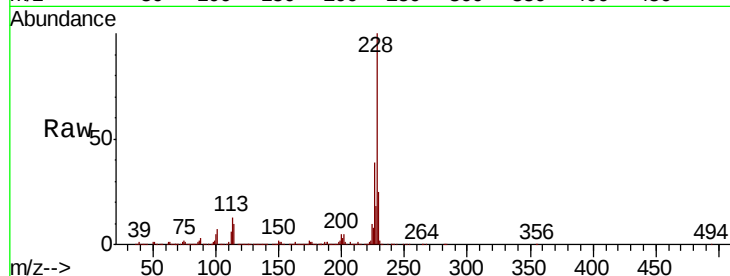
229 25.4 17.9 26.9

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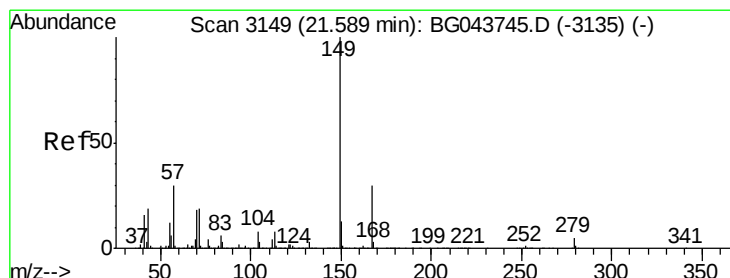
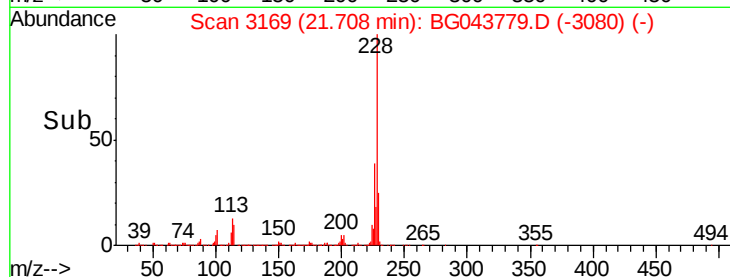
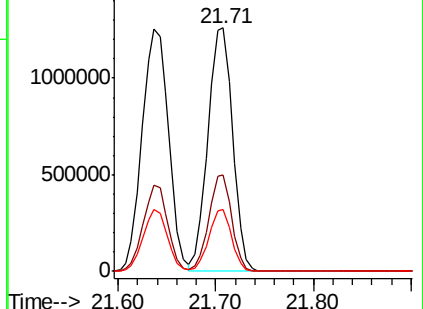
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.195 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

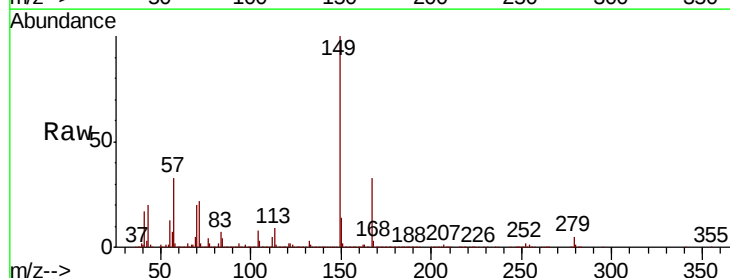
Tgt Ion:149 Resp: 1529330

Ion Ratio Lower Upper

149 100

167 33.2 23.8 35.6

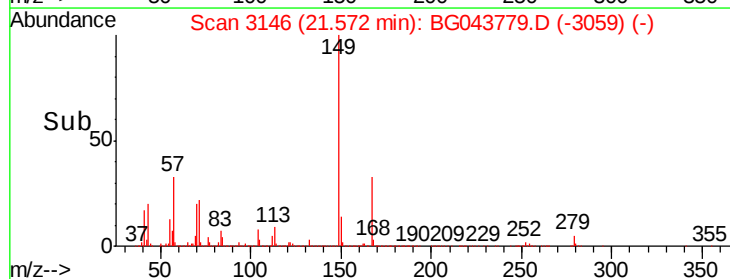
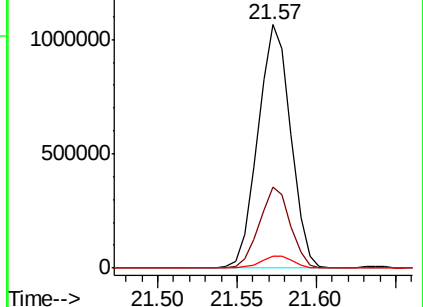
279 5.0 4.0 6.0

