

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043502.D
 Acq On : 5 Nov 2019 11:25
 Operator : JU
 Sample : PB124505BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BS

Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:01 AM

Quant Time: Nov 06 01:37:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30385	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	123763	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94446	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	231377	20.00	ng	0.00
76) Chrysene-d12	21.66	240	270986	20.00	ng	0.00
87) Perylene-d12	24.86	264	248847	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	217935	131.43	ng	0.00
7) Phenol-d6	7.20	99	289882	121.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	148390	61.81	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	194621	108.28	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	409908	59.97	ng	0.00
79) Terphenyl-d14	20.00	244	884110	61.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	24552	37.996	ng	# 94
3) Pyridine	3.87	79	57346	35.182	ng	93
4) n-Nitrosodimethylamine	3.79	42	32943	40.052	ng	95
6) Aniline	7.34	93	78121	28.426	ng	98
8) 2-Chlorophenol	7.58	128	88305	48.243	ng	96
9) Benzaldehyde	7.15	77	28263	24.106	ng	88
10) Phenol	7.22	94	102366	46.956	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	68434	40.602	ng	99
12) 1,3-Dichlorobenzene	7.90	146	91925	40.083	ng	96
13) 1,4-Dichlorobenzene	8.05	146	95494	41.155	ng	98
14) 1,2-Dichlorobenzene	8.36	146	91444	40.363	ng	97
15) Benzyl Alcohol	8.25	79	74314	44.354	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92947	37.925	ng	97
17) 2-Methylphenol	8.47	107	70371	44.279	ng	97
18) Hexachloroethane	9.09	117	34437	41.136	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	59480	38.583	ng	# 95
20) 3+4-Methylphenols	8.80	107	91877	42.160	ng	92
22) Acetophenone	8.83	105	122225	38.564	ng	# 95
24) Nitrobenzene	9.22	77	94383	41.272	ng	98
25) Isophorone	9.73	82	172792	39.369	ng	99
26) 2-Nitrophenol	9.93	139	49890	45.188	ng	94
27) 2,4-Dimethylphenol	10.00	122	79115	49.996	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	96783	39.954	ng	98
29) 2,4-Dichlorophenol	10.48	162	92780	45.761	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	100412	39.294	ng	92
31) Naphthalene	10.87	128	262749	41.825	ng	99
32) Benzoic acid	10.16	122	40115	35.990	ng	90
33) 4-Chloroaniline	10.99	127	66000	25.630	ng	99
34) Hexachlorobutadiene	11.15	225	70999	37.585	ng	95
35) Caprolactam	11.75	113	28686m	41.081	ng	
36) 4-Chloro-3-methylphenol	12.11	107	96980	43.851	ng	97
37) 2-Methylnaphthalene	12.47	142	204460	42.417	ng	98
38) 1-Methylnaphthalene	12.69	142	187361	40.853	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	127735	36.545	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	100807	54.903	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	83823	40.722	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	89307	42.915	nq	# 94
46) 1,1'-Biphenyl	13.48	154	268510	37.371	nq	98
47) 2-Chloronaphthalene	13.52	162	211774	38.738	nq	99
48) 2-Nitroaniline	13.73	65	64011	39.176	nq	94
49) Acenaphthylene	14.36	152	346435	40.717	nq	98
50) Dimethylphthalate	14.10	163	285312	39.001	nq	97
51) 2,6-Dinitrotoluene	14.22	165	63636	40.041	nq	95
52) Acenaphthene	14.70	154	205516	39.609	nq	99
53) 3-Nitroaniline	14.55	138	44734	29.154	nq	99
54) 2,4-Dinitrophenol	14.76	184	77128	77.925	nq	95
55) Dibenzofuran	15.04	168	337630	40.126	nq	98
56) 4-Nitrophenol	14.89	139	100468	97.707	nq	92
57) 2,4-Dinitrotoluene	15.00	165	93793	41.296	nq	# 98
58) Fluorene	15.69	166	283748	40.207	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	93872	42.457	nq	97
60) Diethylphthalate	15.46	149	290707	39.549	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	157840	38.339	nq	96
62) 4-Nitroaniline	15.71	138	64691	40.823	nq	97
63) Azobenzene	15.97	77	240491	40.426	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	60547	44.466	nq	95
66) n-Nitrosodiphenylamine	15.90	169	258152	39.519	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	115499	37.092	nq	96
68) Hexachlorobenzene	16.70	284	130002	36.372	nq	97
69) Atrazine	16.84	200	114729	50.545	nq	96
70) Pentachlorophenol	17.05	266	135717	83.330	nq	98
71) Phenanthrene	17.43	178	471163	39.766	nq	99
72) Anthracene	17.52	178	490507	41.378	nq	100
73) Carbazole	17.79	167	452500	42.152	nq	99
74) Di-n-butylphthalate	18.35	149	541414	41.566	nq	99
75) Fluoranthene	19.44	202	652282	42.229	nq	99
77) Benzidine	19.62	184	160166	29.368	nq	96
78) Pyrene	19.80	202	655161	39.059	nq	99
80) Butylbenzylphthalate	20.69	149	251338	39.550	nq	97
81) Benzo(a)anthracene	21.64	228	676235	39.839	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	227005	34.576	nq	98
83) Chrysene	21.71	228	654210	38.790	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	363589	40.277	nq	99
85) Di-n-octyl phthalate	22.74	149	628195	41.017	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	859322	40.591	nq	# 97
88) Benzo(b)fluoranthene	23.84	252	721638	51.202	nq	99
89) Benzo(k)fluoranthene	23.91	252	718416	50.634	nq	98
90) Benzo(a)pyrene	24.70	252	655008	48.668	nq	100
91) Dibenzo(a,h)anthracene	28.56	278	740033	53.757	nq	99
92) Benzo(g,h,i)perylene	29.65	276	728319	53.636	nq	99

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



#1

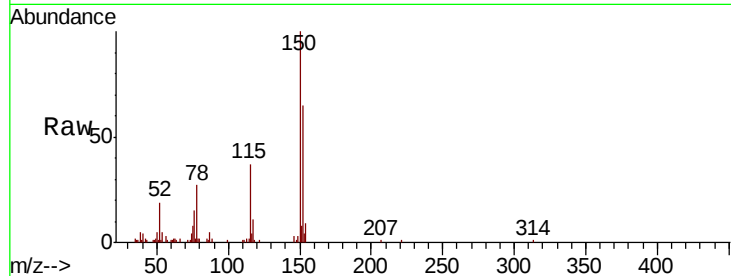
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	129.4	194.0
115	56.5	48.8	73.2

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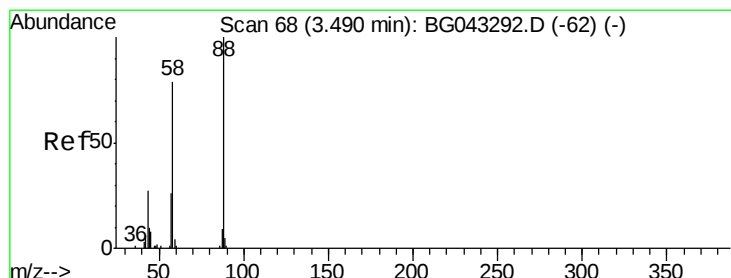
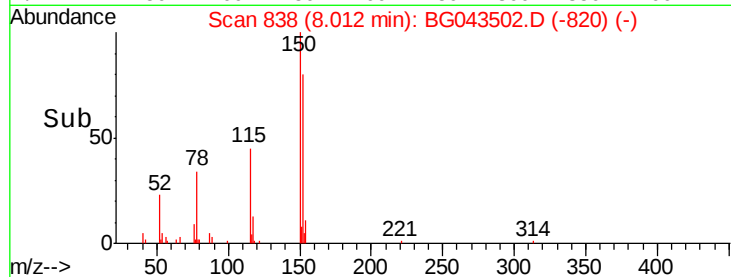
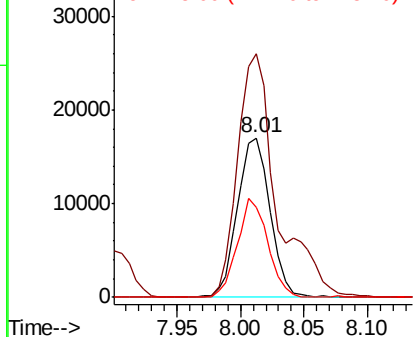


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

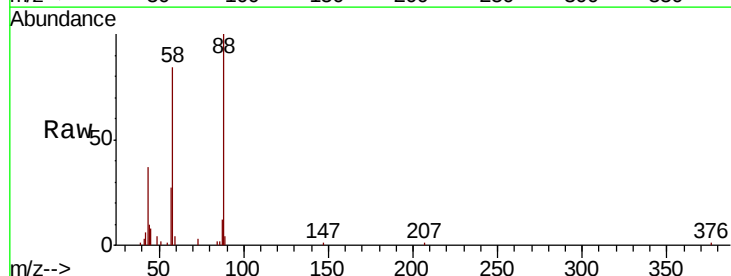
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.996 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	62.7	94.1
43	38.8	23.7	35.5

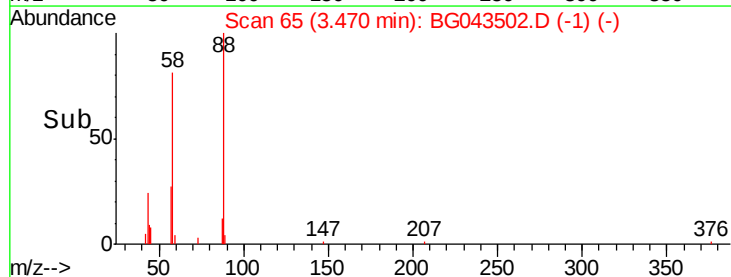
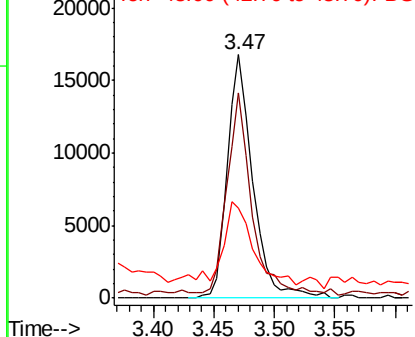


Abundance

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: 35.182 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

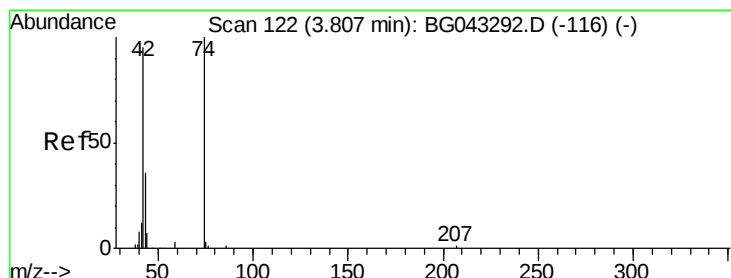
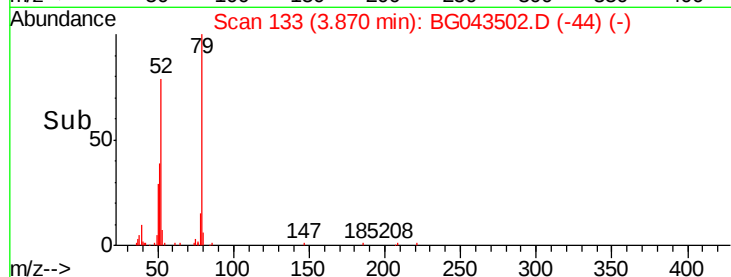
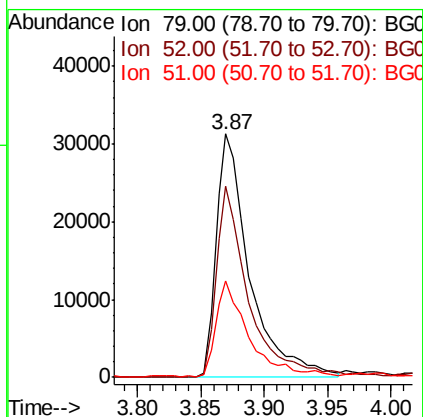
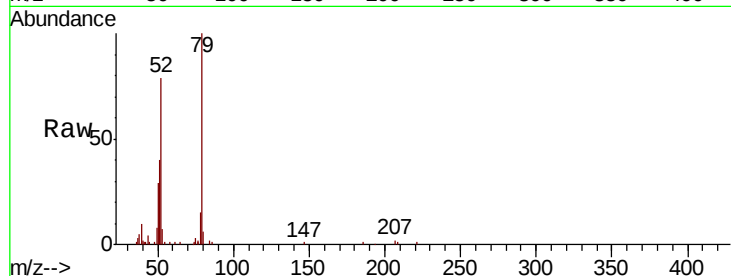
ClientSampleId :

PB124505BS

Tot Ion:	79	Resp:	57346
Ion	Ratio	Lower	Upper
79	100		
52	78.7	56.5	84.7
51	39.6	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 40.052 ng

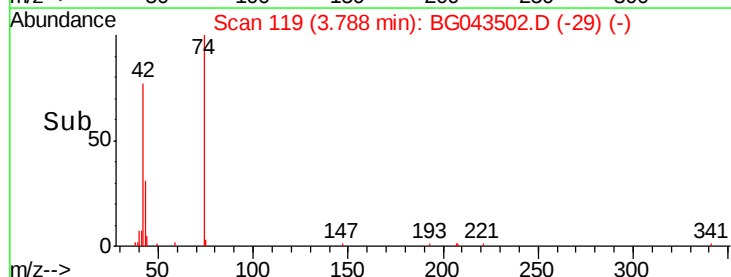
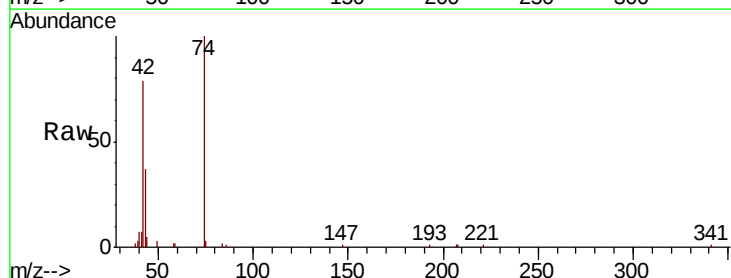
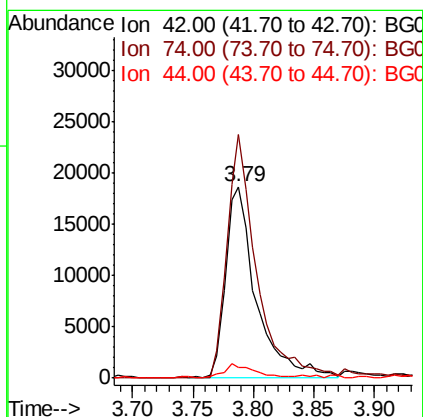
RT: 3.79 min Scan# 119

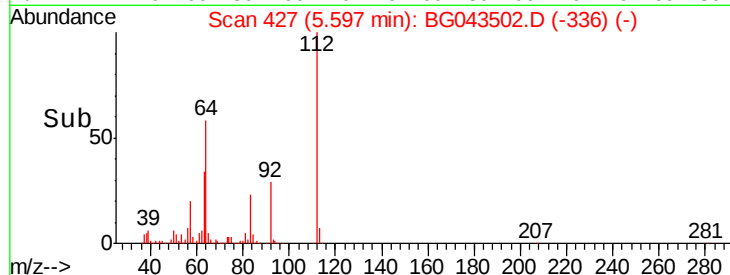
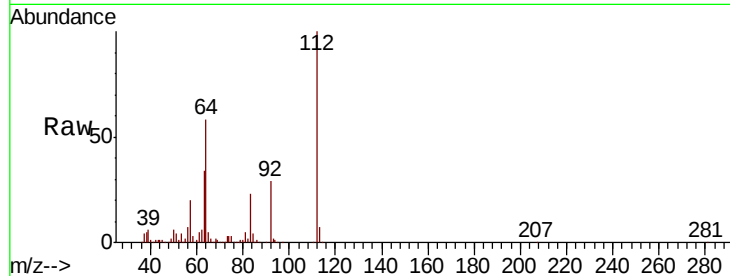
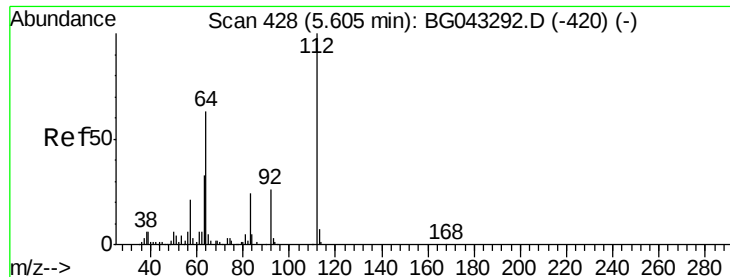
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	42	Resp:	32943
Ion	Ratio	Lower	Upper
42	100		
74	127.4	97.3	145.9
44	5.8	4.4	6.6





#5

2-Fluorophenol

Concen: 131.431 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tot Ion:	112	Resp:	217935
Ion Ratio	Lower	Upper	
112	100		
64	57.9	50.0	75.0
63	34.1	26.6	40.0

Instrument :

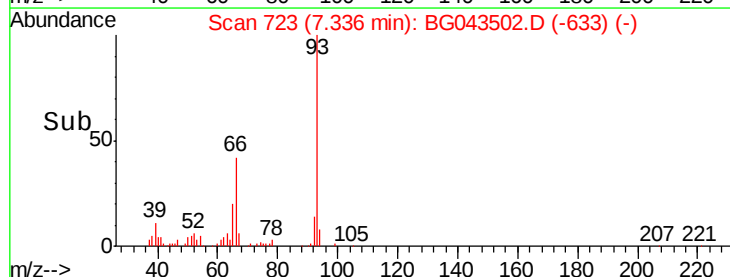
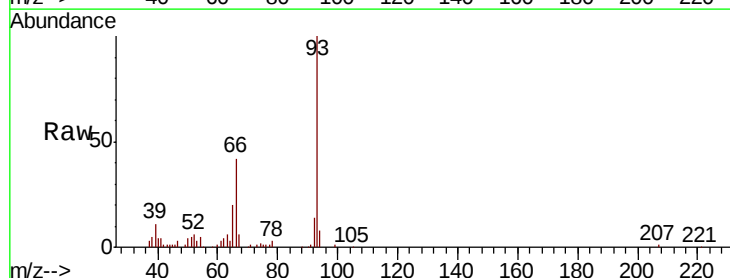
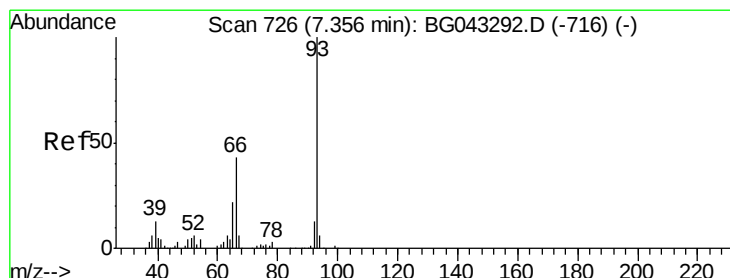
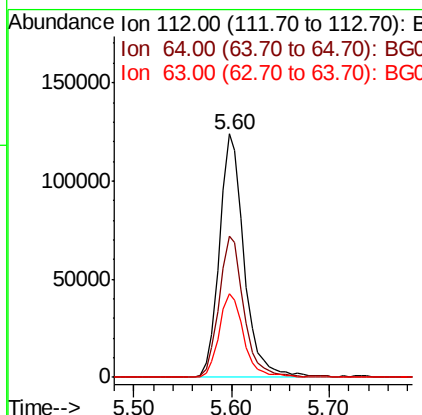
BNA_G

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#6

Aniline

Concen: 28.426 ng

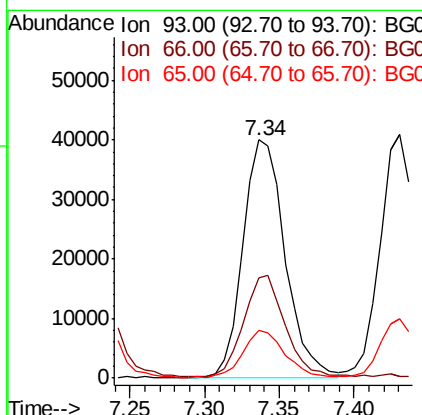
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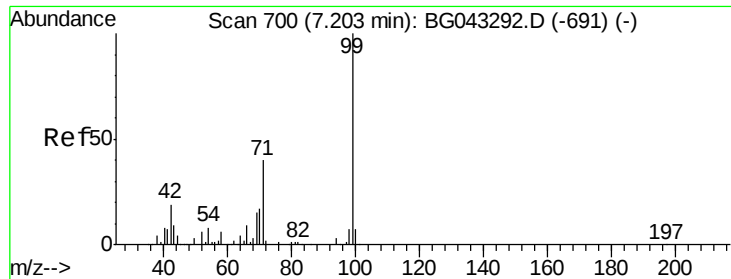
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	93	Resp:	78121
Ion Ratio	Lower	Upper	
93	100		
66	42.3	32.3	48.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 121.508 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

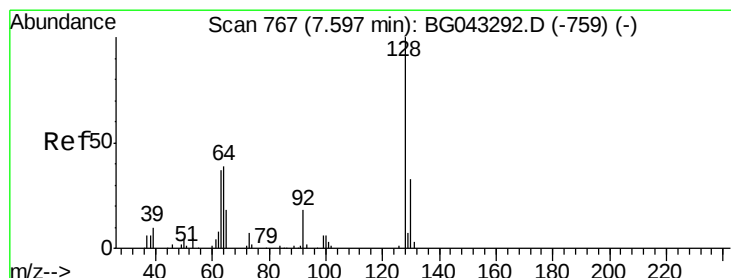
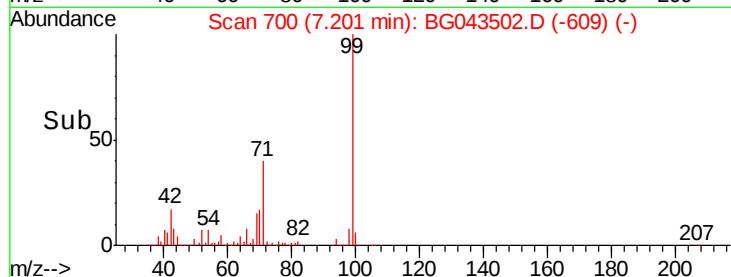
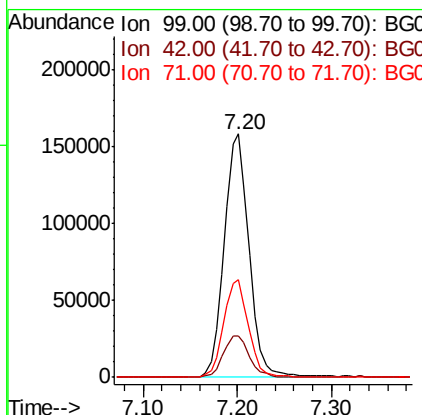
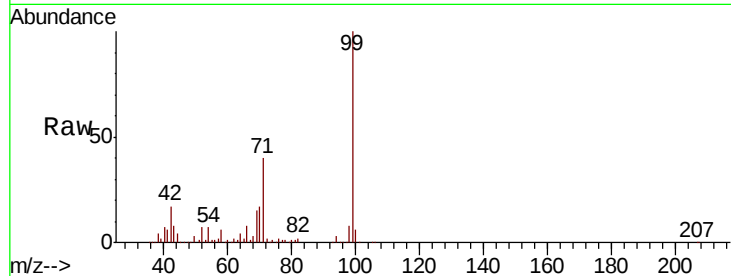
ClientSampleId :

PB124505BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		289882		
42	16.8	14.6	21.8		
71	40.1	32.5	48.7		

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#8

2-Chlorophenol

Concen: 48.243 ng

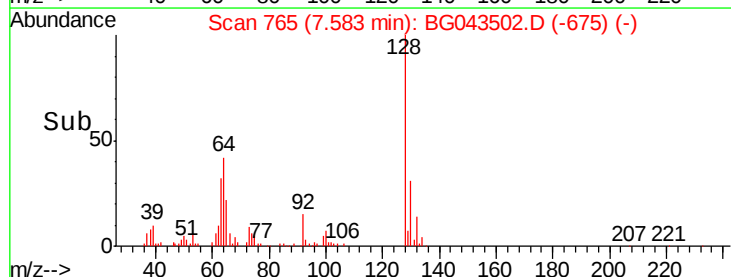
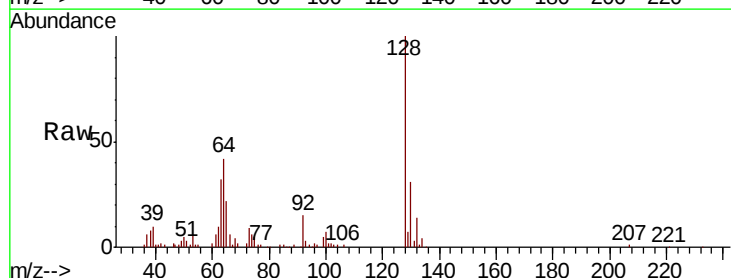
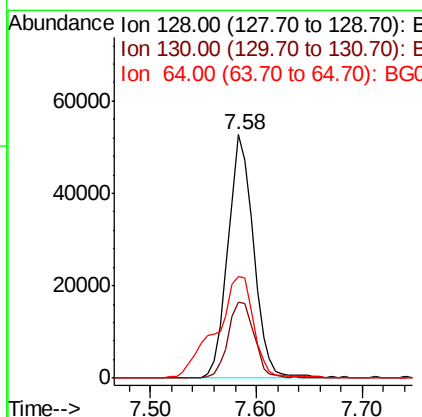
RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		88305		
130	31.4	12.5	52.5		
64	41.6	25.3	65.3		





#9

Benzaldehyde

Concen: 24.106 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

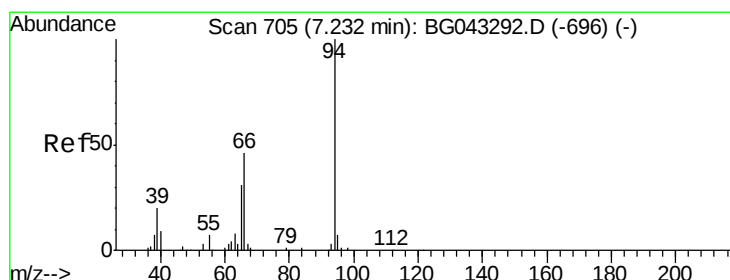
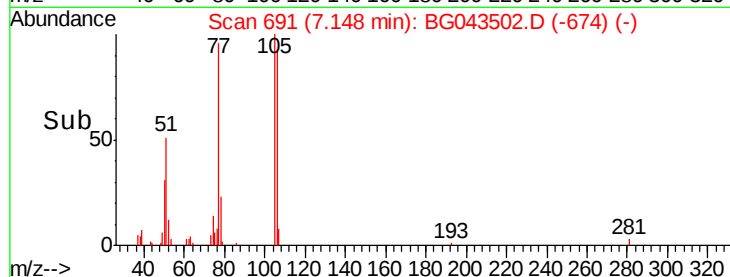
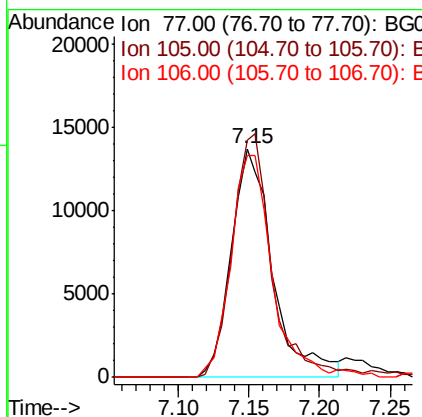
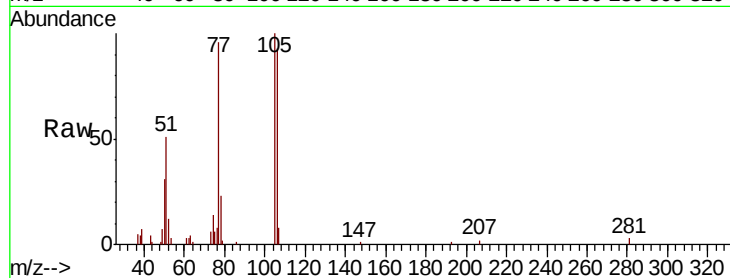
ClientSampleId :

PB124505BS

Tot Ion:	77	Resp:	28263
Ion	Ratio	Lower	Upper
77	100		
105	104.1	68.6	108.6
106	97.1	69.9	109.9

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#10

Phenol

Concen: 46.956 ng

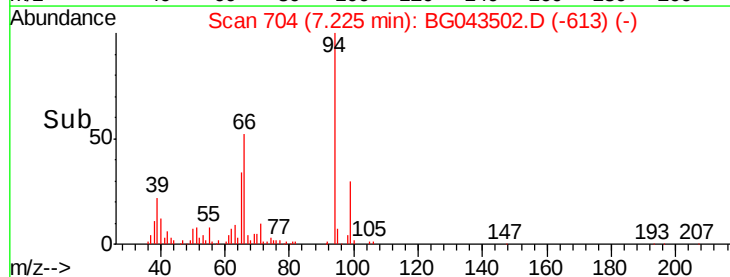
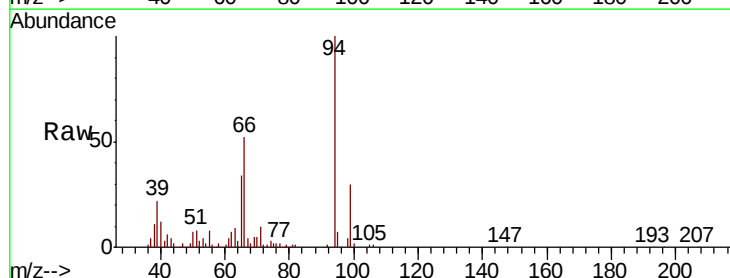
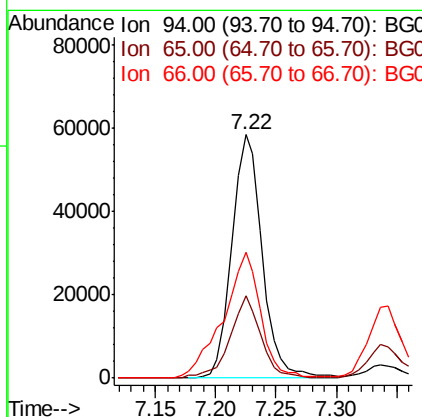
RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	94	Resp:	102366
Ion	Ratio	Lower	Upper
94	100		
65	33.8	12.6	52.6
66	51.7	30.7	70.7





