

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044576.D
 Acq On : 25 Feb 2020 14:05
 Operator : CG/JU
 Sample : PB126985BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BS

Manual Integrations
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mohammad
 2/27/2020 5:02:55 PM

Quant Time: Feb 26 05:29:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	66469	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	281192	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	186142	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	434430	20.00	ng	0.00
76) Chrysene-d12	21.51	240	417849	20.00	ng	0.00
87) Perylene-d12	24.57	264	379551	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	500903	120.91	ng	0.00
7) Phenol-d6	7.05	99	658787	116.18	ng	0.00
23) Nitrobenzene-d5	9.03	82	347157	63.60	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	280748	106.37	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	812313	62.49	ng	0.00
79) Terphenyl-d14	19.88	244	1415177	64.11	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.32	88	72291	39.989 ng	99
3) Pyridine	3.72	79	142693	28.288 ng	98
4) n-Nitrosodimethylamine	3.63	42	75306	39.307 ng	96
6) Aniline	7.20	93	206377	29.892 ng	99
8) 2-Chlorophenol	7.44	128	199566	44.129 ng	98
9) Benzaldehyde	7.01	77	53345	15.998 ng	99
10) Phenol	7.08	94	244911	44.568 ng	99
11) bis(2-Chloroethyl)ether	7.29	93	184005	39.831 ng	97
12) 1,3-Dichlorobenzene	7.76	146	203108	37.656 ng	98
13) 1,4-Dichlorobenzene	7.91	146	205292	37.872 ng	98
14) 1,2-Dichlorobenzene	8.23	146	196666	38.151 ng	99
15) Benzyl Alcohol	8.11	79	166863	43.632 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	236869	38.152 ng	98
17) 2-Methylphenol	8.33	107	171822	43.768 ng	97
18) Hexachloroethane	8.96	117	73895	37.301 ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	141035	38.692 ng	# 98
20) 3+4-Methylphenols	8.65	107	232268	43.215 ng	99
22) Acetophenone	8.69	105	270877	38.369 ng	# 98
24) Nitrobenzene	9.07	77	205318	38.828 ng	100
25) Isophorone	9.60	82	396634	38.845 ng	99
26) 2-Nitrophenol	9.79	139	117024	40.807 ng	97
27) 2,4-Dimethylphenol	9.86	122	188350	46.777 ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	248937	36.867 ng	99
29) 2,4-Dichlorophenol	10.33	162	200855	41.723 ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	203463	36.545 ng	99
31) Naphthalene	10.73	128	589804	38.440 ng	99
32) Benzoic acid	10.03	122	116089	62.117 ng	97
33) 4-Chloroaniline	10.83	127	135300	20.021 ng	98
34) Hexachlorobutadiene	11.02	225	119702	34.236 ng	98
35) Caprolactam	11.61	113	77320m	44.866 ng	
36) 4-Chloro-3-methylphenol	11.97	107	208224	42.020 ng	97
37) 2-Methylnaphthalene	12.34	142	436504	38.493 ng	98
38) 1-Methylnaphthalene	12.55	142	414067	38.428 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	224126	35.766 ng	99

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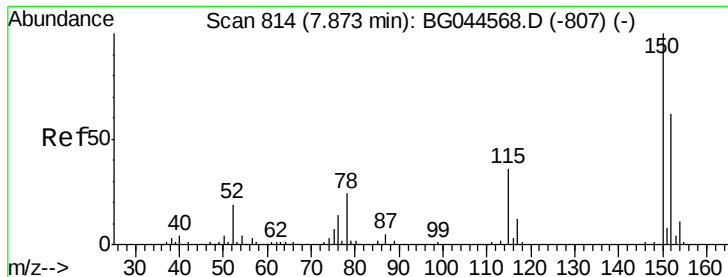
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	179539	62.248	nq	97
43) 2,4,6-Trichlorophenol	12.95	196	163850	40.269	nq	99
44) 2,4,5-Trichlorophenol	13.03	196	175104	41.894	nq	97
46) 1,1'-Biphenyl	13.35	154	557881	36.216	nq	99
47) 2-Chloronaphthalene	13.39	162	436441	36.132	nq	99
48) 2-Nitroaniline	13.59	65	132149	39.411	nq	95
49) Acenaphthylene	14.24	152	692549	38.841	nq	100
50) Dimethylphthalate	13.98	163	570541	37.975	nq	99
51) 2,6-Dinitrotoluene	14.09	165	132219	39.903	nq	99
52) Acenaphthene	14.58	154	420150	36.965	nq	99
53) 3-Nitroaniline	14.42	138	97658	27.328	nq	99
54) 2,4-Dinitrophenol	14.63	184	158338	80.180	nq	97
55) Dibenzofuran	14.92	168	671151	38.517	nq	99
56) 4-Nitrophenol	14.75	139	255960	104.128	nq	98
57) 2,4-Dinitrotoluene	14.89	165	186390	40.011	nq	99
58) Fluorene	15.57	166	530284	38.382	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	160067	41.586	nq	97
60) Diethylphthalate	15.34	149	583324	39.185	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	278125	37.024	nq	100
62) 4-Nitroaniline	15.58	138	129737	36.257	nq	97
63) Azobenzene	15.86	77	495477	39.109	nq	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	115405	42.902	nq	96
66) n-Nitrosodiphenylamine	15.77	169	497520	36.714	nq	99
67) 4-Bromophenyl-phenylether	16.45	248	190215	35.274	nq	98
68) Hexachlorobenzene	16.58	284	208661	34.225	nq	99
69) Atrazine	16.73	200	200136	39.950	nq	99
70) Pentachlorophenol	16.92	266	251417	83.885	nq	99
71) Phenanthrene	17.31	178	900027	37.421	nq	99
72) Anthracene	17.39	178	929734	39.225	nq	99
73) Carbazole	17.66	167	858451	39.790	nq	100
74) Di-n-butylphthalate	18.23	149	1059482	39.189	nq	98
75) Fluoranthene	19.32	202	1083367	38.050	nq	99
77) Benzidine	19.50	184	108245	7.562	nq	99
78) Pyrene	19.68	202	1138748	37.543	nq	99
80) Butylbenzylphthalate	20.57	149	475615	35.848	nq	99
81) Benzo(a)anthracene	21.49	228	1103058	37.560	nq	99
82) 3,3'-Dichlorobenzidine	21.41	252	303113	26.126	nq	98
83) Chrysene	21.55	228	1052078	37.052	nq	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	702187	38.410	nq	98
85) Di-n-octyl phthalate	22.56	149	1236129	38.432	nq	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1332657	36.571	nq	99
88) Benzo(b)fluoranthene	23.60	252	1165638	46.710	nq	99
89) Benzo(k)fluoranthene	23.68	252	1145043	47.290	nq	100
90) Benzo(a)pyrene	24.43	252	1060746	45.241	nq	98
91) Dibenzo(a,h)anthracene	28.12	278	1114270	48.053	nq	99
92) Benzo(g,h,i)perylene	29.15	276	1138763	49.016	nq	99

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



#1

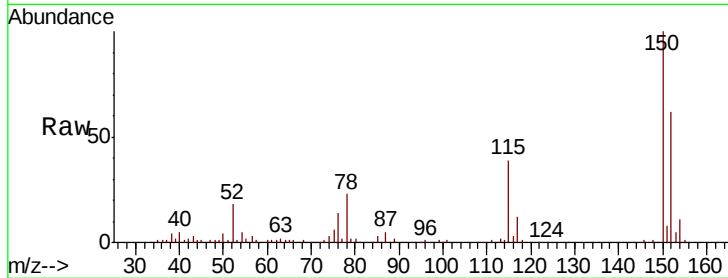
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	128.9	193.3
115	62.9	47.0	70.4

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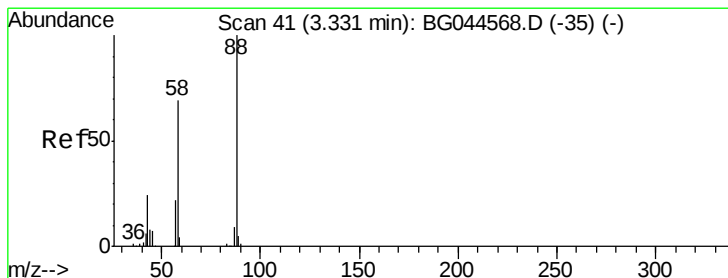
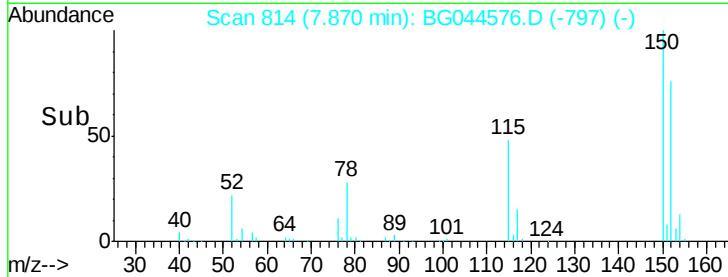
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

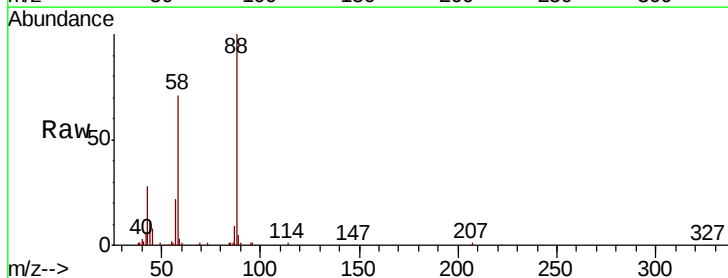
Time-->



#2

1,4-Dioxane
Concen: 39.989 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	55.8	83.8
43	25.2	20.6	31.0



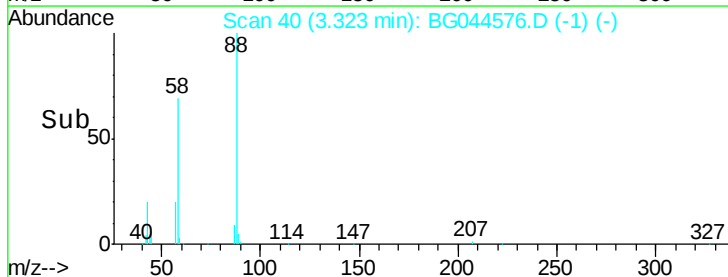
Abundance

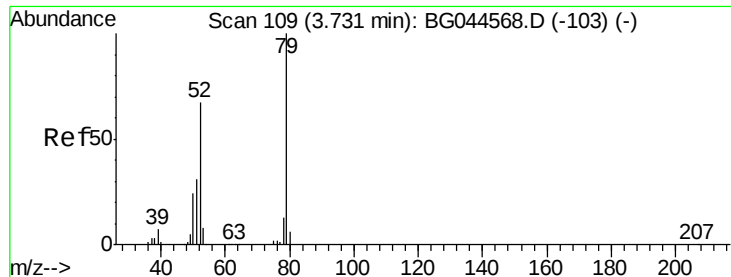
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





#3

Pvridine

Concen: 28.288 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

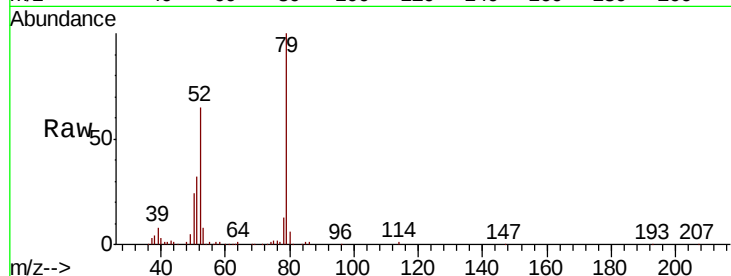
ClientSampleId :

PB126985BS

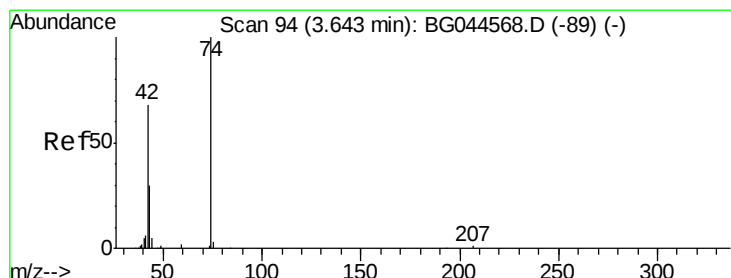
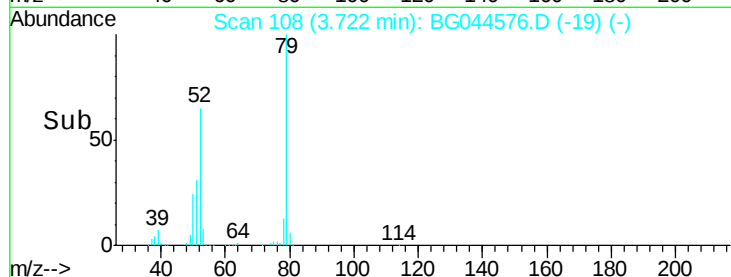
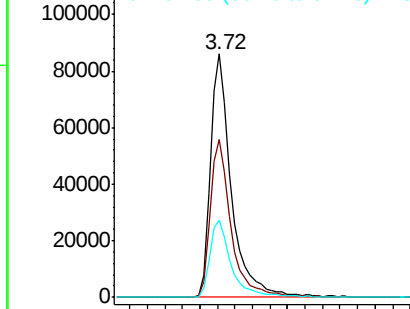
Tot Ion:	79	Resp:	142693
Ion	Ratio	Lower	Upper
79	100		
52	65.0	53.7	80.5
51	31.7	25.4	38.0