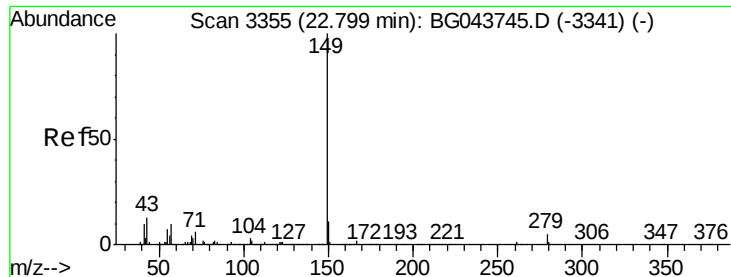


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.330 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

ClientSampleId :

PB125122BS

Tot Ion:149 Resp: 2219346

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

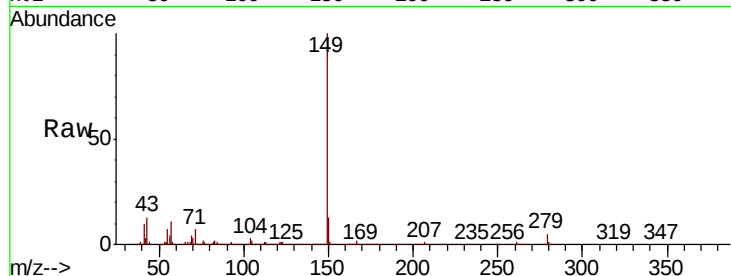
43 11.7 9.8 14.6

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.78

1500000

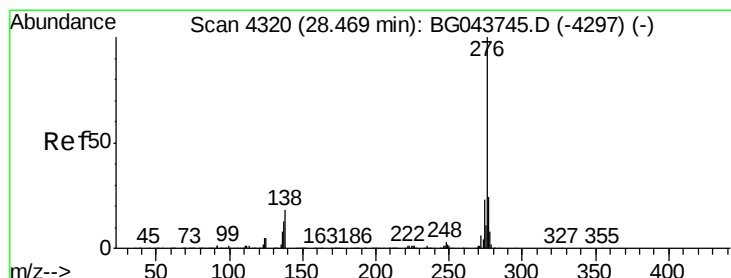
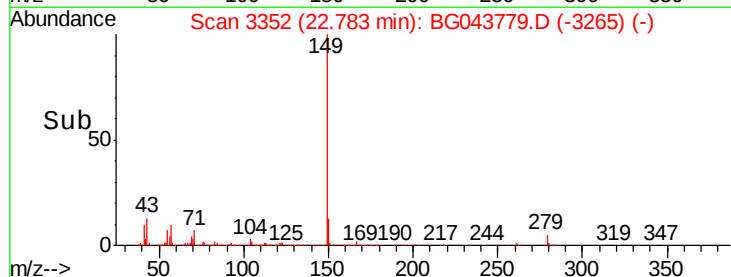
1000000

500000

0

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.095 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