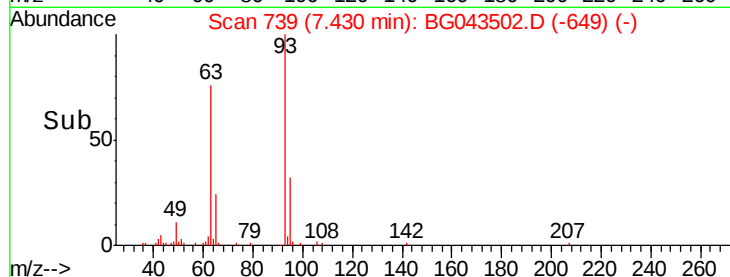
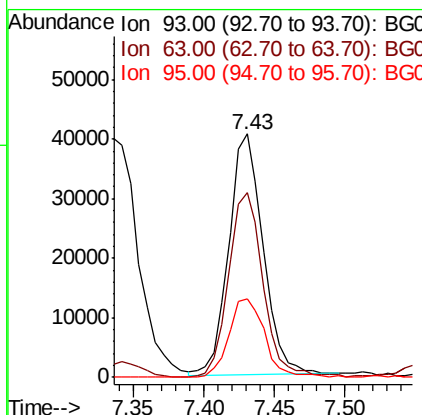
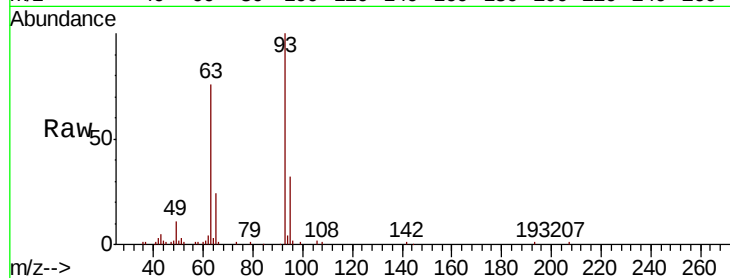
#11
bis(2-Chloroethyl)ether
Concen: 40.602 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	56.3	96.3
95	32.3	12.2	52.2

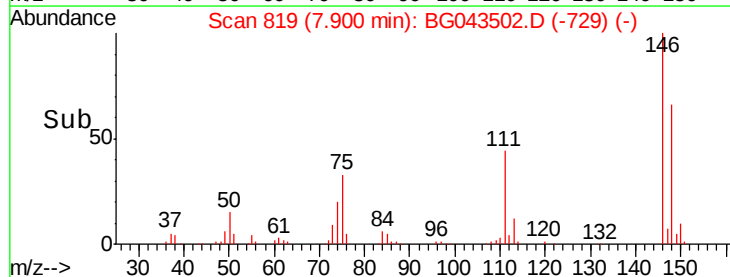
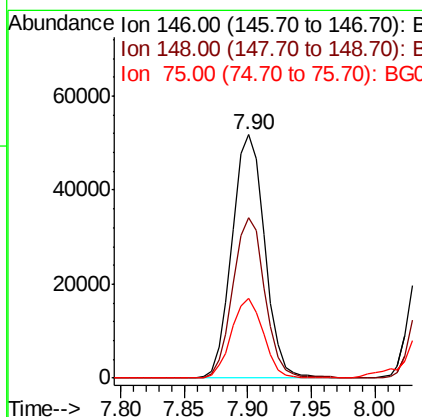
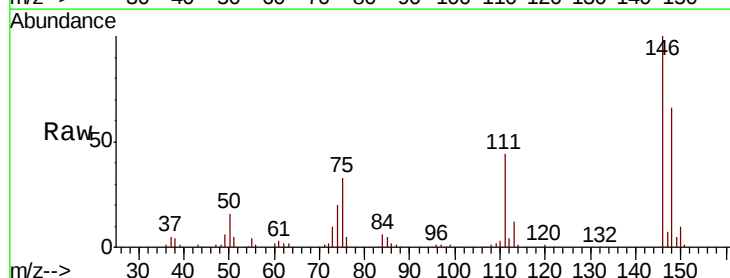
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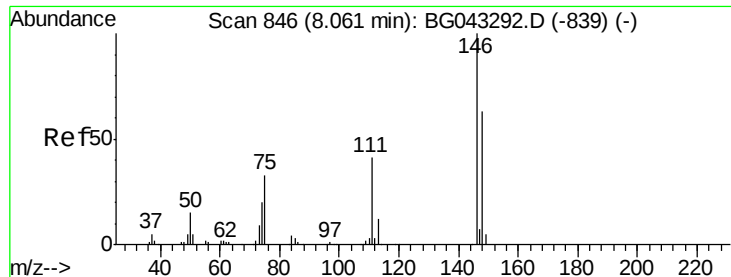
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.083 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.3	75.5
75	32.8	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 41.155 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

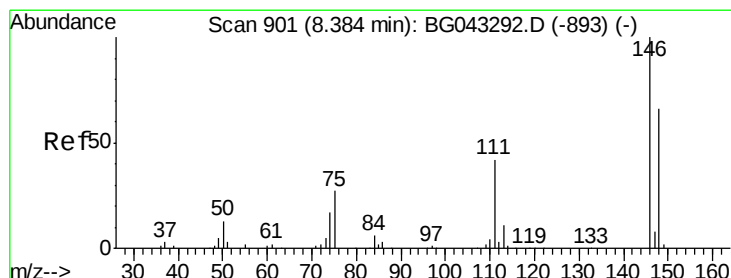
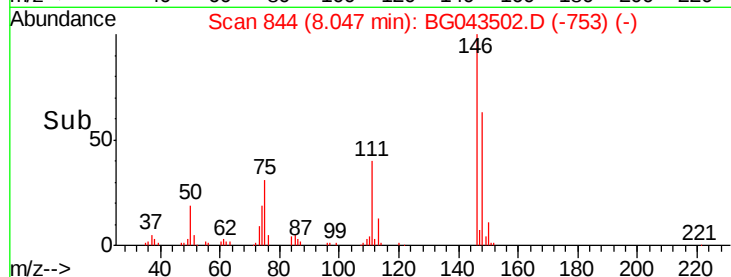
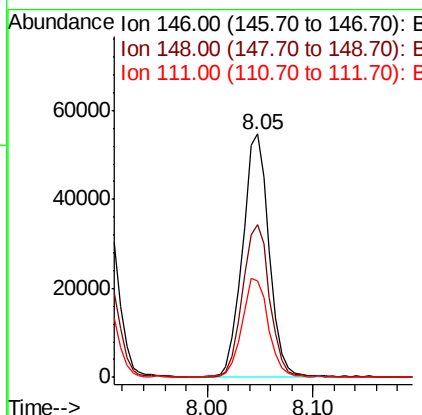
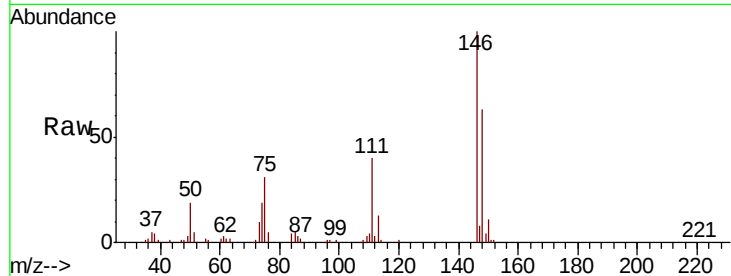
ClientSampleId :

PB124505BS

Tot Ion:	146	Resp:	95494
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.7	76.1
111	39.6	33.4	50.2

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#14

1,2-Dichlorobenzene

Concen: 40.363 ng

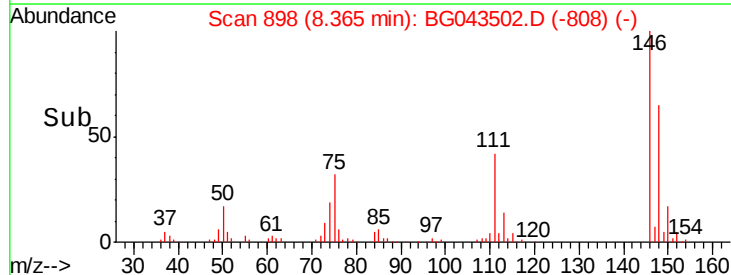
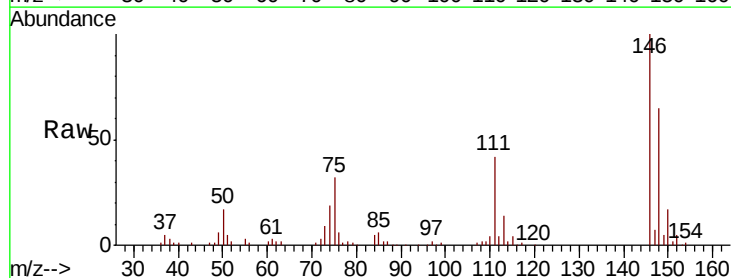
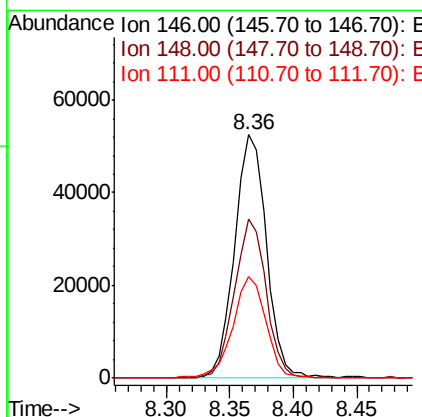
RT: 8.36 min Scan# 898

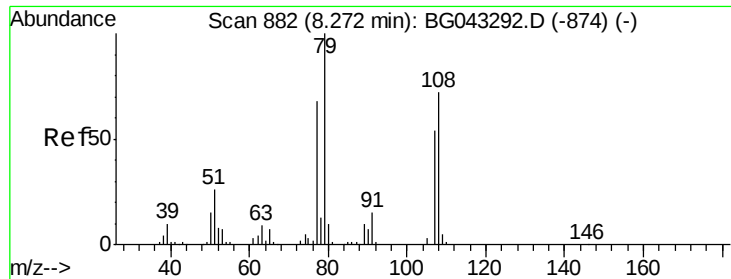
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	146	Resp:	91444
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.2	79.8
111	41.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.354 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

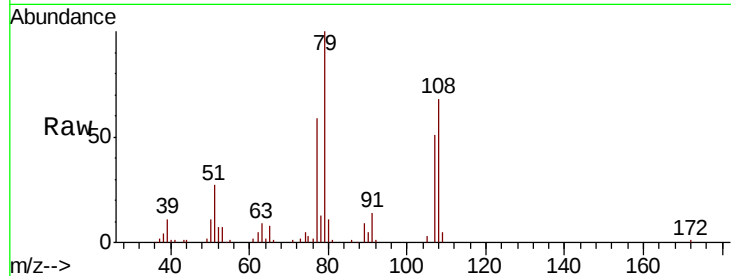
ClientSampleID :

PB124505BS

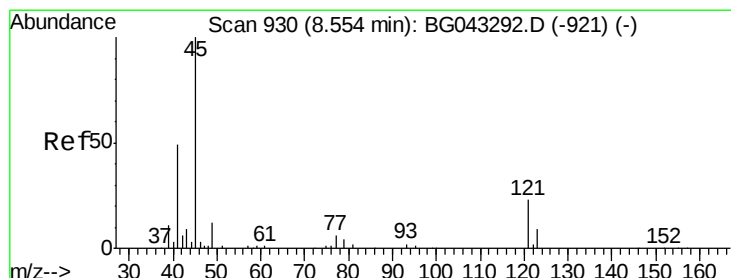
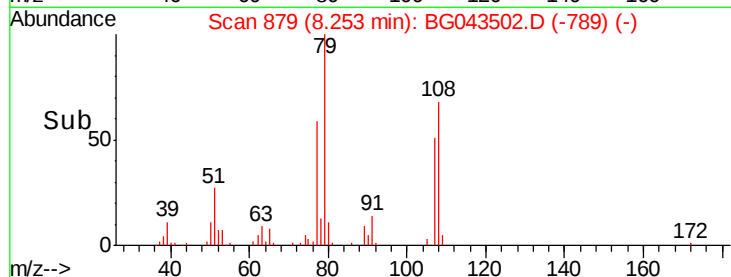
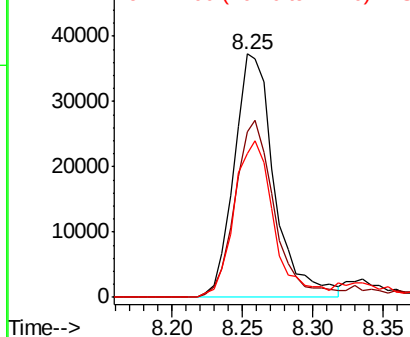
Tot Ion:	79	Resp:	74314
Ion	Ratio	Lower	Upper
79	100		
108	68.0	53.6	80.4
77	59.1	49.6	74.4

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.925 ng

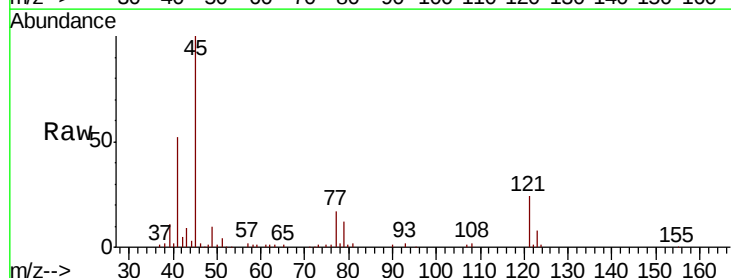
RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

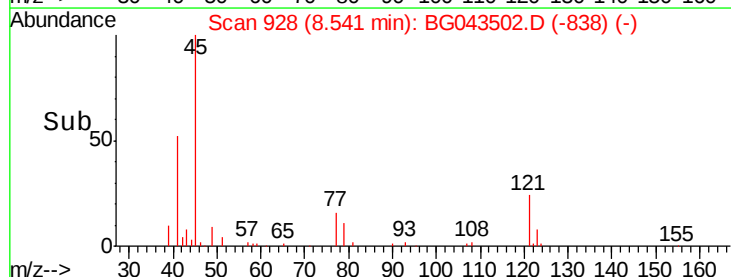
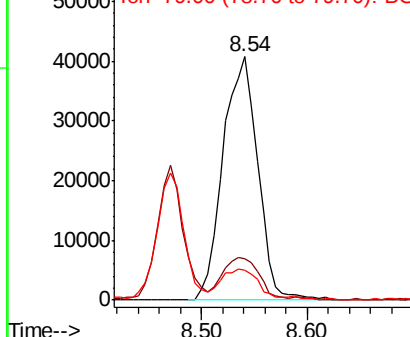
Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	45	Resp:	92947
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	34.9
79	12.5	0.0	33.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.279 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

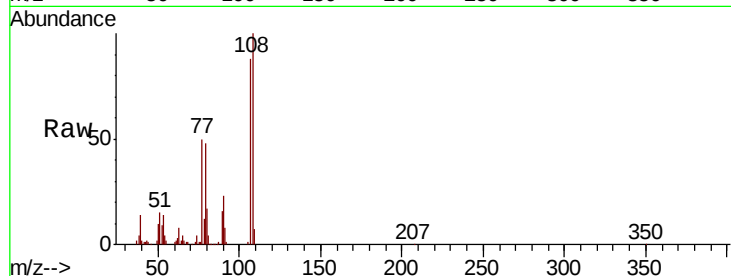
ClientSampleId :

PB124505BS

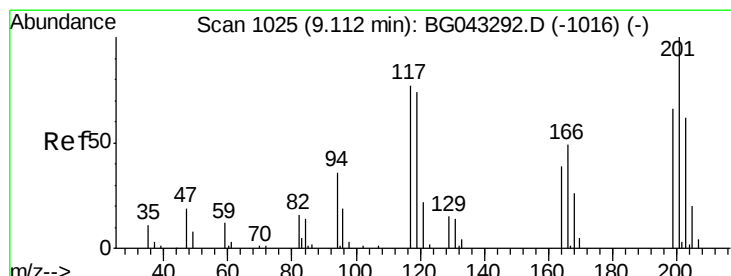
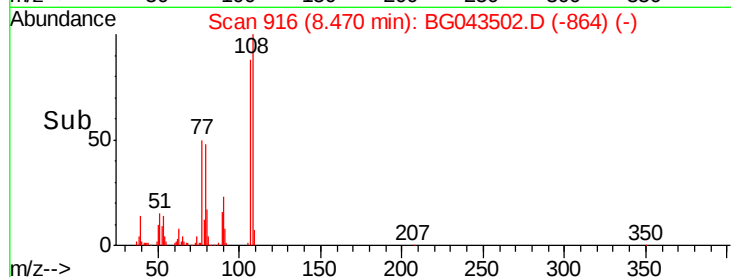
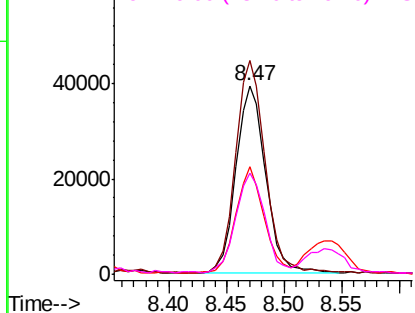
Tot Ion:	107	Resp:	70371
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.4
77	57.1	40.2	60.2
79	53.9	44.0	66.0

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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: 41.136 ng

RT: 9.09 min Scan# 1022

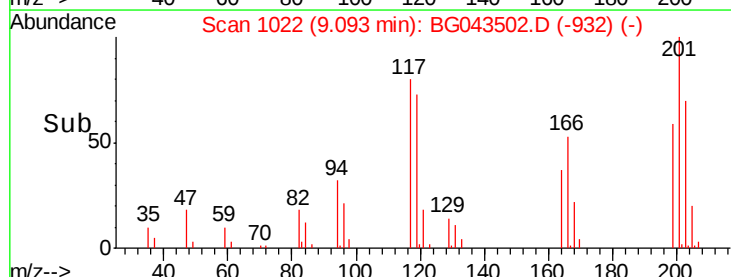
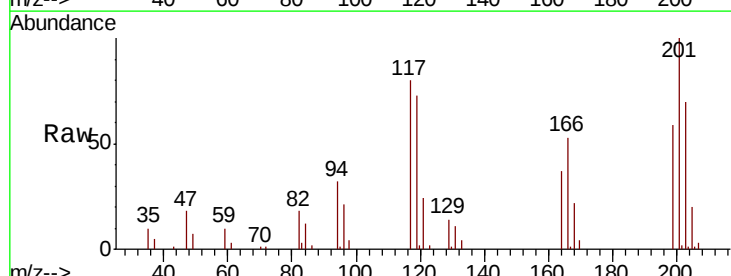
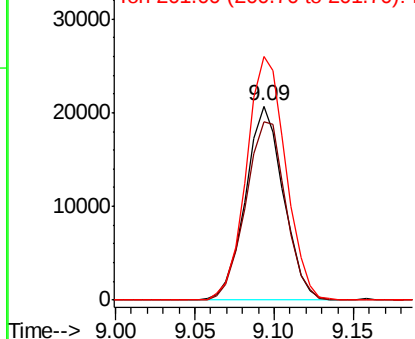
Delta R.T. -0.00 min

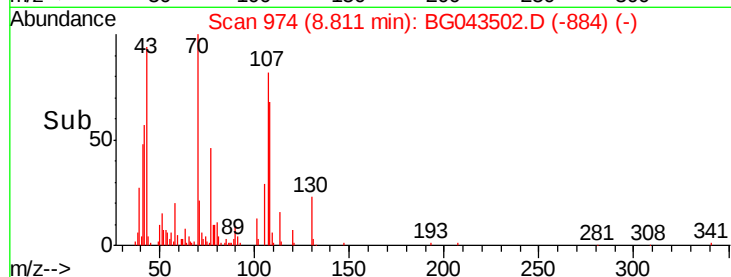
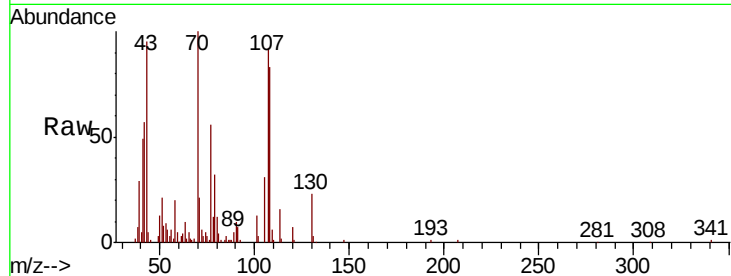
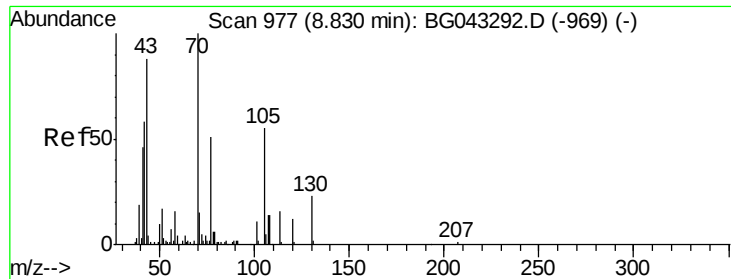
Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	117	Resp:	34437
Ion	Ratio	Lower	Upper
117	100		
119	92.2	79.0	118.4
201	125.5	105.4	158.2

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





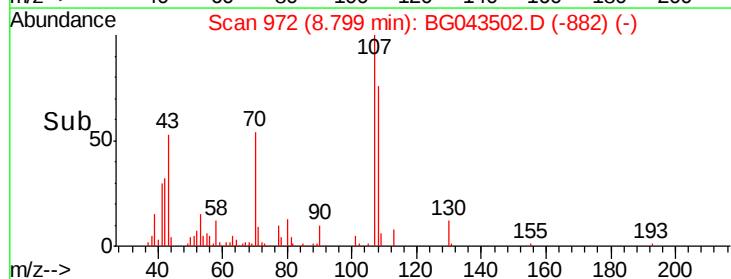
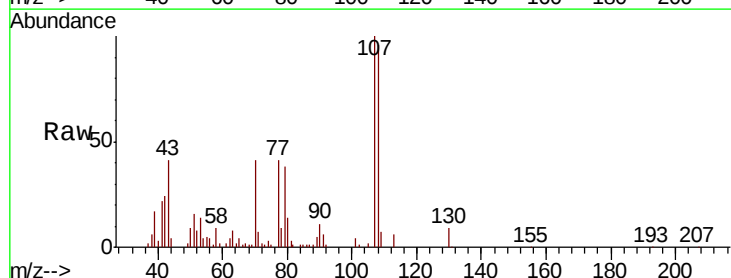
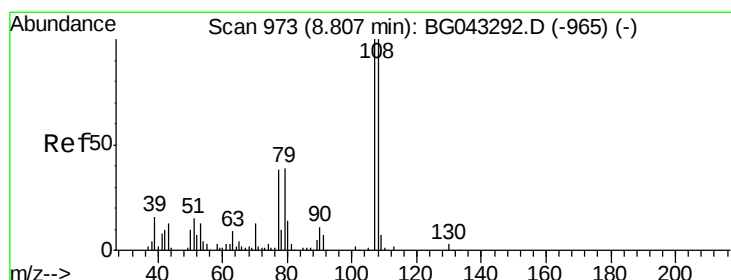
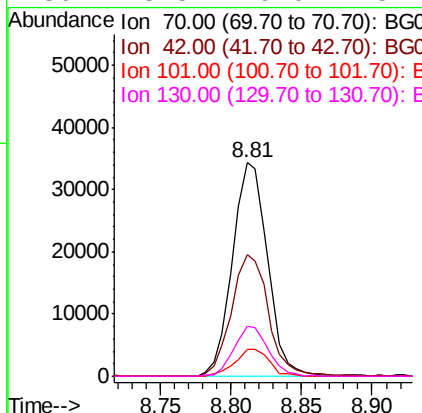
#19
n-Nitroso-di-n-propylamine
Concen: 38.583 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	41.4	62.2	
101	12.5	7.9	11.9	
130	23.5	19.0	28.4	

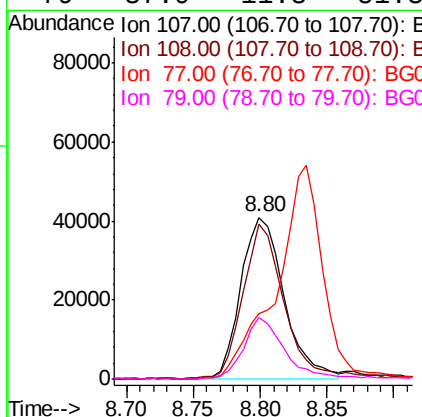
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#20
3+4-Methylphenols
Concen: 42.160 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.8	66.6	106.6	
77	40.6	20.9	60.9	
79	37.9	11.3	51.3	





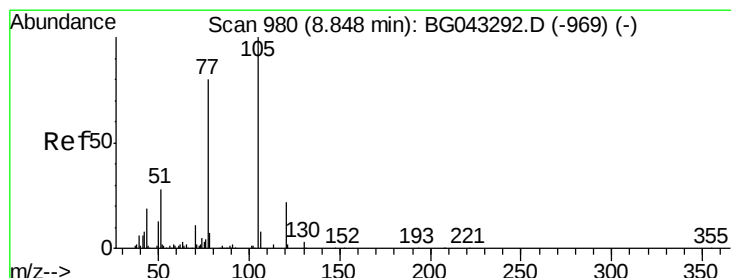
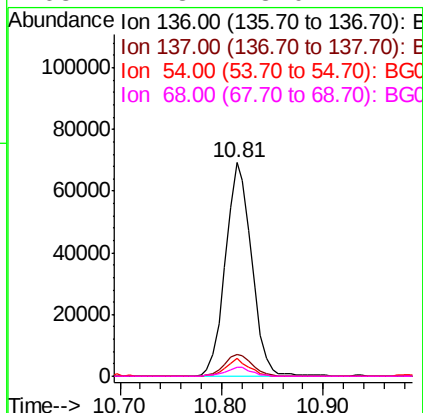
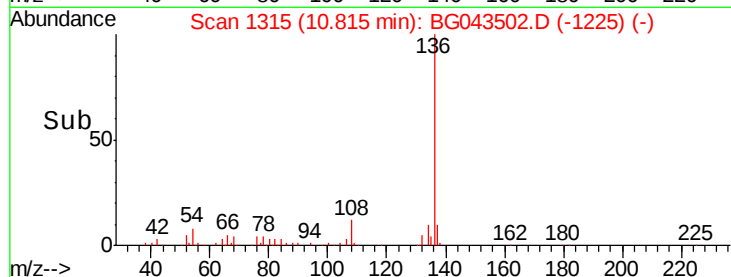
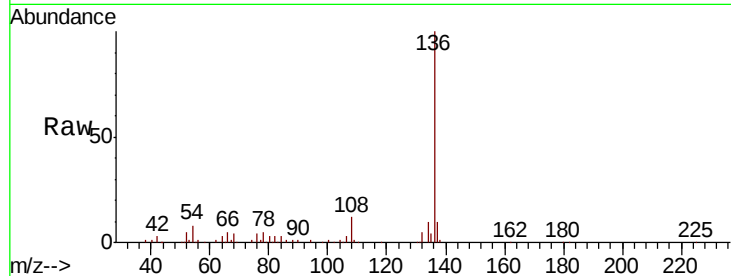
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	123763		
137	10.1	8.7	13.1	
54	8.3	5.4	8.2#	
68	4.3	3.0	4.4	

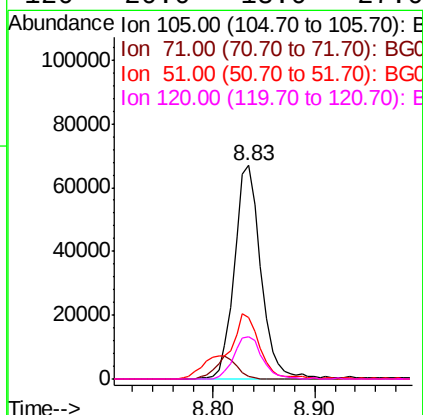
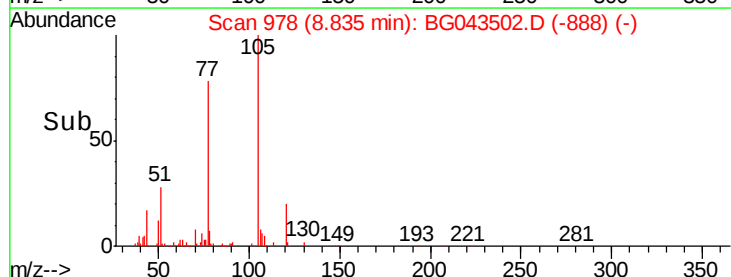
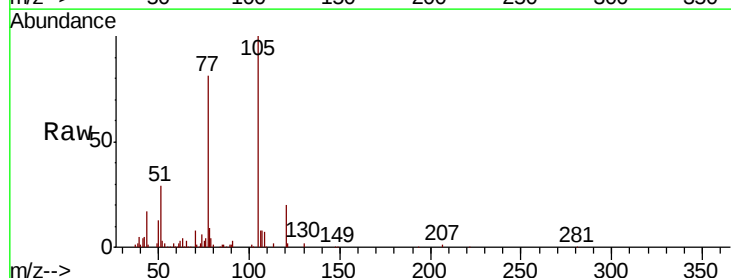
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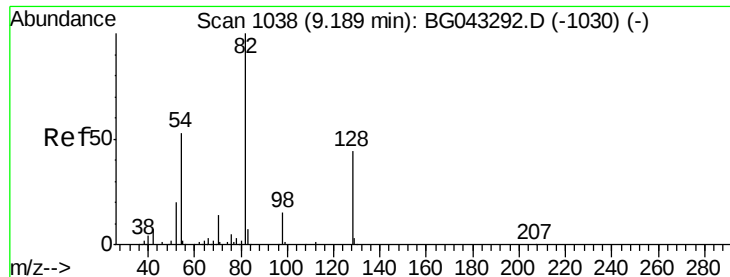
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#22
Acetophenone
Concen: 38.564 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122225		
71	1.2	0.8	1.2#	
51	29.0	21.0	31.4	
120	20.0	18.0	27.0	