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.307 ng

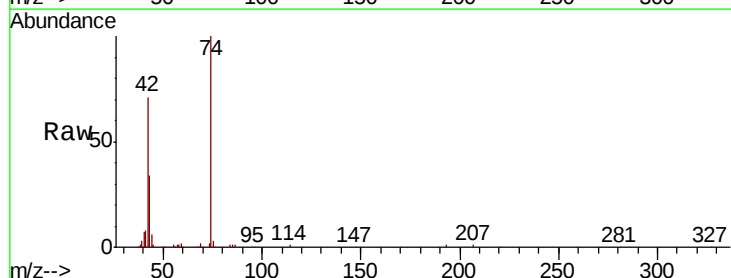
RT: 3.63 min Scan# 93

Delta R.T. -0.01 min

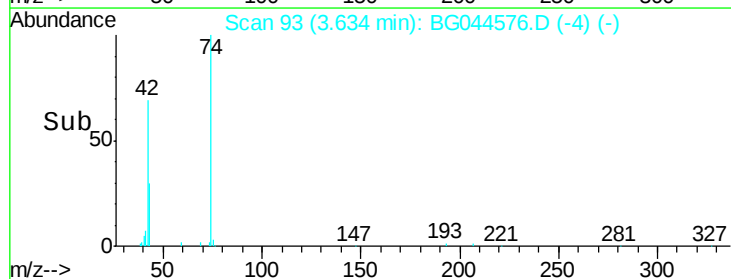
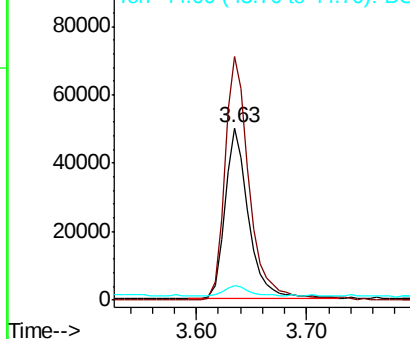
Lab File: BG044576.D

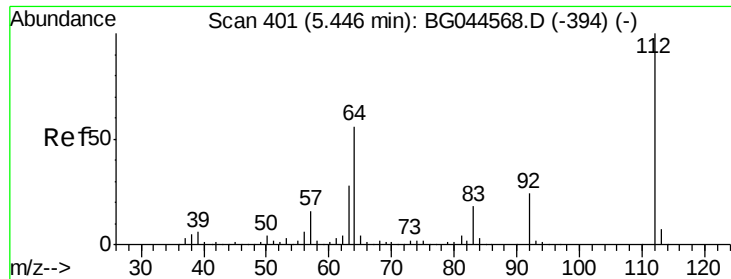
Acq: 25 Feb 2020 14:05

Tgt Ion:	42	Resp:	75306
Ion	Ratio	Lower	Upper
42	100		
74	141.3	117.6	176.4
44	8.3	6.3	9.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.911 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

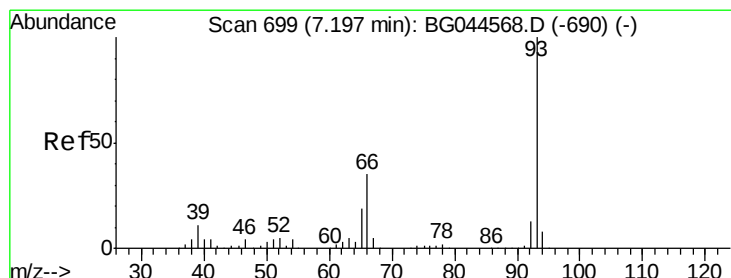
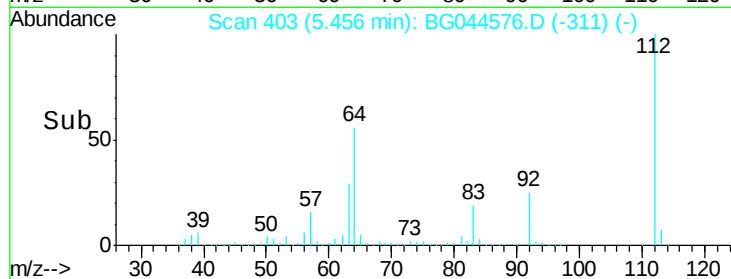
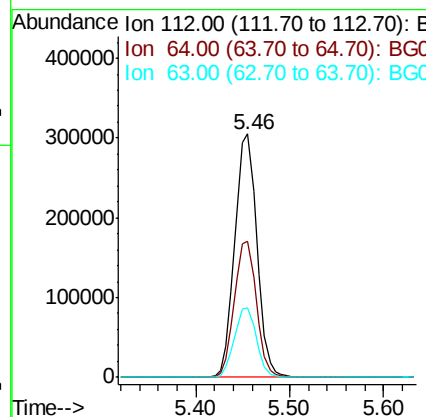
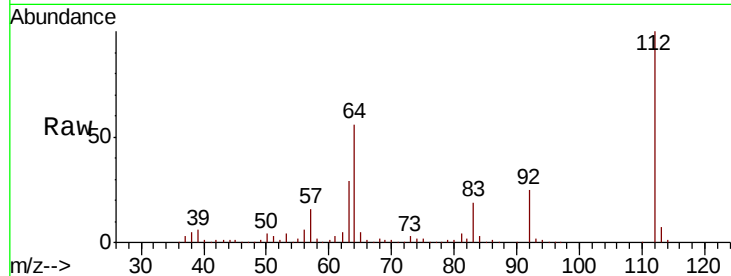
ClientSampleId :

PB126985BS

Tot Ion:	112	Resp:	500903
Ion Ratio	Lower	Upper	
112	100		
64	55.6	44.8	67.2
63	28.7	22.3	33.5

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#6

Aniline

Concen: 29.892 ng

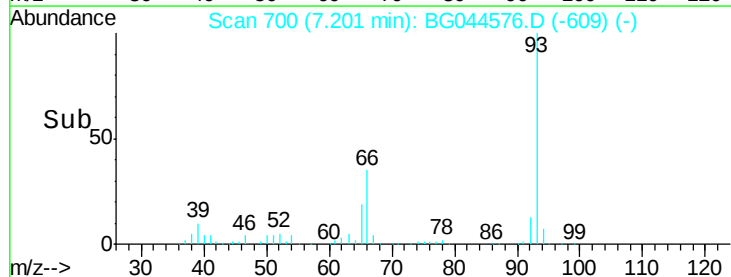
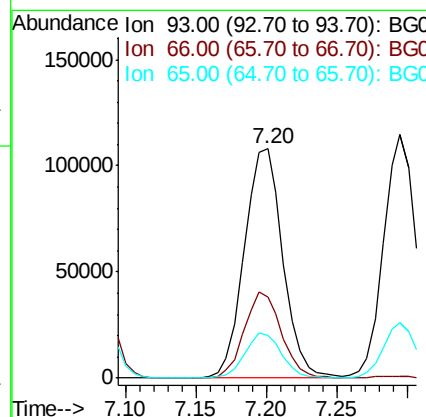
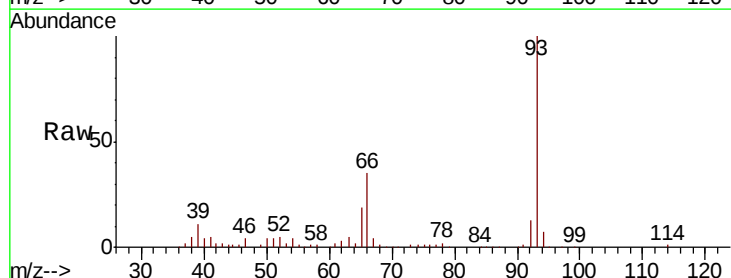
RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion:	93	Resp:	206377
Ion Ratio	Lower	Upper	
93	100		
66	35.2	27.8	41.8
65	18.5	14.9	22.3





#7

Phenol-d6

Concen: 116.175 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

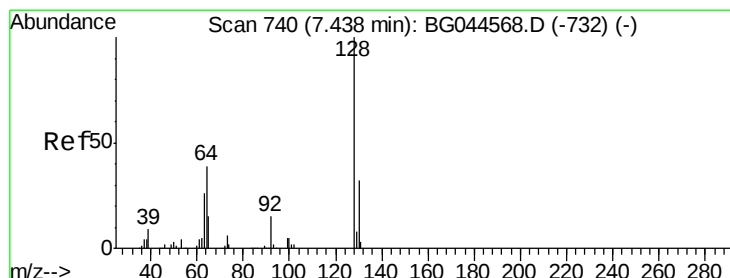
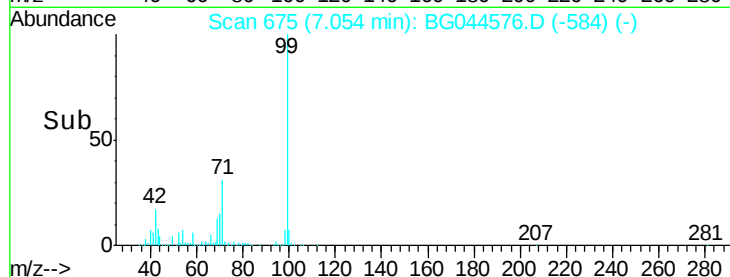
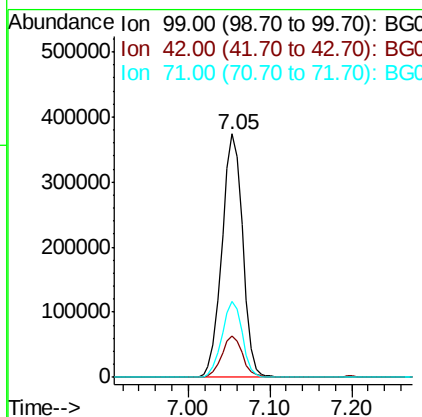
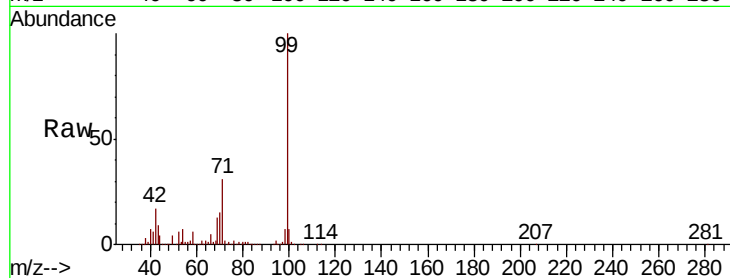
ClientSampled :

PB126985BS

Tot Ion:	99	Resp:	658787
Ion Ratio	Lower	Upper	
99	100		
42	17.1	12.8	19.2
71	31.3	24.4	36.6

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#8

2-Chlorophenol

Concen: 44.129 ng

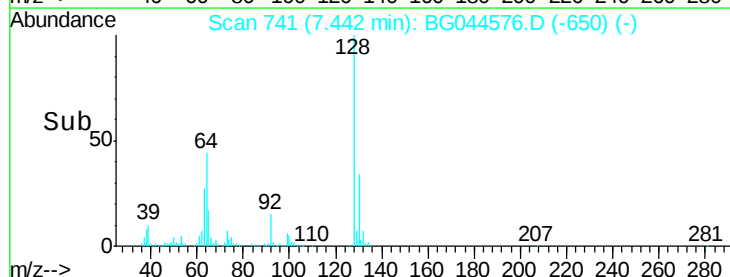
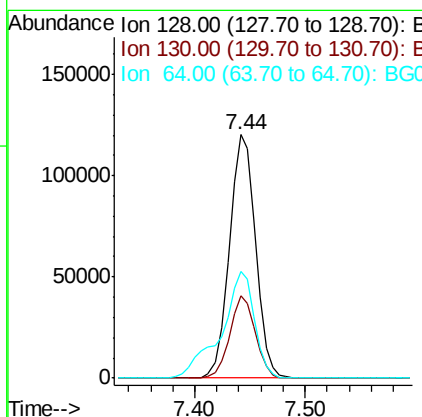
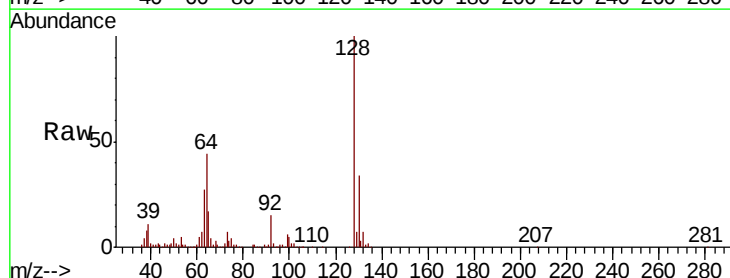
RT: 7.44 min Scan# 741

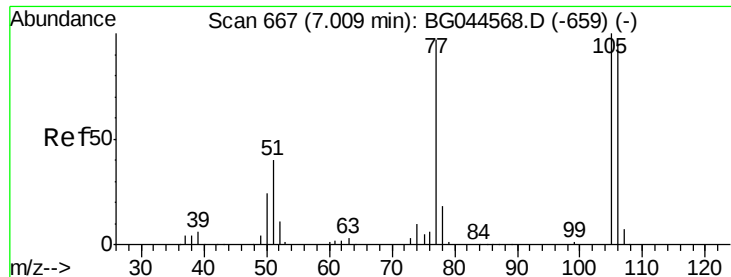
Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion:	128	Resp:	199566
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.3	52.3
64	43.9	22.5	62.5





