

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043756.D
 Acq On : 23 Nov 2019 15:06
 Operator : JU
 Sample : PB124977BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BS

Manual Integrations
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mohammad
 11/25/2019 2:33:43 PM

Quant Time: Nov 25 02:46:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45217	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	260052	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	231530	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	590404	20.00	ng	0.00
76) Chrysene-d12	21.67	240	629095	20.00	ng	0.00
87) Perylene-d12	24.85	264	456178	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	431941	171.74	ng	0.00
7) Phenol-d6	7.18	99	667233	182.49	ng	0.00
23) Nitrobenzene-d5	9.18	82	296900	62.77	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	346871	124.21	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	864291	61.36	ng	0.00
79) Terphenyl-d14	20.01	244	1875464	67.36	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	30774	27.595 ng	91
3) Pyridine	3.91	79	93640	29.821 ng	97
4) n-Nitrosodimethylamine	3.82	42	67838	43.490 ng	96
6) Aniline	7.35	93	181096	38.008 ng	99
8) 2-Chlorophenol	7.60	128	175840	61.297 ng	97
9) Benzaldehyde	7.16	77	70252	32.167 ng	92
10) Phenol	7.21	94	244931	65.256 ng	96
11) bis(2-Chloroethyl)ether	7.45	93	151194	48.266 ng	96
12) 1,3-Dichlorobenzene	7.92	146	142233	42.119 ng	98
13) 1,4-Dichlorobenzene	8.07	146	147393	43.092 ng	99
14) 1,2-Dichlorobenzene	8.38	146	146614	45.302 ng	96
15) Benzyl Alcohol	8.26	79	183543	60.102 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	257908	47.874 ng	98
17) 2-Methylphenol	8.46	107	174957	65.197 ng	98
18) Hexachloroethane	9.12	117	53953	41.785 ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	158221	55.029 ng	96
20) 3+4-Methylphenols	8.79	107	249489	66.641 ng	97
22) Acetophenone	8.85	105	265768	38.559 ng	# 96
24) Nitrobenzene	9.22	77	199572	41.050 ng	100
25) Isophorone	9.75	82	453001	44.667 ng	99
26) 2-Nitrophenol	9.93	139	82706	47.152 ng	99
27) 2,4-Dimethylphenol	10.00	122	201651	58.549 ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	261730	41.872 ng	98
29) 2,4-Dichlorophenol	10.47	162	219843	52.506 ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	189608	38.644 ng	98
31) Naphthalene	10.88	128	555112	43.031 ng	99
32) Benzoic acid	10.13	122	138754	55.865 ng	95
33) 4-Chloroaniline	10.98	127	169730	27.309 ng	96
34) Hexachlorobutadiene	11.18	225	111936	34.694 ng	98
35) Caprolactam	11.74	113	93823m	55.108 ng	
36) 4-Chloro-3-methylphenol	12.10	107	258827	55.006 ng	99
37) 2-Methylnaphthalene	12.48	142	465832	47.918 ng	98
38) 1-Methylnaphthalene	12.70	142	447566	48.510 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	255613	34.696 ng	99

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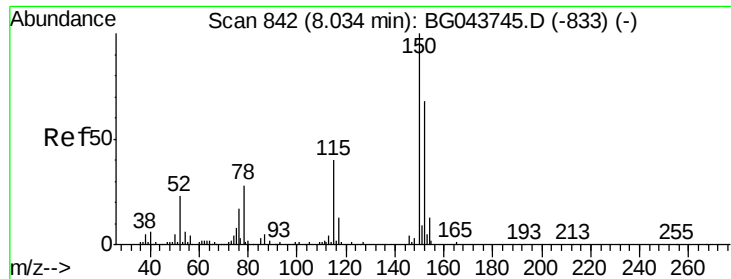
Manual Integrations
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 11/25/2019 2:33:43 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	239737	60.230	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	205372	43.344	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	225999	45.848	nq	97
46) 1,1'-Biphenyl	13.49	154	628382	39.154	nq	99
47) 2-Chloronaphthalene	13.53	162	501022	38.282	nq	98
48) 2-Nitroaniline	13.72	65	168130	43.880	nq	96
49) Acenaphthylene	14.38	152	864500	41.984	nq	99
50) Dimethylphthalate	14.11	163	740061	40.350	nq	99
51) 2,6-Dinitrotoluene	14.22	165	160953	47.255	nq	97
52) Acenaphthene	14.72	154	575339	43.691	nq	100
53) 3-Nitroaniline	14.54	138	128779	32.370	nq	# 98
54) 2,4-Dinitrophenol	14.75	184	137514	98.818	nq	# 60
55) Dibenzofuran	15.05	168	849504	41.410	nq	99
56) 4-Nitrophenol	14.85	139	322423	96.216	nq	97
57) 2,4-Dinitrotoluene	15.00	165	228013	48.271	nq	97
58) Fluorene	15.70	166	702549	41.760	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	222052m	44.851	nq	
60) Diethylphthalate	15.48	149	778331	40.880	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	381764	41.216	nq	98
62) 4-Nitroaniline	15.71	138	183901	40.313	nq	95
63) Azobenzene	15.99	77	724805	41.987	nq	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	104120	48.058	nq	94
66) n-Nitrosodiphenylamine	15.91	169	672268	43.006	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	254080	40.809	nq	98
68) Hexachlorobenzene	16.71	284	276831	40.671	nq	98
69) Atrazine	16.86	200	285417	45.559	nq	97
70) Pentachlorophenol	17.05	266	387851	93.382	nq	98
71) Phenanthrene	17.44	178	1231521	42.156	nq	98
72) Anthracene	17.53	178	1259369	42.675	nq	97
73) Carbazole	17.80	167	1219886	41.918	nq	99
74) Di-n-butylphthalate	18.37	149	1461603	39.058	nq	98
75) Fluoranthene	19.45	202	1669794	39.846	nq	96
77) Benzidine	19.62	184	278243	15.141	nq	96
78) Pyrene	19.80	202	1706707	42.036	nq	98
80) Butylbenzylphthalate	20.71	149	776434	41.979	nq	97
81) Benzo(a)anthracene	21.64	228	1688514	40.148	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	473363	30.014	nq	98
83) Chrysene	21.71	228	1590261	39.960	nq	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	991623	38.105	nq	97
85) Di-n-octyl phthalate	22.80	149	1449031	34.328	nq	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1611651	34.814	nq	98
88) Benzo(b)fluoranthene	23.84	252	1403349	51.524	nq	97
89) Benzo(k)fluoranthene	23.91	252	1310399	50.130	nq	100
90) Benzo(a)pyrene	24.70	252	1254884	48.998	nq	99
91) Dibenzo(a,h)anthracene	28.54	278	1336902	53.816	nq	97
92) Benzo(g,h,i)perylene	29.60	276	1348040	55.026	nq	99

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



#1

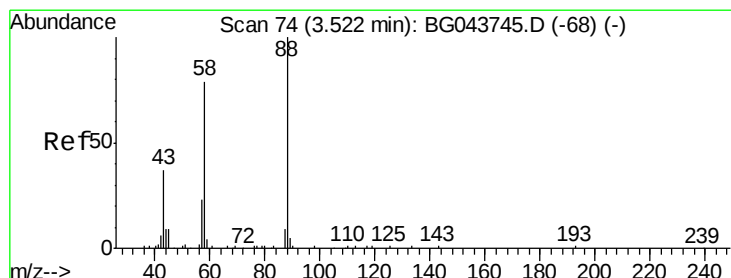
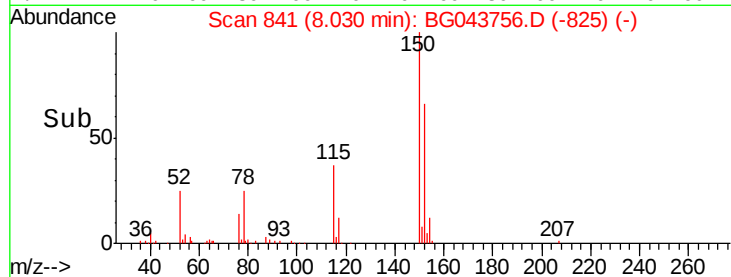
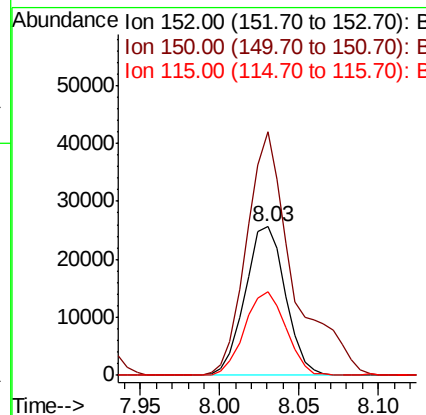
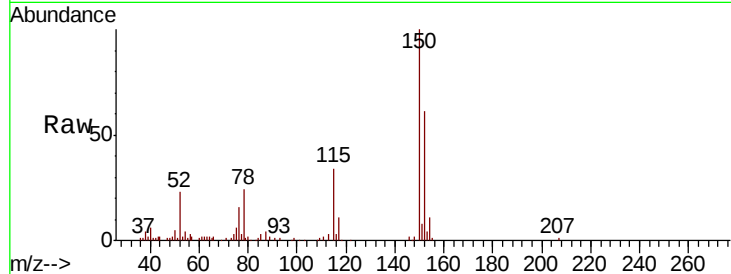
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	117.8	176.8
115	56.0	47.0	70.4

Manual Integrations
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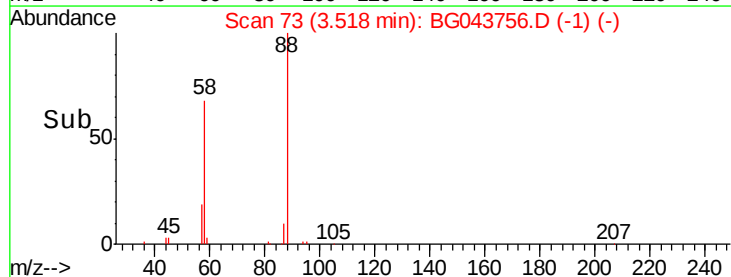
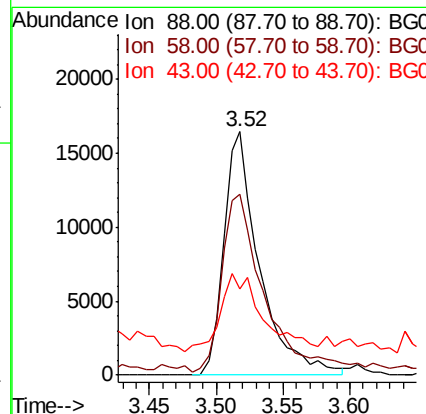
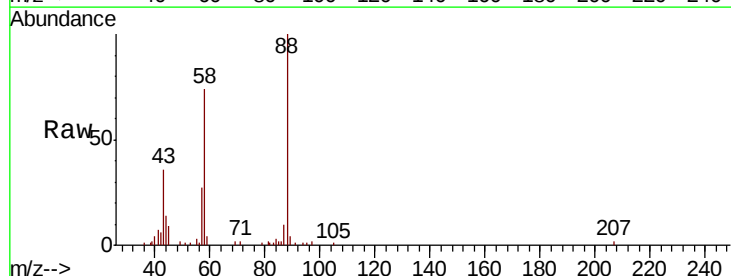
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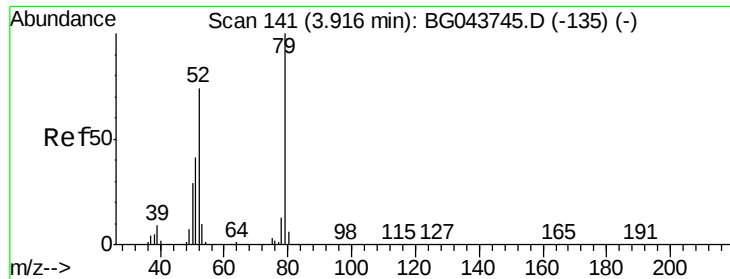


#2

1,4-Dioxane
Concen: 27.595 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	62.3	93.5
43	37.8	28.9	43.3





#3

Pvridine

Concen: 29.821 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

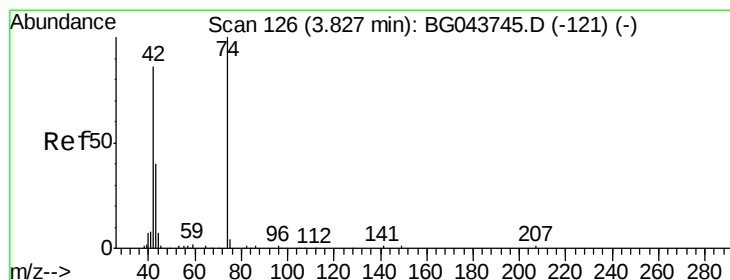
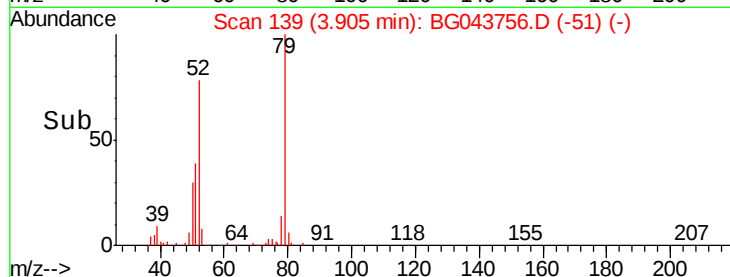
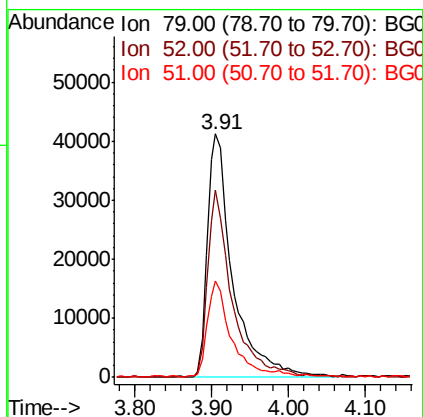
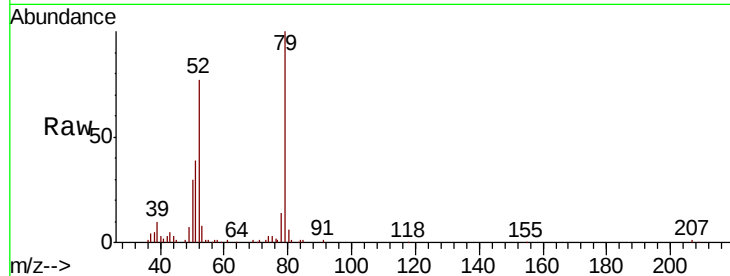
ClientSampleId :

PB124977BS

Tot Ion:	79	Resp:	93640
Ion	Ratio	Lower	Upper
79	100		
52	77.1	59.0	88.6
51	39.4	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 43.490 ng

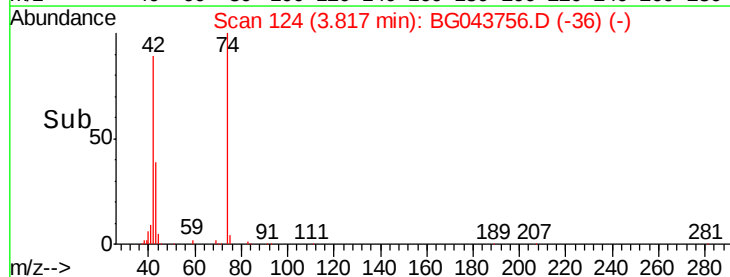
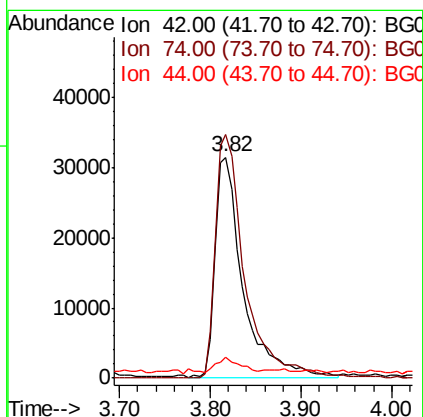
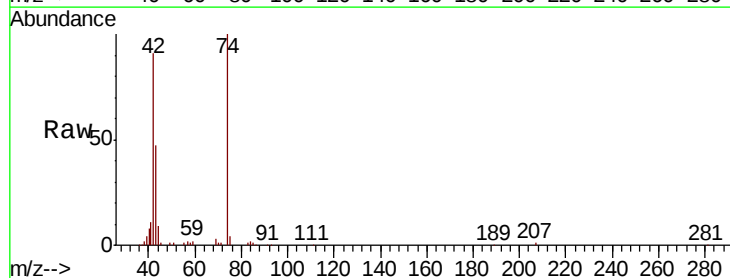
RT: 3.82 min Scan# 124

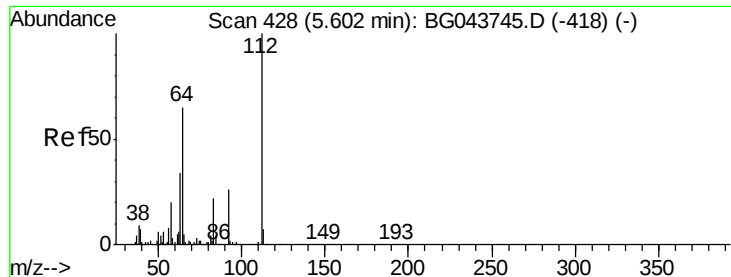
Delta R.T. -0.01 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	42	Resp:	67838
Ion	Ratio	Lower	Upper
42	100		
74	110.2	91.9	137.9
44	9.5	9.1	13.7





#5

2-Fluorophenol

Concen: 171.735 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

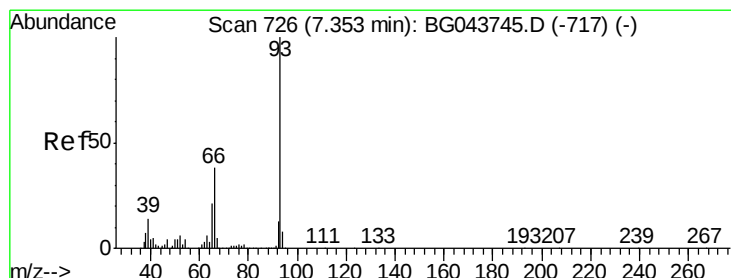
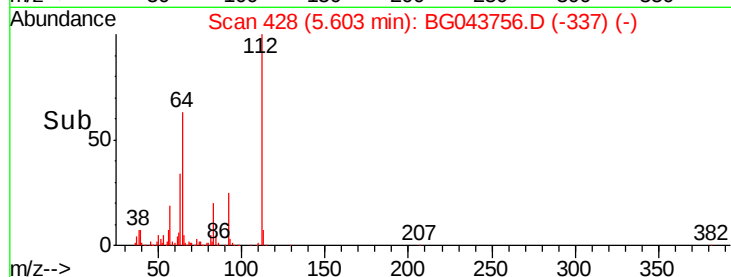
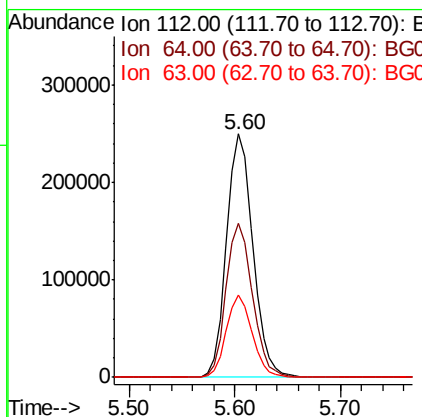
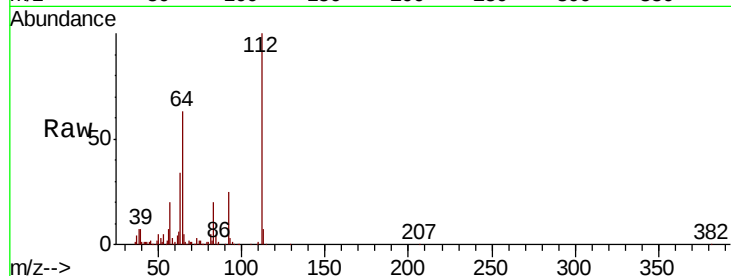
ClientSampleId :

PB124977BS

Tot Ion:	112	Resp:	431941
Ion Ratio	Lower	Upper	
112	100		
64	63.4	51.7	77.5
63	33.8	26.8	40.2

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#6

Aniline

Concen: 38.008 ng

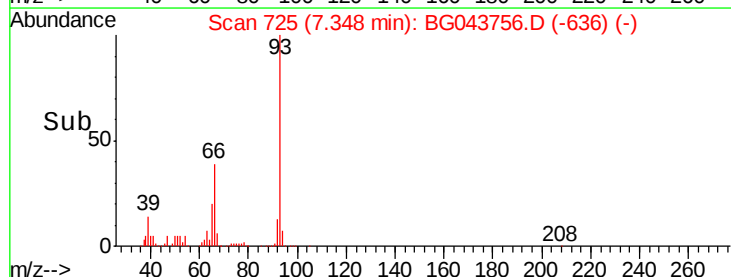
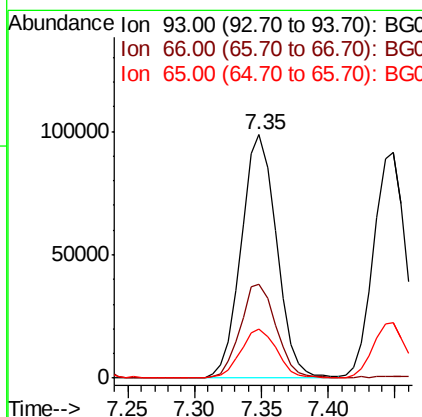
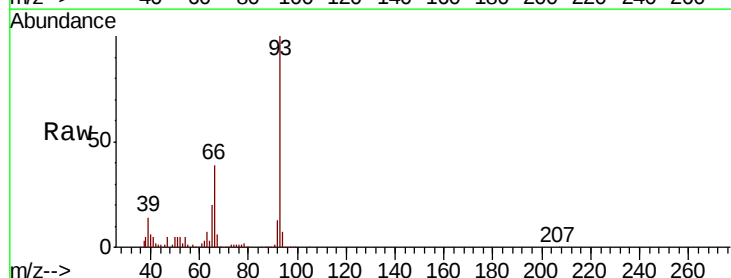
RT: 7.35 min Scan# 725

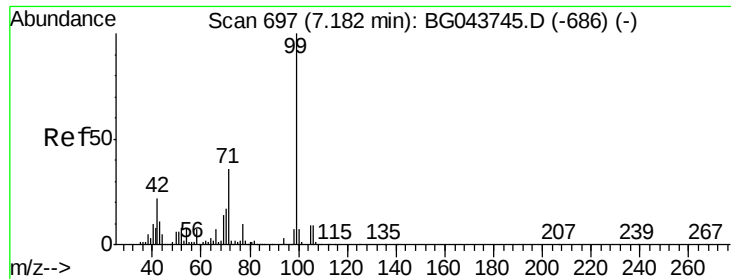
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	93	Resp:	181096
Ion Ratio	Lower	Upper	
93	100		
66	38.7	30.6	46.0
65	20.1	16.8	25.2





#7

Phenol-d6

Concen: 182.493 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

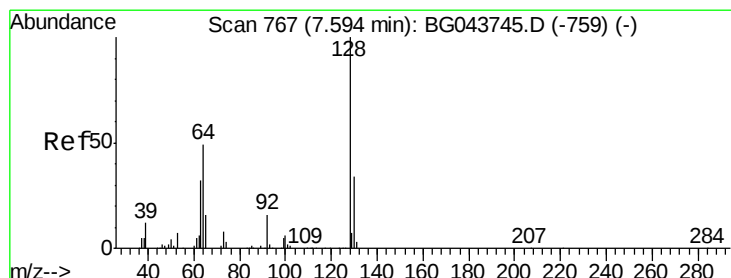
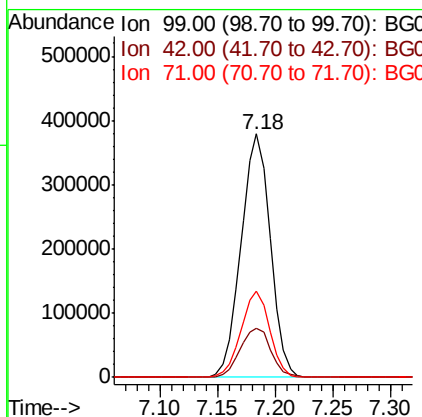
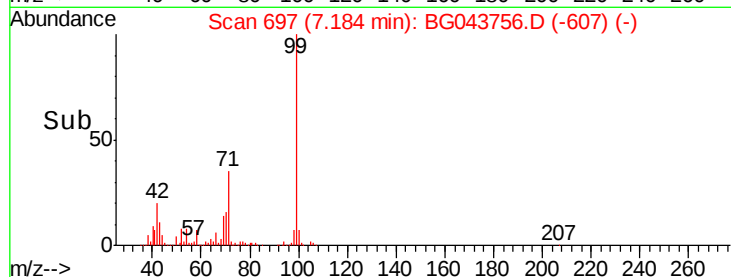
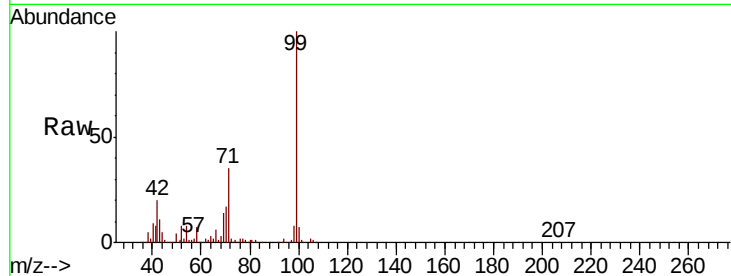
ClientSampleId :

PB124977BS

Tot Ion:	99	Resp:	667233
Ion Ratio	Lower	Upper	
99	100		
42	20.2	17.4	26.0
71	35.4	29.5	44.3

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#8

2-Chlorophenol

Concen: 61.297 ng

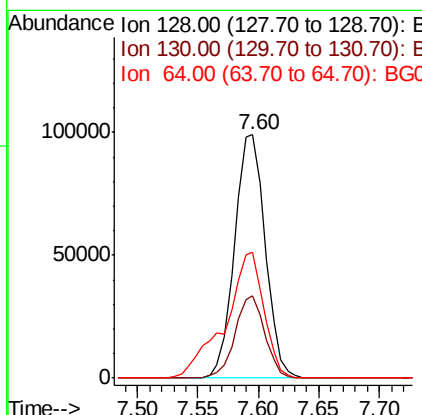
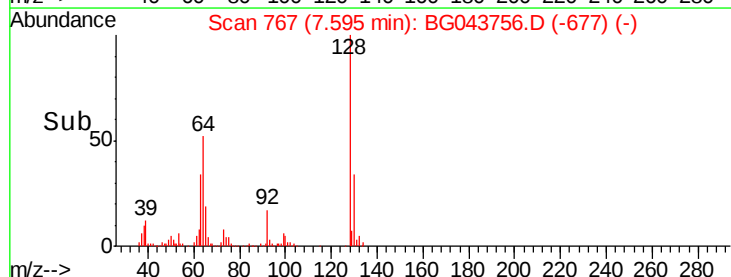
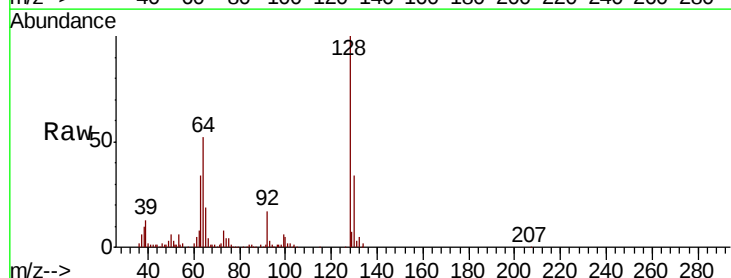
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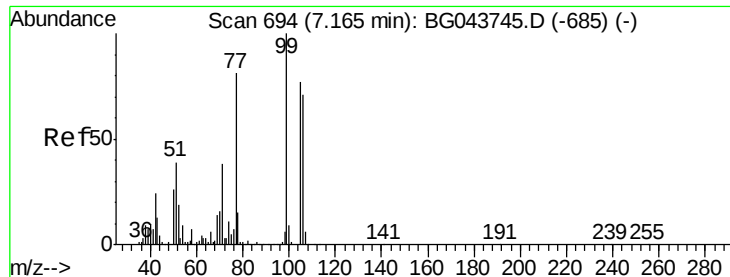
Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	128	Resp:	175840
Ion Ratio	Lower	Upper	
128	100		
130	33.8	14.3	54.3
64	51.6	34.5	74.5





#9

Benzaldehyde

Concen: 32.167 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

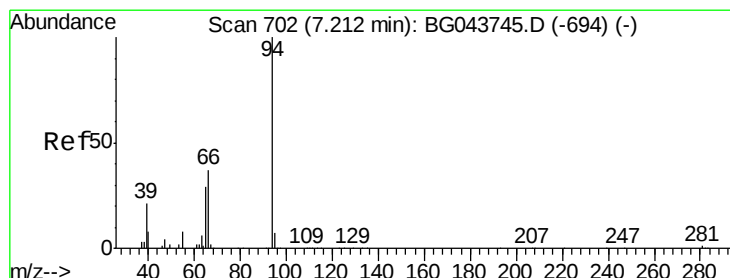
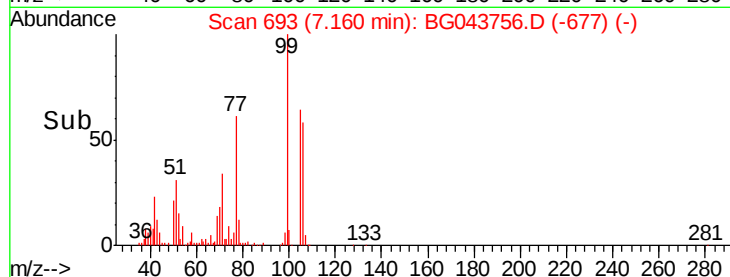
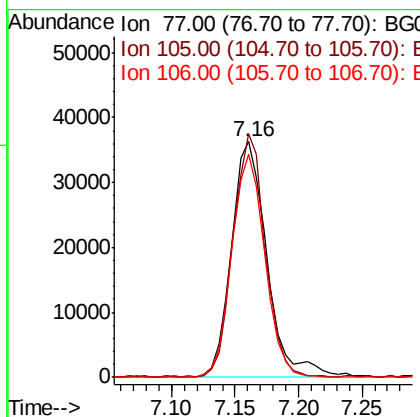
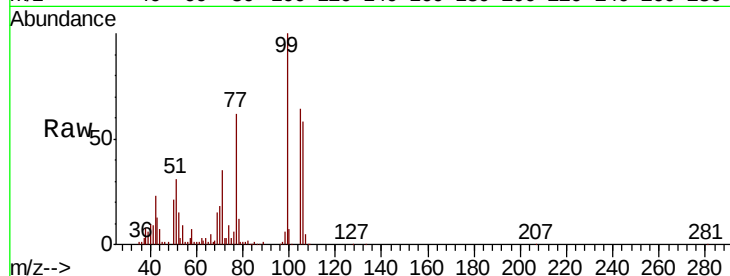
ClientSampleId :

PB124977BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.3	75.0	115.0	
106	94.4	67.4	107.4	