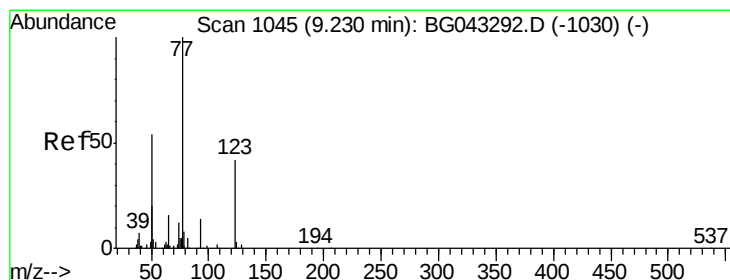
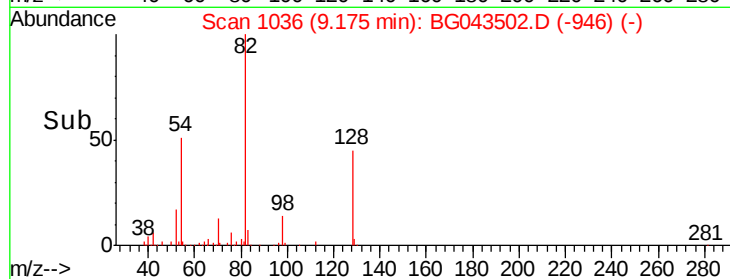
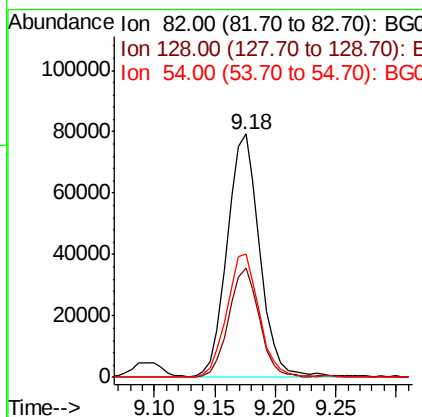
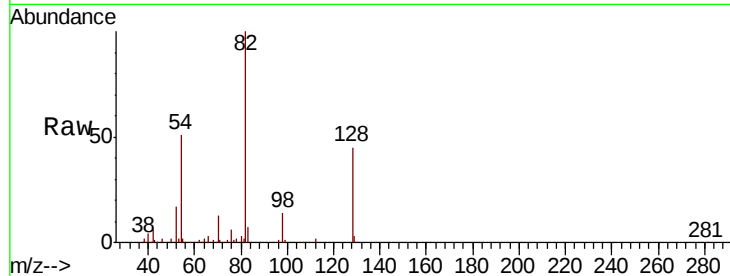
#23
Nitrobenzene-d5
Concen: 61.813 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.6
54	50.5	40.2	60.2

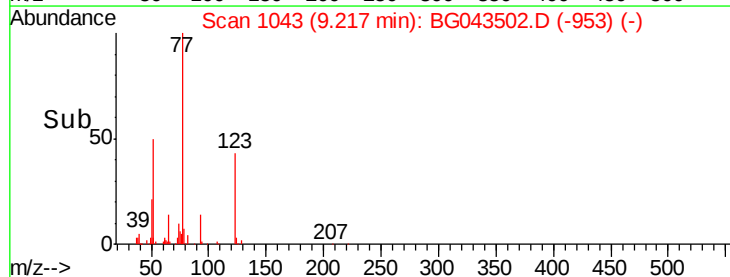
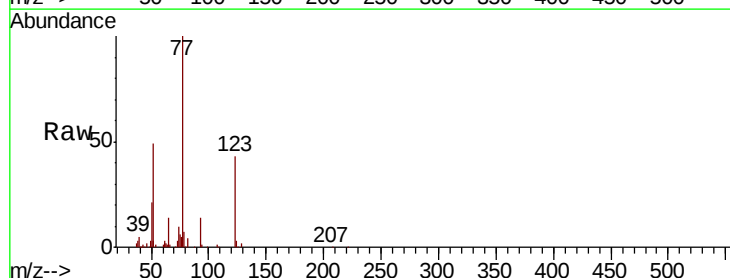
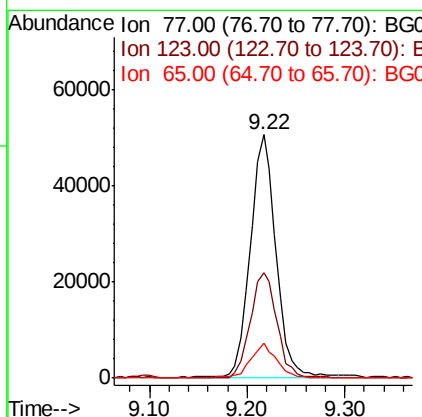
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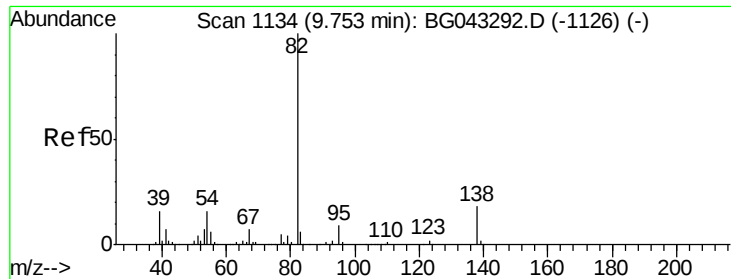
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#24
Nitrobenzene
Concen: 41.272 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.0	52.6
65	14.2	9.5	14.3





#25

Isophorone

Concen: 39.369 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

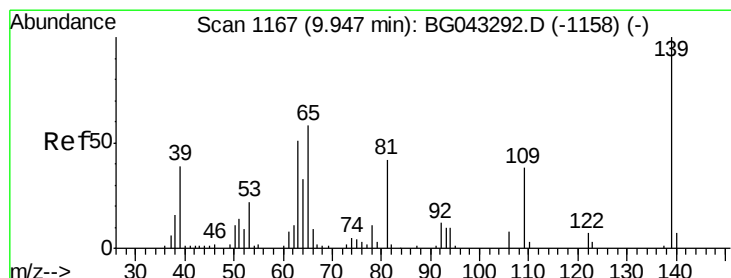
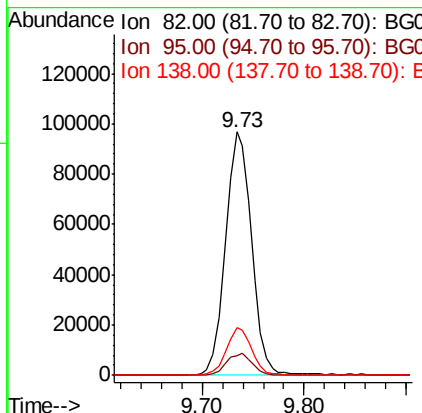
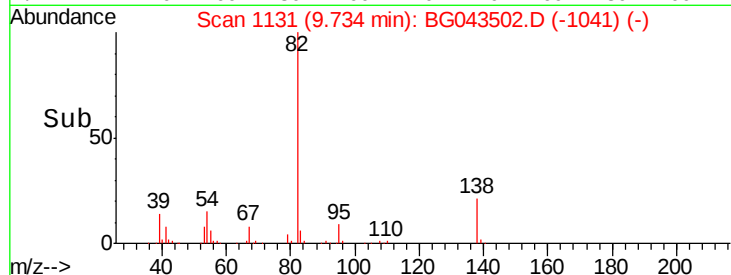
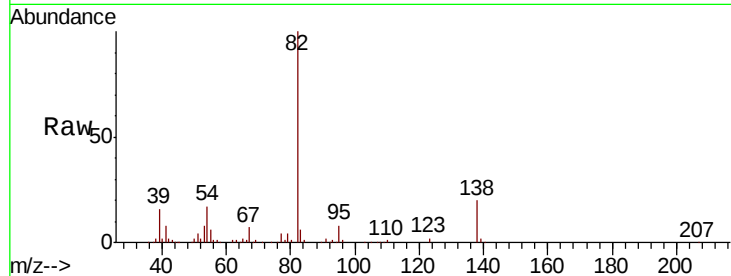
ClientSampleId :

PB124505BS

Tot Ion:	82	Resp:	172792
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.6	9.8
138	19.6	15.2	22.8

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#26

2-Nitrophenol

Concen: 45.188 ng

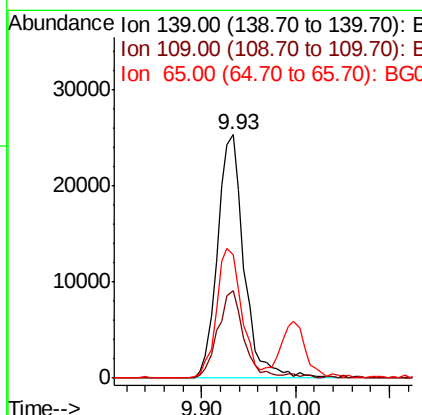
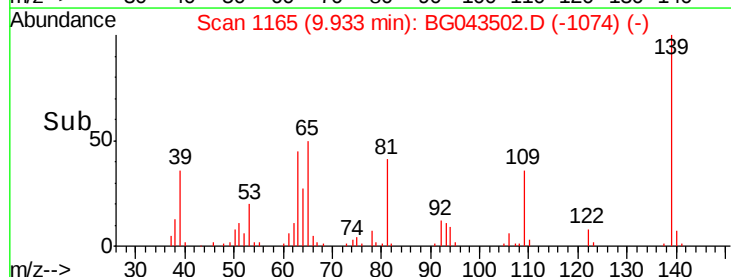
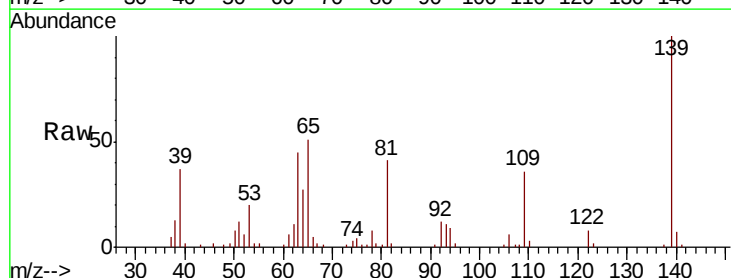
RT: 9.93 min Scan# 1165

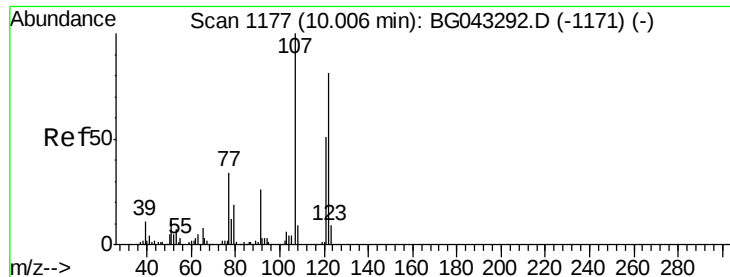
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	139	Resp:	49890
Ion Ratio	Lower	Upper	
139	100		
109	35.9	26.5	39.7
65	50.5	43.8	65.8





#27

2,4-Dimethylphenol

Concen: 49.996 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

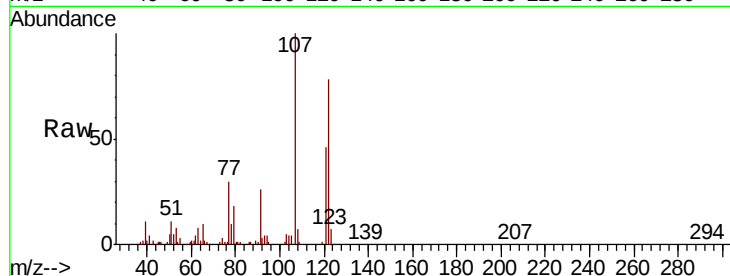
ClientSampleId :

PB124505BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.0	104.4	156.6
121	59.4	47.2	70.8

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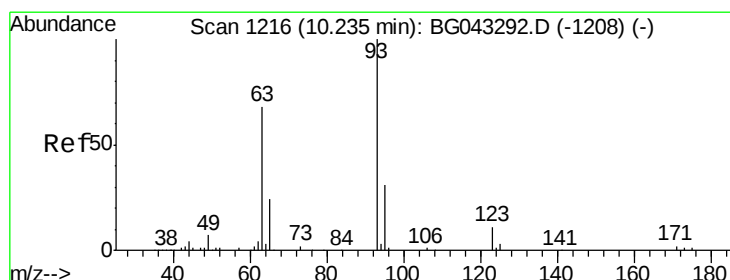
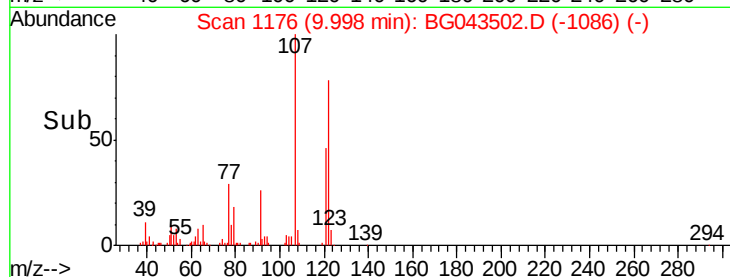
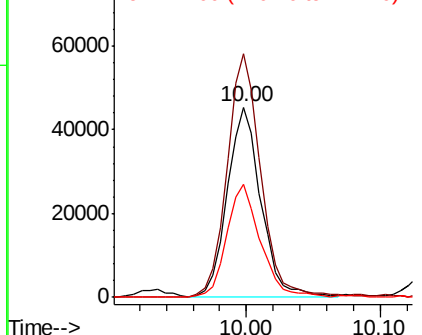


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.954 ng

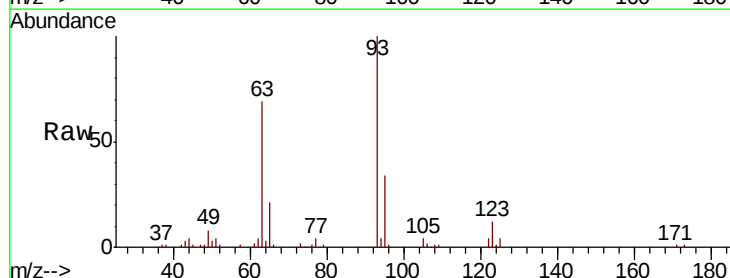
RT: 10.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.0	39.0
123	12.5	10.6	15.8

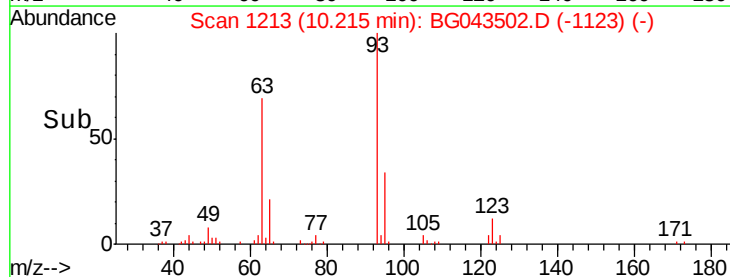
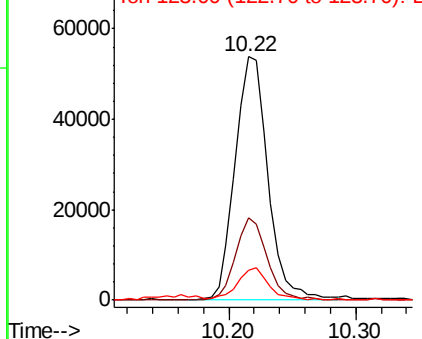


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





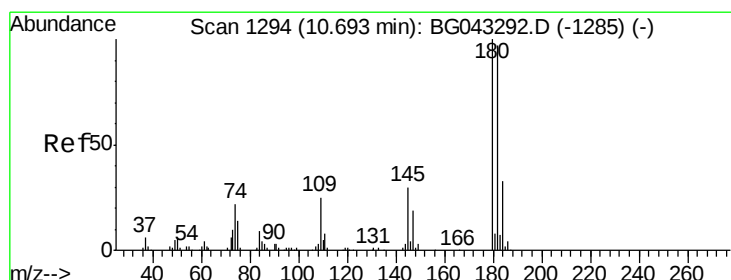
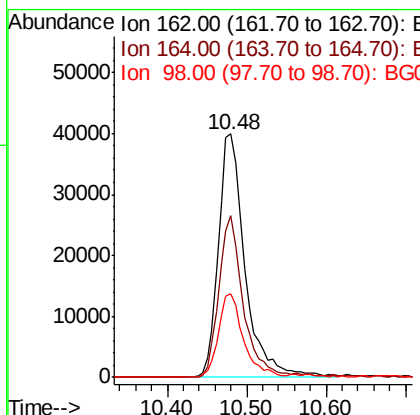
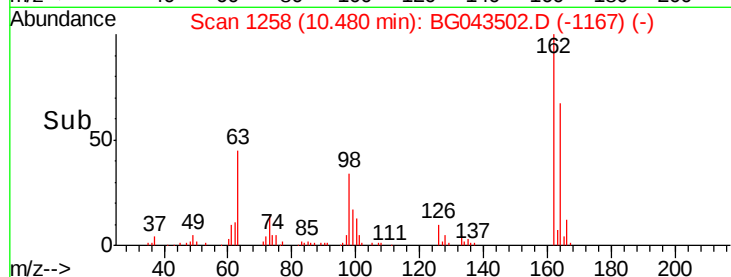
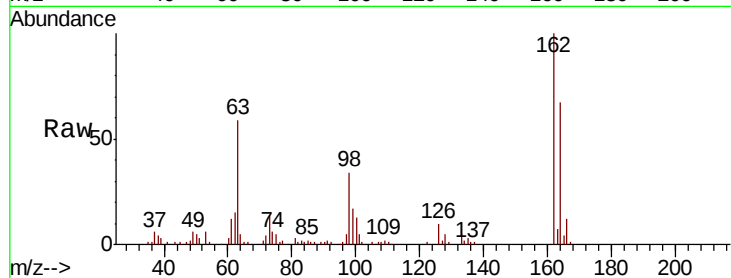
#29
2,4-Dichlorophenol
Concen: 45.761 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.9	88.9
98	34.2	15.1	55.1

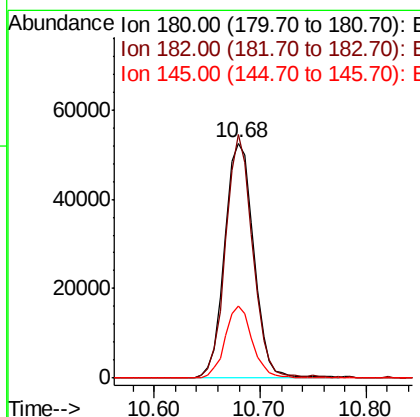
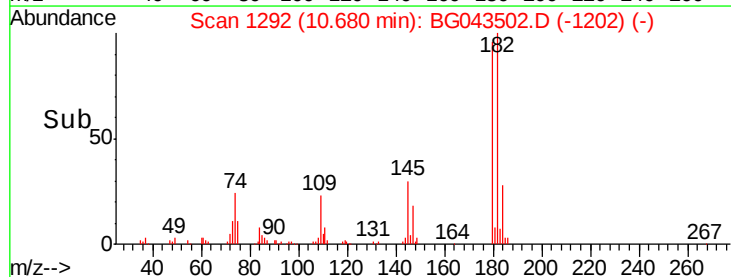
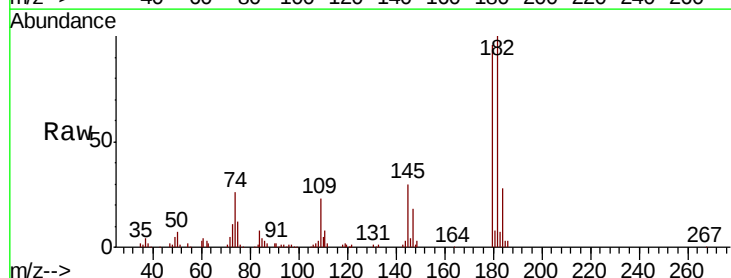
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#30
1,2,4-Trichlorobenzene
Concen: 39.294 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.8	75.1	112.7
145	30.7	23.9	35.9





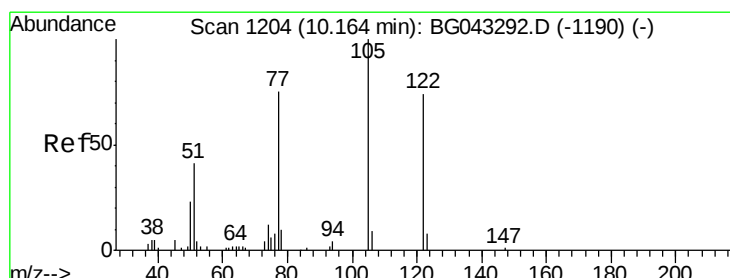
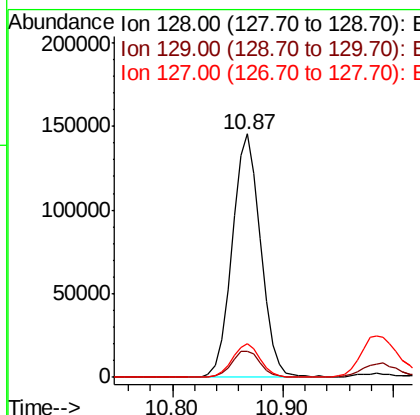
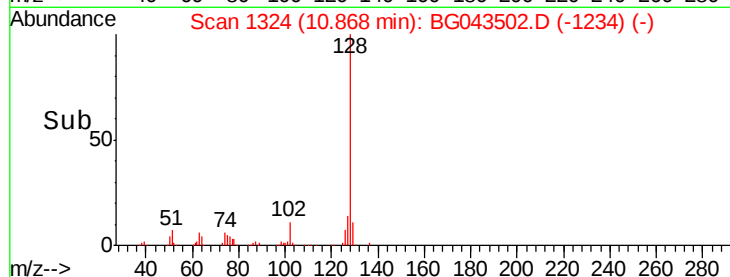
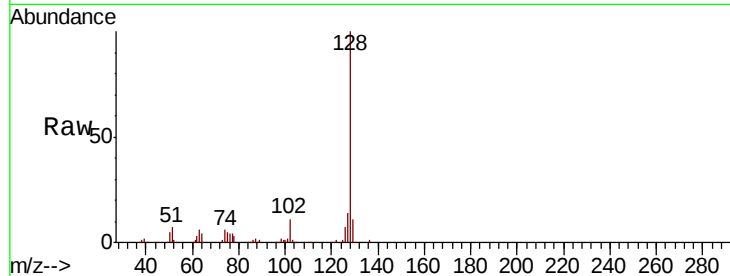
#31
Naphthalene
Concen: 41.825 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.0
127	14.0	11.1	16.7

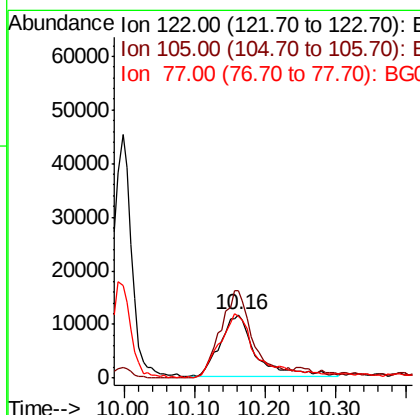
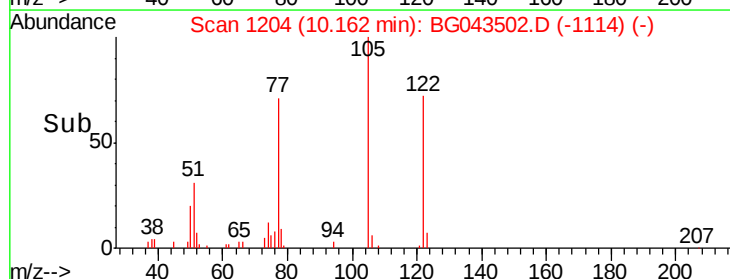
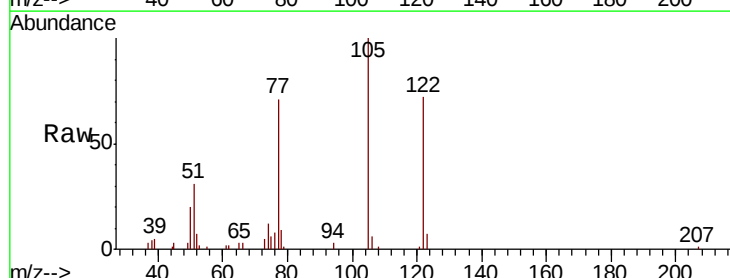
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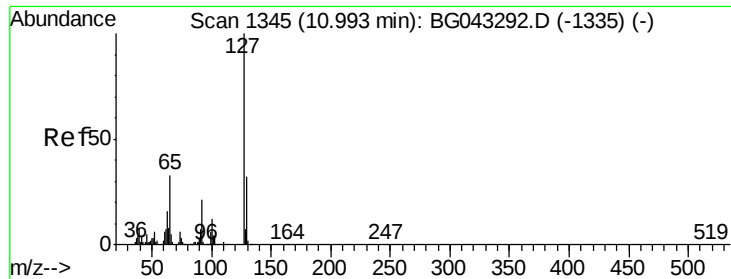
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#32
Benzoic acid
Concen: 35.990 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.2	103.3	143.3
77	98.5	84.9	124.9





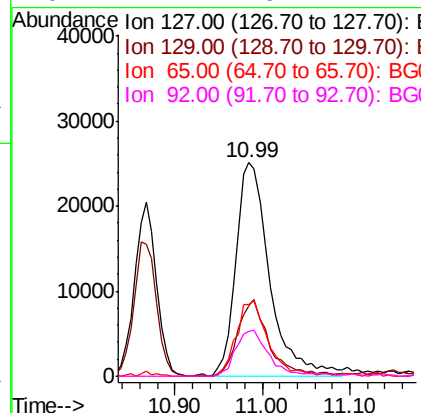
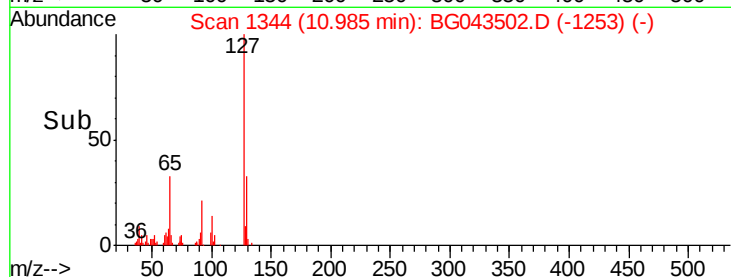
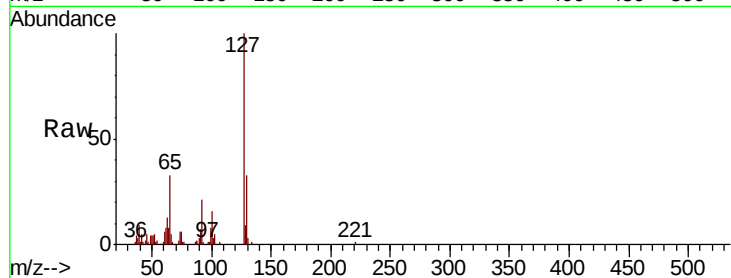
#33
4-Chloroaniline
Concen: 25.630 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	33.5	26.4	39.6
92	21.1	16.2	24.2

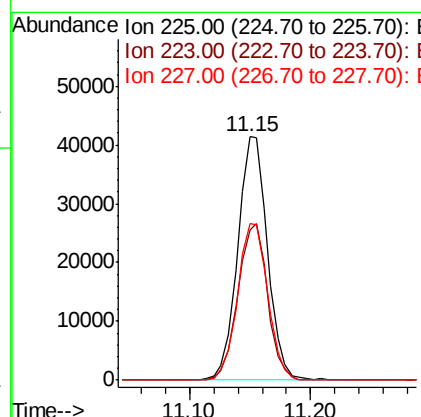
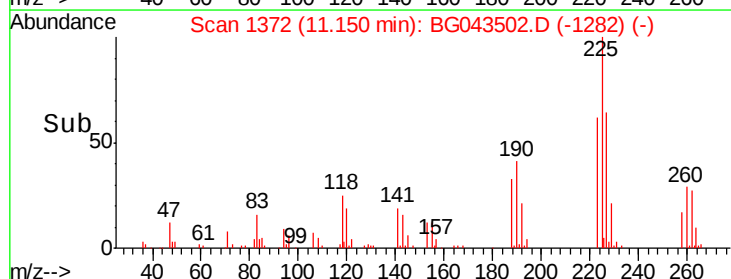
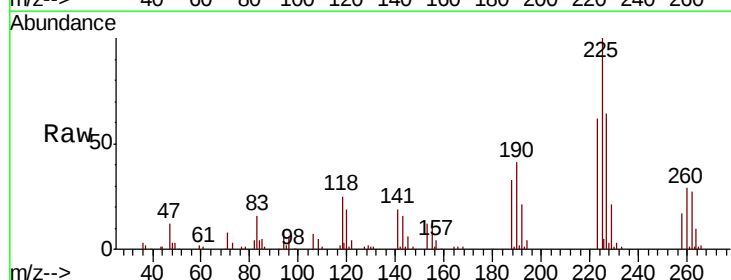
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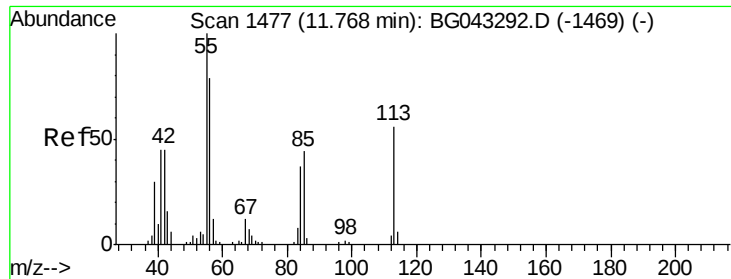
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#34
Hexachlorobutadiene
Concen: 37.585 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.7	79.1
227	64.2	54.8	82.2