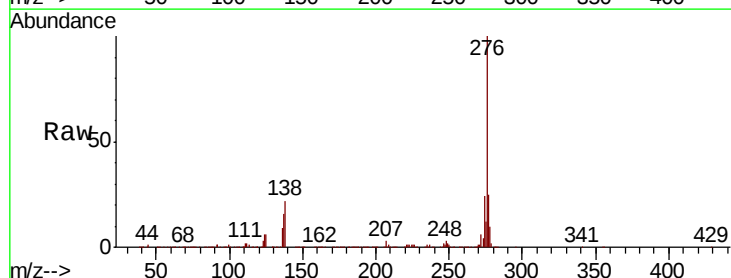
Tgt Ion:276 Resp: 2420145

Ion Ratio Lower Upper

276 100

138 17.8 14.5 21.7

277 26.4 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.45

500000

400000

300000

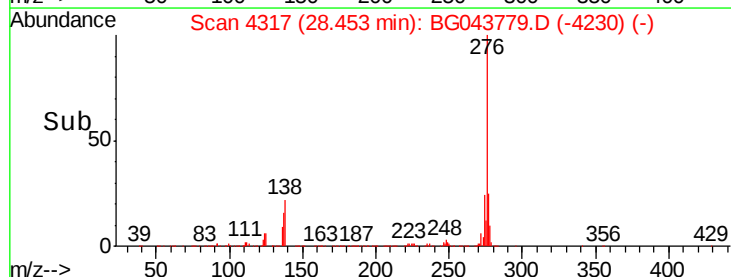
200000

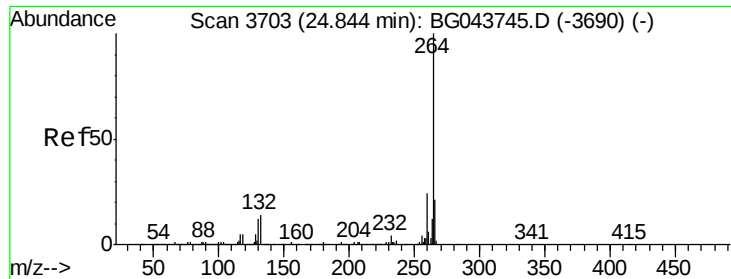
100000

0

28.20 28.40 28.60

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_G

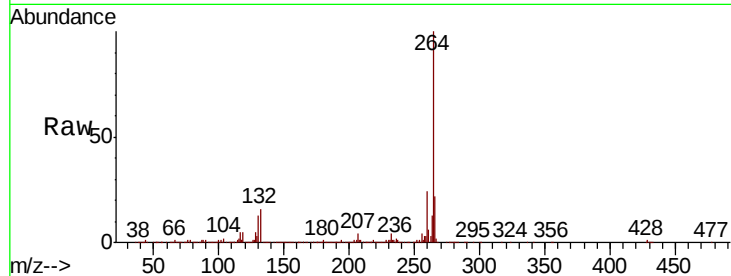
ClientSampleId :

PB125122BS

Tot Ion:	264	Resp:	766798
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	21.7	17.0	25.6

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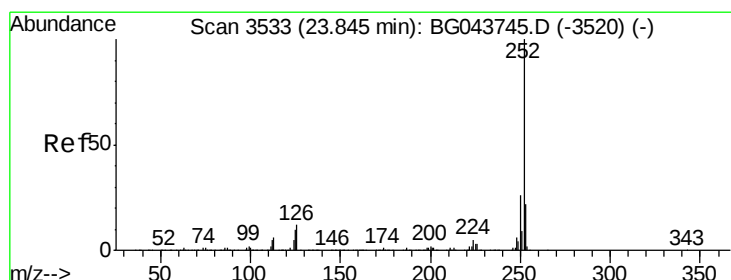
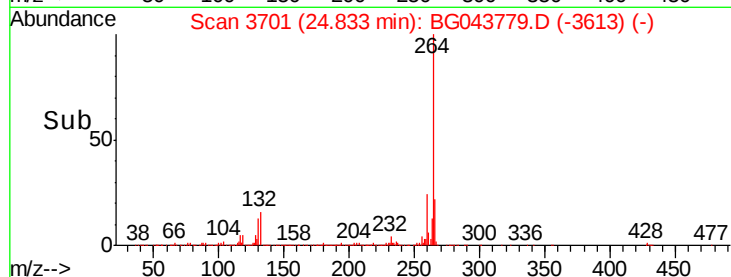
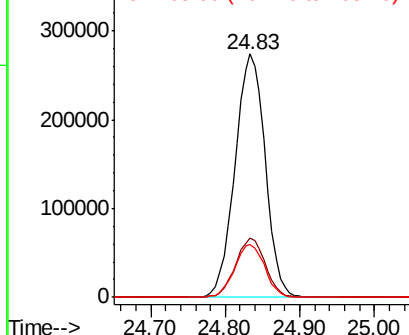