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#10

Phenol

Concen: 65.256 ng

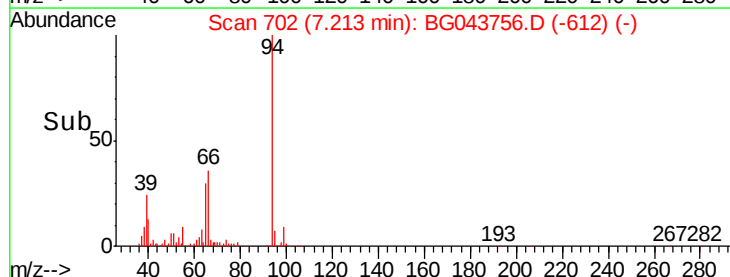
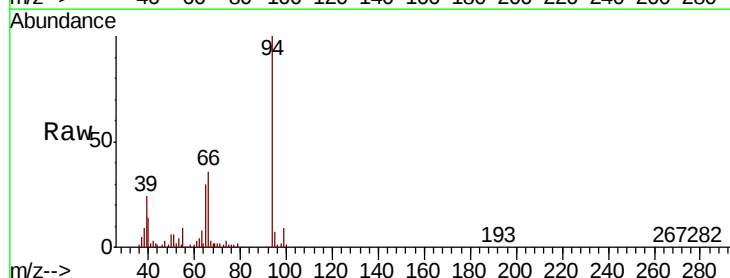
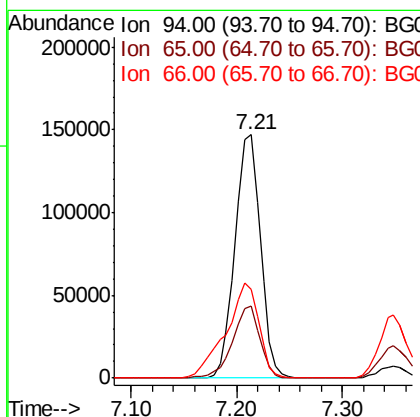
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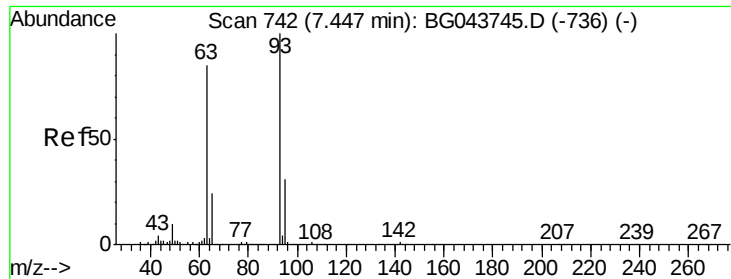
Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.7	10.3	50.3	
66	36.3	20.5	60.5	





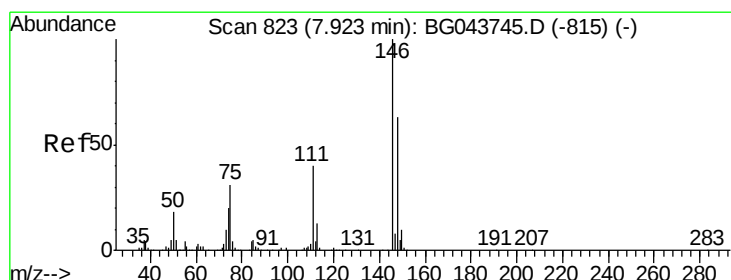
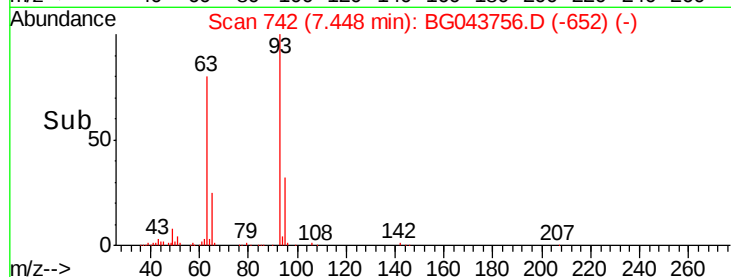
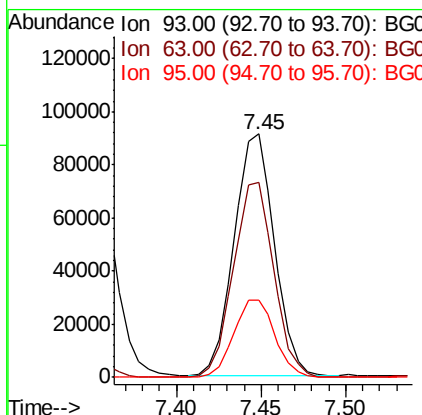
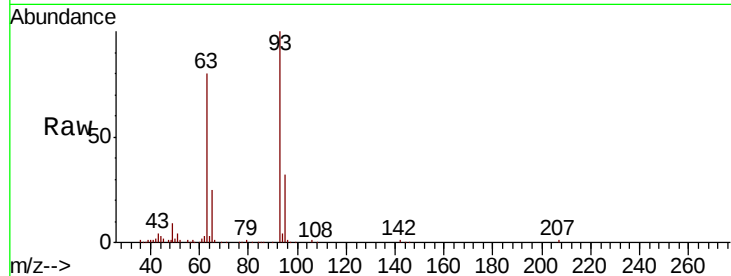
#11
bis(2-Chloroethyl)ether
Concen: 48.266 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	64.4	104.4
95	31.8	11.3	51.3

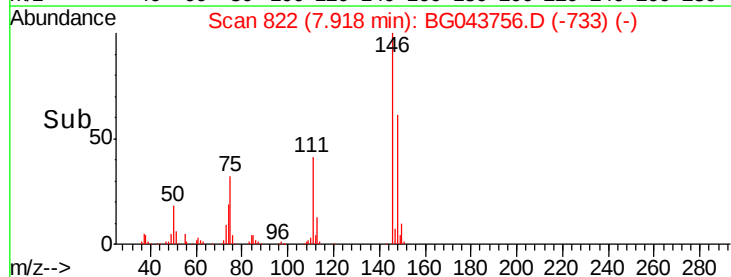
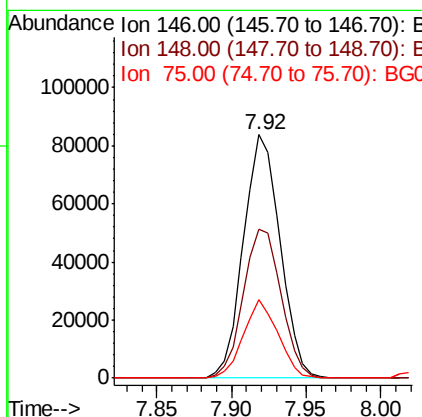
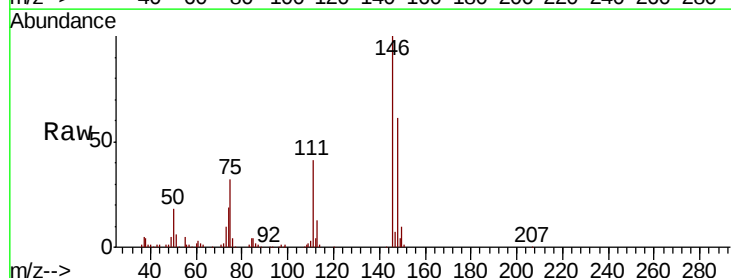
Manual Integrations
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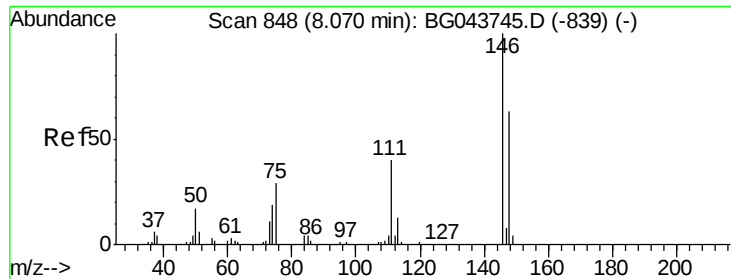
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.119 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.6	75.8
75	32.0	25.2	37.8





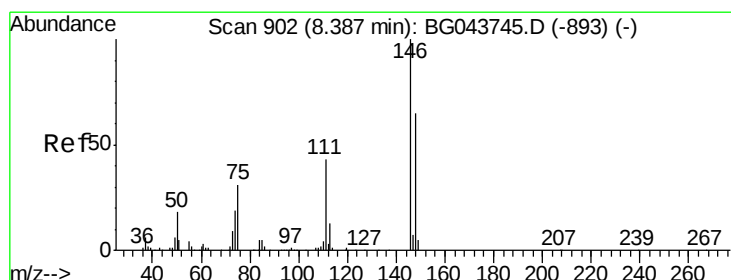
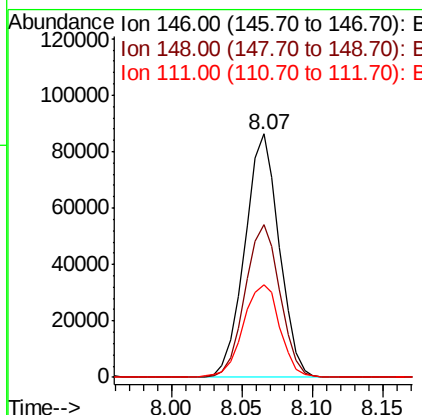
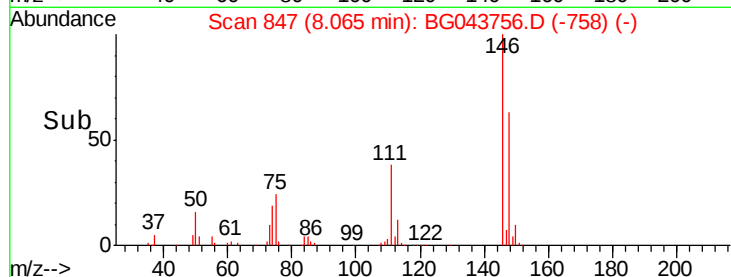
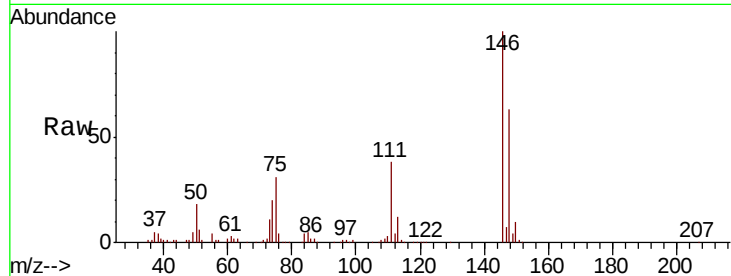
#13
 1,4-Dichlorobenzene
 Concen: 43.092 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.1	75.1
111	38.2	32.1	48.1

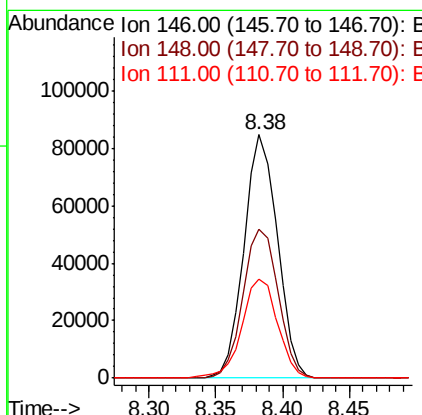
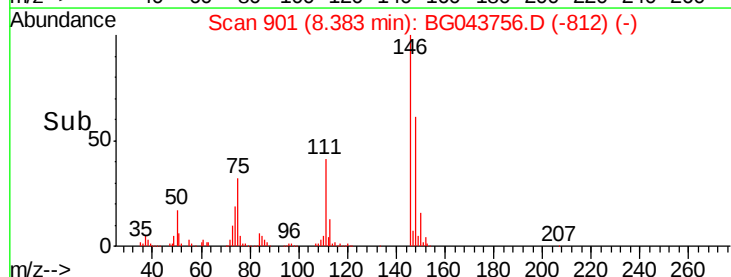
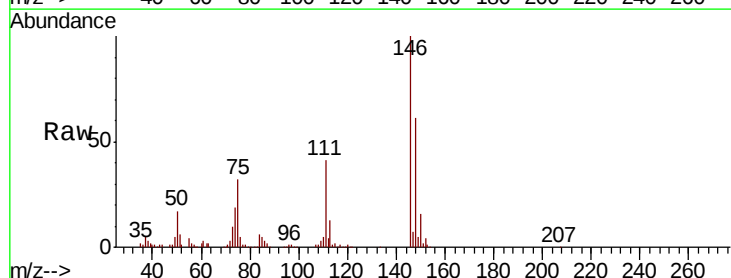
Manual Integrations
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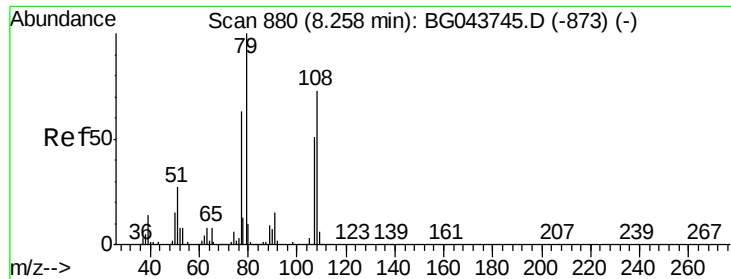
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#14
 1,2-Dichlorobenzene
 Concen: 45.302 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.1	78.1
111	40.9	34.7	52.1





#15

Benzyl Alcohol

Concen: 60.102 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

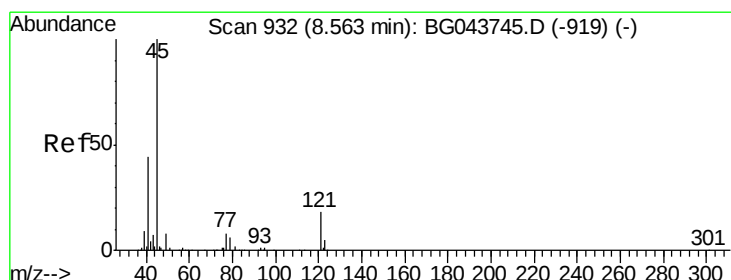
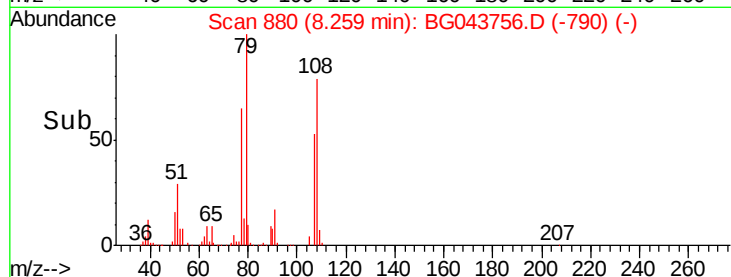
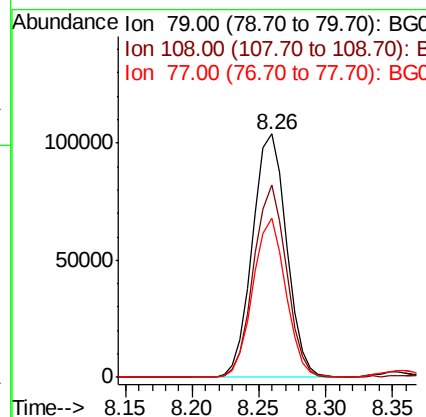
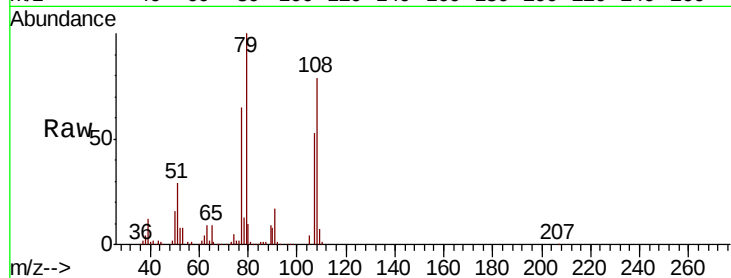
ClientSampled :

PB124977BS

Tot Ion:	79	Resp:	183543
Ion Ratio	Lower	Upper	
79	100		
108	79.1	58.2	87.2
77	65.5	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.874 ng

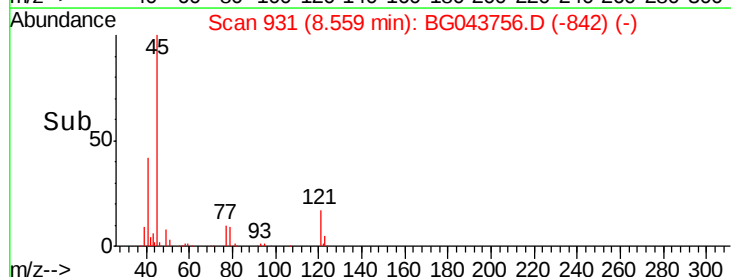
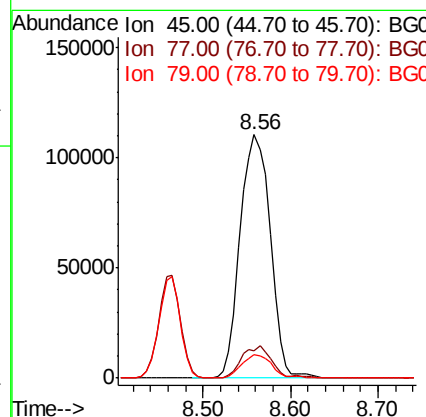
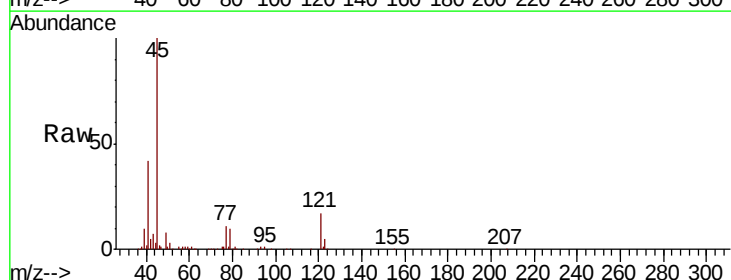
RT: 8.56 min Scan# 931

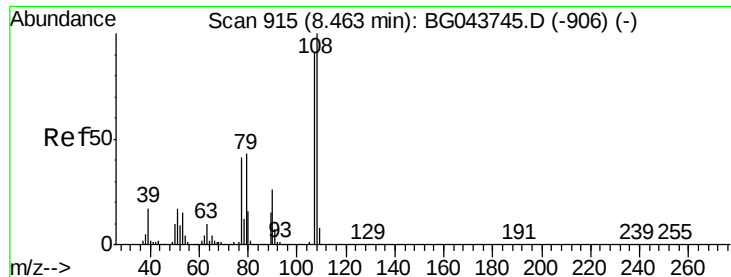
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	45	Resp:	257908
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	32.2
79	9.7	0.0	29.9





#17

2-Methylphenol

Concen: 65.197 ng

RT: 8.46 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

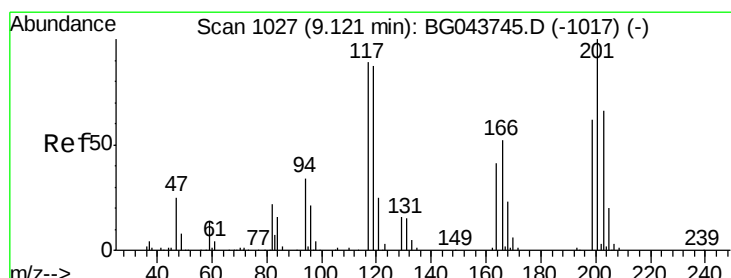
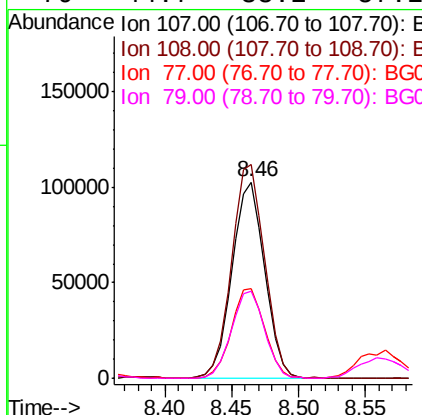
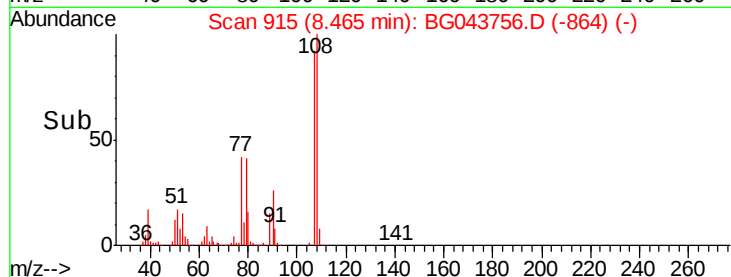
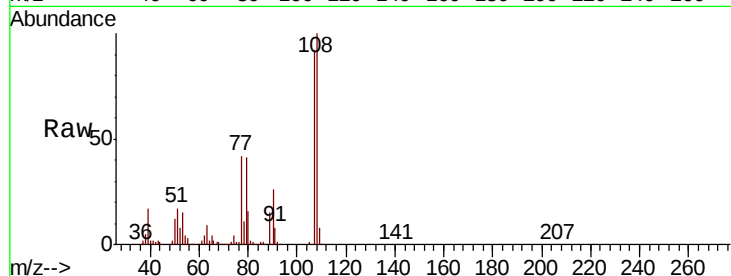
ClientSampleId :

PB124977BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	174957		
108	109.0	88.0	132.0	
77	45.4	35.9	53.9	
79	44.7	38.2	57.2	

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#18

Hexachloroethane

Concen: 41.785 ng

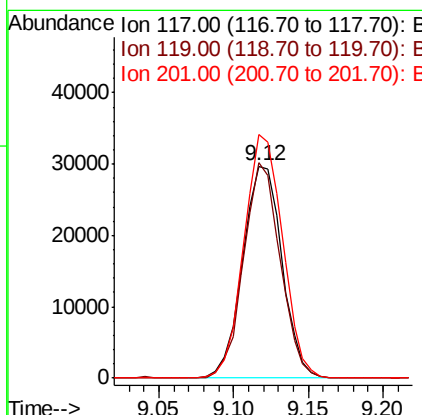
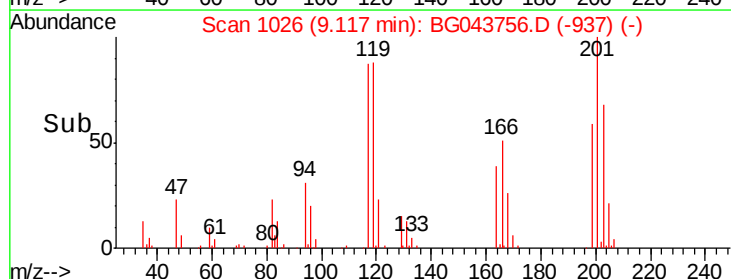
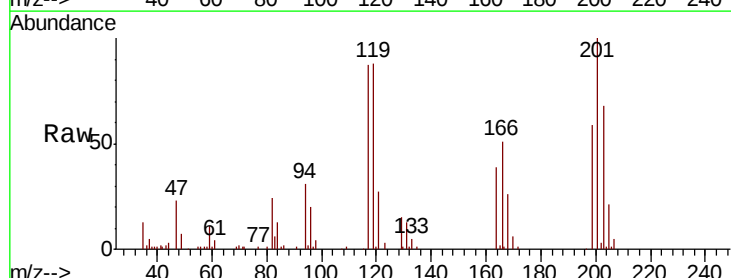
RT: 9.12 min Scan# 1026

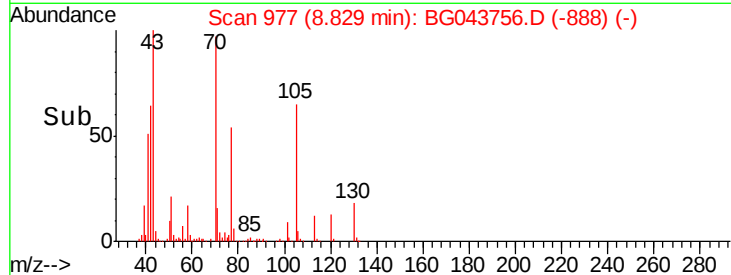
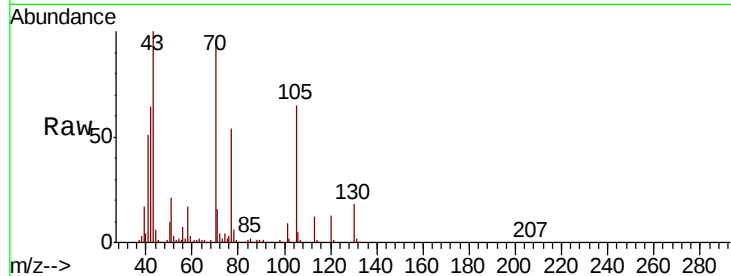
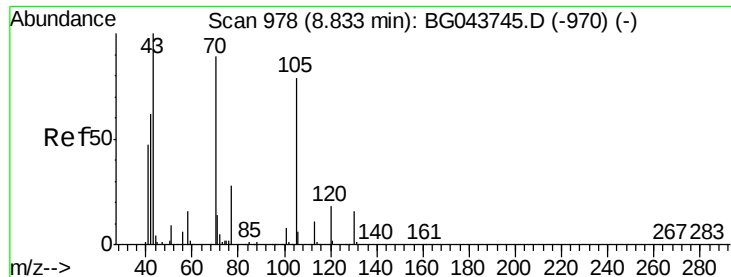
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53953		
119	101.6	77.7	116.5	
201	114.8	89.4	134.0	





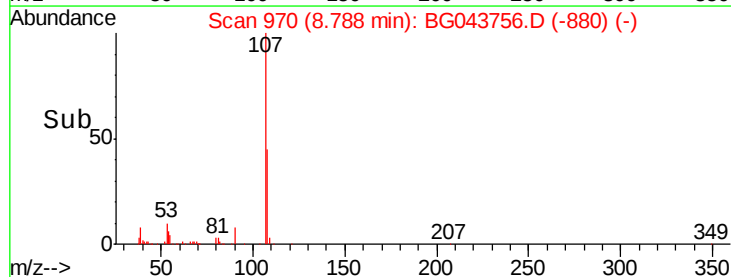
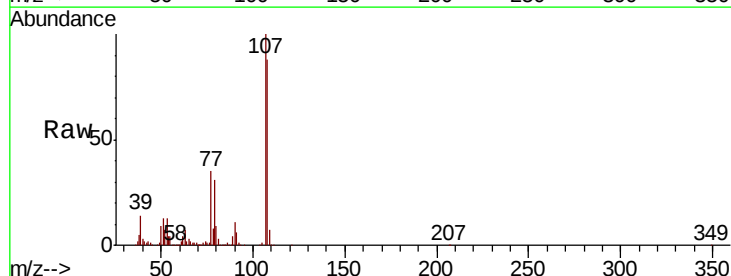
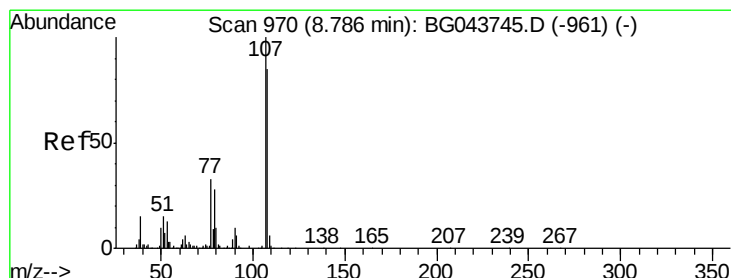
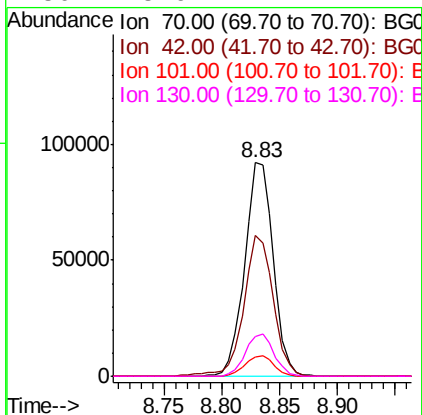
#19
n-Nitroso-di-n-propylamine
Concen: 55.029 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Manual Integrations
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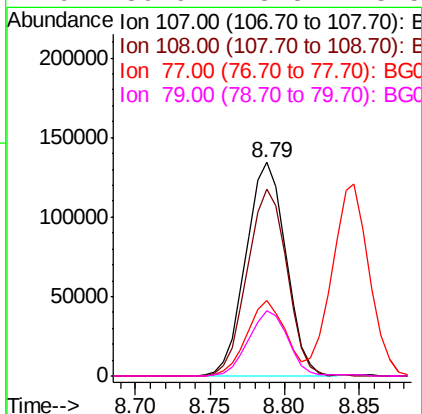
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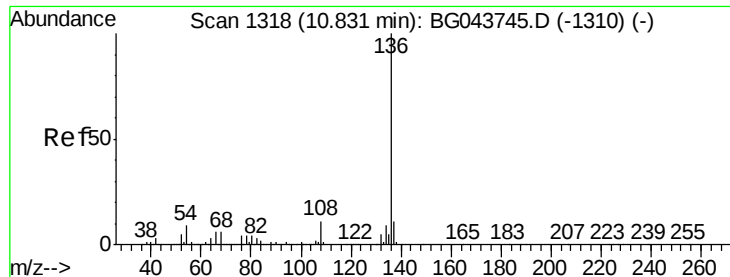
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	56.4	84.6
101	9.2	6.7	10.1
130	18.9	14.7	22.1



#20
3+4-Methylphenols
Concen: 66.641 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	64.6	104.6
77	35.1	13.7	53.7
79	30.9	8.5	48.5





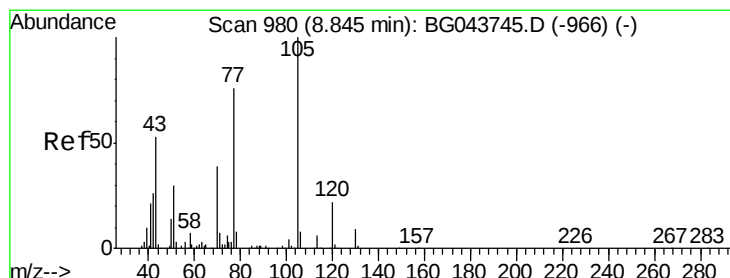
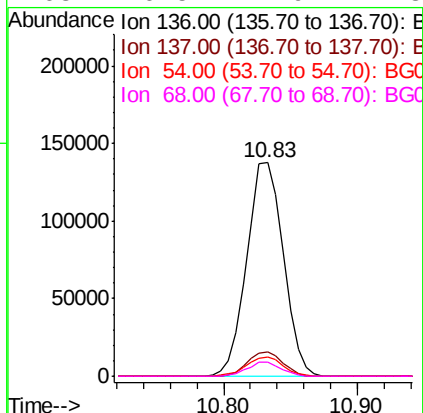
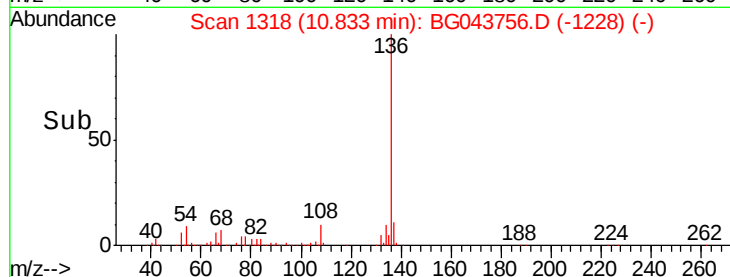
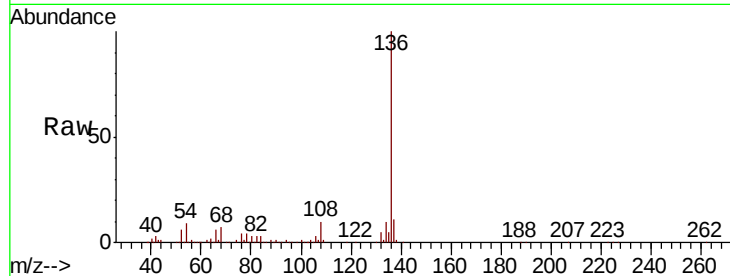
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	260052		
137	11.2	8.8	13.2	
54	9.2	7.5	11.3	
68	6.5	4.9	7.3	