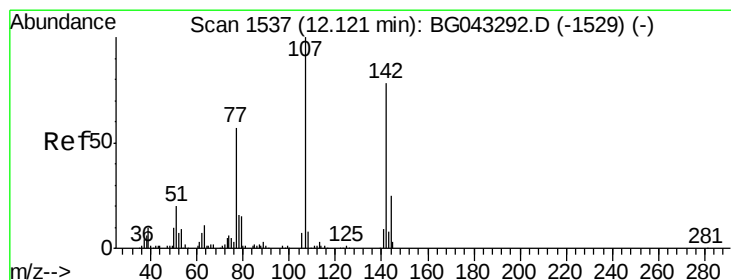
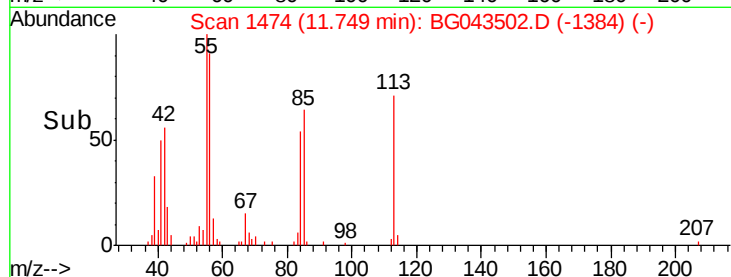
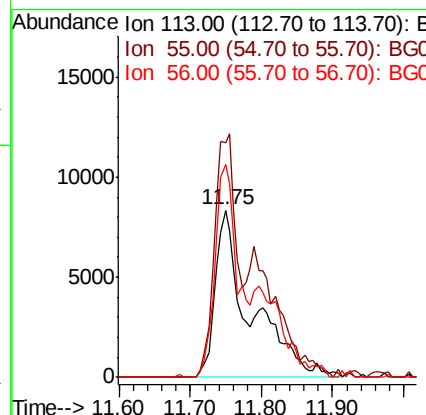
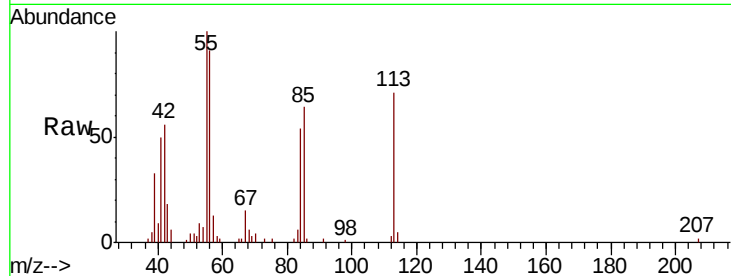
#35
 Caprolactam
 Concen: 41.081 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.0	134.1	174.1
56	127.4	100.4	140.4

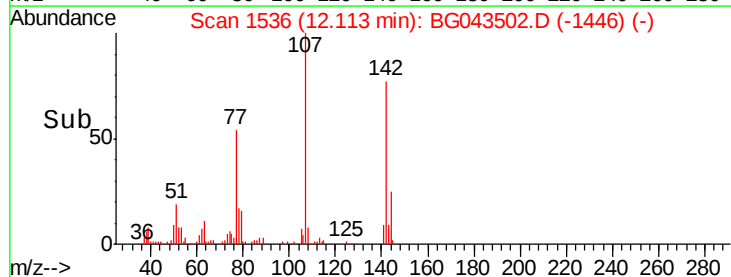
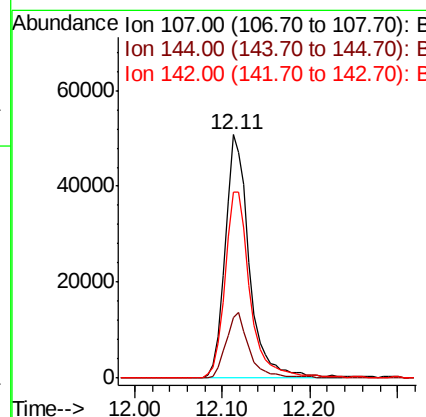
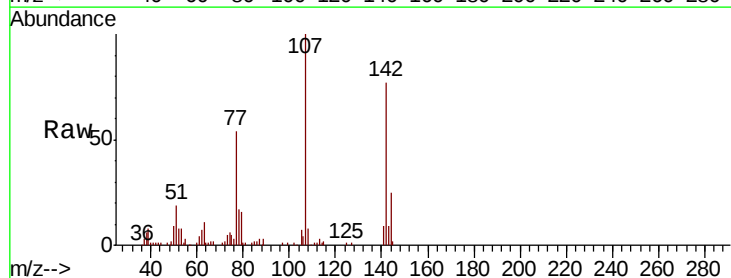
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#36
 4-Chloro-3-methylphenol
 Concen: 43.851 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.9	31.3
142	76.6	59.6	89.4





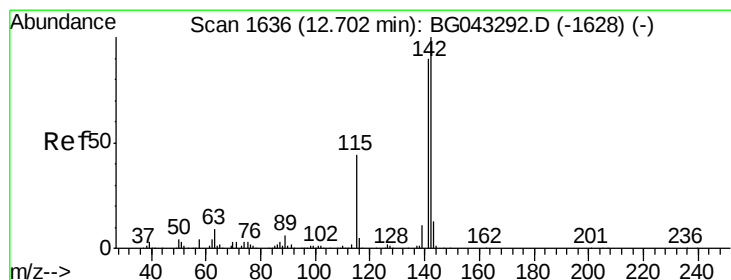
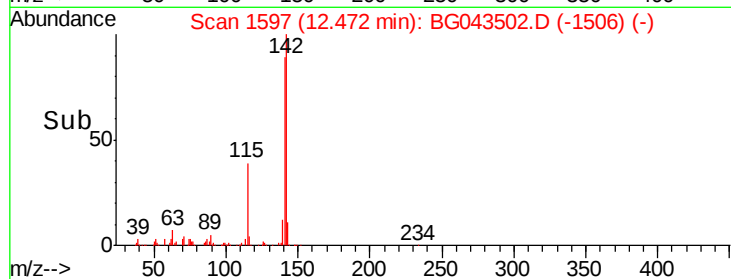
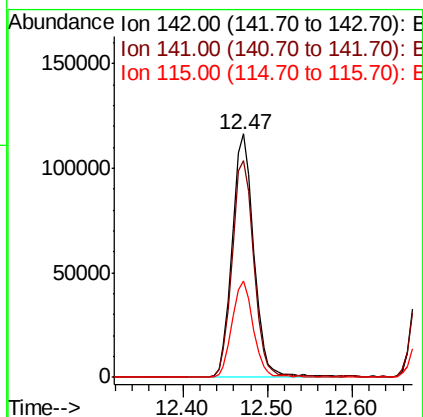
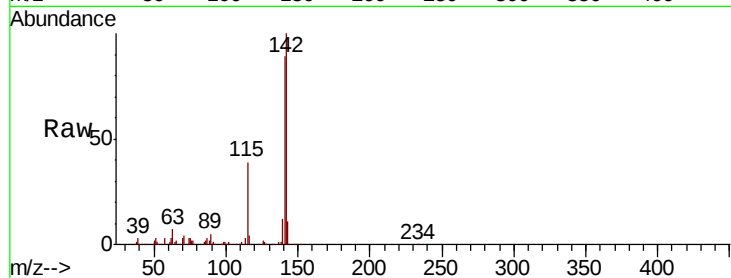
#37
2-Methylnaphthalene
Concen: 42.417 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2
115	39.5	33.2	49.8

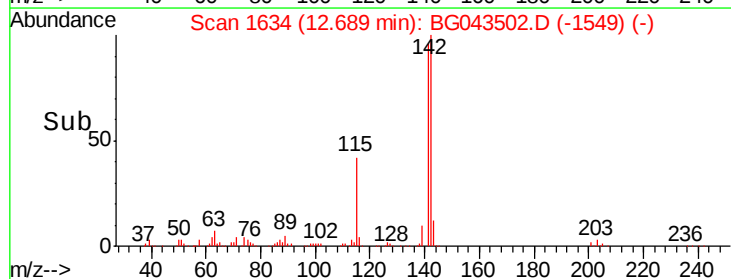
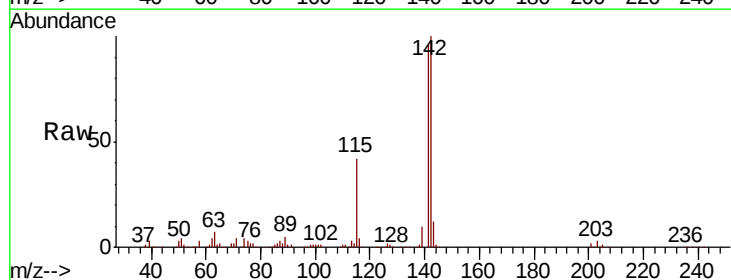
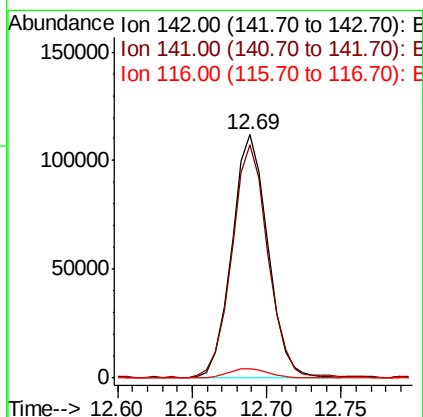
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#38
1-Methylnaphthalene
Concen: 40.853 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.2	109.8
116	4.1	3.6	5.4





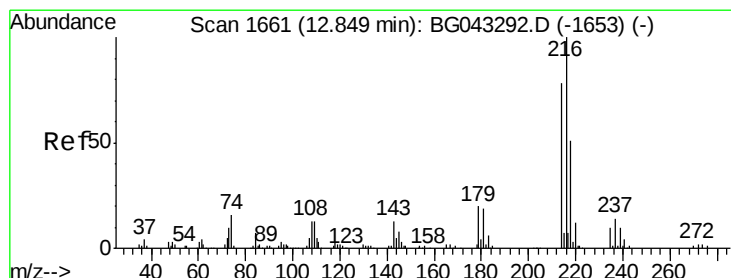
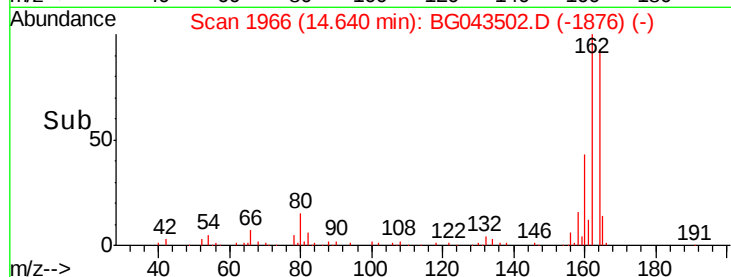
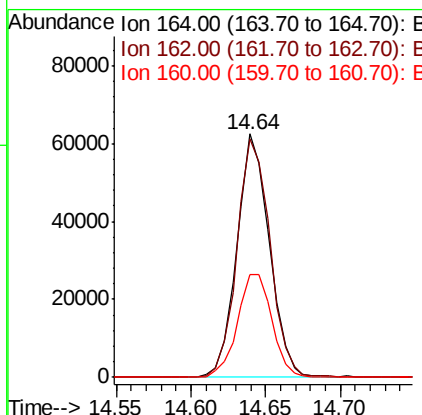
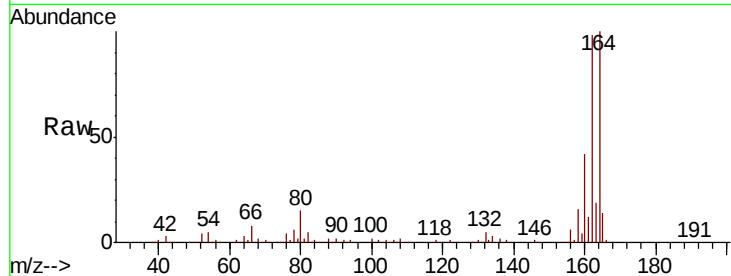
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	83.5	125.3
160	42.4	36.5	54.7

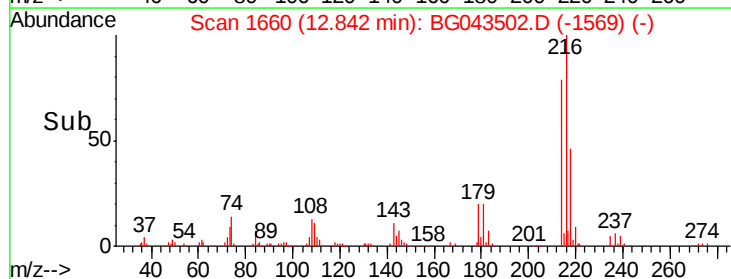
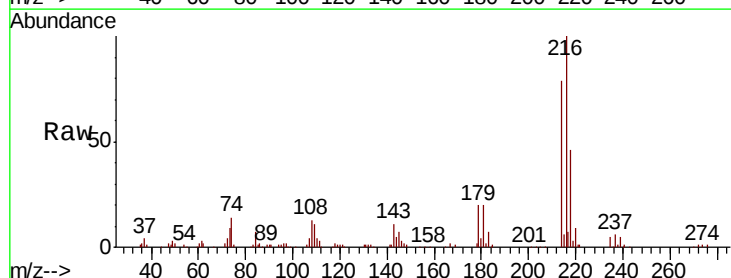
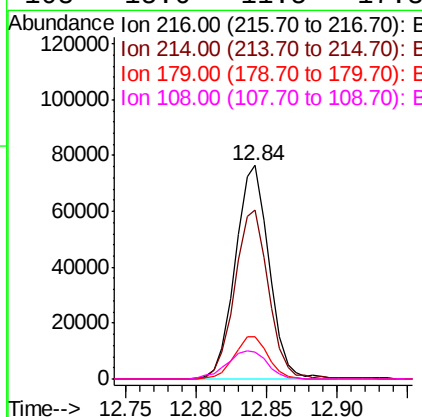
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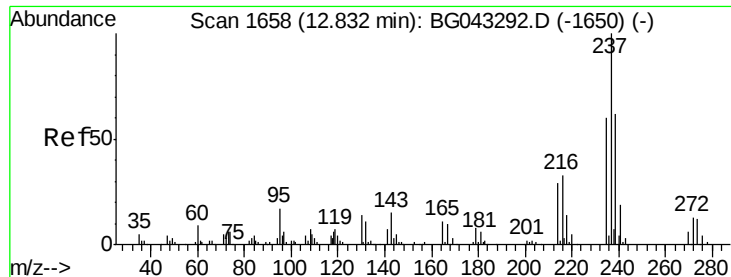
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.545 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	61.7	92.5
179	20.1	15.8	23.8
108	15.6	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 54.903 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

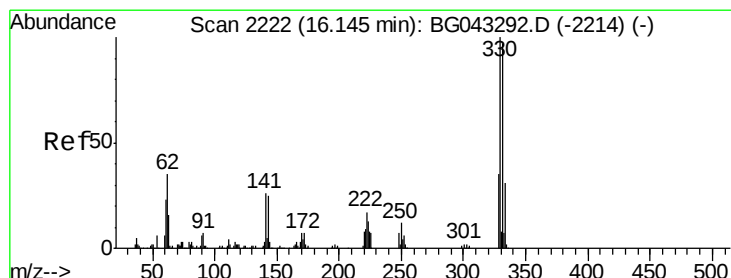
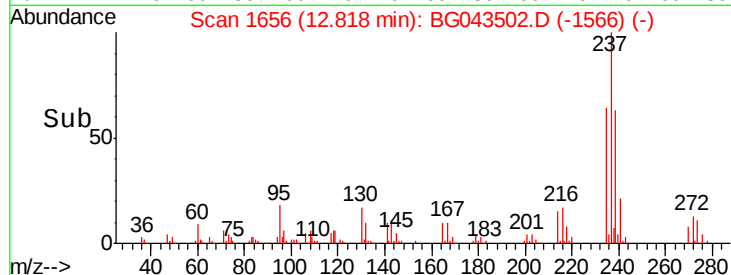
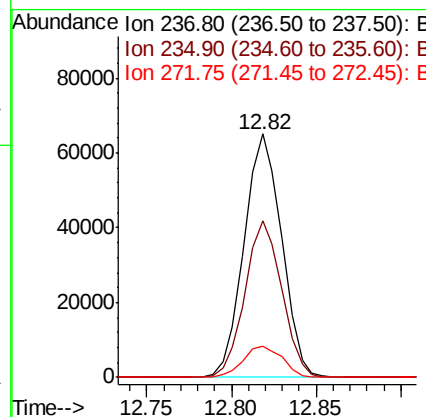
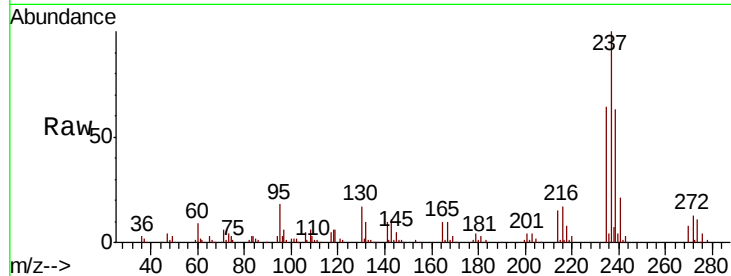
ClientSampleId :

PB124505BS

Tot Ion:	237	Resp:	100807
Ion Ratio		Lower	Upper
237	100		
235	64.4	41.6	81.6
272	12.7	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 108.285 ng

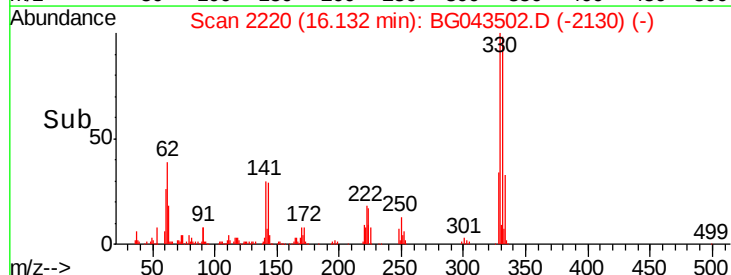
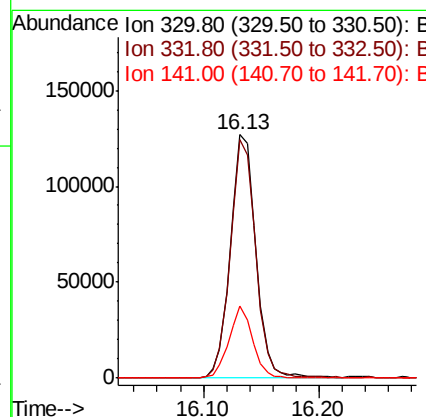
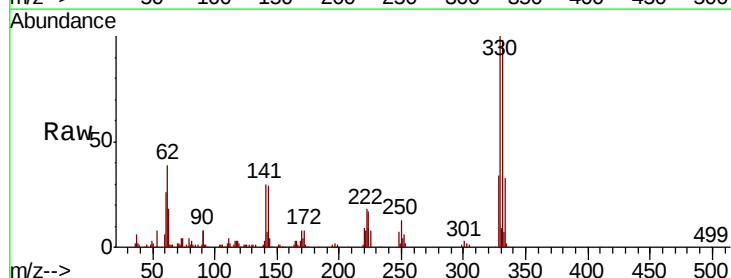
RT: 16.13 min Scan# 2220

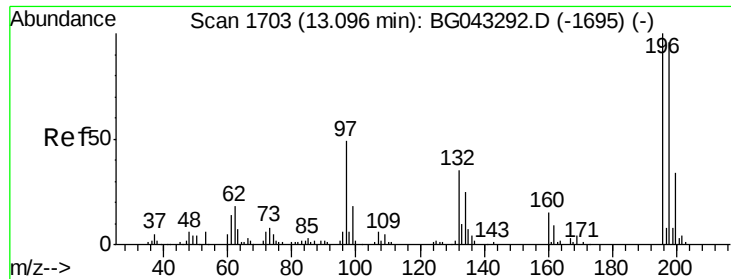
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	330	Resp:	194621
Ion Ratio		Lower	Upper
330	100		
332	97.4	77.4	116.0
141	27.6	22.8	34.2





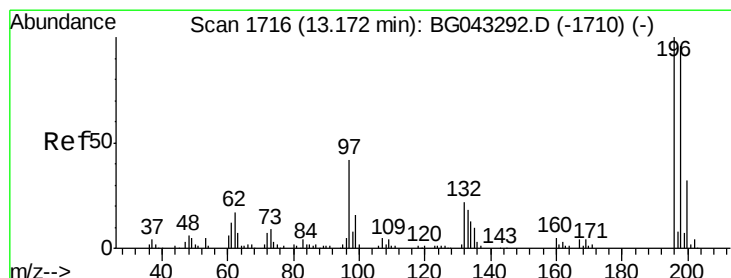
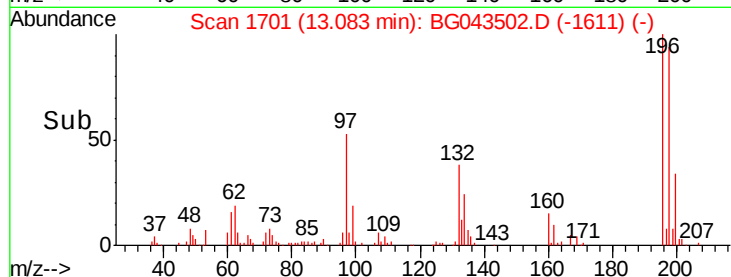
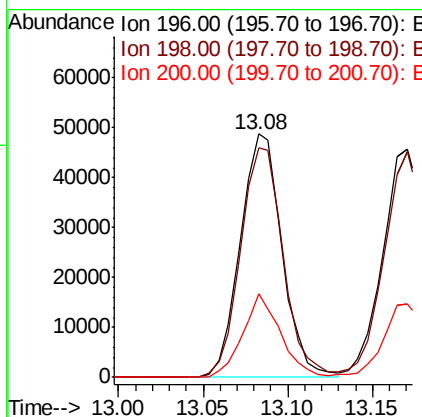
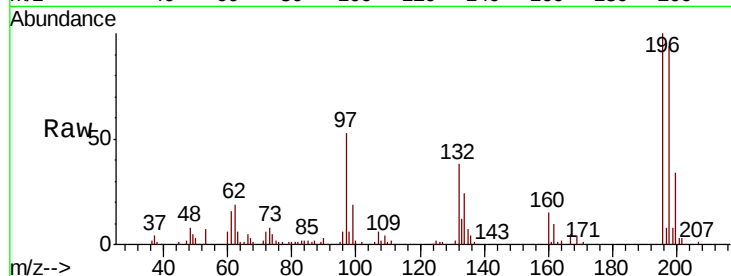
#43
 2,4,6-Trichlorophenol
 Concen: 40.722 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.8	113.6
200	34.3	23.9	35.9

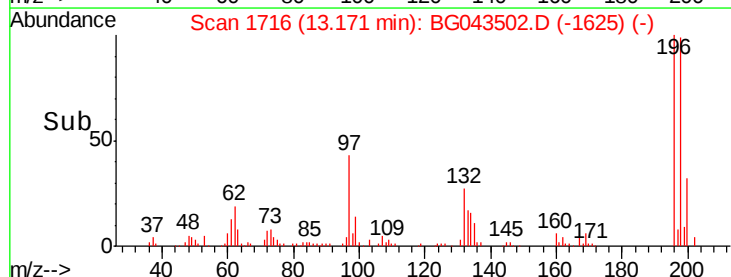
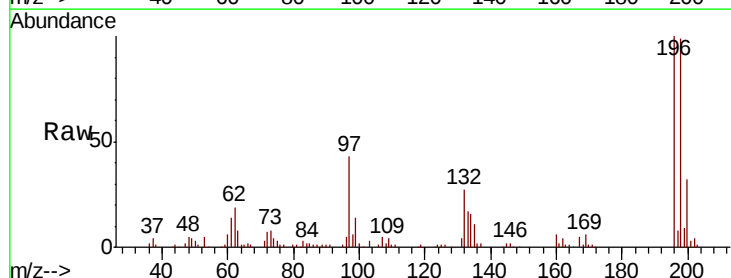
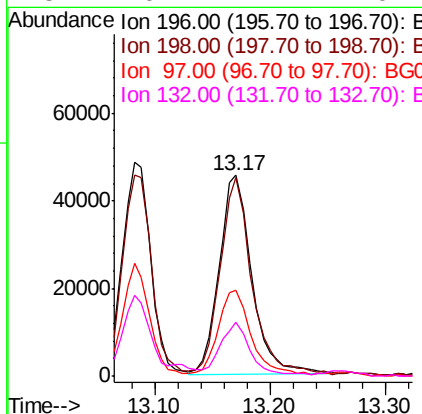
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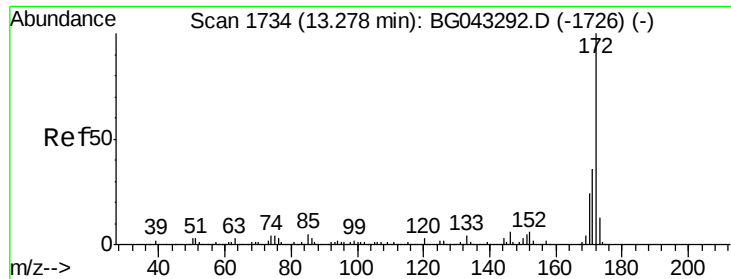
mohammad
 11/6/2019 8:41:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.915 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	74.5	111.7
97	42.5	36.3	54.5
132	26.7	17.4	26.2#





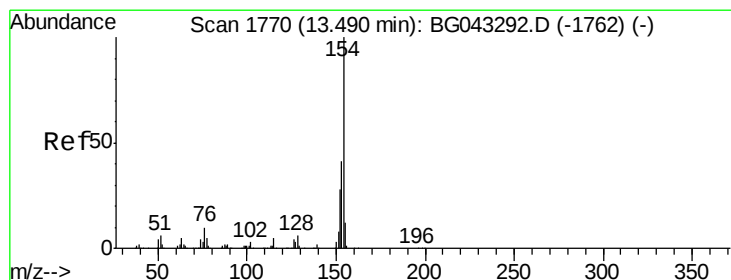
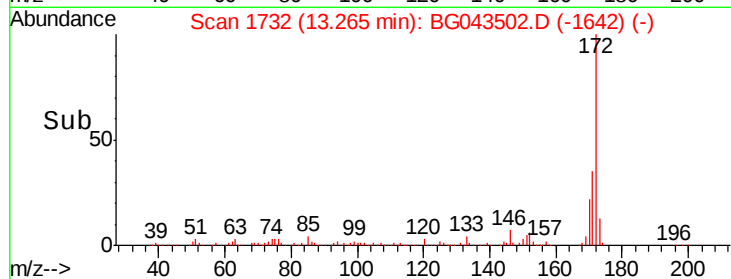
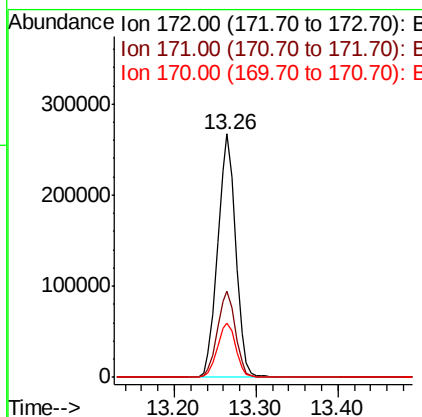
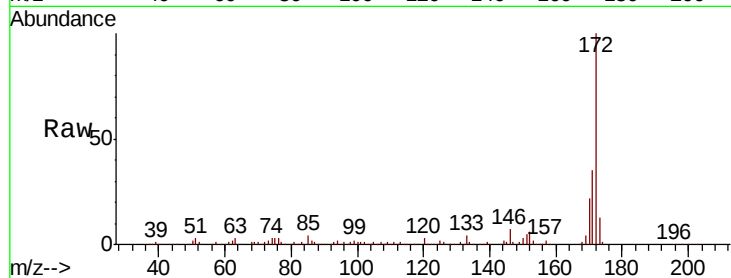
#45
2-Fluorobiphenyl
Concen: 59.972 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	22.1	18.5	27.7