#9

Benzaldehyde

Concen: 15.998 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB126985BS

Tot Ion: 77 Resp: 53345

Ion Ratio Lower Upper

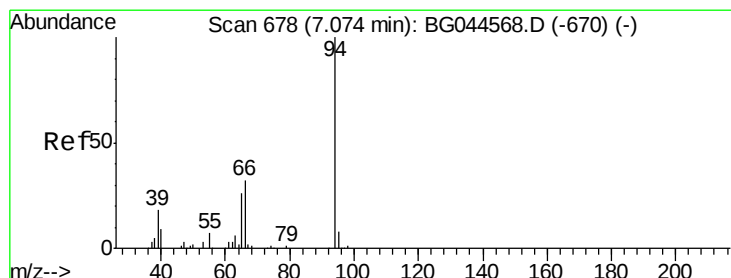
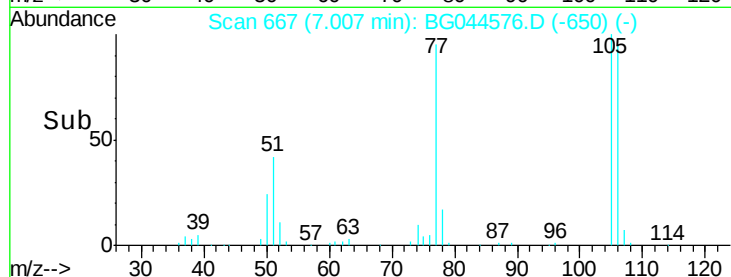
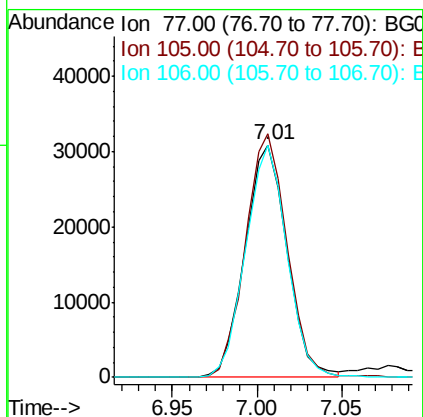
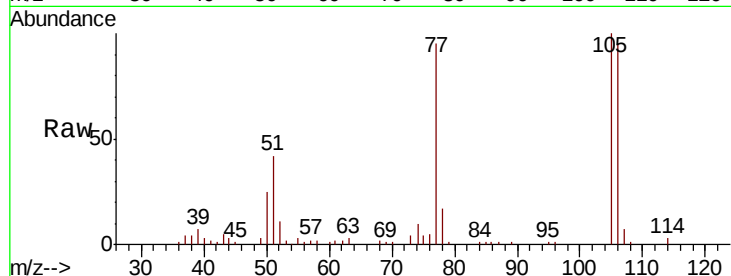
77 100

105 104.7 83.6 123.6

106 99.7 78.2 118.2

Manual Integrations
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#10

Phenol

Concen: 44.568 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

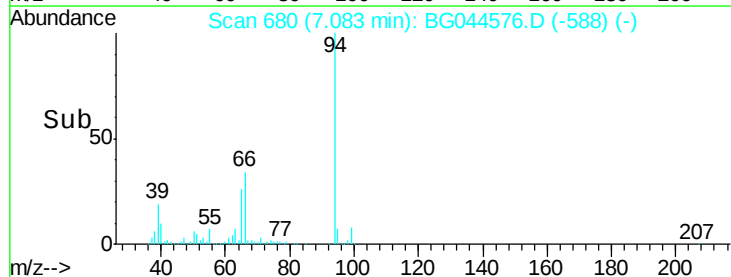
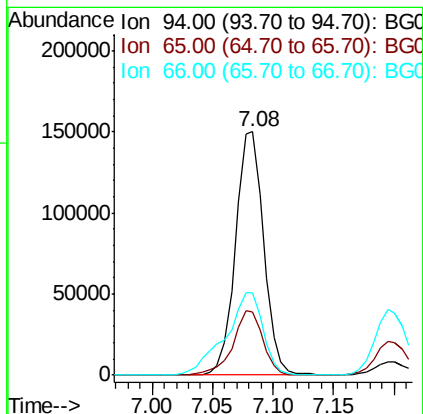
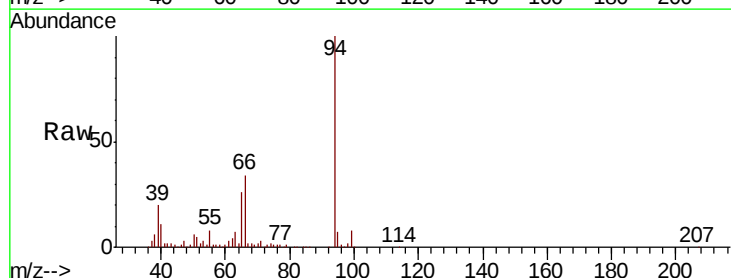
Tgt Ion: 94 Resp: 244911

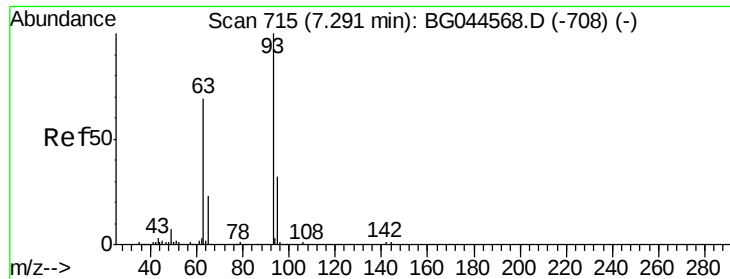
Ion Ratio Lower Upper

94 100

65 25.9 6.4 46.4

66 33.6 13.9 53.9





#11

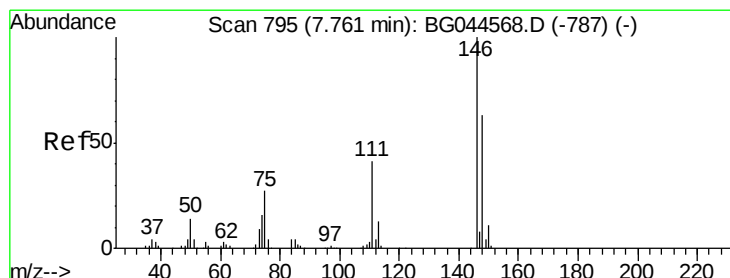
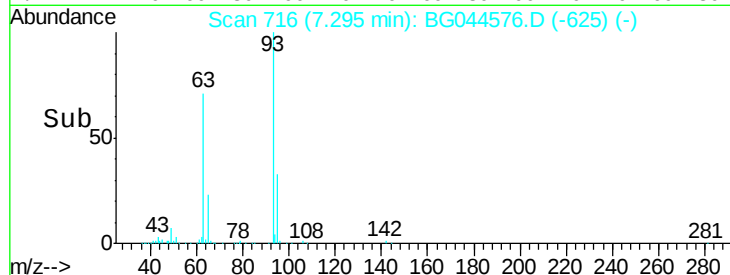
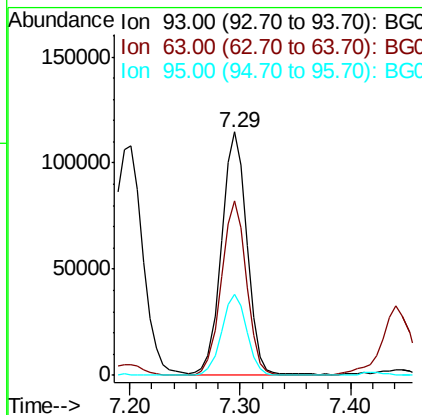
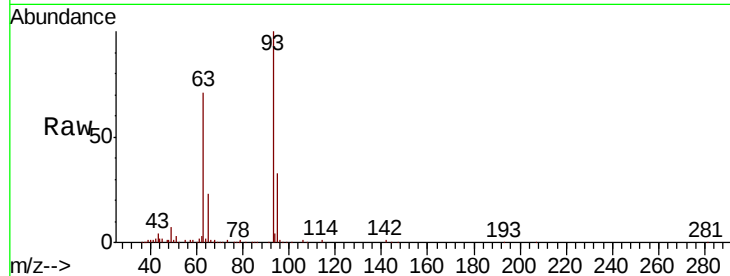
bis(2-Chloroethyl)ether
Concen: 39.831 ng
RT: 7.29 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampled :
PB126985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		184005		
63	71.4	48.9	88.9		
95	33.2	11.3	51.3		

Manual Integrations
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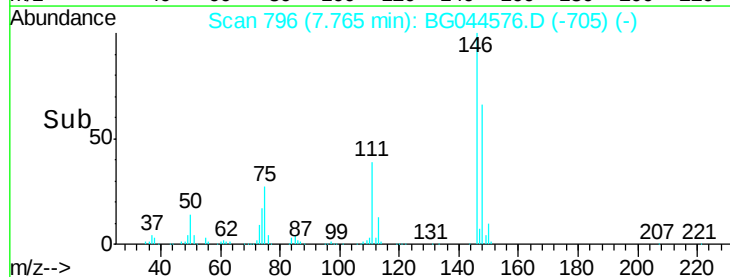
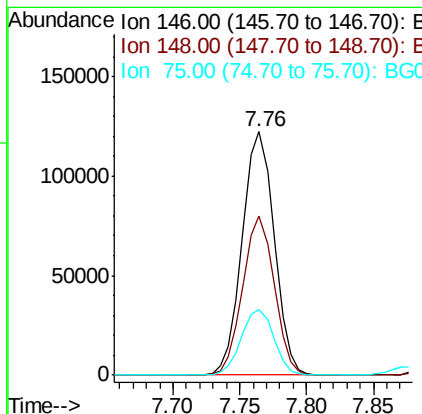
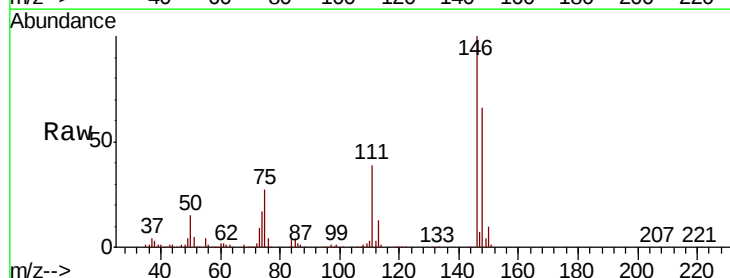
mohammad
2/27/2020 5:02:55 PM

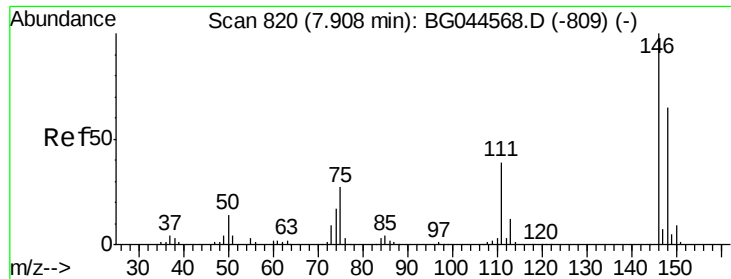


#12

1,3-Dichlorobenzene
Concen: 37.656 ng
RT: 7.76 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		203108		
148	65.5	50.6	75.8		
75	26.9	21.4	32.0		





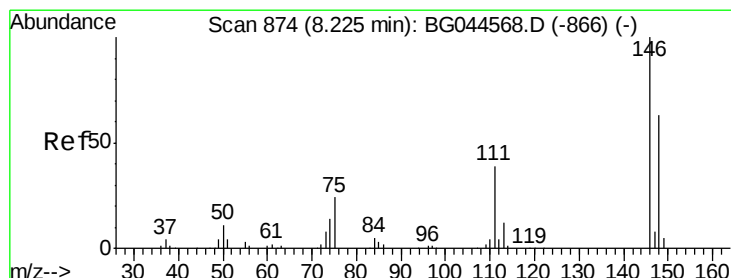
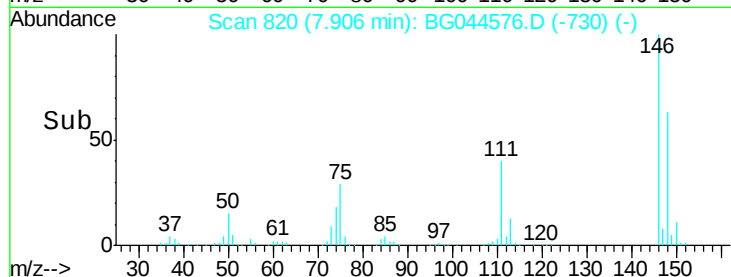
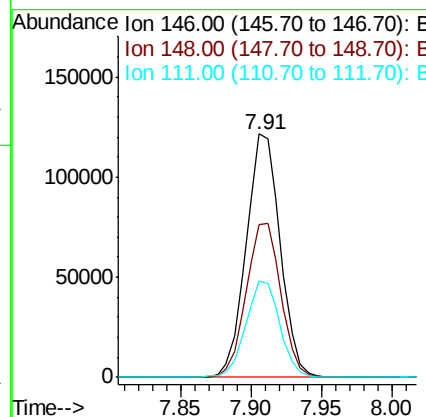
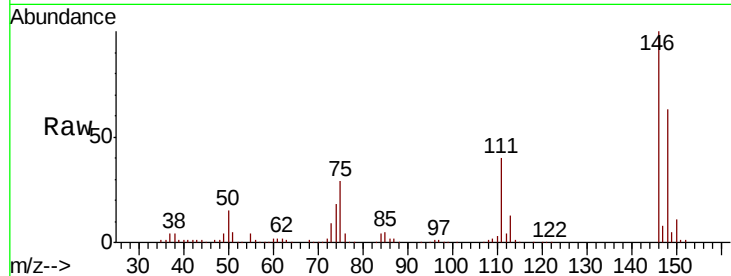
#13
 1,4-Dichlorobenzene
 Concen: 37.872 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
111	39.8	30.8	46.2

