

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043482.D
 Acq On : 4 Nov 2019 15:55
 Operator : JU
 Sample : PB124488BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Manual Integrations
 APPROVED

mohammad
 11/5/2019 10:41:01 AM

Quant Time: Nov 04 16:57:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34078	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	142873	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	121125	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	294991	20.00	ng	0.00
76) Chrysene-d12	21.66	240	338214	20.00	ng	0.00
87) Perylene-d12	24.85	264	365501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	244831	131.65	ng	0.00
7) Phenol-d6	7.20	99	336580	125.79	ng	0.00
23) Nitrobenzene-d5	9.17	82	159284	57.48	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	230250	99.89	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	461169	52.61	ng	0.00
79) Terphenyl-d14	19.99	244	979039	54.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	27866	38.451	ng	94
3) Pyridine	3.87	79	65568	35.867	ng	97
4) n-Nitrosodimethylamine	3.78	42	39669	43.003	ng	96
6) Aniline	7.34	93	109777	35.616	ng	100
8) 2-Chlorophenol	7.59	128	99857	48.642	ng	95
9) Benzaldehyde	7.15	77	49665	37.770	ng	87
10) Phenol	7.22	94	118944	48.648	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	78150	41.342	ng	99
12) 1,3-Dichlorobenzene	7.90	146	104832	40.757	ng	99
13) 1,4-Dichlorobenzene	8.04	146	107545	41.326	ng	98
14) 1,2-Dichlorobenzene	8.37	146	101465	39.933	ng	98
15) Benzyl Alcohol	8.26	79	86930	46.261	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	105092	38.233	ng	95
17) 2-Methylphenol	8.47	107	82024	46.019	ng	97
18) Hexachloroethane	9.10	117	38143	40.625	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	69975	40.472	ng	97
20) 3+4-Methylphenols	8.80	107	115085	47.086	ng	98
22) Acetophenone	8.83	105	144516	39.498	ng	# 97
24) Nitrobenzene	9.21	77	107851	40.853	ng	97
25) Isophorone	9.74	82	206684	40.793	ng	99
26) 2-Nitrophenol	9.93	139	55714	43.713	ng	# 91
27) 2,4-Dimethylphenol	9.99	122	92323	50.539	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	108806	38.909	ng	99
29) 2,4-Dichlorophenol	10.48	162	106744	45.606	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	115966	39.311	ng	95
31) Naphthalene	10.86	128	298665	41.183	ng	98
32) Benzoic acid	10.16	122	48526	37.280	ng	98
33) 4-Chloroaniline	10.98	127	82907	27.889	ng	98
34) Hexachlorobutadiene	11.15	225	78547	36.019	ng	98
35) Caprolactam	11.75	113	34631m	42.961	ng	
36) 4-Chloro-3-methylphenol	12.11	107	118788	46.527	ng	96
37) 2-Methylnaphthalene	12.47	142	232433	41.771	ng	99
38) 1-Methylnaphthalene	12.69	142	224347	42.374	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	152020	33.913	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	147933	62.823	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	99602	37.730	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	105641	39.583	ng	96
46) 1,1'-Biphenyl	13.47	154	313894	34.065	ng	96
47) 2-Chloronaphthalene	13.52	162	246849	35.209	ng	99
48) 2-Nitroaniline	13.73	65	73744	35.192	ng	85
49) Acenaphthylene	14.37	152	403645	36.992	ng	98
50) Dimethylphthalate	14.10	163	333424	35.539	ng	99
51) 2,6-Dinitrotoluene	14.21	165	75336	36.962	ng	97
52) Acenaphthene	14.71	154	238598	35.856	ng	96
53) 3-Nitroaniline	14.55	138	57430	29.184	ng #	91
54) 2,4-Dinitrophenol	14.76	184	87349	69.664	ng	93
55) Dibenzofuran	15.04	168	394705	36.577	ng	99
56) 4-Nitrophenol	14.88	139	109616	83.123	ng	93
57) 2,4-Dinitrotoluene	15.01	165	111231	38.186	ng #	97
58) Fluorene	15.69	166	335928	37.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	109122	38.484	ng	96
60) Diethylphthalate	15.45	149	336595	35.706	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	187583	35.528	ng	98
62) 4-Nitroaniline	15.72	138	75015	36.911	ng	98
63) Azobenzene	15.97	77	279467	36.631	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	70922	40.853	ng	95
66) n-Nitrosodiphenylamine	15.89	169	295920	35.532	ng	96
67) 4-Bromophenyl-phenylether	16.58	248	136459	34.373	ng	99
68) Hexachlorobenzene	16.70	284	151245	33.190	ng	98
69) Atrazine	16.85	200	133361	46.083	ng	96
70) Pentachlorophenol	17.05	266	169959	81.851	ng	94
71) Phenanthrene	17.43	178	540566	35.785	ng	99
72) Anthracene	17.52	178	568064	37.586	ng	99
73) Carbazole	17.79	167	524188	38.300	ng	99
74) Di-n-butylphthalate	18.34	149	606398	36.516	ng	99
75) Fluoranthene	19.44	202	753275	38.250	ng	100
77) Benzidine	19.62	184	193611	28.444	ng	98
78) Pyrene	19.80	202	746568	35.661	ng	99
80) Butylbenzylphthalate	20.68	149	284049	35.813	ng	97
81) Benzo(a)anthracene	21.63	228	775152	36.589	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	270804	33.049	ng	100
83) Chrysene	21.70	228	757886	36.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	407102	36.133	ng	98
85) Di-n-octyl phthalate	22.74	149	717205	37.521	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	988833	37.424	ng	98
88) Benzo(b)fluoranthene	23.84	252	831730	40.179	ng	99
89) Benzo(k)fluoranthene	23.91	252	820049	39.350	ng	98
90) Benzo(a)pyrene	24.70	252	763136	38.605	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	850588	42.068	ng	100
92) Benzo(g,h,i)perylene	29.63	276	839029	42.068	ng	97

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

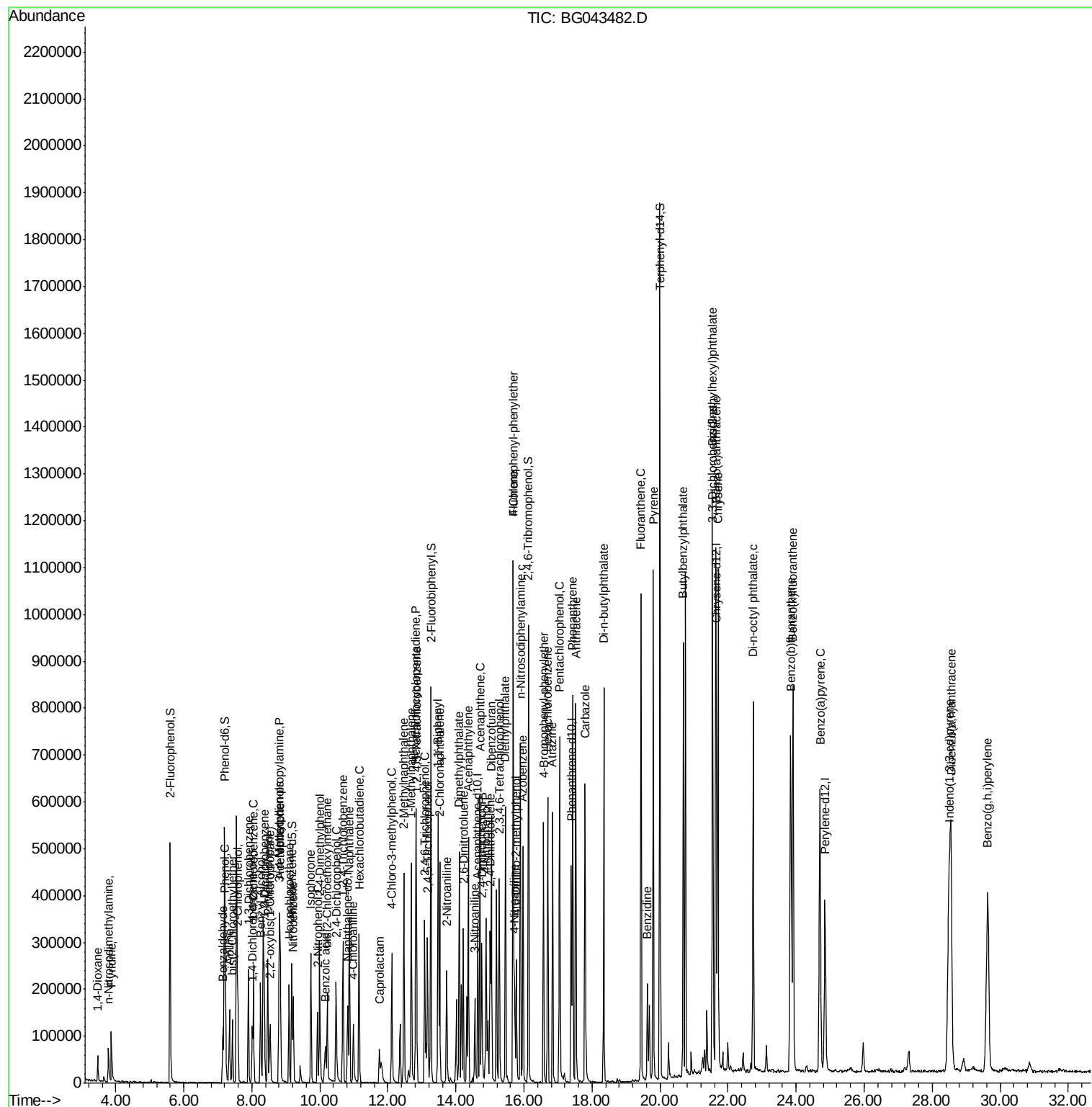
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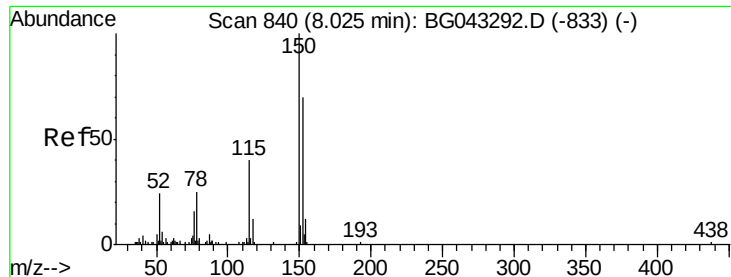
Instrument :
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#1

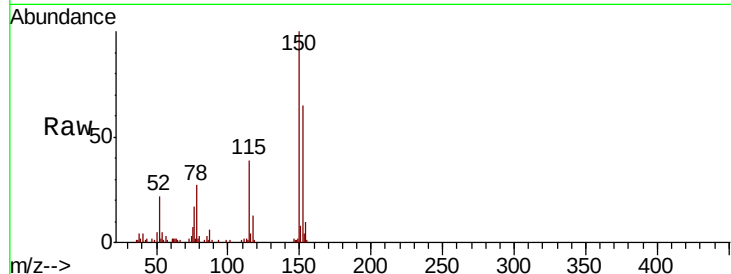
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	129.4	194.0
115	58.9	48.8	73.2

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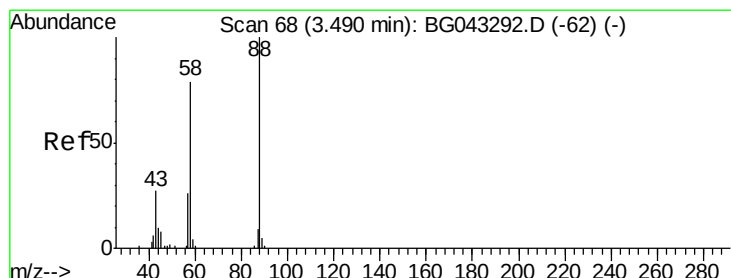
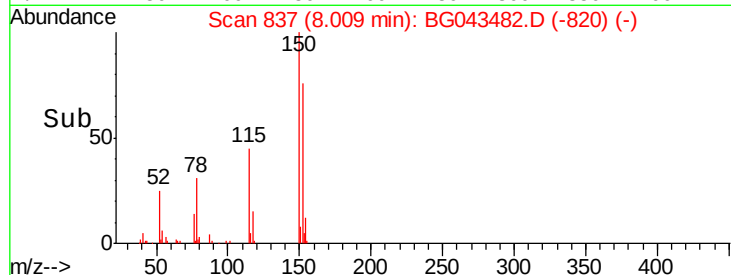
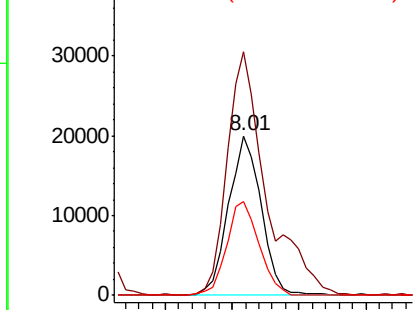


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

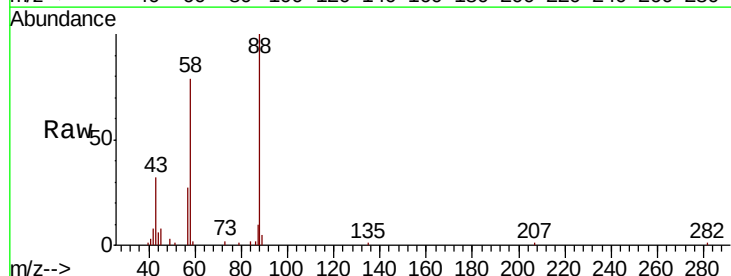
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.451 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	62.7	94.1
43	33.8	23.7	35.5

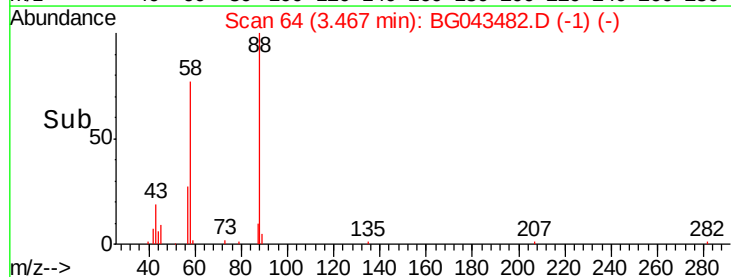
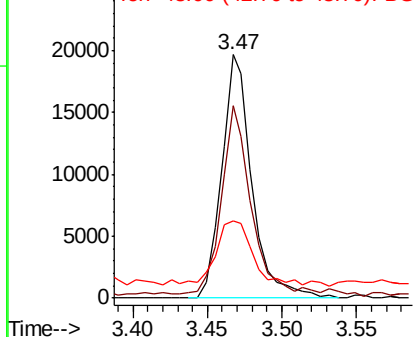


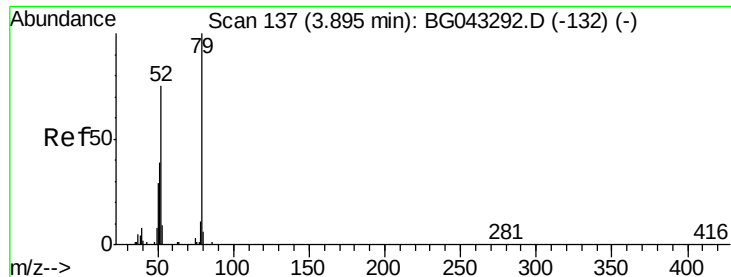
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.867 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

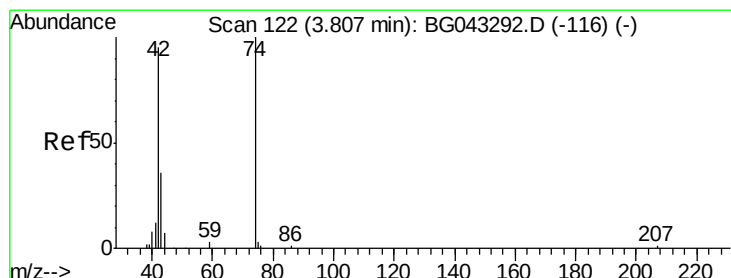
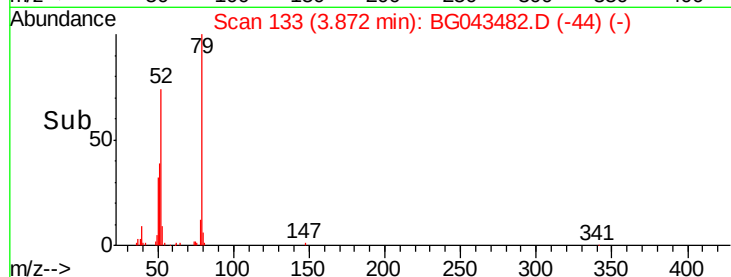
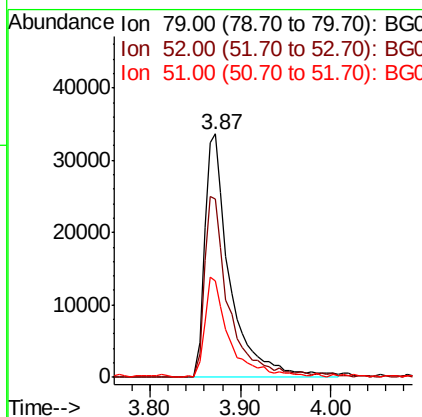
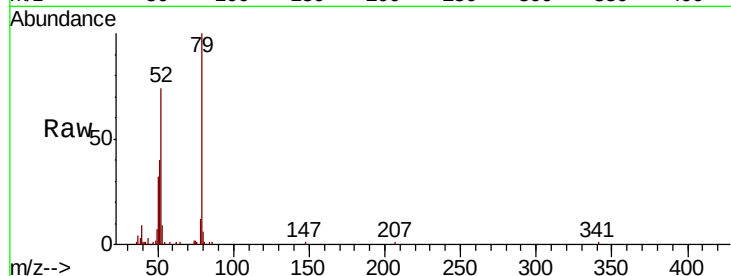
ClientSampleId :

PB124488BSD

Tot Ion:	79	Resp:	65568
Ion	Ratio	Lower	Upper
79	100		
52	73.5	56.5	84.7
51	39.8	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 43.003 ng

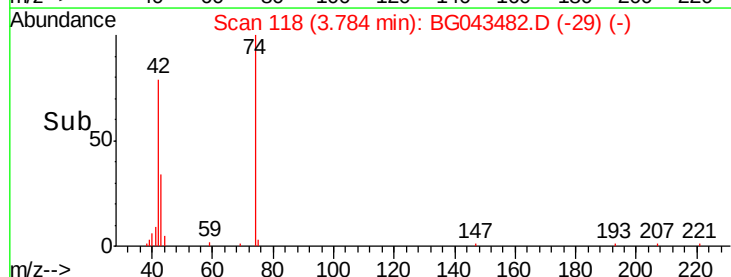
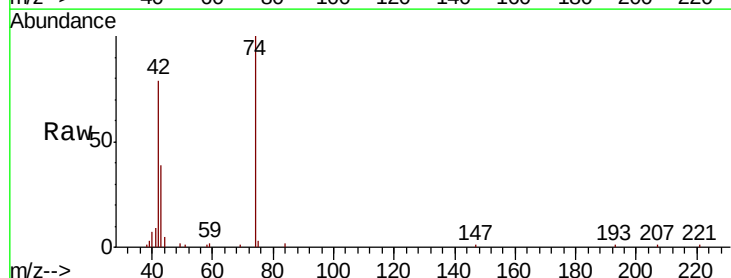
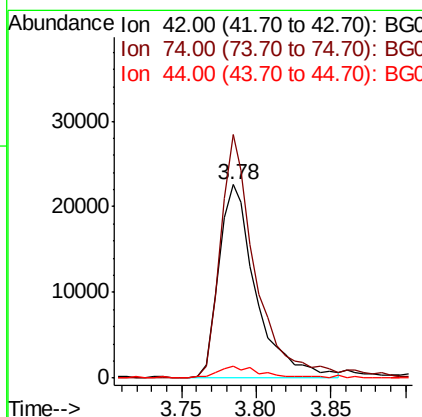
RT: 3.78 min Scan# 118

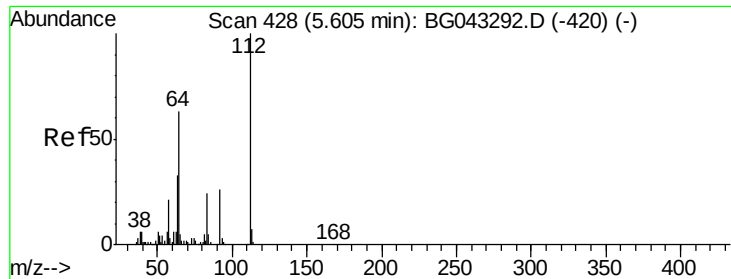
Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:	42	Resp:	39669
Ion	Ratio	Lower	Upper
42	100		
74	125.9	97.3	145.9
44	6.3	4.4	6.6





#5

2-Fluorophenol

Concen: 131.651 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

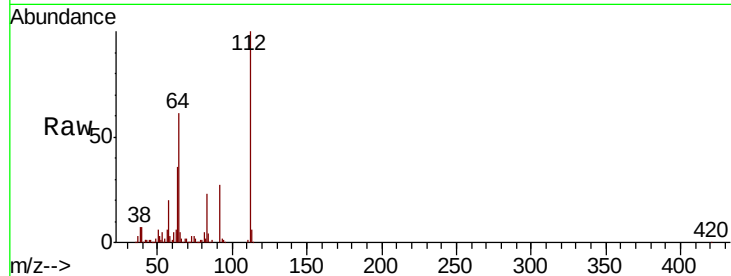
ClientSampleId :

PB124488BSD

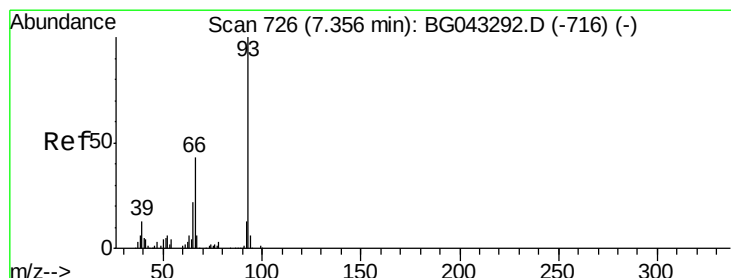
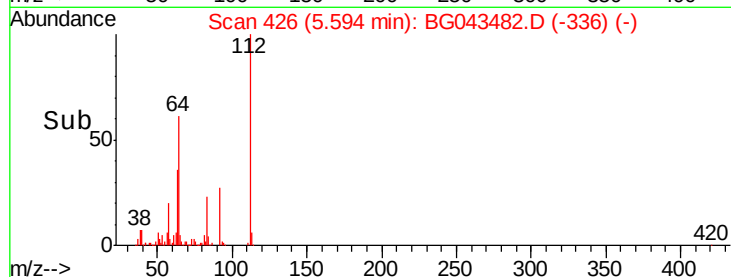
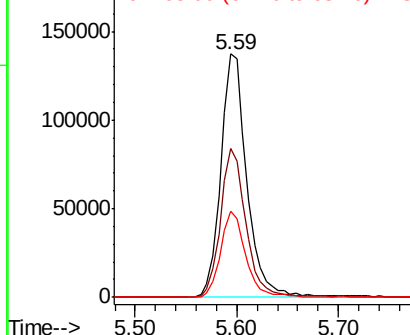
Tot Ion	Ratio	Resp	Lower	Upper
112	100	244831		
64	61.3	50.0	75.0	
63	35.6	26.6	40.0	

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



#6

Aniline

Concen: 35.616 ng

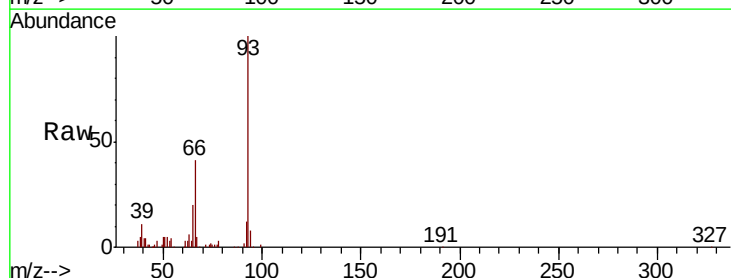
RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

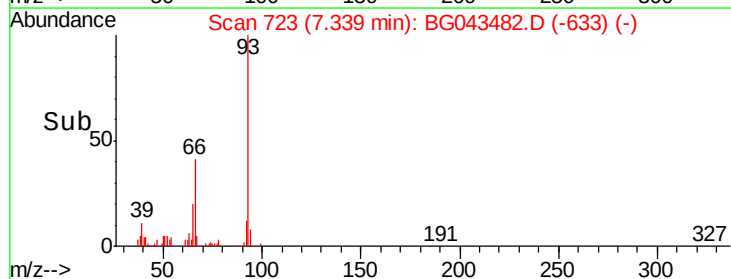
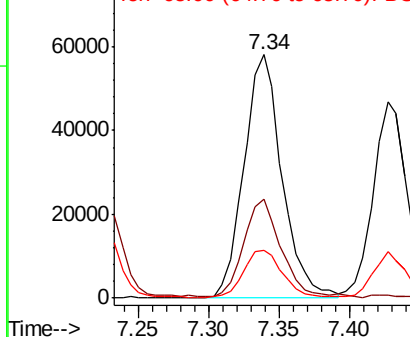
Lab File: BG043482.D

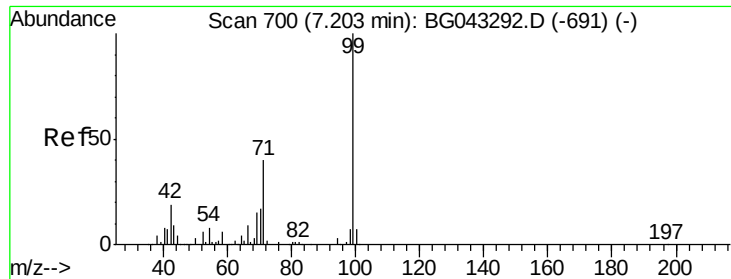
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	109777		
66	40.6	32.3	48.5	
65	19.8	16.1	24.1	



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





#7

Phenol-d6

Concen: 125.793 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

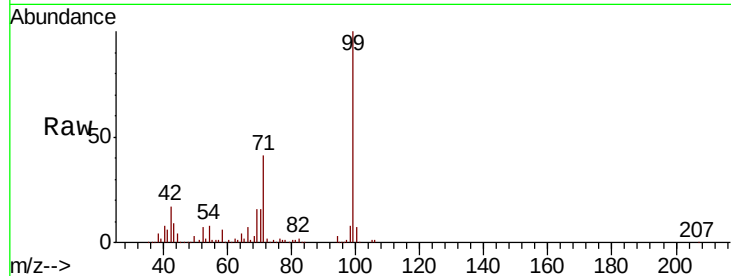
ClientSampleId :

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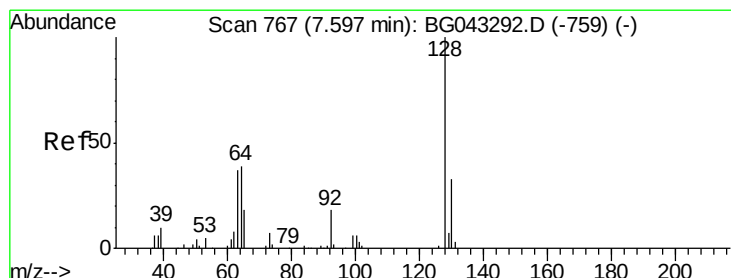
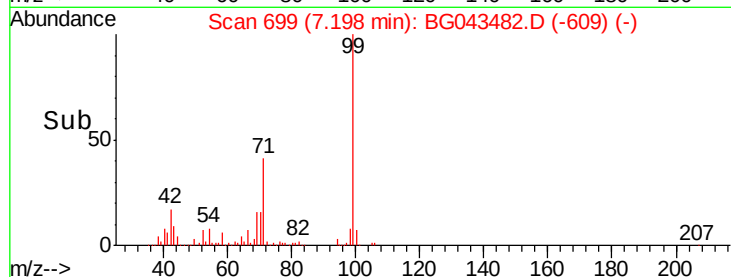
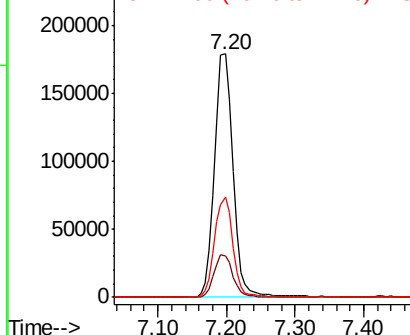
Tot Ion:	99	Resp:	336580
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.6	21.8
71	41.3	32.5	48.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.642 ng

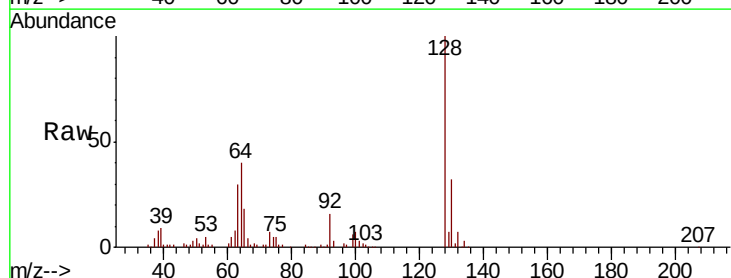
RT: 7.59 min Scan# 765

Delta R.T. 0.00 min

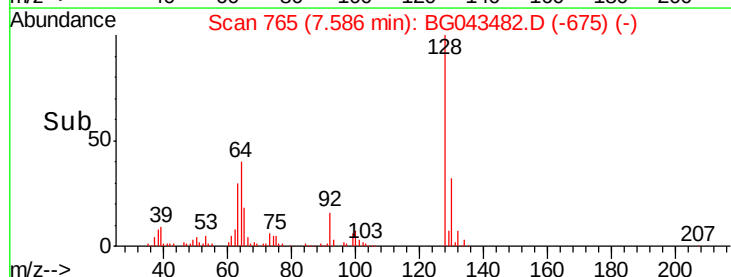
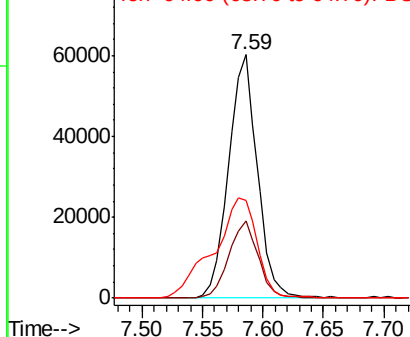
Lab File: BG043482.D

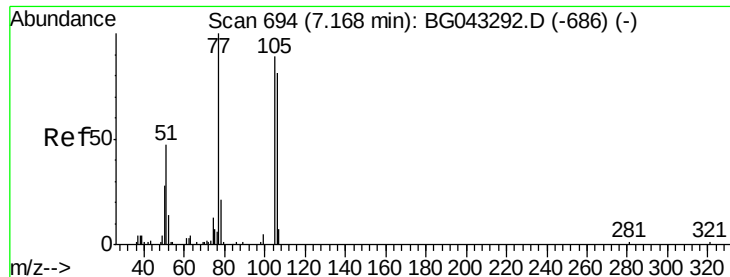
Acq: 4 Nov 2019 15:55

Tgt Ion:	128	Resp:	99857
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.5	52.5
64	40.2	25.3	65.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.770 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