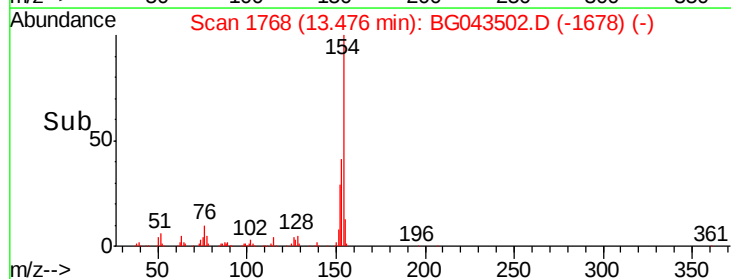
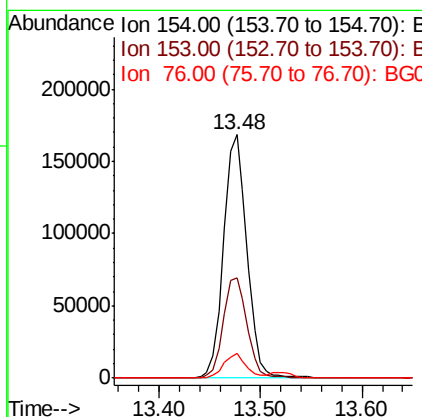
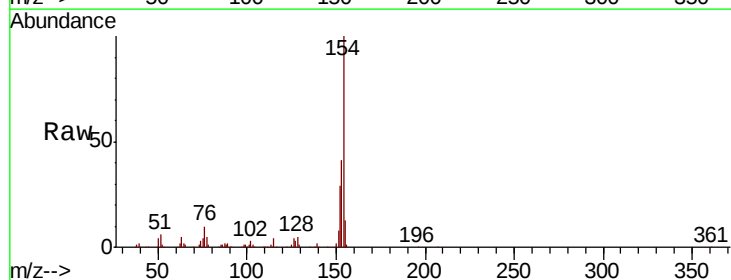
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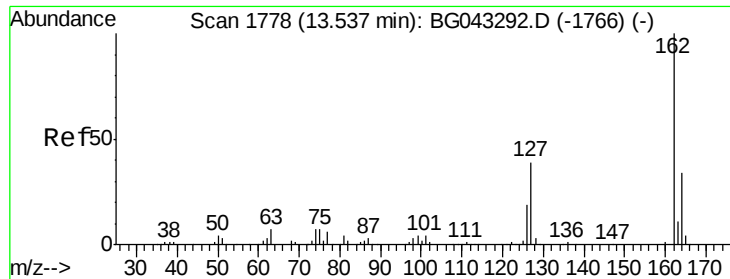
mohammad
11/6/2019 8:41:01 AM



#46
1,1'-Biphenyl
Concen: 37.371 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.9	59.9
76	10.1	0.0	29.4





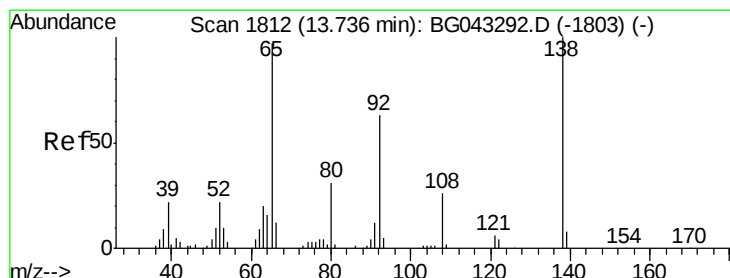
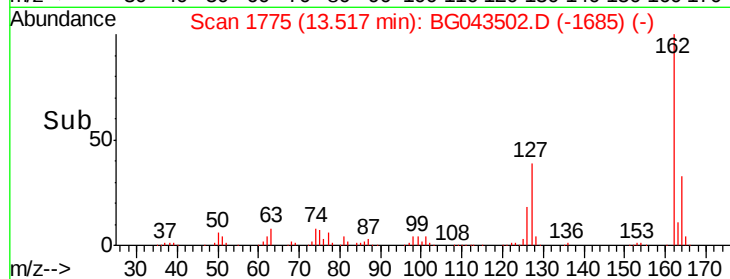
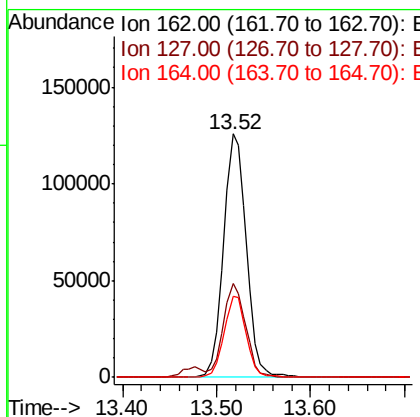
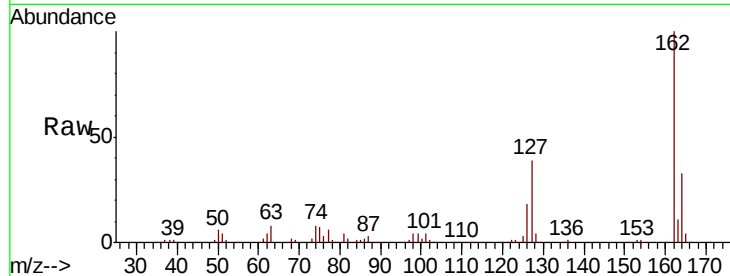
#47
 2-Chloronaphthalene
 Concen: 38.738 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BS

Tot Ion:	162	Resp:	211774
Ion Ratio	Lower	Upper	
162	100		
127	38.5	31.2	46.8
164	33.4	25.8	38.8

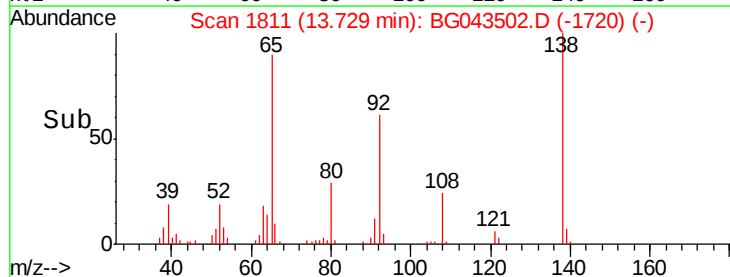
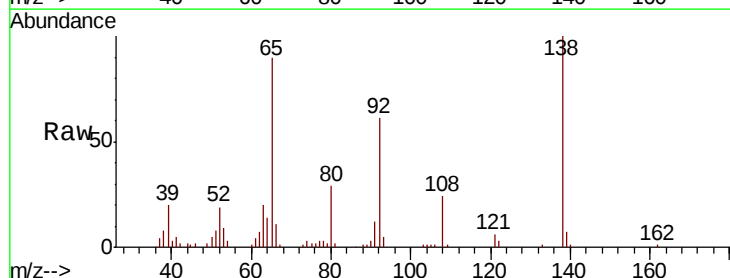
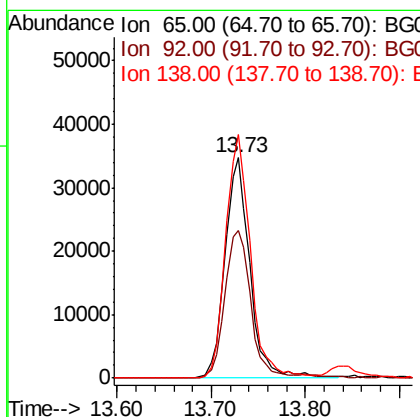
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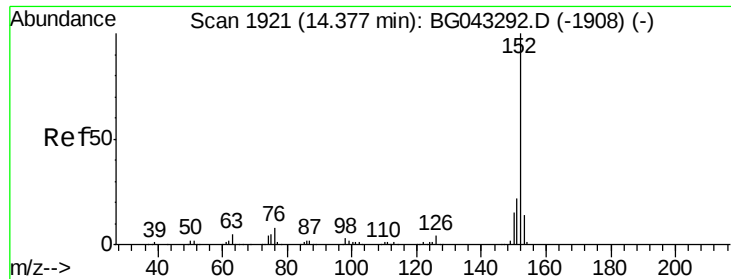
mohammad
 11/6/2019 8:41:01 AM



#48
 2-Nitroaniline
 Concen: 39.176 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion:	65	Resp:	64011
Ion Ratio	Lower	Upper	
65	100		
92	67.2	56.2	84.2
138	110.5	82.6	123.8





#49

Acenaphthylene

Concen: 40.717 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

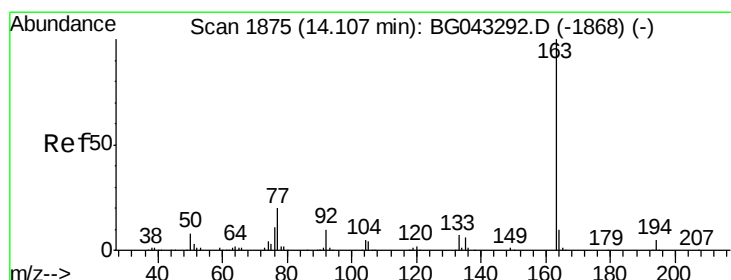
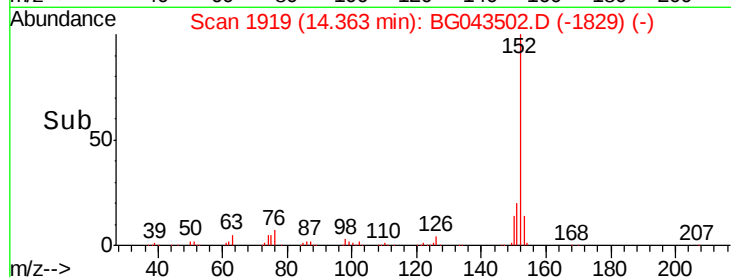
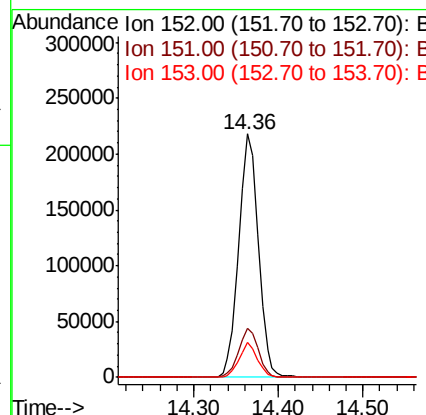
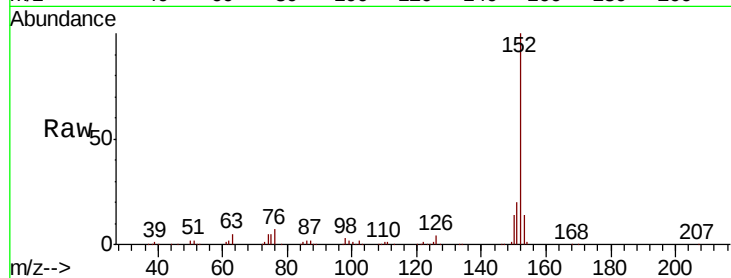
ClientSampleId :

PB124505BS

Tot Ion:	152	Resp:	346435
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	14.4	10.6	15.8

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#50

Dimethylphthalate

Concen: 39.001 ng

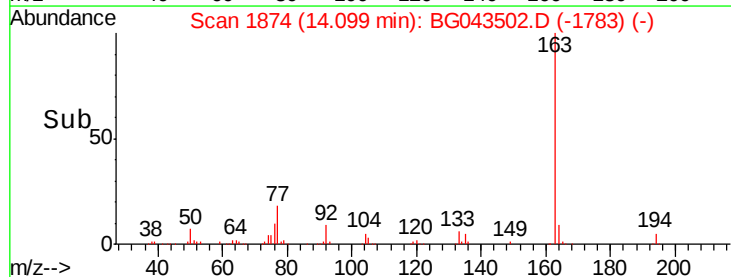
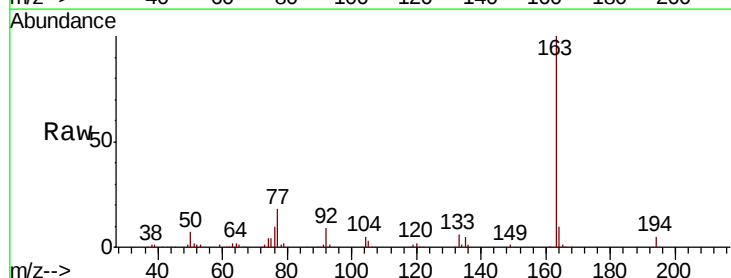
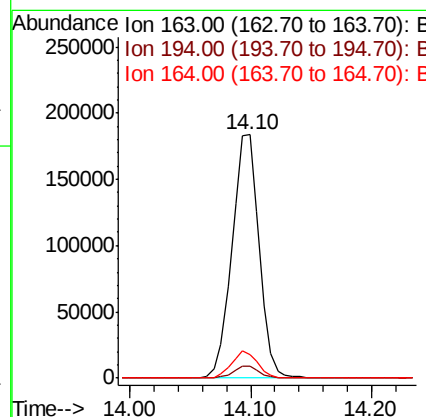
RT: 14.10 min Scan# 1874

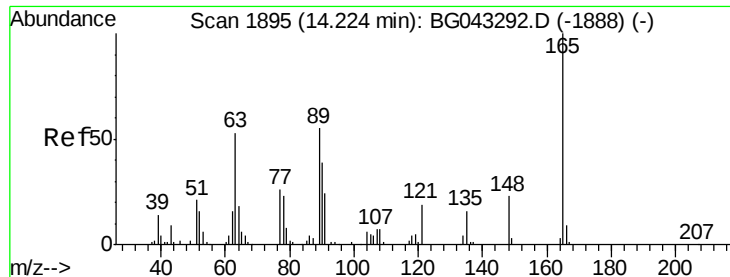
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	163	Resp:	285312
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.6
164	9.5	8.9	13.3





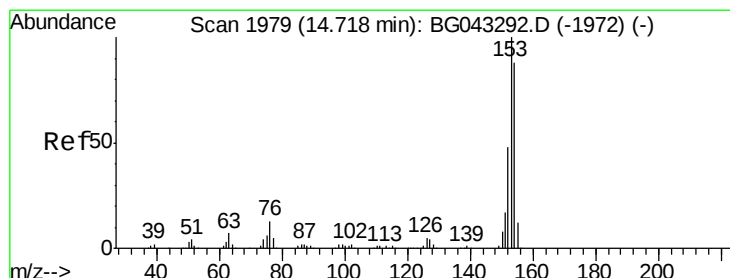
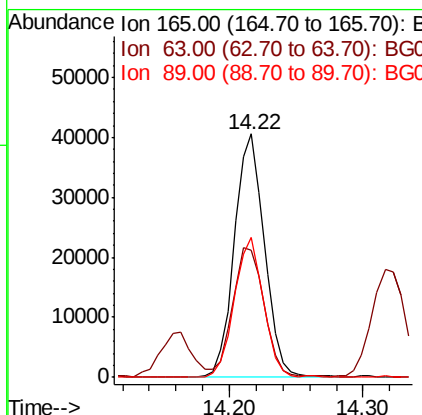
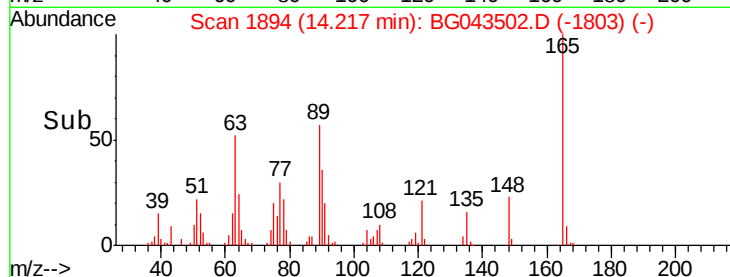
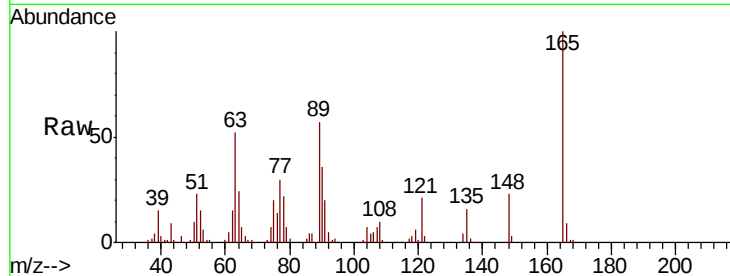
#51
2,6-Dinitrotoluene
Concen: 40.041 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampled :
PB124505BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	63636		
63	52.1	46.6	69.8	
89	57.4	45.1	67.7	

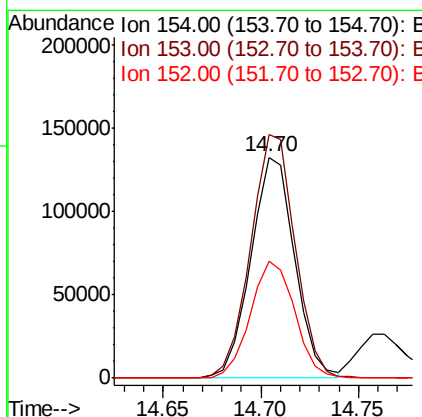
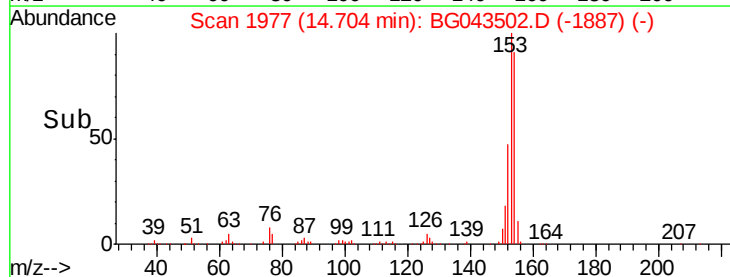
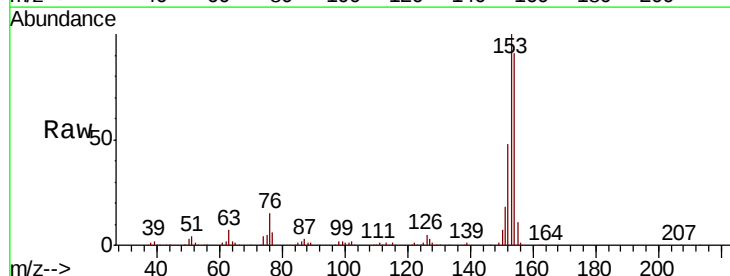
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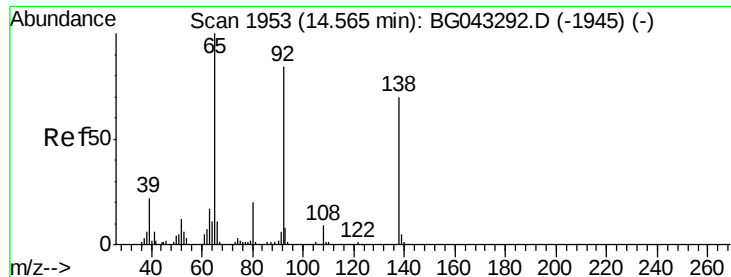
mohammad
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#52
Acenaphthene
Concen: 39.609 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	205516		
153	110.4	88.2	132.2	
152	52.7	40.0	60.0	





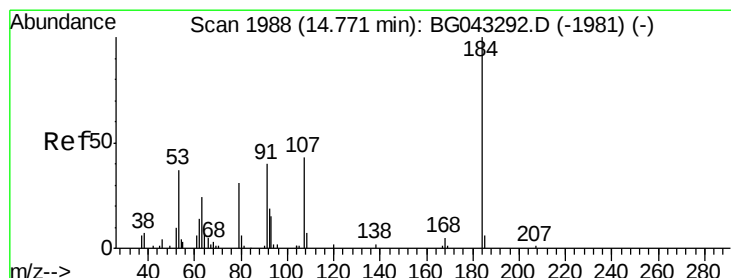
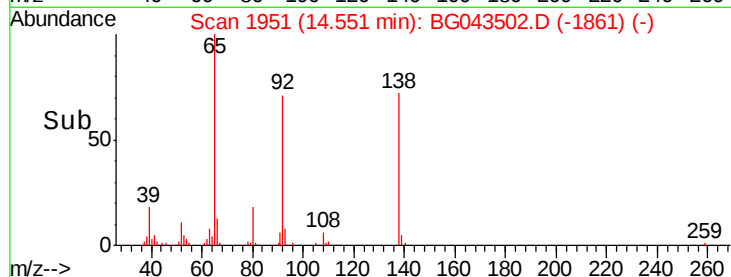
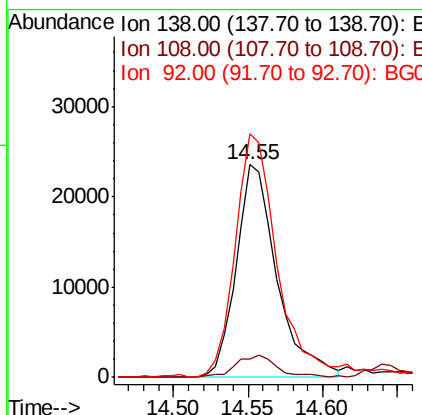
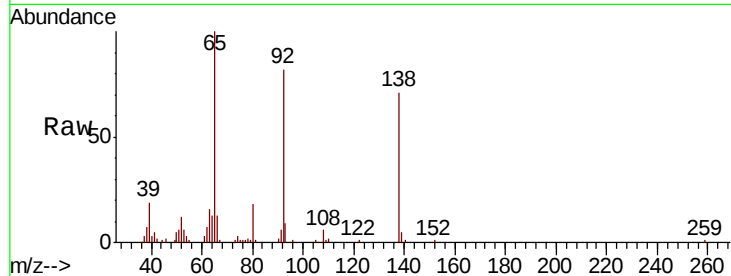
#53
3-Nitroaniline
Concen: 29.154 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.0	12.0
92	114.5	90.9	136.3

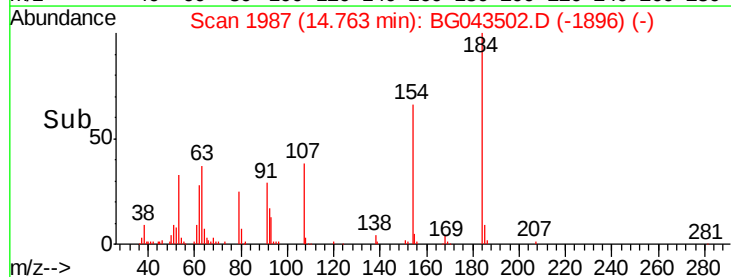
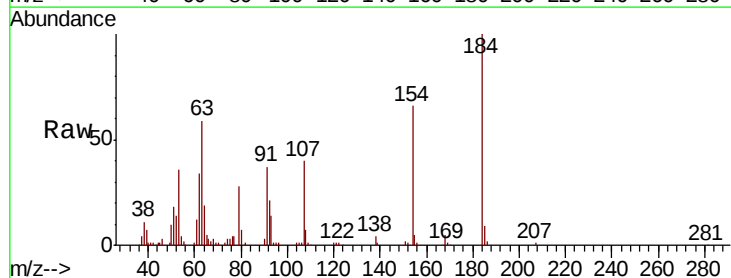
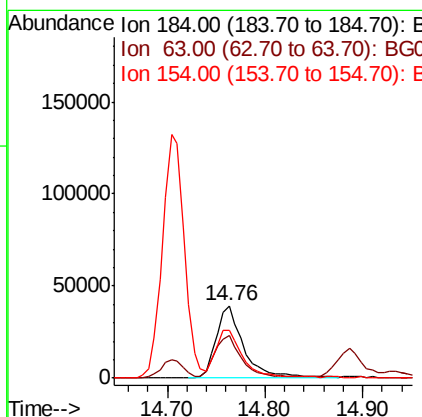
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#54
2,4-Dinitrophenol
Concen: 77.925 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	51.3	76.9
154	66.4	55.4	83.0





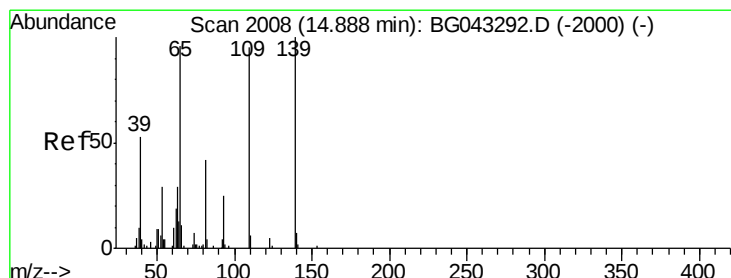
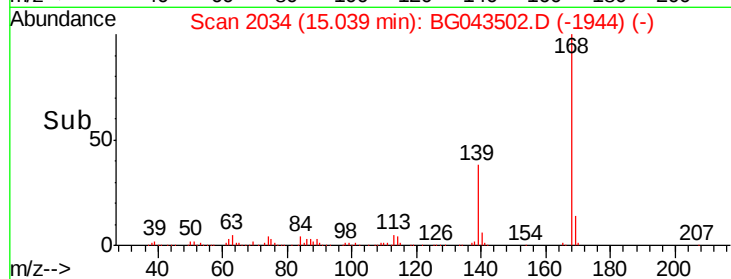
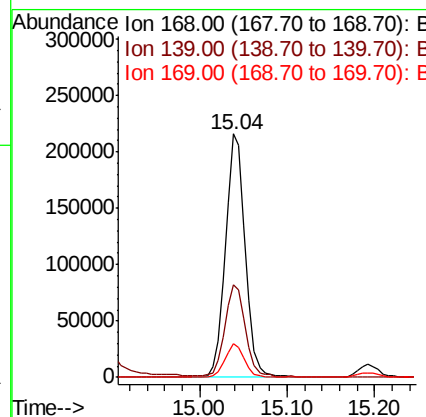
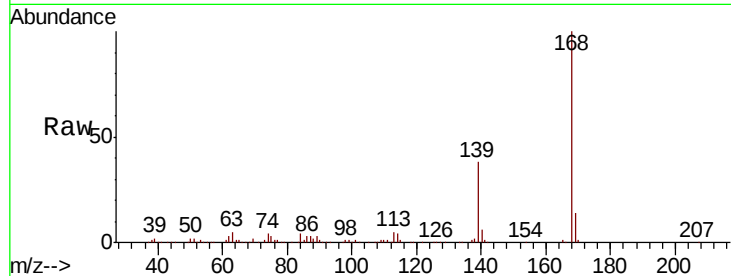
#55
Dibenzofuran
Concen: 40.126 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.0	46.6
169	13.7	11.7	17.5

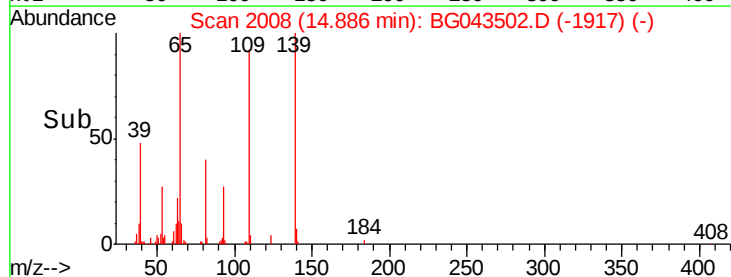
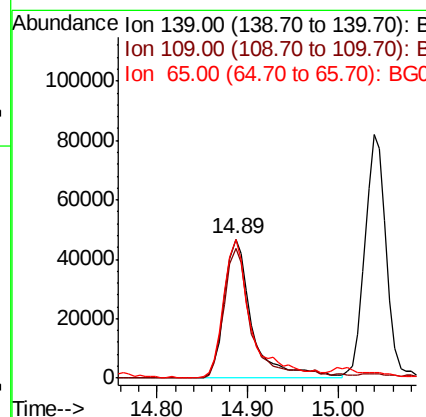
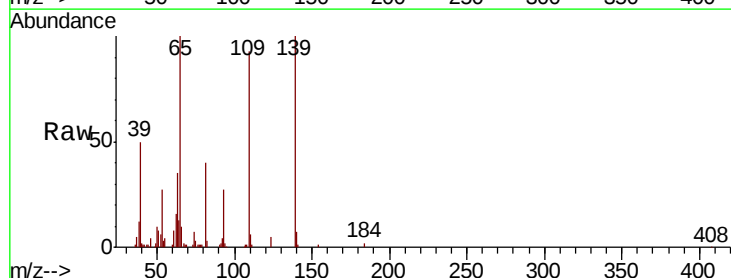
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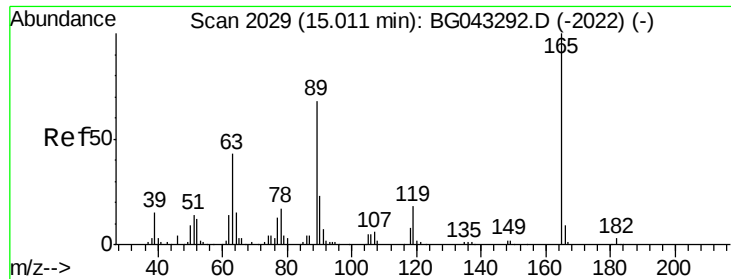
mohammad
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#56
4-Nitrophenol
Concen: 97.707 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.5	87.2	127.2
65	100.4	83.8	123.8





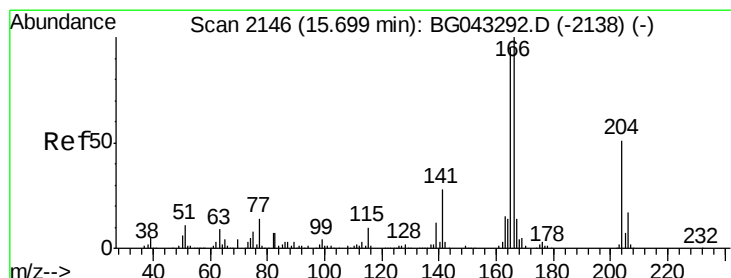
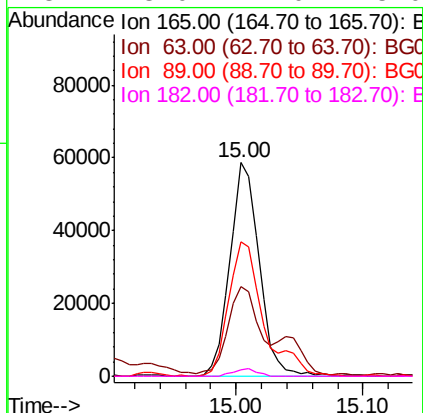
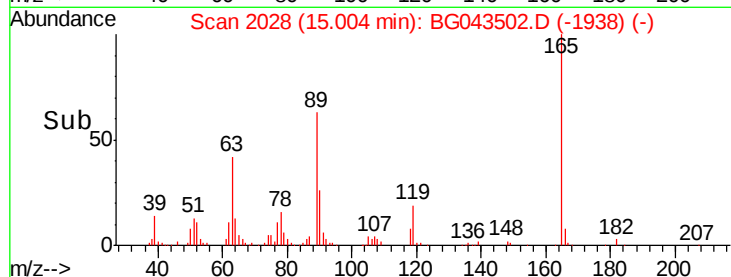
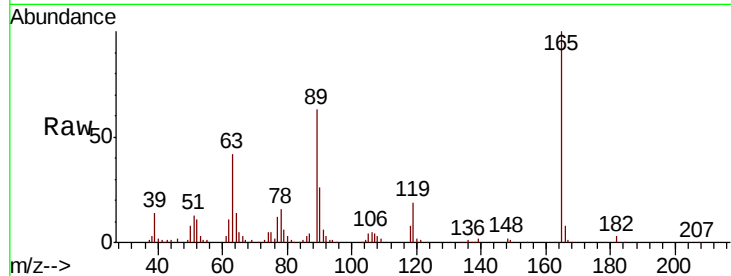
#57
2,4-Dinitrotoluene
Concen: 41.296 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.2	49.8
89	62.9	52.2	78.4
182	3.0	2.0	3.0