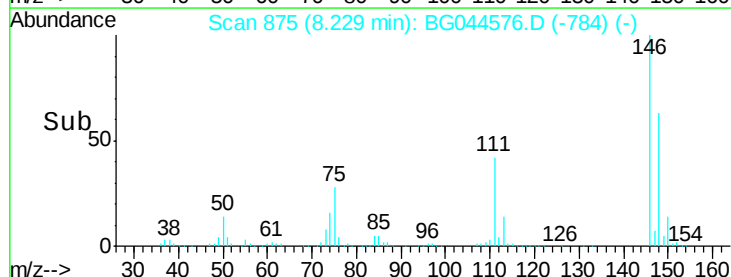
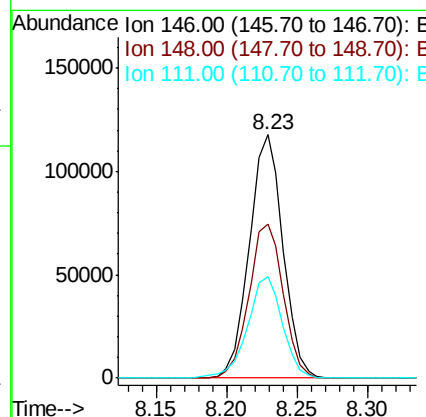
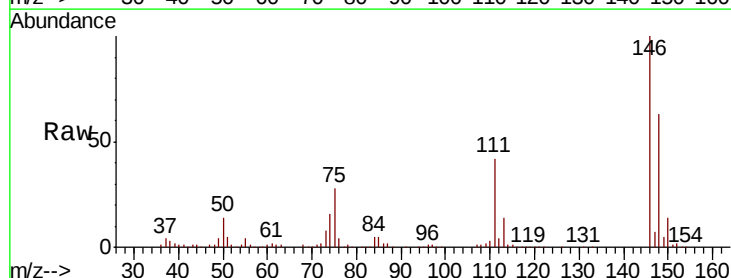
Manual Integrations
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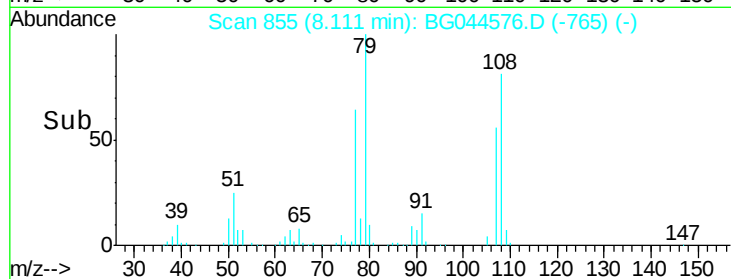
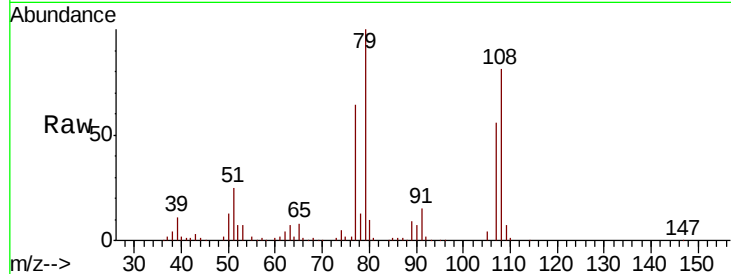
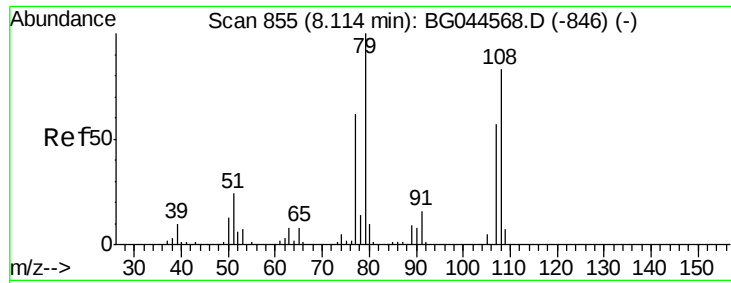
mohammad
 2/27/2020 5:02:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.151 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.7	76.1
111	41.7	31.8	47.6





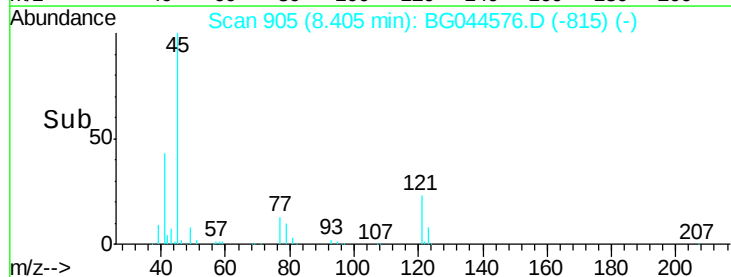
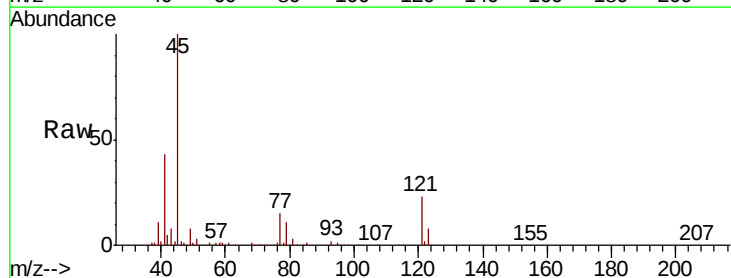
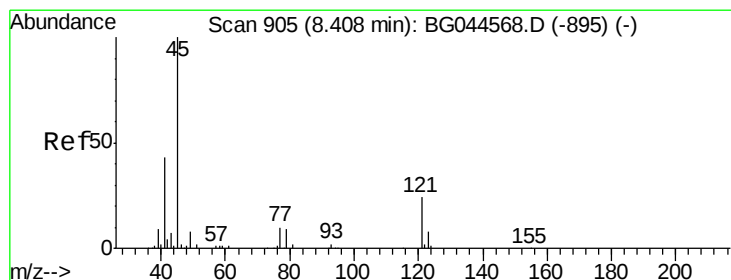
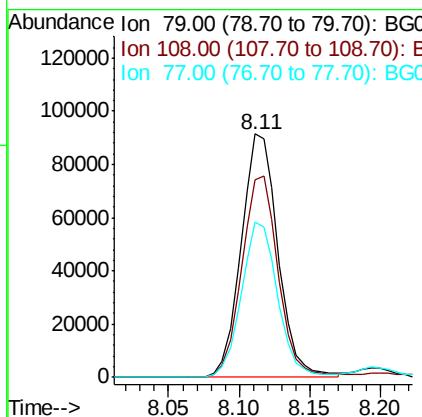
#15
Benzyl Alcohol
Concen: 43.632 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	66.0	99.0
77	63.6	49.6	74.4

Instrument :
BNA_G
ClientSampleId :
PB126985BS

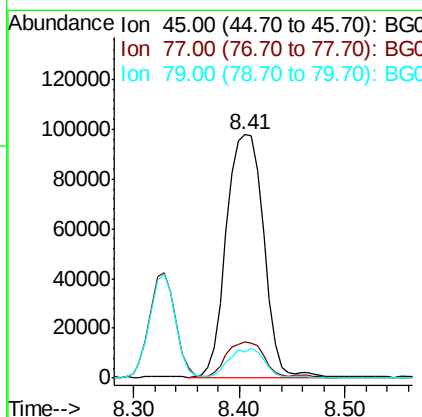
Manual Integrations
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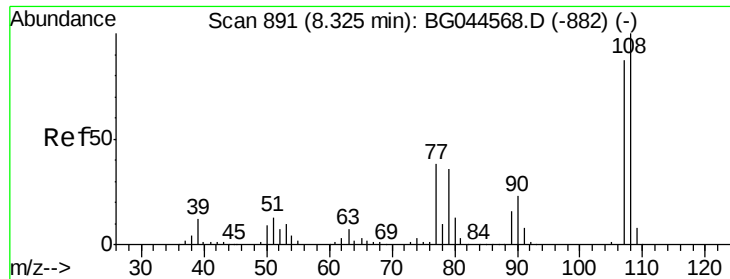
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.152 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.4
79	10.8	0.0	32.3





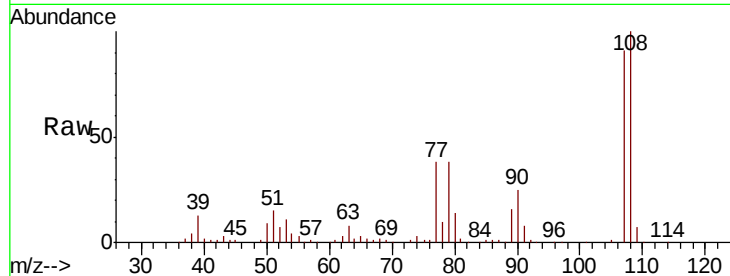
#17
2-Methylphenol
Concen: 43.768 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion:	107	Resp:	171822
Ion Ratio	Lower	Upper	
107	100		
108	109.8	91.7	137.5
77	42.1	35.1	52.7
79	41.5	33.2	49.8

Manual Integrations
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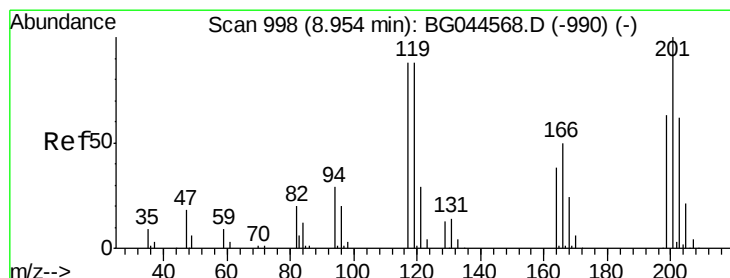
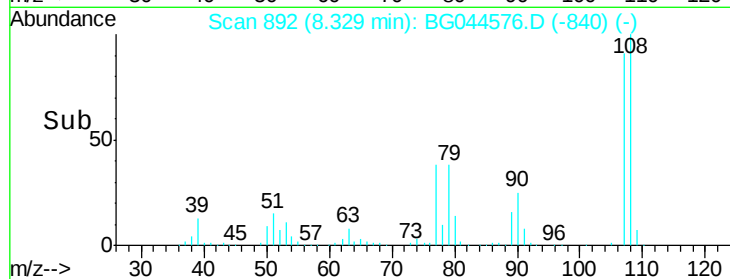
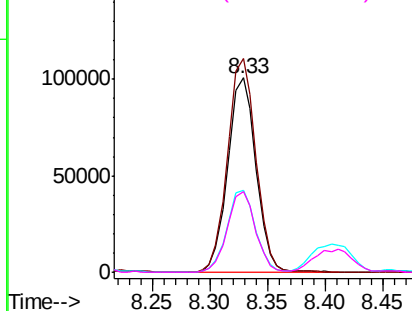
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

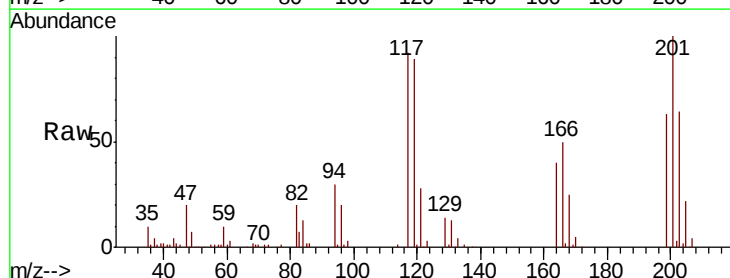
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.301 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion:	117	Resp:	73895
Ion Ratio	Lower	Upper	
117	100		
119	97.2	80.0	120.0
201	108.7	90.5	135.7

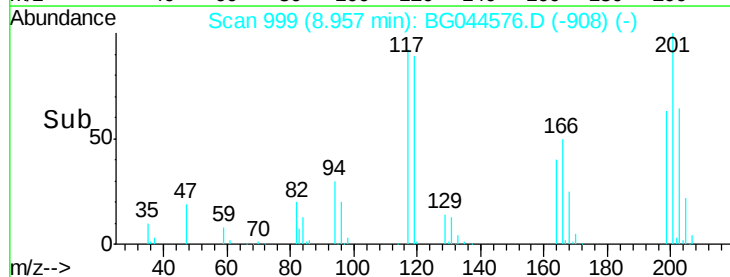
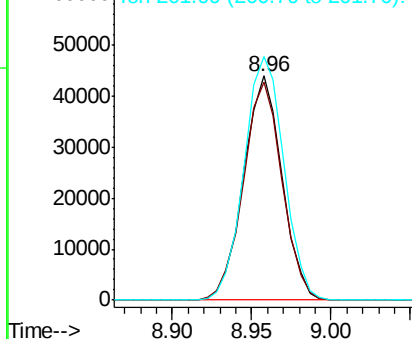