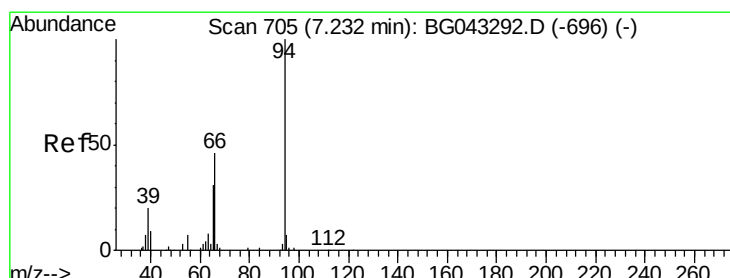
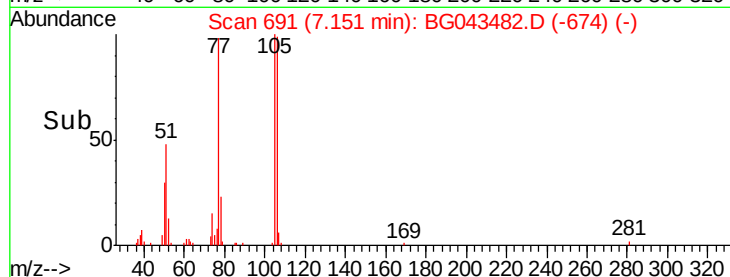
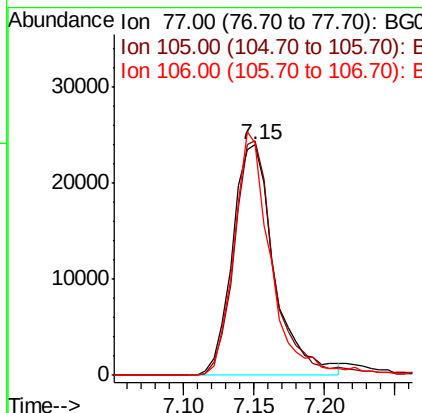
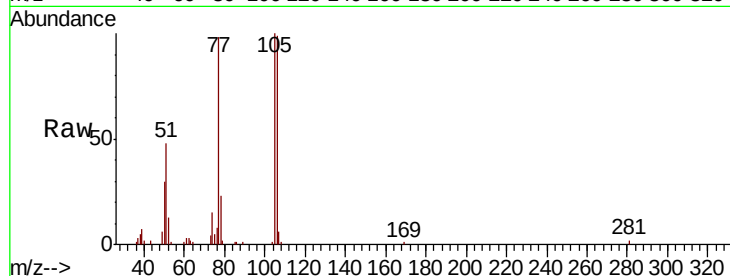
ClientSampleId :

PB124488BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.7	68.6	108.6		
106	100.9	69.9	109.9		

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#10

Phenol

Concen: 48.648 ng

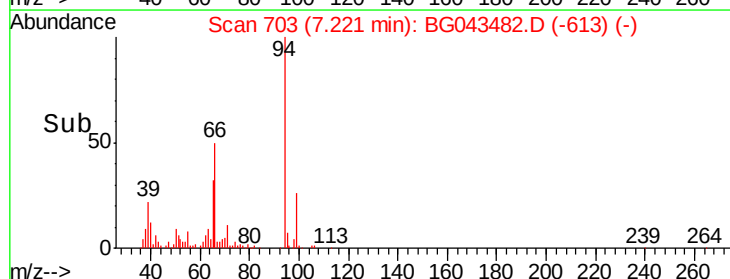
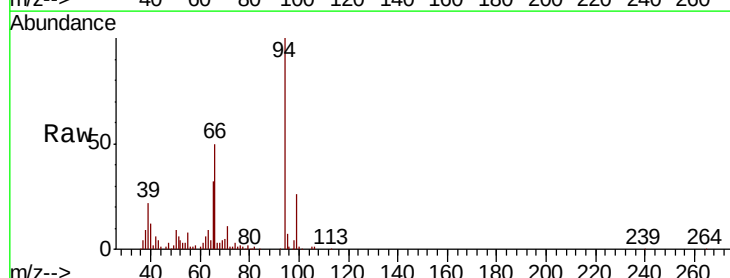
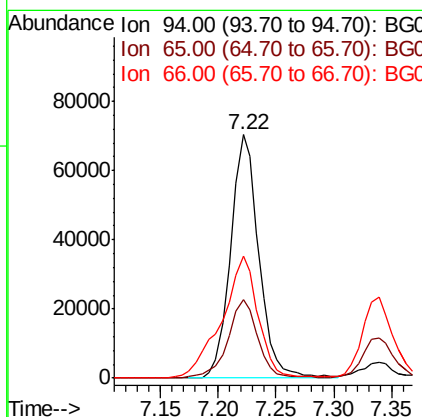
RT: 7.22 min Scan# 703

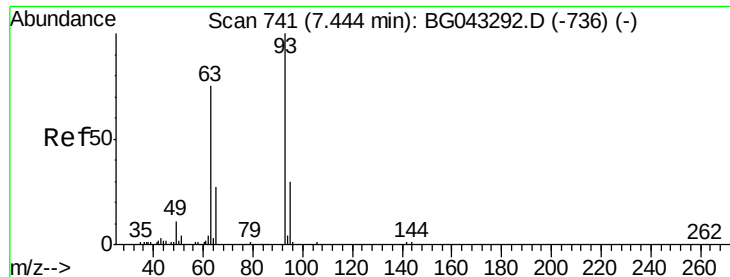
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.2	12.6	52.6		
66	50.0	30.7	70.7		





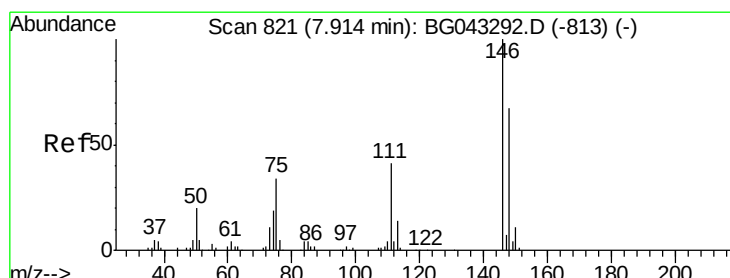
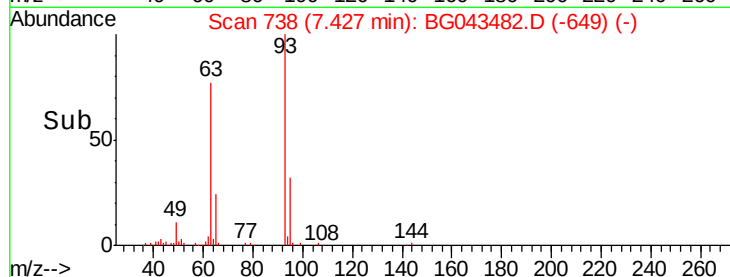
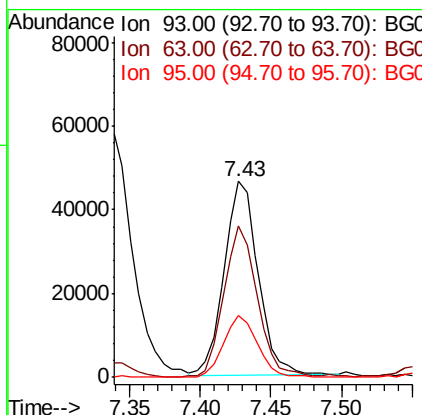
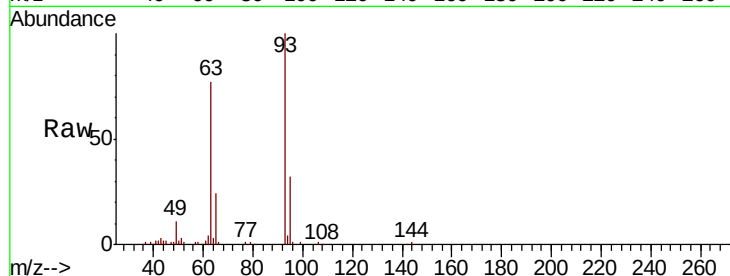
#11
bis(2-Chloroethyl)ether
Concen: 41.342 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion:	93	Resp:	78150
Ion	Ratio	Lower	Upper
93	100		
63	77.4	56.3	96.3
95	31.8	12.2	52.2

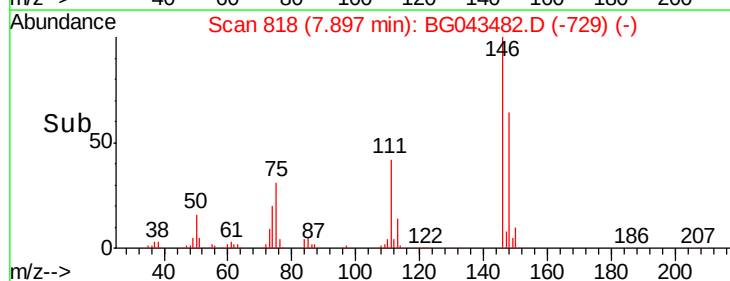
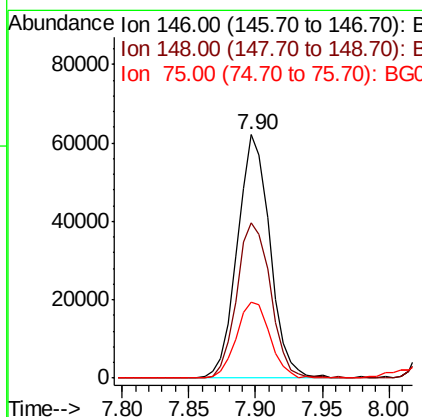
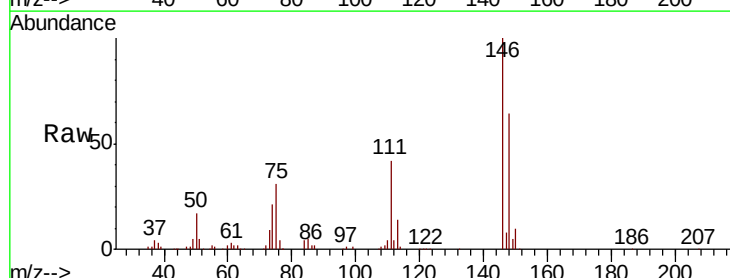
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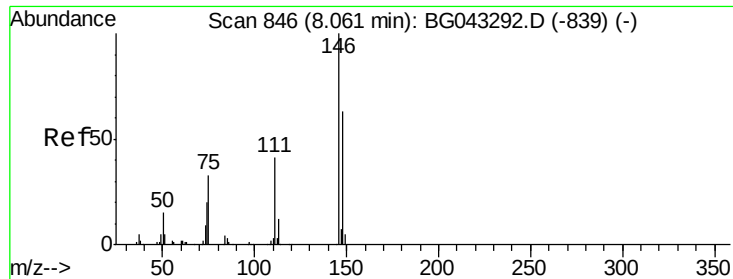
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.757 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:	146	Resp:	104832
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	31.4	24.6	37.0





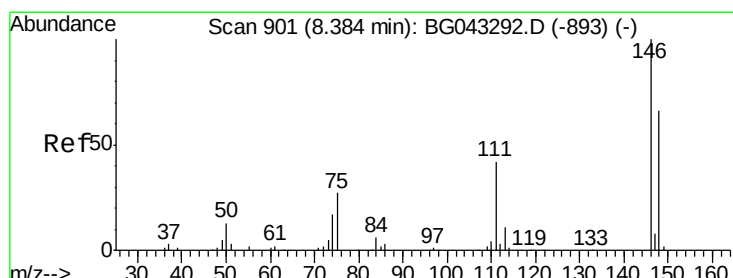
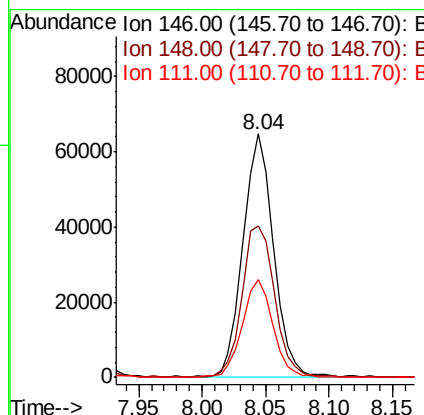
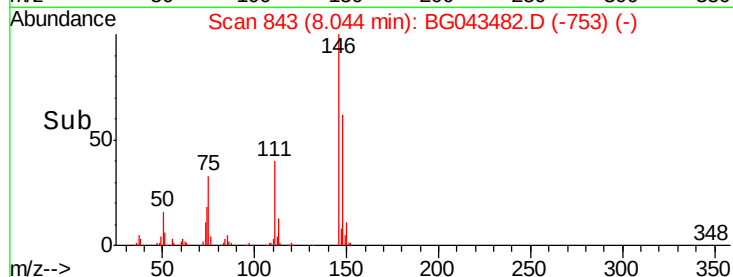
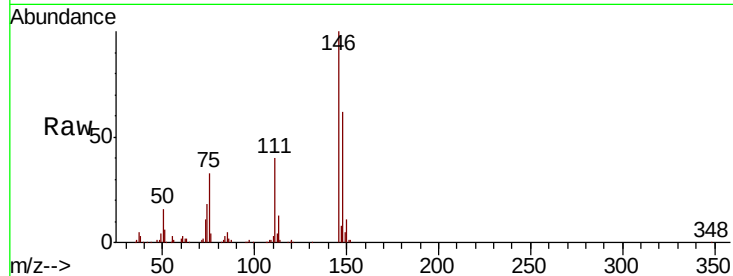
#13
 1,4-Dichlorobenzene
 Concen: 41.326 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.7	76.1
111	40.1	33.4	50.2

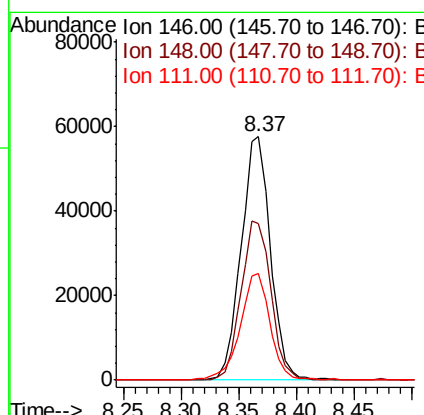
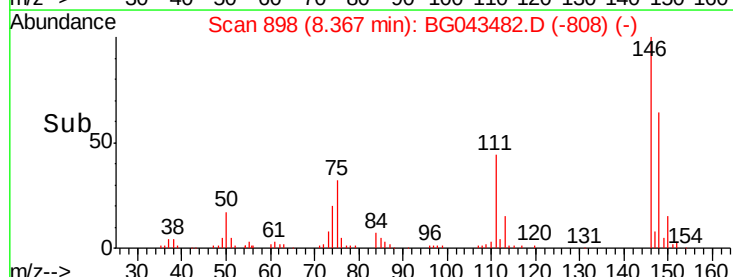
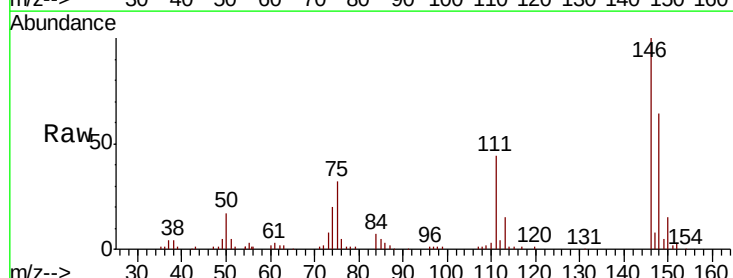
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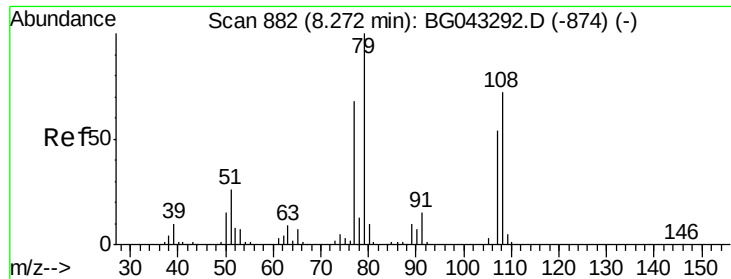
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.933 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.2	79.8
111	43.7	35.8	53.6





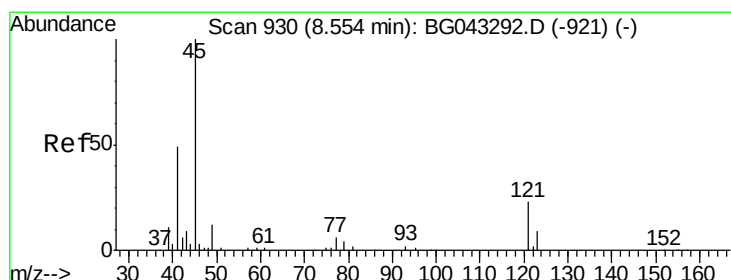
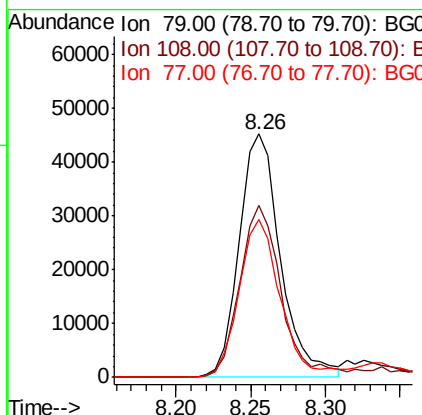
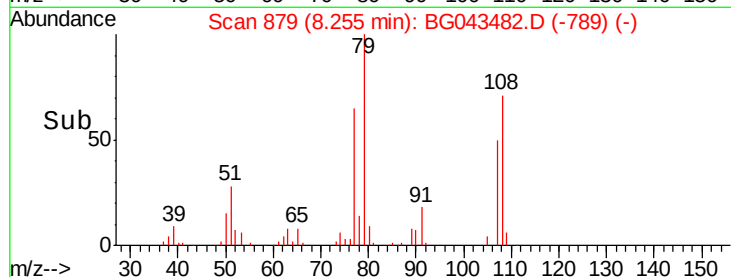
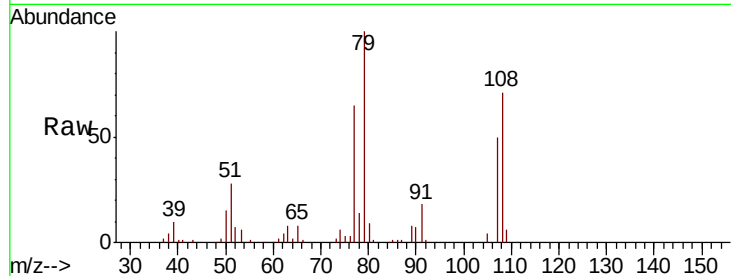
#15
Benzyl Alcohol
Concen: 46.261 ng
RT: 8.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.6	53.6	80.4
77	64.8	49.6	74.4

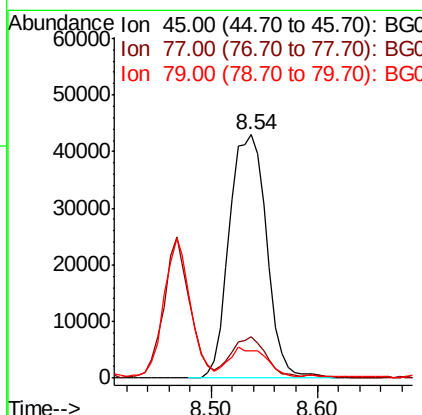
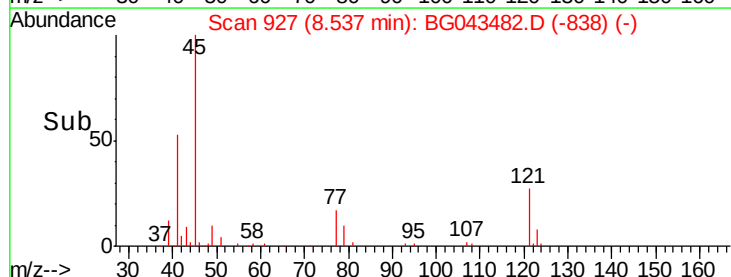
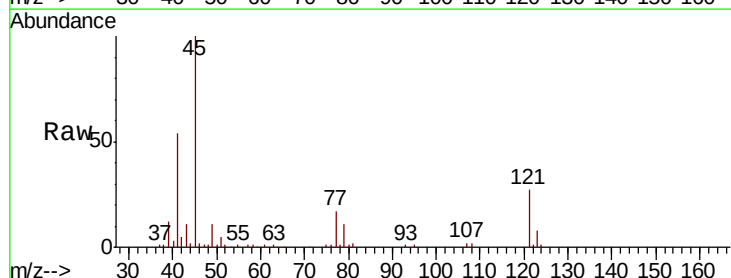
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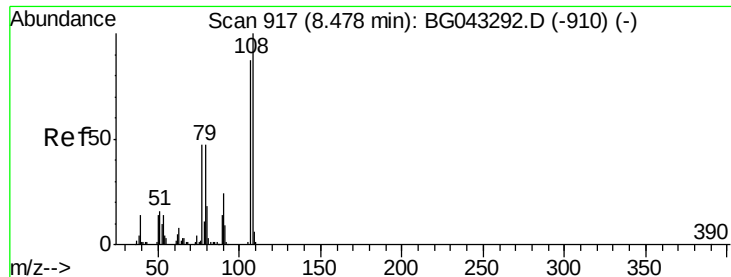
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.233 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	34.9
79	11.1	0.0	33.0





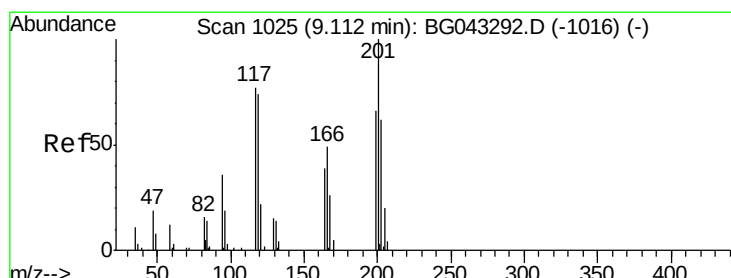
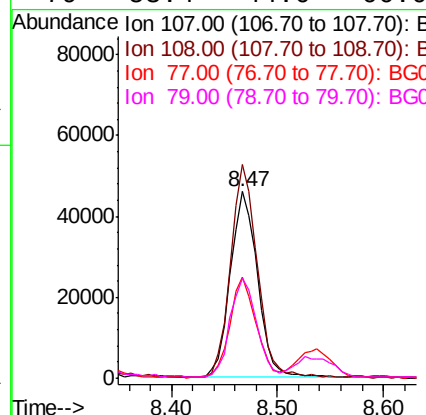
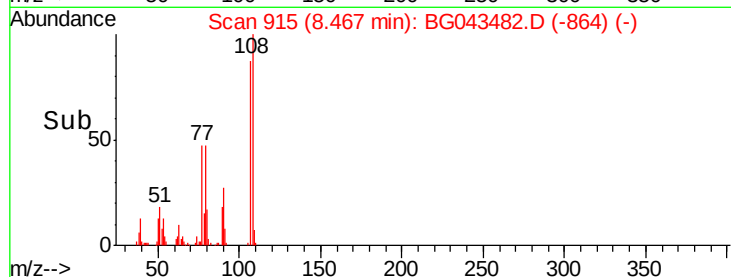
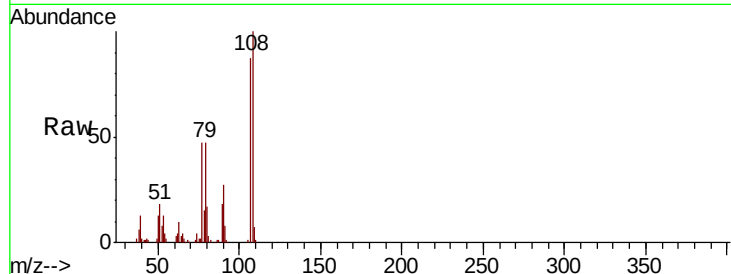
#17
2-Methylphenol
Concen: 46.019 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	90.2	135.4	
77	53.9	40.2	60.2	
79	53.4	44.0	66.0	

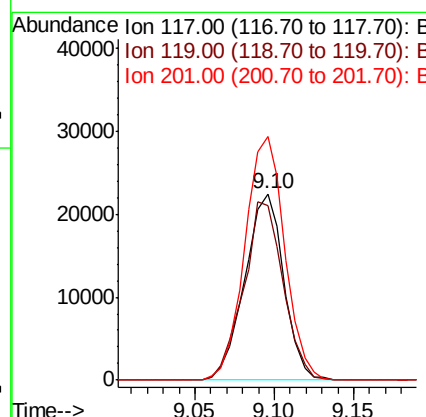
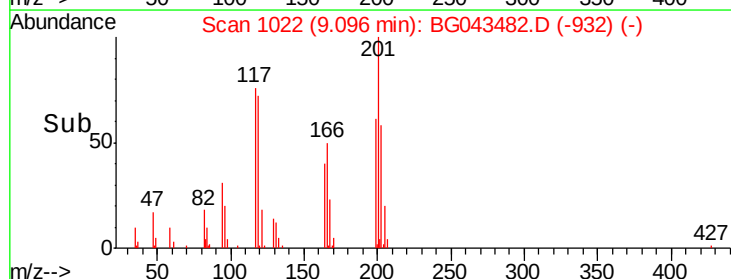
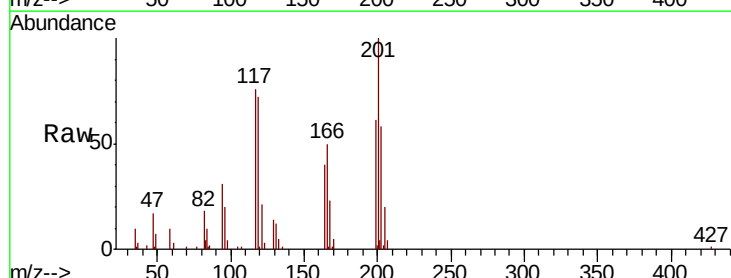
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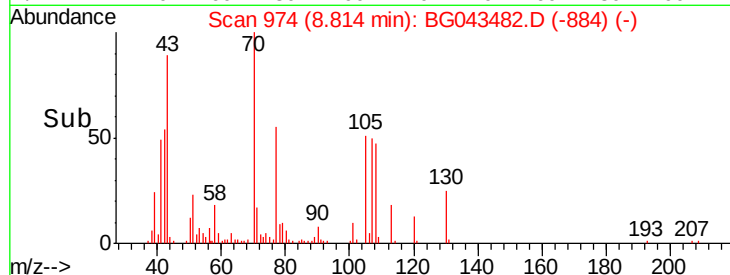
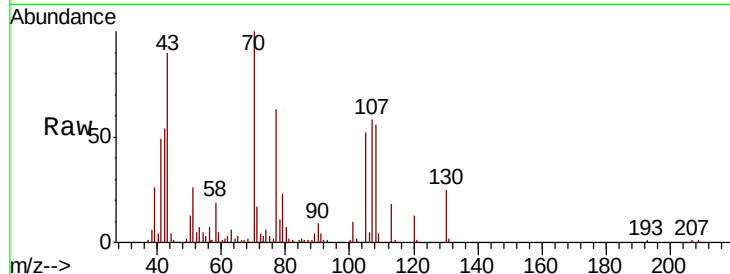
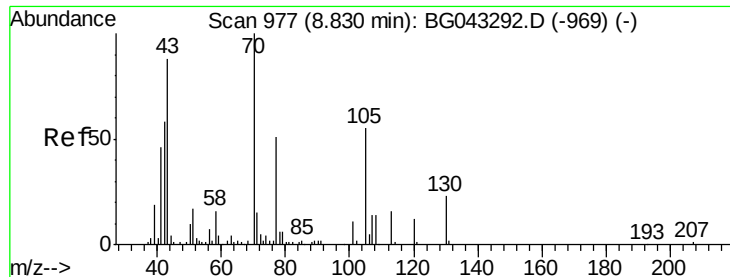
mohammad
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#18
Hexachloroethane
Concen: 40.625 ng
RT: 9.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	79.0	118.4	
201	130.9	105.4	158.2	





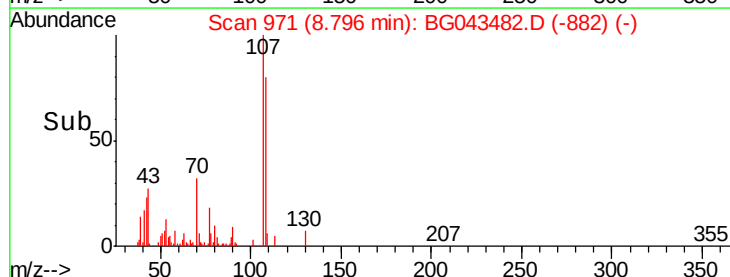
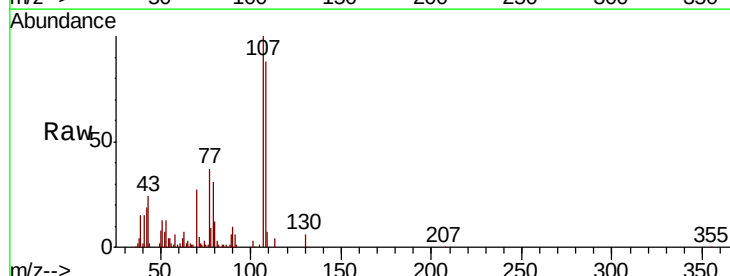
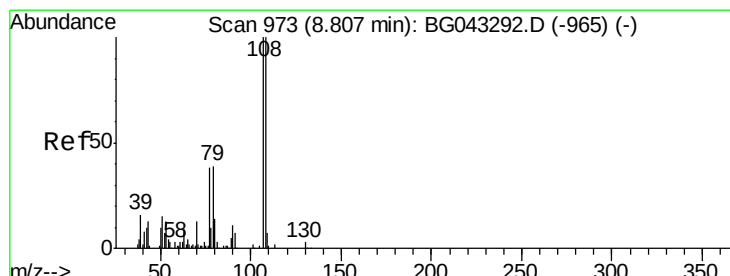
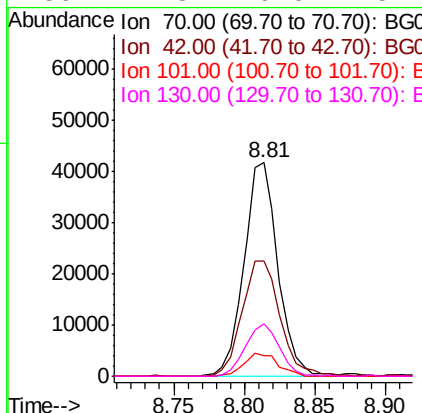
#19
n-Nitroso-di-n-propylamine
Concen: 40.472 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	41.4	62.2	
101	9.6	7.9	11.9	
130	24.8	19.0	28.4	

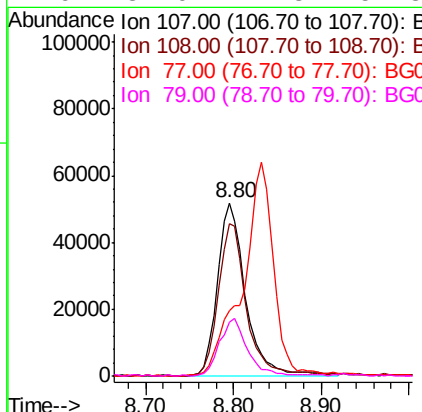
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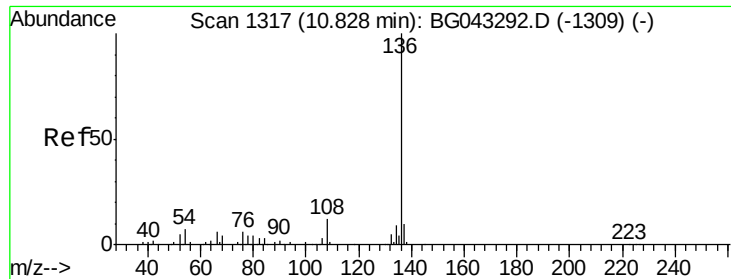
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#20
3+4-Methylphenols
Concen: 47.086 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	66.6	106.6	
77	37.4	20.9	60.9	
79	31.0	11.3	51.3	