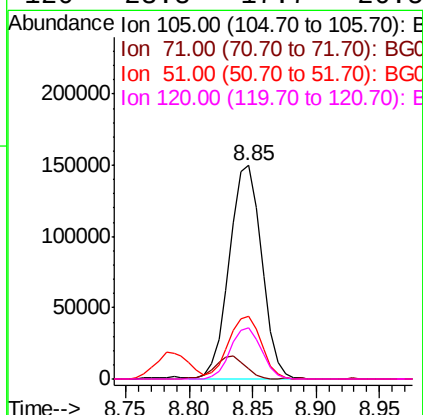
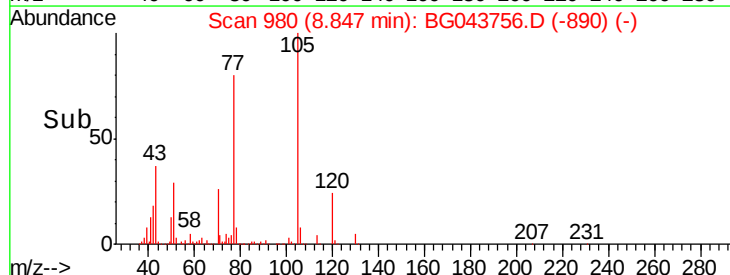
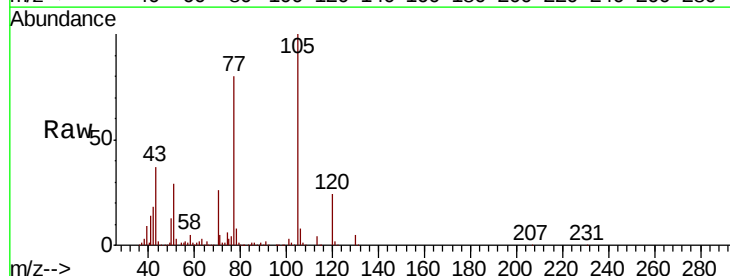
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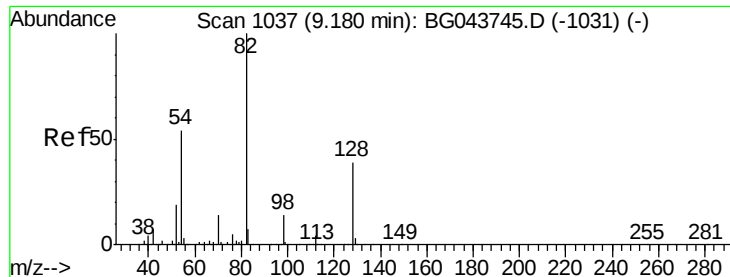
mohammad
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#22
Acetophenone
Concen: 38.559 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265768		
71	4.6	6.3	9.5#	
51	29.2	24.7	37.1	
120	23.8	17.7	26.5	





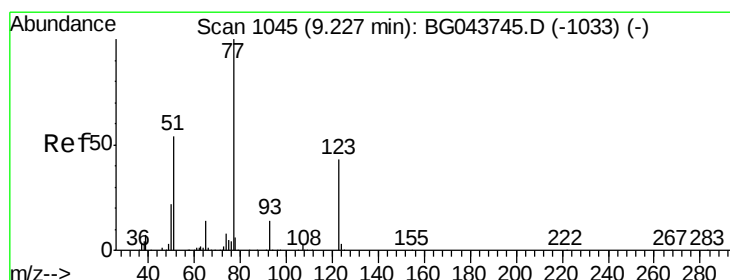
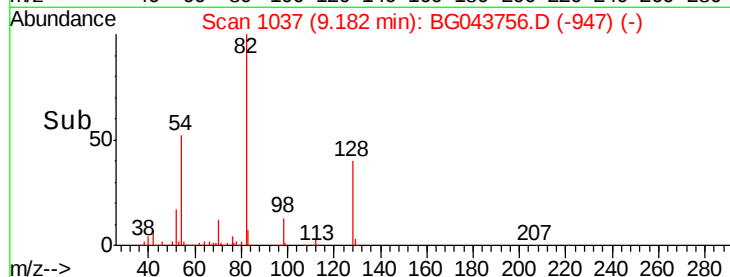
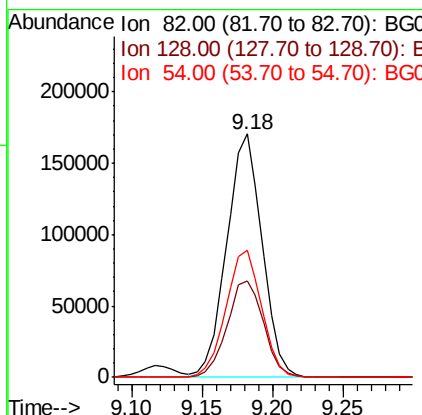
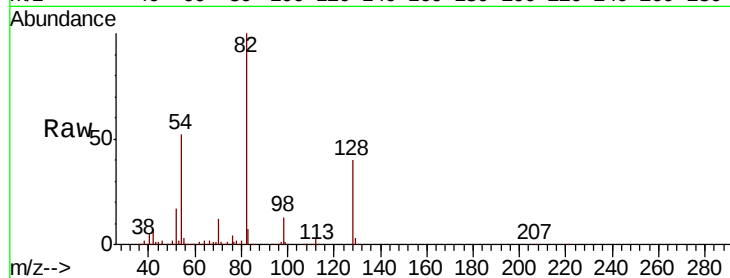
#23
Nitrobenzene-d5
Concen: 62.773 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	82	Resp	296900
Ion Ratio	100	Lower	Upper
82	100		
128	39.6	31.3	46.9
54	52.1	42.7	64.1

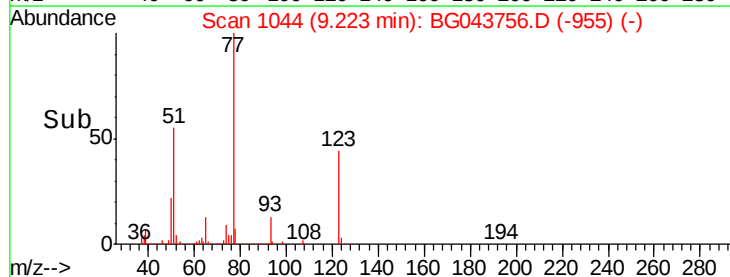
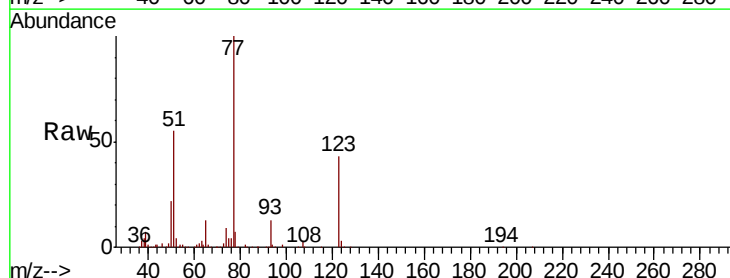
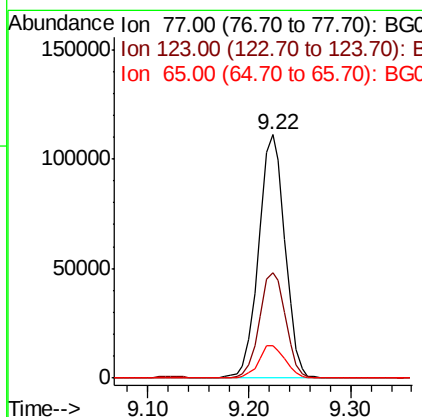
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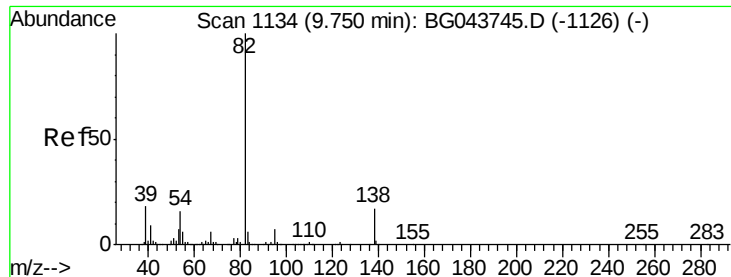
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#24
Nitrobenzene
Concen: 41.050 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	77	Resp	199572
Ion Ratio	100	Lower	Upper
77	100		
123	43.5	34.7	52.1
65	13.4	11.0	16.6





#25

Isophorone

Concen: 44.667 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

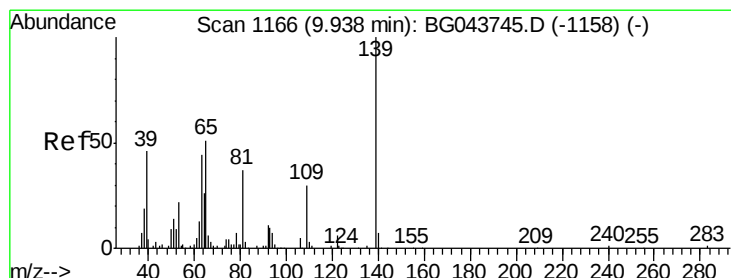
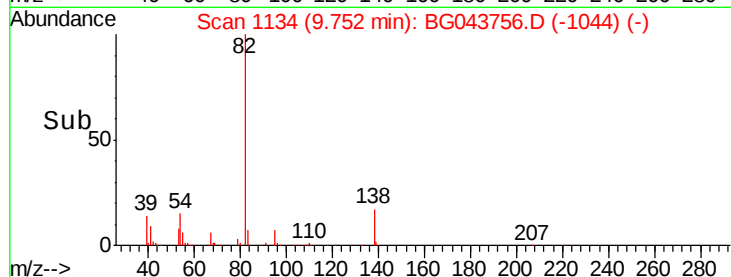
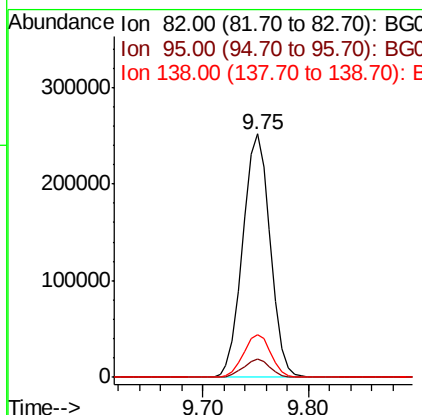
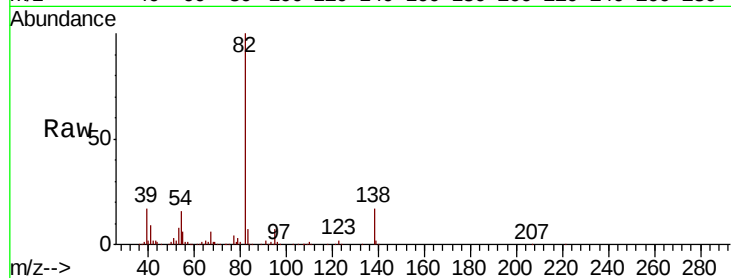
ClientSampleId :

PB124977BS

Tot Ion	82	Resp	453001
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.9	8.9
138	17.4	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.152 ng

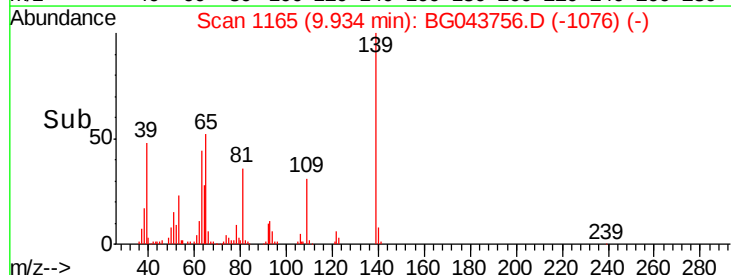
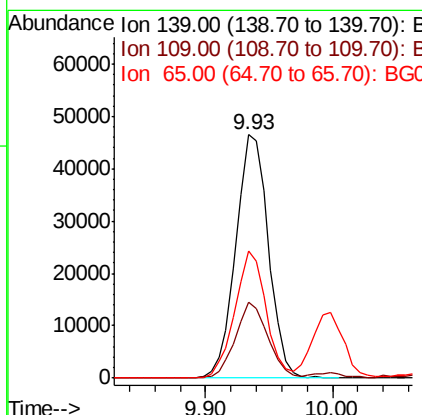
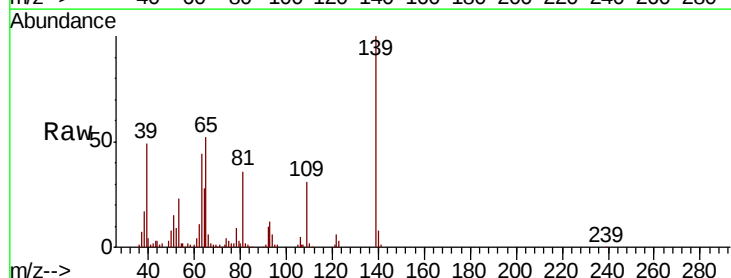
RT: 9.93 min Scan# 1165

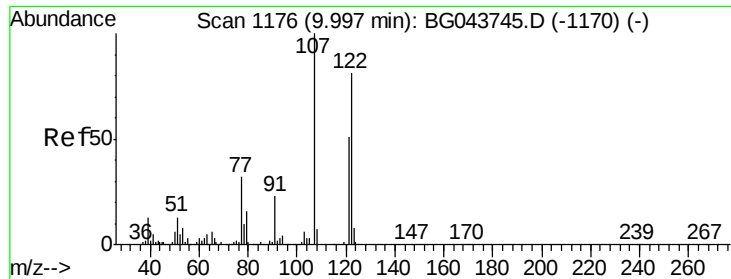
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion	139	Resp	82706
Ion Ratio	Lower	Upper	
139	100		
109	31.0	24.1	36.1
65	52.1	41.1	61.7





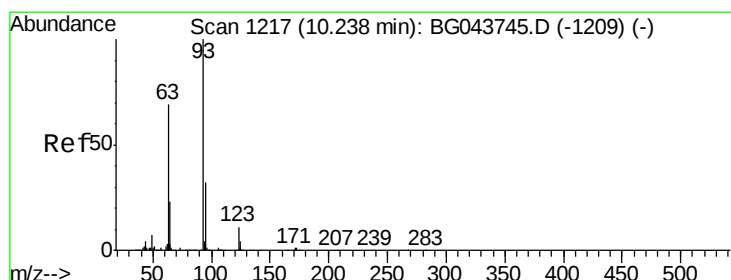
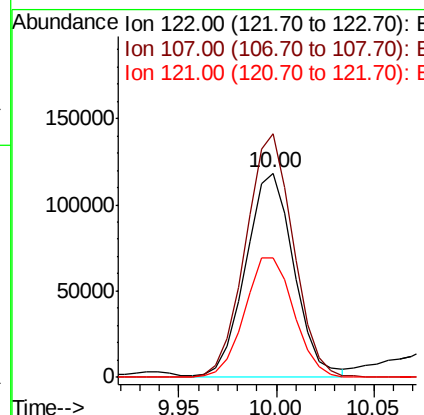
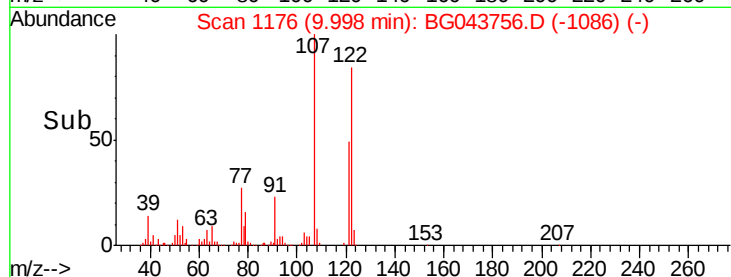
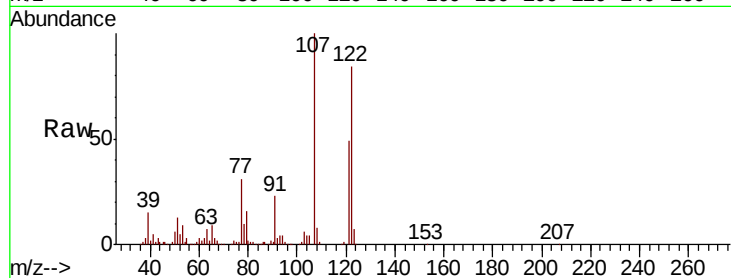
#27
2,4-Dimethylphenol
Concen: 58.549 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	98.5	147.7
121	58.5	49.6	74.4

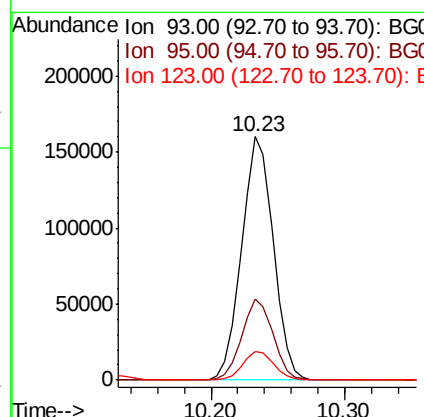
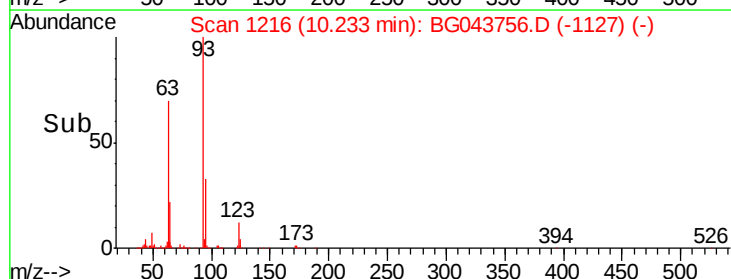
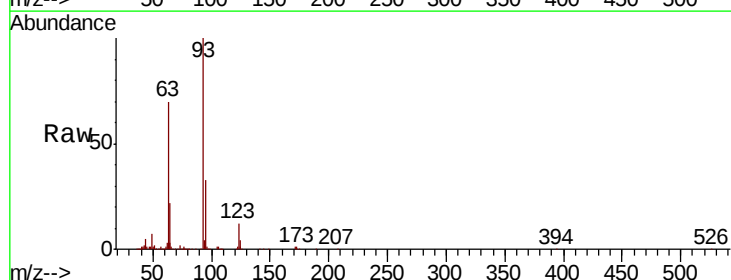
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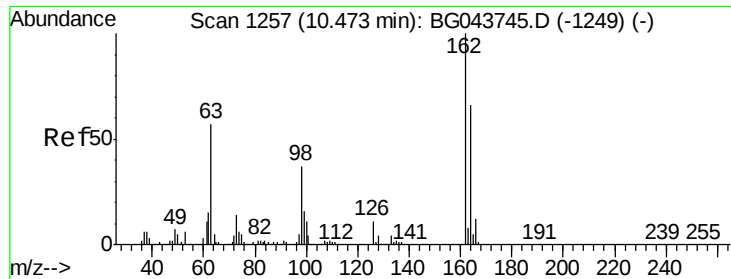
mohammad
11/25/2019 2:33:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.872 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	11.7	8.7	13.1





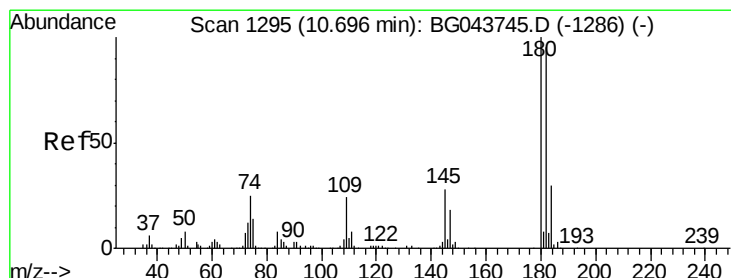
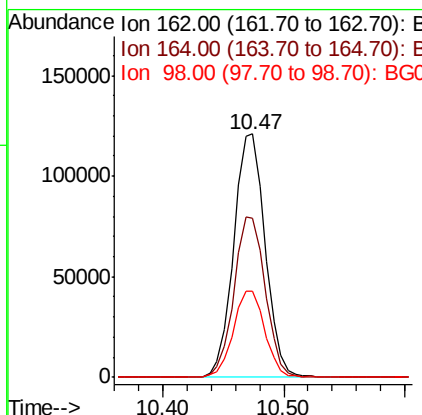
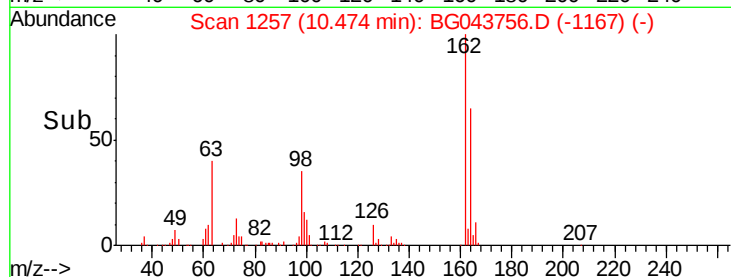
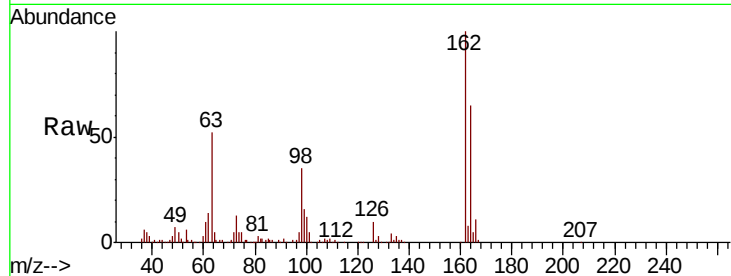
#29
2,4-Dichlorophenol
Concen: 52.506 ng
RT: 10.47 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	219843		
164	65.3	46.4	86.4	
98	35.3	17.3	57.3	

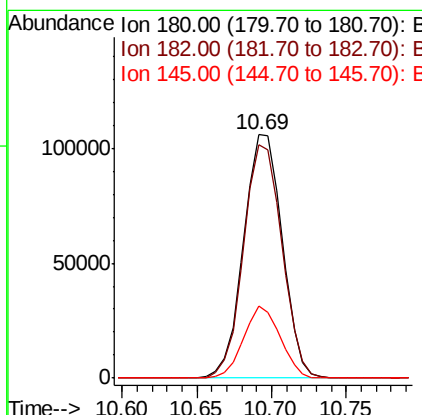
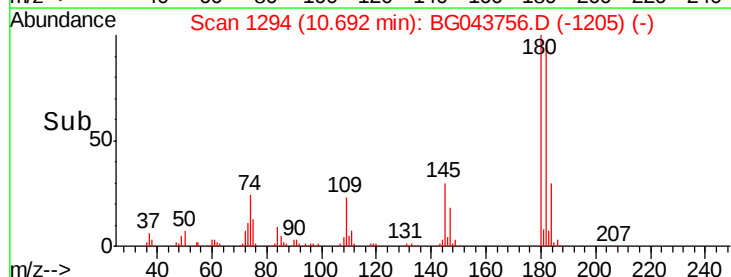
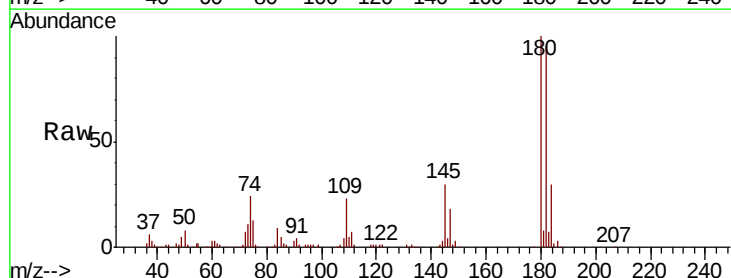
Manual Integrations
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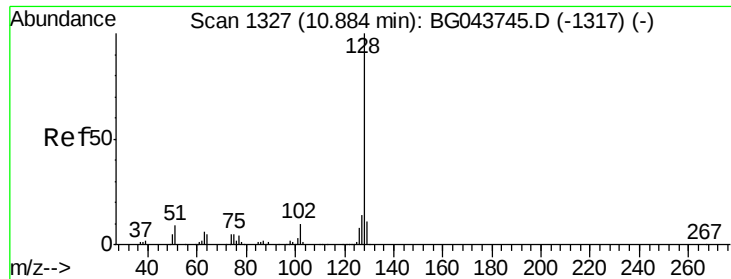
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#30
1,2,4-Trichlorobenzene
Concen: 38.644 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	189608		
182	96.1	75.8	113.6	
145	29.6	22.5	33.7	





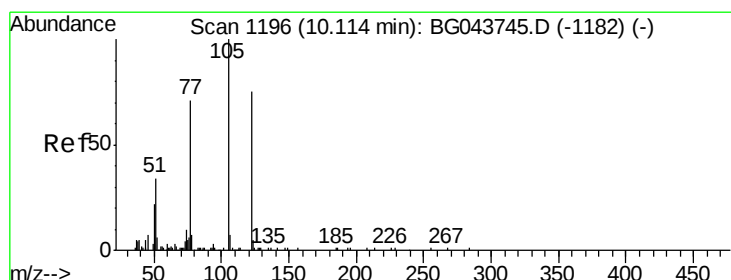
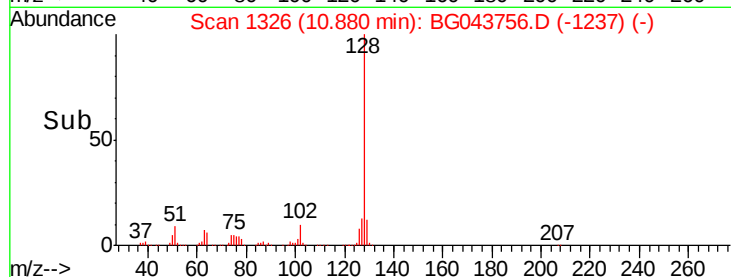
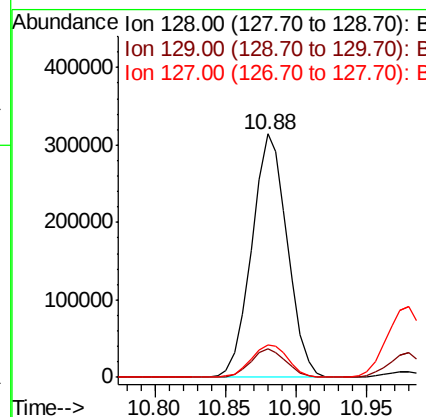
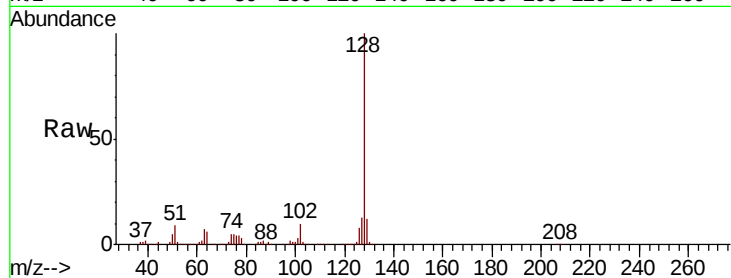
#31
Naphthalene
Concen: 43.031 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.5	11.4	17.0

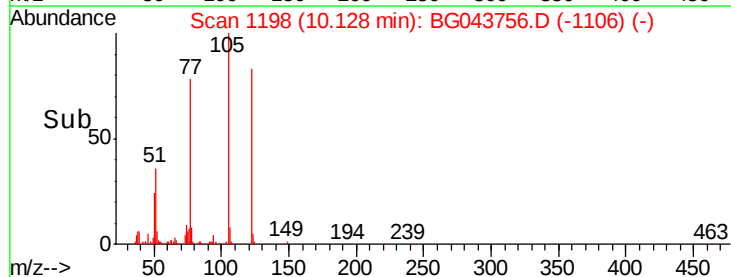
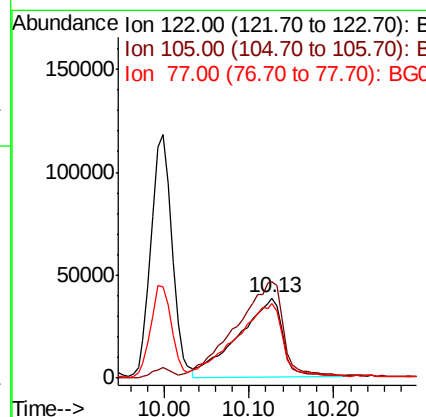
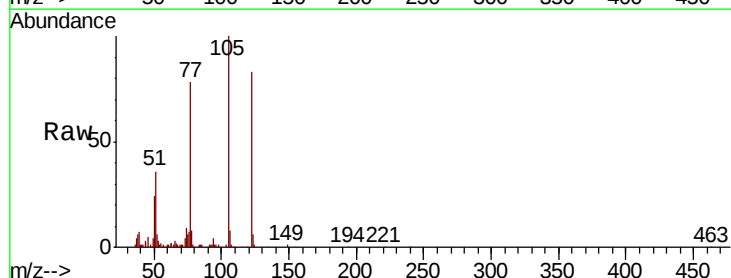
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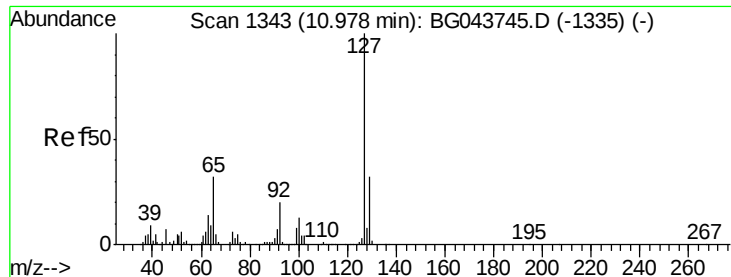
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#32
Benzoic acid
Concen: 55.865 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	109.3	149.3
77	94.1	76.1	116.1