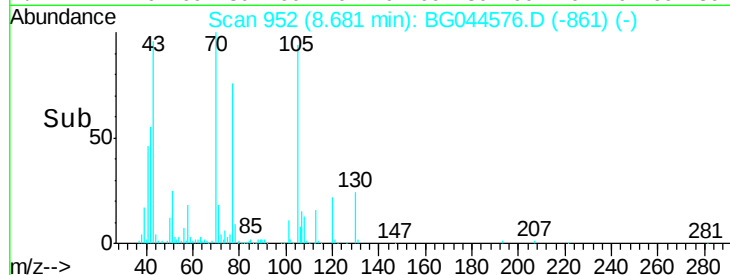
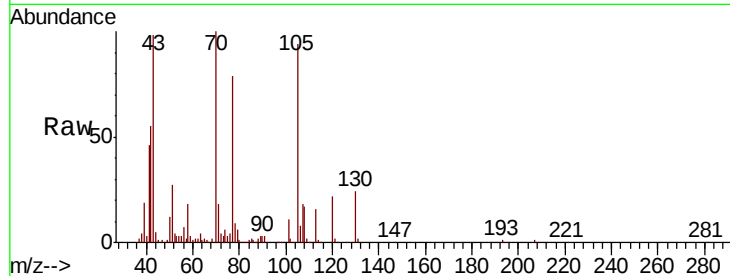
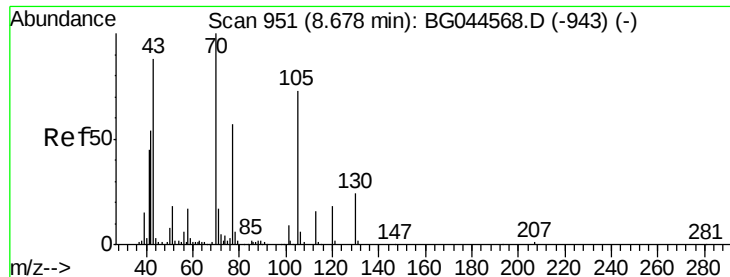
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





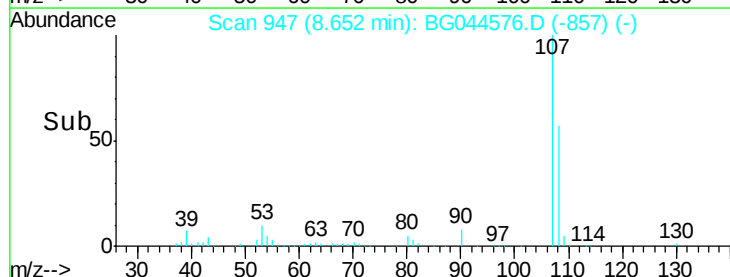
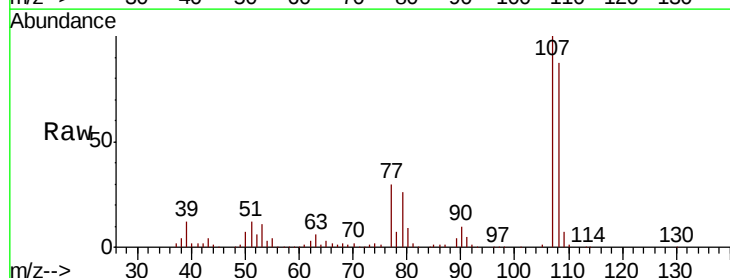
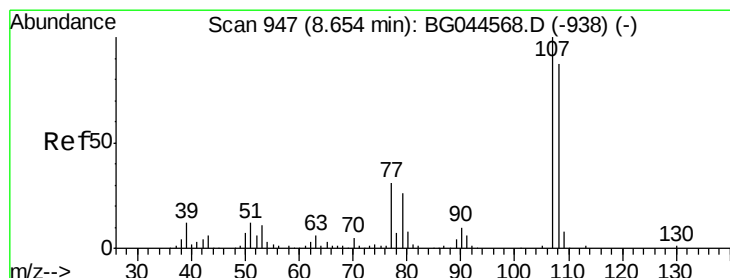
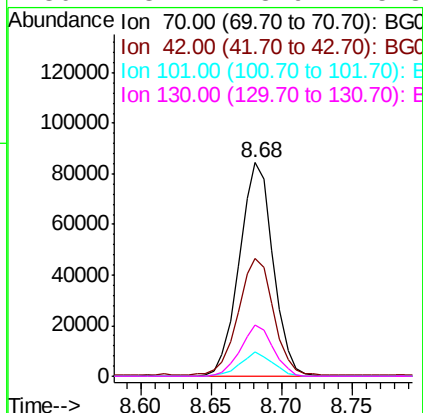
#19
n-Nitroso-di-n-propylamine
Concen: 38.692 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	43.4	65.0	
101	11.4	7.5	11.3	
130	23.7	18.9	28.3	

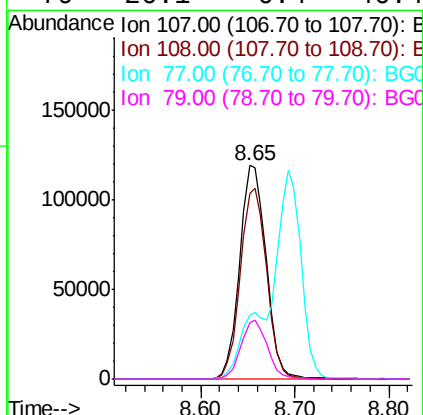
Manual Integrations
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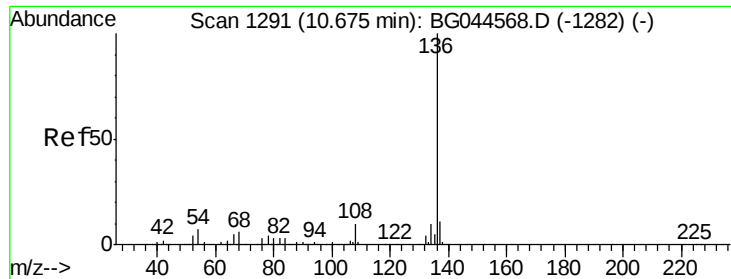
mohammad
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#20
3+4-Methylphenols
Concen: 43.215 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	67.5	107.5	
77	30.1	11.3	51.3	
79	26.1	6.4	46.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

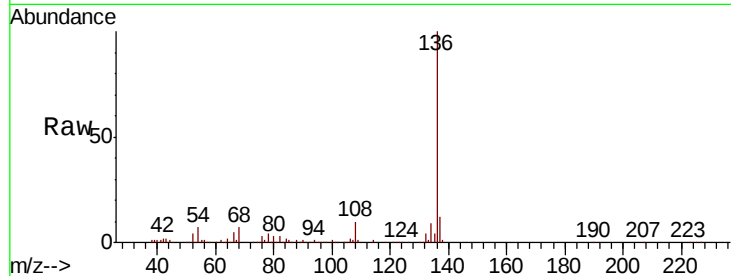
ClientSampleId :

PB126985BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281192		
137	11.7	8.8	13.2	
54	7.3	5.7	8.5	
68	6.6	4.5	6.7	

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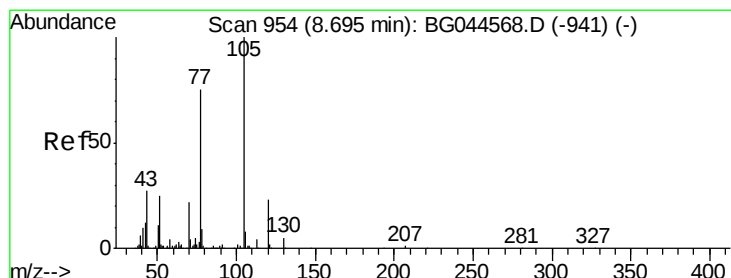
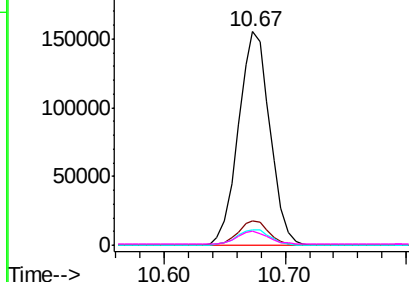
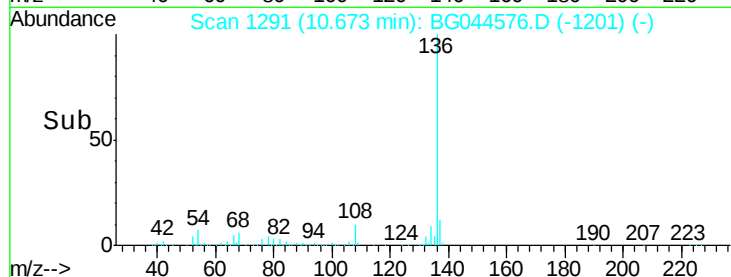


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.369 ng

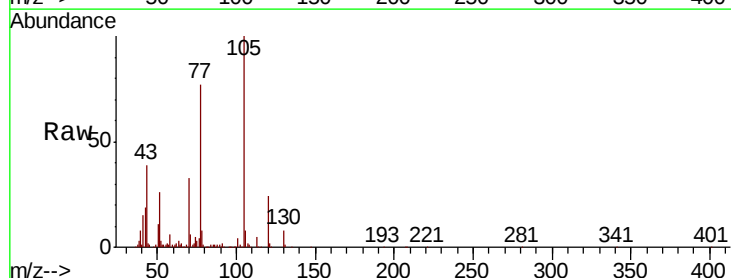
RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270877		
71	5.9	2.8	4.2#	
51	26.3	19.9	29.9	
120	23.9	18.6	28.0	

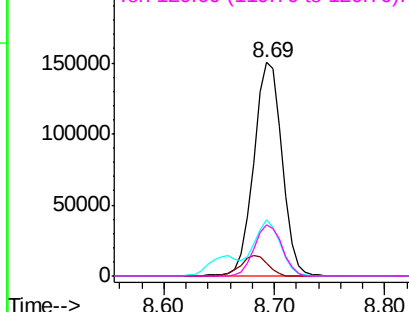
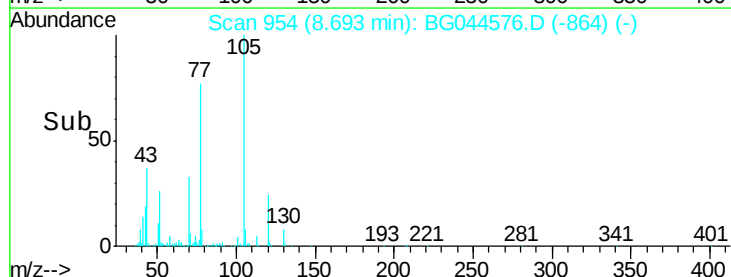


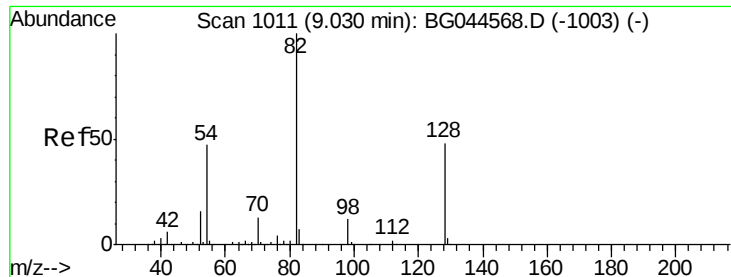
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





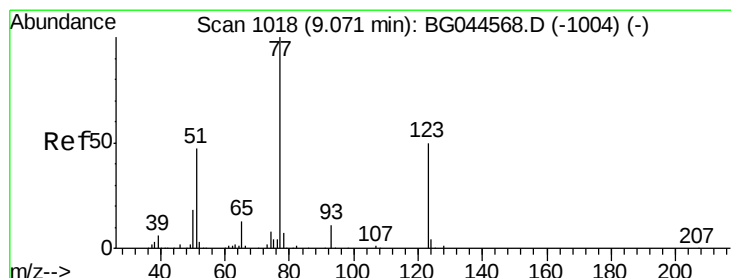
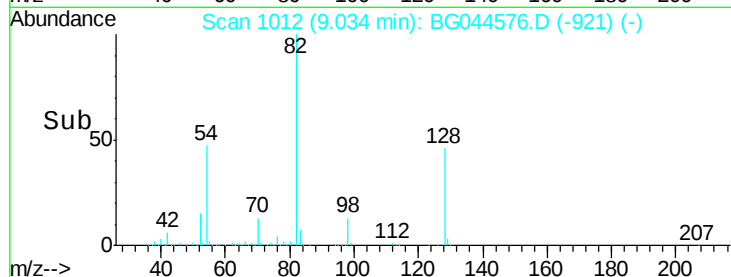
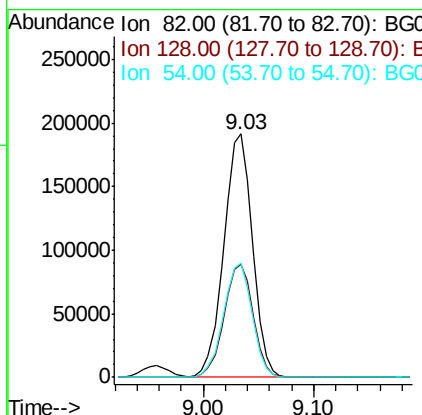
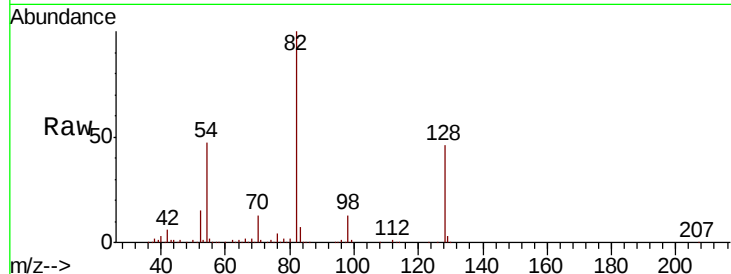
#23
Nitrobenzene-d5
Concen: 63.604 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	347157		
128	46.3	38.1	57.1	
54	46.8	37.5	56.3	