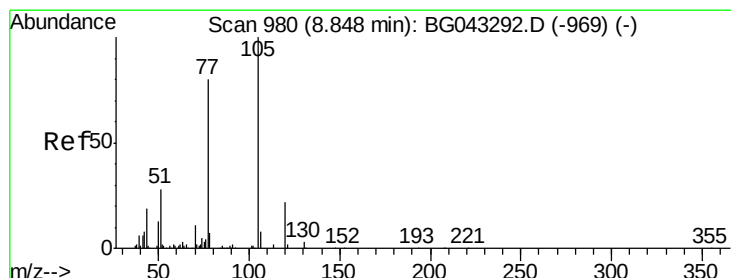
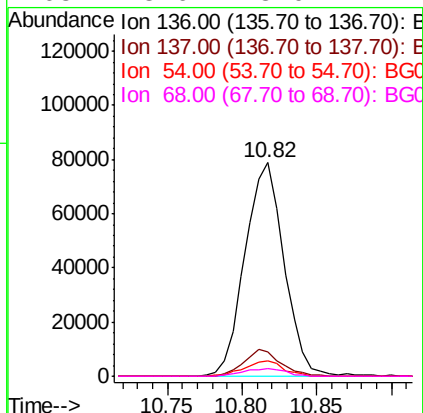
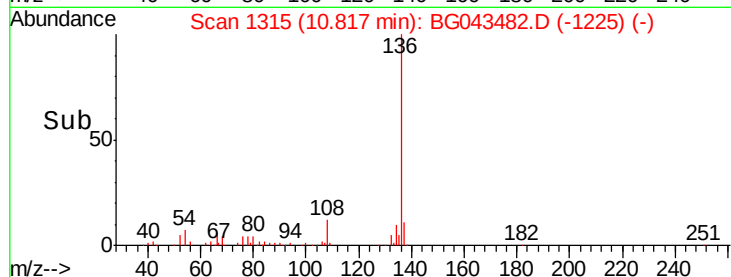
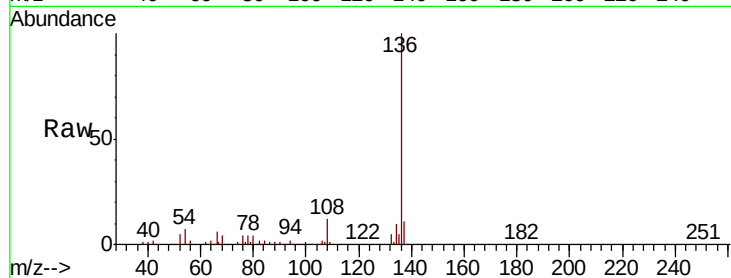
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	7.2	5.4	8.2	
68	3.6	3.0	4.4	

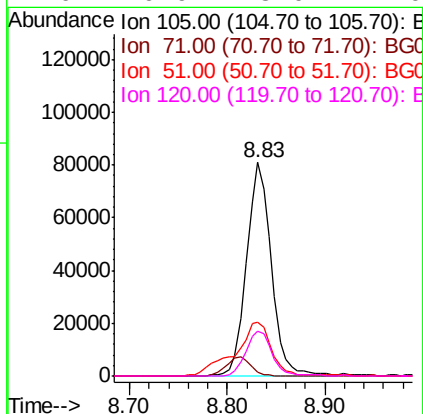
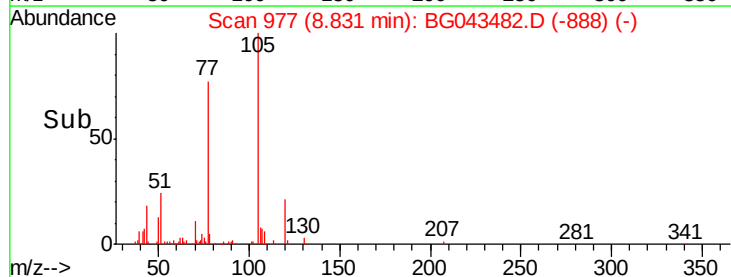
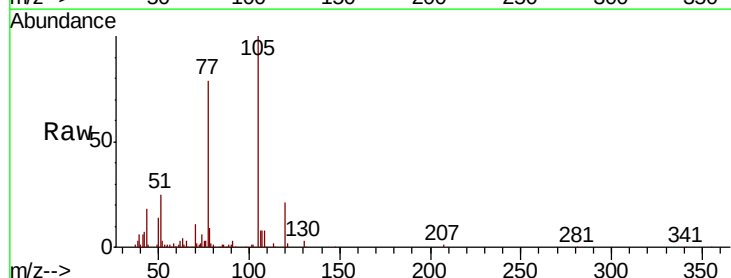
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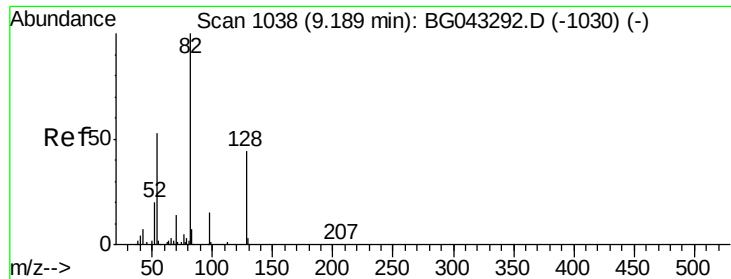
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#22
Acetophenone
Concen: 39.498 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	0.8	1.2#	
51	25.0	21.0	31.4	
120	20.9	18.0	27.0	





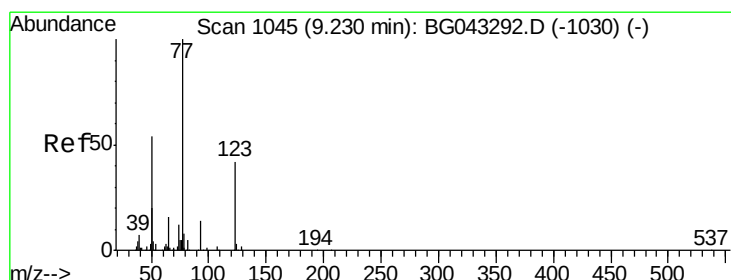
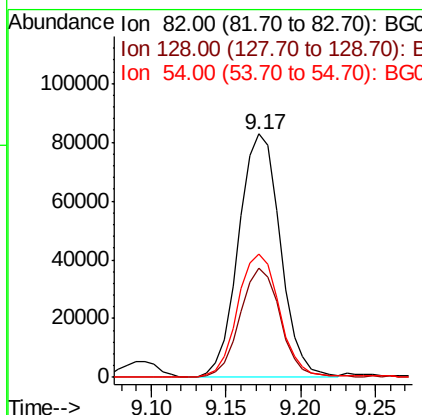
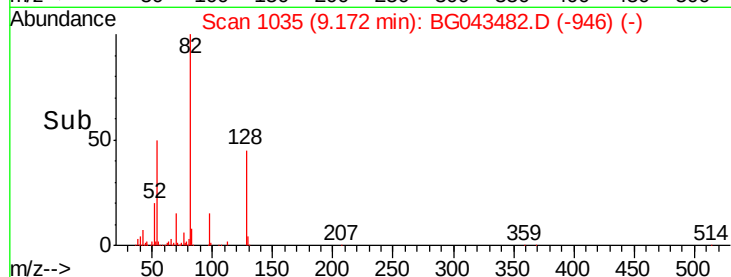
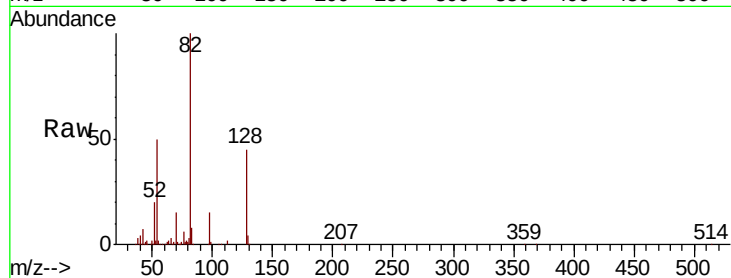
#23
 Nitrobenzene-d5
 Concen: 57.476 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleID :
 PB124488BSD

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

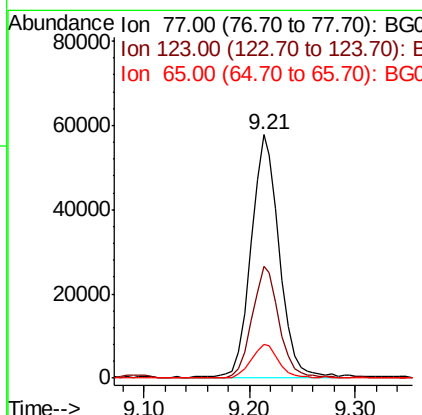
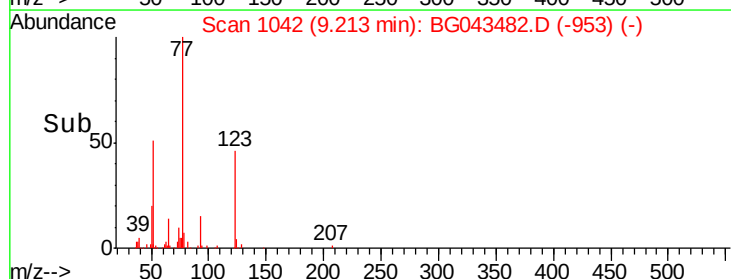
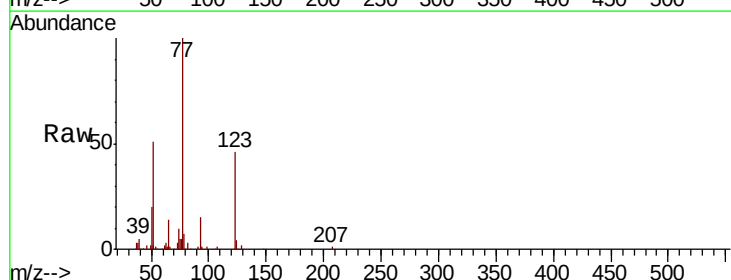
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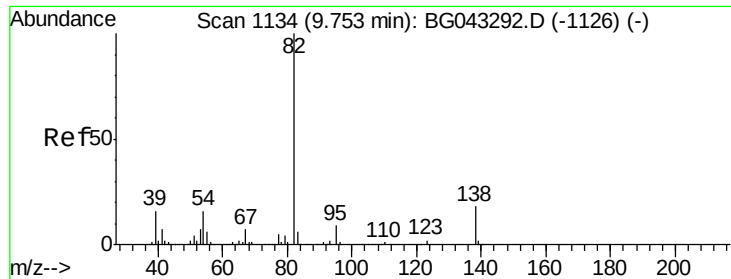
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#24
 Nitrobenzene
 Concen: 40.853 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.0	52.6
65	13.7	9.5	14.3





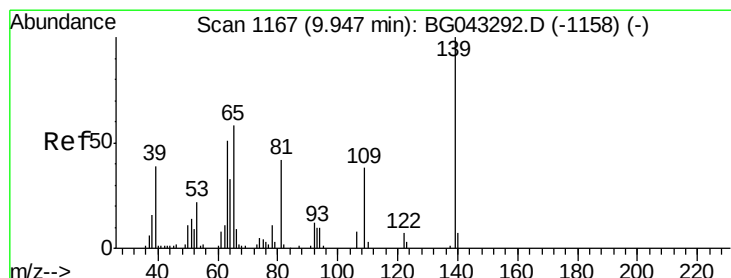
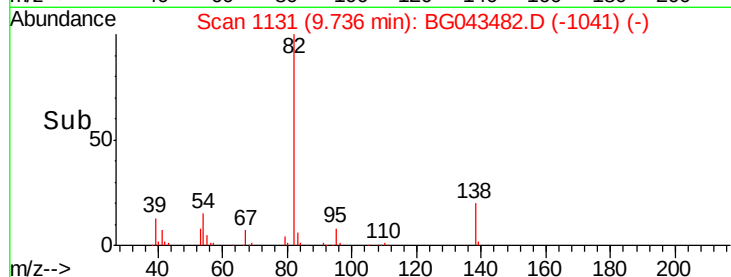
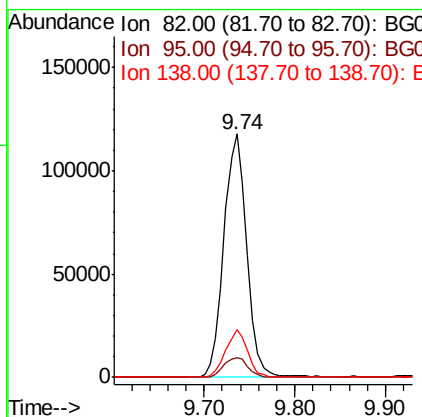
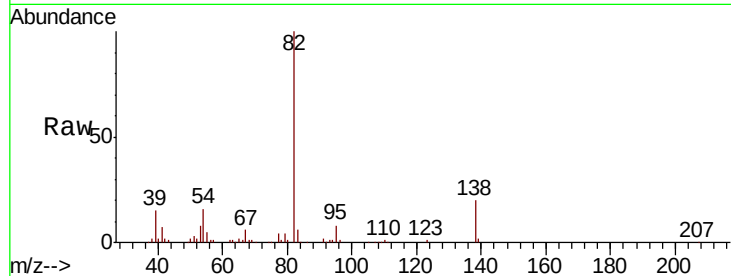
#25
Isophorone
Concen: 40.793 ng
RT: 9.74 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	206684		
95	8.3		6.6	9.8
138	19.7		15.2	22.8

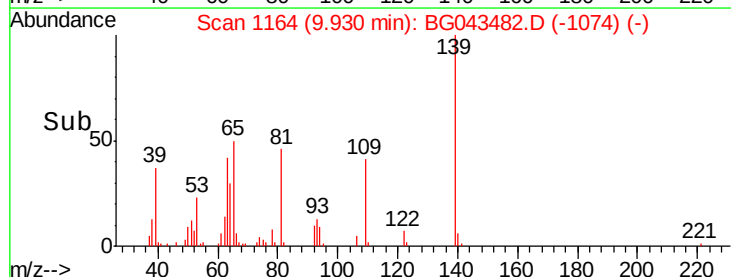
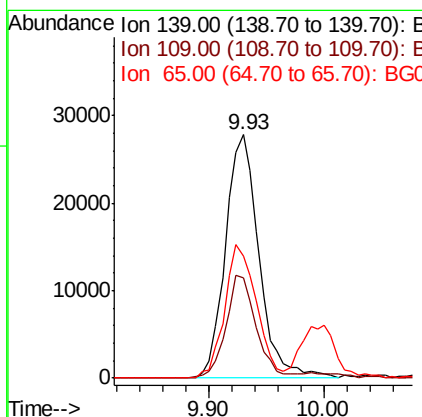
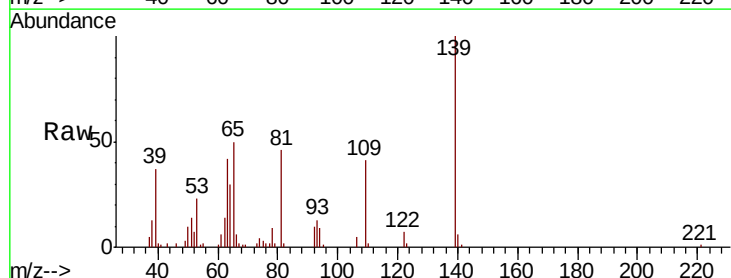
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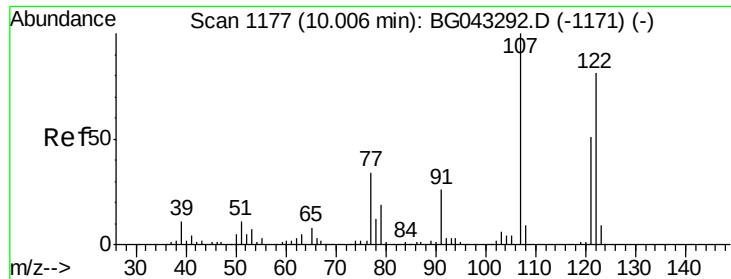
mohammad
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#26
2-Nitrophenol
Concen: 43.713 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55714		
109	41.3		26.5	39.7#
65	50.4		43.8	65.8





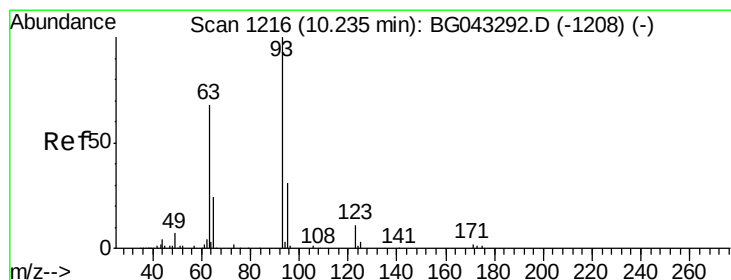
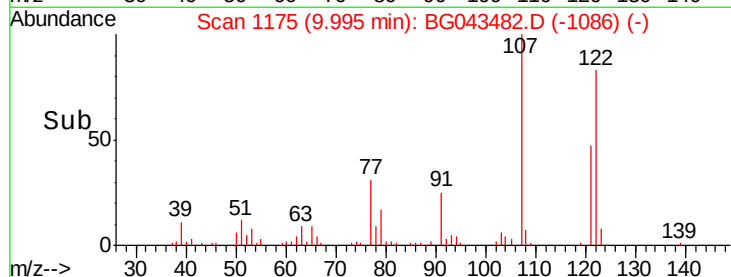
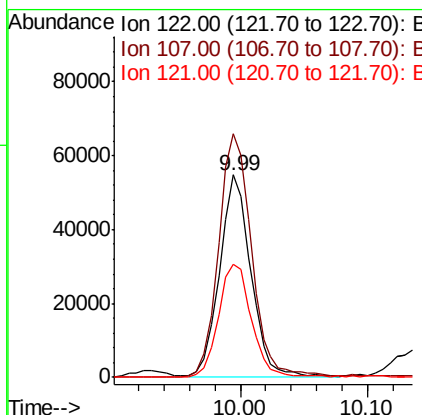
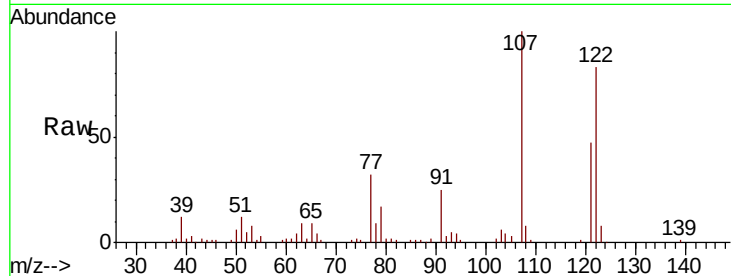
#27
2,4-Dimethylphenol
Concen: 50.539 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	120.4	104.4	156.6		
121	56.1	47.2	70.8		

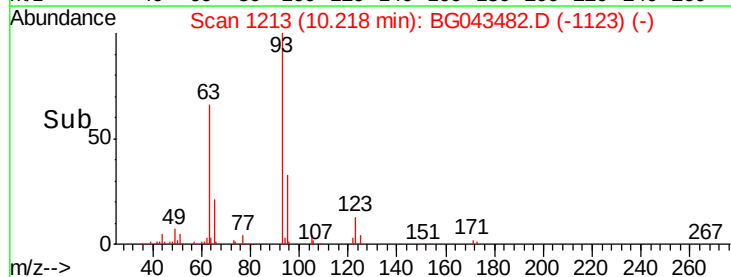
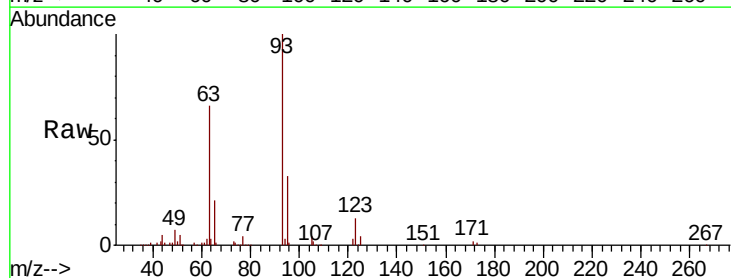
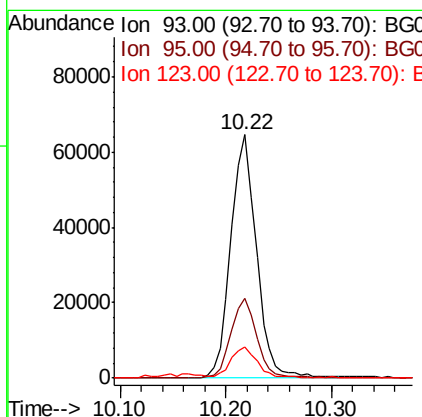
Manual Integrations
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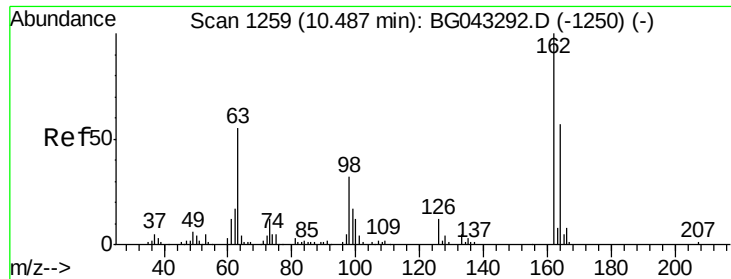
mohammad
11/5/2019 10:41:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.909 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.0	39.0		
123	12.5	10.6	15.8		





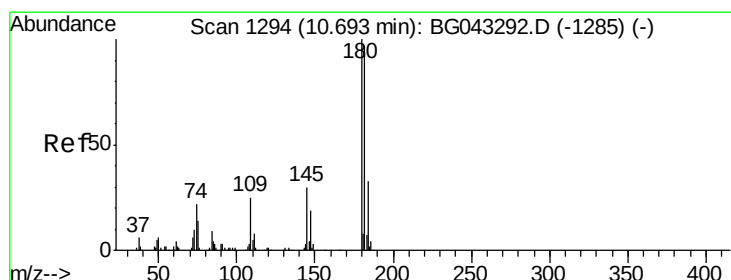
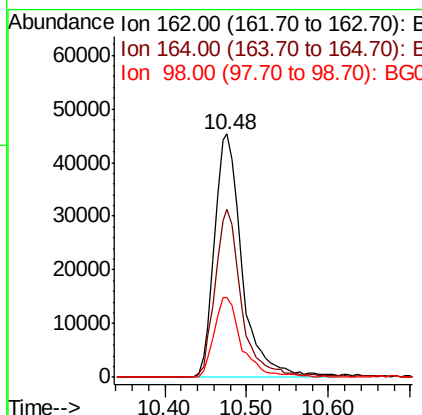
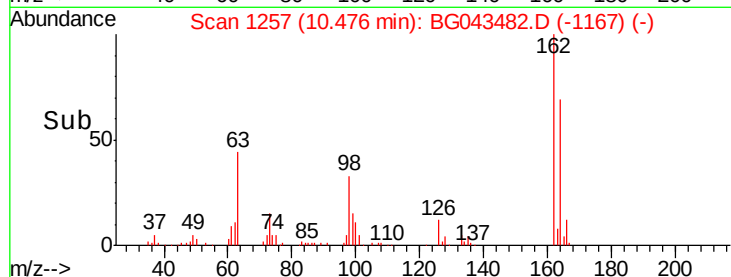
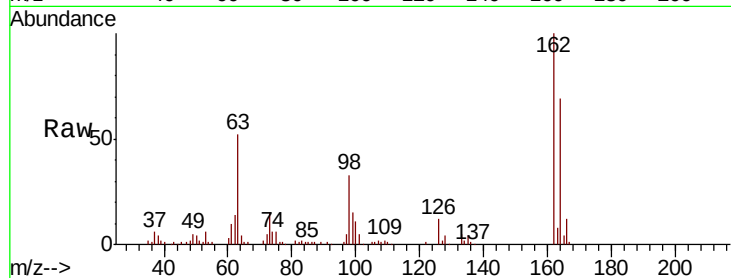
#29
2,4-Dichlorophenol
Concen: 45.606 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	106744		
164	69.0	48.9	88.9	
98	32.6	15.1	55.1	

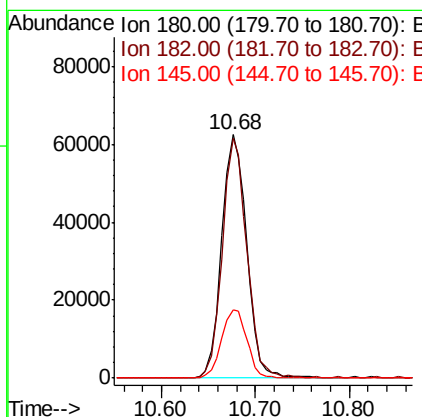
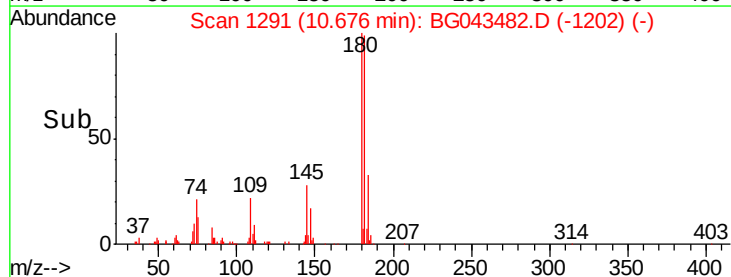
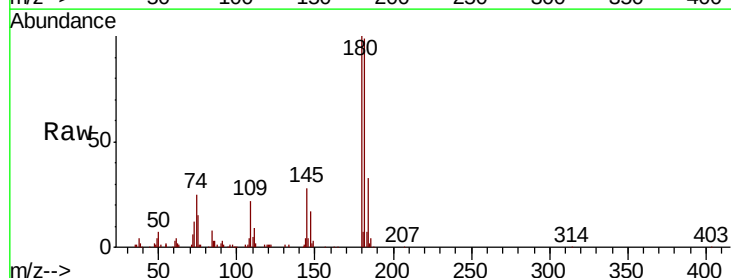
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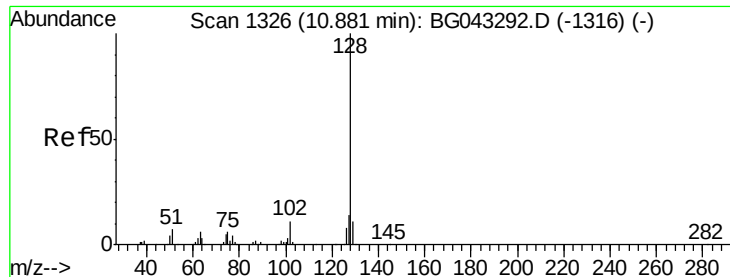
mohammad
11/5/2019 10:41:01 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.311 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115966		
182	98.7	75.1	112.7	
145	27.9	23.9	35.9	





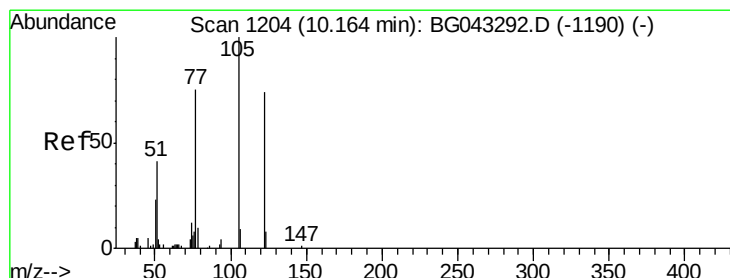
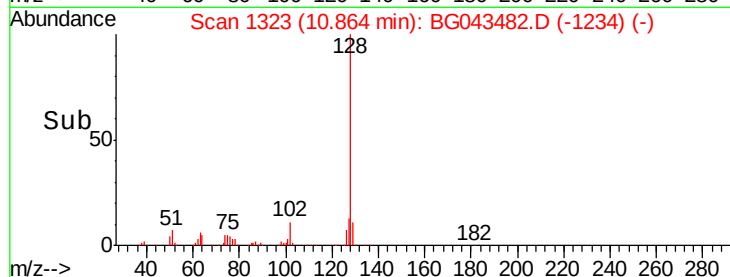
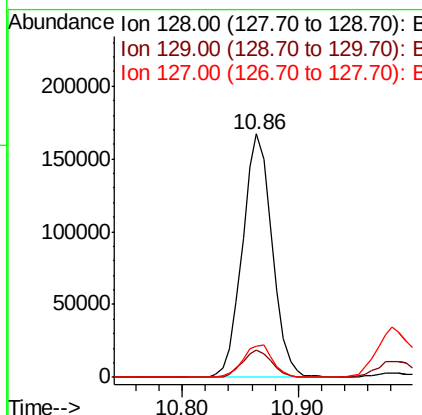
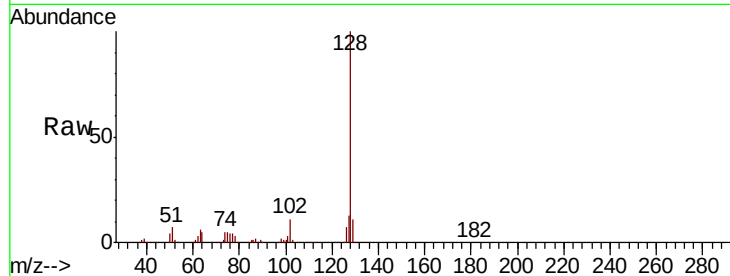
#31
Naphthalene
Concen: 41.183 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	298665		
129	11.4		9.4	14.0
127	12.8		11.1	16.7

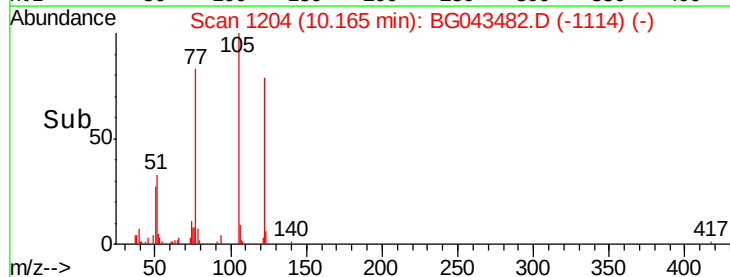
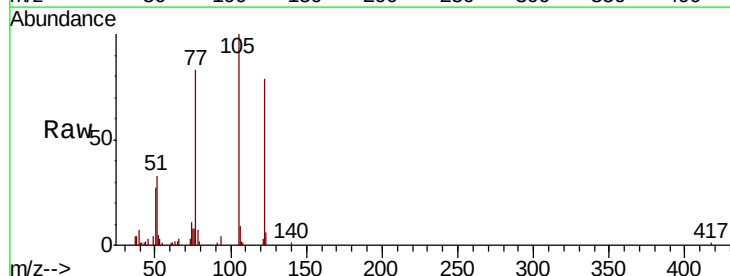
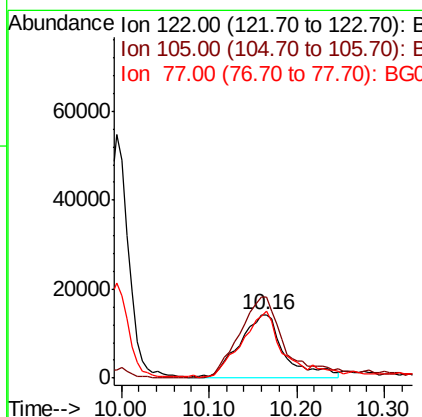
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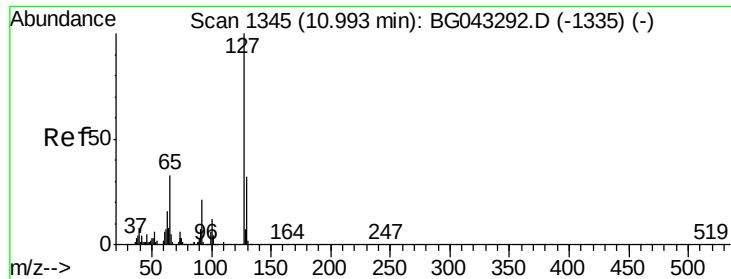
mohammad
11/5/2019 10:41:01 AM