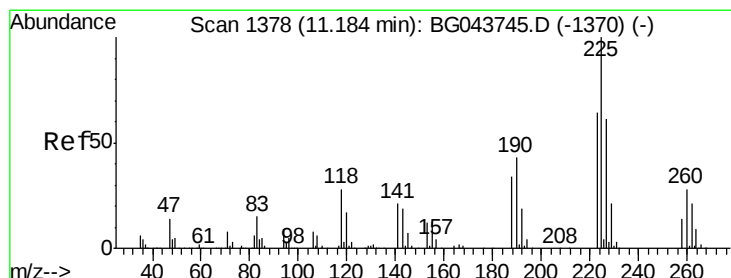
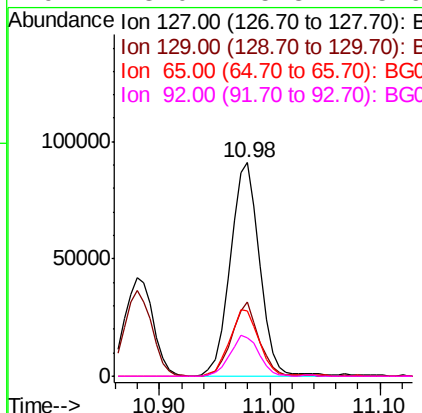
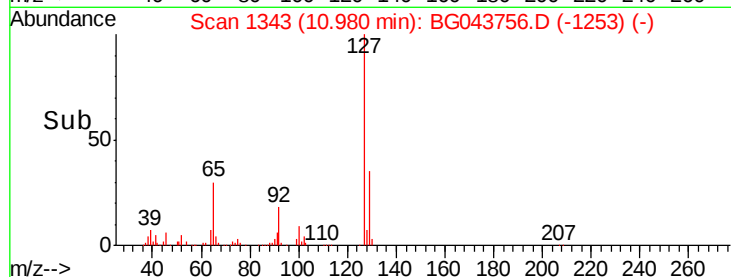
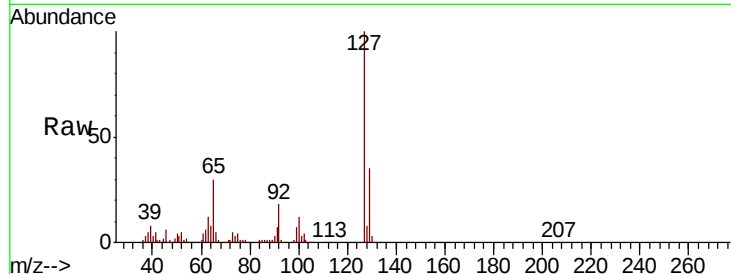
#33
4-Chloroaniline
Concen: 27.309 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		169730		
129	34.5	25.9	38.9		
65	30.4	25.8	38.8		
92	18.0	15.8	23.6		

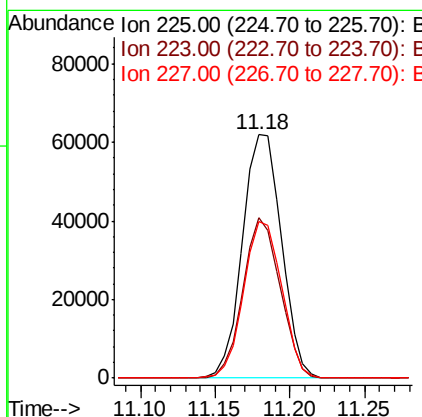
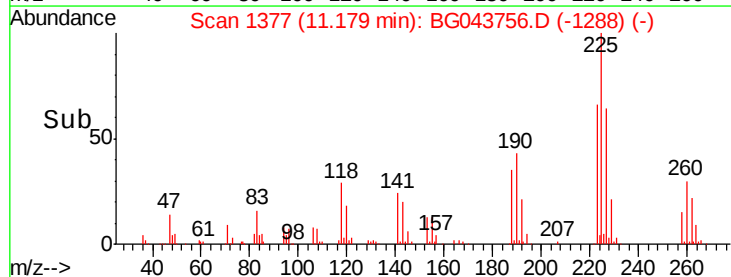
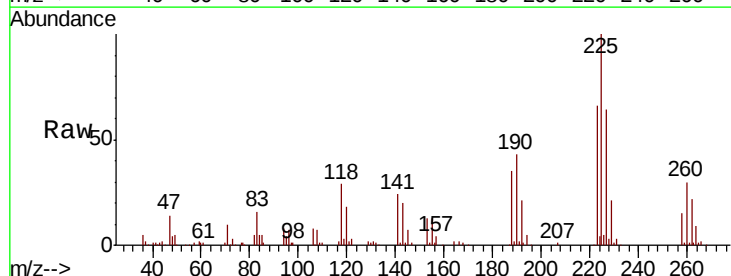
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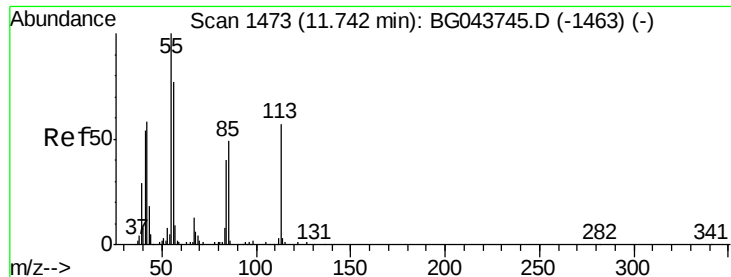
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#34
Hexachlorobutadiene
Concen: 34.694 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		111936		
223	66.0	51.2	76.8		
227	64.3	51.0	76.4		





#35

Caprolactam

Concen: 55.108 ng/mL

RT: 11.74 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

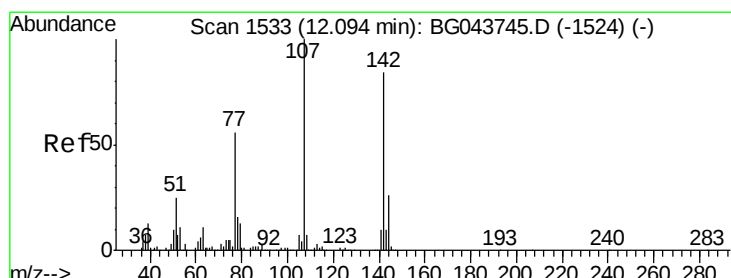
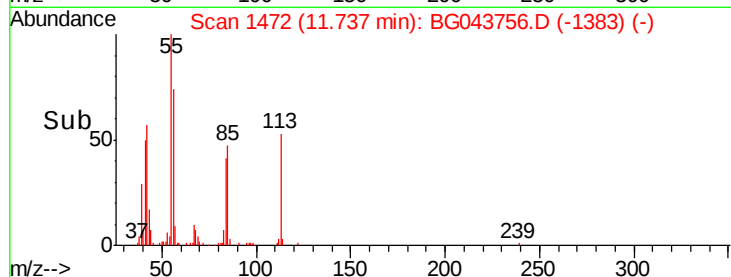
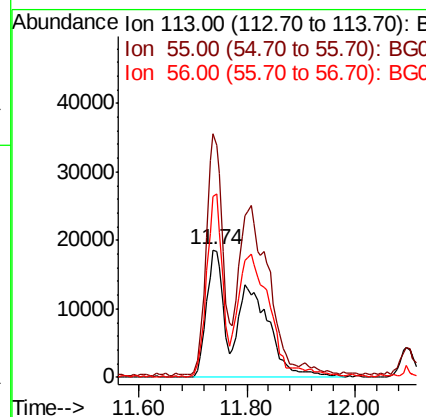
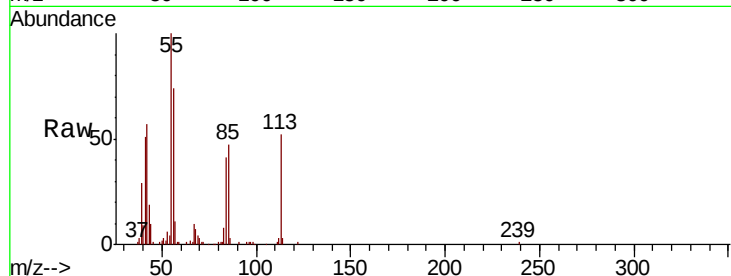
ClientSampleId :

PB124977BS

Tot Ion:	113	Resp:	93823
Ion	Ratio	Lower	Upper
113	100		
55	190.7	160.9	200.9
56	141.5	116.8	156.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 55.006 ng/mL

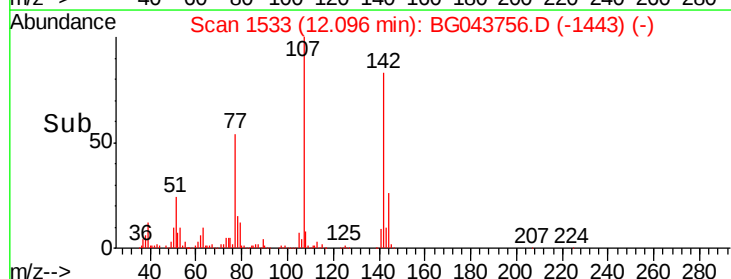
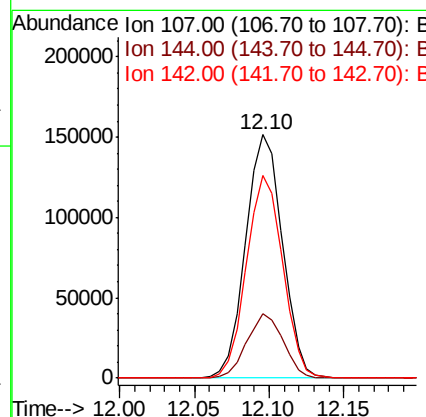
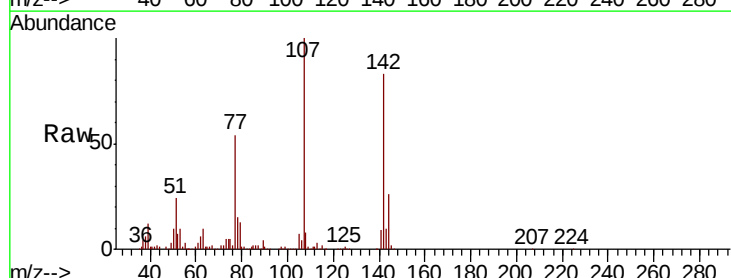
RT: 12.10 min Scan# 1533

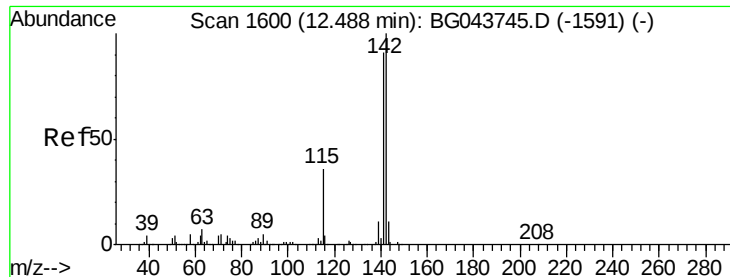
Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	107	Resp:	258827
Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.0	31.4
142	83.0	67.0	100.4





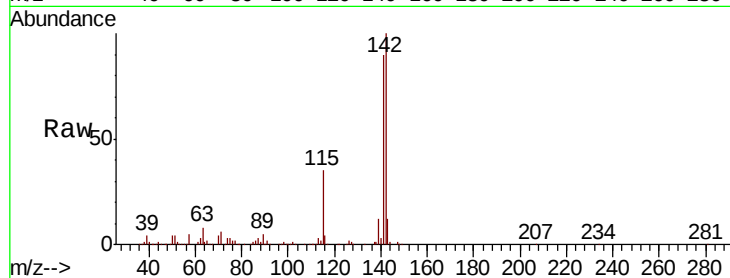
#37
2-Methylnaphthalene
Concen: 47.918 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2
115	34.7	28.9	43.3

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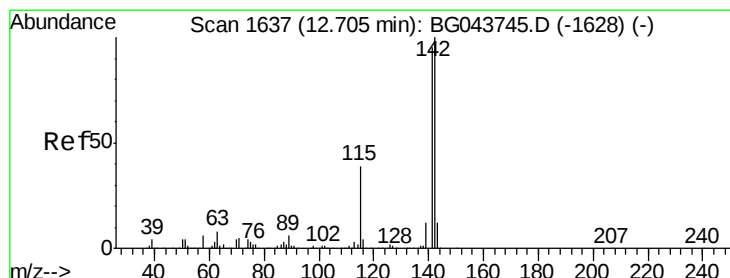
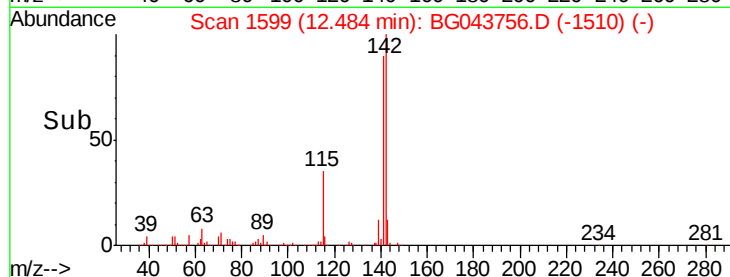
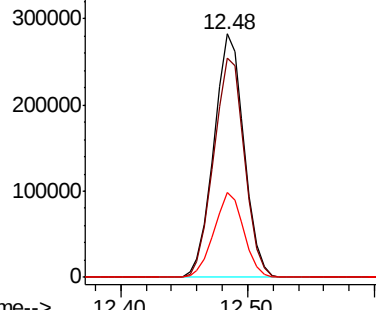


Abundance

Ion 142.00 (141.70 to 142.70): E

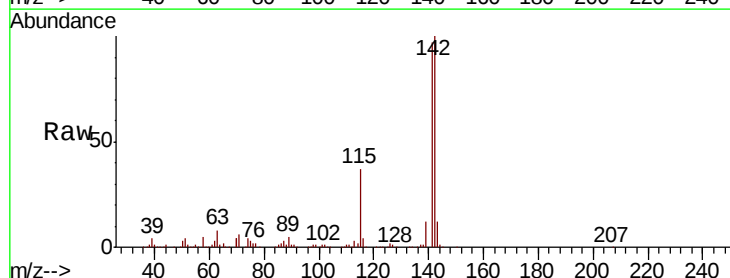
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.510 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	75.8	113.8
116	3.8	3.4	5.0

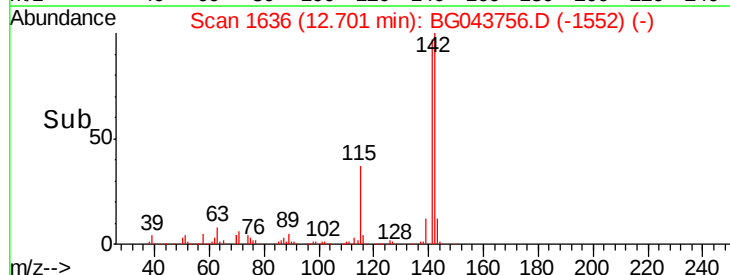
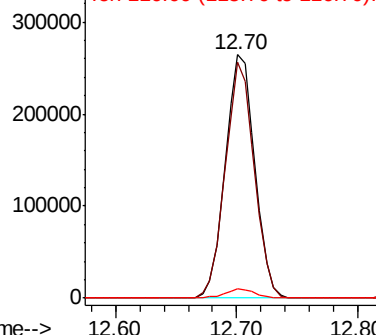


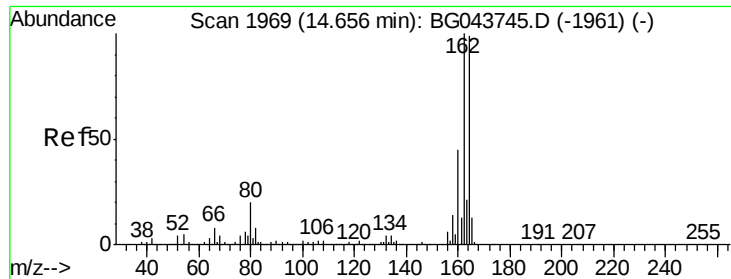
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





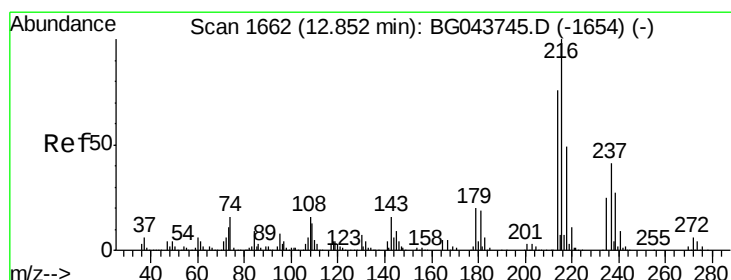
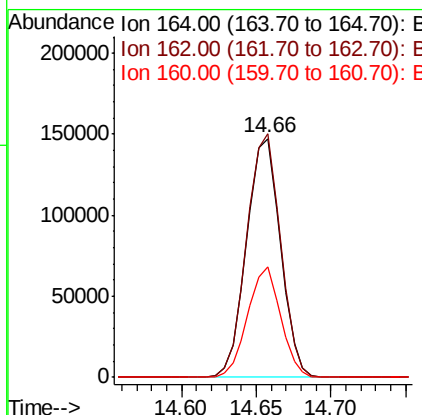
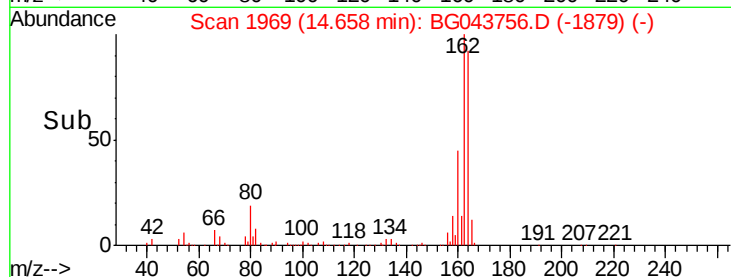
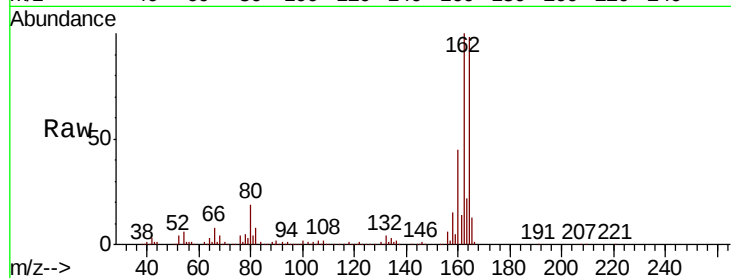
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	46.1	36.3	54.5

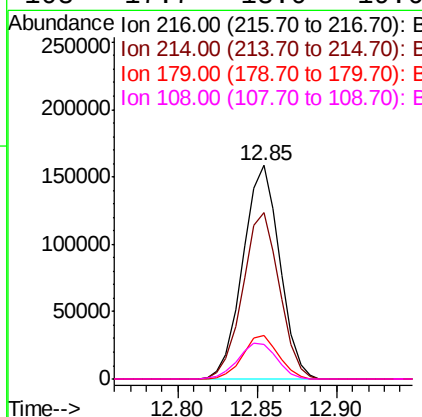
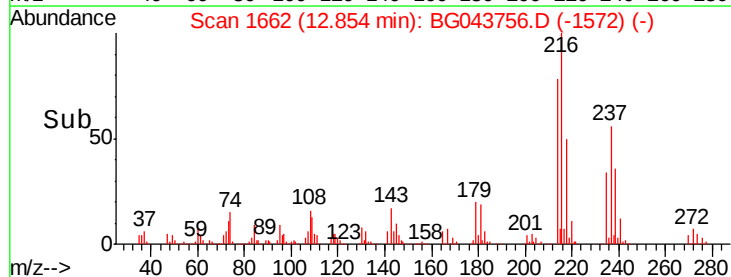
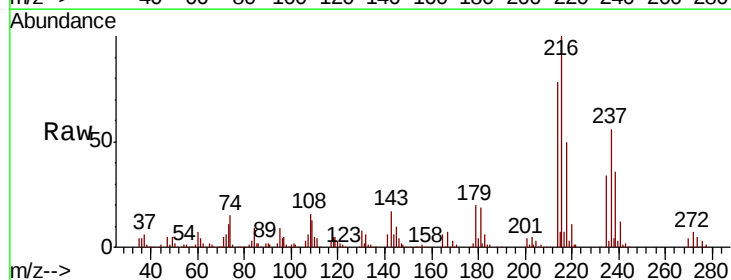
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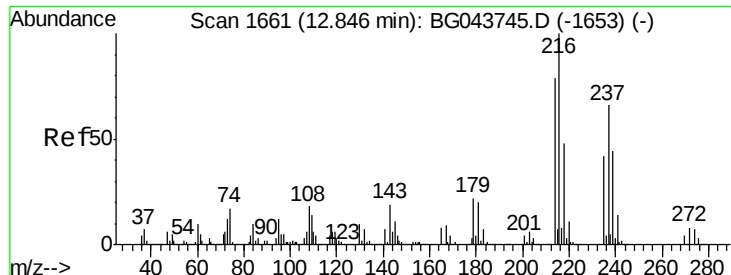
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.696 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.0	93.0
179	20.1	16.3	24.5
108	17.7	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 60.230 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

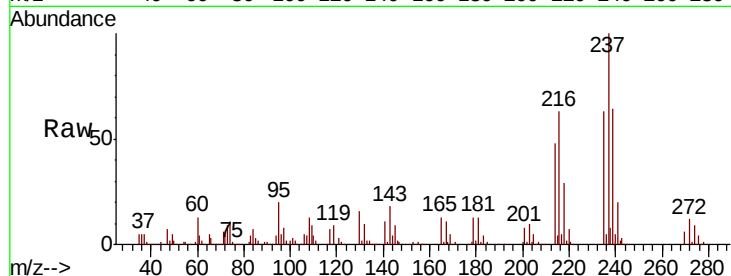
ClientSampleId :

PB124977BS

Tot Ion:	237	Resp:	239737
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.8	83.8
272	12.2	0.0	31.8

Manual Integrations
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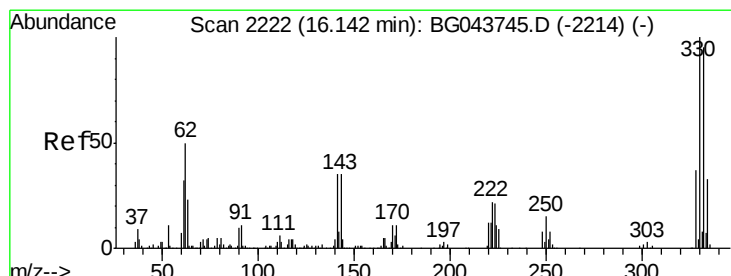
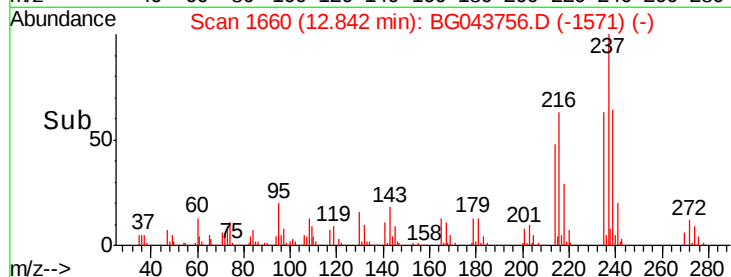
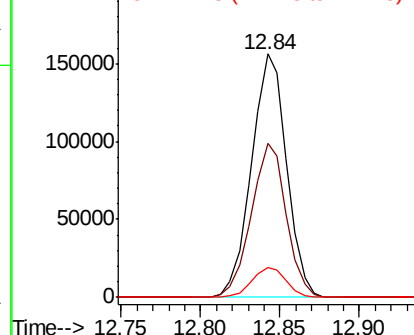


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.211 ng

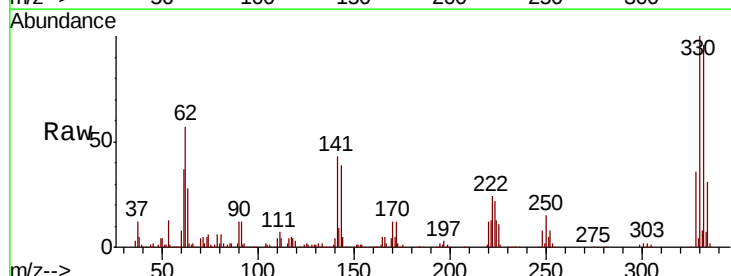
RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	330	Resp:	346871
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.3	115.9
141	40.0	31.4	47.2

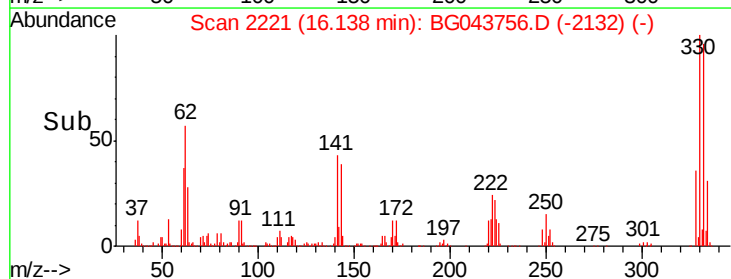
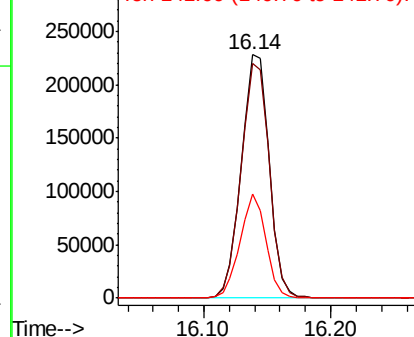


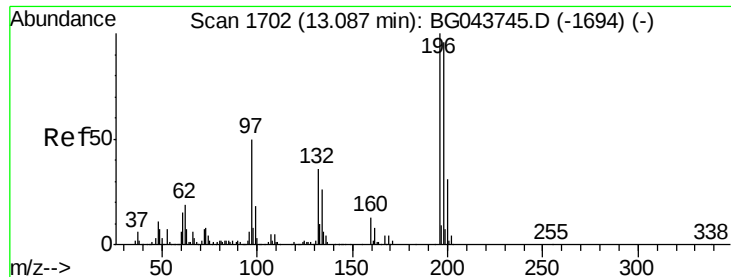
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





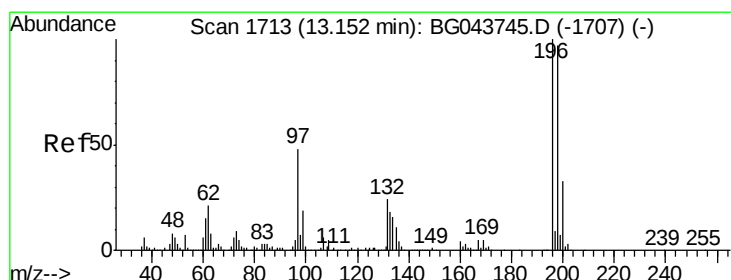
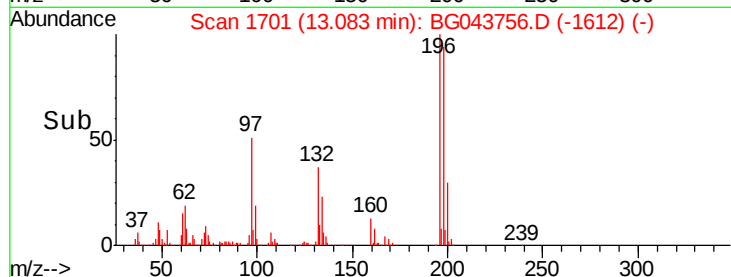
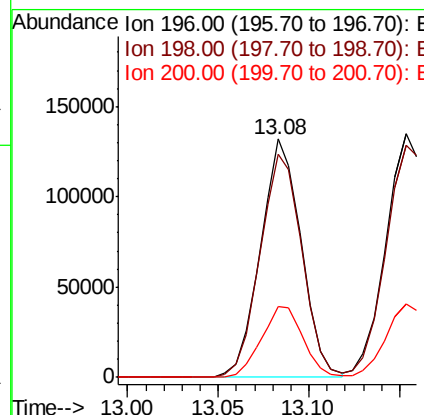
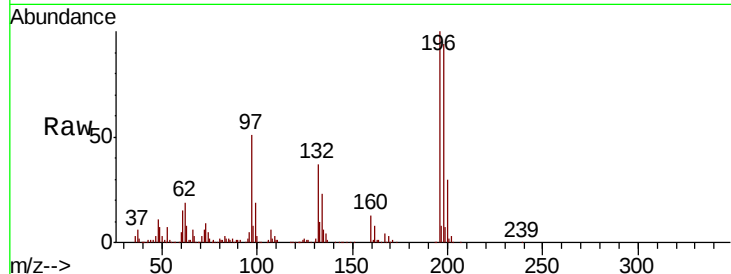
#43
2,4,6-Trichlorophenol
Concen: 43.344 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205372		
198	93.7	76.5	114.7	
200	29.7	24.6	36.8	

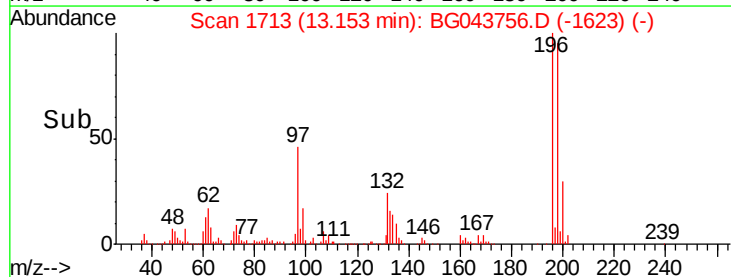
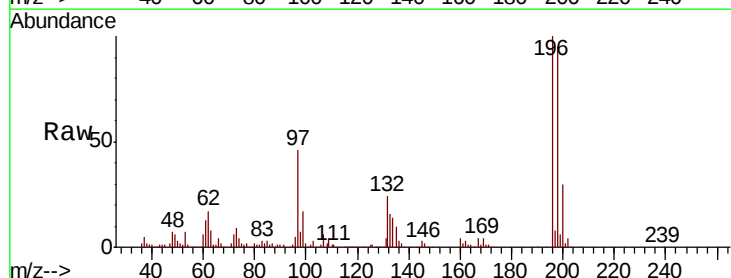
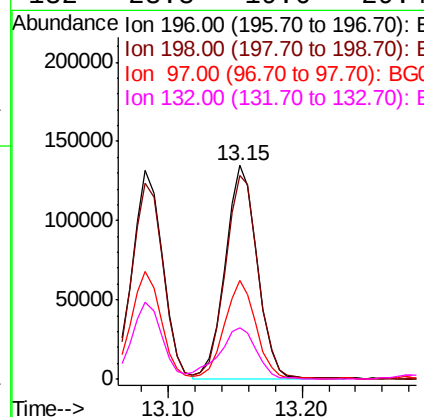
Manual Integrations
APPROVED

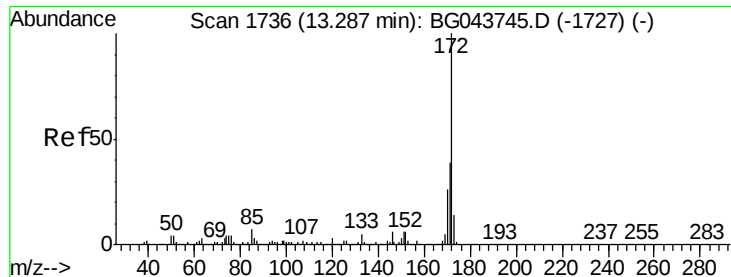
mohammad
11/25/2019 2:33:43 PM



#44
2,4,5-Trichlorophenol
Concen: 45.848 ng
RT: 13.15 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225999		
198	95.2	78.2	117.2	
97	46.1	39.1	58.7	
132	23.8	19.6	29.4	