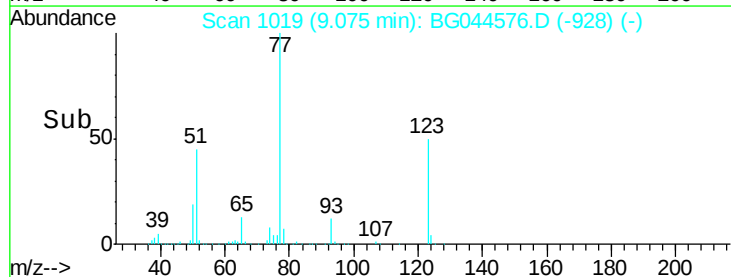
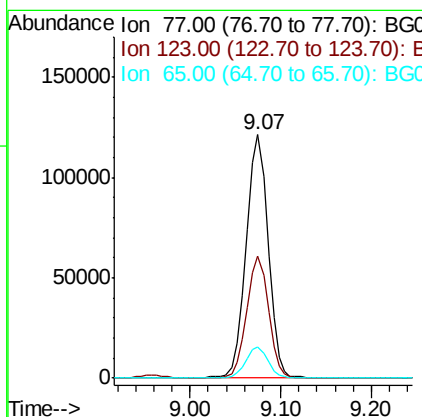
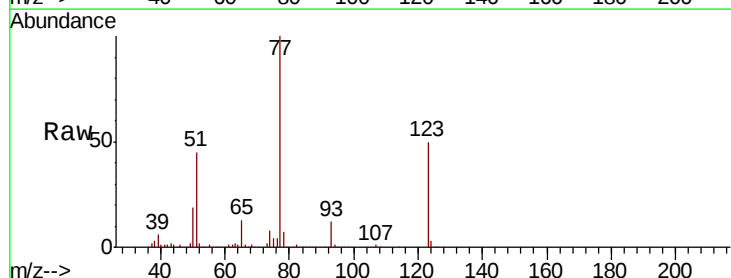
Manual Integrations
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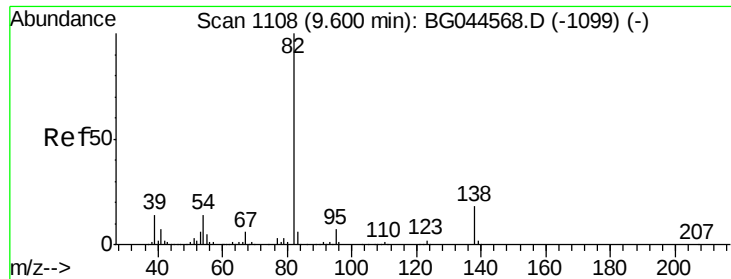
mohammad
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#24
Nitrobenzene
Concen: 38.828 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	205318		
123	49.9	40.1	60.1	
65	12.9	10.4	15.6	





#25

Isophorone

Concen: 38.845 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

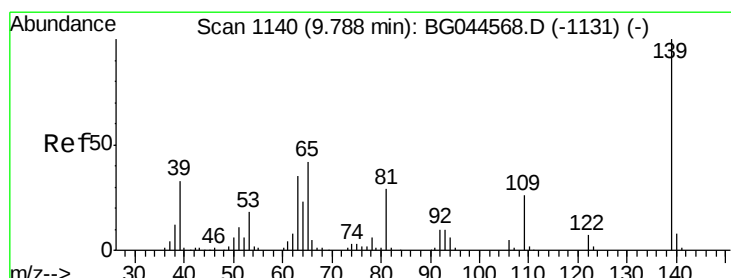
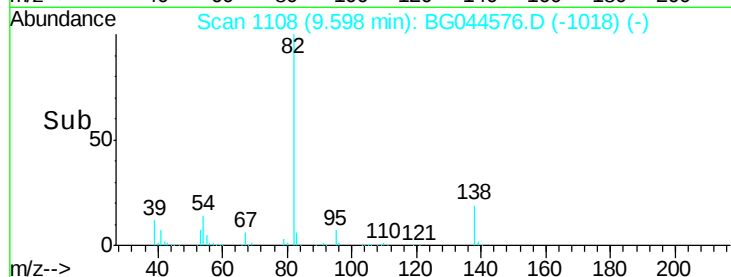
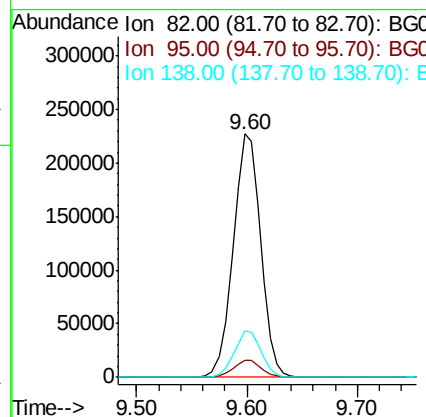
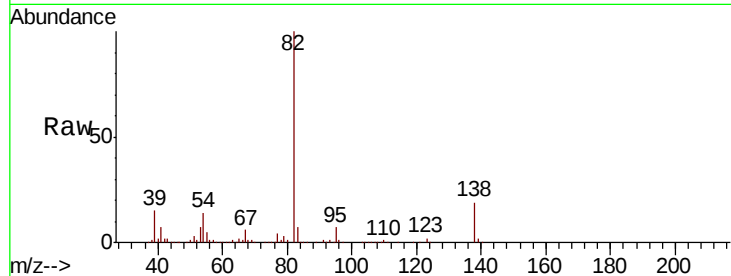
ClientSampleId :

PB126985BS

Tot Ion:	82	Resp:	396634
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.9	14.7	22.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.807 ng

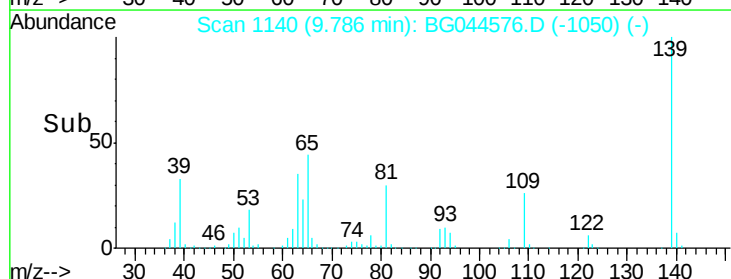
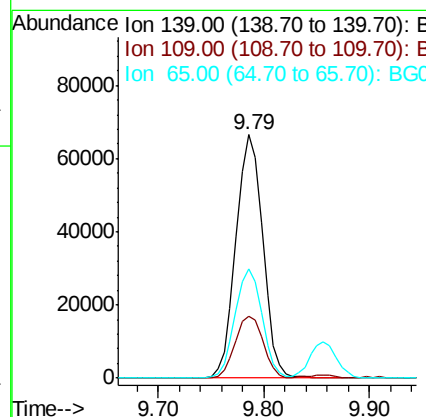
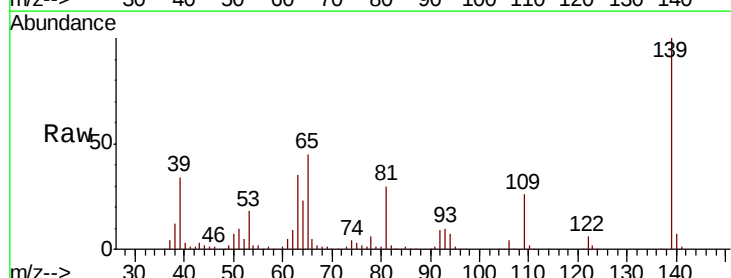
RT: 9.79 min Scan# 1140

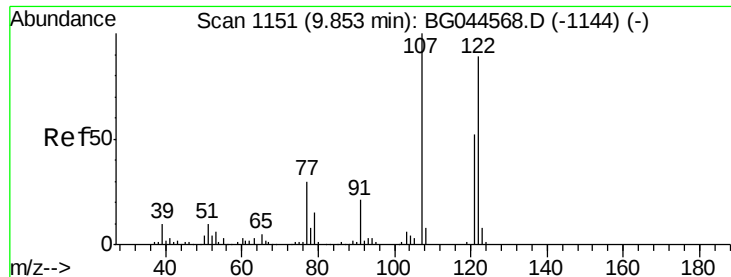
Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion:	139	Resp:	117024
Ion	Ratio	Lower	Upper
139	100		
109	25.6	20.6	31.0
65	44.6	33.3	49.9





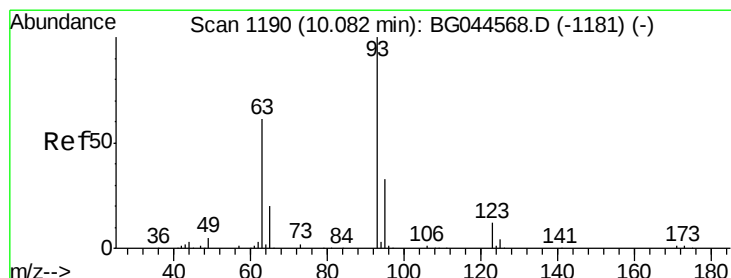
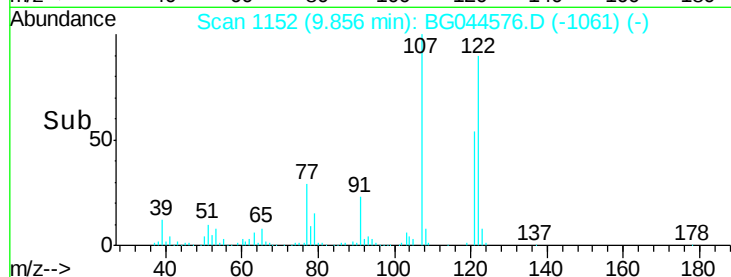
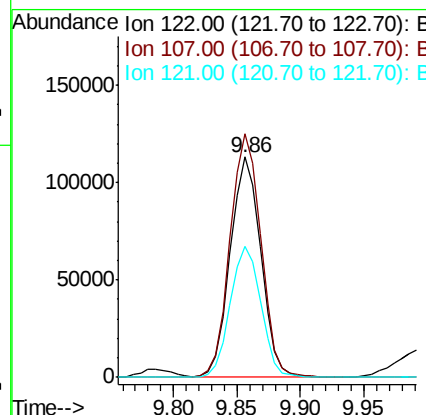
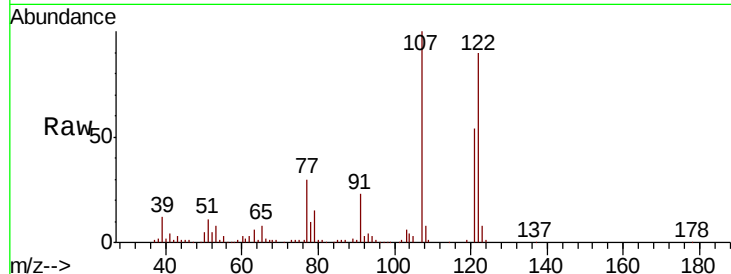
#27
2,4-Dimethylphenol
Concen: 46.777 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		188350		
107	110.7	89.4	134.0		
121	59.4	46.5	69.7		

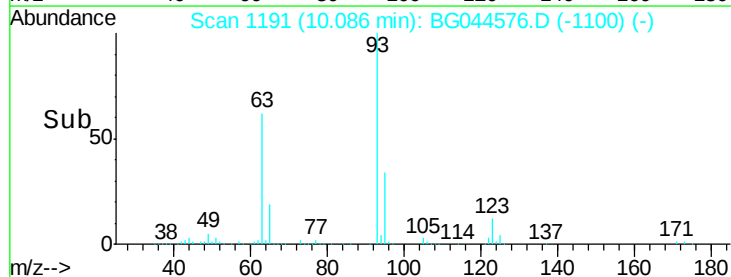
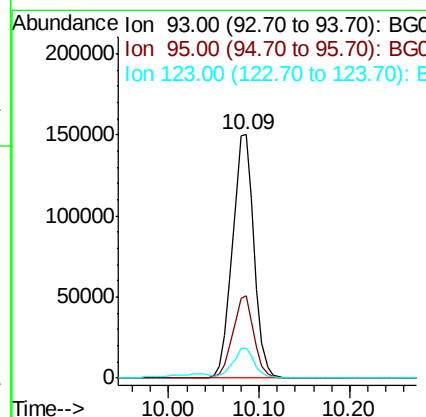
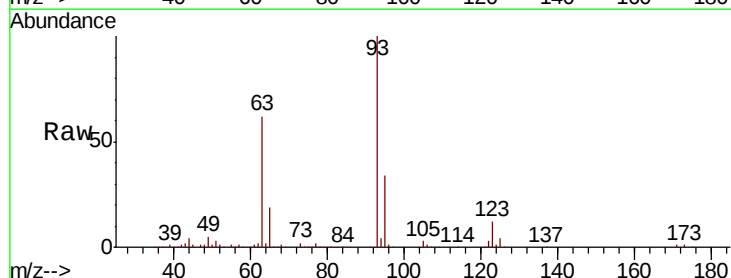
Manual Integrations
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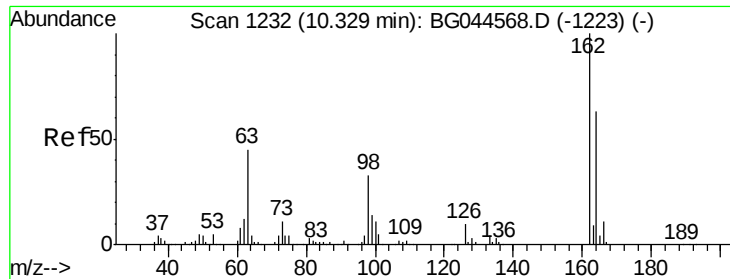
mohammad
2/27/2020 5:02:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.867 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		248937		
95	33.6	26.5	39.7		
123	12.3	9.7	14.5		