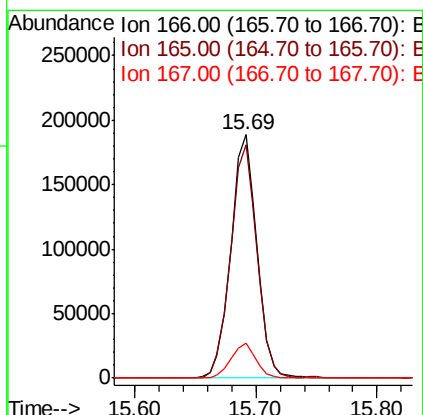
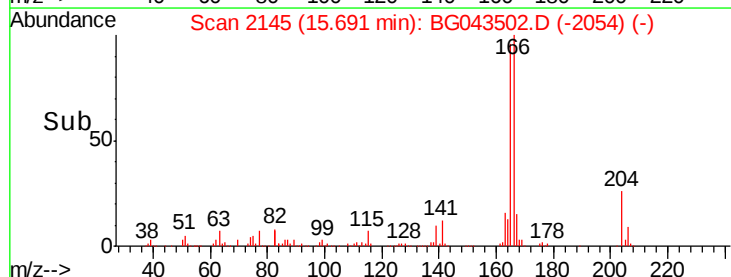
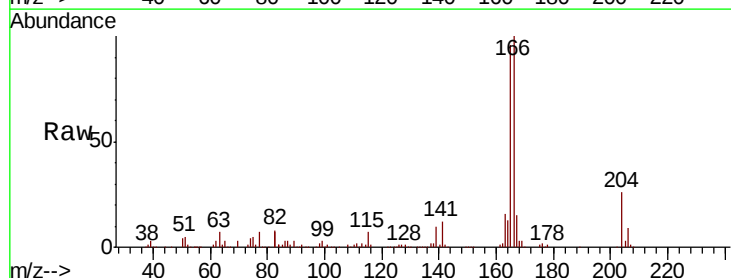
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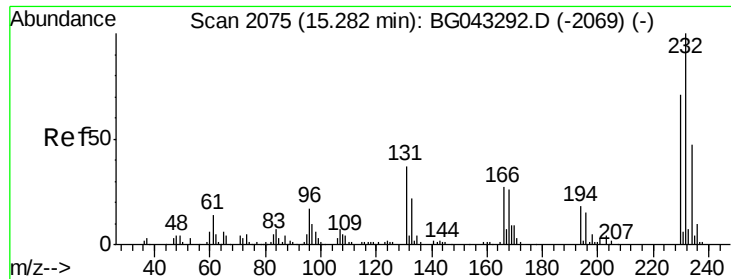
mohammad
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#58
Fluorene
Concen: 40.207 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	79.0	118.6
167	14.5	10.5	15.7





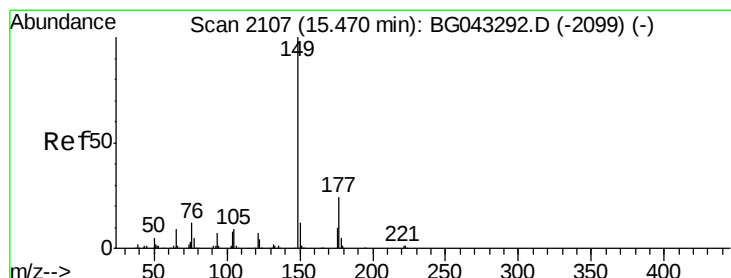
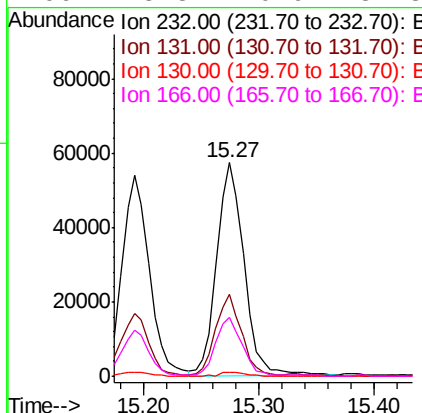
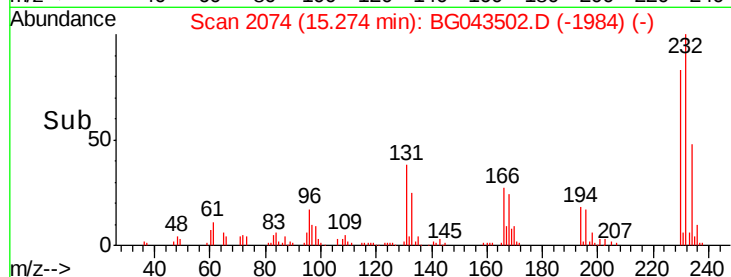
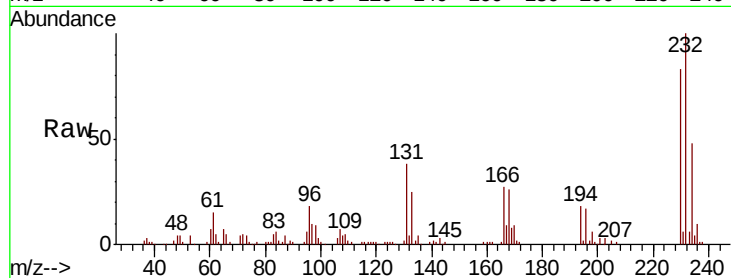
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.457 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.9	26.9	40.3
130	2.0	1.8	2.6
166	25.8	20.9	31.3

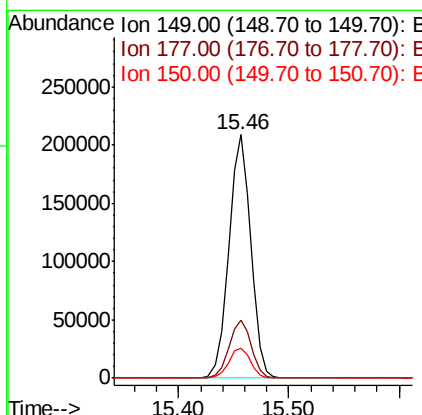
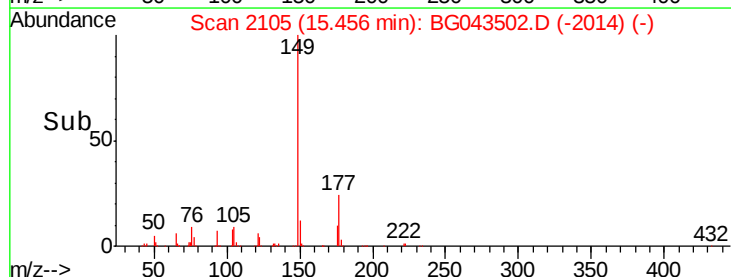
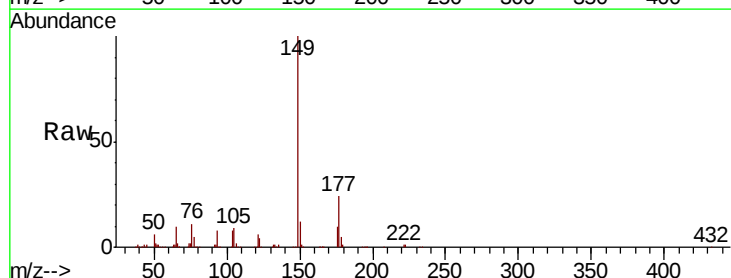
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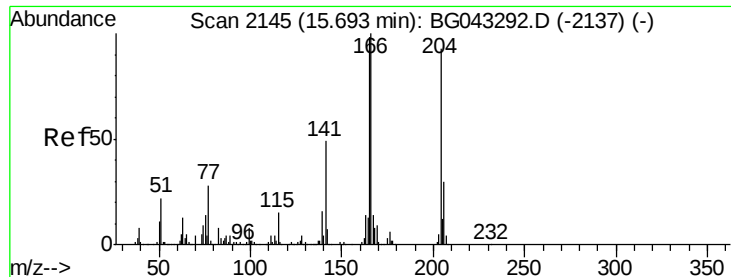
mohammad
 11/6/2019 8:41:01 AM



#60
 Diethylphthalate
 Concen: 39.549 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.6	29.4
150	12.3	10.8	16.2





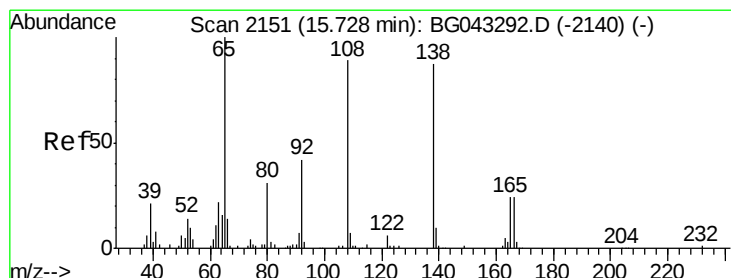
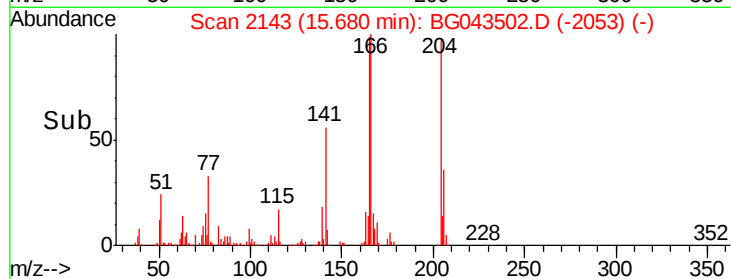
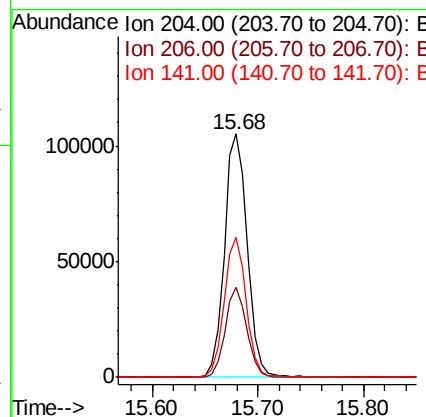
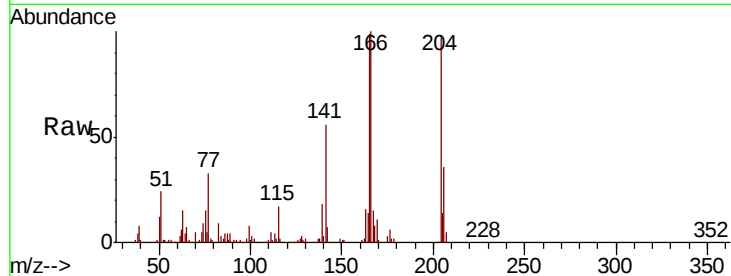
#61
 4-Chlorophenyl-phenylether
 Concen: 38.339 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampled :
 PB124505BS

Tot Ion:	204	Resp:	157840
Ion Ratio	Lower	Upper	
204	100		
206	37.1	28.4	42.6
141	57.5	43.0	64.6

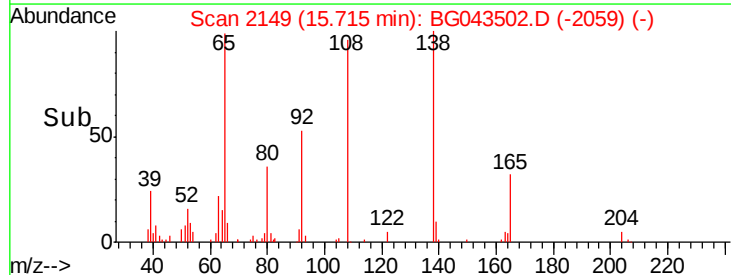
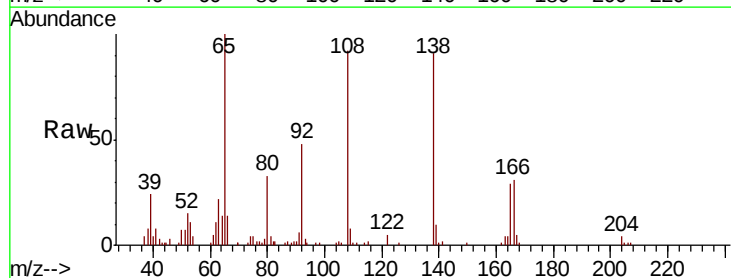
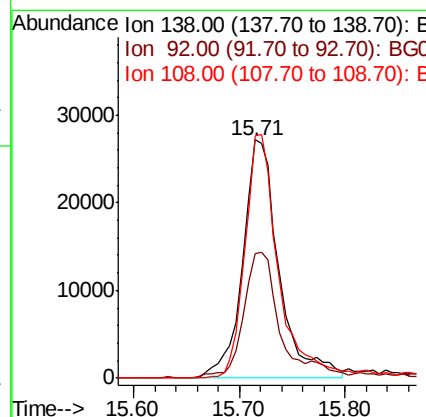
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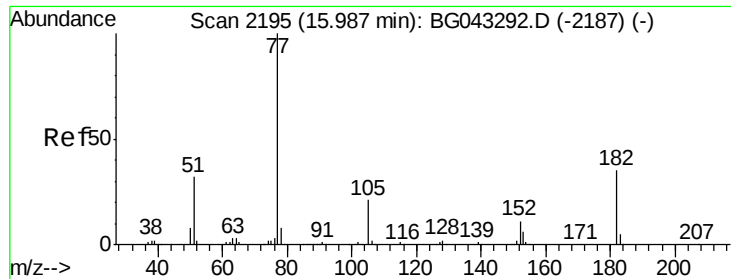
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#62
 4-Nitroaniline
 Concen: 40.823 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043502.D
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Tgt Ion:	138	Resp:	64691
Ion Ratio	Lower	Upper	
138	100		
92	52.6	33.4	73.4
108	101.9	78.0	118.0





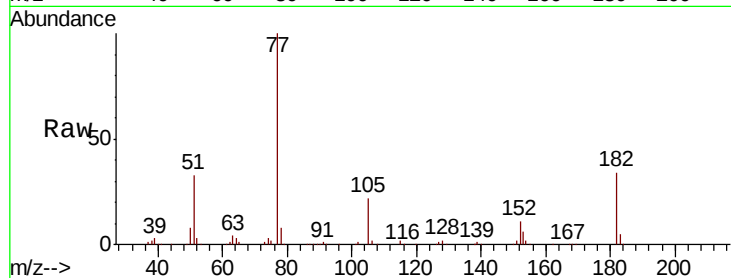
#63
Azobenzene
Concen: 40.426 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

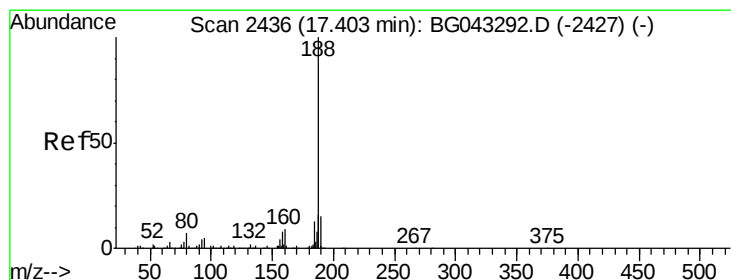
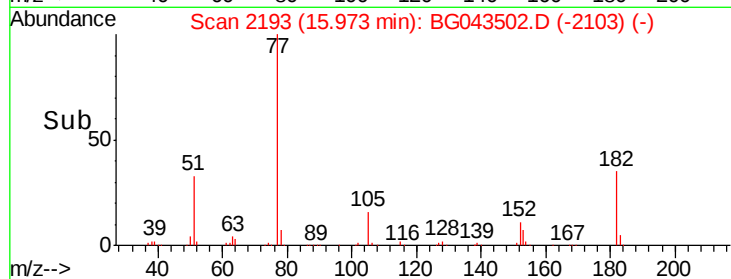
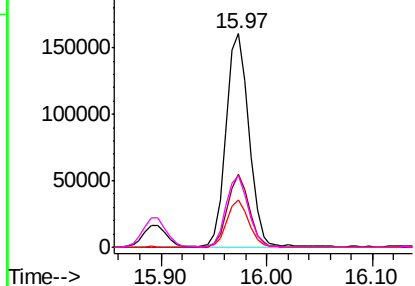
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		240491		
182	34.1	13.7	53.7		
105	22.2	0.4	40.4		
51	33.5	11.0	51.0		

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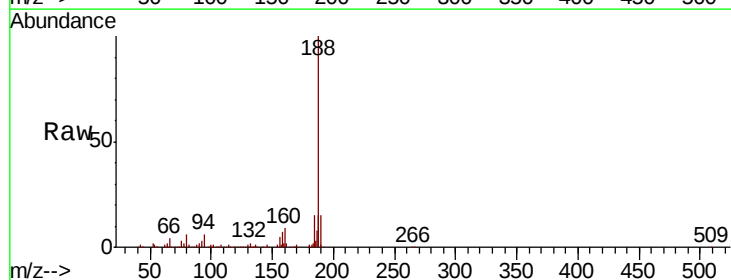


Abundance Ion 77.00 (76.70 to 77.70): BGC
250000 Ion 182.00 (181.70 to 182.70): BGC
200000 Ion 105.00 (104.70 to 105.70): BGC
150000 Ion 51.00 (50.70 to 51.70): BGC
100000
50000
0

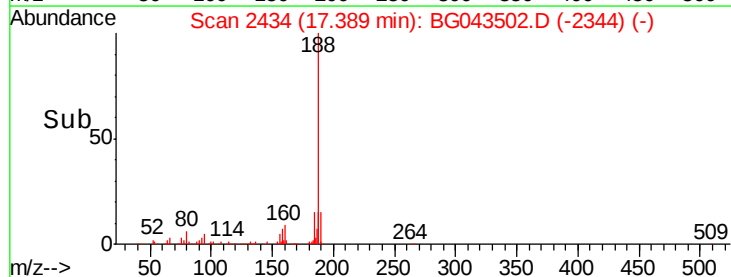
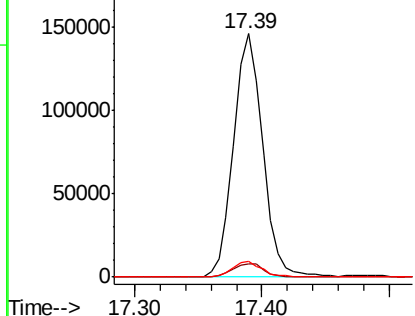


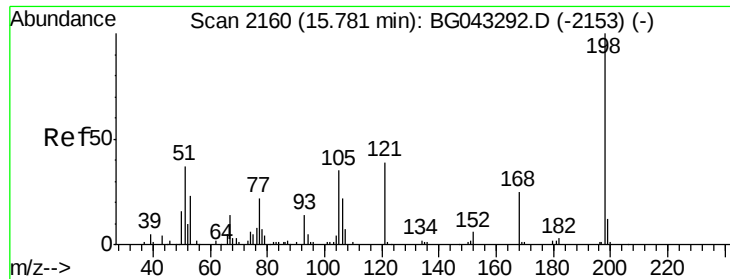
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		231377		
94	5.6	4.2	6.4		
80	6.4	4.5	6.7		



Abundance Ion 188.00 (187.70 to 188.70): BGC
200000 Ion 94.00 (93.70 to 94.70): BGC
150000 Ion 80.00 (79.70 to 80.70): BGC
100000
50000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 44.466 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

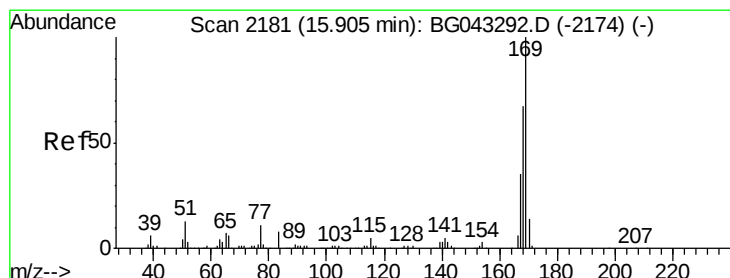
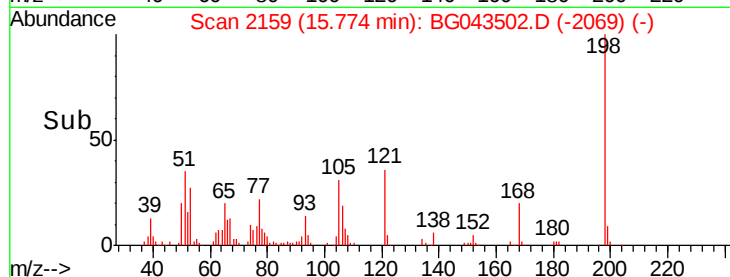
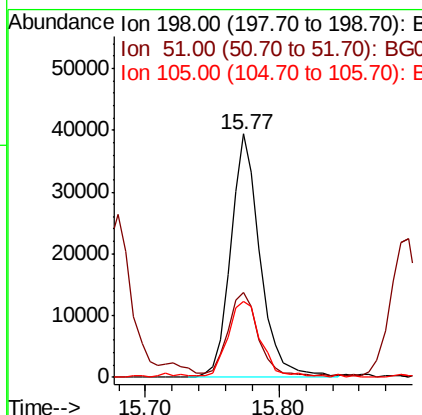
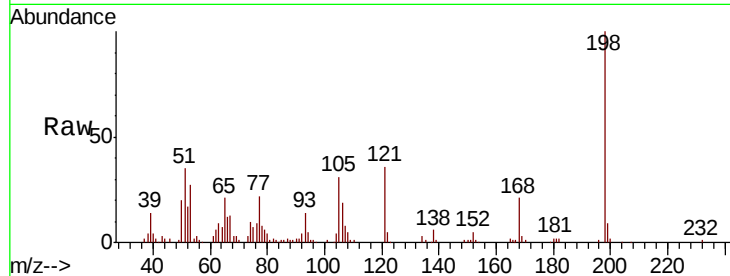
ClientSampleId :

PB124505BS

Tot Ion:	198	Resp:	60547
Ion Ratio	Lower	Upper	
198	100		
51	34.8	13.2	53.2
105	31.4	15.8	55.8

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#66

n-Nitrosodiphenylamine

Concen: 39.519 ng

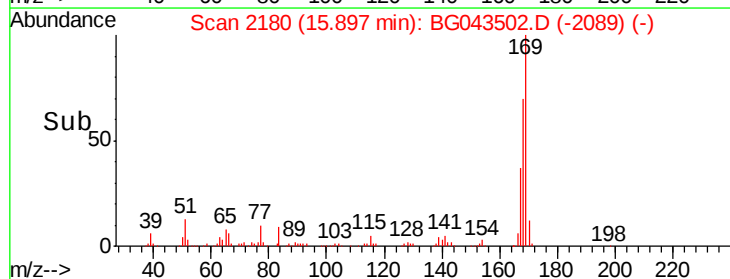
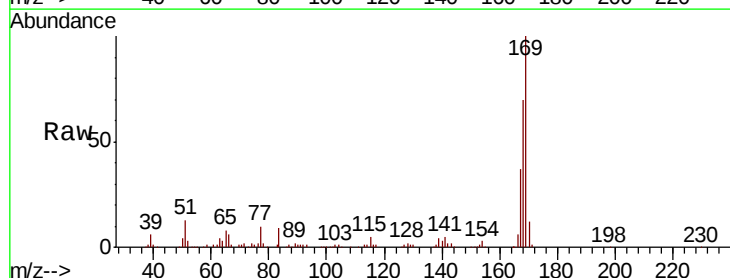
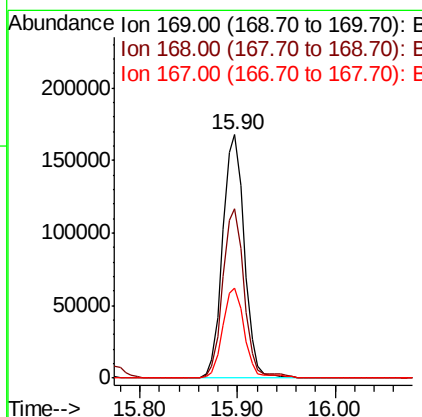
RT: 15.90 min Scan# 2180

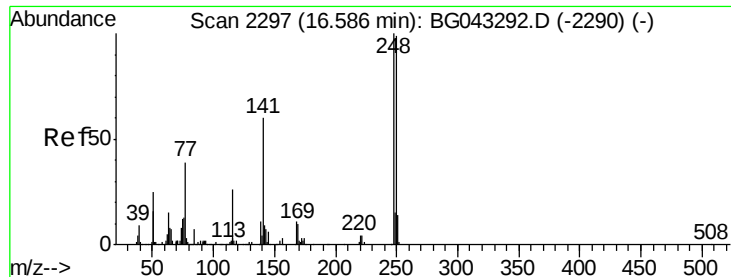
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	169	Resp:	258152
Ion Ratio	Lower	Upper	
169	100		
168	69.5	53.8	80.6
167	37.0	27.5	41.3





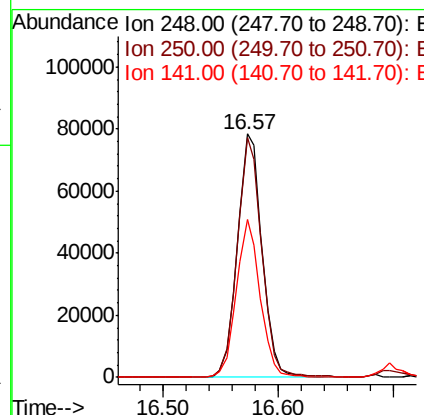
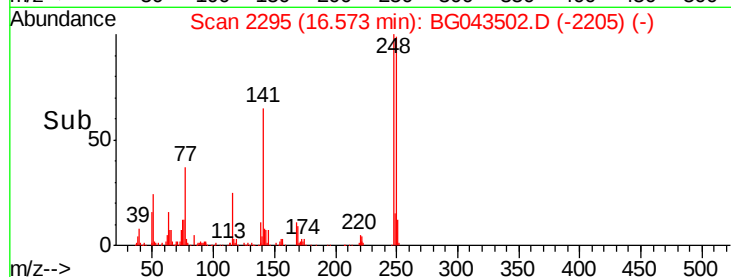
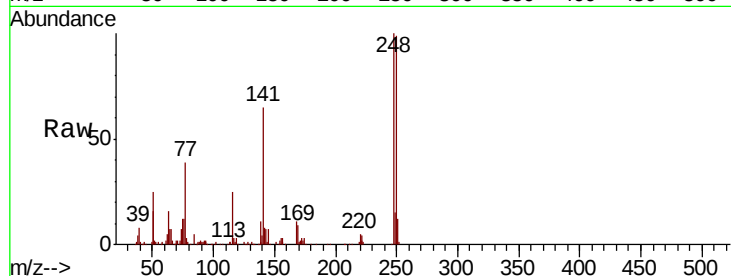
#67
4-Bromophenyl-phenylether
Concen: 37.092 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.0	115.4
141	64.8	47.5	71.3

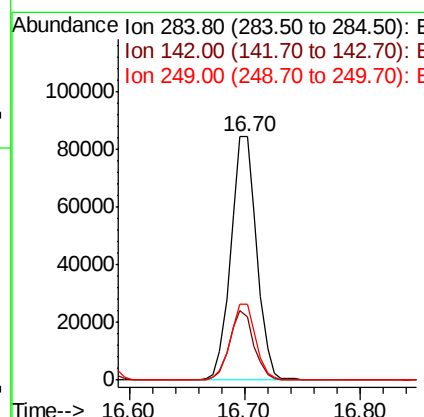
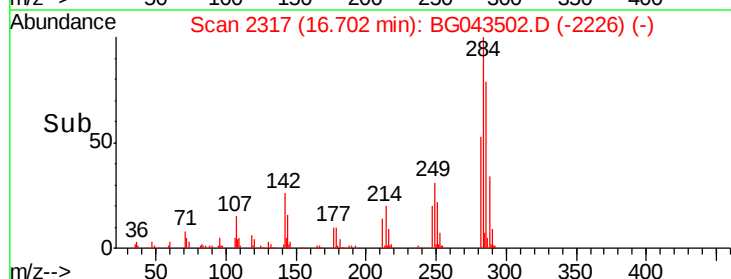
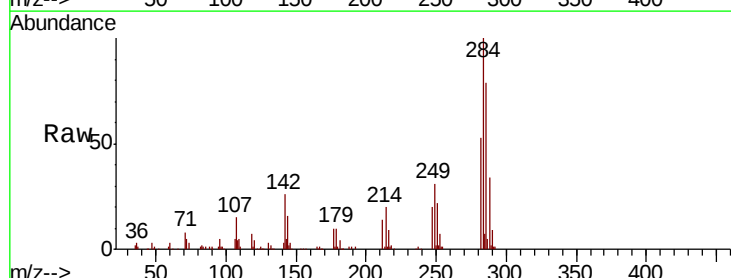
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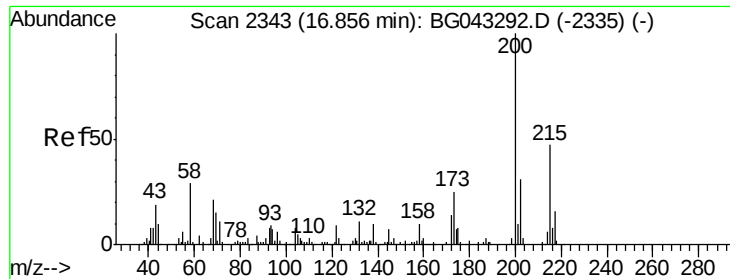
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#68
Hexachlorobenzene
Concen: 36.372 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	19.8	29.8
249	31.0	23.8	35.6