#32
Benzoic acid
Concen: 37.280 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	48526		
105	127.0		103.3	143.3
77	104.8		84.9	124.9





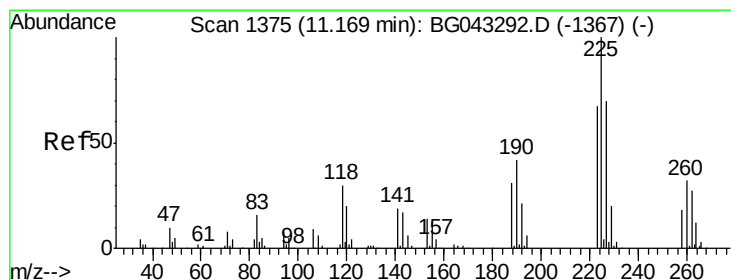
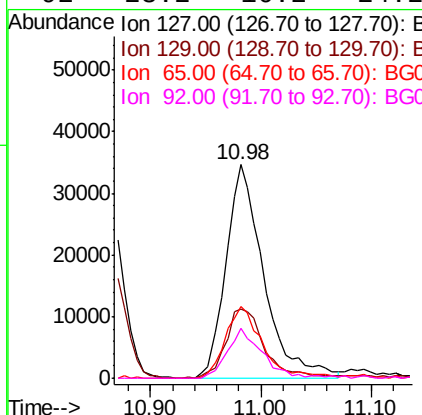
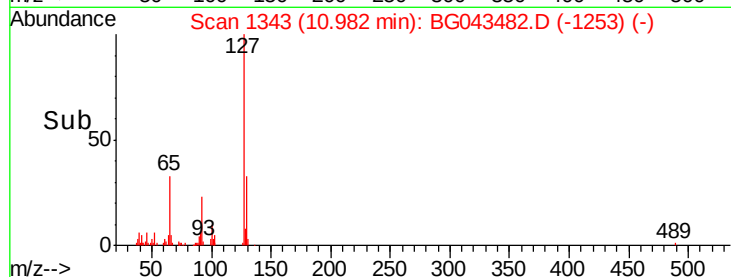
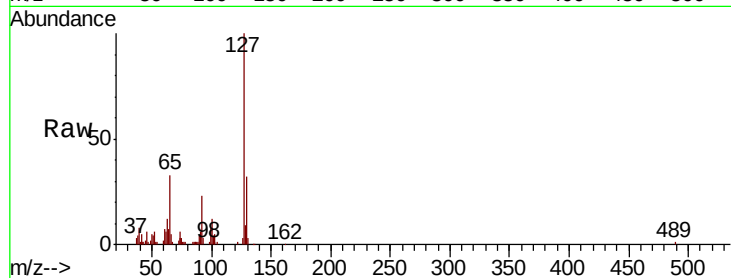
#33
4-Chloroaniline
Concen: 27.889 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	33.3	26.4	39.6
92	23.2	16.2	24.2

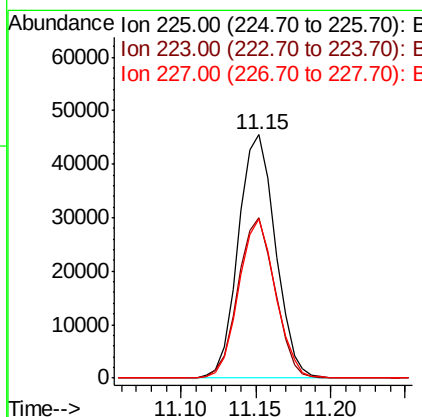
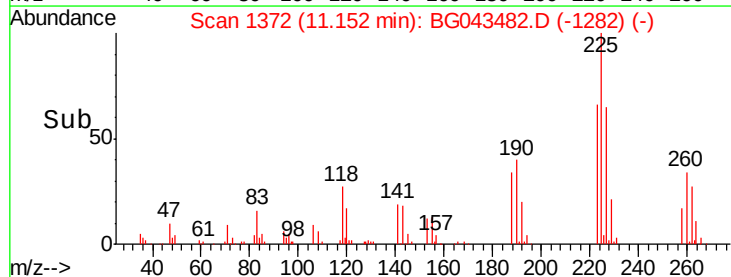
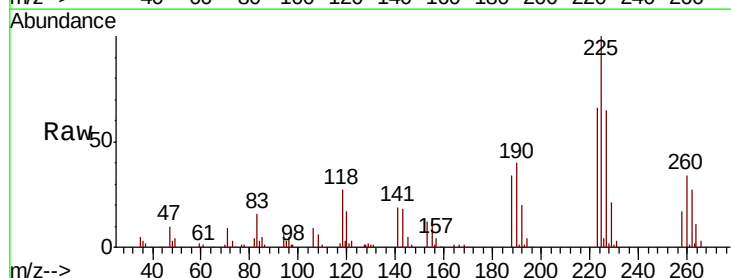
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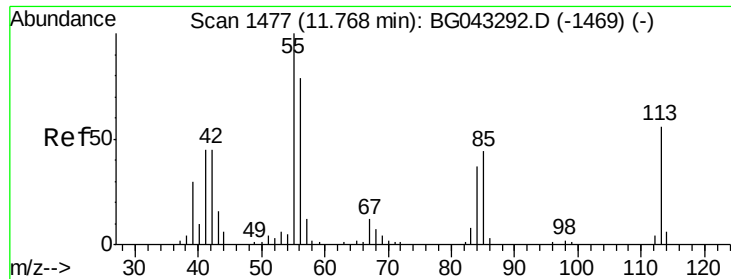
mohammad
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#34
Hexachlorobutadiene
Concen: 36.019 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.7	79.1
227	65.4	54.8	82.2





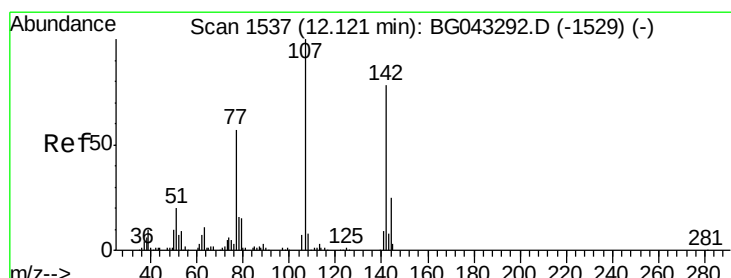
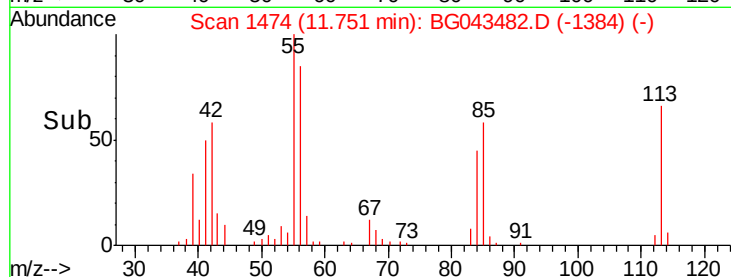
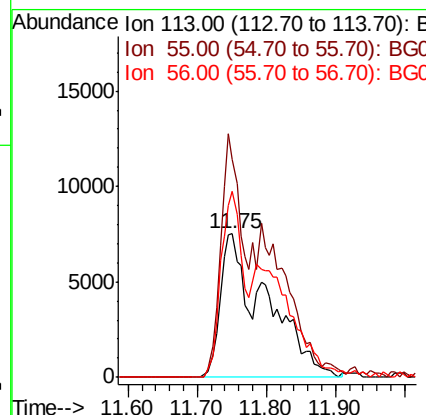
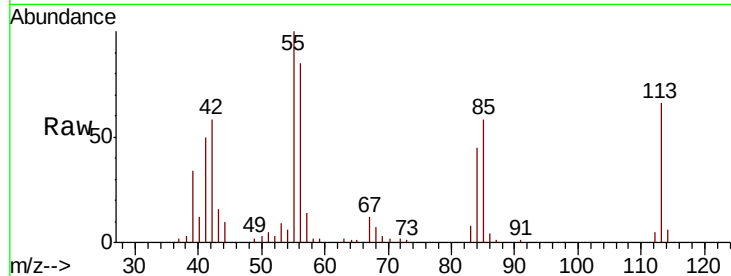
#35
 Caprolactam
 Concen: 42.961 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.7	134.1	174.1	
56	129.6	100.4	140.4	

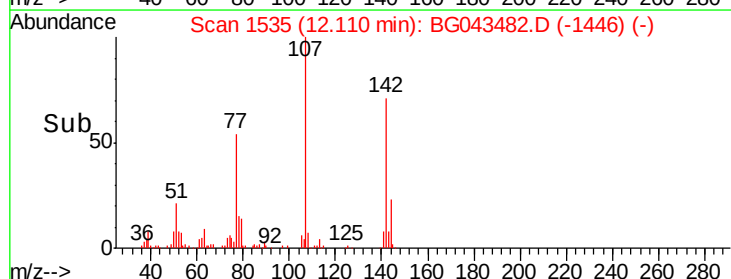
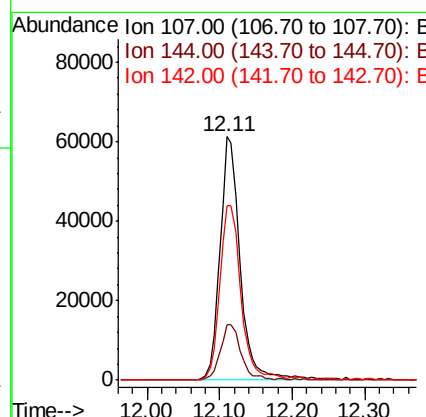
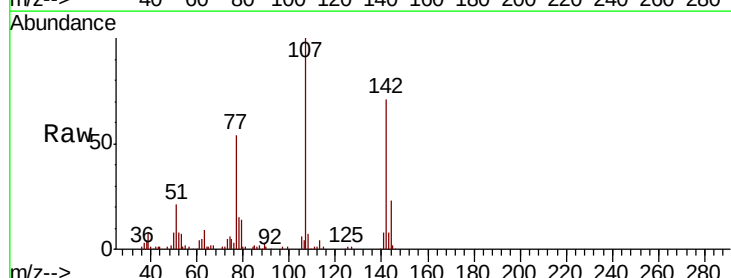
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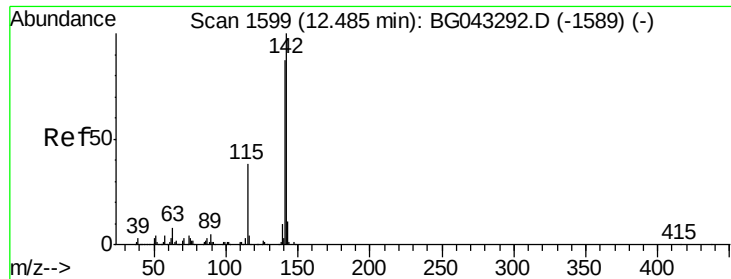
mohammad
 11/5/2019 10:41:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 46.527 ng/ml
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.8	20.9	31.3	
142	71.4	59.6	89.4	





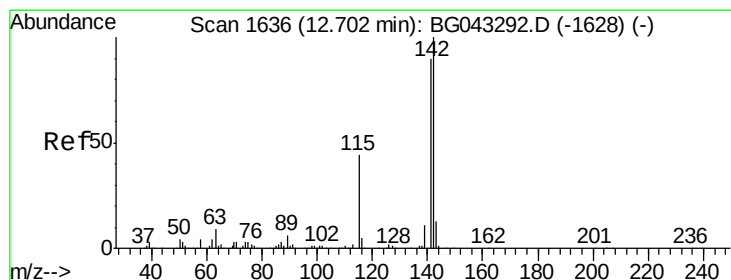
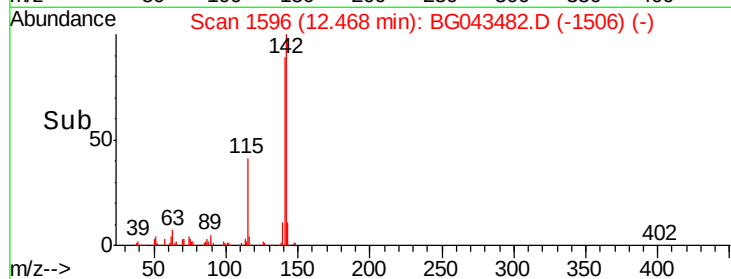
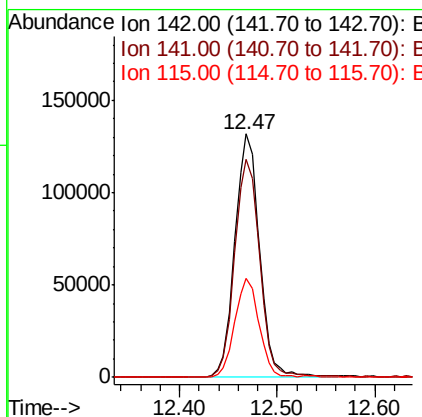
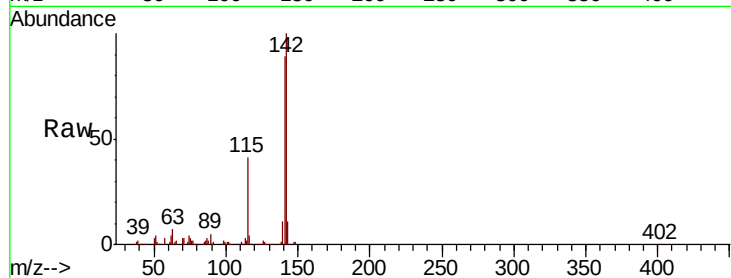
#37
 2-Methylnaphthalene
 Concen: 41.771 ng
 RT: 12.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2
115	40.8	33.2	49.8

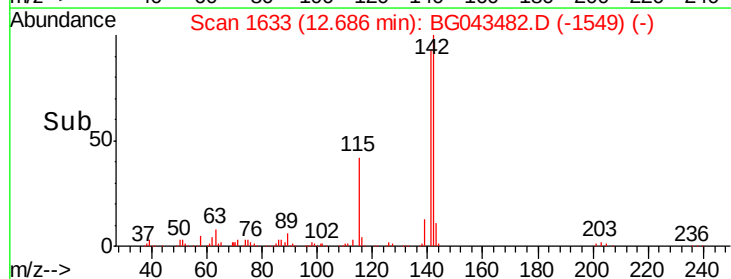
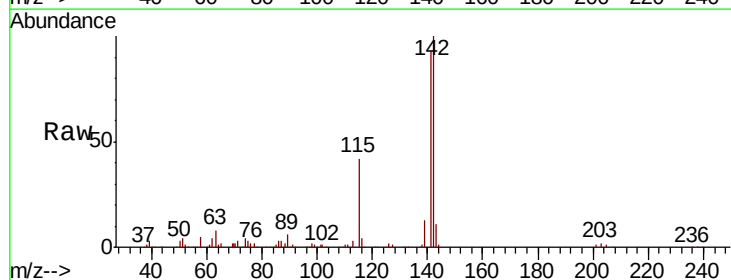
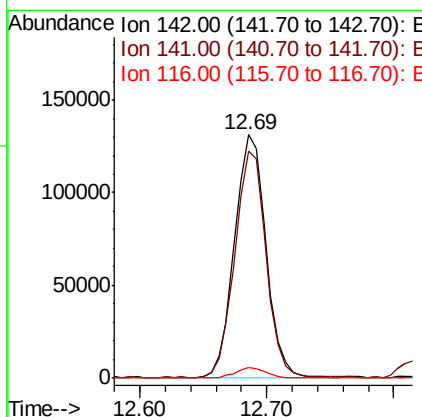
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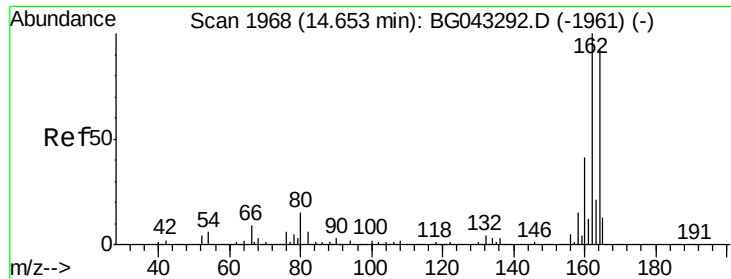
mohammad
 11/5/2019 10:41:01 AM



#38
 1-Methylnaphthalene
 Concen: 42.374 ng
 RT: 12.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.2	109.8
116	4.5	3.6	5.4





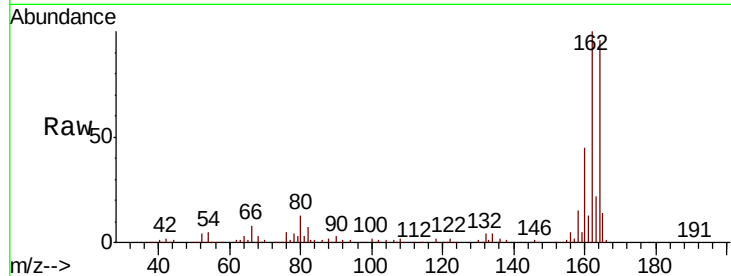
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	83.5	125.3	
160	47.0	36.5	54.7	

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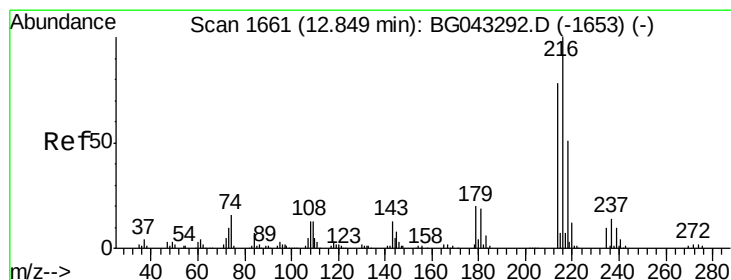
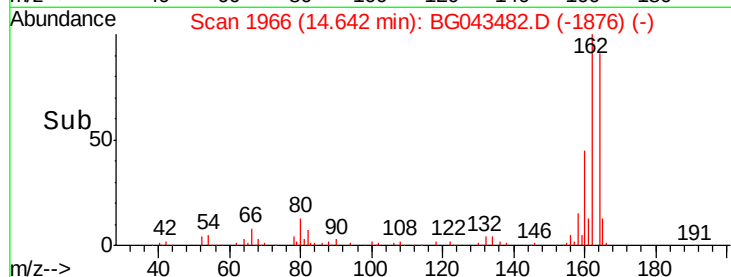
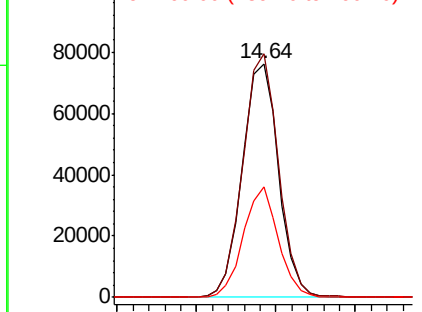


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.913 ng
RT: 12.84 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.2	61.7	92.5	
179	19.2	15.8	23.8	
108	15.1	11.5	17.3	

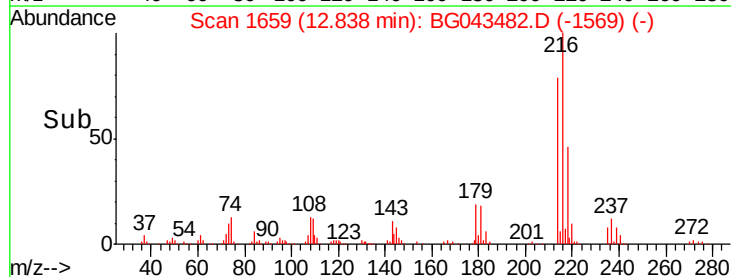
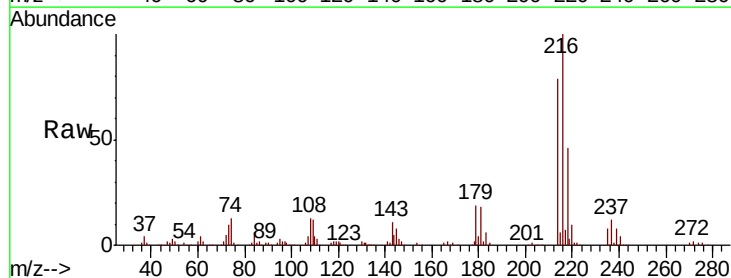
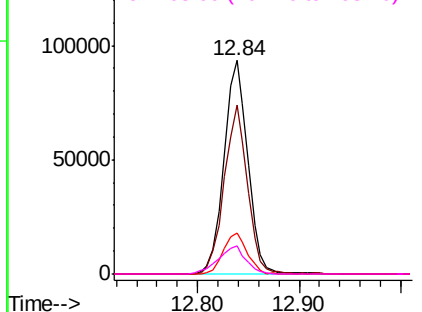
Abundance

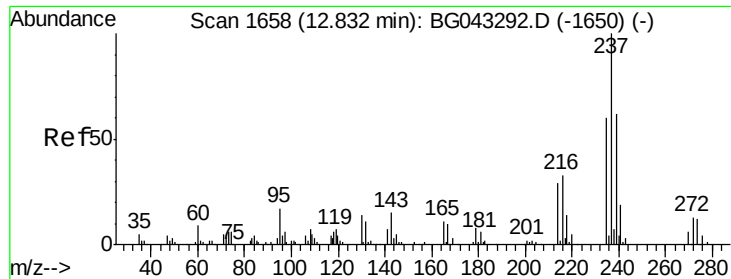
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





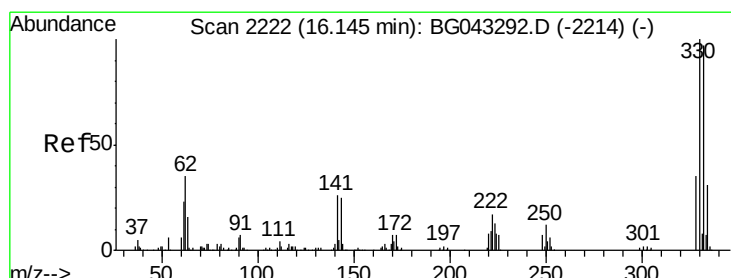
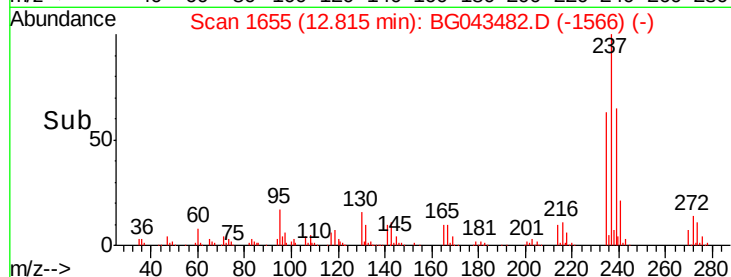
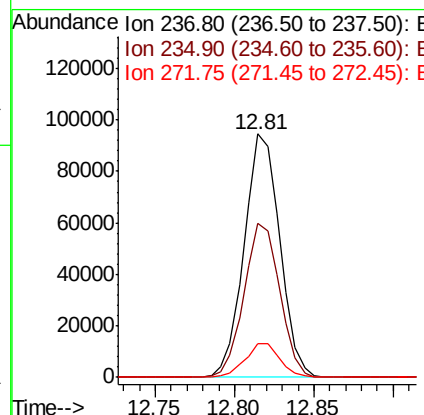
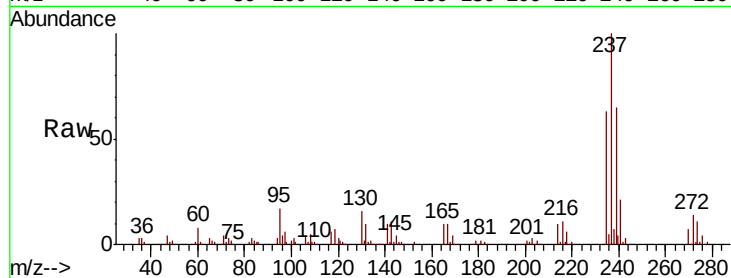
#41
Hexachlorocyclopentadiene
Concen: 62.823 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	147933		
235	63.0	41.6	81.6	
272	13.9	0.0	32.5	

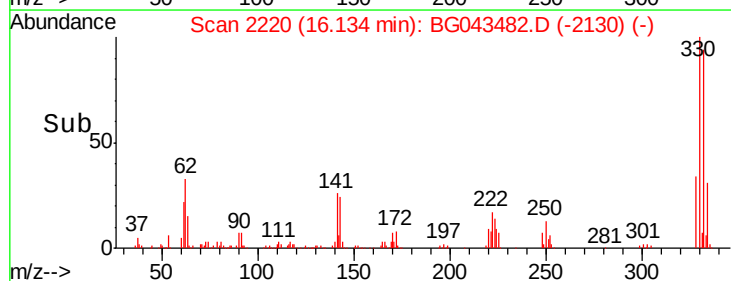
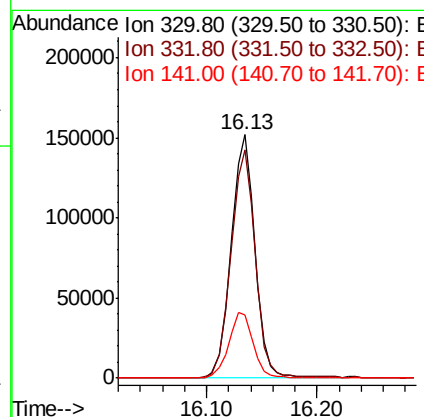
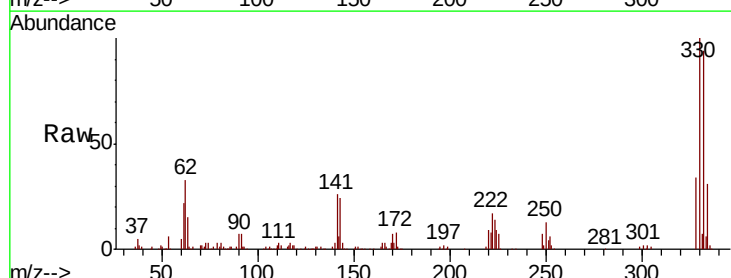
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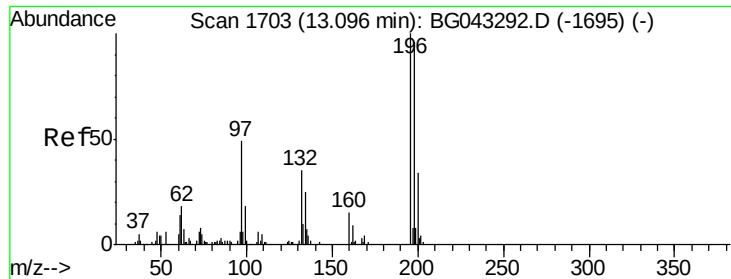
mohammad
11/5/2019 10:41:01 AM



#42
2,4,6-Tribromophenol
Concen: 99.891 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230250		
332	95.9	77.4	116.0	
141	27.6	22.8	34.2	





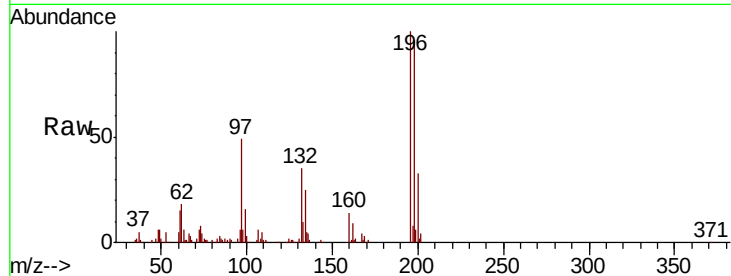
#43
2,4,6-Trichlorophenol
Concen: 37.730 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99602		
198	95.9		75.8	113.6
200	33.0		23.9	35.9

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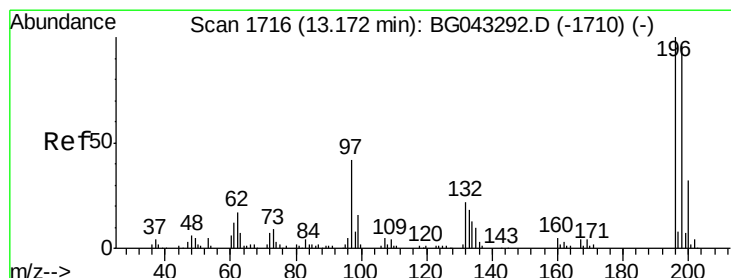
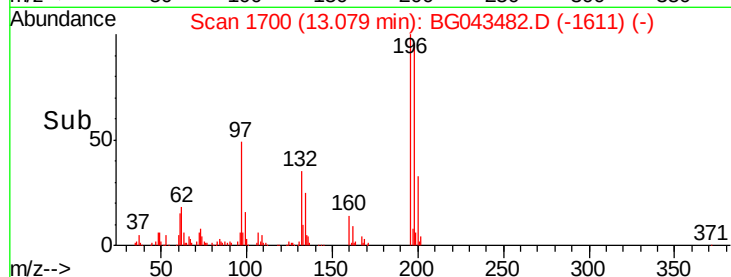
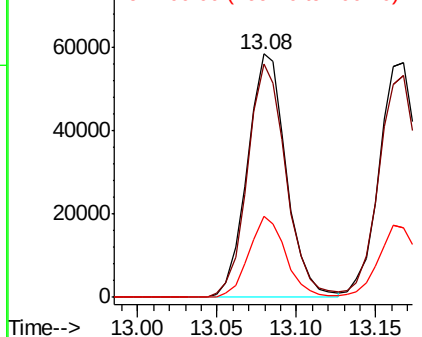


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 39.583 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105641		
198	94.7		74.5	111.7
97	39.1		36.3	54.5
132	21.0		17.4	26.2

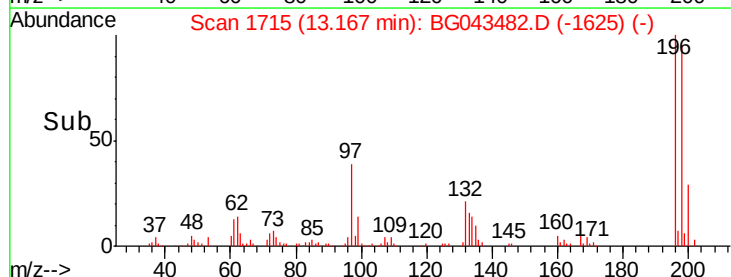
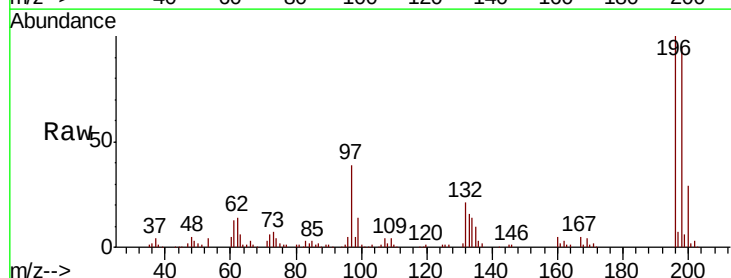
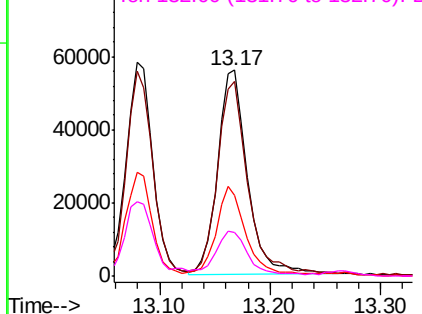
Abundance