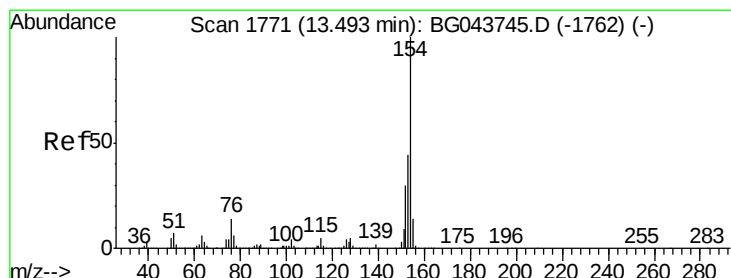
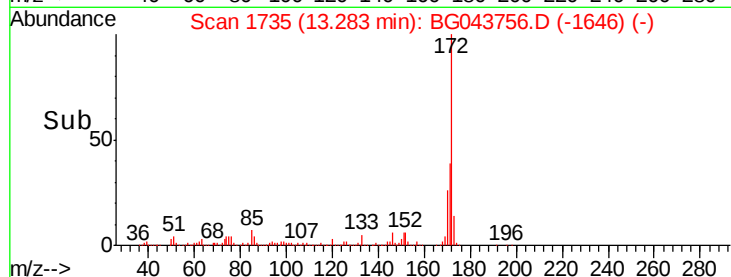
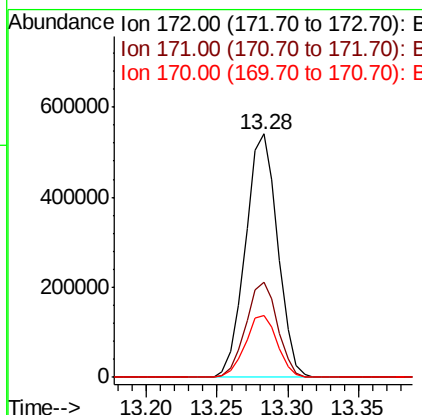
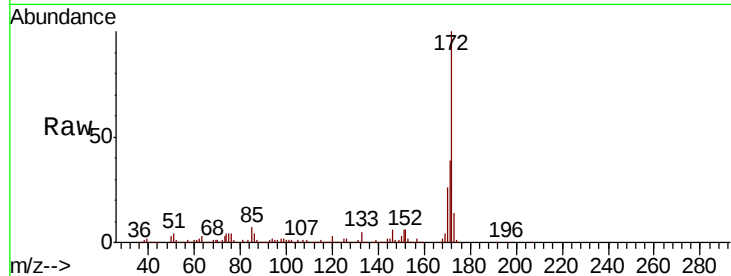
#45
2-Fluorobiphenyl
Concen: 61.362 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.6
170	25.7	21.0	31.4

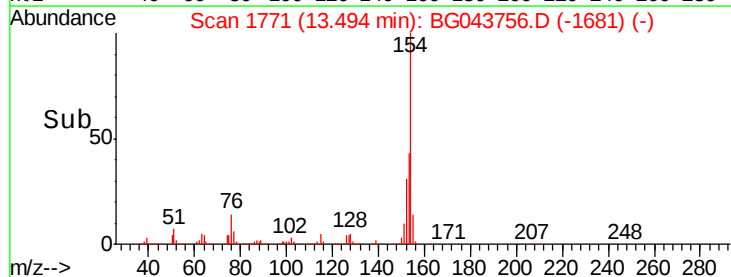
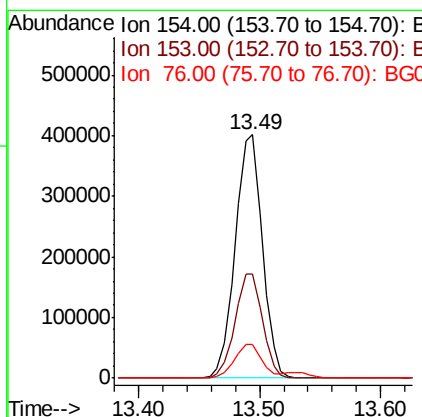
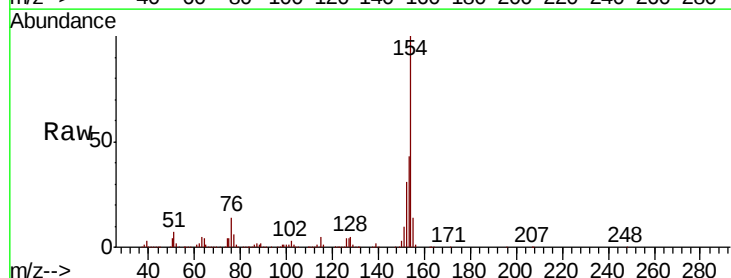
Manual Integrations
APPROVED

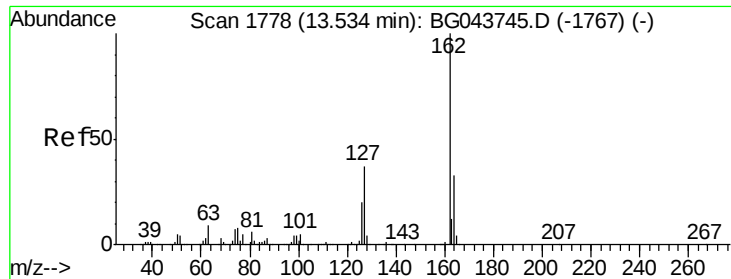
mohammad
11/25/2019 2:33:43 PM



#46
1,1'-Biphenyl
Concen: 39.154 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.5	63.5
76	13.7	0.0	33.6





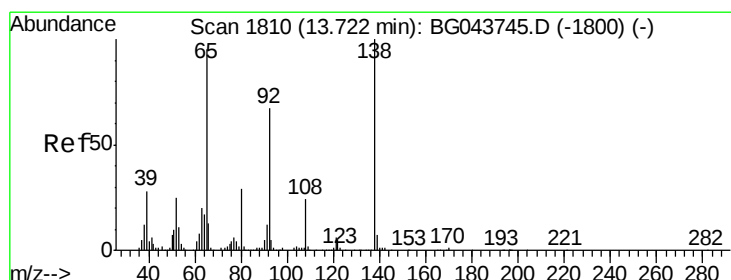
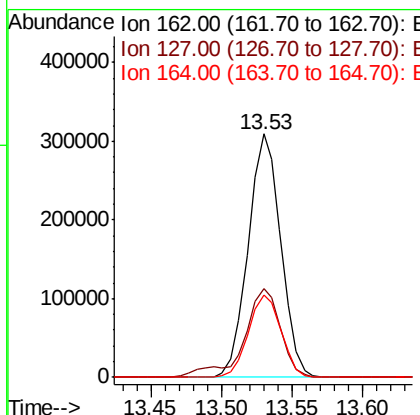
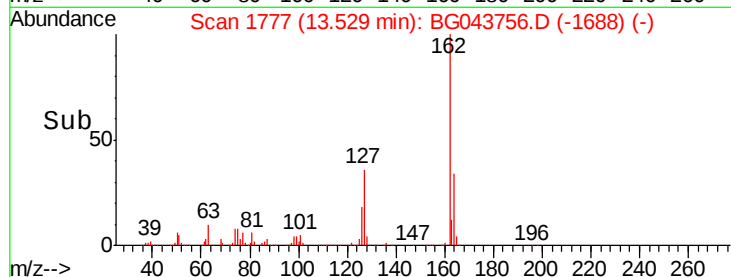
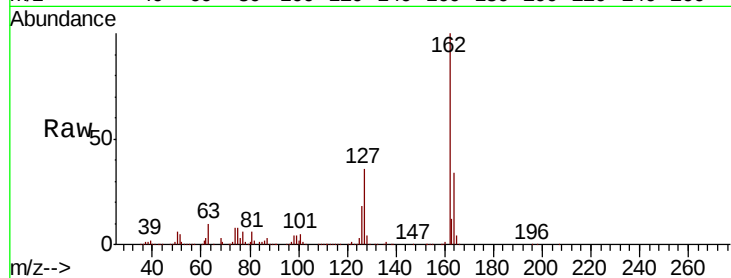
#47
2-Chloronaphthalene
Concen: 38.282 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501022		
127	36.3	30.0	45.0	
164	33.7	26.4	39.6	

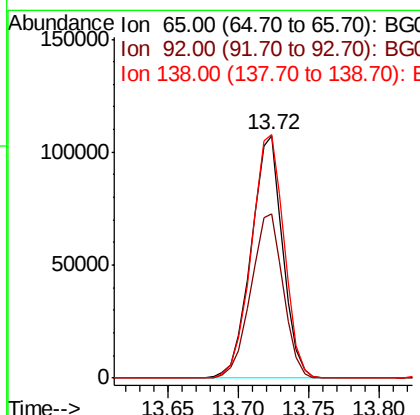
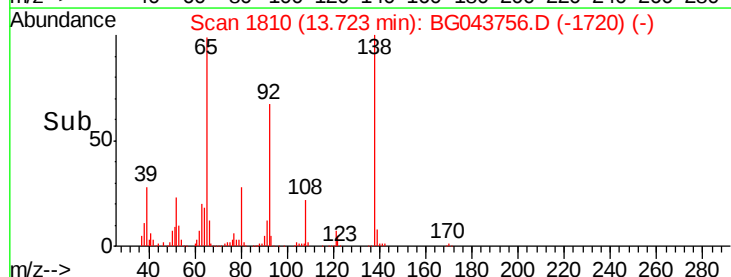
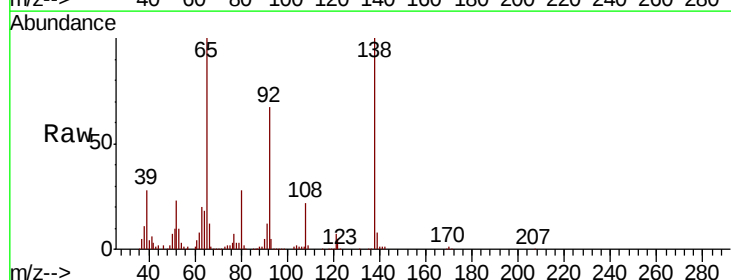
Manual Integrations
APPROVED

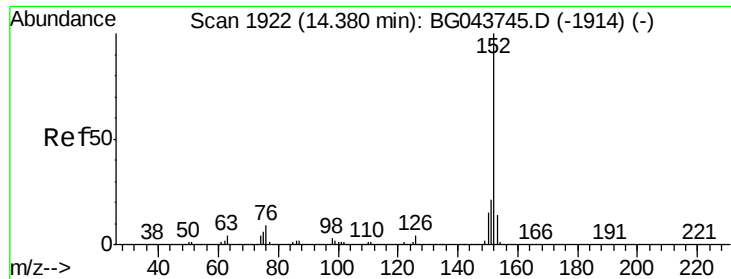
mohammad
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#48
2-Nitroaniline
Concen: 43.880 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	168130		
92	67.7	56.1	84.1	
138	100.4	84.2	126.4	





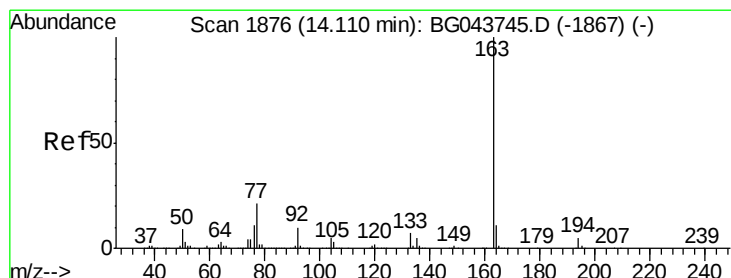
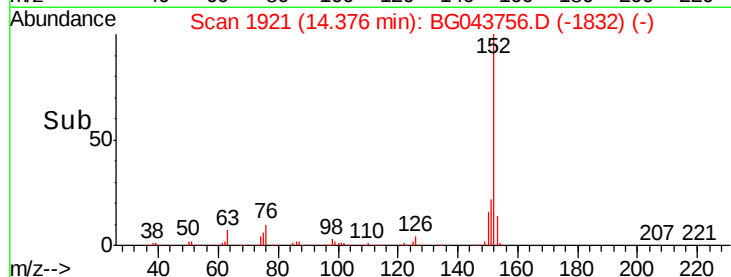
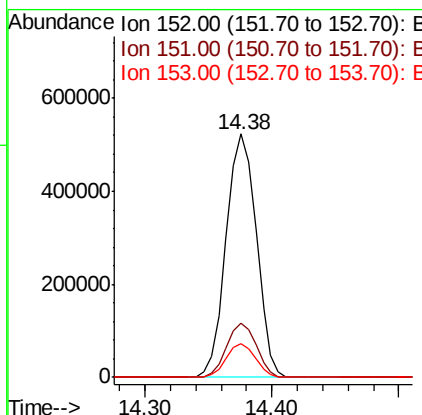
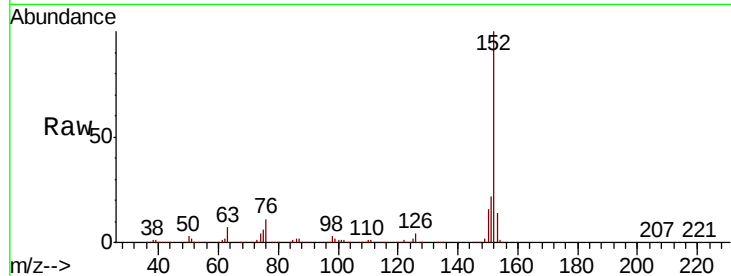
#49
Acenaphthylene
Concen: 41.984 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.0	25.6
153	14.1	10.8	16.2

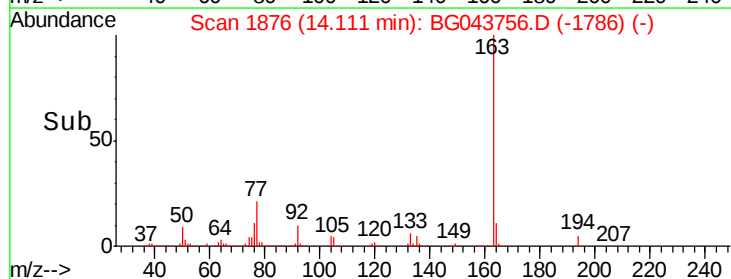
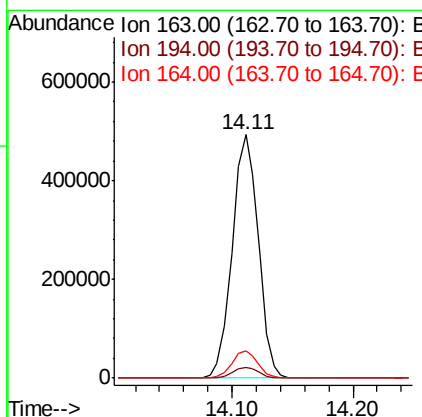
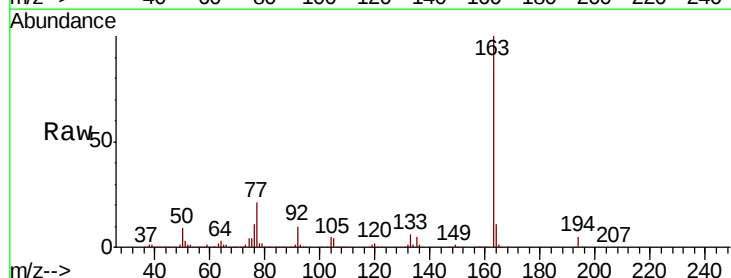
Manual Integrations
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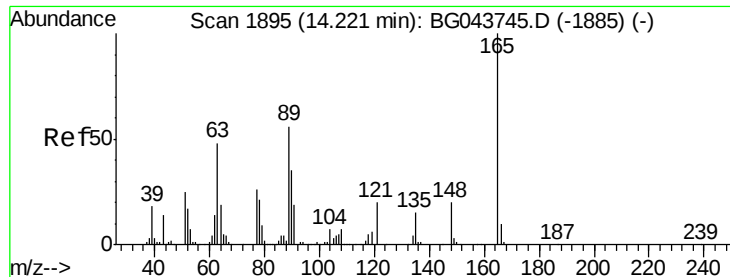
mohammad
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#50
Dimethylphthalate
Concen: 40.350 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.3	8.7	13.1





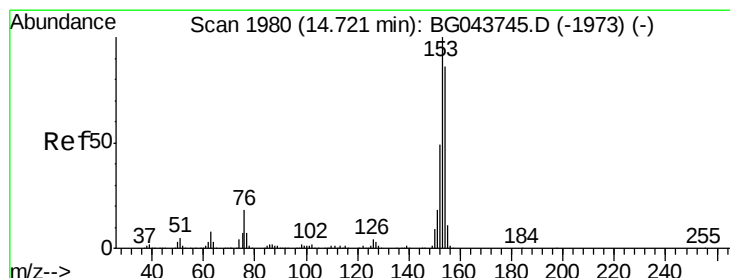
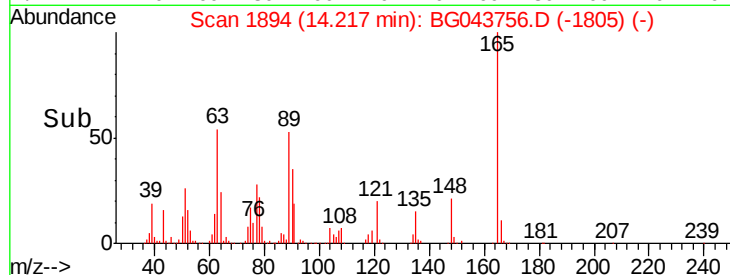
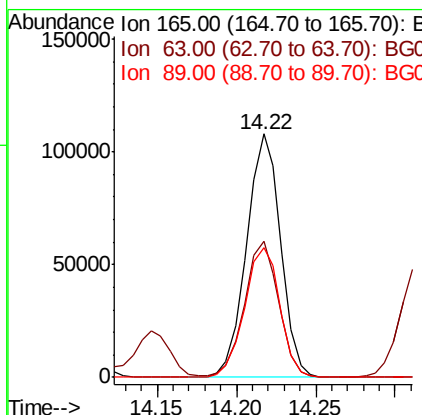
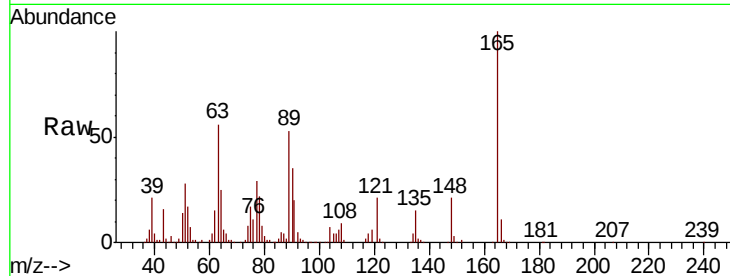
#51
 2,6-Dinitrotoluene
 Concen: 47.255 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		160953		
63	55.7	43.4	65.2		
89	53.5	44.6	67.0		

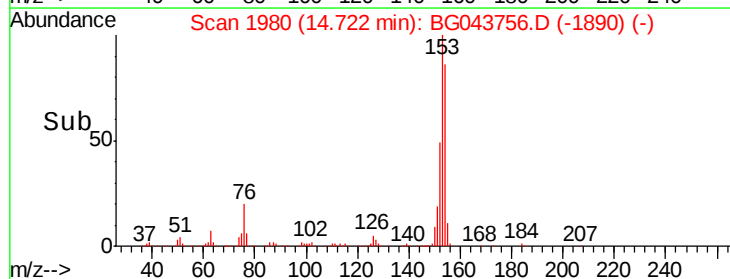
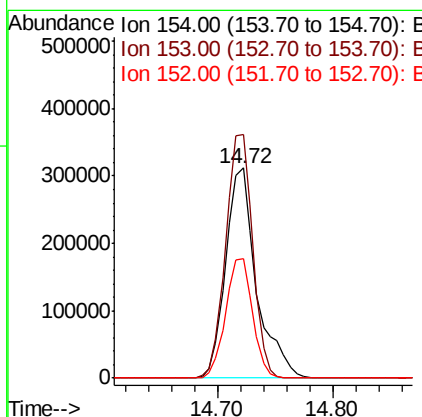
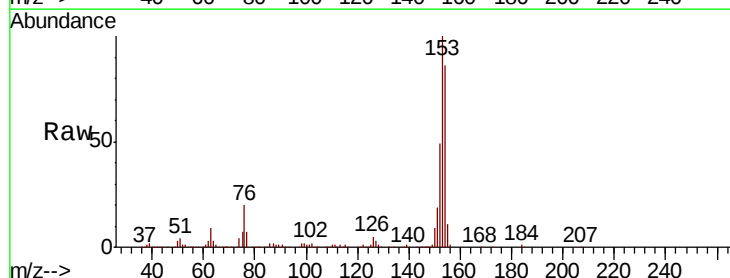
Manual Integrations
 APPROVED

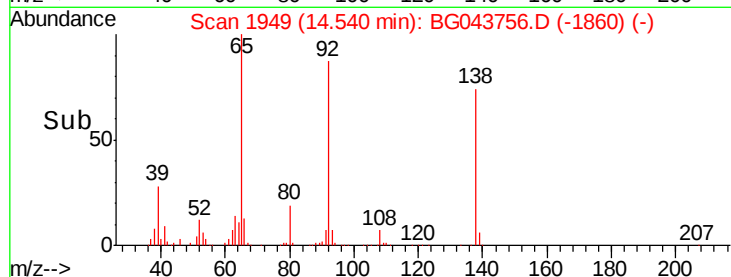
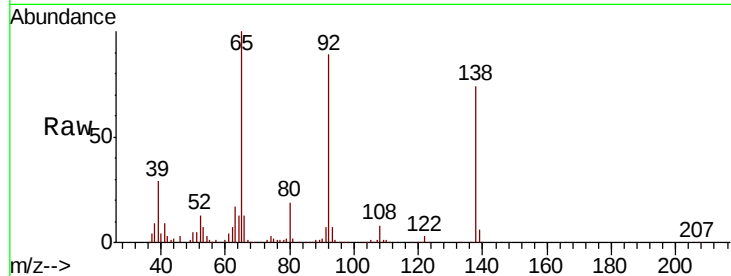
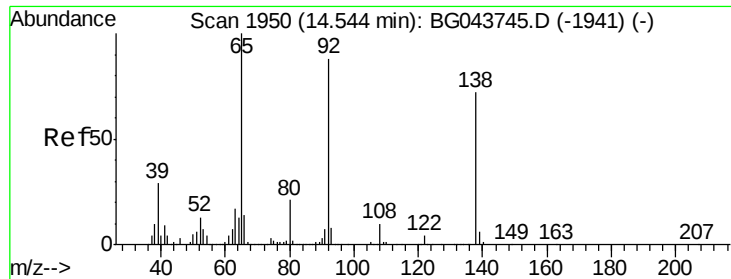
mohammad
 11/25/2019 2:33:43 PM



#52
 Acenaphthene
 Concen: 43.691 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		575339		
153	116.0	92.9	139.3		
152	57.1	45.2	67.8		





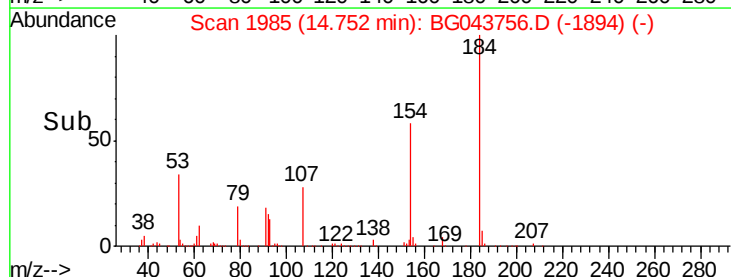
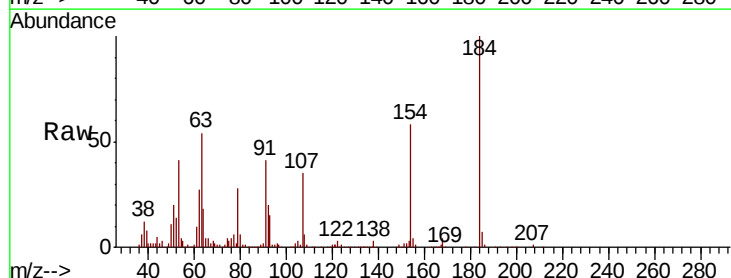
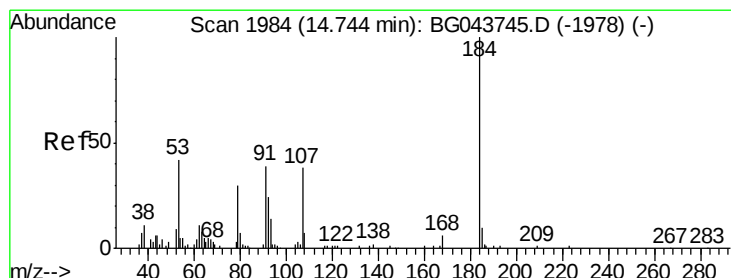
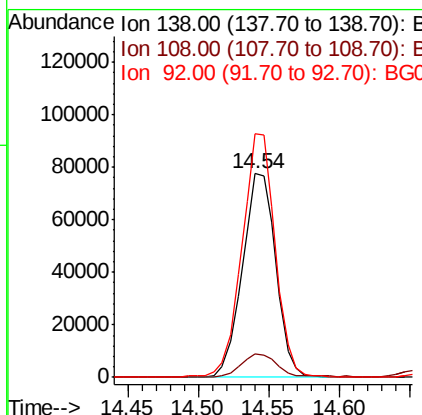
#53
3-Nitroaniline
Concen: 32.370 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	11.7	17.5#
92	119.5	97.2	145.8

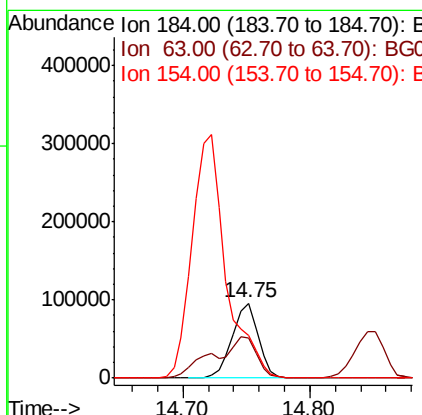
Manual Integrations
APPROVED

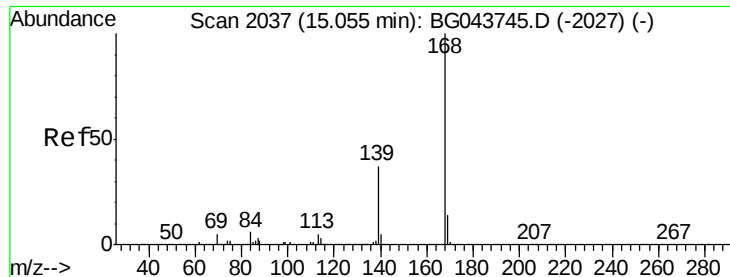
mohammad
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#54
2,4-Dinitrophenol
Concen: 98.818 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	52.4	78.6
154	57.7	92.8	139.2#





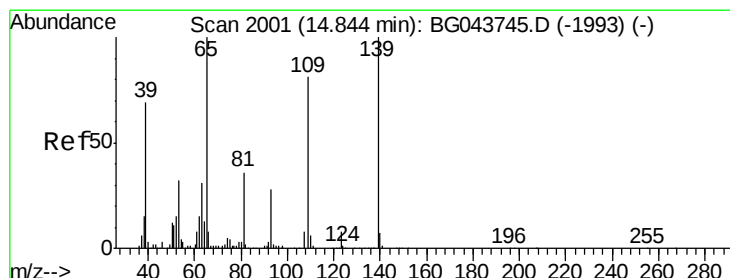
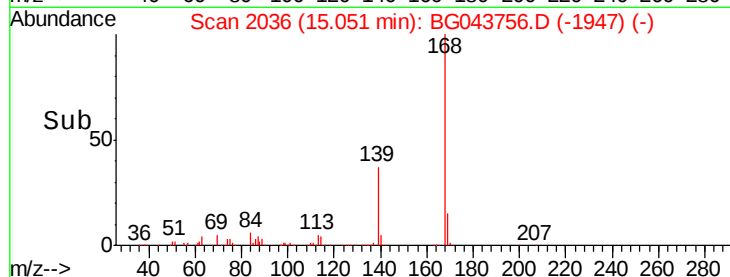
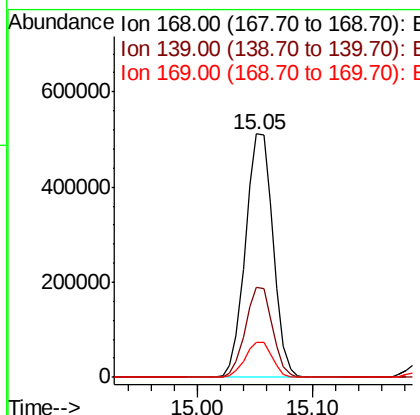
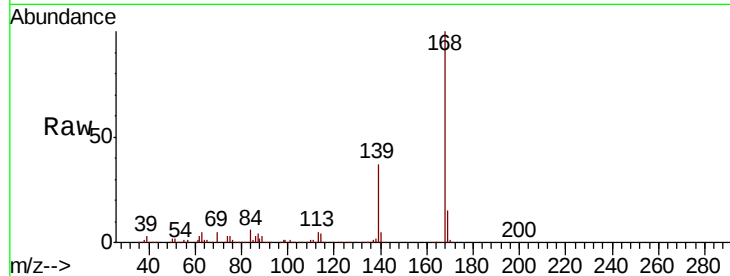
#55
Dibenzenofuran
Concen: 41.410 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.2
169	14.6	11.3	16.9

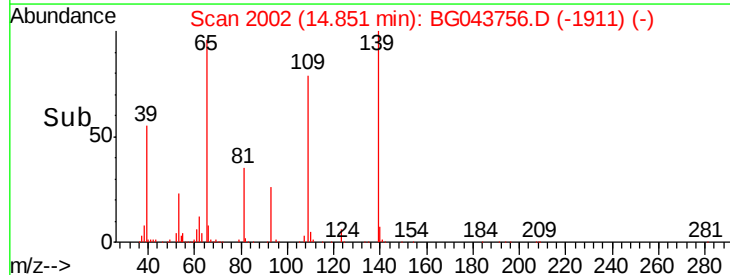
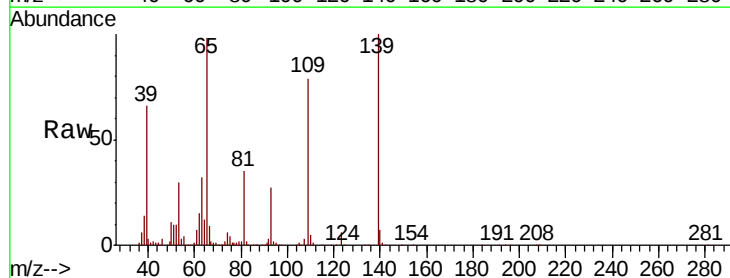
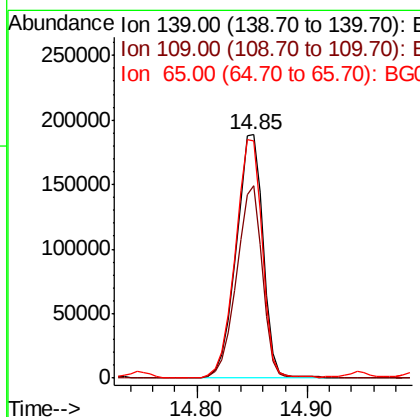
Manual Integrations
APPROVED