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.493 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

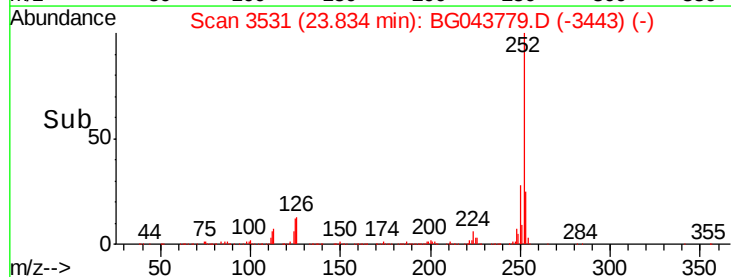
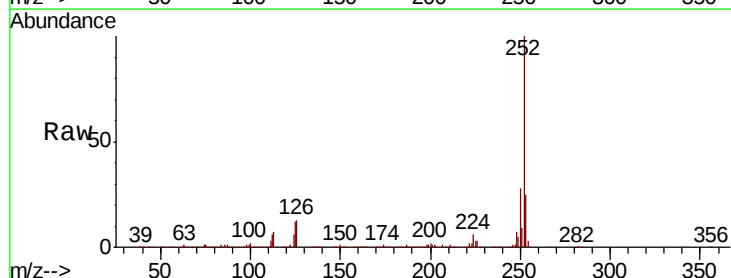
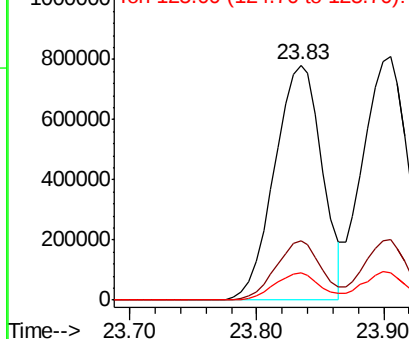
Tgt Ion:	252	Resp:	2037018
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.7	26.5
125	11.8	8.0	12.0

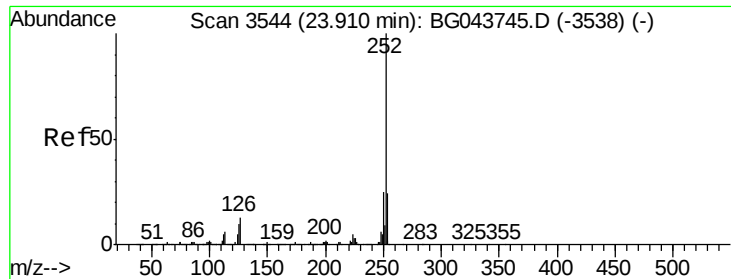
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