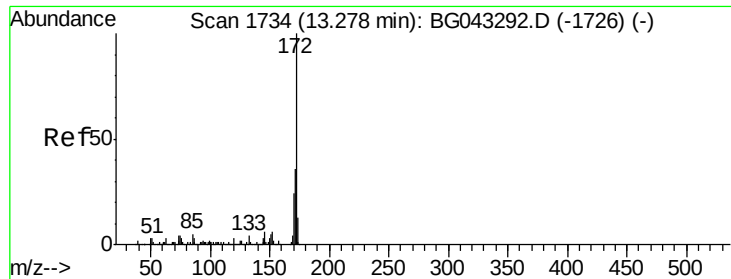
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





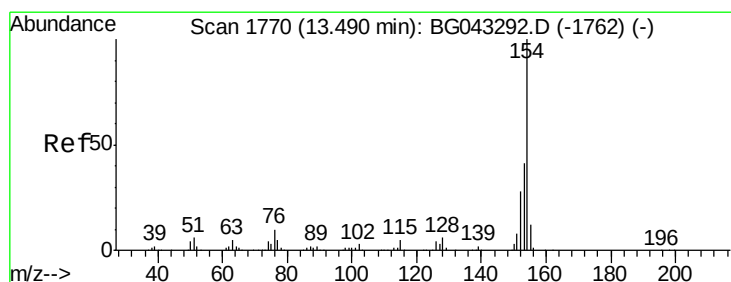
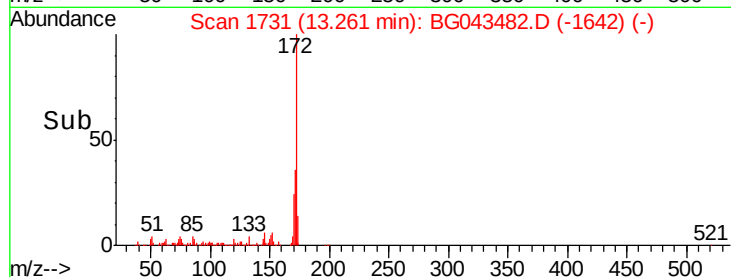
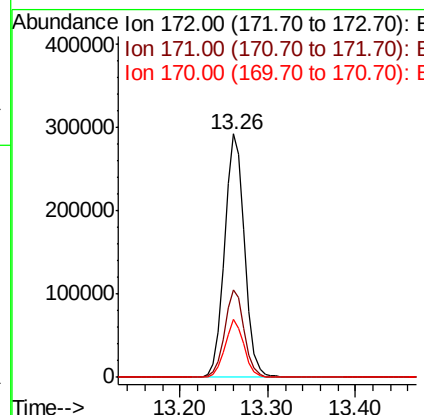
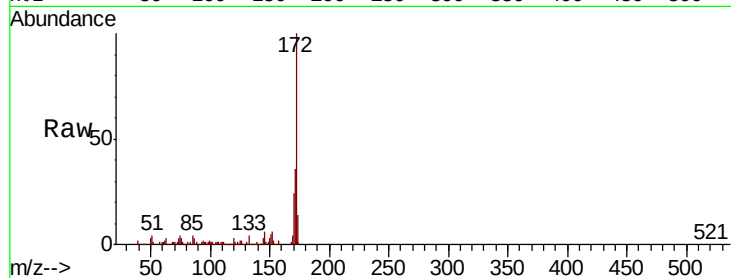
#45
2-Fluorobiphenyl
Concen: 52.611 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	18.5	27.7

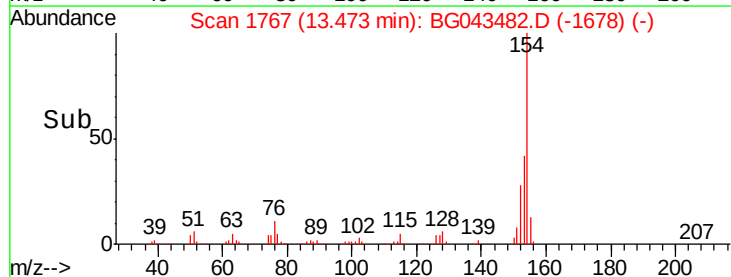
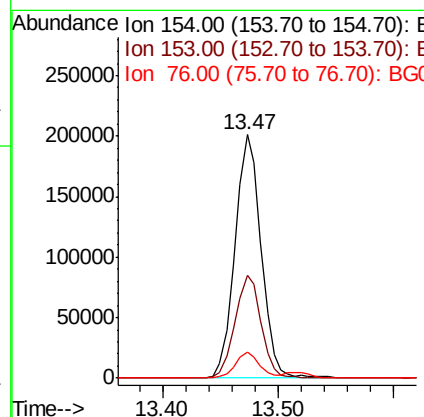
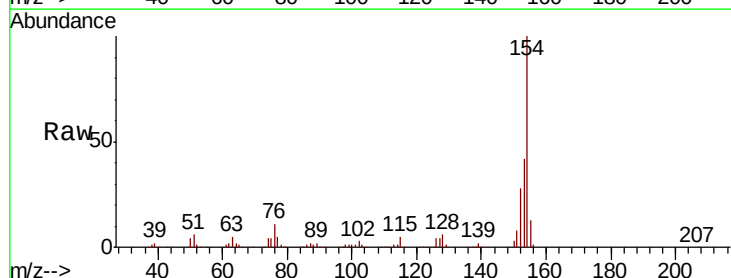
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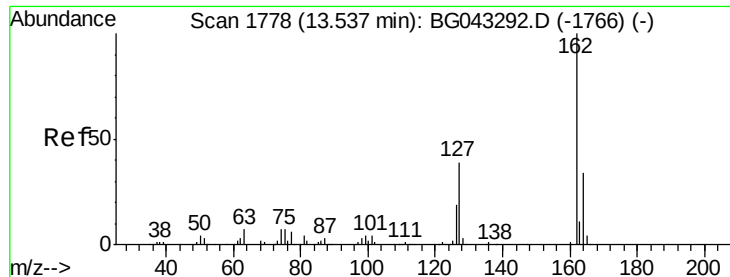
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#46
1,1'-Biphenyl
Concen: 34.065 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.9	59.9
76	10.7	0.0	29.4





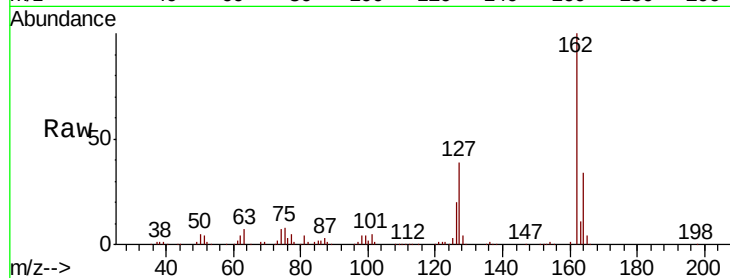
#47
2-Chloronaphthalene
Concen: 35.209 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.5	25.8	38.8

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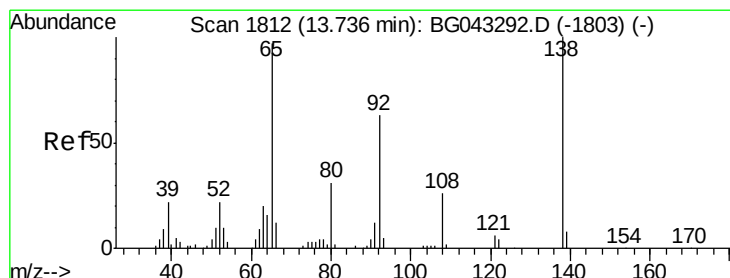
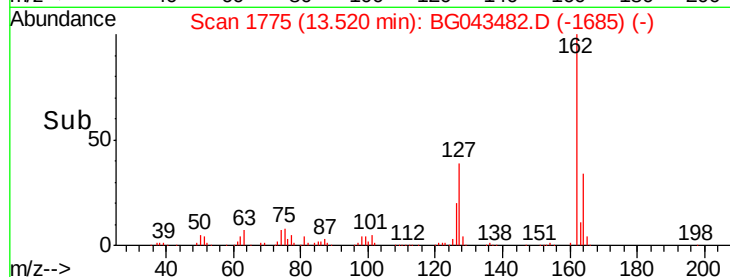
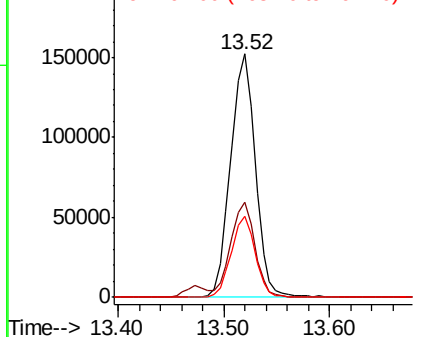


Abundance

Ion 162.00 (161.70 to 162.70): E

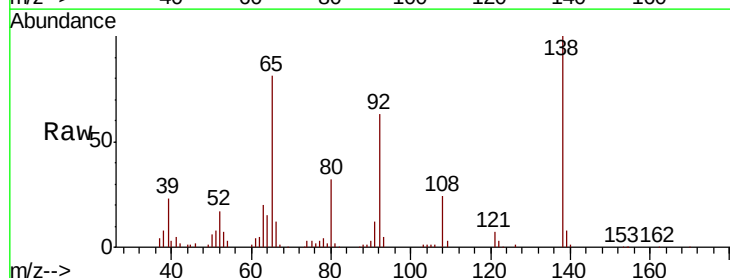
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 35.192 ng
RT: 13.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.2	56.2	84.2
138	123.4	82.6	123.8

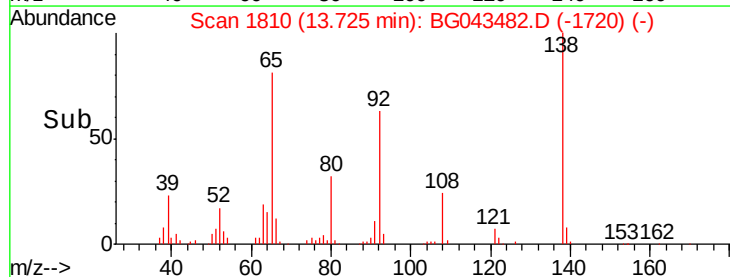
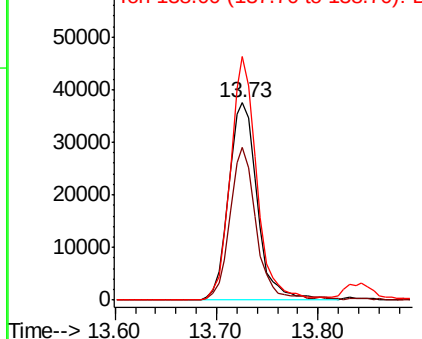


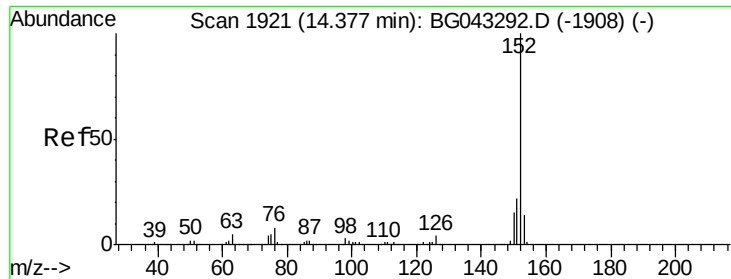
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.992 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

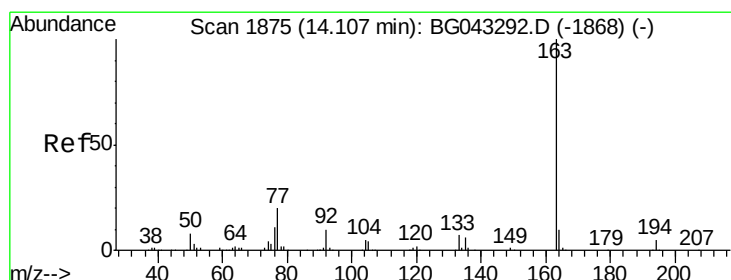
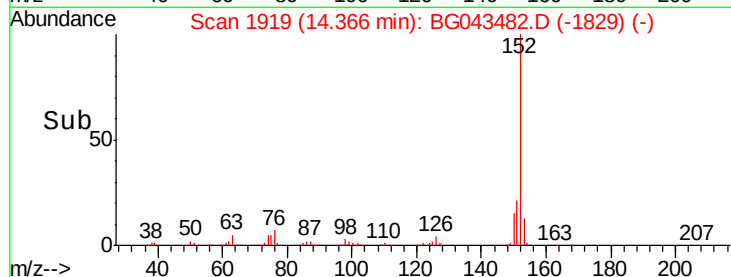
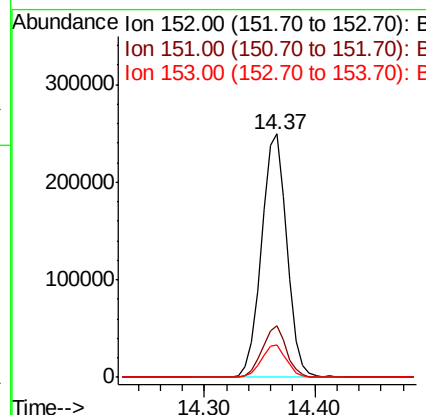
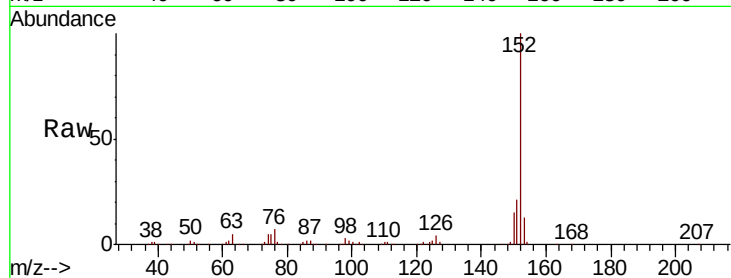
ClientSampleId :

PB124488BSD

Tot Ion	152	Resp	403645
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.2	24.4
153	13.4	10.6	15.8

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#50

Dimethylphthalate

Concen: 35.539 ng

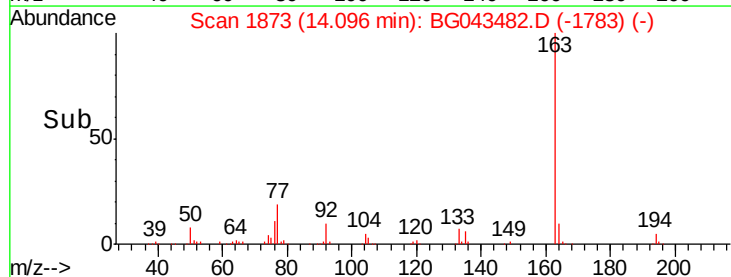
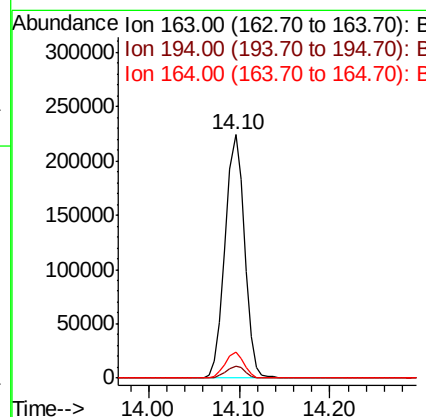
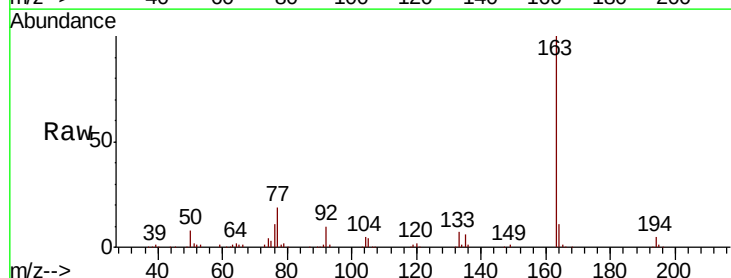
RT: 14.10 min Scan# 1873

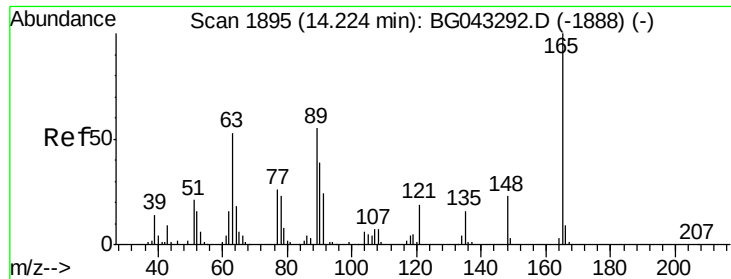
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion	163	Resp	333424
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.8	5.6
164	10.6	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 36.962 ng

RT: 14.21 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

PB124488BSD

Tot Ion:165 Resp: 75336
Ion Ratio Lower Upper

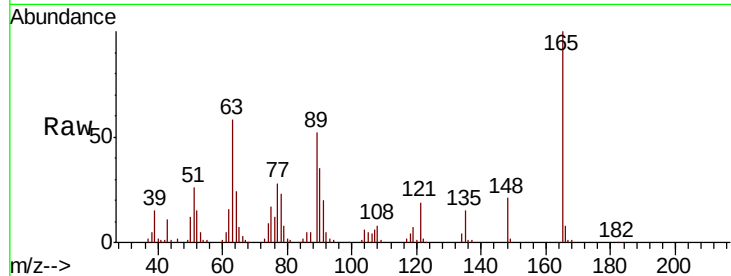
165 100

63 58.4 46.6 69.8

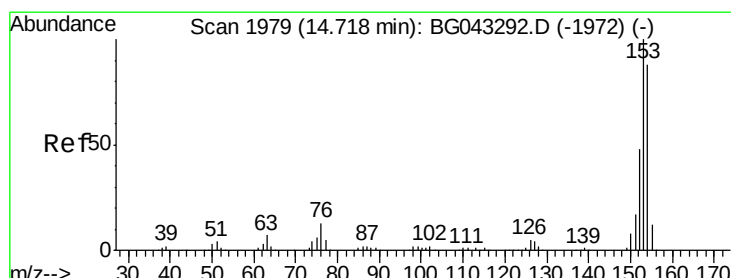
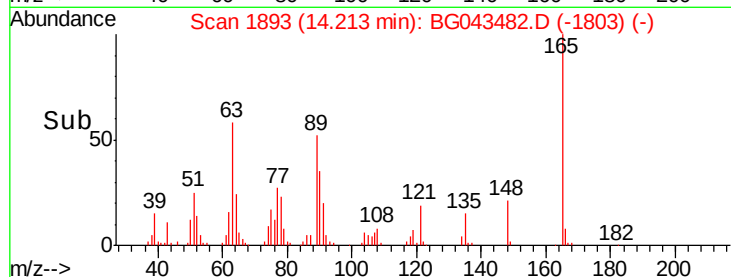
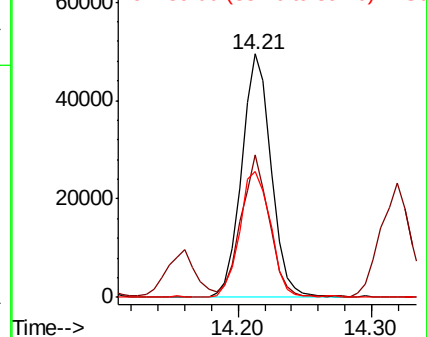
89 51.9 45.1 67.7

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



#52

Acenaphthene

Concen: 35.856 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG043482.D

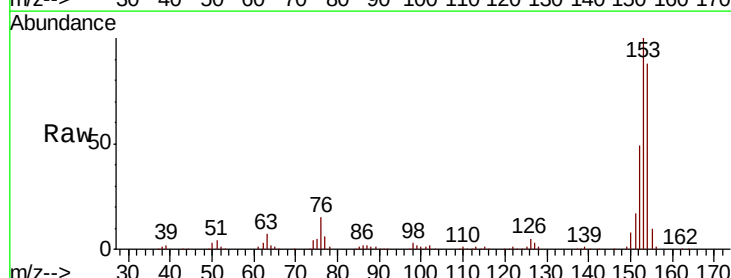
Acq: 4 Nov 2019 15:55

Tgt Ion:154 Resp: 238598
Ion Ratio Lower Upper

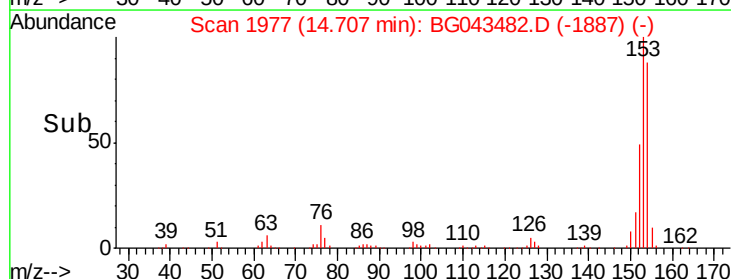
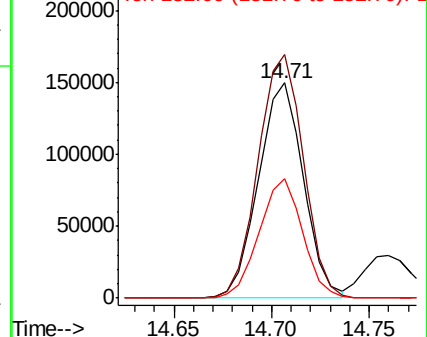
154 100

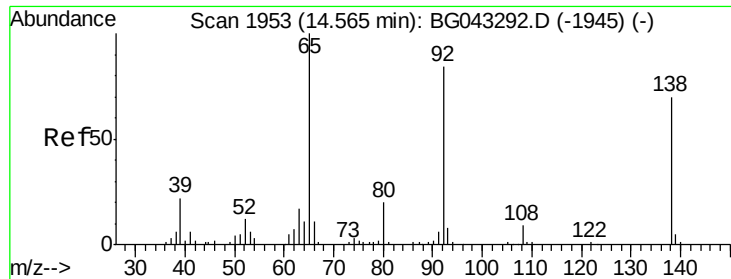
153 113.1 88.2 132.2

152 55.5 40.0 60.0



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





#53

3-Nitroaniline

Concen: 29.184 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

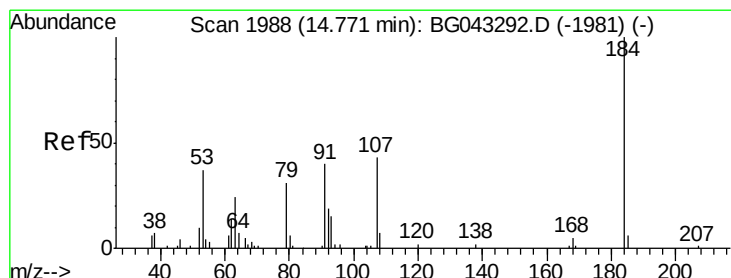
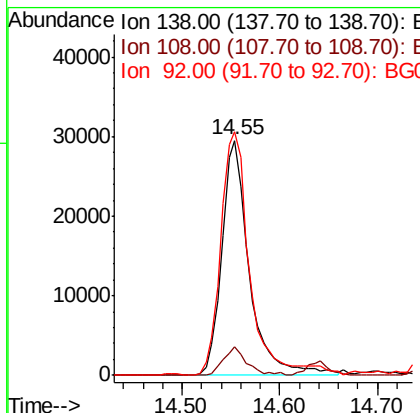
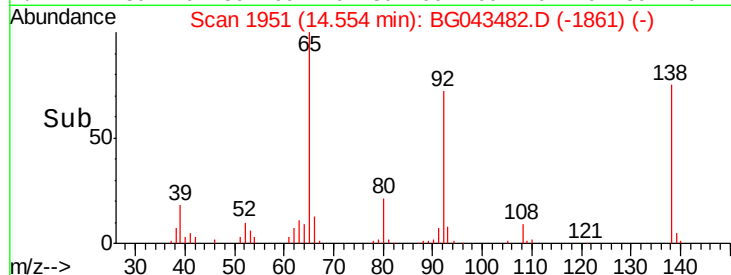
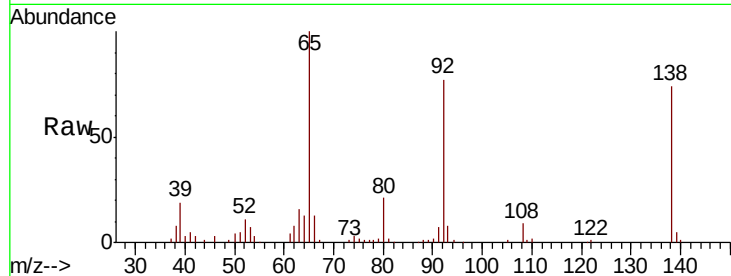
ClientSampleId :

PB124488BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.0	12.0#
92	103.6	90.9	136.3

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#54

2,4-Dinitrophenol

Concen: 69.664 ng

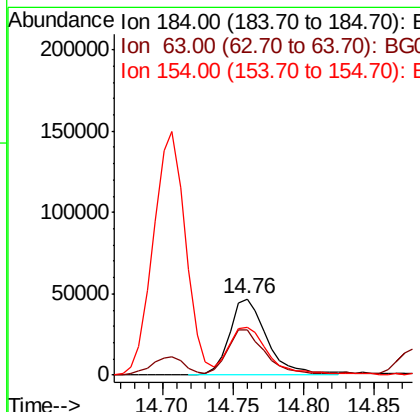
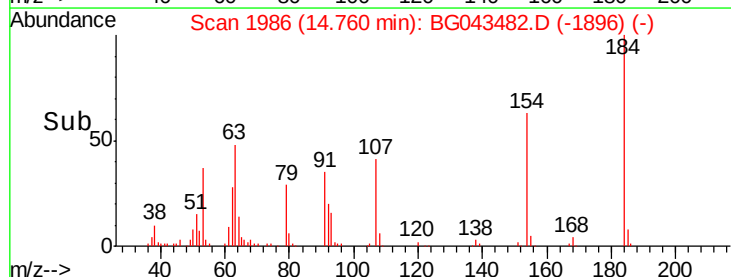
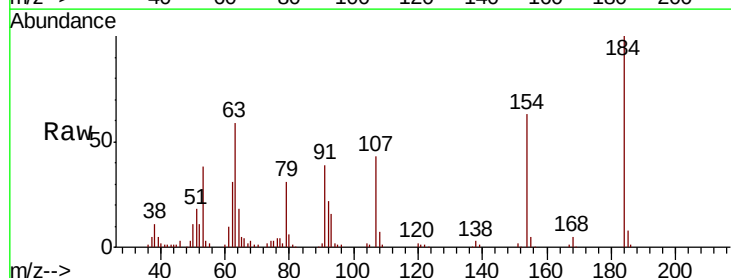
RT: 14.76 min Scan# 1986

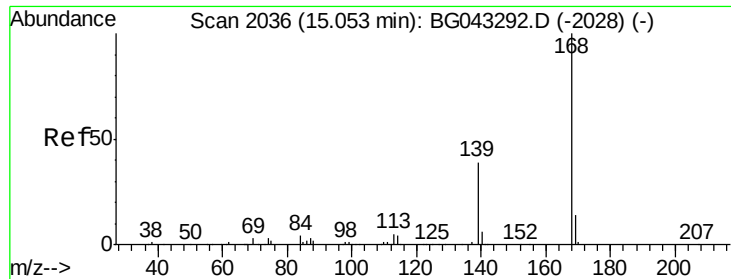
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	51.3	76.9
154	62.8	55.4	83.0





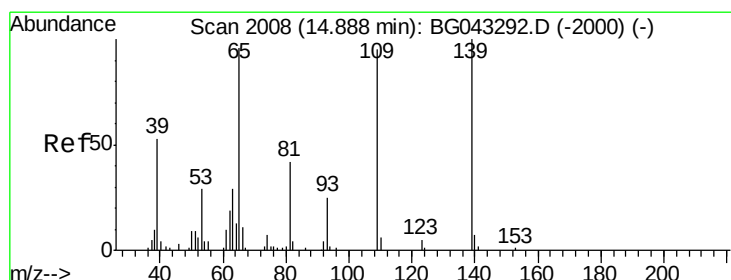
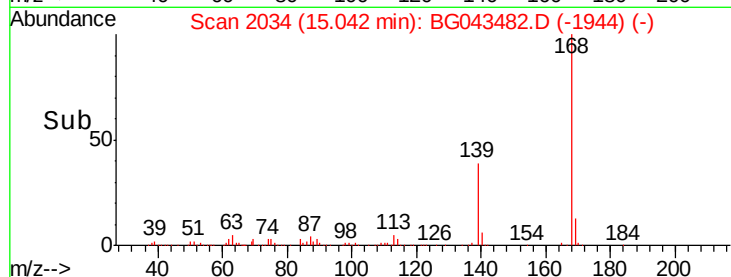
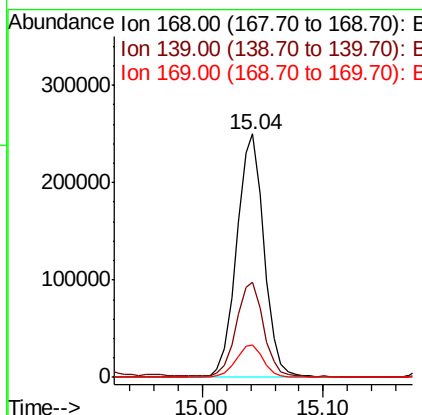
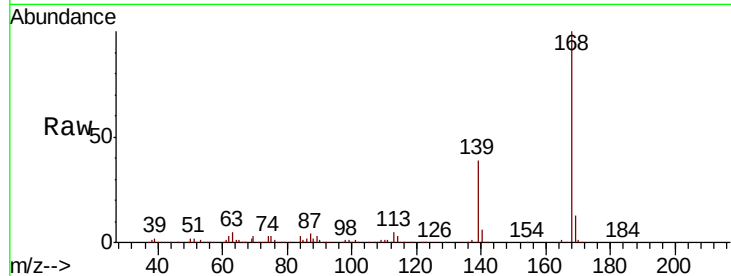
#55
Dibenzenofuran
Concen: 36.577 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.1	11.7	17.5

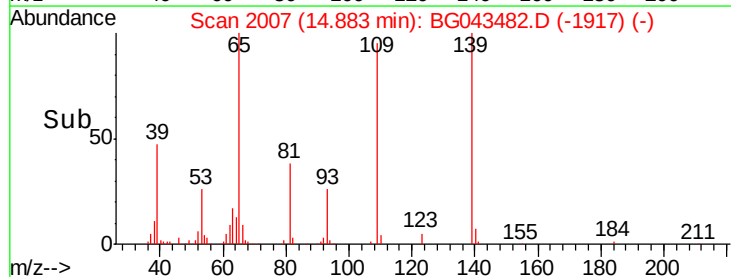
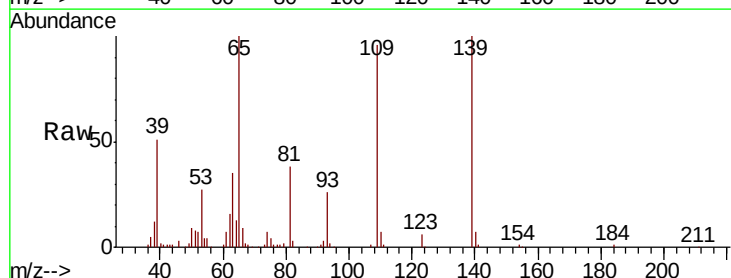
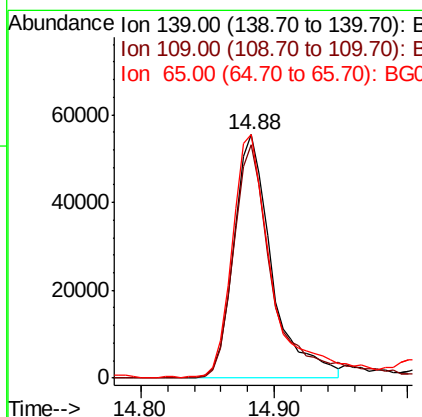
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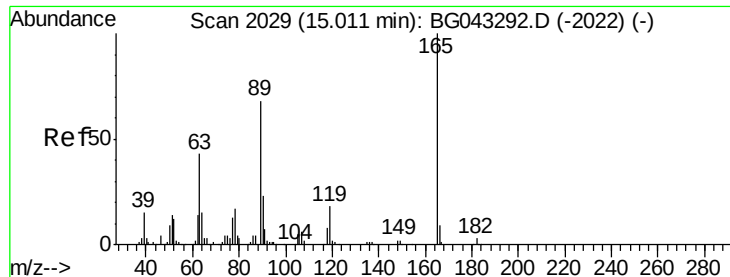
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#56
4-Nitrophenol
Concen: 83.123 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.7	87.2	127.2
65	100.1	83.8	123.8