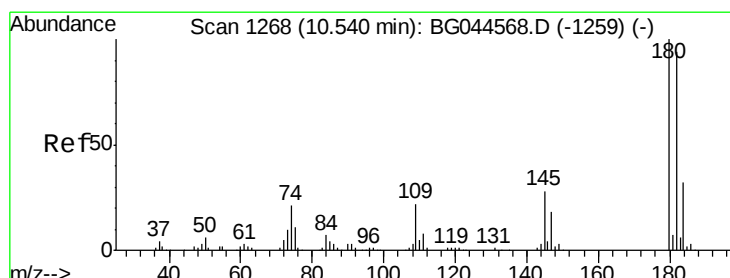
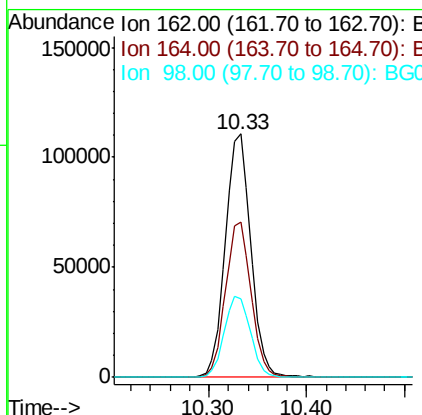
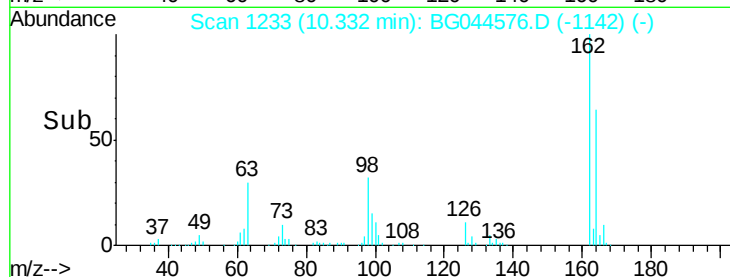
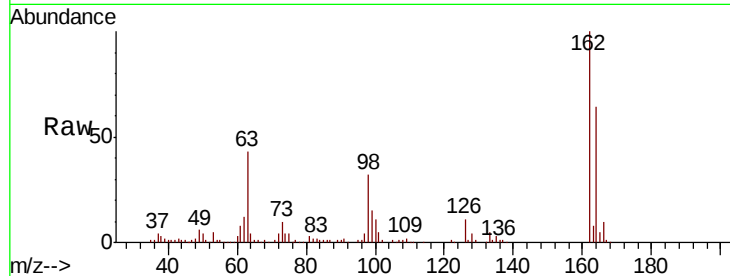
#29
 2,4-Dichlorophenol
 Concen: 41.723 ng
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Instrument :
 BNA_G
 ClientSampled :
 PB126985BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	200855		
164	64.0		43.2	83.2
98	32.5		13.2	53.2

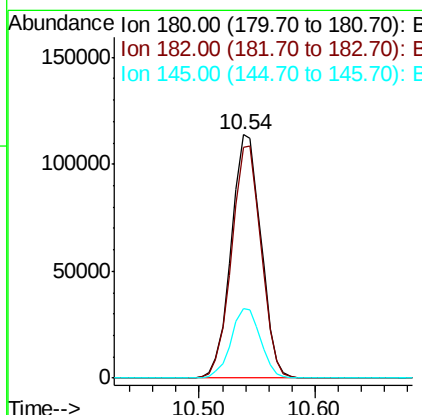
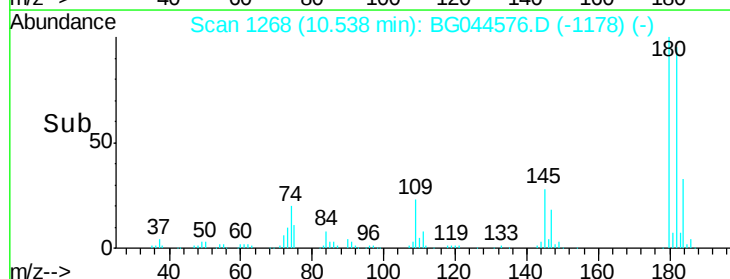
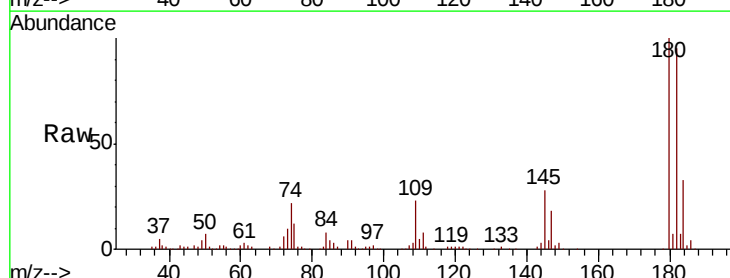
Manual Integrations
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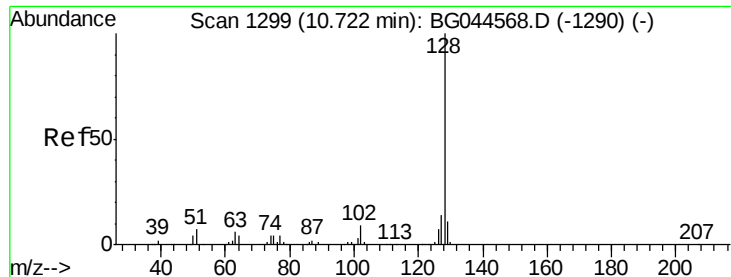
mohammad
 2/27/2020 5:02:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.545 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203463		
182	95.0		75.6	113.4
145	28.3		22.2	33.2





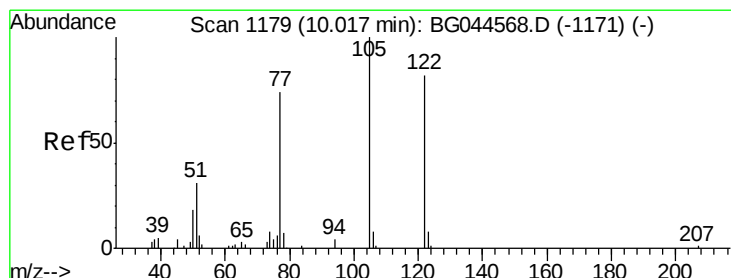
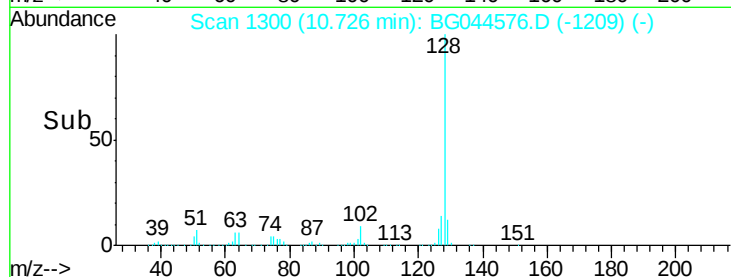
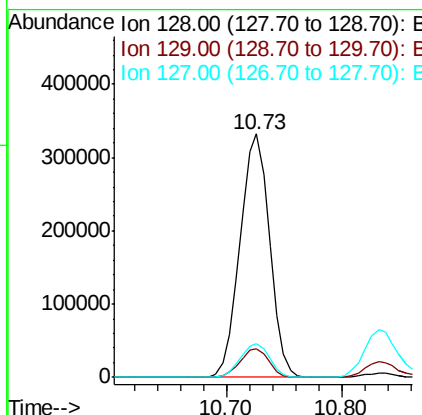
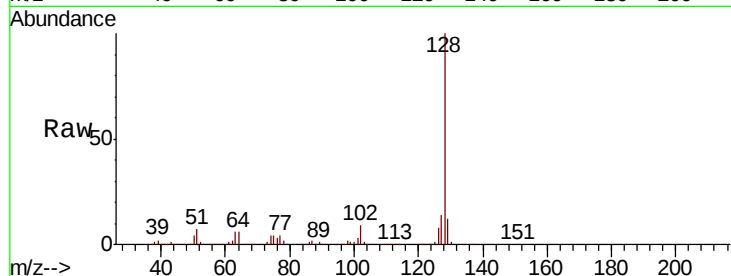
#31
Naphthalene
Concen: 38.440 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.1	11.0	16.4

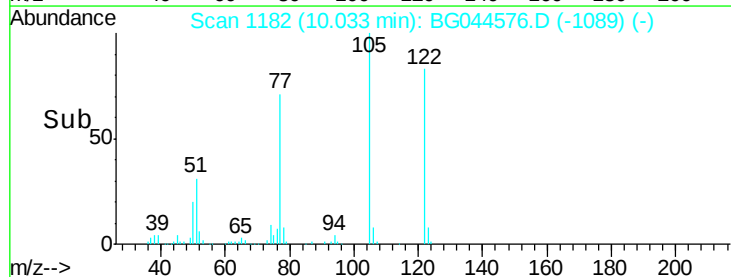
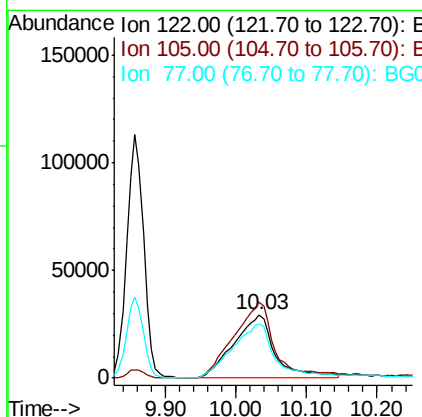
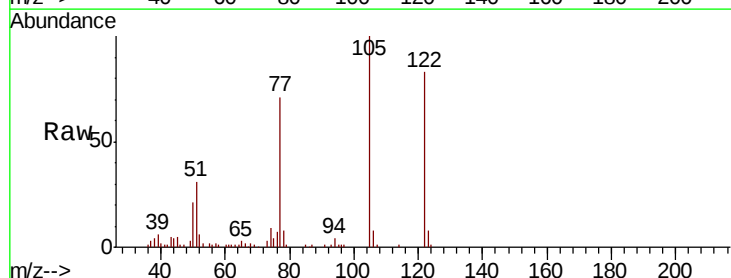
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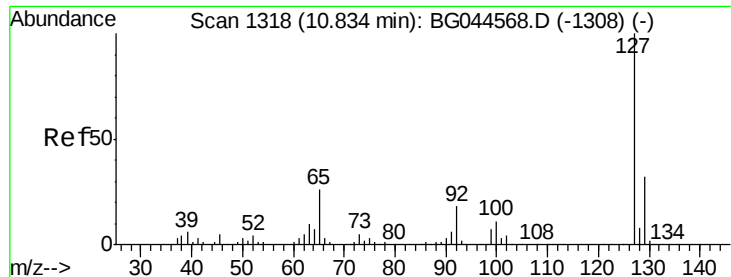
mohammad
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#32
Benzoic acid
Concen: 62.117 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	101.4	141.4
77	85.5	69.8	109.8





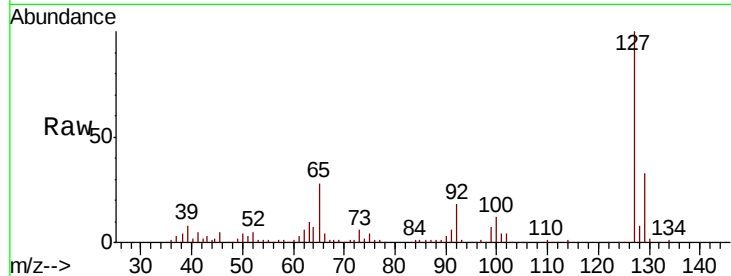
#33
4-Chloroaniline
Concen: 20.021 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampled :
PB126985BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	27.5	20.7	31.1
92	18.0	14.2	21.2