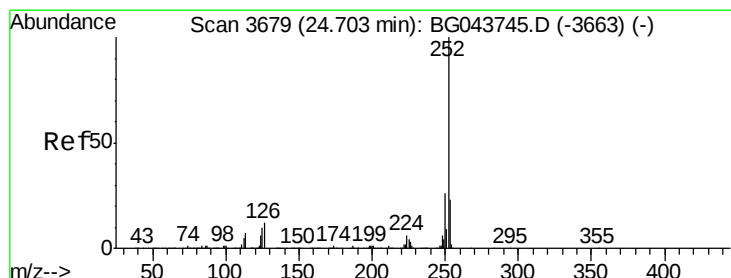
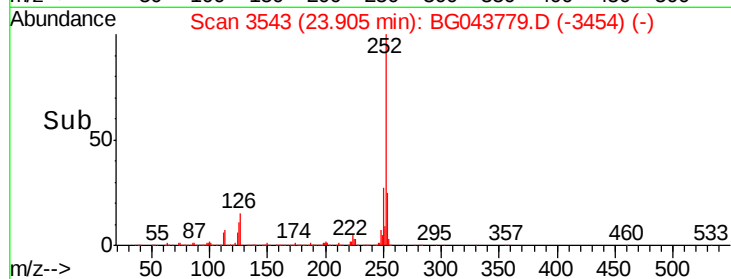
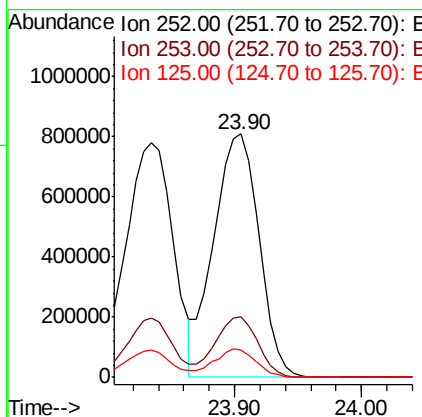
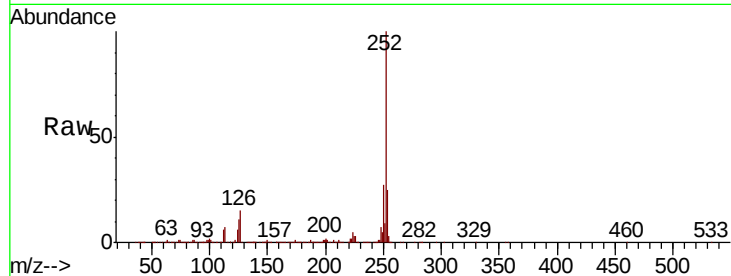
#89
Benzo(k)fluoranthene
Concen: 45.638 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion:252 Resp: 2005269
Ion Ratio Lower Upper
252 100
253 24.9 18.8 28.2
125 11.5 7.7 11.5

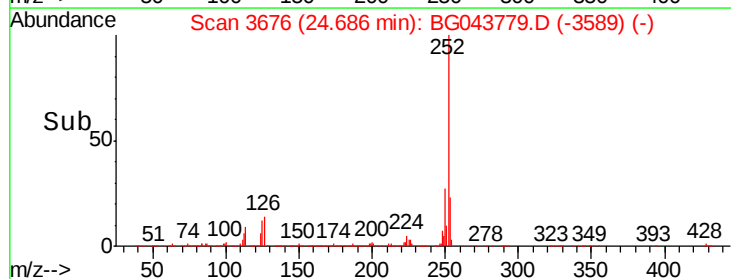
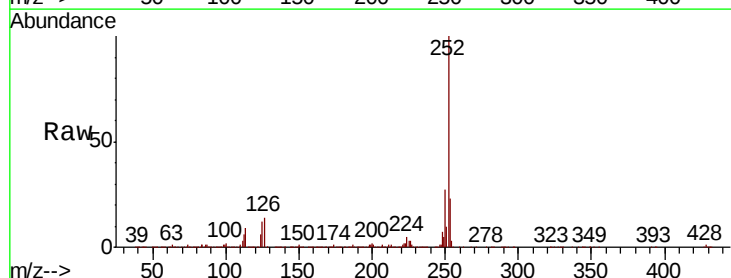
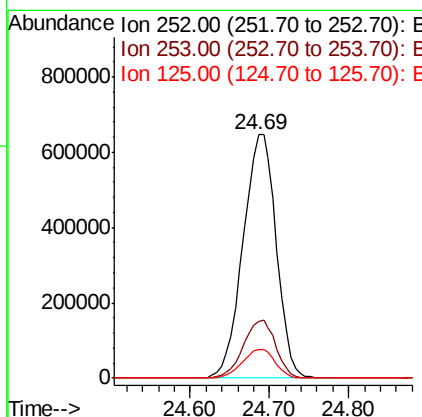
Manual Integrations
APPROVED