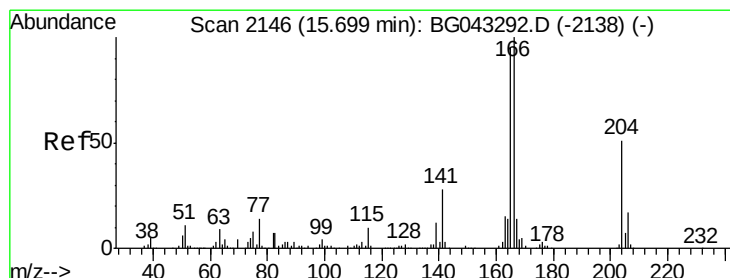
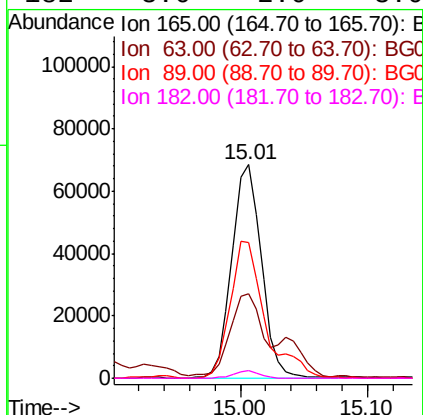
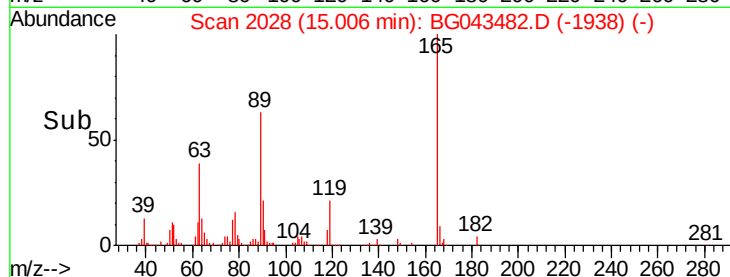
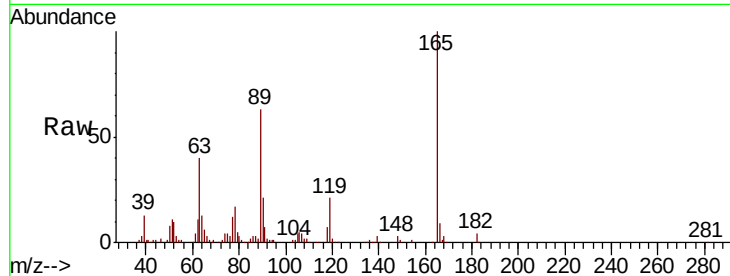
#57
2,4-Dinitrotoluene
Concen: 38.186 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampled :
PB124488BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	39.7	33.2	49.8
89	63.3	52.2	78.4
182	3.6	2.0	3.0#

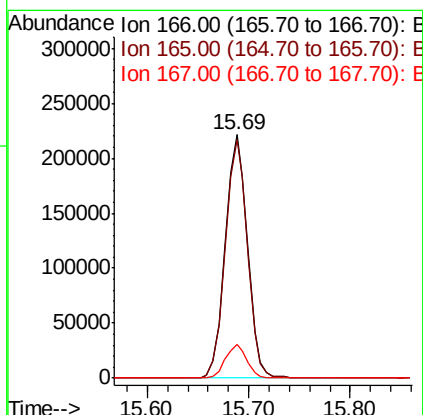
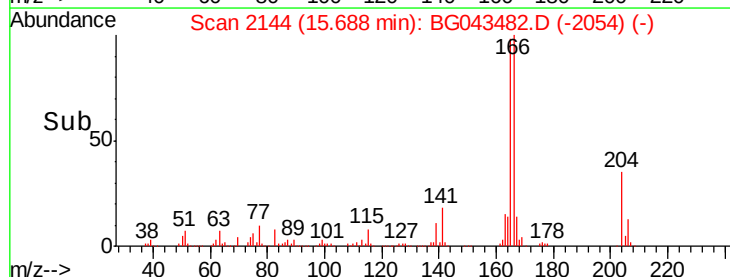
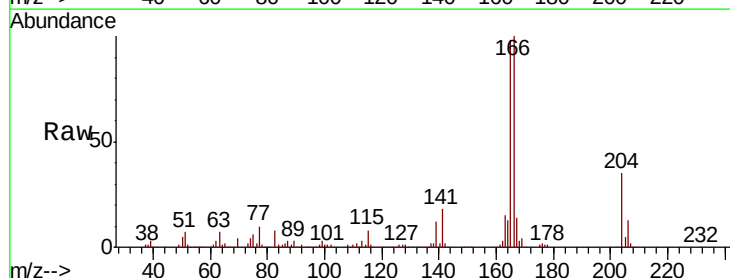
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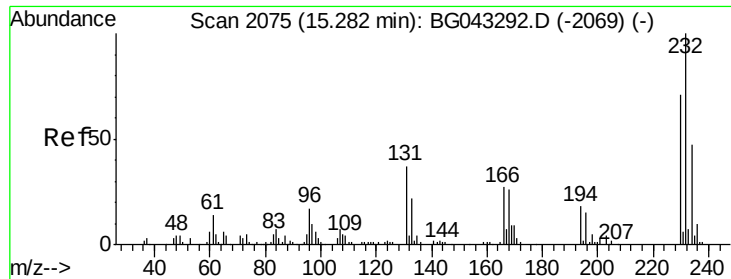
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#58
Fluorene
Concen: 37.116 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.9	79.0	118.6
167	14.0	10.5	15.7





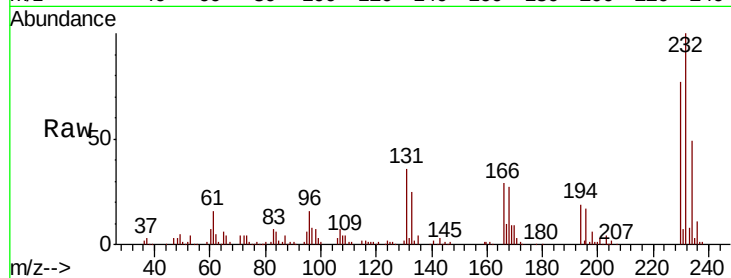
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.484 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109122		
131	35.8	26.9	40.3	
130	2.1	1.8	2.6	
166	27.8	20.9	31.3	

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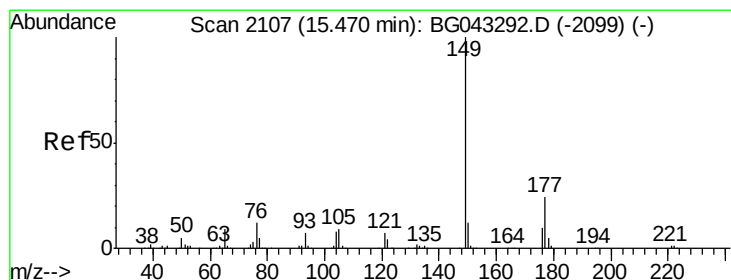
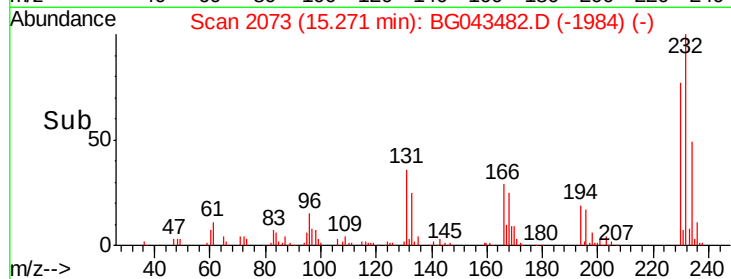
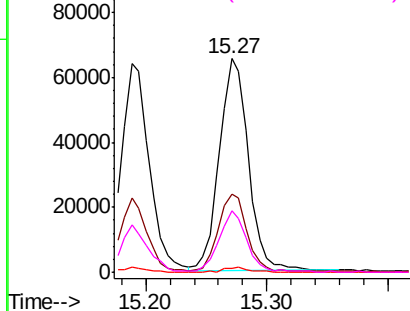
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

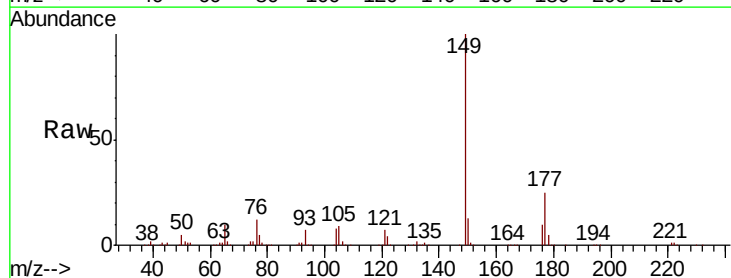
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.706 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	336595		
177	24.7	19.6	29.4	
150	13.1	10.8	16.2	

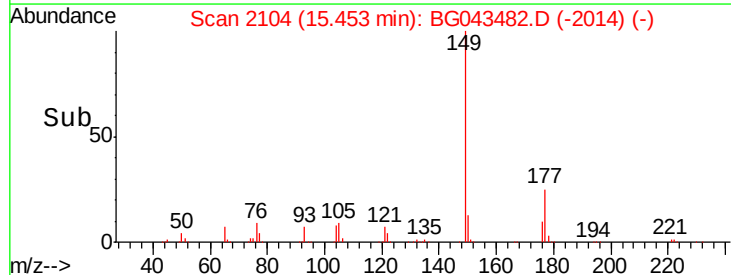
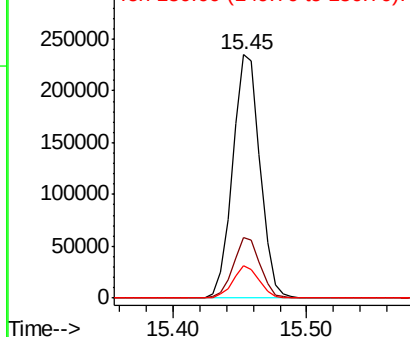


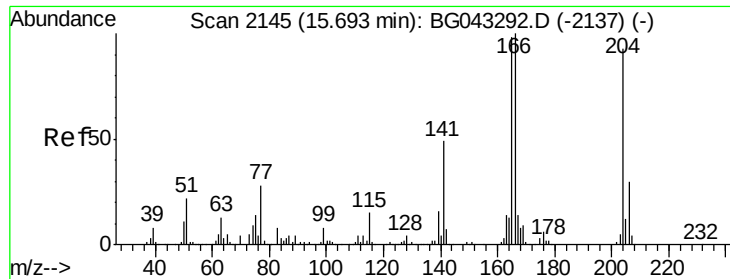
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





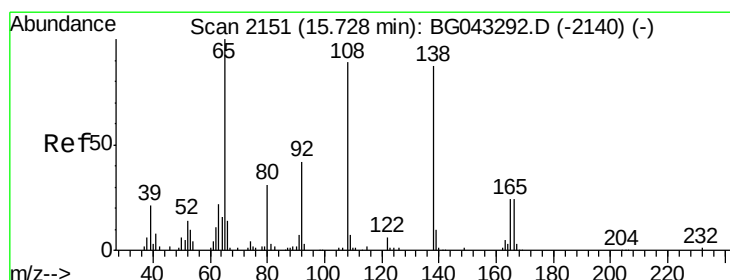
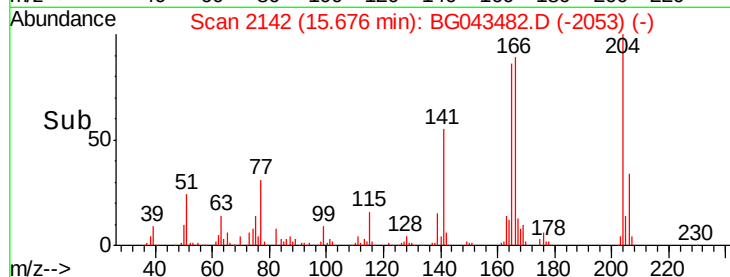
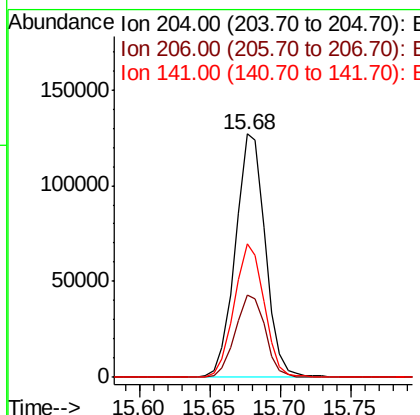
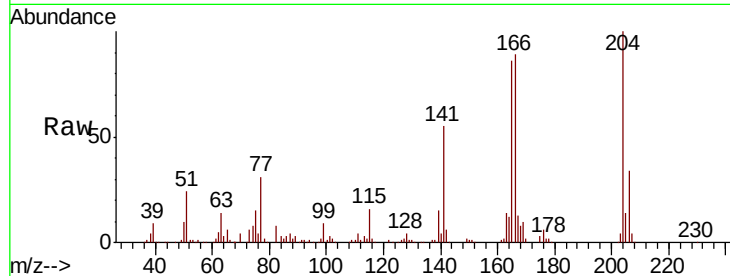
#61
4-Chlorophenyl-phenylether
Concen: 35.528 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.4	42.6
141	54.6	43.0	64.6

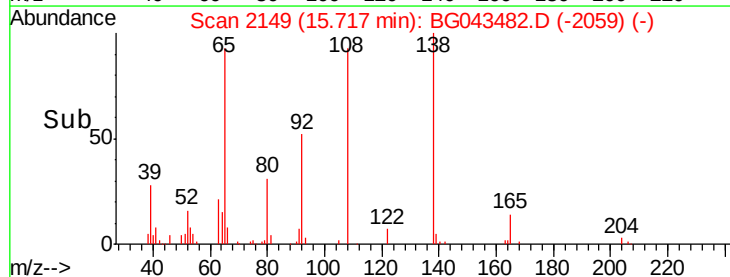
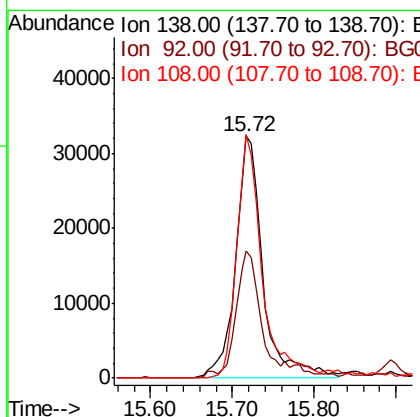
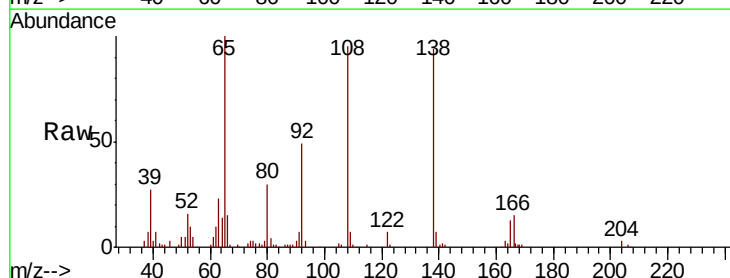
Manual Integrations
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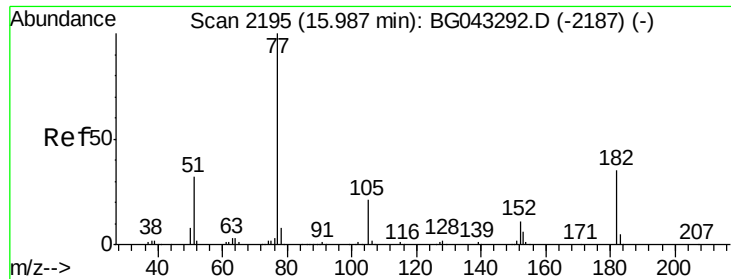
mohammad
11/5/2019 10:41:01 AM



#62
4-Nitroaniline
Concen: 36.911 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	33.4	73.4
108	100.6	78.0	118.0





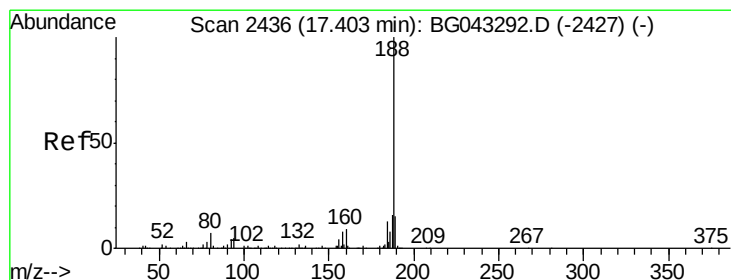
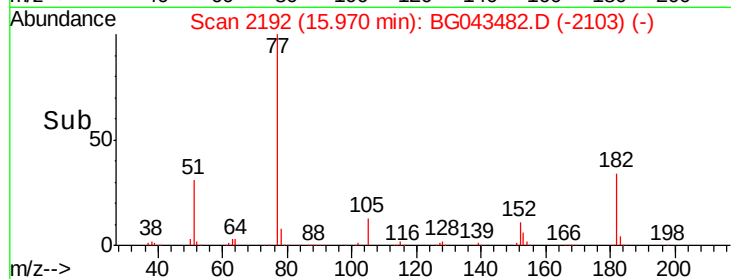
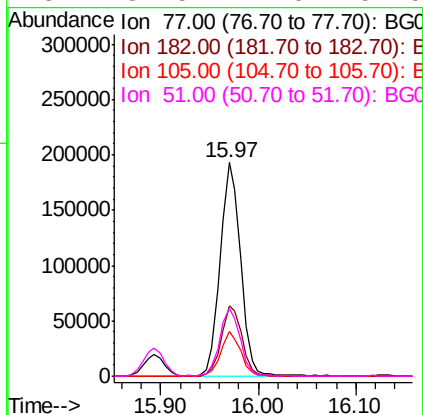
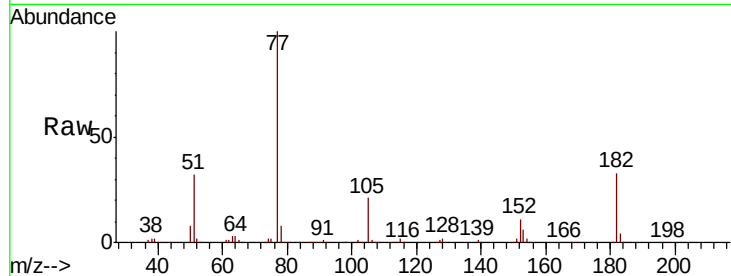
#63
Azobenzene
Concen: 36.631 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion:	77	Resp:	279467
Ion Ratio	Lower	Upper	
77	100		
182	32.8	13.7	53.7
105	21.0	0.4	40.4
51	31.5	11.0	51.0

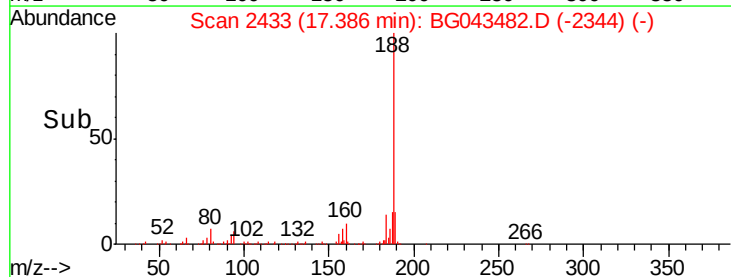
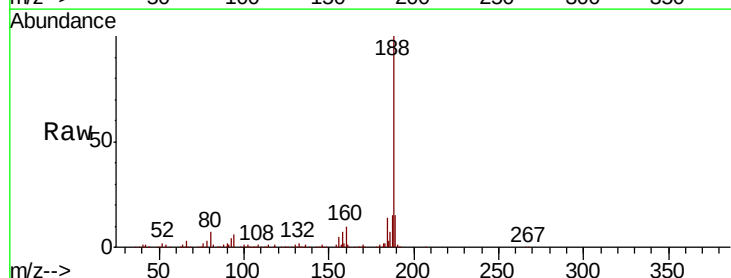
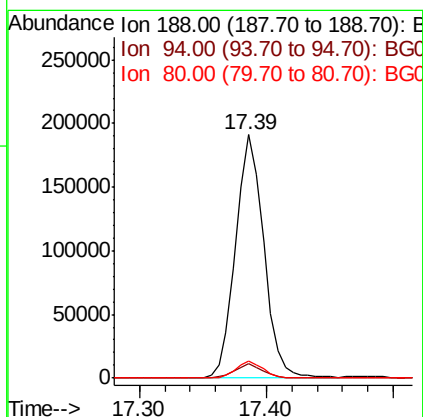
Manual Integrations
APPROVED

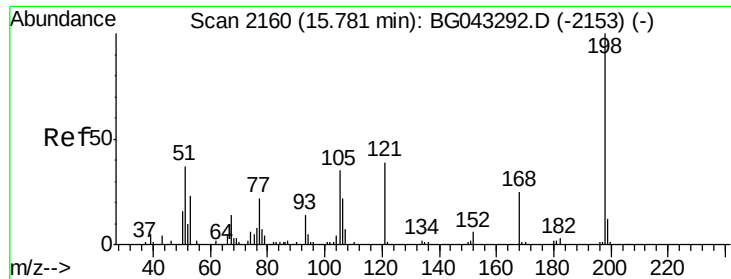
mohammad
11/5/2019 10:41:01 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion:	188	Resp:	294991
Ion Ratio	Lower	Upper	
188	100		
94	5.8	4.2	6.4
80	6.8	4.5	6.7#





#65

4,6-Dinitro-2-methylphenol

Concen: 40.853 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

ClientSampleId :

PB124488BSD

Tot Ion:198 Resp: 70922

Ion Ratio Lower Upper

198 100

51 37.1 13.2 53.2

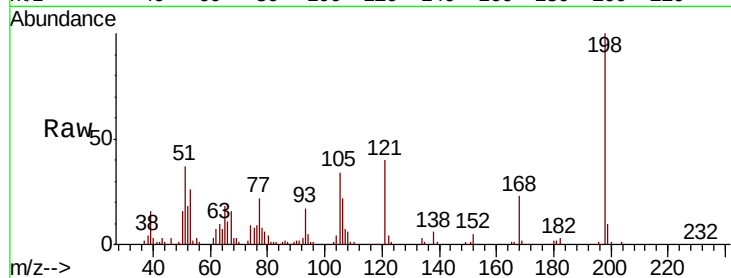
105 34.5 15.8 55.8

Manual Integrations

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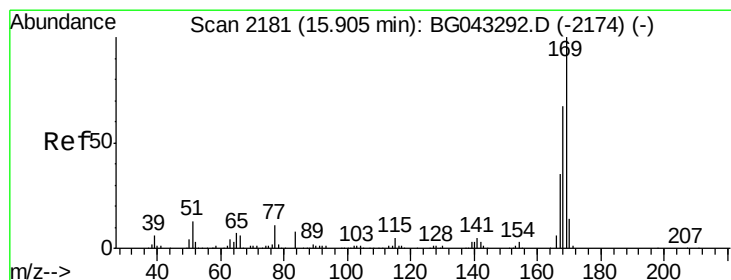
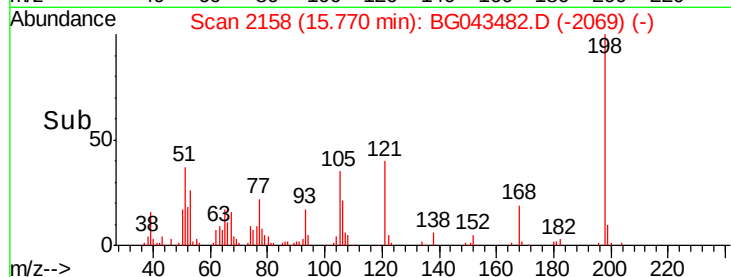
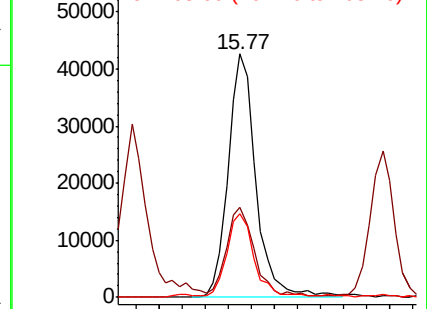
11/5/2019 10:41:01 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043482.D (-2069) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.532 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

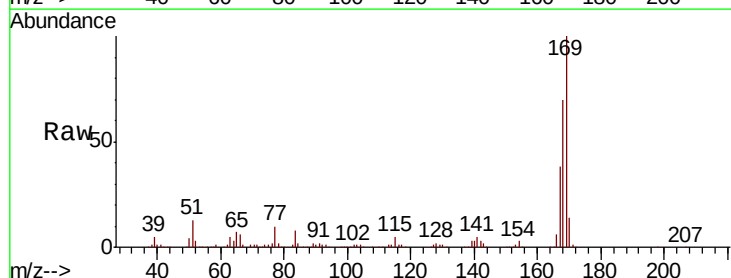
Tgt Ion:169 Resp: 295920

Ion Ratio Lower Upper

169 100

168 69.8 53.8 80.6

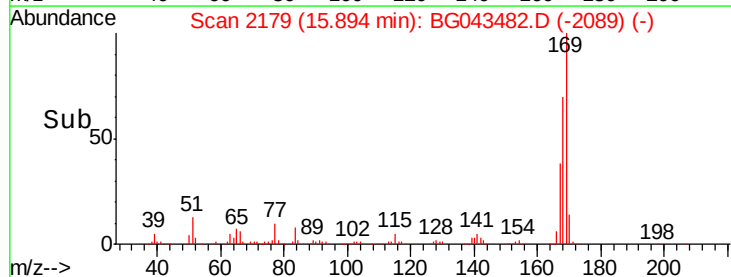
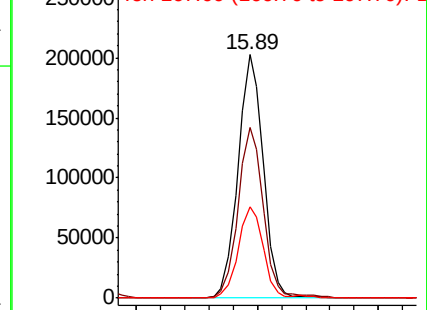
167 37.7 27.5 41.3

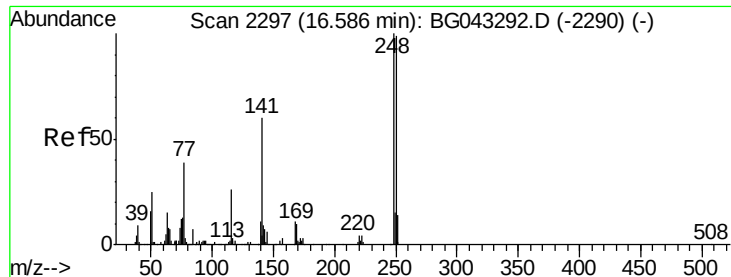


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





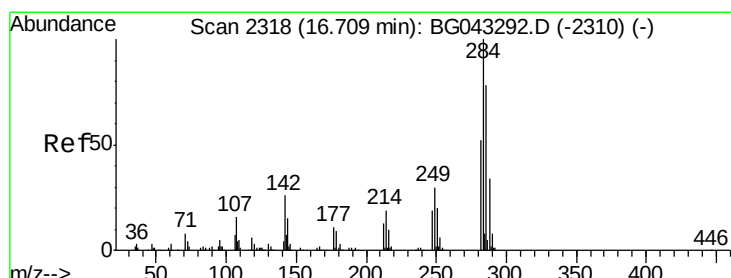
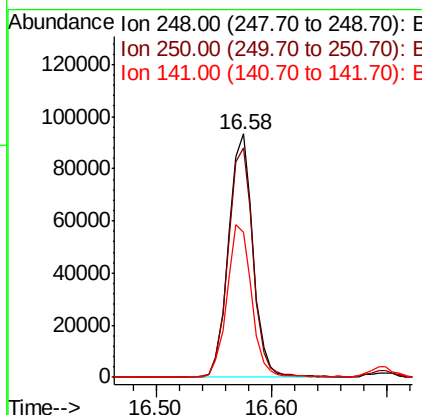
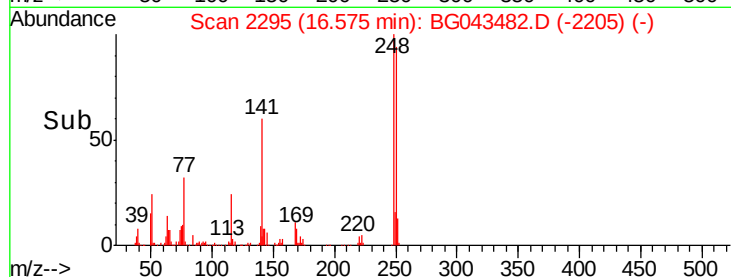
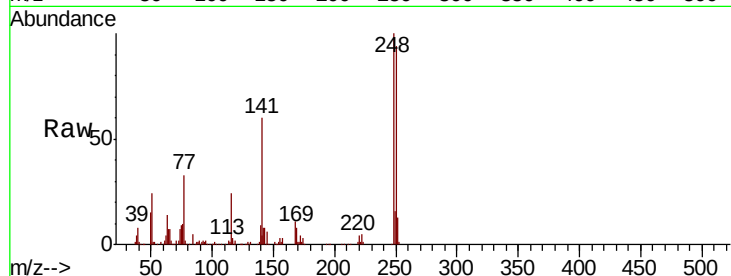
#67
4-Bromophenyl-phenylether
Concen: 34.373 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.0	115.4
141	59.5	47.5	71.3

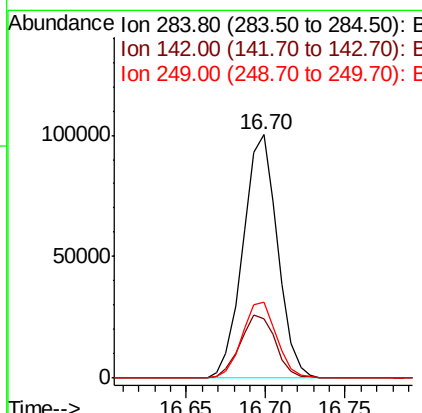
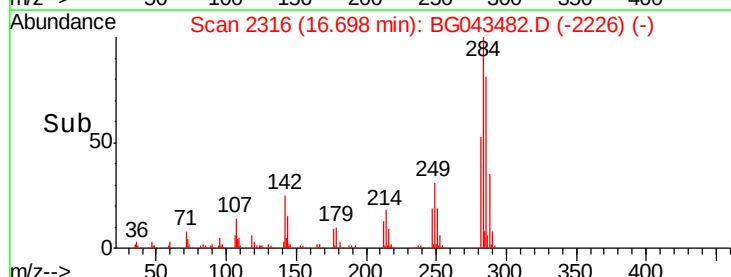
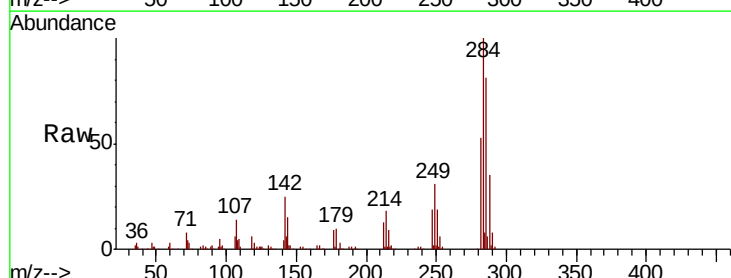
Manual Integrations
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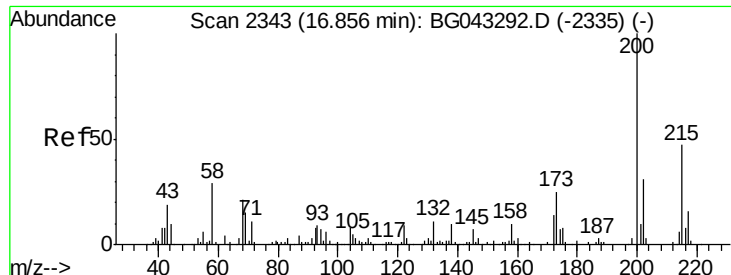
mohammad
11/5/2019 10:41:01 AM