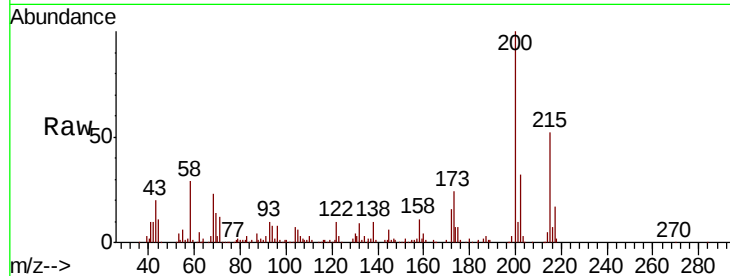
#69
Atrazine
Concen: 50.545 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

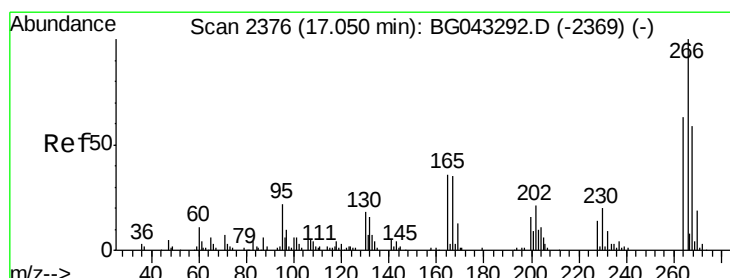
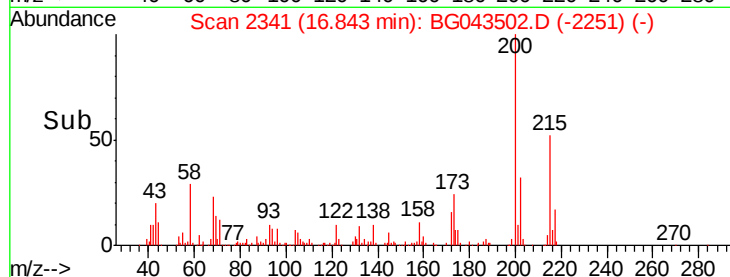
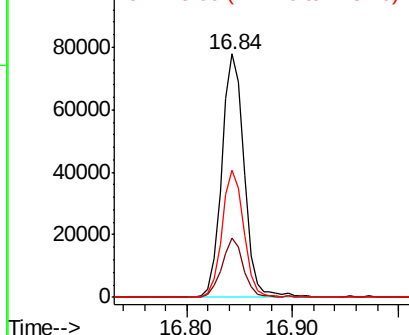
Tot Ion	Ratio	Resp	Lower	Upper
200	100	114729		
173	24.2	4.7	44.7	
215	52.2	28.5	68.5	

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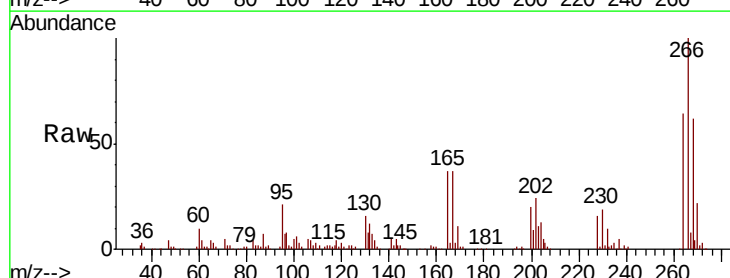


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

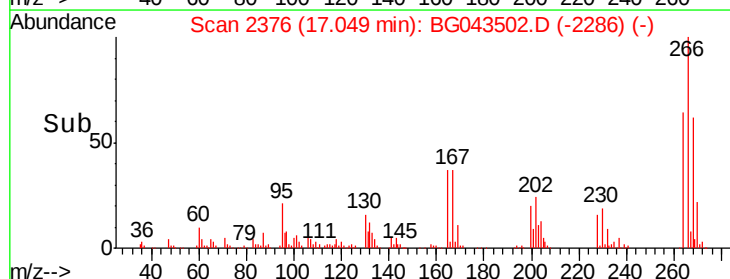
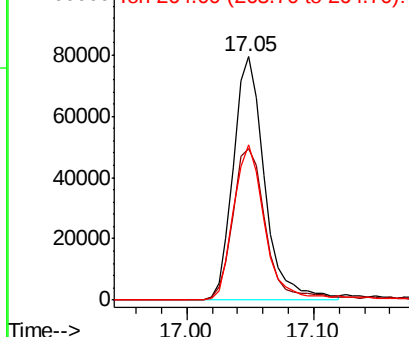


#70
Pentachlorophenol
Concen: 83.330 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	135717		
268	62.0	50.4	75.6	
264	63.9	48.9	73.3	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





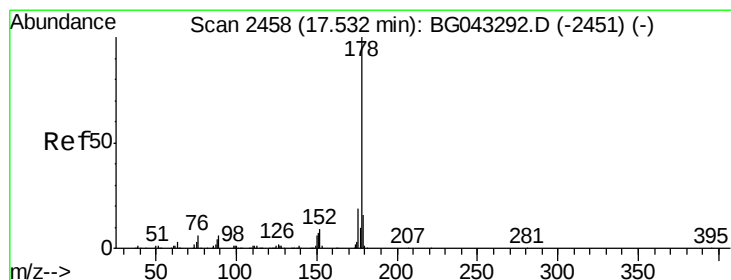
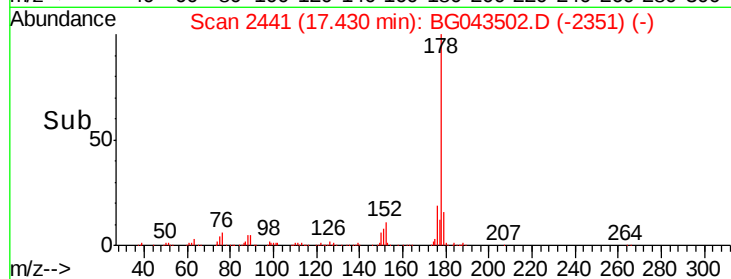
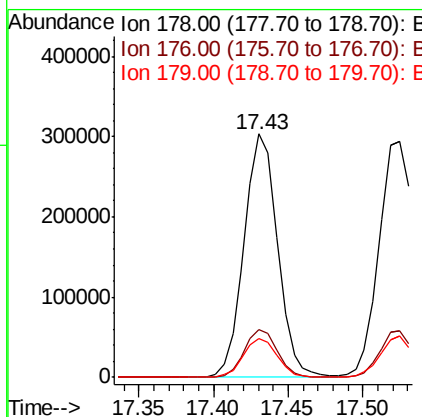
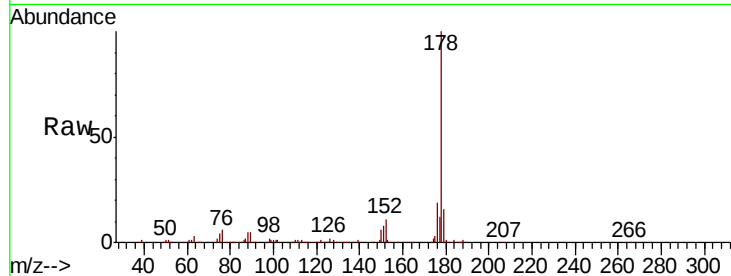
#71
Phenanthrene
Concen: 39.766 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	16.0	13.0	19.6

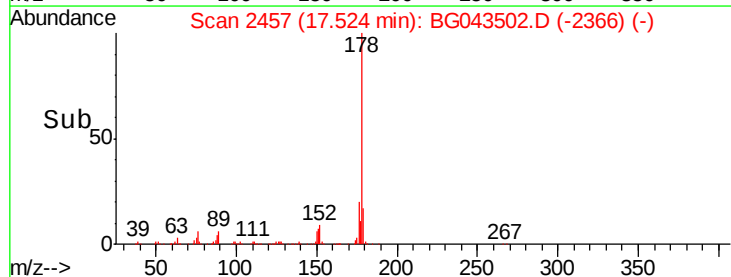
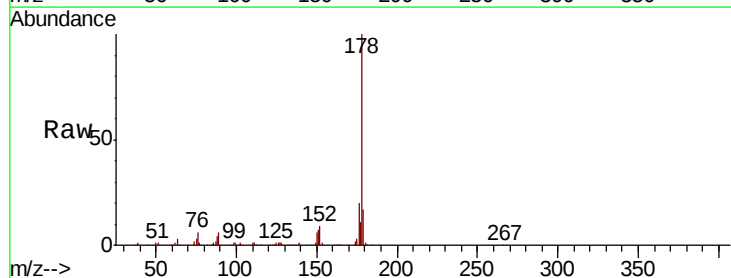
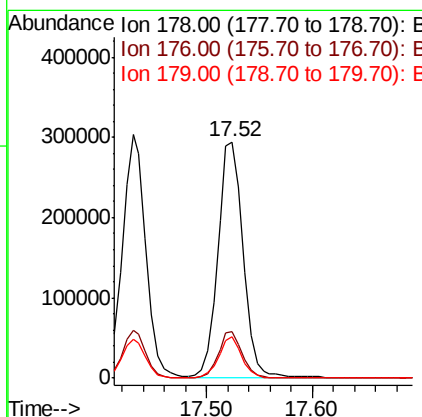
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#72
Anthracene
Concen: 41.378 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	17.3	13.7	20.5





#73

Carbazole

Concen: 42.152 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

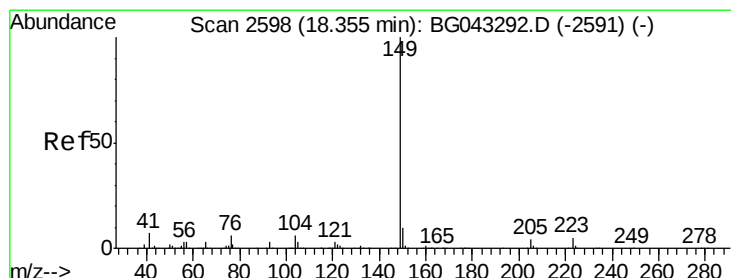
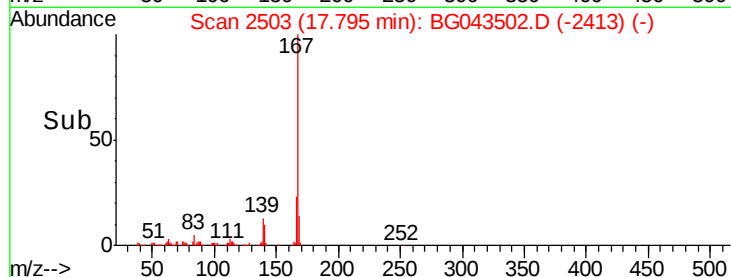
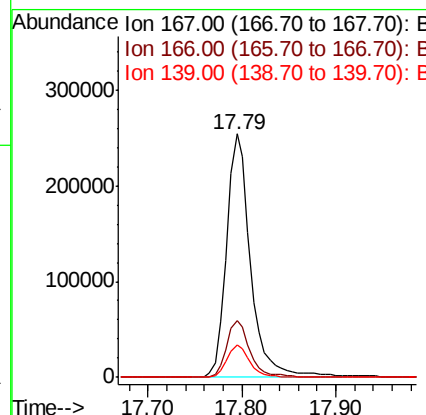
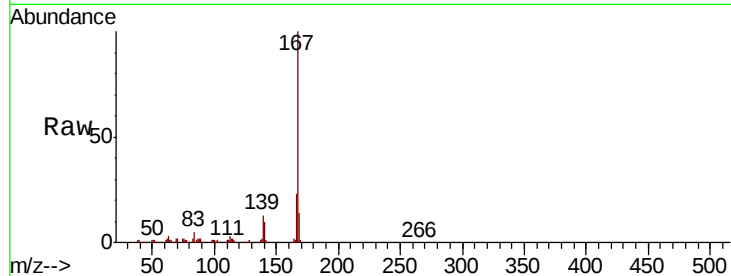
ClientSampleId :

PB124505BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		452500		
166	23.1		18.7	28.1	
139	13.1		10.0	15.0	

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#74

Di-n-butylphthalate

Concen: 41.566 ng

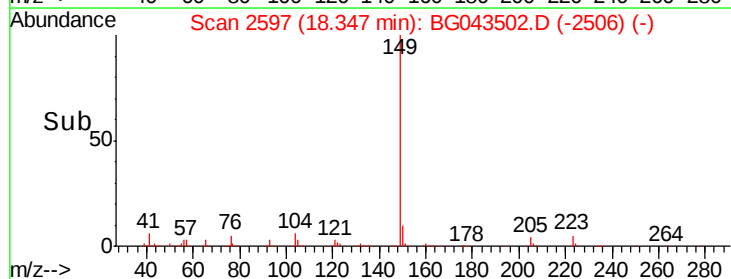
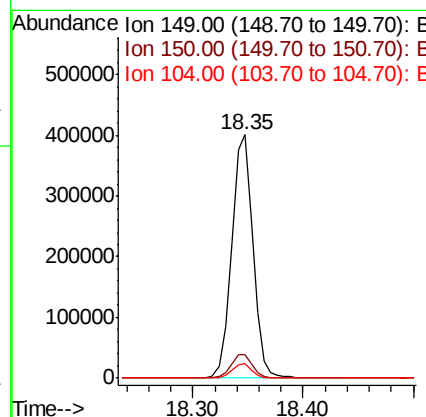
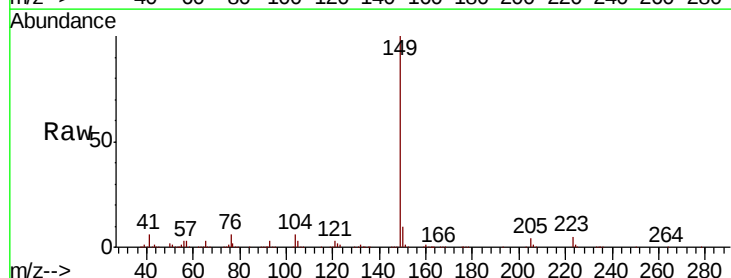
RT: 18.35 min Scan# 2597

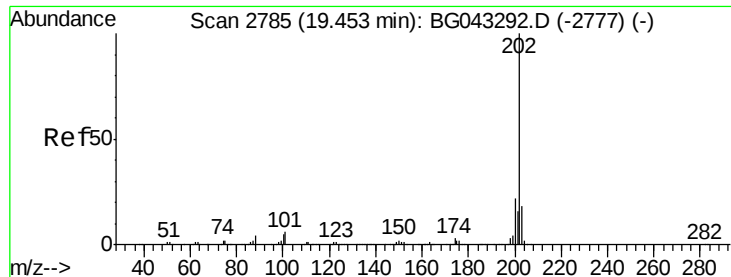
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		541414		
150	9.5		8.0	12.0	
104	5.8		4.4	6.6	





#75

Fluoranthene

Concen: 42.229 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

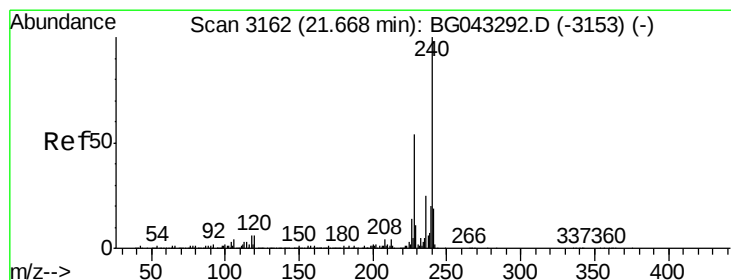
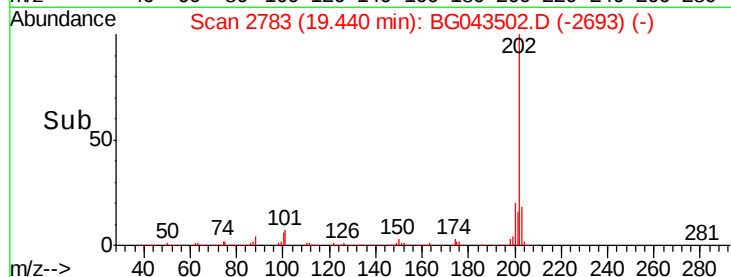
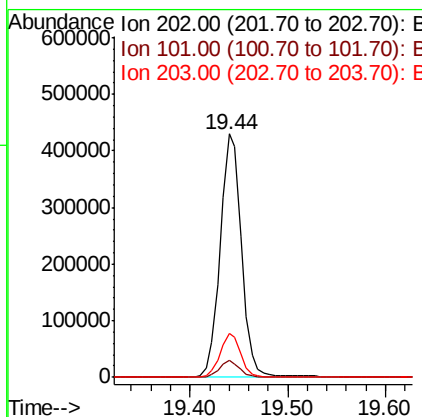
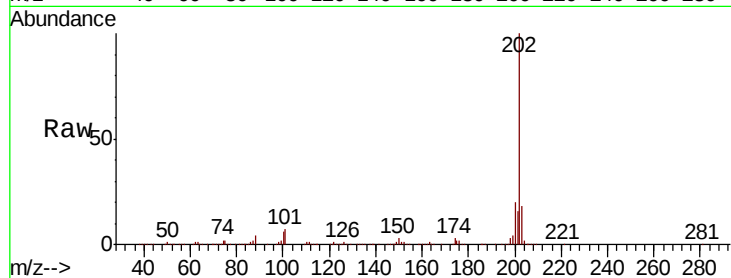
ClientSampleId :

PB124505BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	652282		
101	7.0	0.0	26.3	
203	18.2	0.0	37.9	

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#76

Chrysene-d12

Concen: 20.000 ng

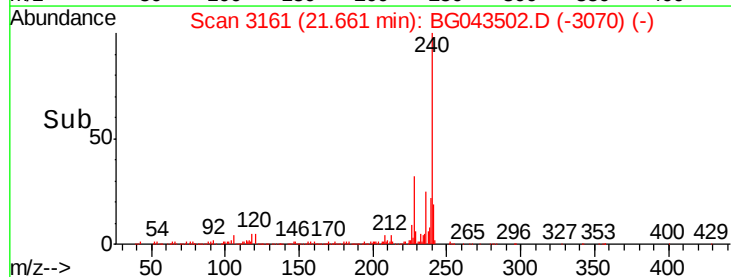
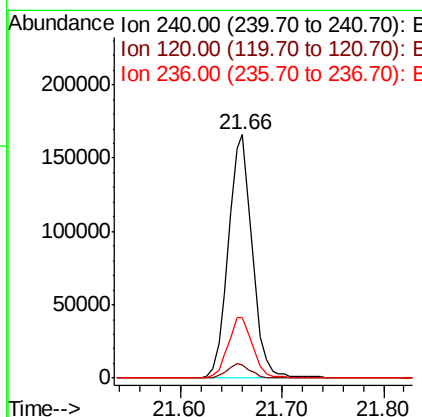
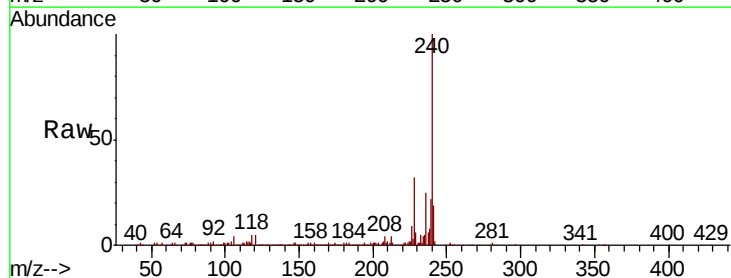
RT: 21.66 min Scan# 3161

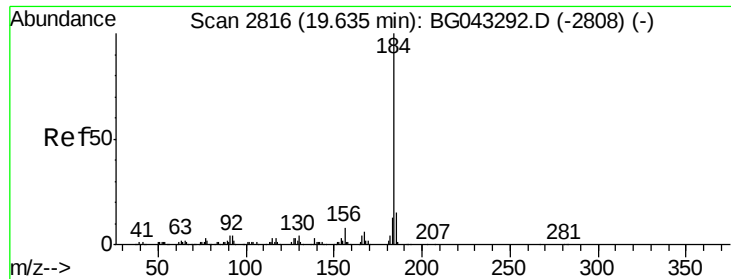
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	270986		
120	5.4	4.6	6.8	
236	25.1	19.8	29.8	





#77

Benzidine

Concen: 29.368 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

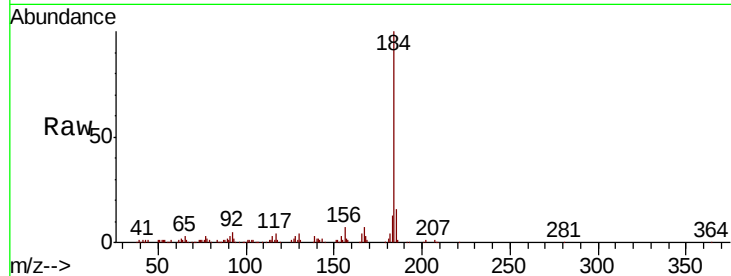
ClientSampleId :

PB124505BS

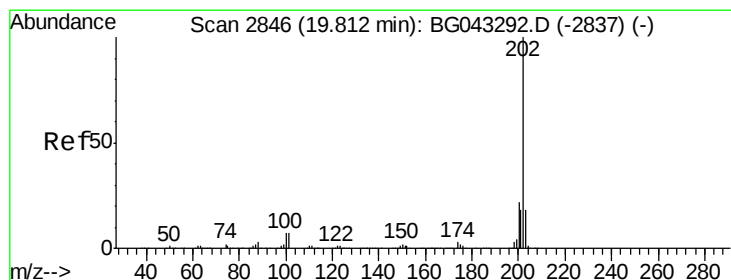
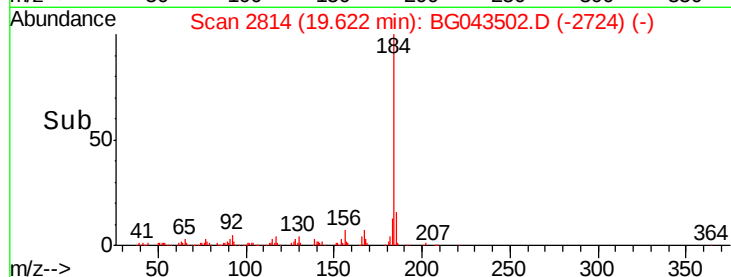
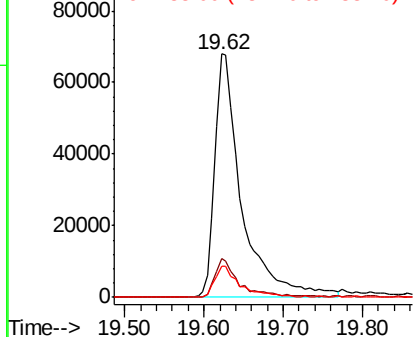
Tot Ion:	184	Resp:	160166
Ion Ratio	Lower	Upper	
184	100		
185	16.2	11.0	16.4
183	12.9	10.0	15.0

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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: 39.059 ng

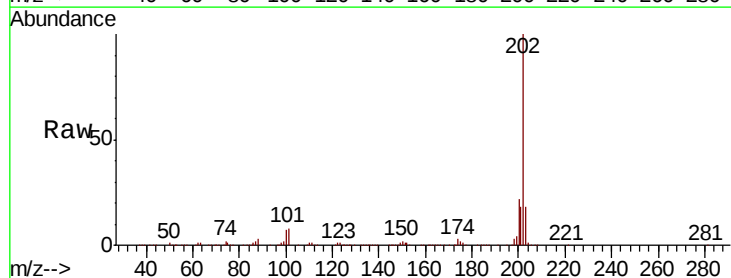
RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

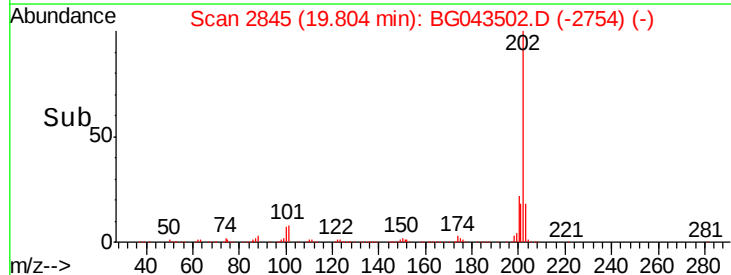
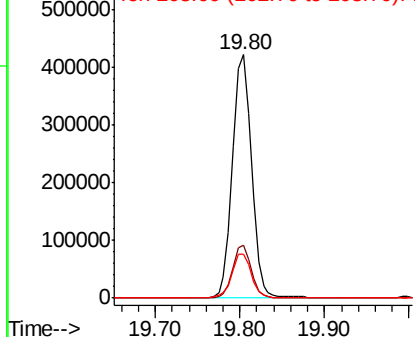
Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	202	Resp:	655161
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.0	25.4
203	17.9	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





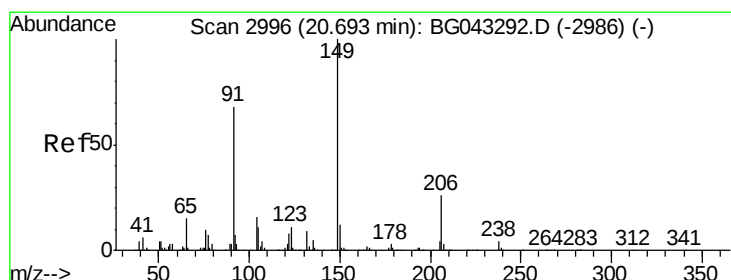
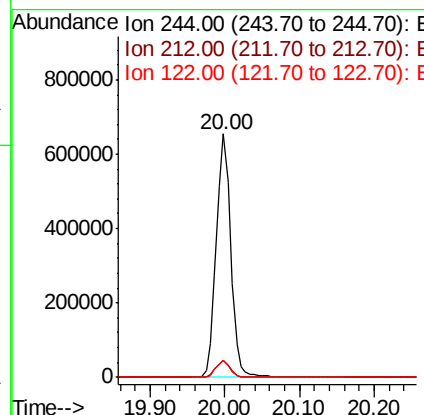
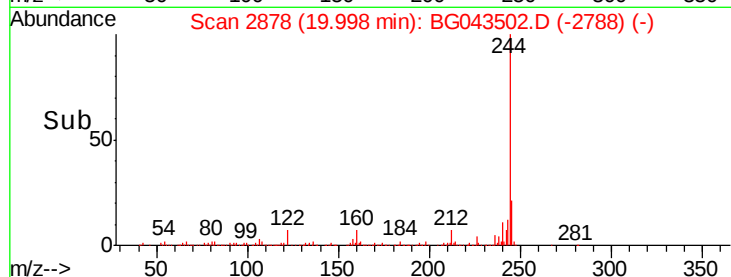
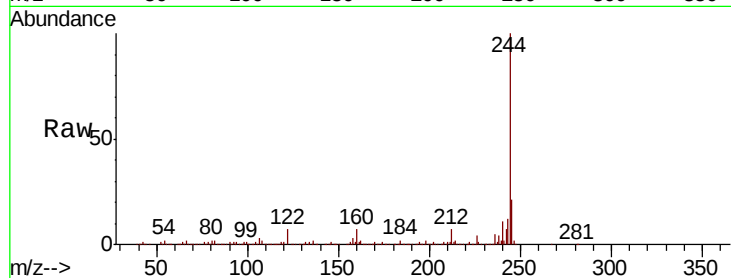
#79
 Terphenyl-d14
 Concen: 61.208 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 PB124505BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	7.0	5.4	8.2

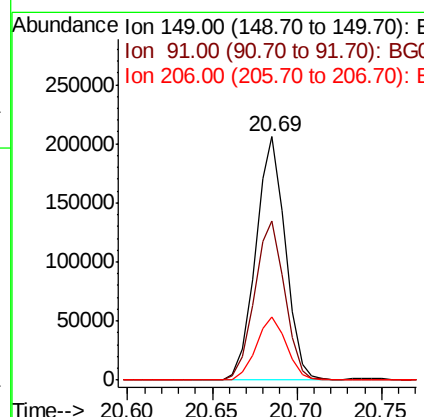
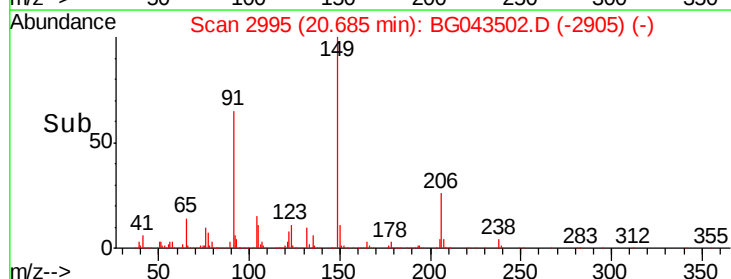
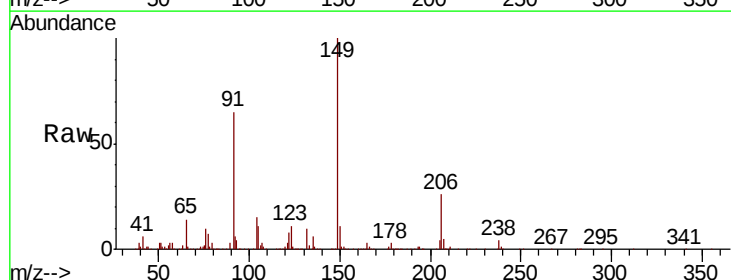
Manual Integrations
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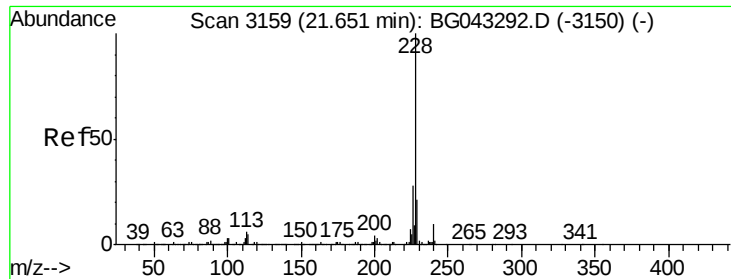
mohammad
 11/6/2019 8:41:01 AM