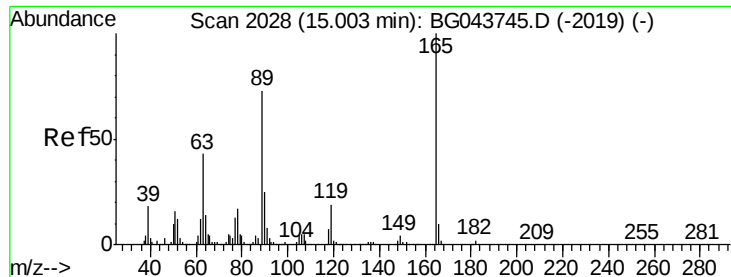
mohammad
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#56
4-Nitrophenol
Concen: 96.216 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.9	61.4	101.4
65	97.6	80.3	120.3





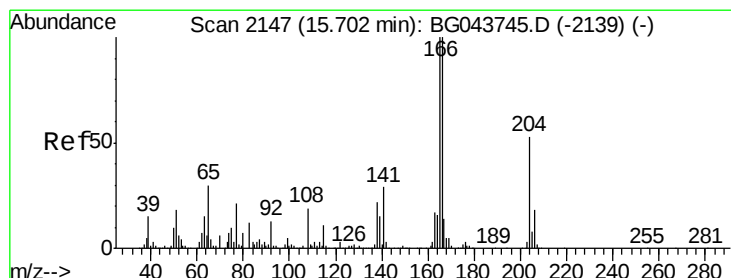
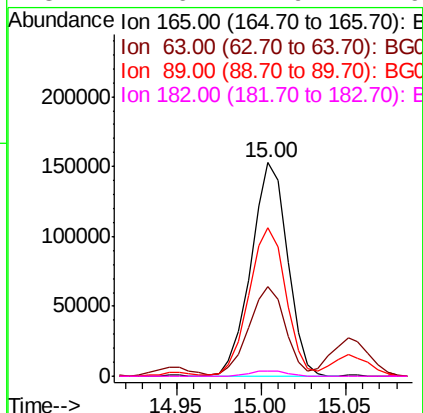
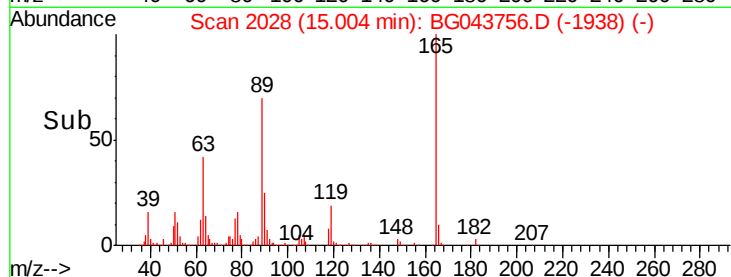
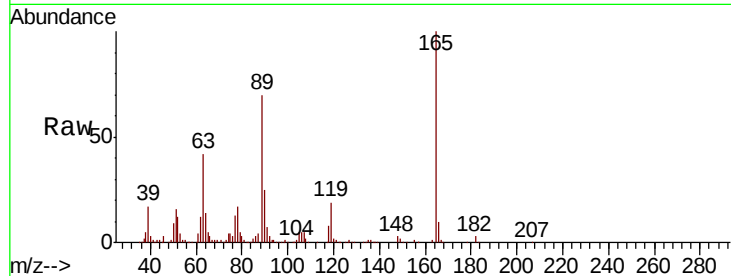
#57
2,4-Dinitrotoluene
Concen: 48.271 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		228013		
63	41.8	34.6	51.8		
89	69.8	58.3	87.5		
182	2.6	1.9	2.9		

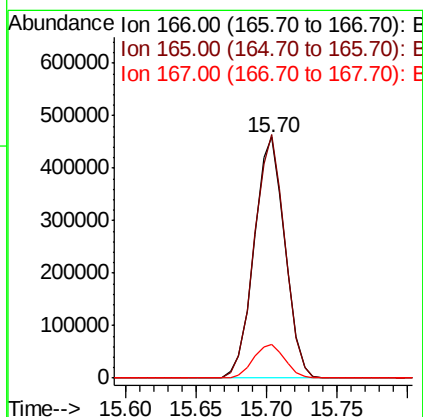
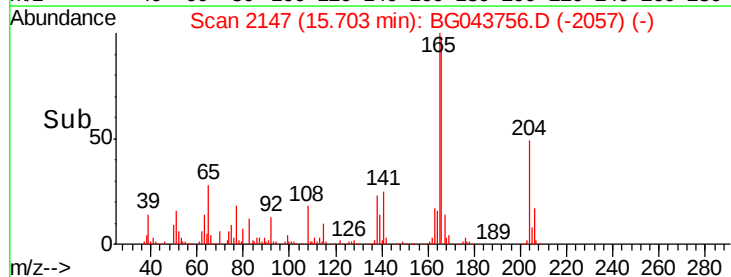
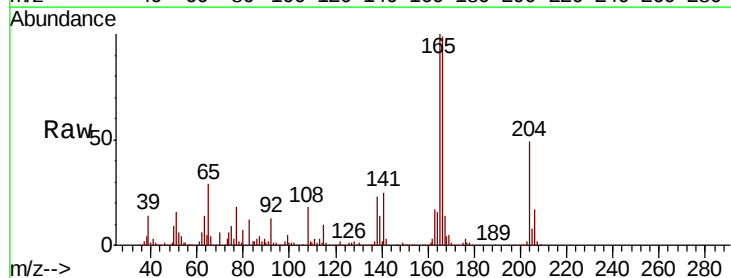
Manual Integrations
APPROVED

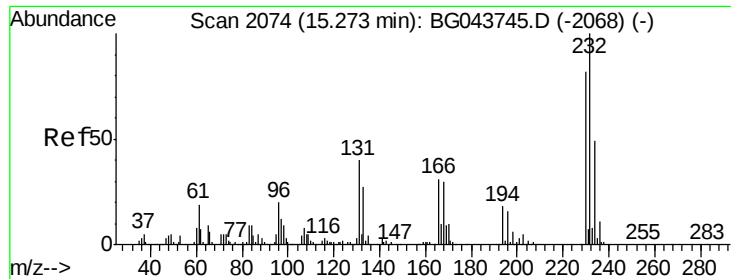
mohammad
11/25/2019 2:33:43 PM



#58
Fluorene
Concen: 41.760 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		702549		
165	101.2	79.9	119.9		
167	14.2	11.4	17.0		





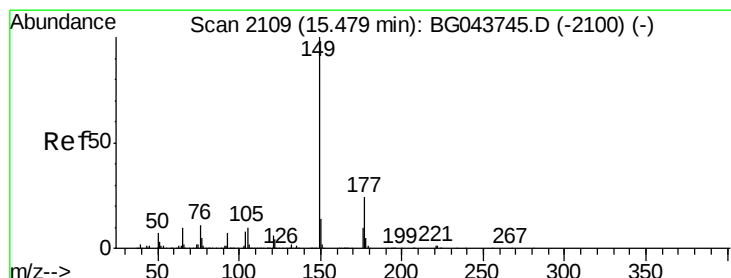
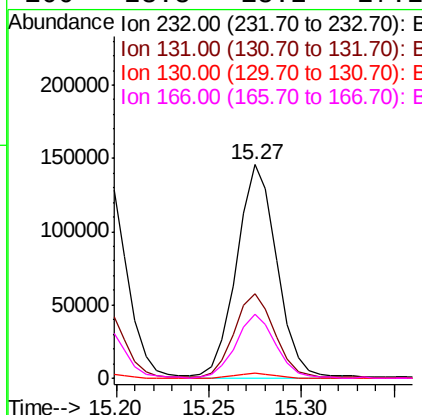
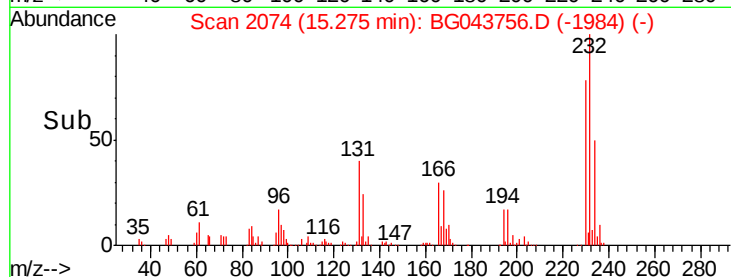
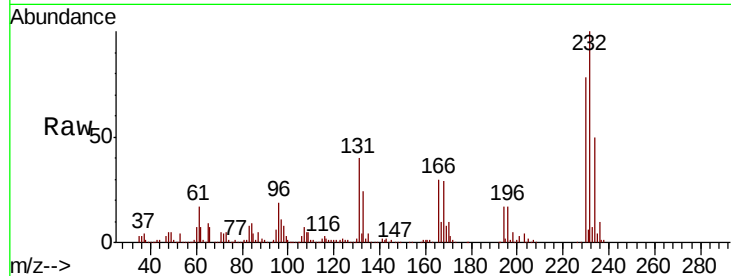
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.851 ng
RT: 15.27 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.1	27.0	40.6
130	2.2	1.6	2.4
166	23.8	18.2	27.2

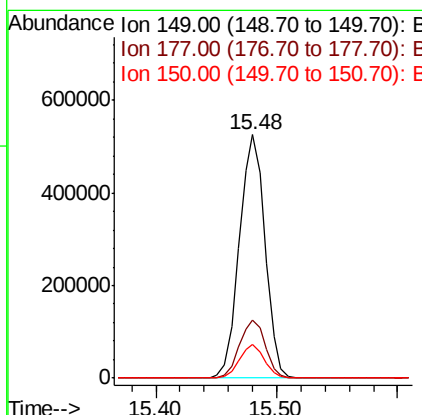
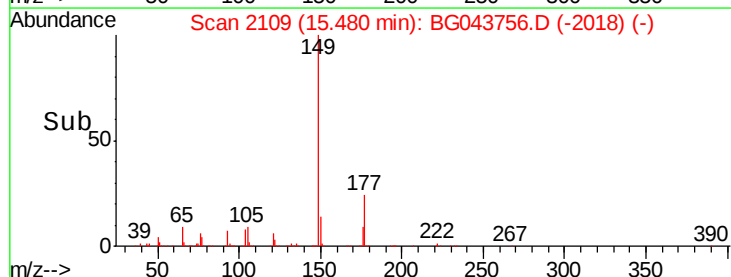
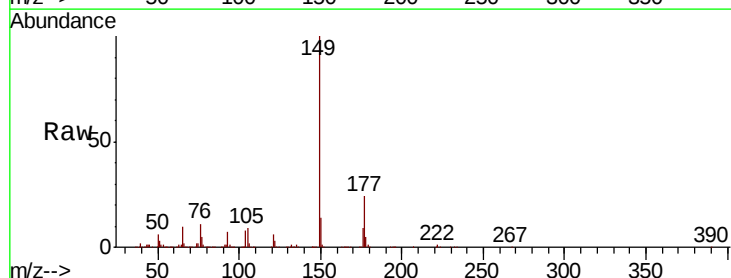
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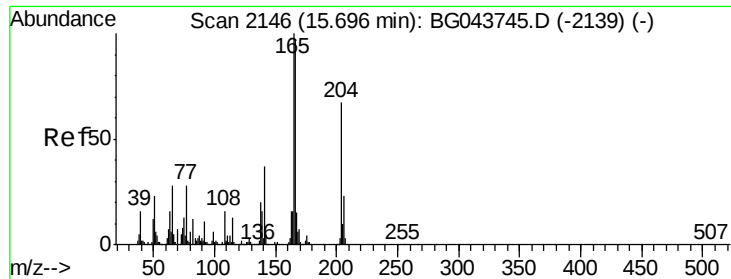
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#60
Diethylphthalate
Concen: 40.880 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	13.6	11.1	16.7





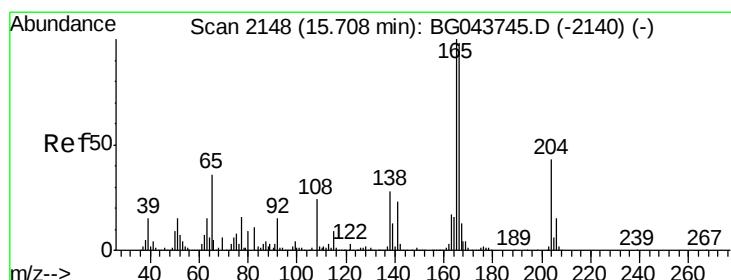
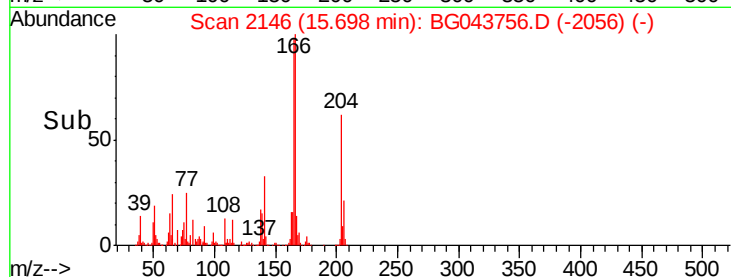
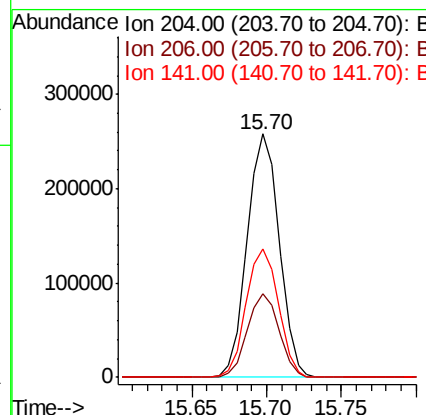
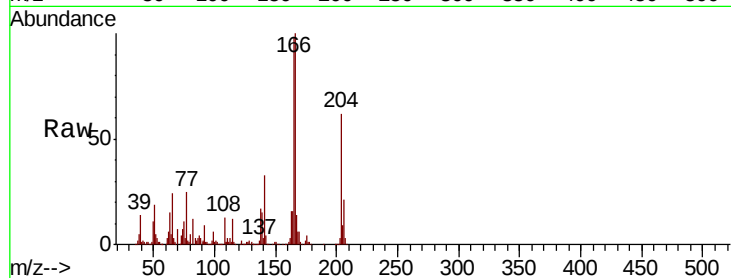
#61
4-Chlorophenyl-phenylether
Concen: 41.216 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.4	41.0
141	52.9	44.3	66.5

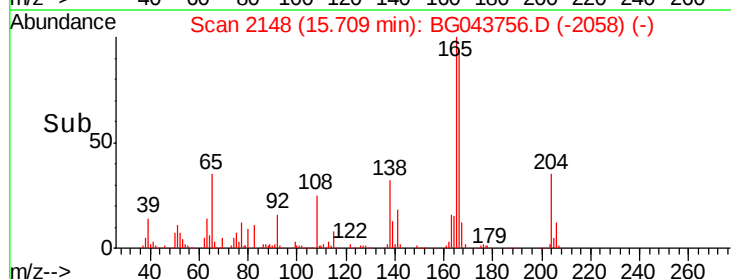
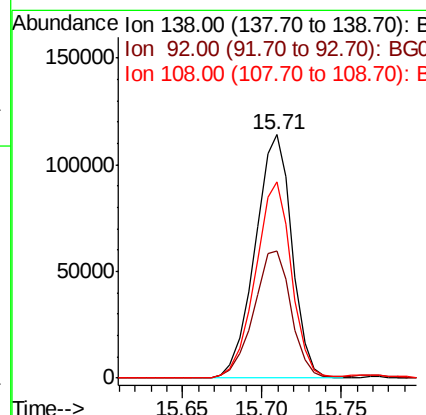
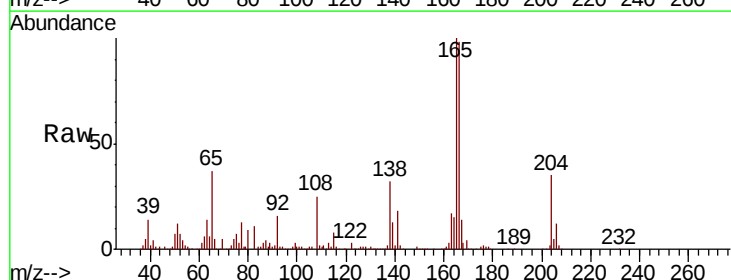
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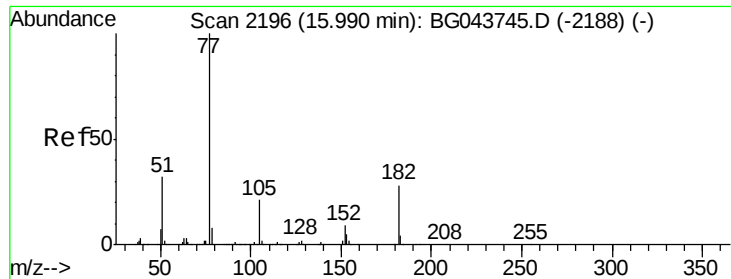
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#62
4-Nitroaniline
Concen: 40.313 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	34.6	74.6
108	80.6	65.7	105.7





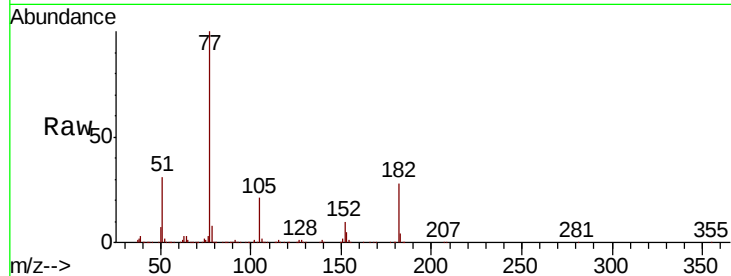
#63
Azobenzene
Concen: 41.987 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

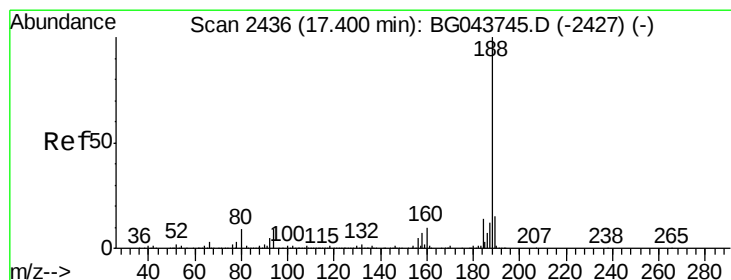
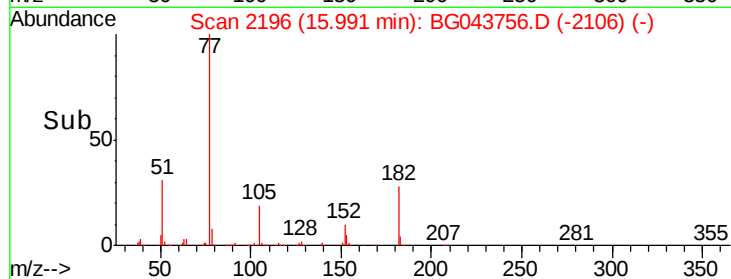
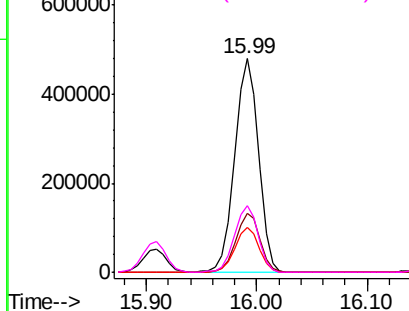
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	7.6	47.6	
105	21.0	0.7	40.7	
51	31.2	12.1	52.1	

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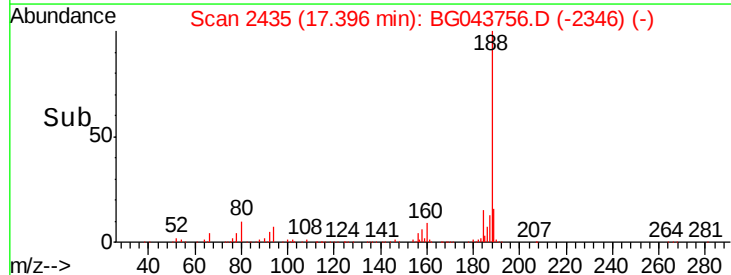
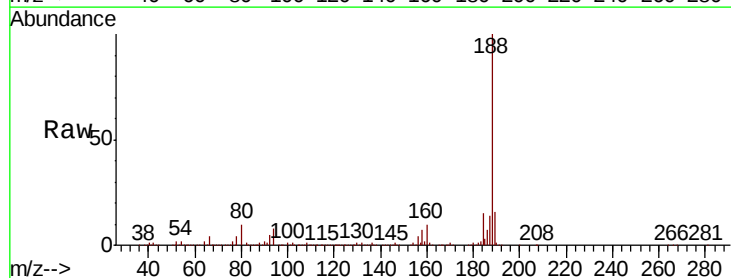
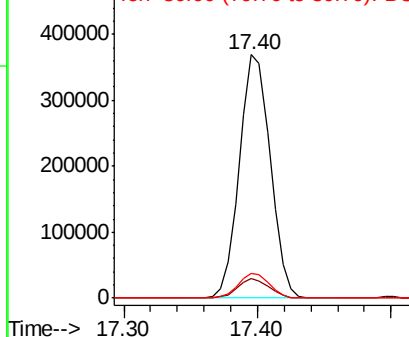
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

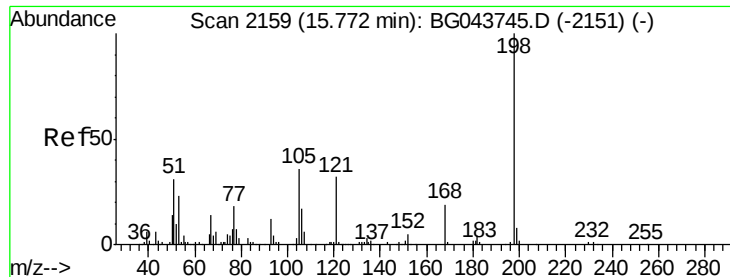


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	6.9	10.3	
80	10.1	7.5	11.3	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.058 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

PB124977BS

Tot Ion:198 Resp: 104120

Ion Ratio Lower Upper

198 100

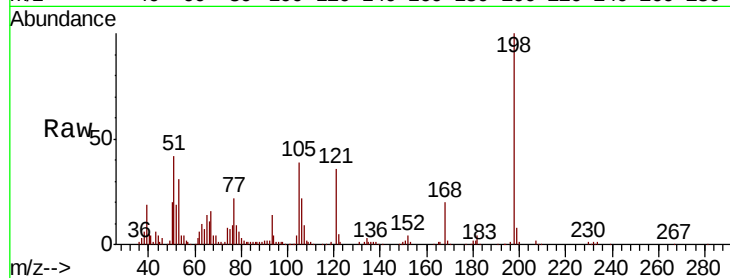
51 42.0 16.8 56.8

105 38.8 17.3 57.3

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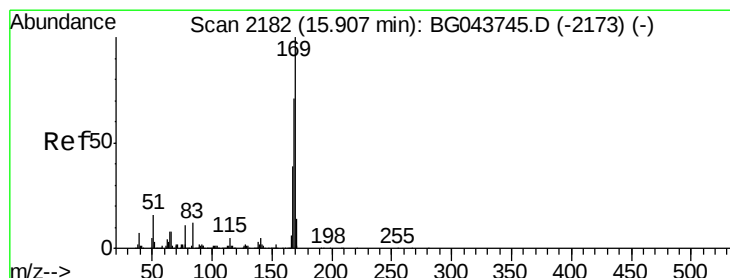
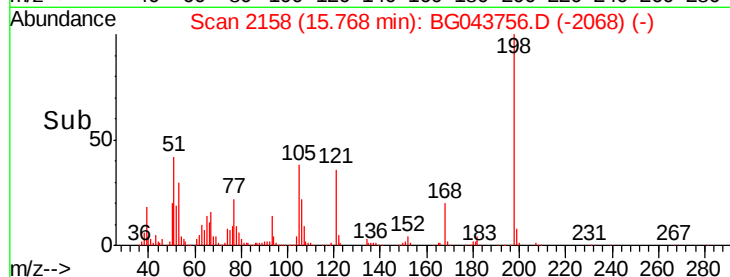
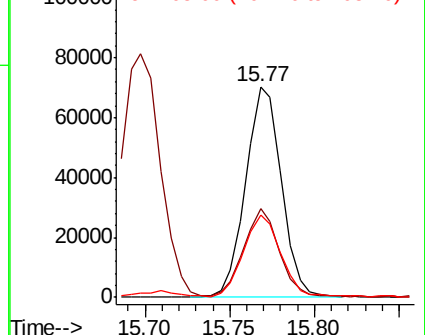
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.006 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

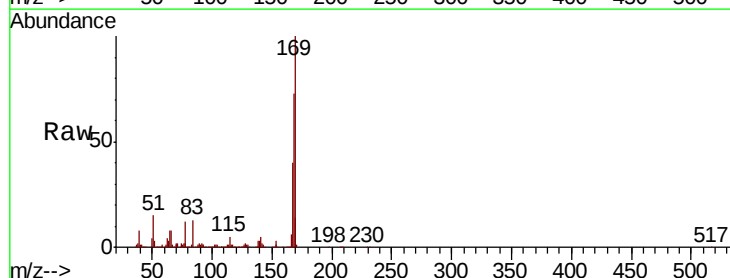
Tgt Ion:169 Resp: 672268

Ion Ratio Lower Upper

169 100

168 73.4 56.6 85.0

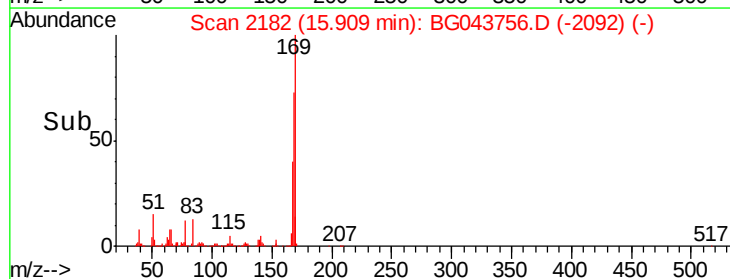
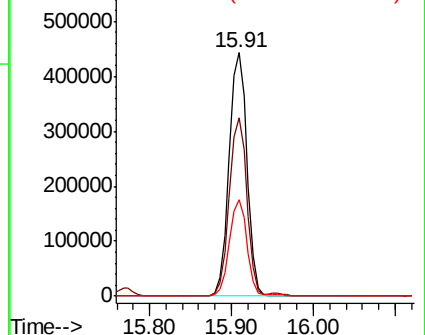
167 39.7 30.8 46.2

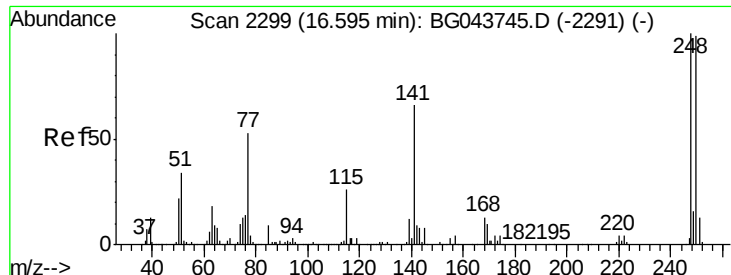


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





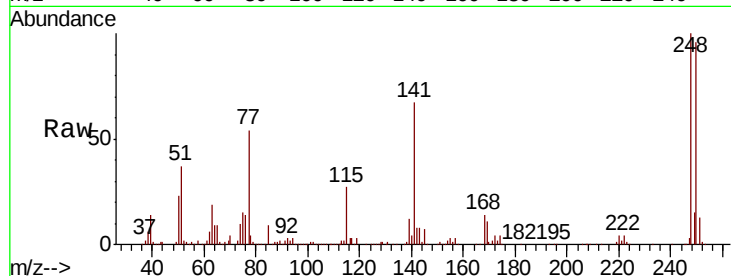
#67
 4-Bromophenyl-phenylether
 Concen: 40.809 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.3	118.9
141	67.5	53.0	79.6

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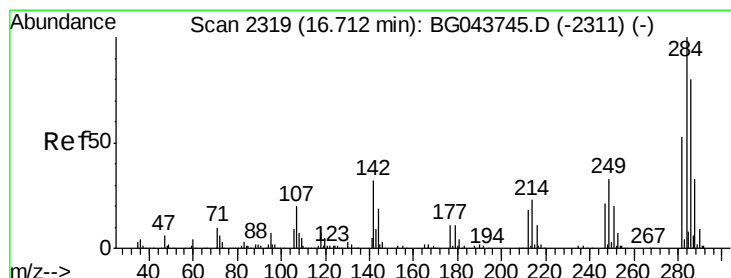
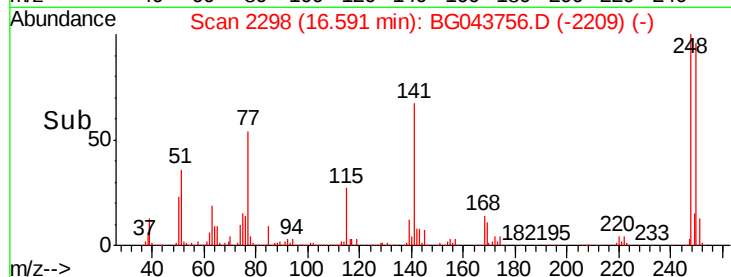
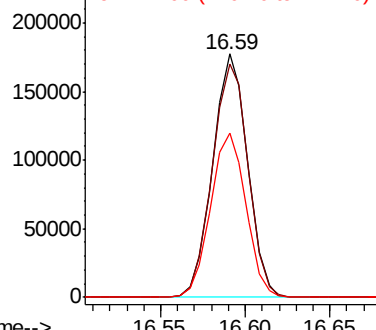


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.671 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

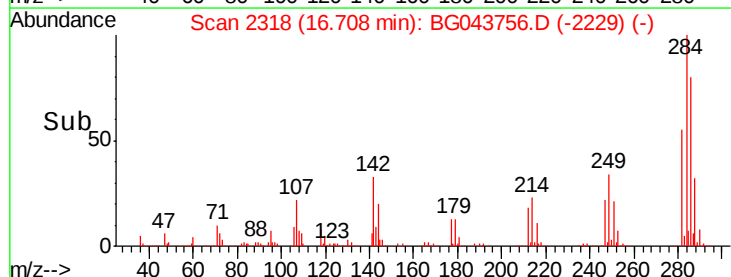
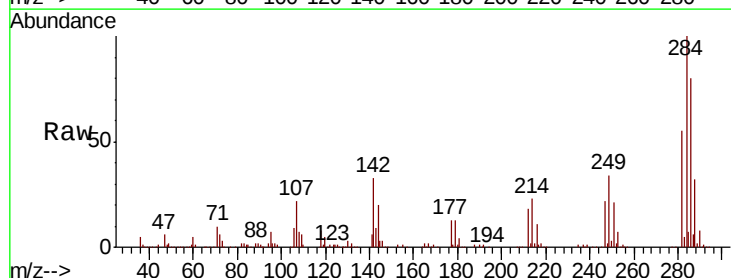
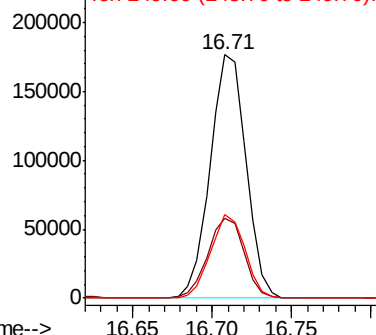
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.4	38.0
249	34.3	26.2	39.4