#68
Hexachlorobenzene
Concen: 33.190 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	19.8	29.8
249	31.1	23.8	35.6





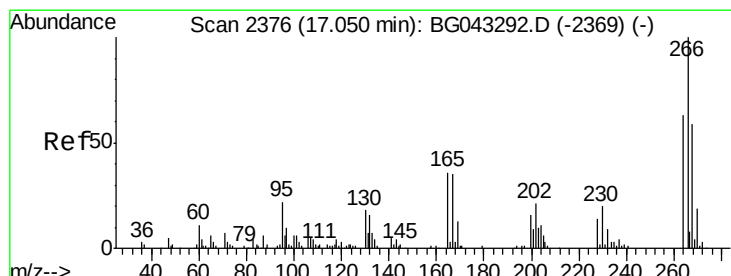
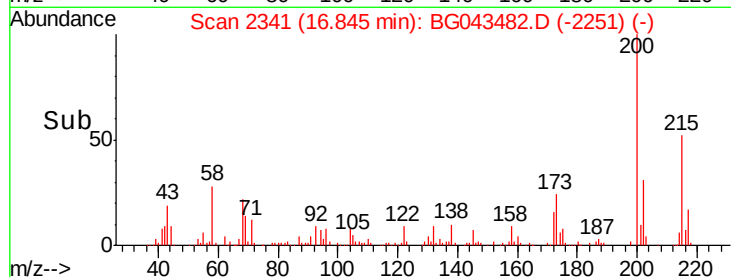
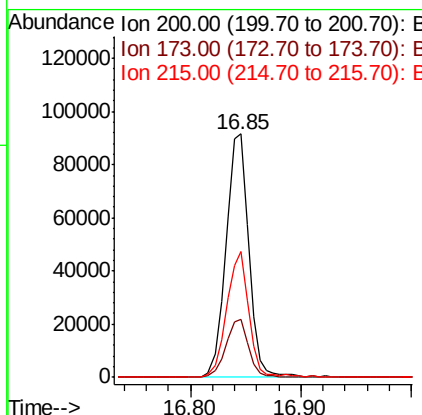
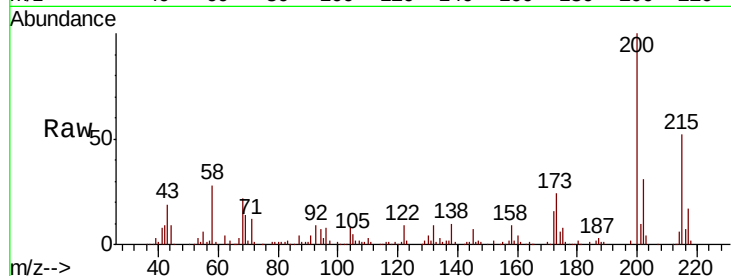
#69
 Atrazine
 Concen: 46.083 ng
 RT: 16.85 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	133361		
173	23.7	4.7	44.7	
215	51.6	28.5	68.5	

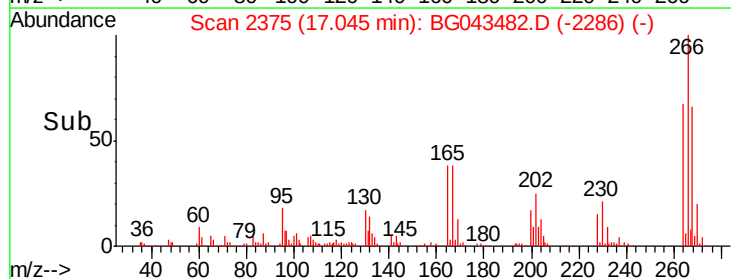
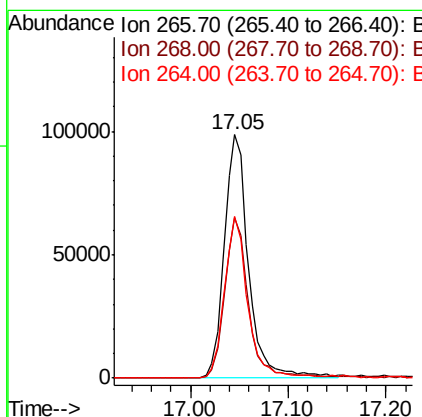
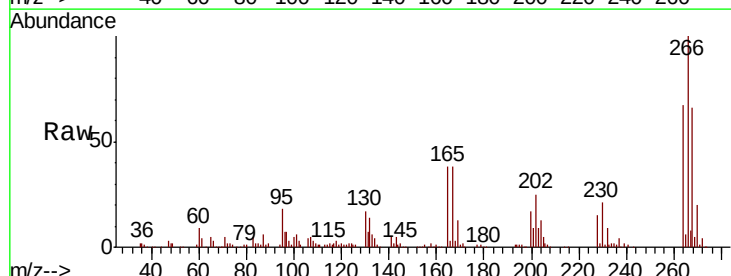
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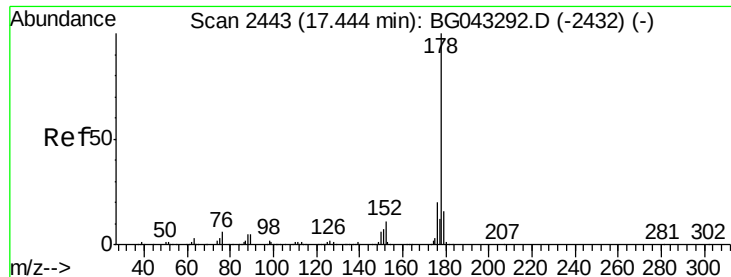
mohammad
 11/5/2019 10:41:01 AM



#70
 Pentachlorophenol
 Concen: 81.851 ng
 RT: 17.05 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	169959		
268	66.1	50.4	75.6	
264	66.6	48.9	73.3	





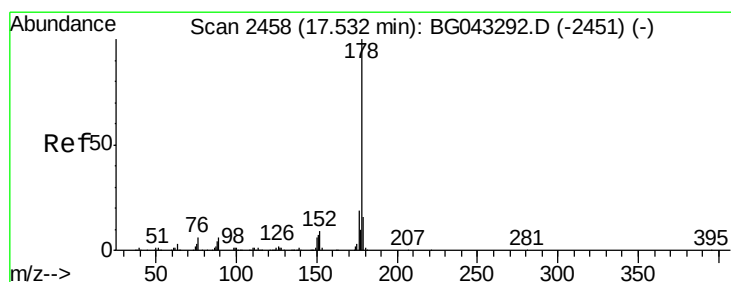
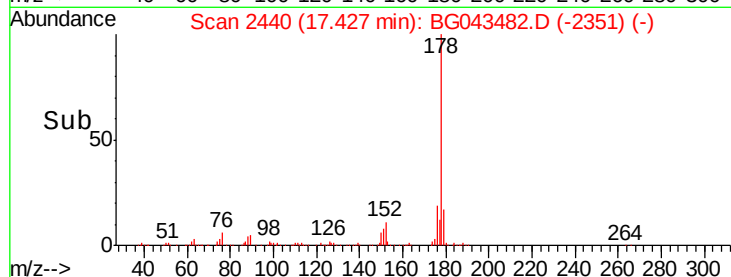
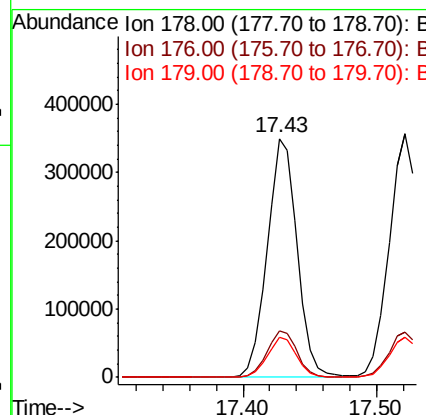
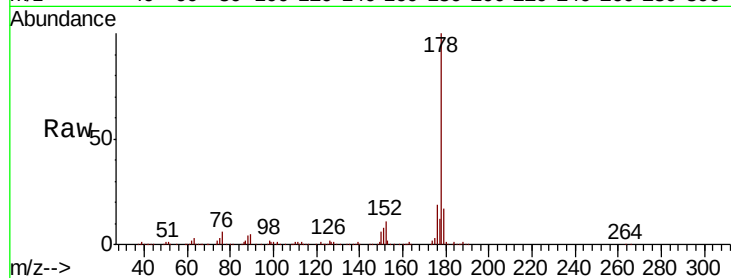
#71
Phenanthrene
Concen: 35.785 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.8	13.0	19.6

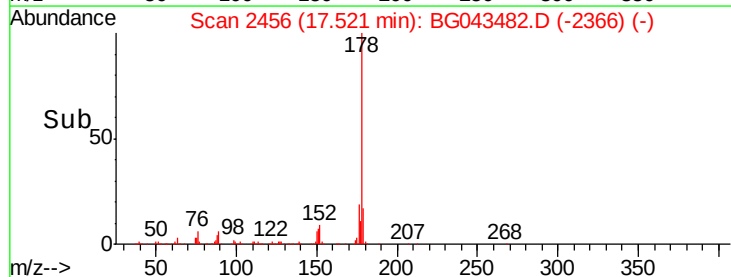
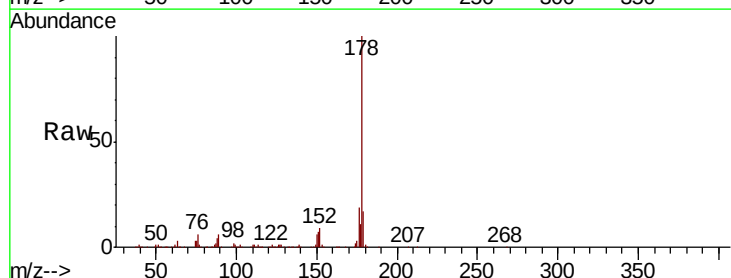
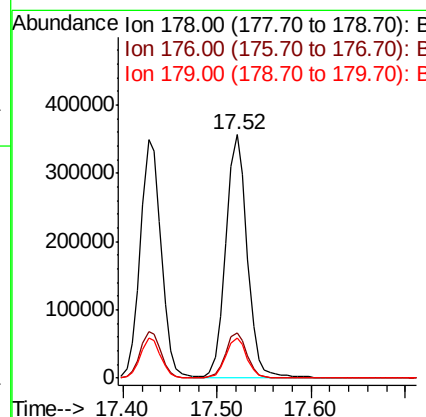
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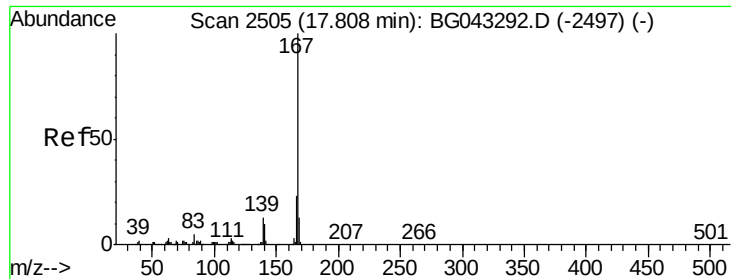
mohammad
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#72
Anthracene
Concen: 37.586 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.7	13.7	20.5





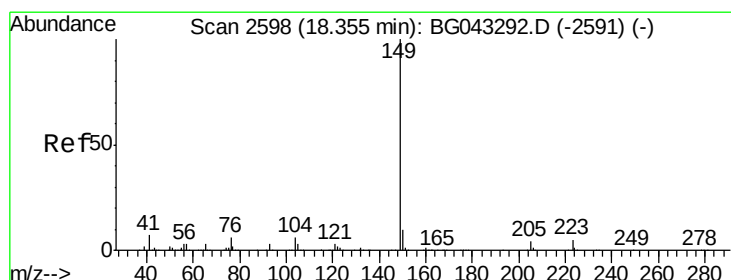
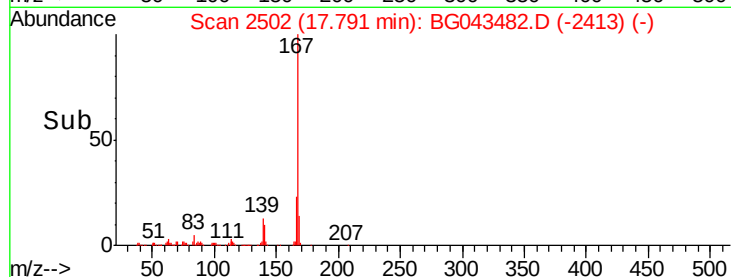
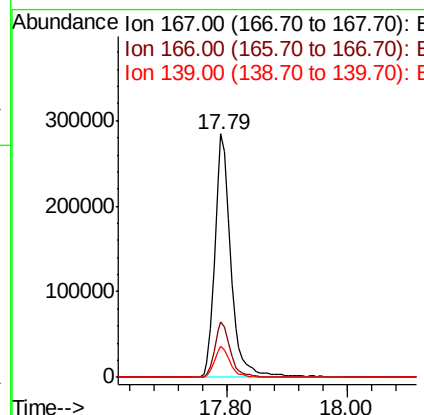
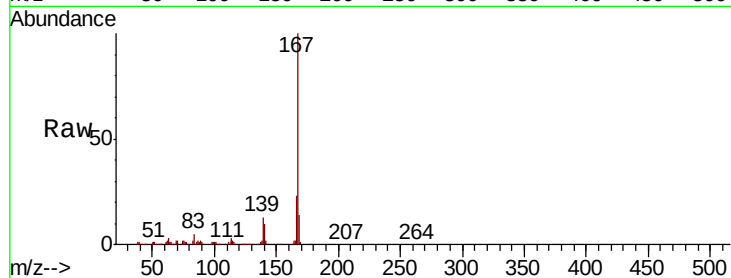
#73
 Carbazole
 Concen: 38.300 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion:	167	Resp:	524188
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.7	28.1
139	12.6	10.0	15.0

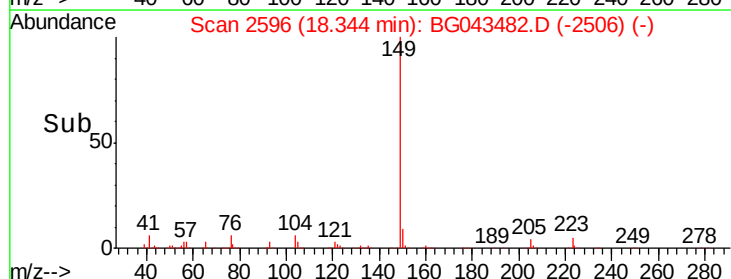
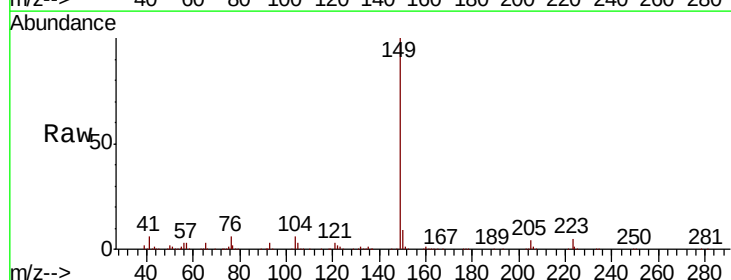
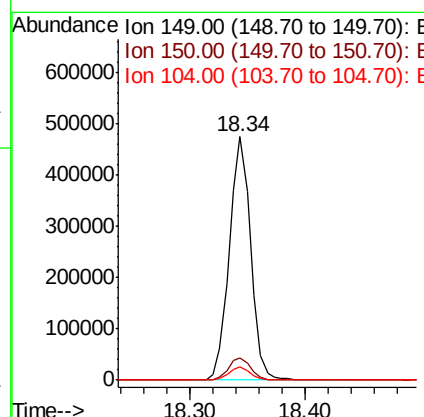
Manual Integrations
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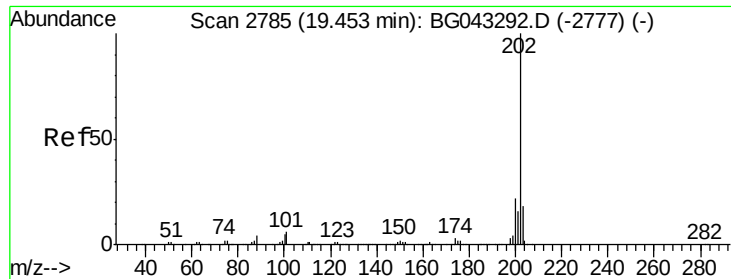
mohammad
 11/5/2019 10:41:01 AM



#74
 Di-n-butylphthalate
 Concen: 36.516 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion:	149	Resp:	606398
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 38.250 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

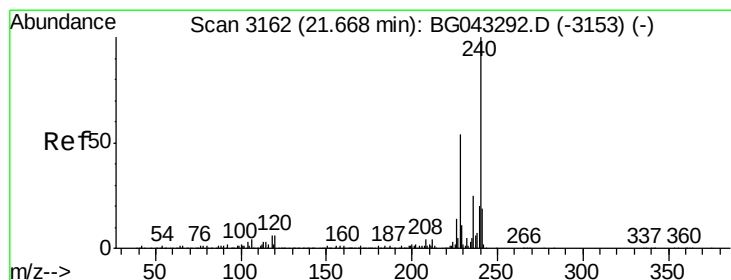
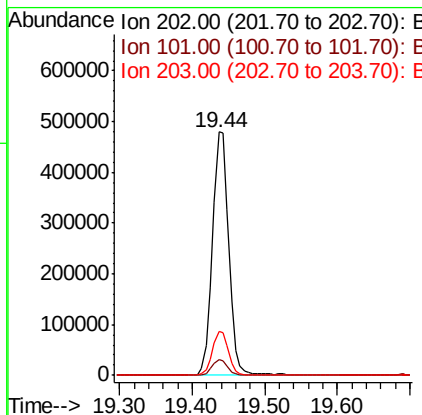
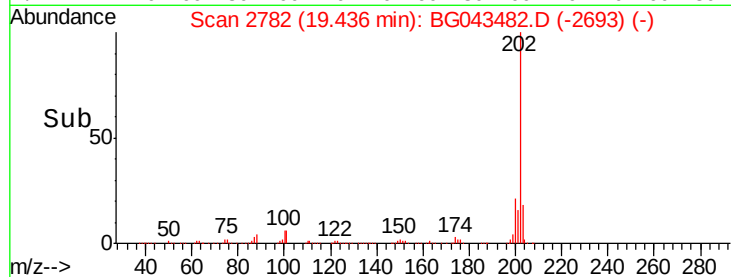
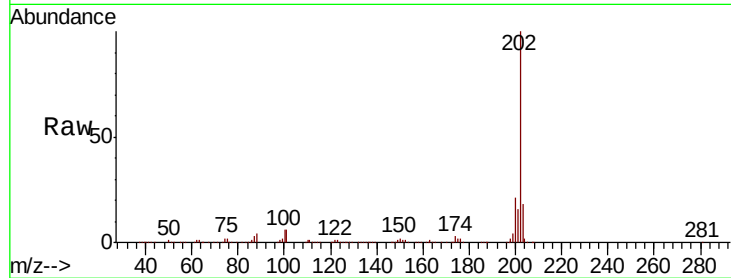
ClientSampleId :

PB124488BSD

Tot Ion:	202	Resp:	753275
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.3
203	18.1	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

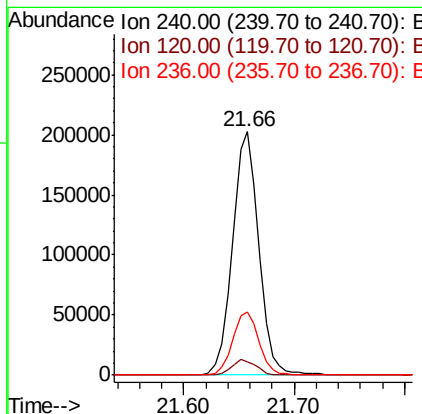
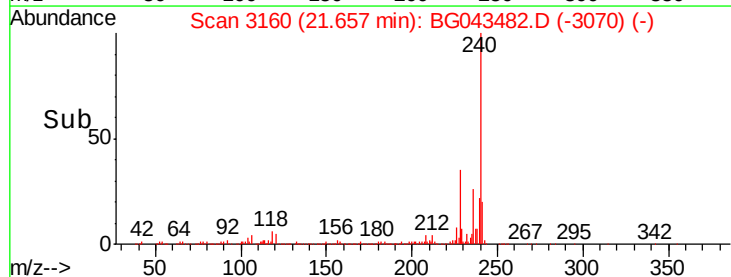
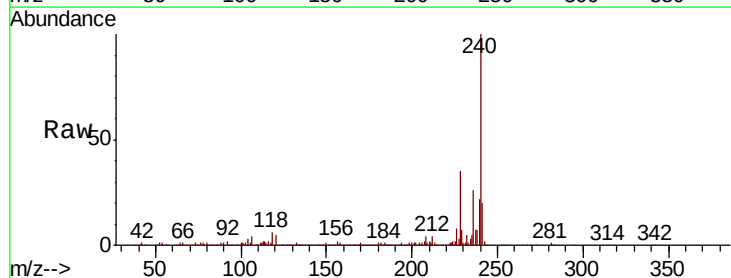
RT: 21.66 min Scan# 3160

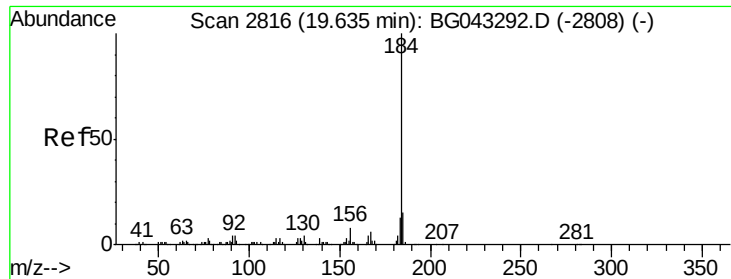
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:	240	Resp:	338214
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.6	6.8
236	26.1	19.8	29.8





#77

Benzidine

Concen: 28.444 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

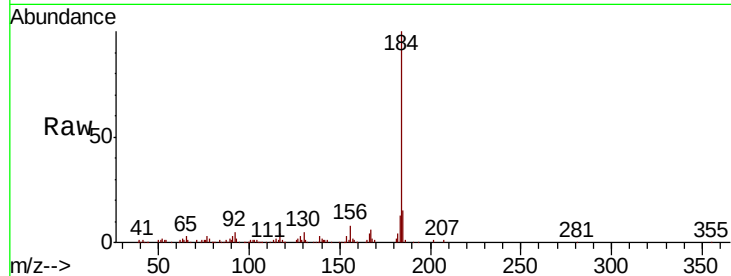
ClientSampleId :

PB124488BSD

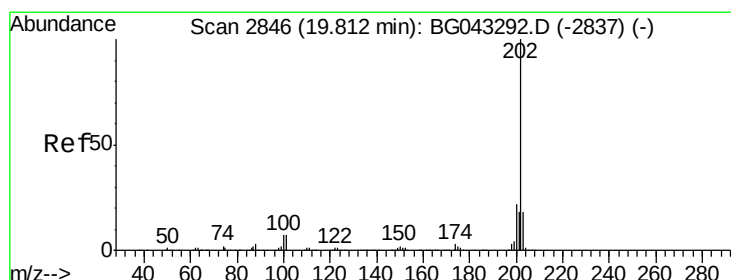
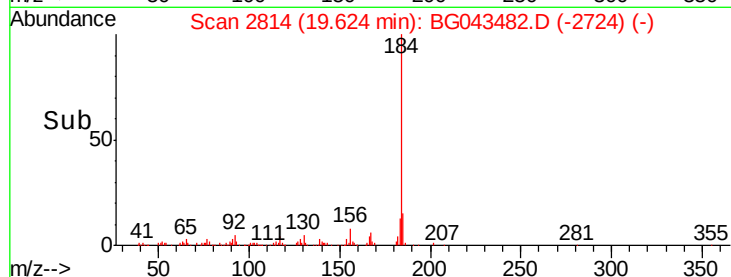
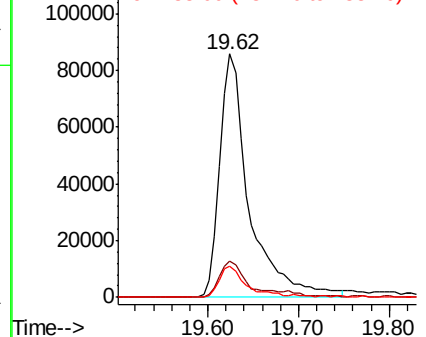
Tot Ion:	184	Resp:	193611
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.0	16.4
183	12.7	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.661 ng

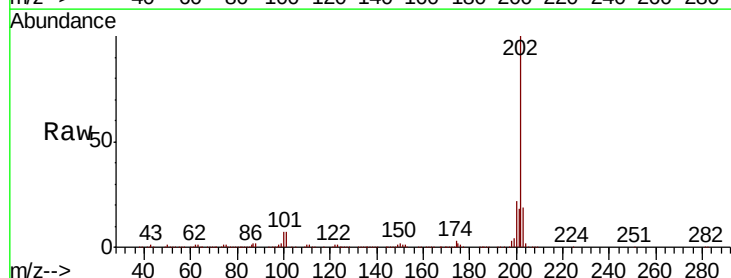
RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

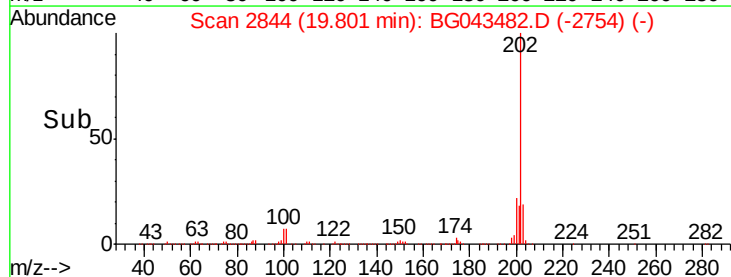
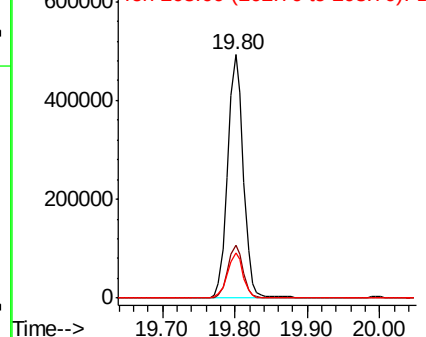
Lab File: BG043482.D

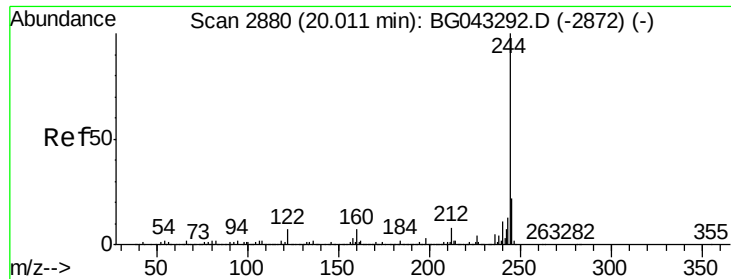
Acq: 4 Nov 2019 15:55

Tgt Ion:	202	Resp:	746568
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.7	14.7	22.1



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





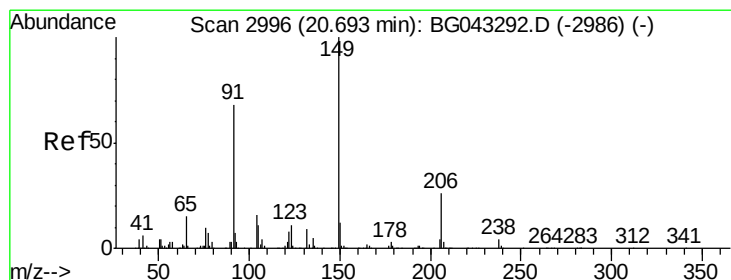
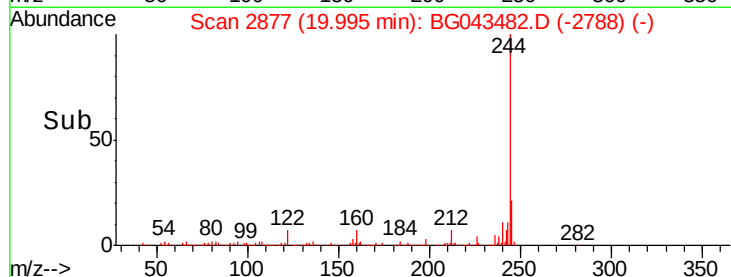
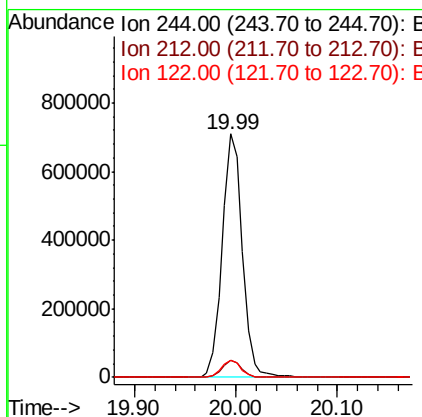
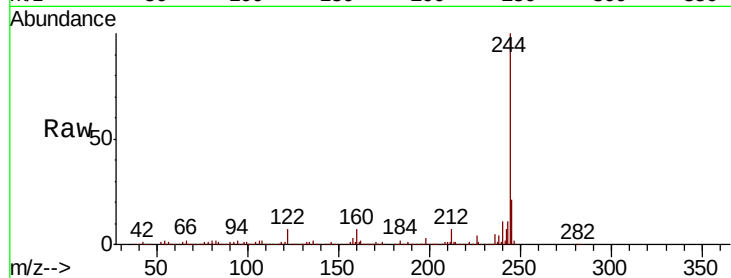
#79
 Terphenyl-d14
 Concen: 54.307 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.9	5.4	8.2