#80
 Butylbenzylphthalate
 Concen: 39.550 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG043502.D
 Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	51.2	76.8
206	25.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.839 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

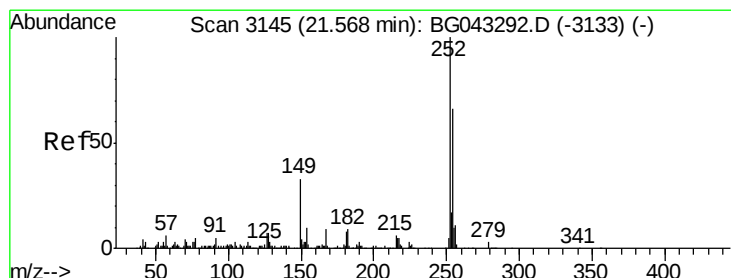
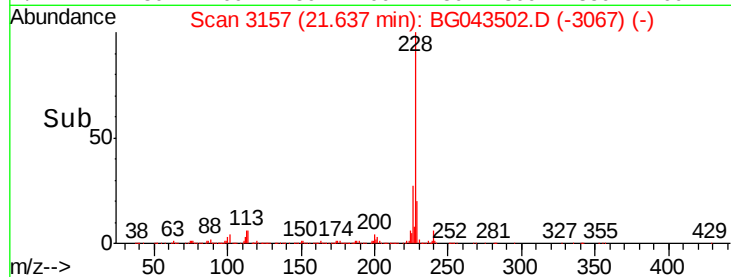
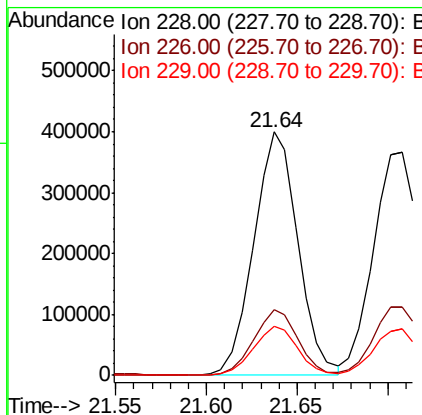
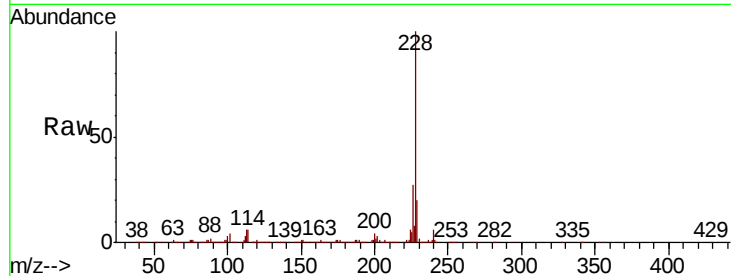
ClientSampleId :

PB124505BS

Tot Ion:	228	Resp:	676235
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.2	33.2
229	20.1	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 34.576 ng

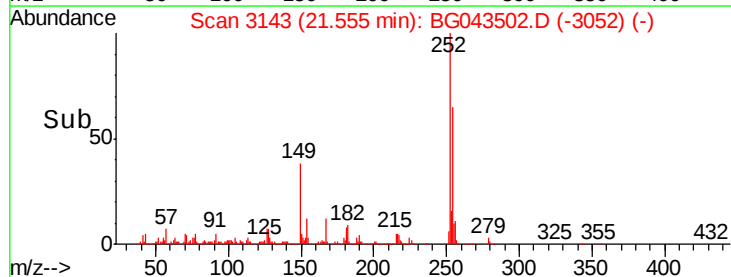
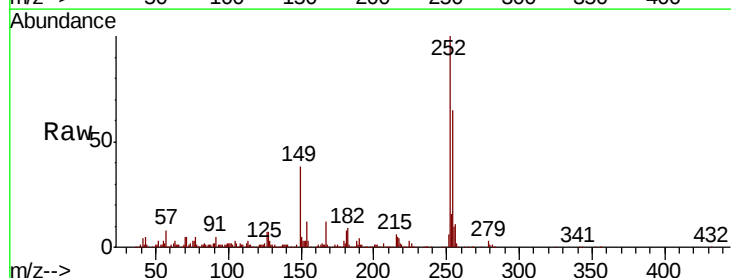
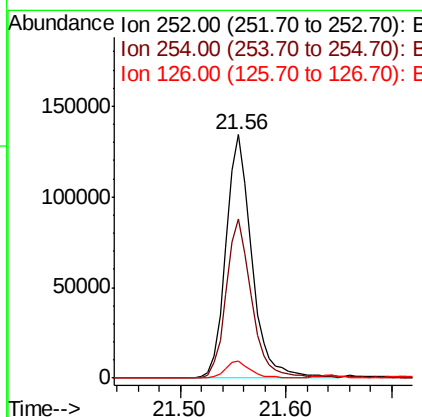
RT: 21.56 min Scan# 3143

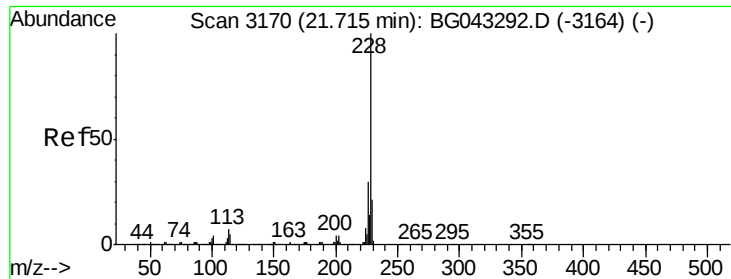
Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	252	Resp:	227005
Ion Ratio	Lower	Upper	
252	100		
254	65.1	50.8	76.2
126	6.8	6.1	9.1





#83

Chrysene

Concen: 38.790 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

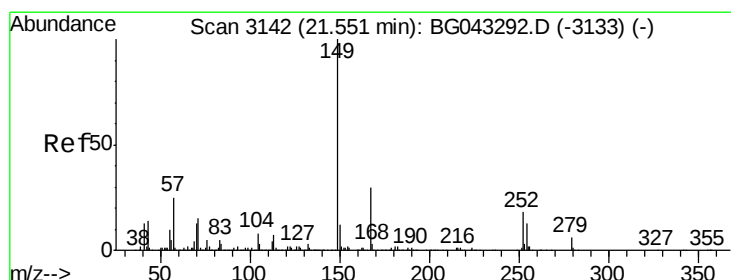
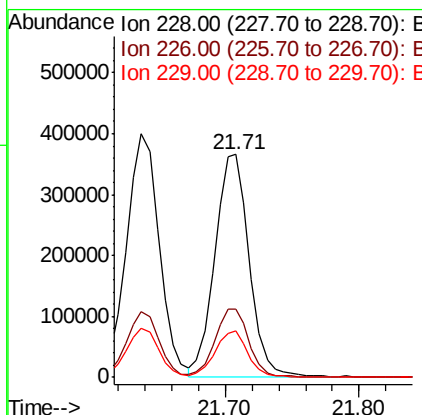
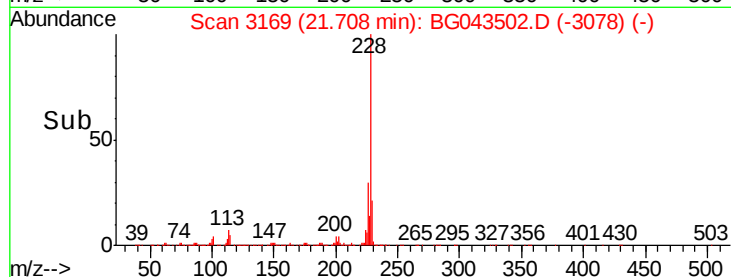
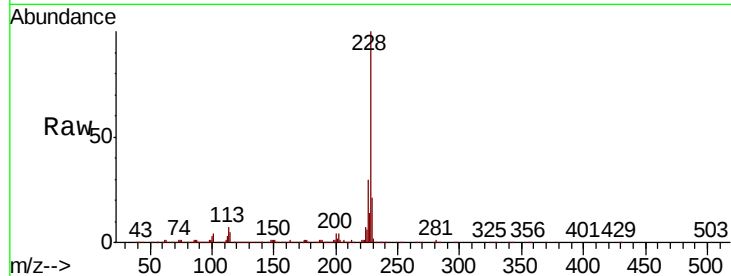
ClientSampleId :

PB124505BS

Tot Ion:	228	Resp:	654210
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	20.7	17.0	25.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.277 ng

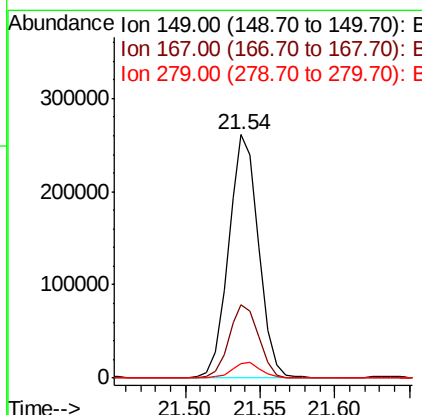
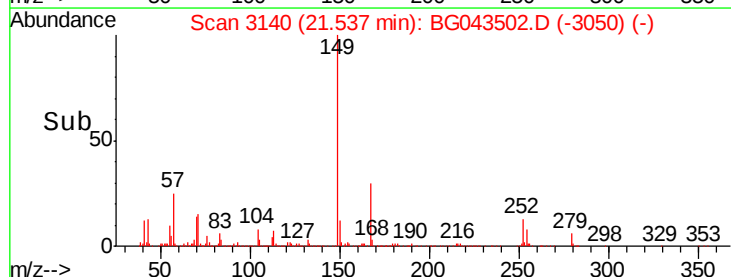
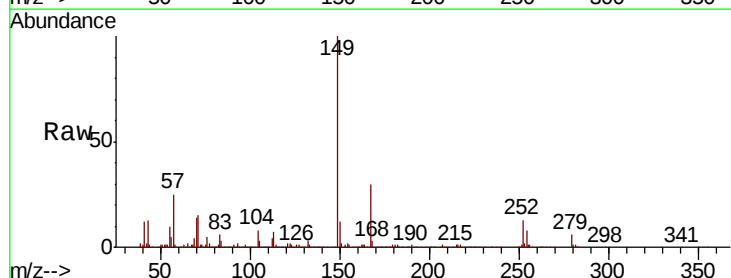
RT: 21.54 min Scan# 3140

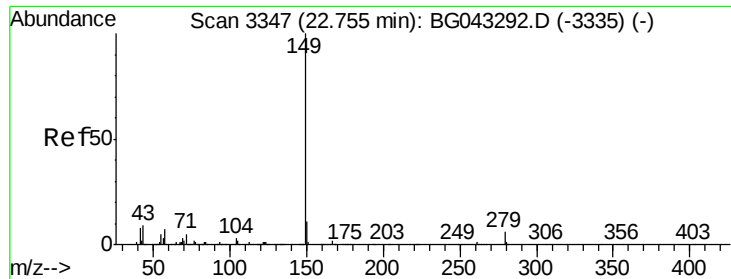
Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	149	Resp:	363589
Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	5.9	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 41.017 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

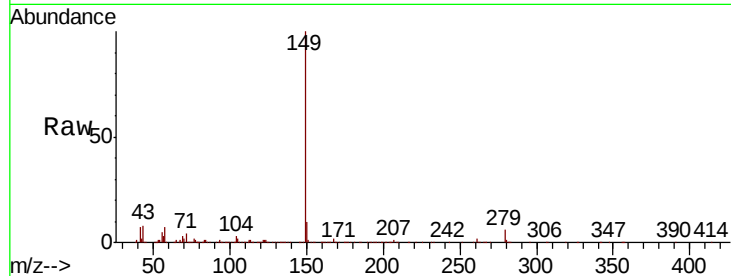
ClientSampleId :

PB124505BS

Tot Ion:	149	Resp:	628195
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	8.4	7.0	10.6

Manual Integrations
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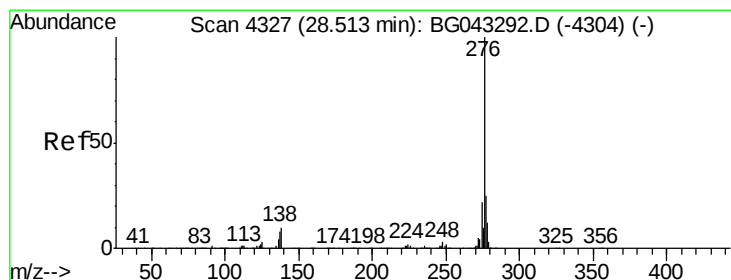
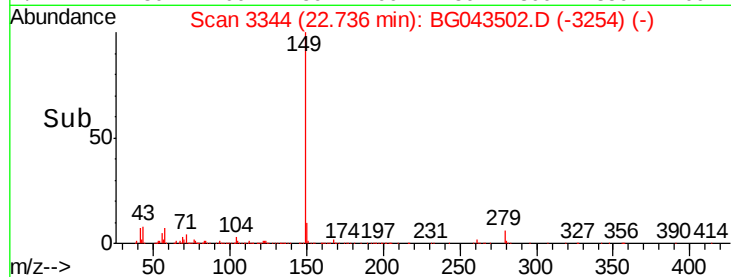
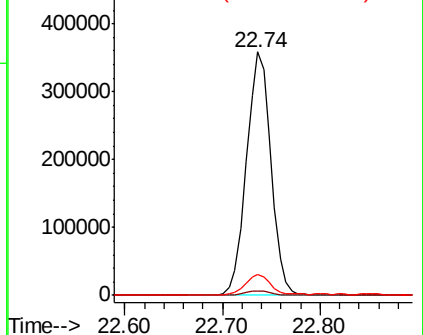


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.591 ng

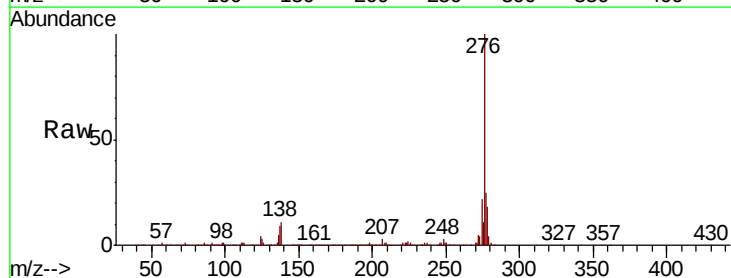
RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	276	Resp:	859322
Ion Ratio	Lower	Upper	
276	100		
138	5.9	6.8	10.2#
277	26.6	20.9	31.3

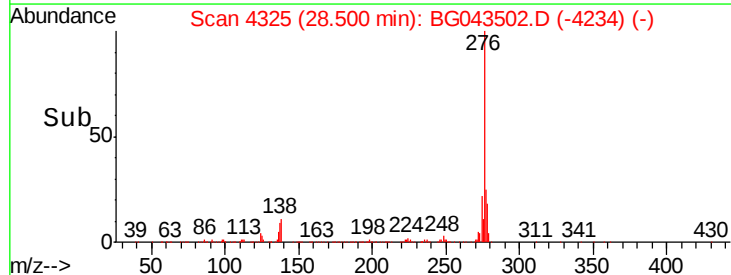
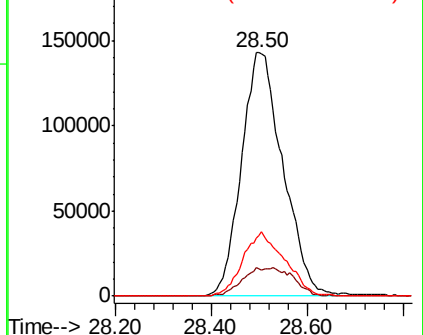


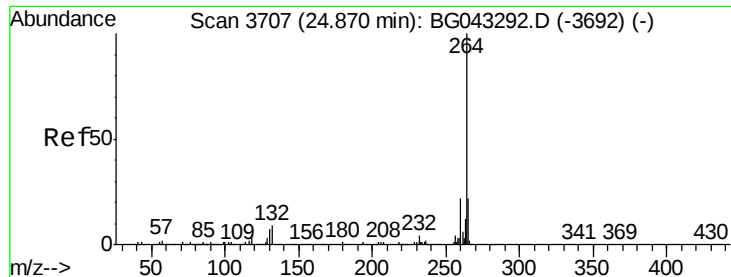
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





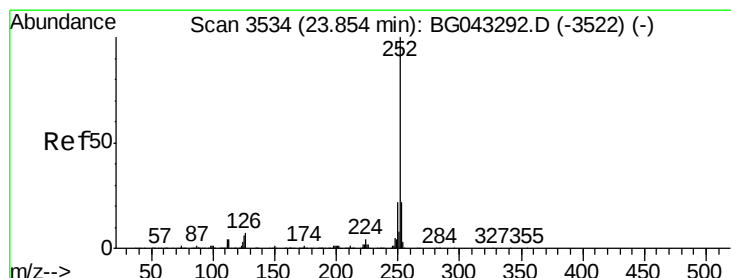
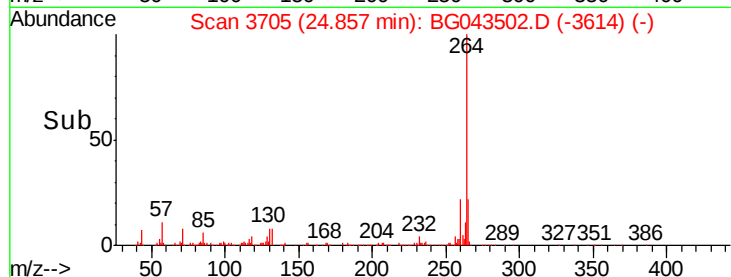
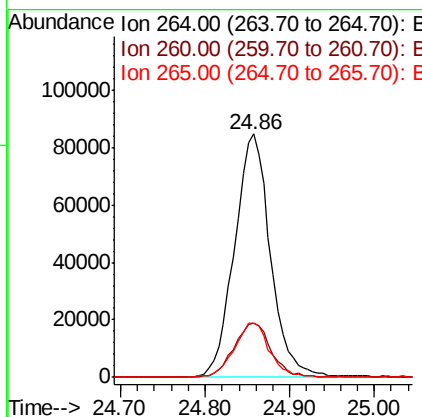
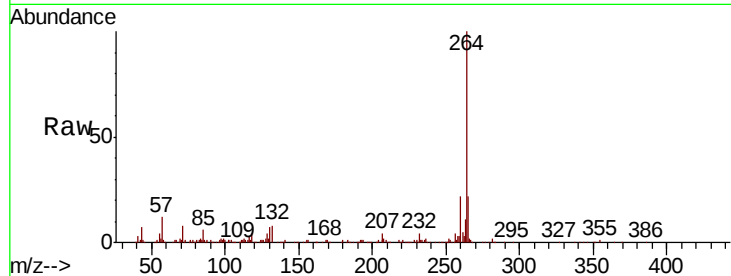
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	22.4	17.4	26.0

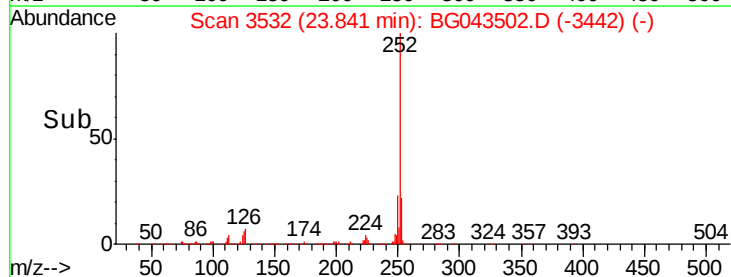
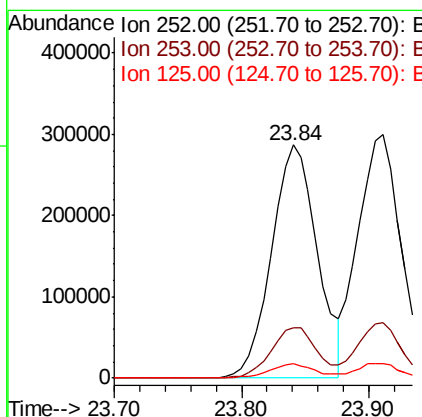
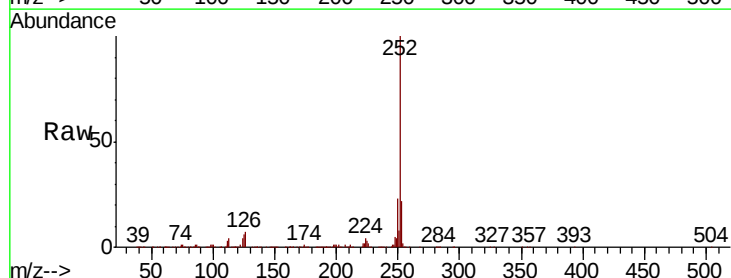
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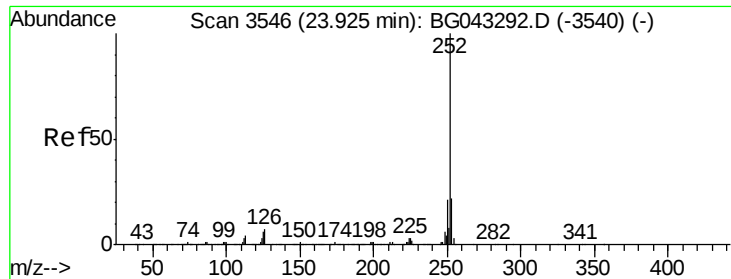
mohammad
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#88
Benzo(b)fluoranthene
Concen: 51.202 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	6.0	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 50.634 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Instrument :

BNA_G

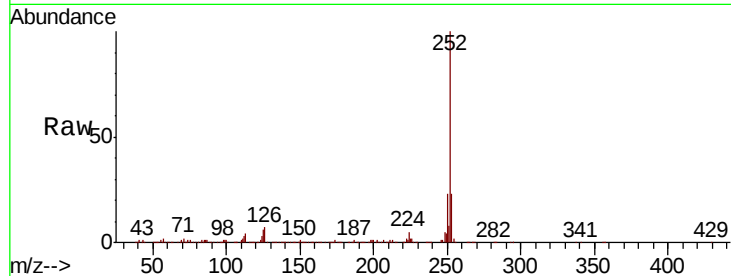
ClientSampleId :

PB124505BS

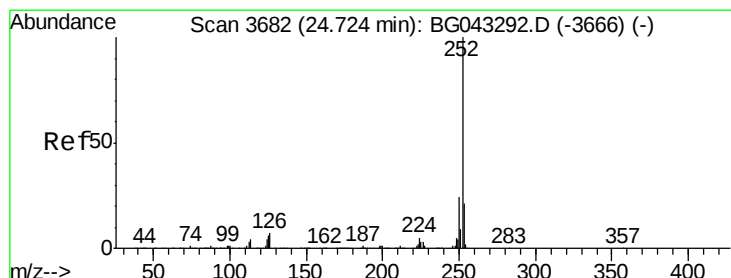
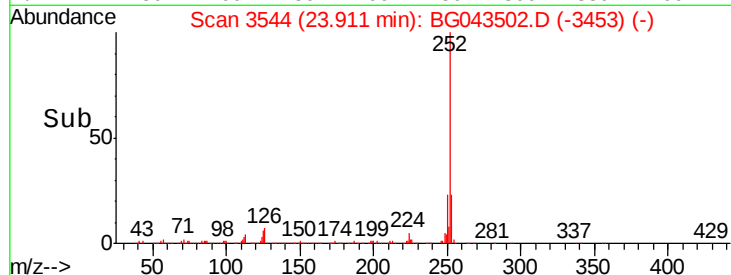
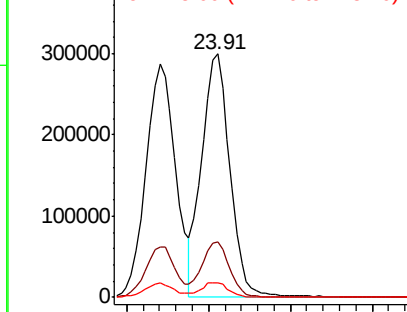
Tot Ion:	252	Resp:	718416
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.3	25.9
125	5.8	4.6	6.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.668 ng

RT: 24.70 min Scan# 3679

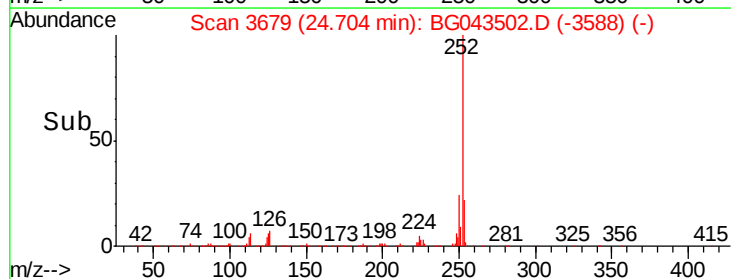
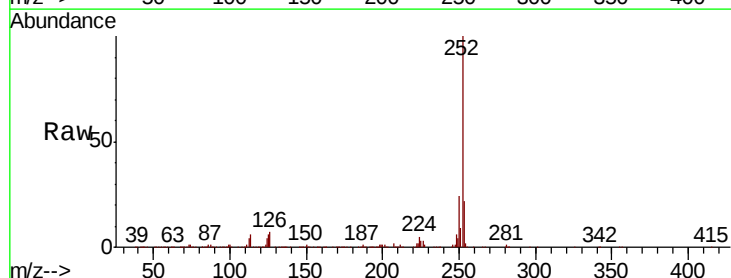
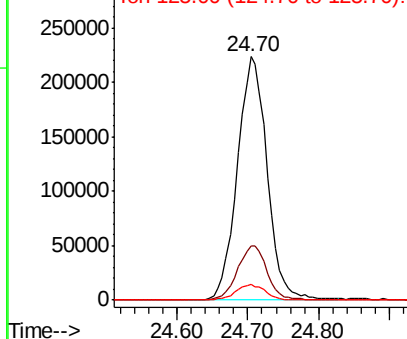
Delta R.T. 0.00 min

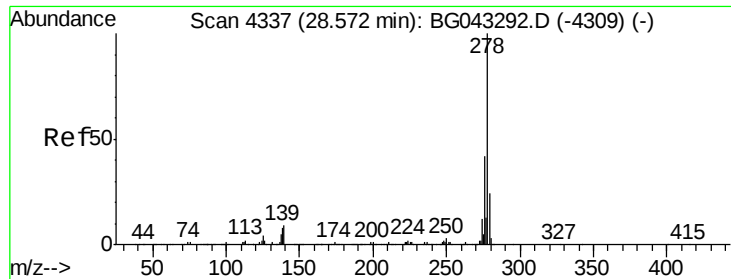
Lab File: BG043502.D

Acq: 5 Nov 2019 11:25

Tgt Ion:	252	Resp:	655008
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	6.3	5.4	8.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





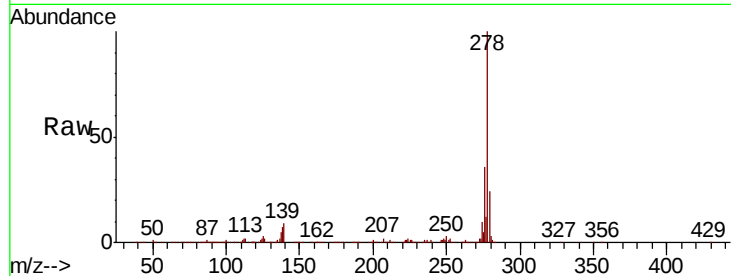
#91
Dibenzo(a,h)anthracene
Concen: 53.757 ng
RT: 28.56 min Scan# 4335
Delta R.T. 0.00 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.4	11.0
279	23.8	19.1	28.7

Manual Integrations
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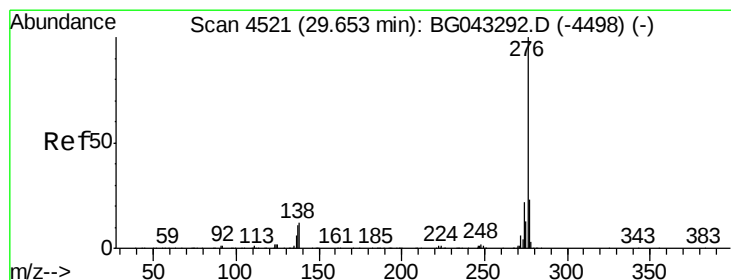
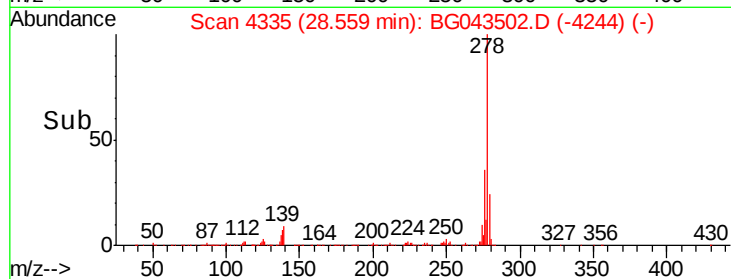
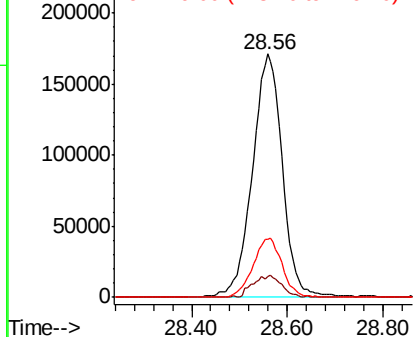


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.636 ng
RT: 29.65 min Scan# 4520
Delta R.T. 0.02 min
Lab File: BG043502.D
Acq: 5 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	12.2	8.9	13.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