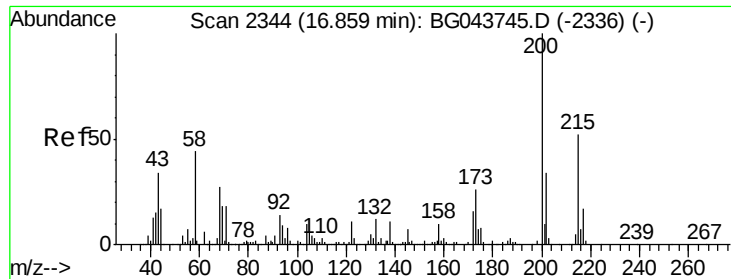
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





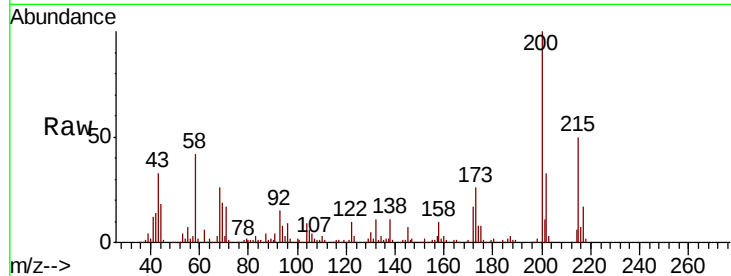
#69
Atrazine
Concen: 45.559 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	6.0	46.0
215	49.7	32.4	72.4

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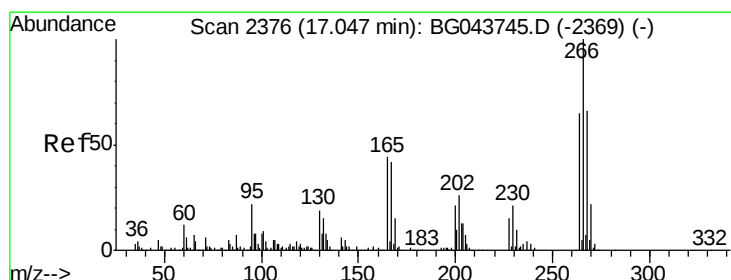
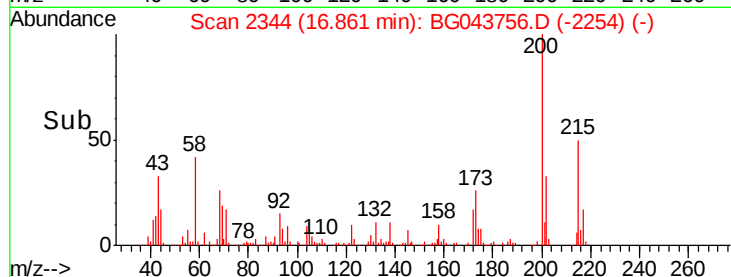
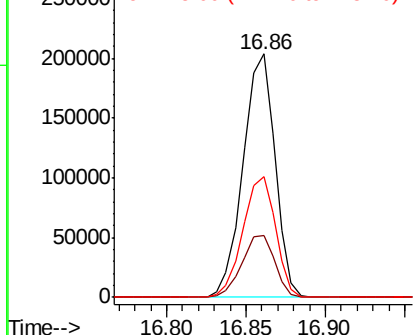


Abundance

Ion 200.00 (199.70 to 200.70): E

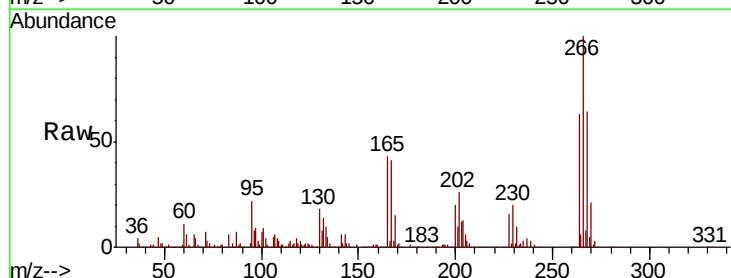
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.382 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	52.9	79.3
264	62.8	51.6	77.4

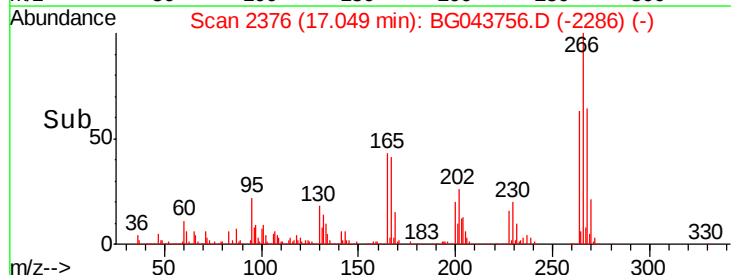
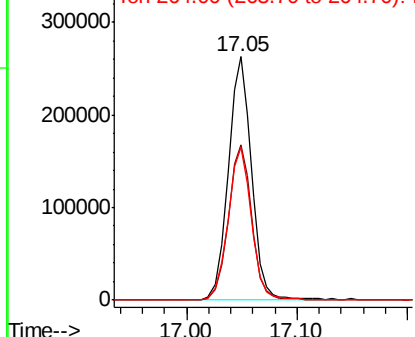


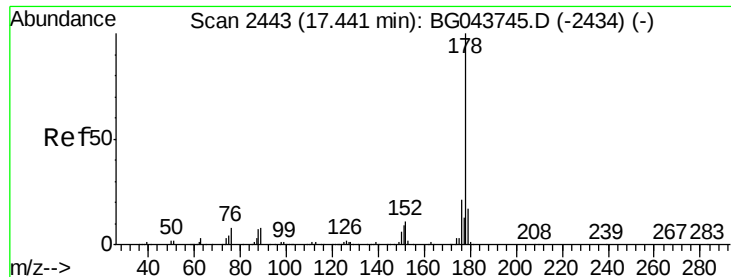
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





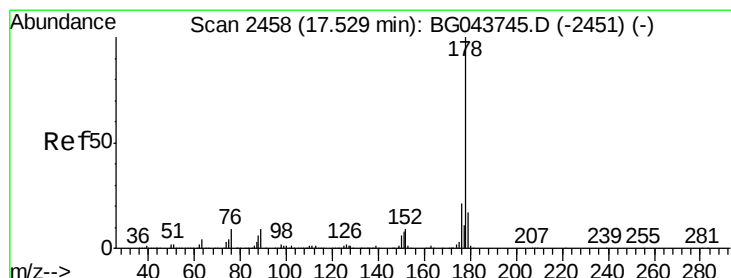
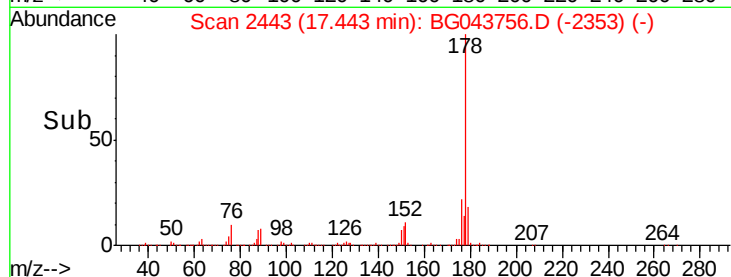
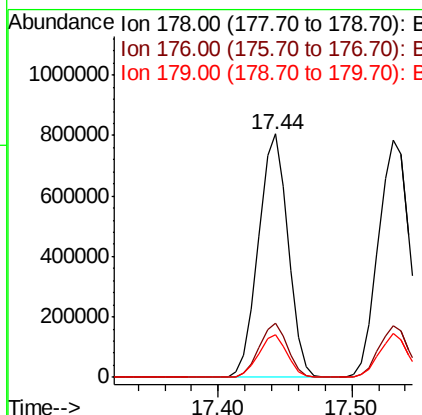
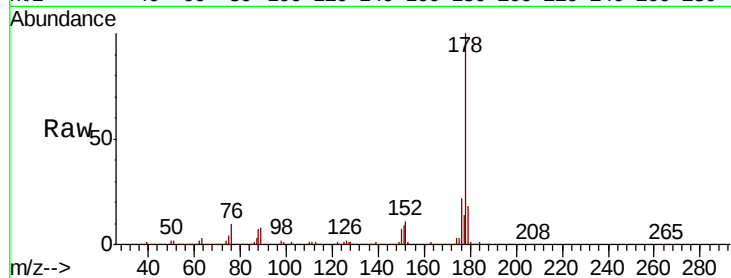
#71
Phenanthrene
Concen: 42.156 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.4	16.9	25.3
179	17.7	13.5	20.3

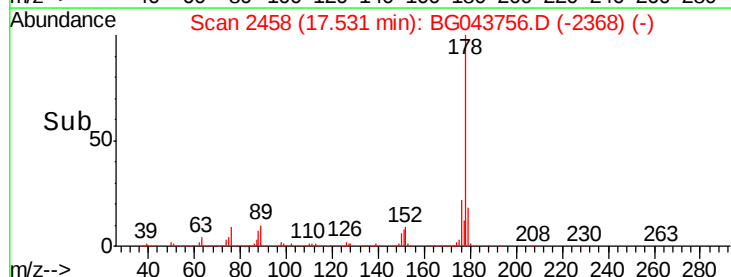
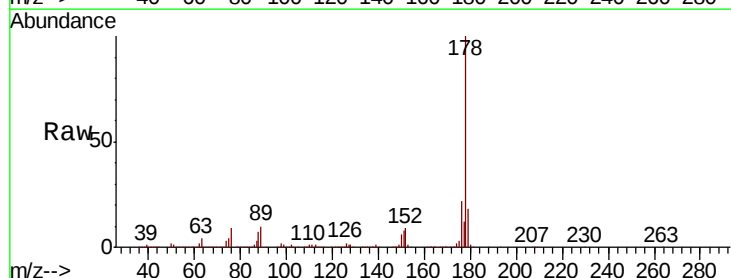
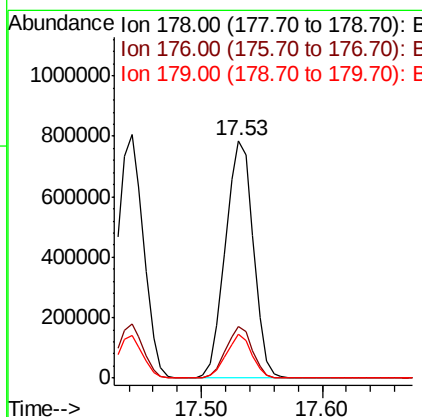
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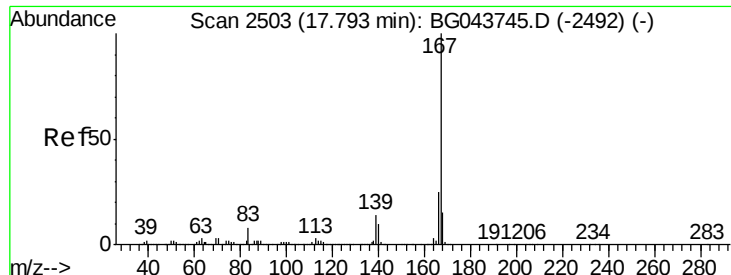
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#72
Anthracene
Concen: 42.675 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.5	24.7
179	18.3	13.4	20.2





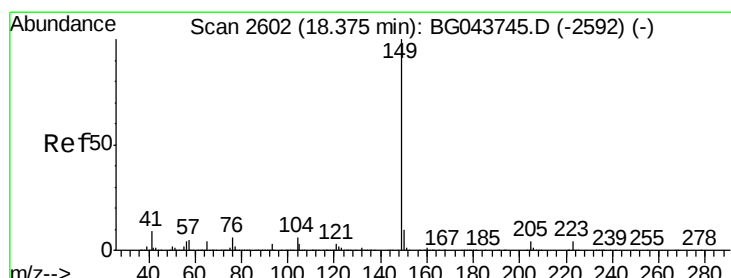
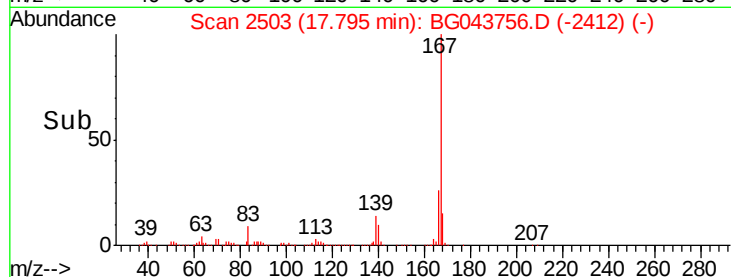
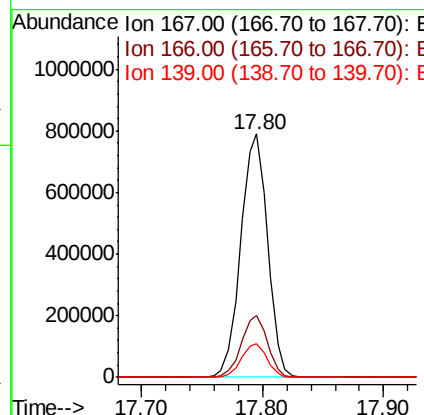
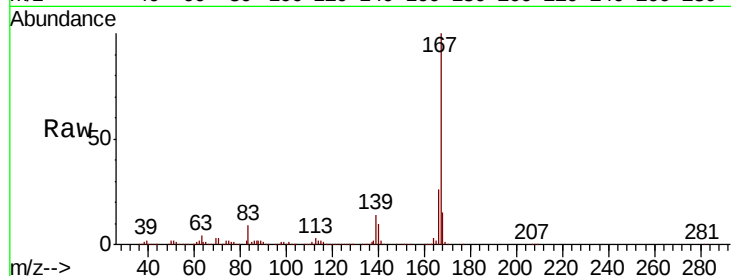
#73
 Carbazole
 Concen: 41.918 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124977BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	19.8	29.6
139	13.6	10.9	16.3

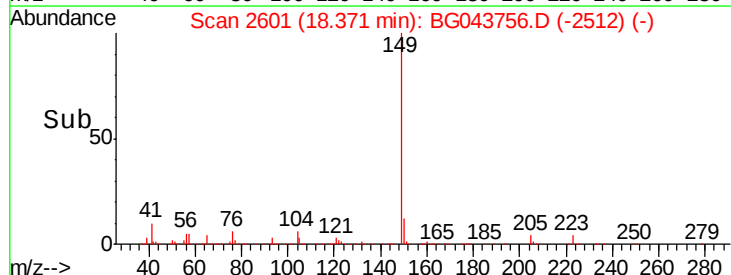
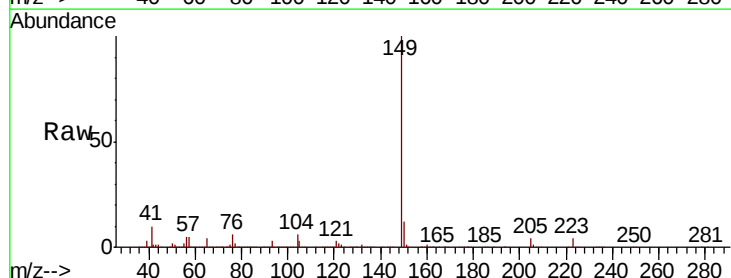
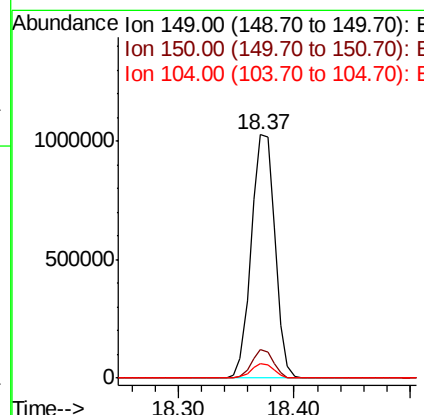
Manual Integrations
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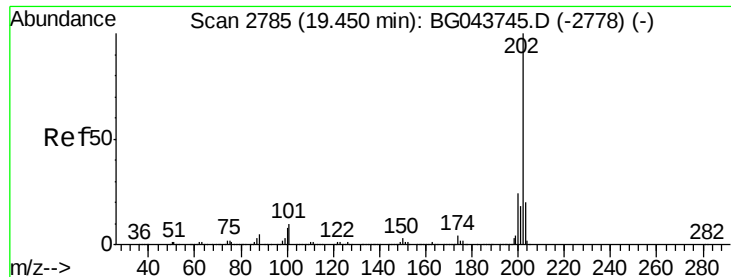
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#74
 Di-n-butylphthalate
 Concen: 39.058 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG043756.D
 Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.4	12.6
104	6.1	4.6	7.0





#75

Fluoranthene

Concen: 39.846 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

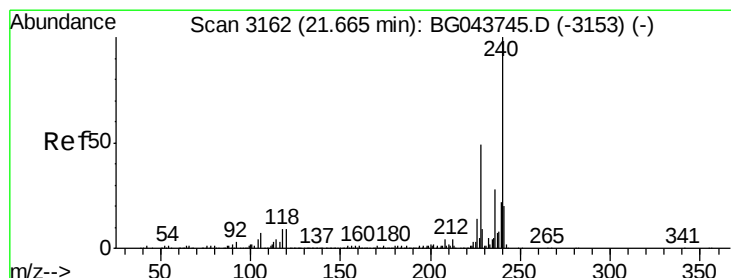
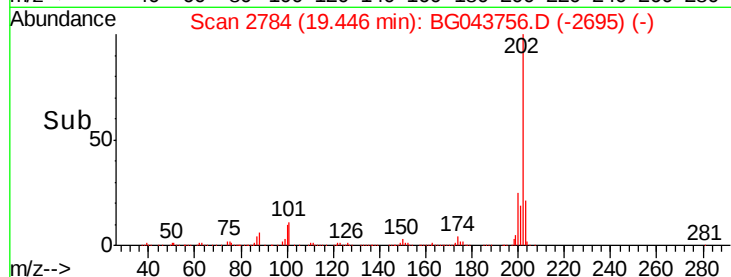
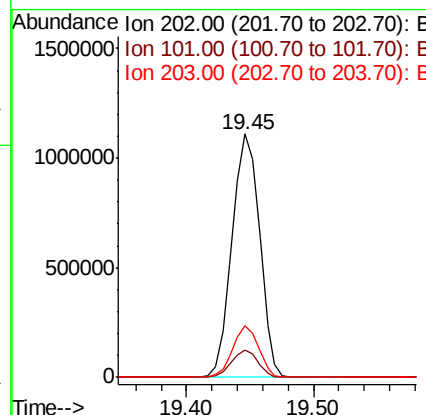
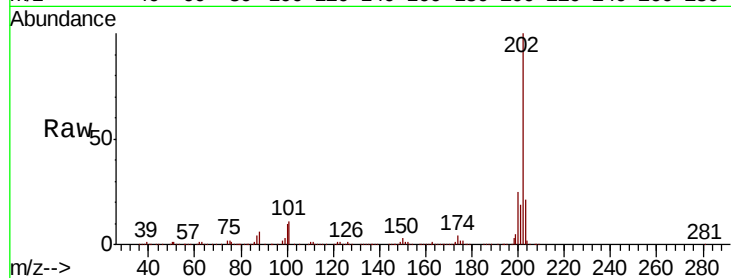
ClientSampleID :

PB124977BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1669794		
101	11.5	0.0	30.1		
203	21.4	0.0	39.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

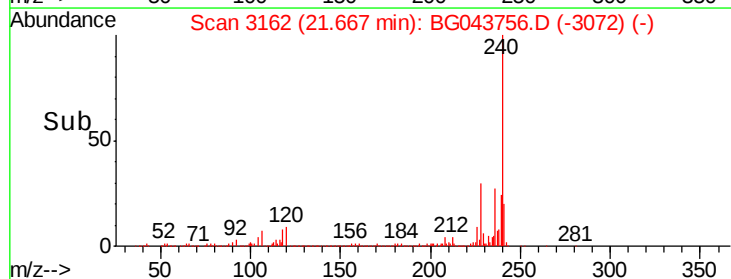
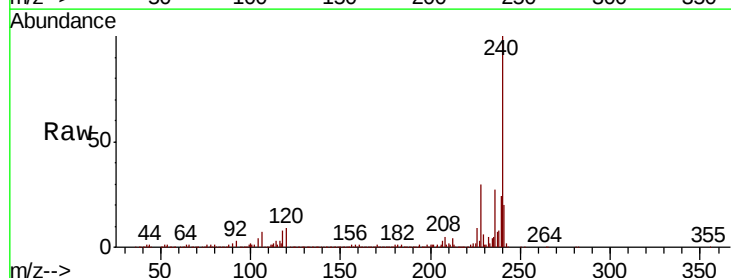
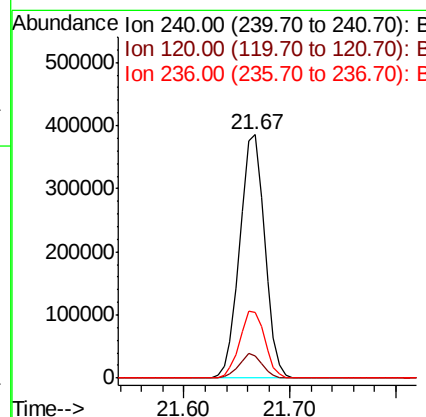
RT: 21.67 min Scan# 3162

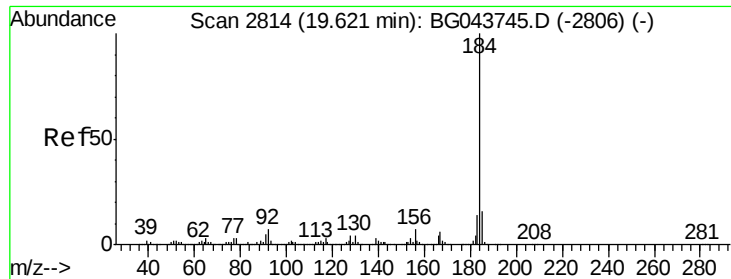
Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		629095		
120	9.2	7.5	11.3		
236	27.2	22.6	34.0		





#77

Benzidine

Concen: 15.141 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

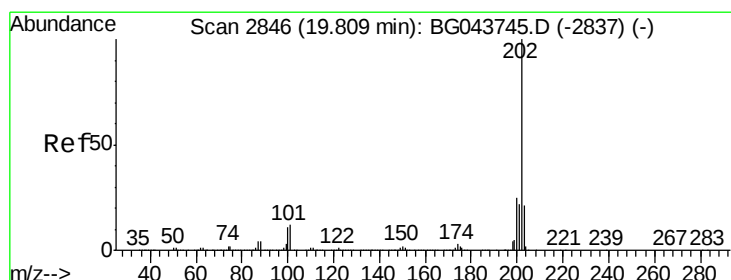
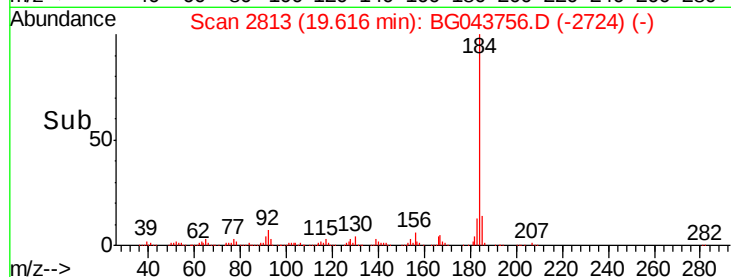
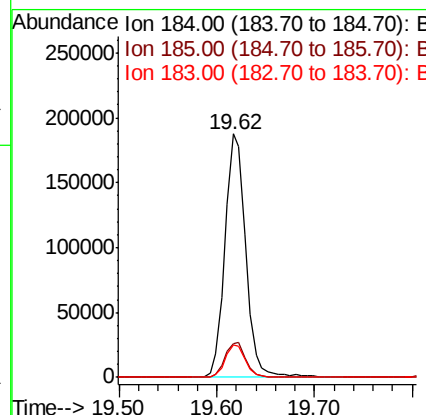
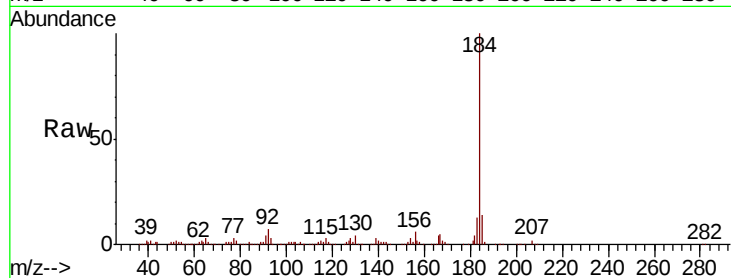
ClientSampleId :

PB124977BS

Tot Ion:	184	Resp:	278243
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.8	19.2
183	13.2	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 42.036 ng

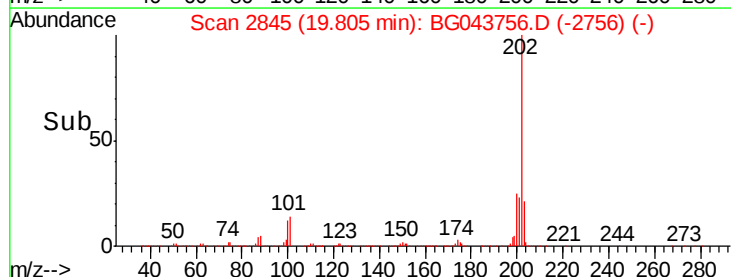
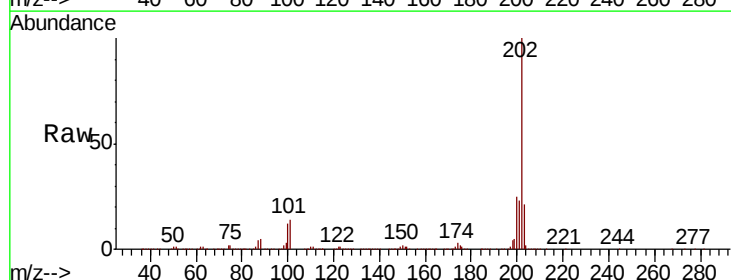
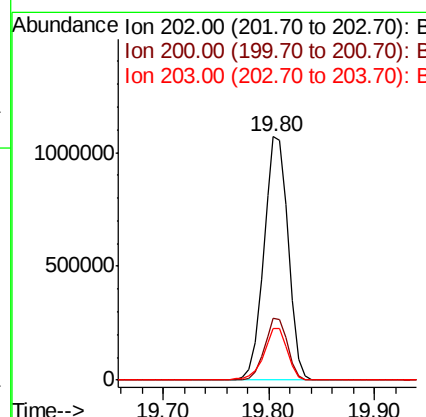
RT: 19.80 min Scan# 2845

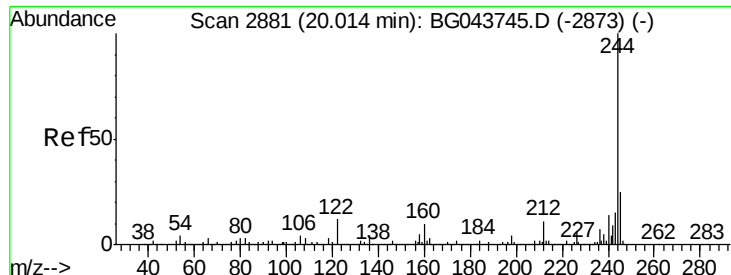
Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Tgt Ion:	202	Resp:	1706707
Ion Ratio	Lower	Upper	
202	100		
200	25.5	19.8	29.6
203	21.4	16.6	24.8





#79

Terphenyl-d14

Concen: 67.364 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

ClientSampleId :

PB124977BS

Tot Ion:244 Resp: 1875464

Ion Ratio Lower Upper

244 100

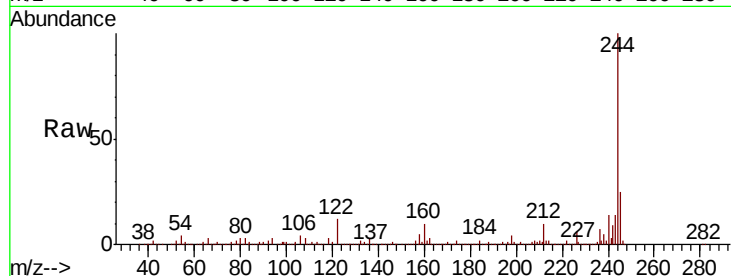
212 10.2 8.5 12.7

122 12.0 9.5 14.3

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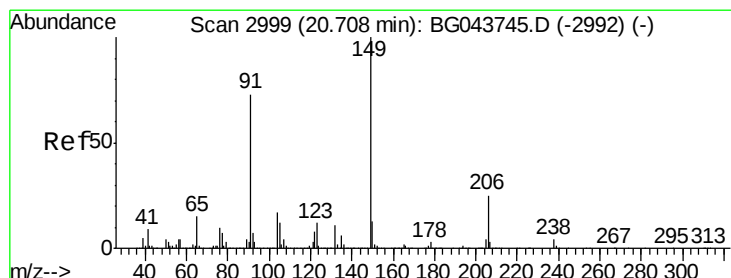
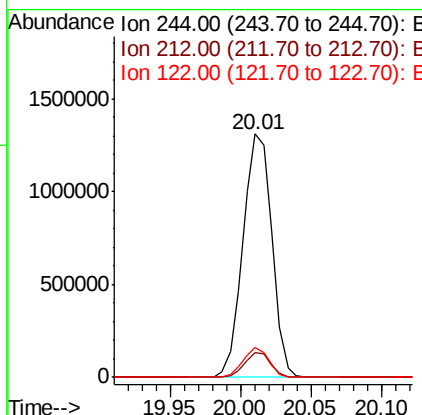
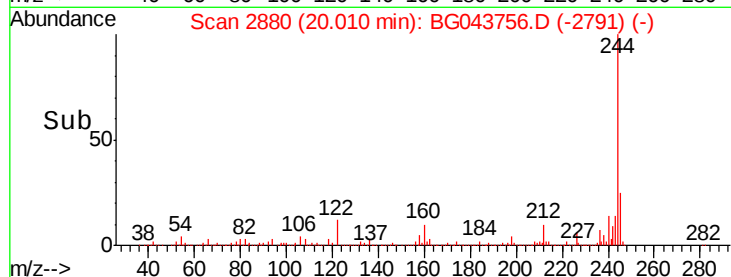
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.979 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