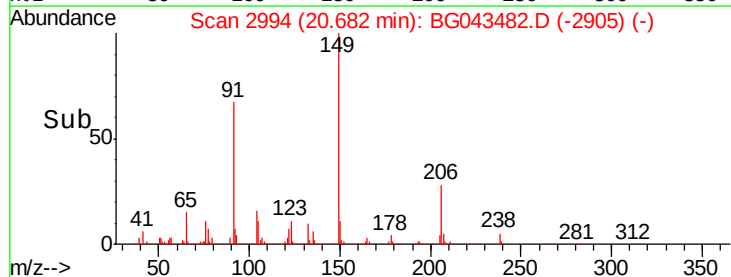
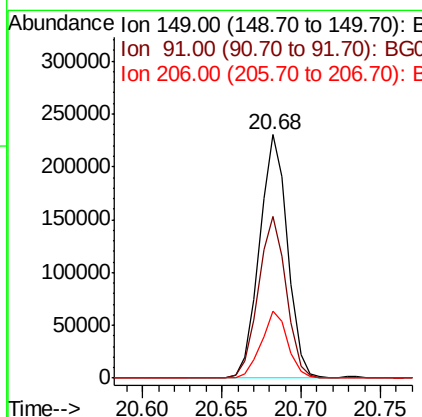
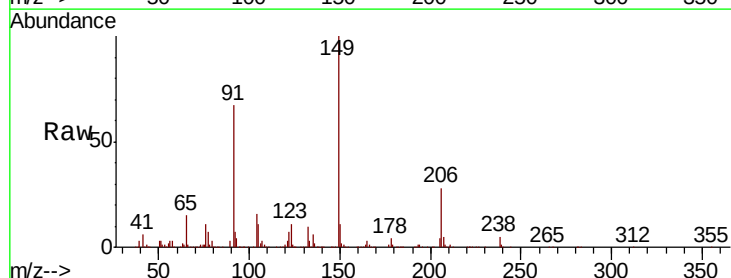
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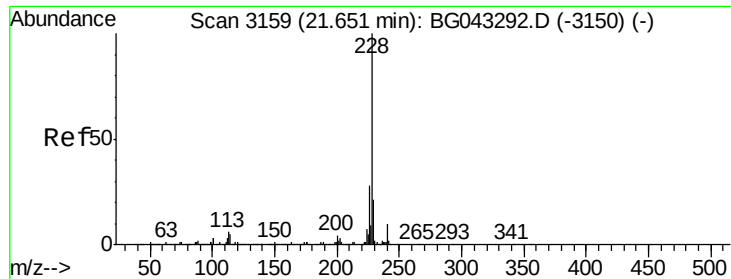
mohammad
 11/5/2019 10:41:01 AM



#80
 Butylbenzylphthalate
 Concen: 35.813 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	51.2	76.8
206	27.6	22.5	33.7





#81

Benzo(a)anthracene

Concen: 36.589 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

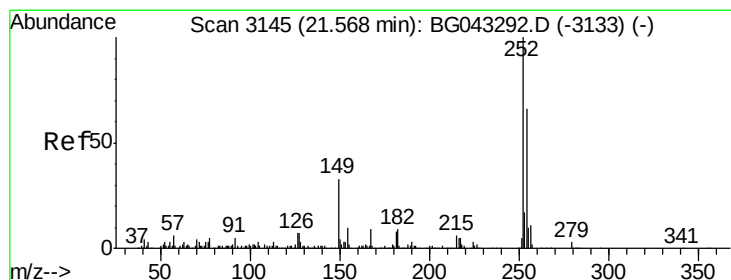
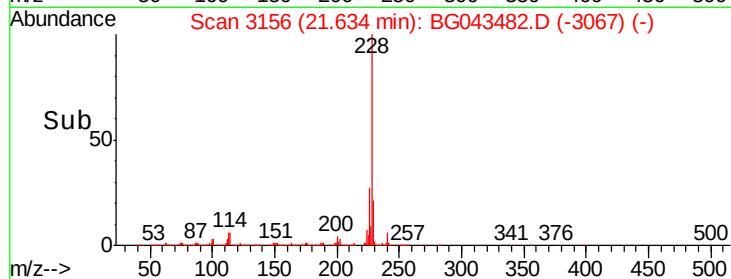
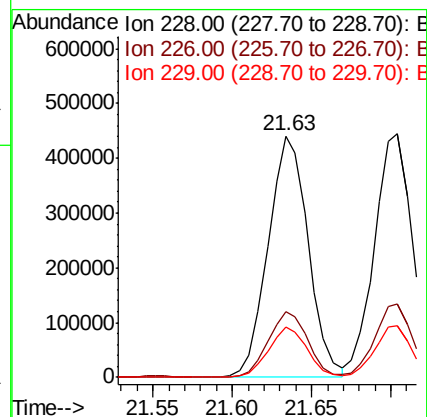
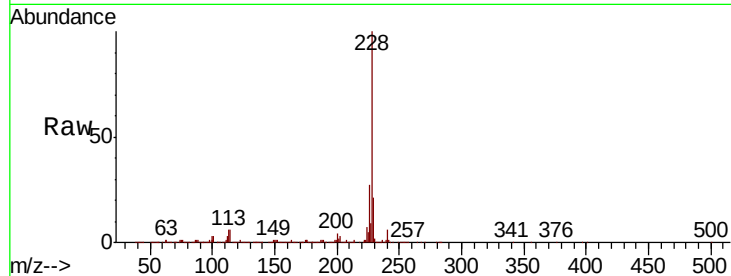
ClientSampleId :

PB124488BSD

Tot Ion:	228	Resp:	775152
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.2	33.2
229	20.7	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 33.049 ng

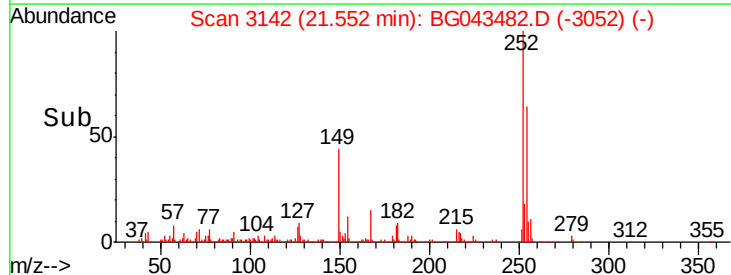
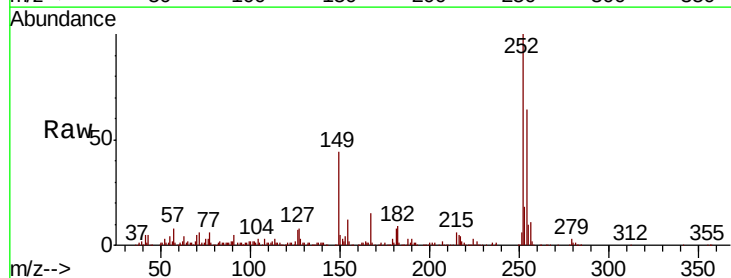
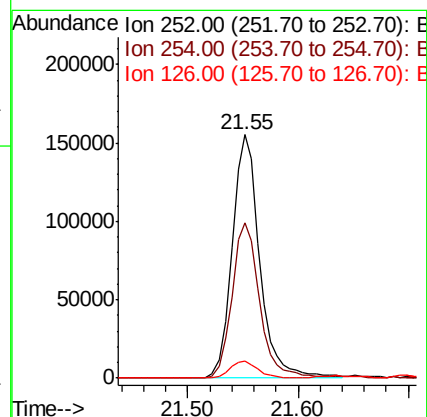
RT: 21.55 min Scan# 3142

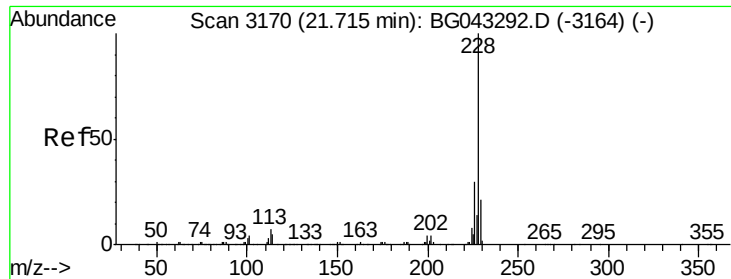
Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:	252	Resp:	270804
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.8	76.2
126	6.8	6.1	9.1





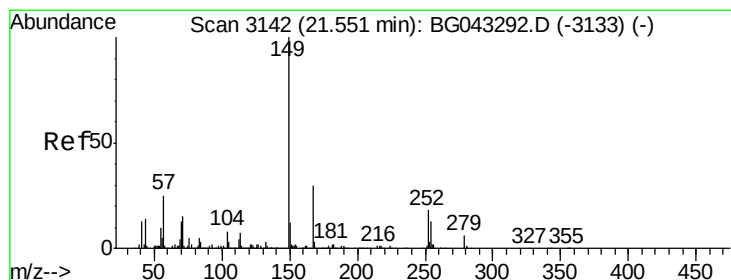
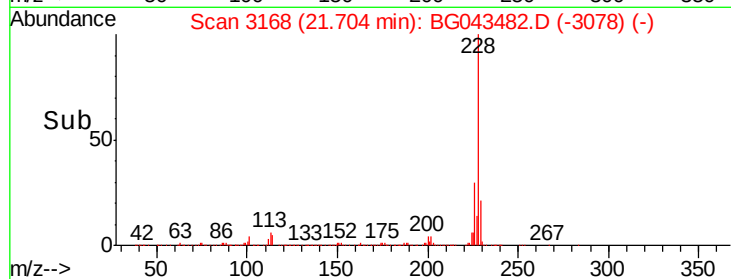
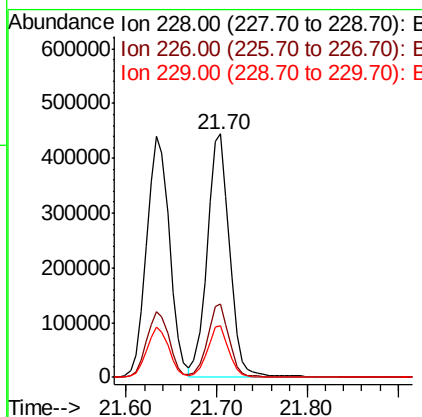
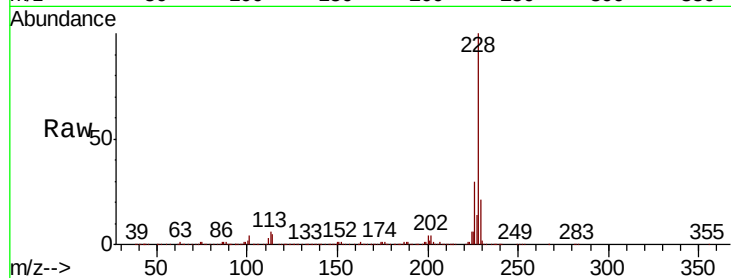
#83
 Chrysene
 Concen: 36.005 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	21.0	17.0	25.4

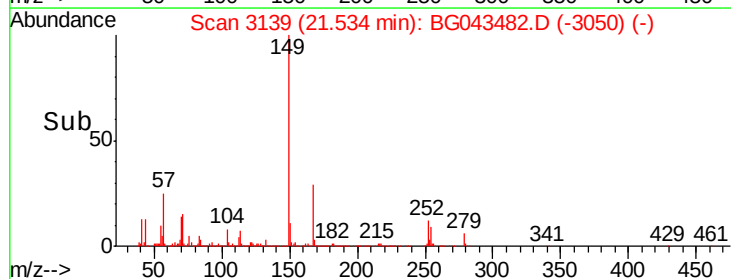
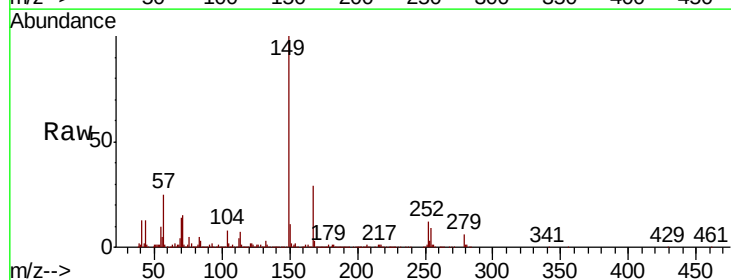
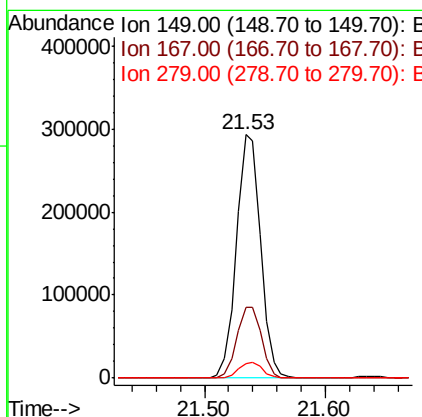
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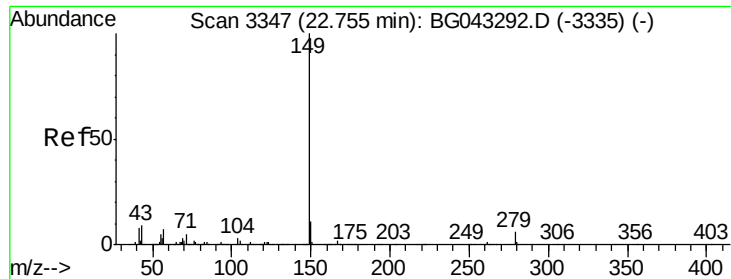
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.133 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG043482.D
 Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.0	36.0
279	6.1	5.4	8.2





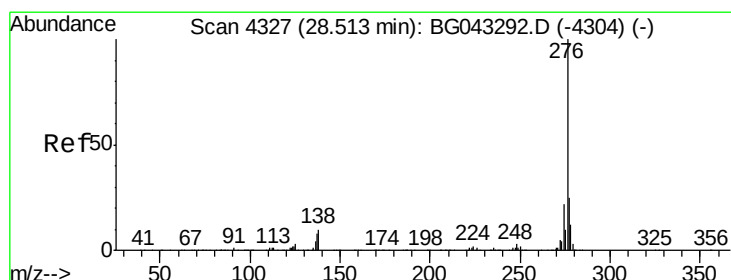
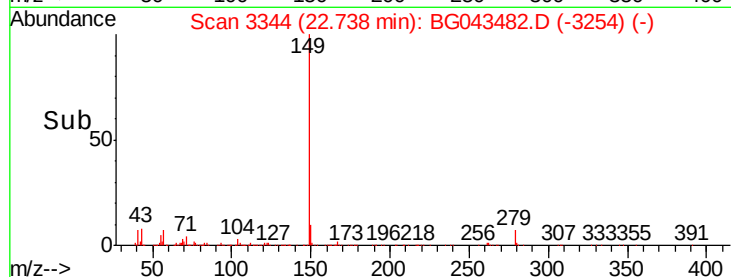
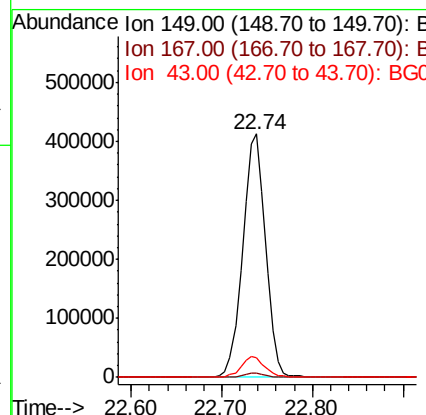
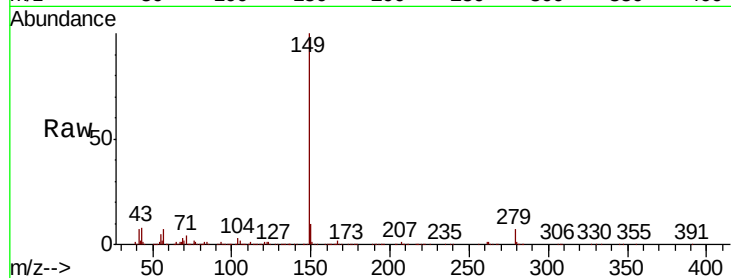
#85
Di-n-octyl phthalate
Concen: 37.521 ng
RT: 22.74 min Scan# 3344
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	717205		
167	1.8		1.4	2.2
43	8.6		7.0	10.6

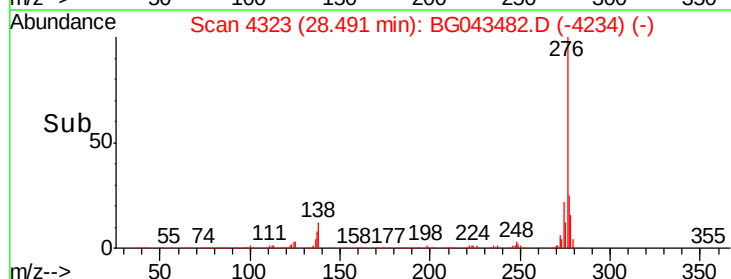
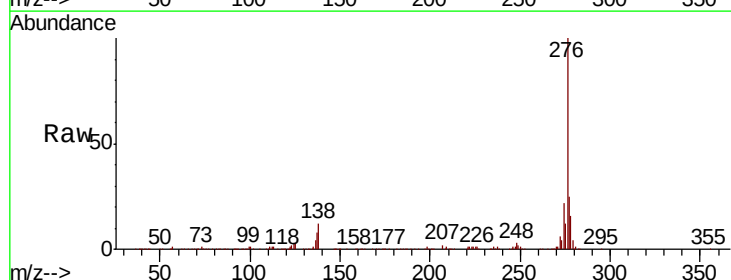
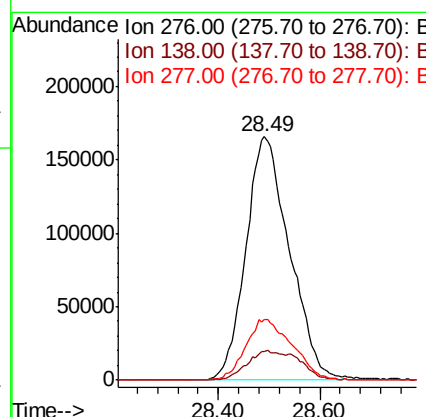
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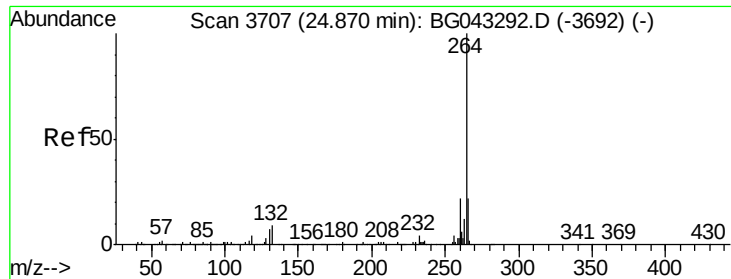
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.424 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	988833		
138	9.9		6.8	10.2
277	26.5		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

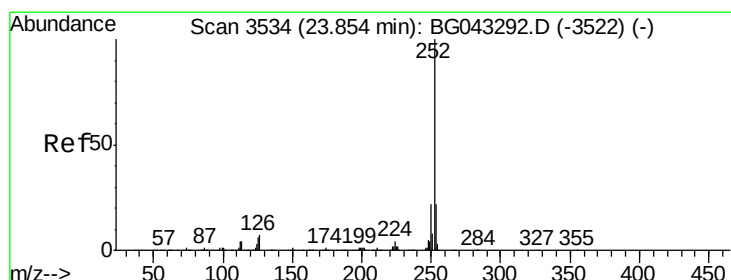
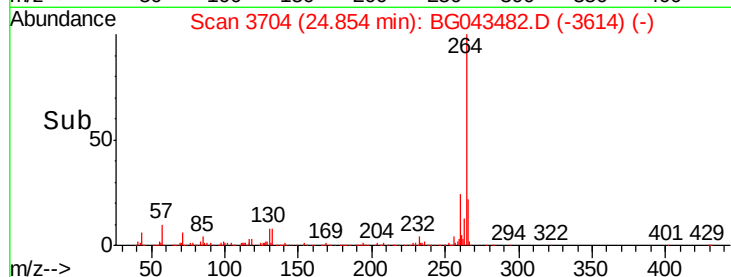
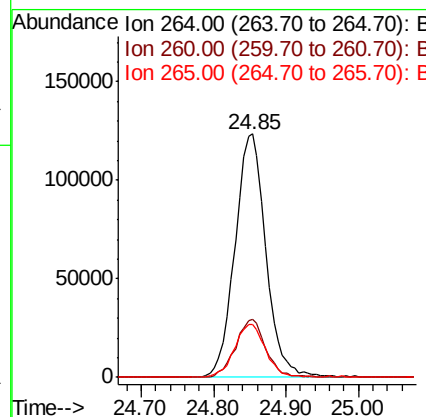
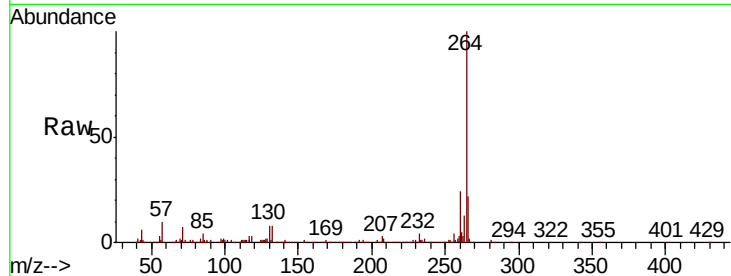
ClientSampleId :

PB124488BSD

Tot Ion:	264	Resp:	365501
Ion Ratio		Lower	Upper
264	100		
260	23.9	17.5	26.3
265	21.7	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 40.179 ng

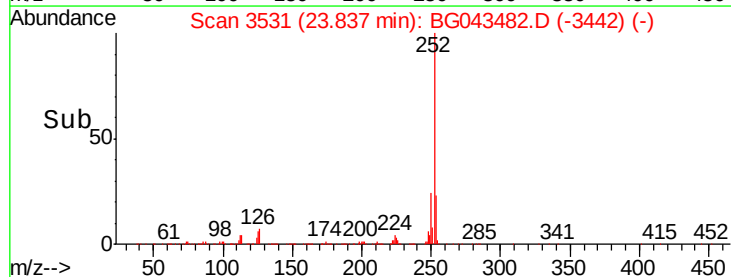
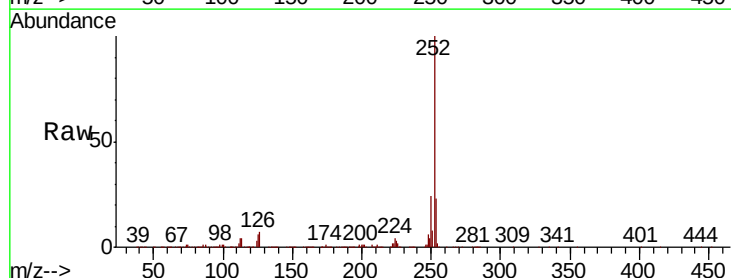
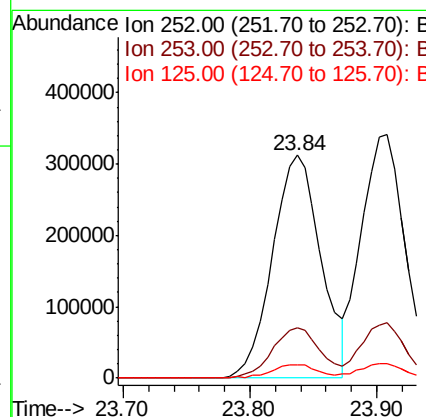
RT: 23.84 min Scan# 3531

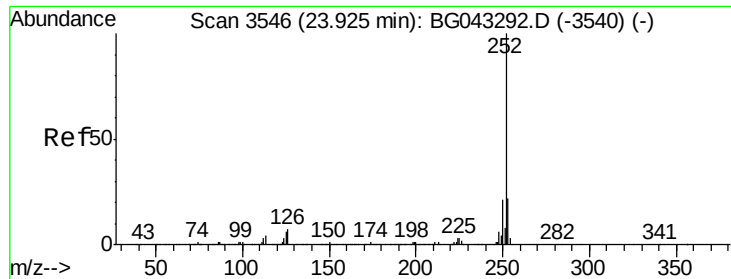
Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:	252	Resp:	831730
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.7	26.5
125	6.1	4.5	6.7





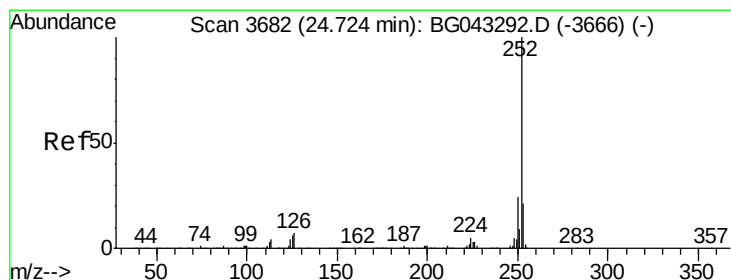
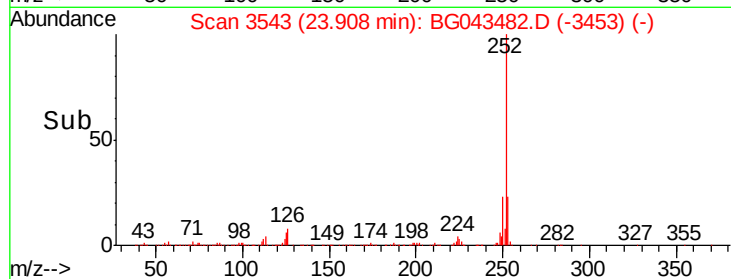
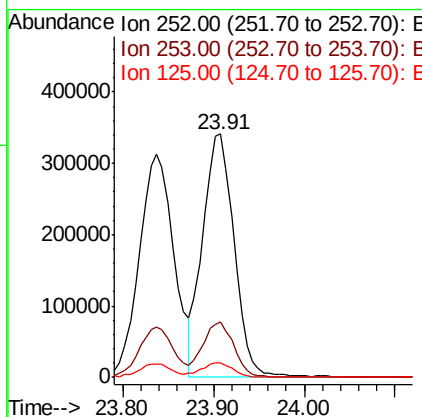
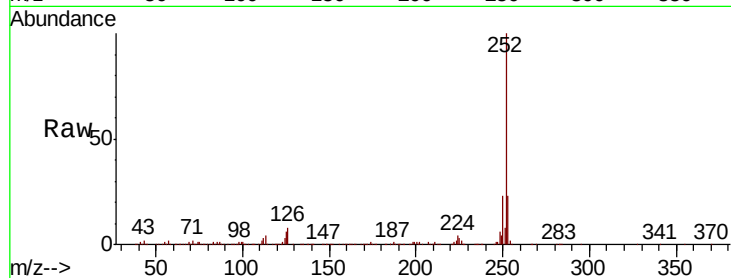
#89
Benzo(k)fluoranthene
Concen: 39.350 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Instrument :
BNA_G
ClientSampleId :
PB124488BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	6.0	4.6	6.8

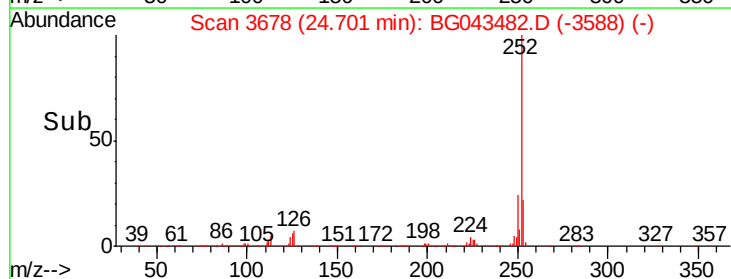
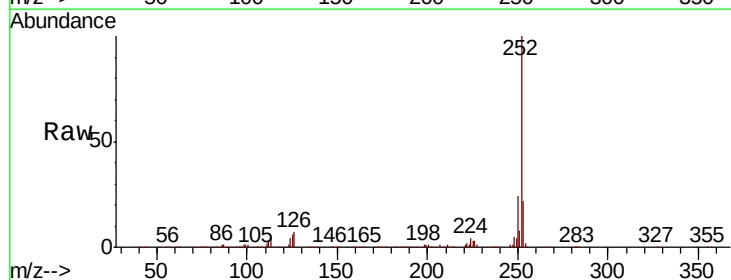
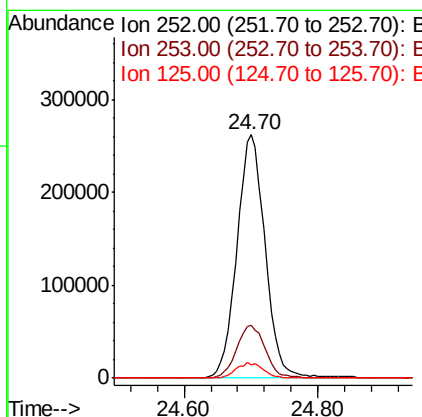
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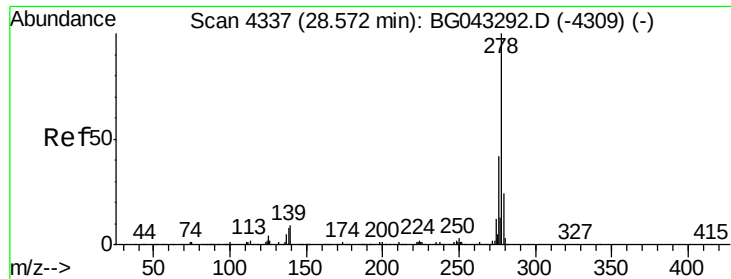
mohammad
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#90
Benzo(a)pyrene
Concen: 38.605 ng
RT: 24.70 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BG043482.D
Acq: 4 Nov 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	5.6	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.068 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Instrument :

BNA_G

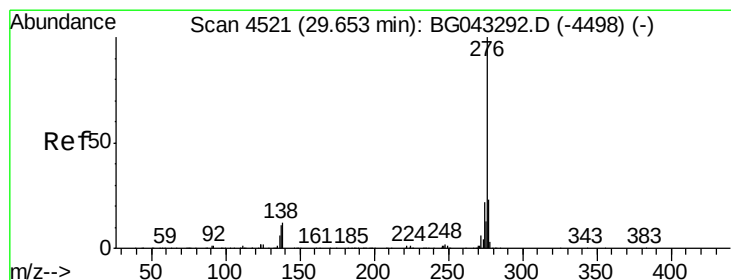
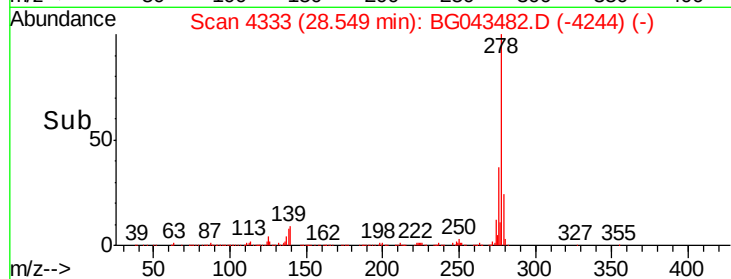
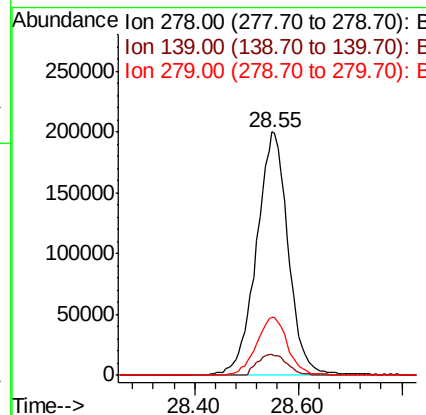
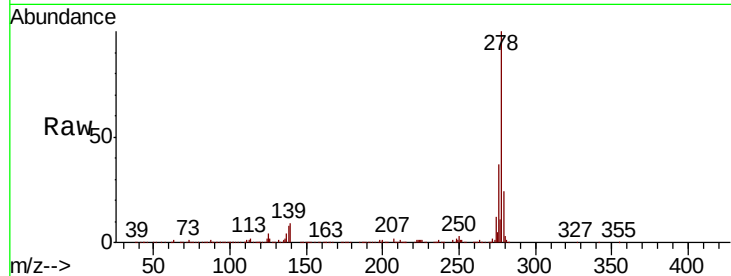
ClientSampleId :

PB124488BSD

Tot Ion:	278	Resp:	850588
Ion Ratio	Lower	Upper	
278	100		
139	8.8	7.4	11.0
279	23.9	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 42.068 ng

RT: 29.63 min Scan# 4517

Delta R.T. 0.00 min

Lab File: BG043482.D

Acq: 4 Nov 2019 15:55

Tgt Ion:	276	Resp:	839029
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.9	28.3
138	12.1	8.9	13.3