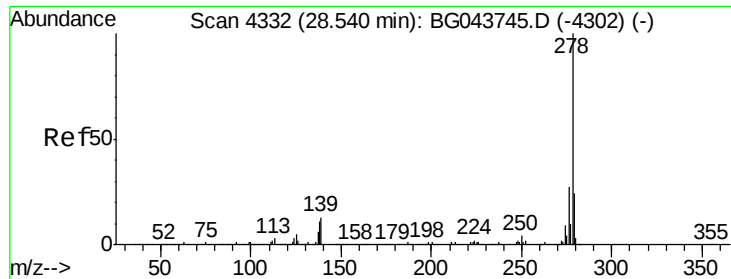
jagrut
11/27/2019 11:31:35 PM



#90
Benzo(a)pyrene
Concen: 43.688 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:252 Resp: 1880798
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 12.0 8.3 12.5





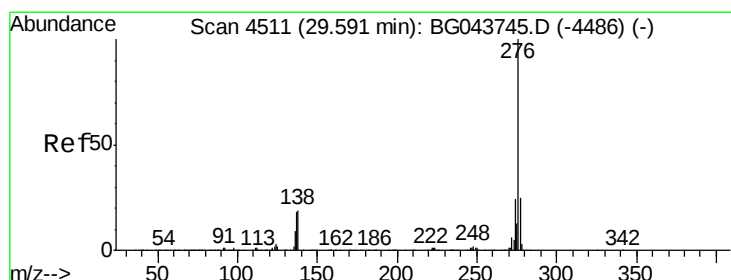
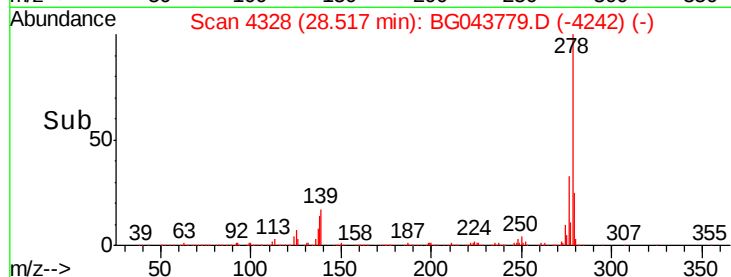
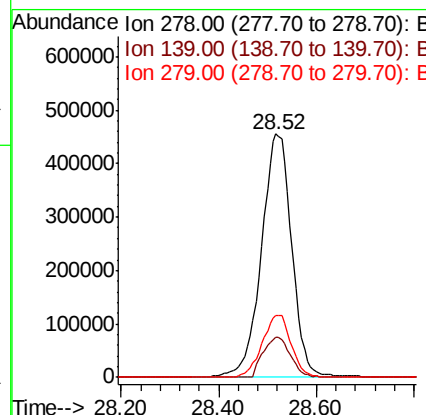
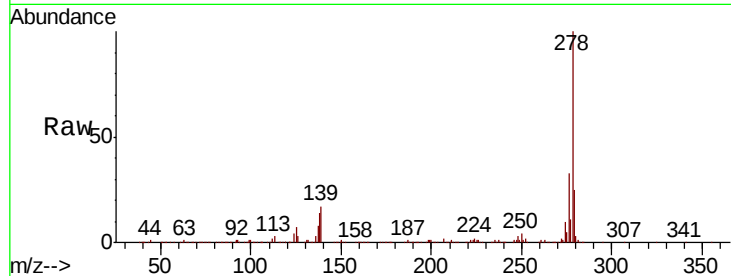
#91
Dibenzo(a,h)anthracene
Concen: 47.252 ng
RT: 28.52 min Scan# 4328
Delta R.T. -0.02 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_G
ClientSampleId :
PB125122BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	10.4	15.6#
279	25.3	19.3	28.9

Manual Integrations
APPROVED

jagrut
11/27/2019 11:31:35 PM



#92
Benzo(g,h,i)perylene
Concen: 48.334 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	21.7	14.9	22.3