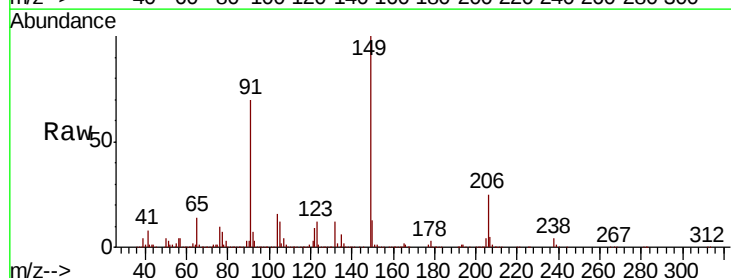
Tgt Ion:149 Resp: 776434

Ion Ratio Lower Upper

149 100

91 70.4 58.8 88.2

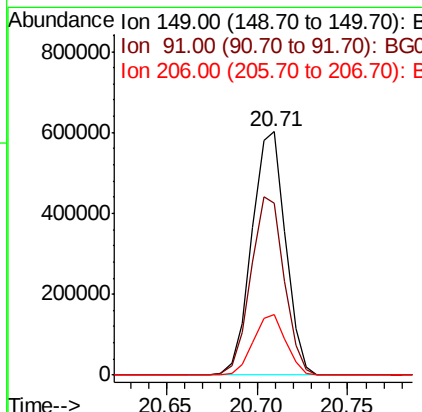
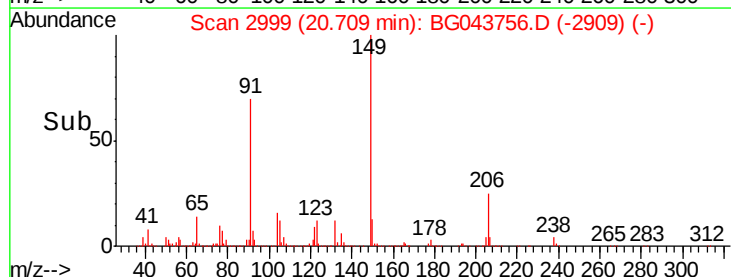
206 25.1 19.8 29.6

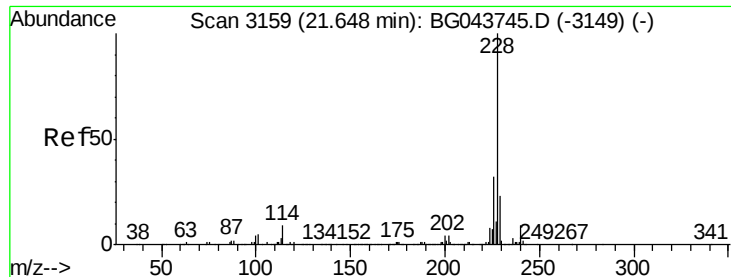


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





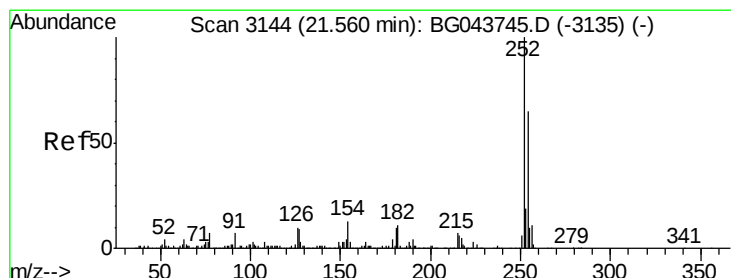
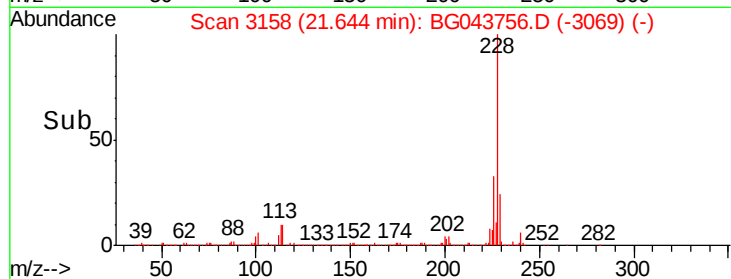
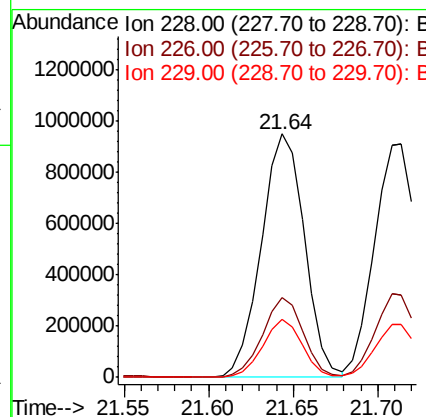
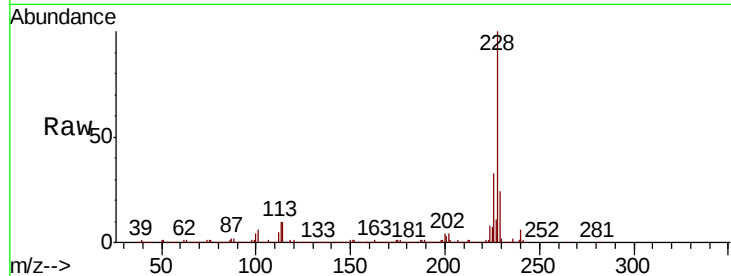
#81
Benzo(a)anthracene
Concen: 40.148 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.2
229	23.6	18.1	27.1

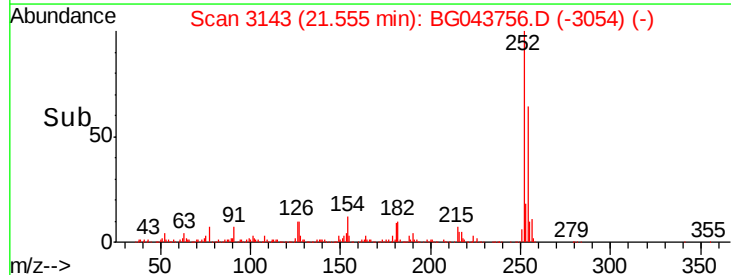
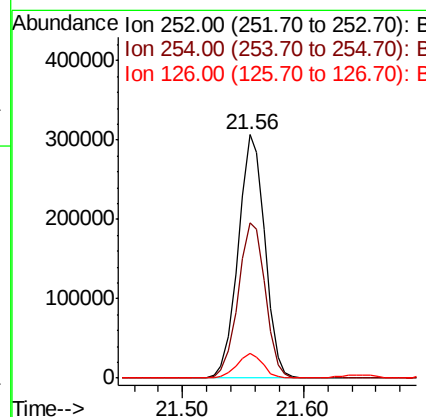
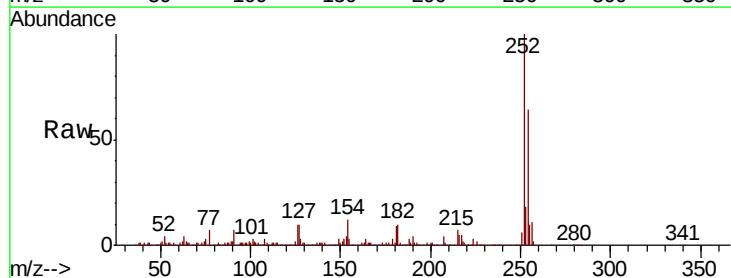
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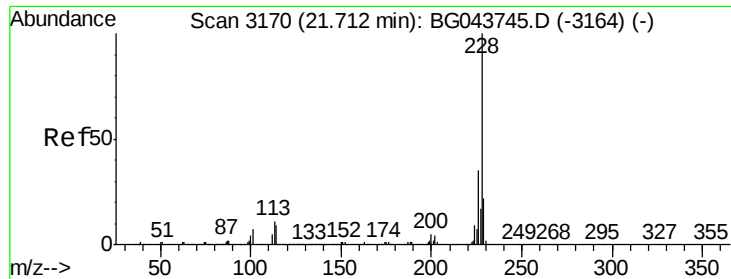
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.014 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.1	78.1
126	10.1	7.8	11.6





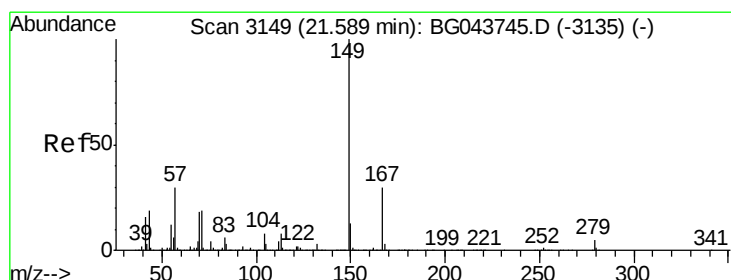
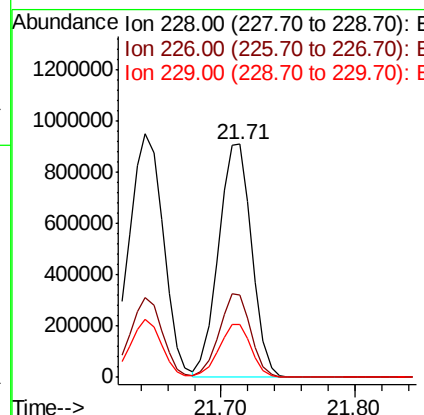
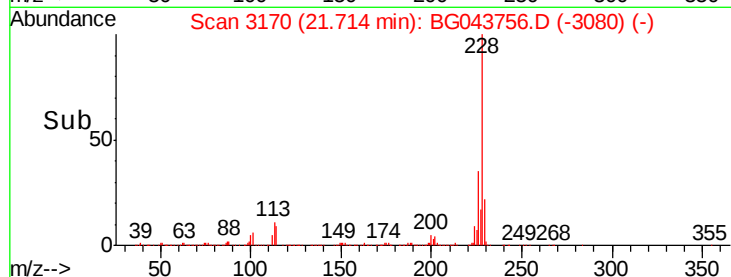
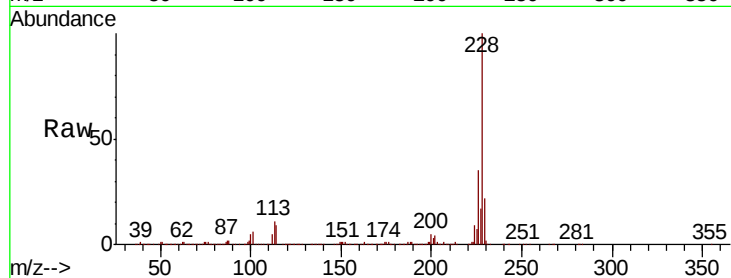
#83
Chrysene
Concen: 39.960 ng
RT: 21.71 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.1	27.8	41.8
229	22.5	17.9	26.9

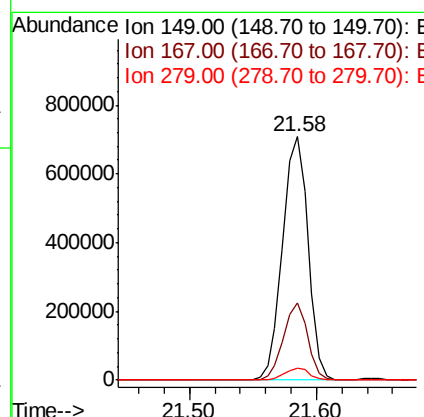
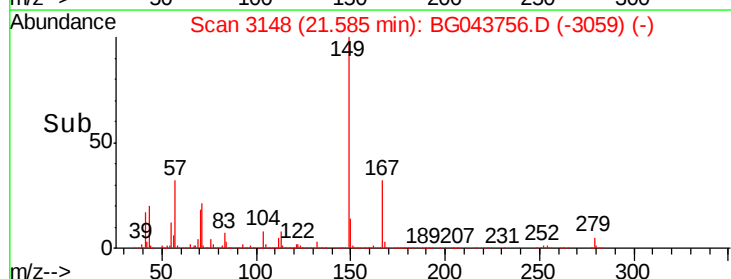
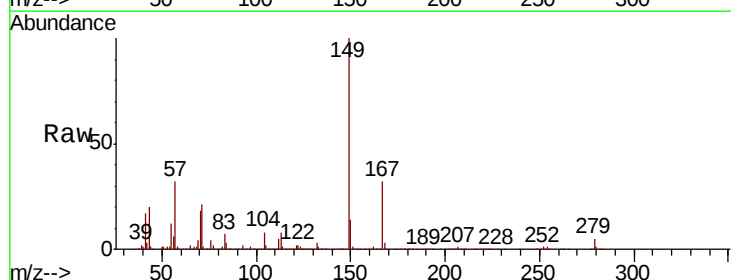
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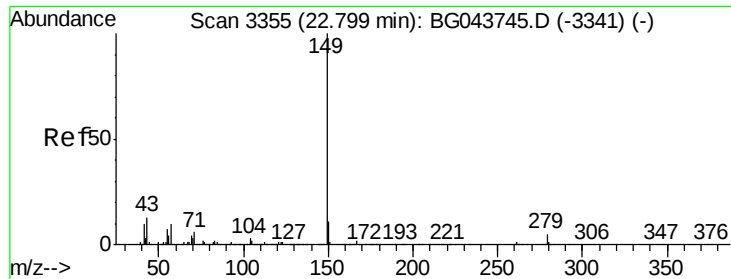
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.105 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	23.8	35.6
279	5.1	4.0	6.0





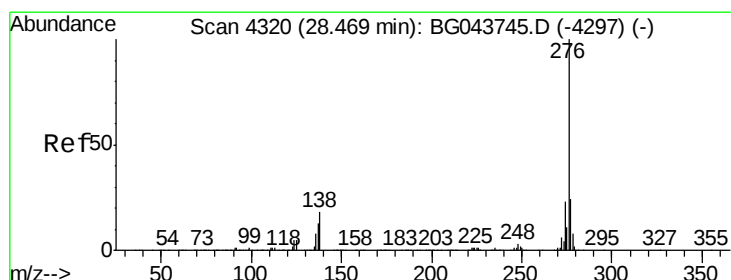
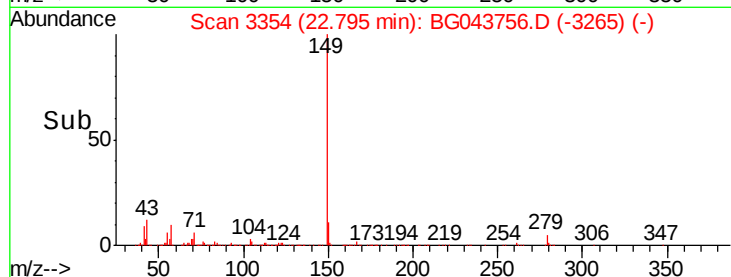
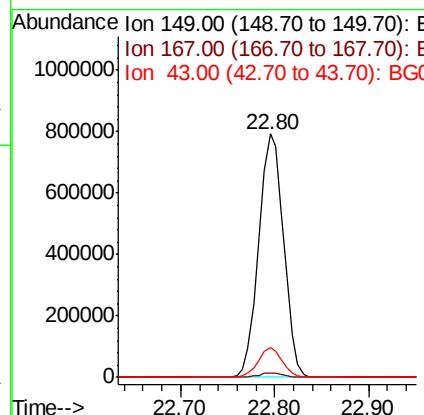
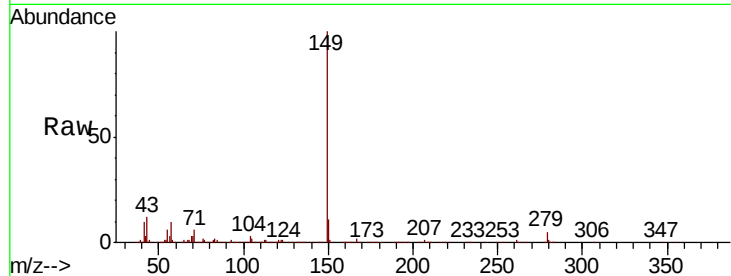
#85
Di-n-octyl phthalate
Concen: 34.328 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.7	9.8	14.6

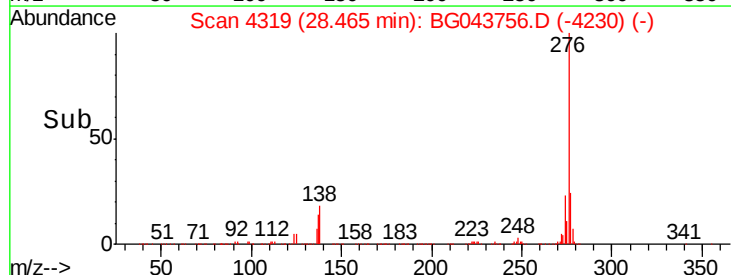
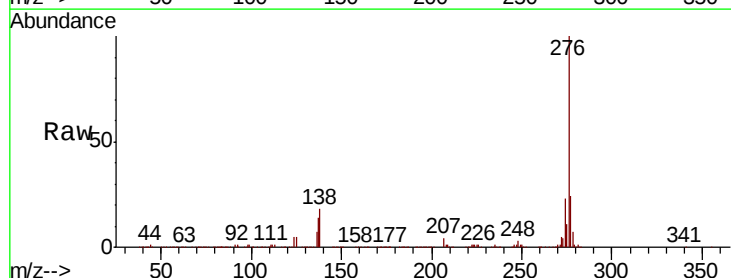
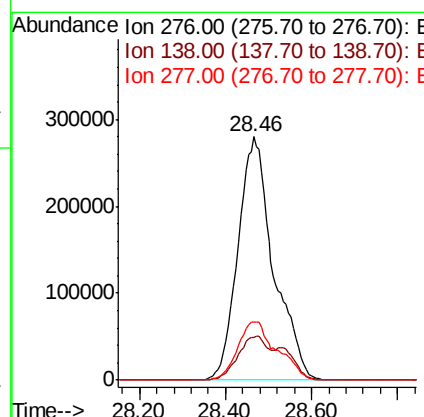
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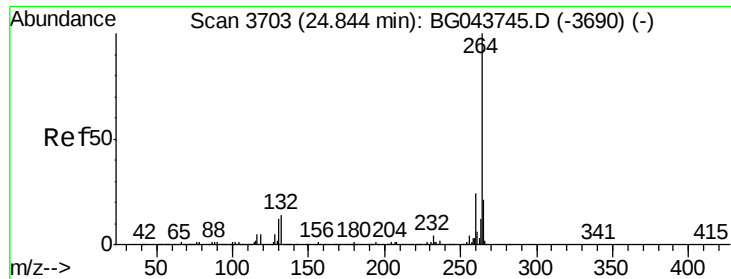
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.814 ng
RT: 28.46 min Scan# 4319
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	14.5	21.7
277	26.6	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BG043756.D

Acq: 23 Nov 2019 15:06

Instrument :

BNA_G

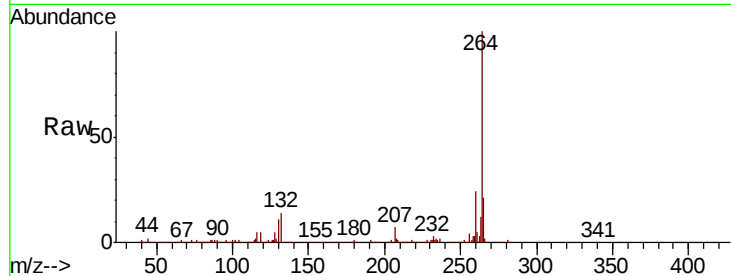
ClientSampleId :

PB124977BS

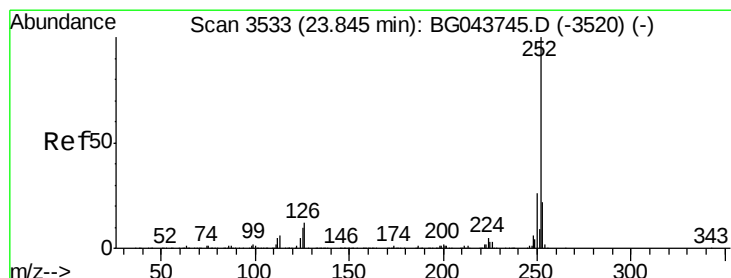
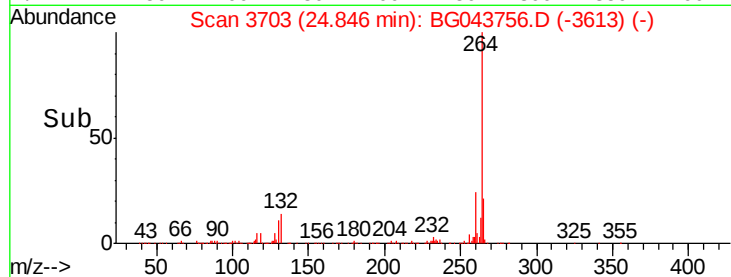
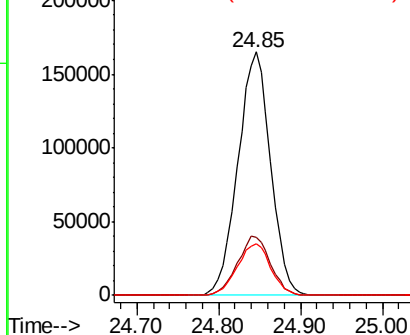
Tot Ion:	264	Resp:	456178
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.1	17.0	25.6

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.524 ng

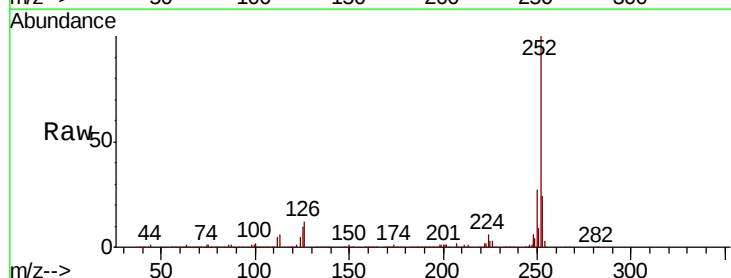
RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

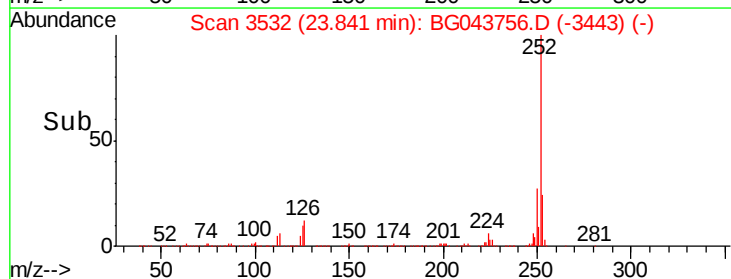
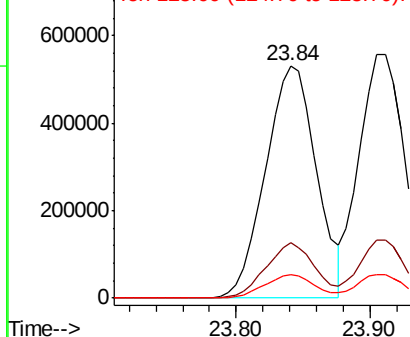
Lab File: BG043756.D

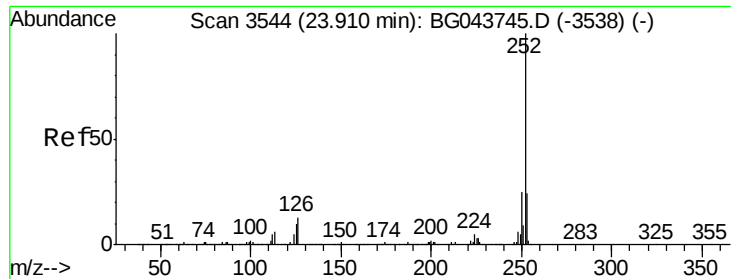
Acq: 23 Nov 2019 15:06

Tgt Ion:	252	Resp:	1403349
Ion Ratio		Lower	Upper
252	100		
253	23.9	17.7	26.5
125	10.0	8.0	12.0



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





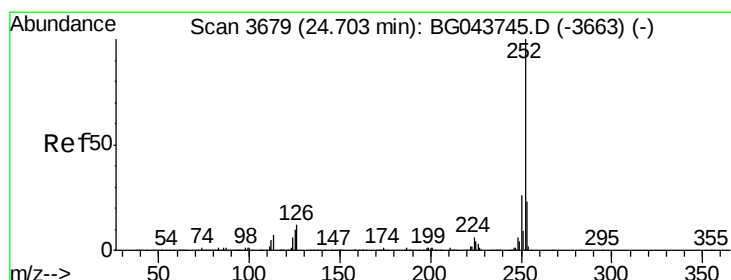
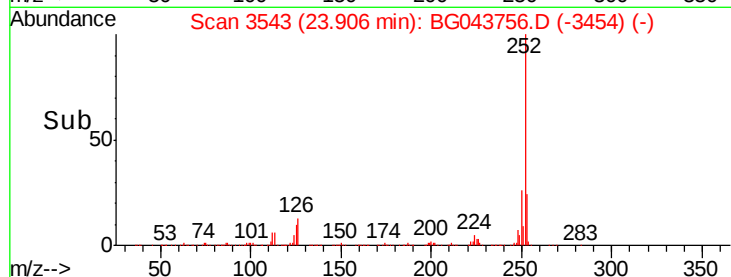
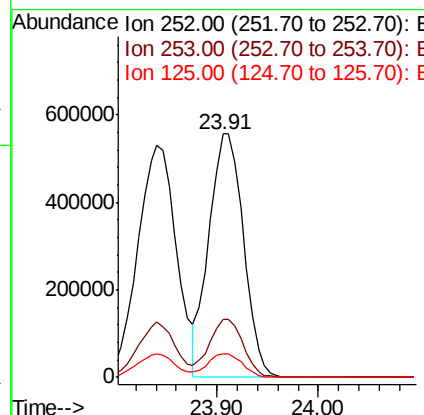
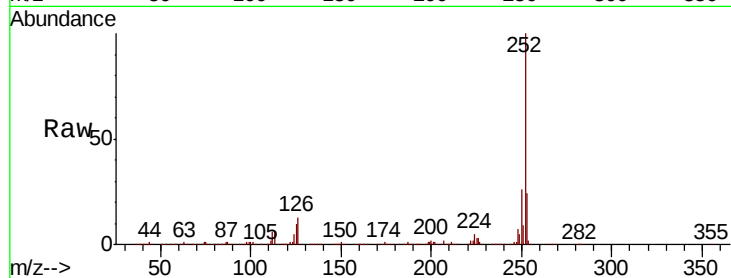
#89
Benzo(k)fluoranthene
Concen: 50.130 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.8	28.2
125	9.7	7.7	11.5

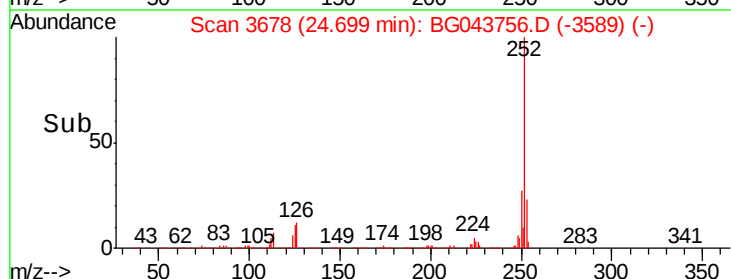
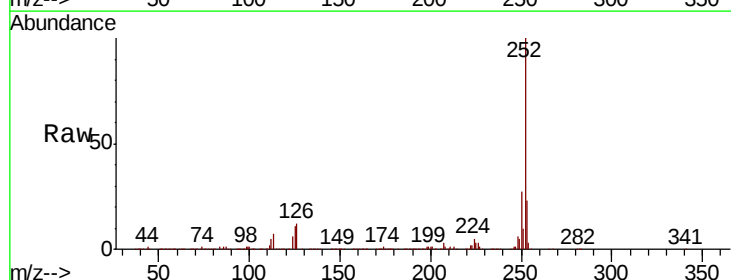
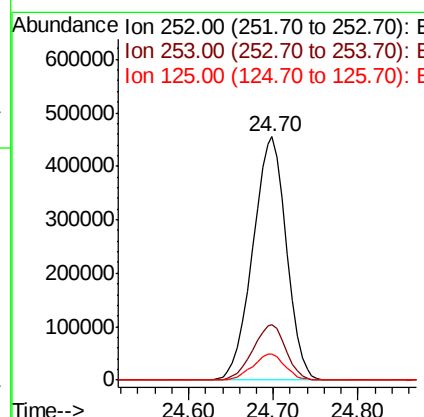
Manual Integrations
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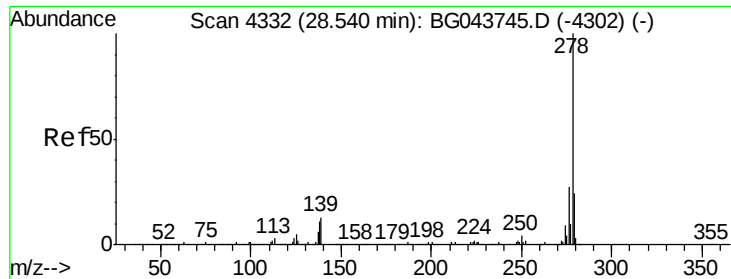
mohammad
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#90
Benzo(a)pyrene
Concen: 48.998 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	10.9	8.3	12.5





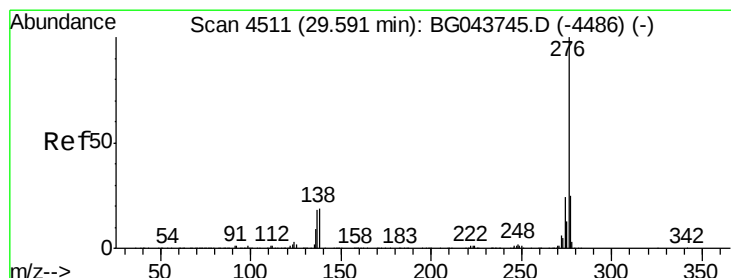
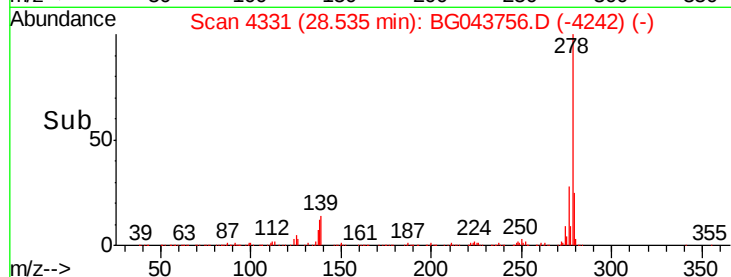
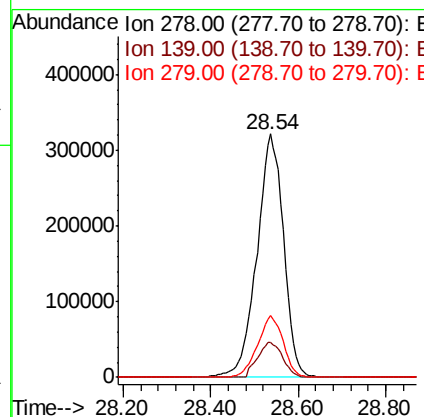
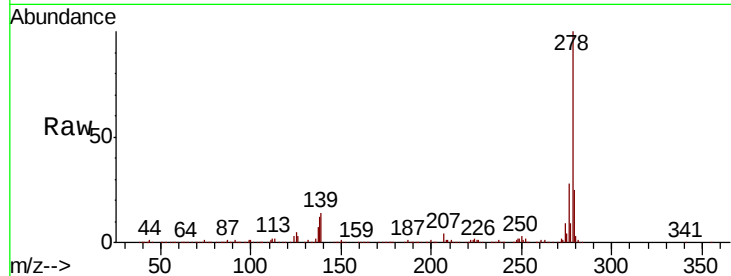
#91
Dibenzo(a,h)anthracene
Concen: 53.816 ng
RT: 28.54 min Scan# 4331
Delta R.T. -0.00 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.4	15.6
279	25.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
11/25/2019 2:33:43 PM



#92
Benzo(g,h,i)perylene
Concen: 55.026 ng
RT: 29.60 min Scan# 4512
Delta R.T. 0.01 min
Lab File: BG043756.D
Acq: 23 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.7	29.5
138	19.1	14.9	22.3