Manual Integrations
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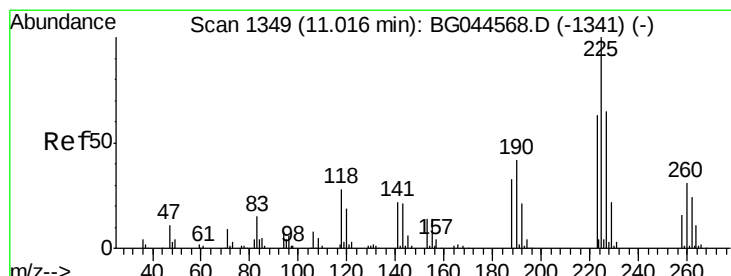
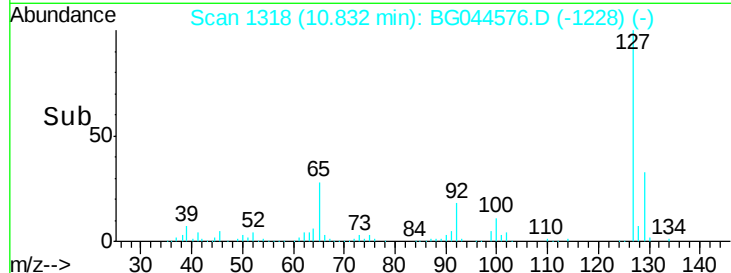
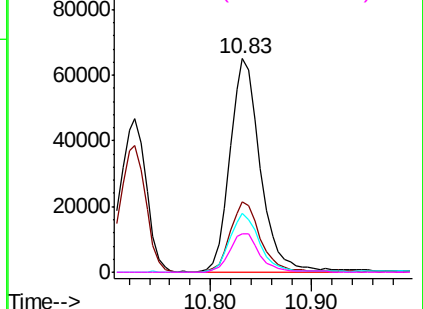
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.236 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

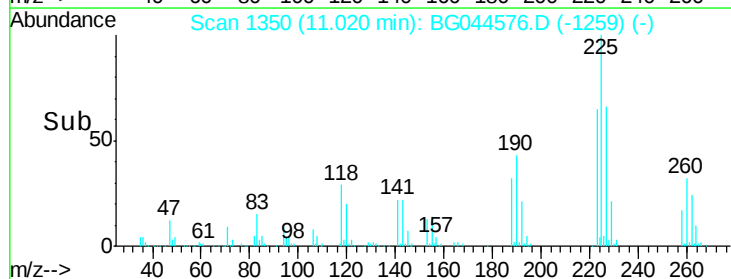
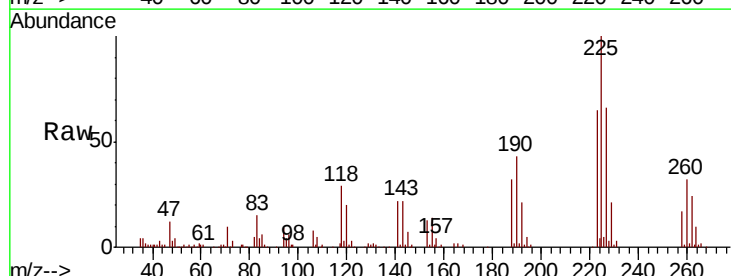
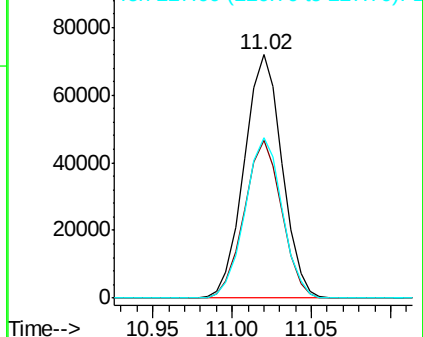
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.6	76.0
227	65.9	52.1	78.1

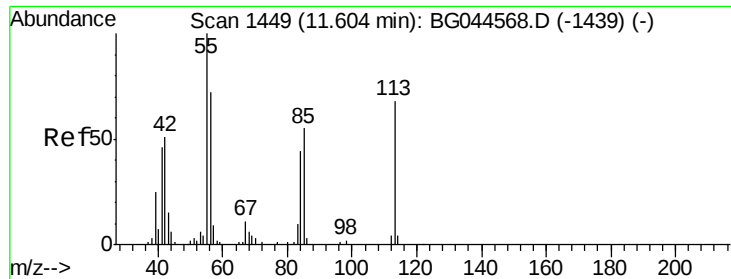
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





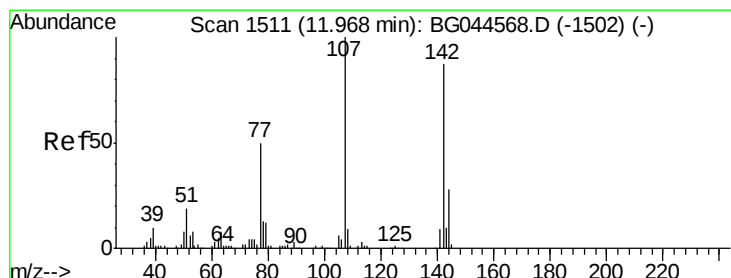
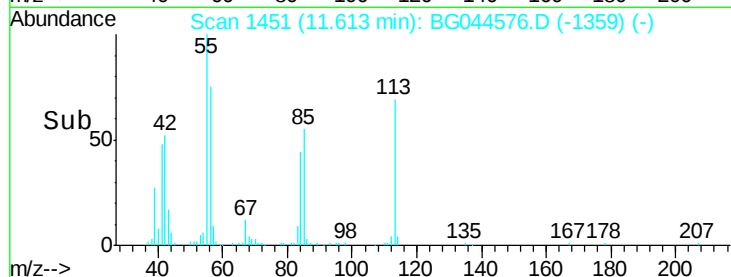
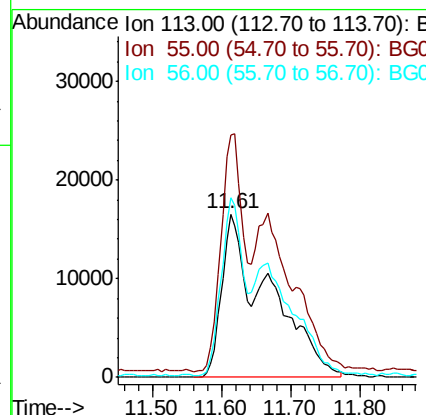
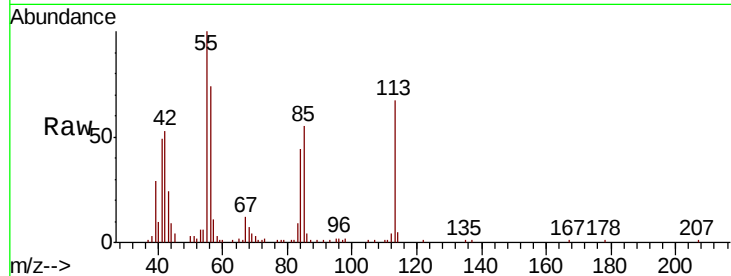
#35
Caprolactam
Concen: 44.866 ng/ml
RT: 11.61 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.5	127.8	167.8
56	109.6	86.9	126.9

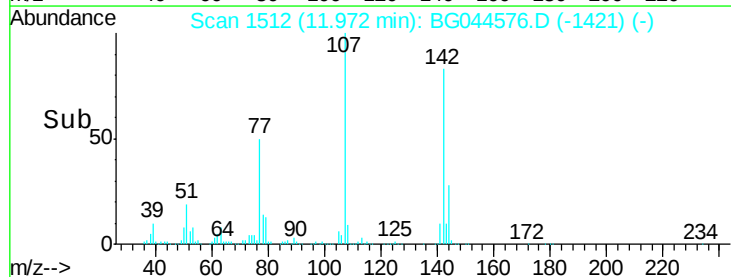
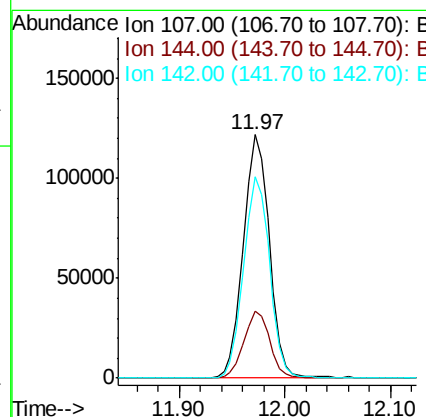
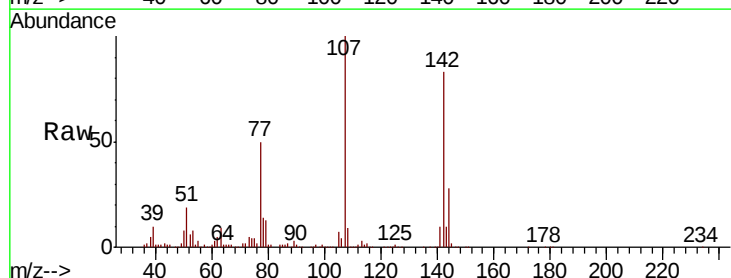
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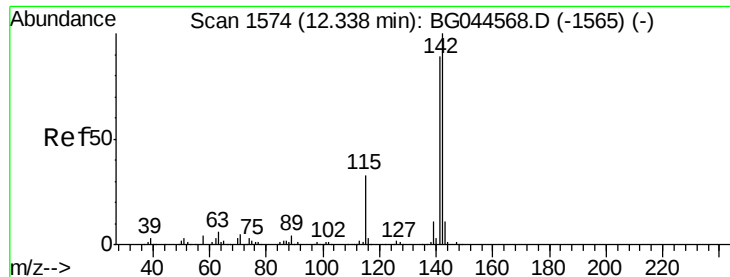
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.020 ng
RT: 11.97 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.3	33.5
142	83.0	69.3	103.9





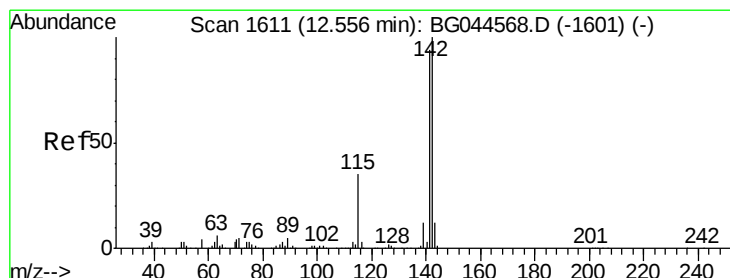
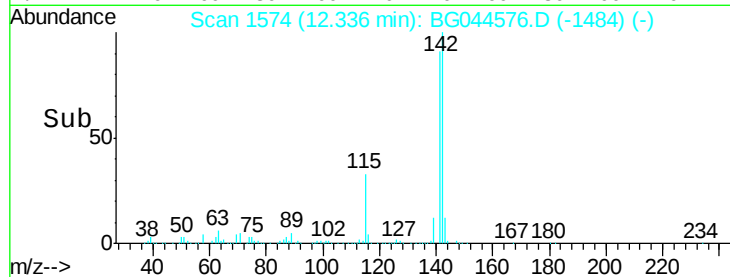
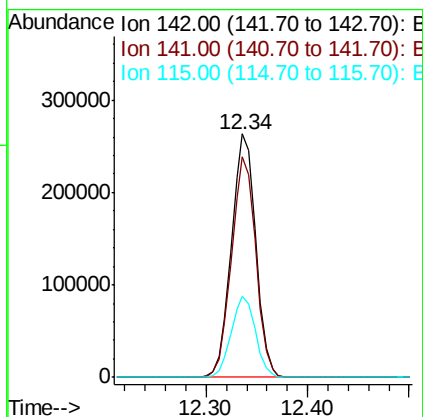
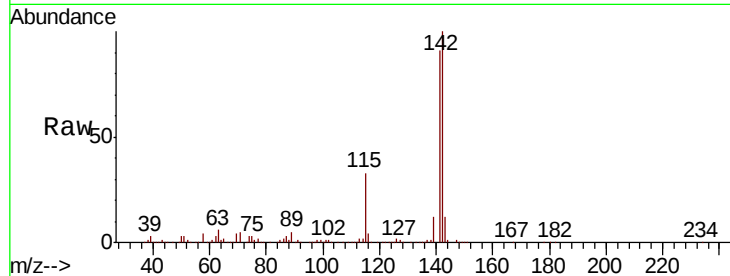
#37
2-Methylnaphthalene
Concen: 38.493 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	33.4	26.2	39.2

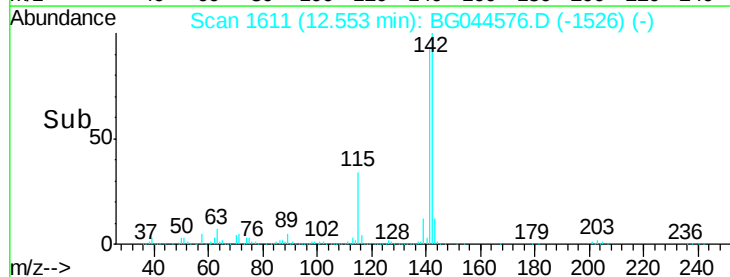
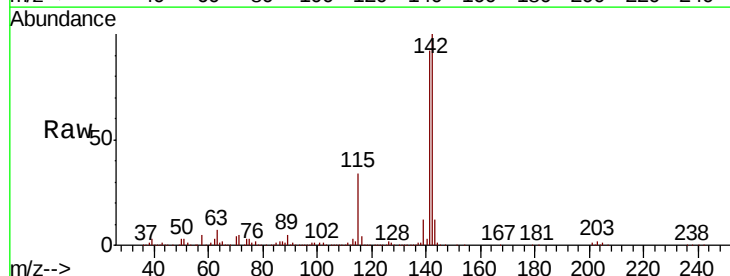
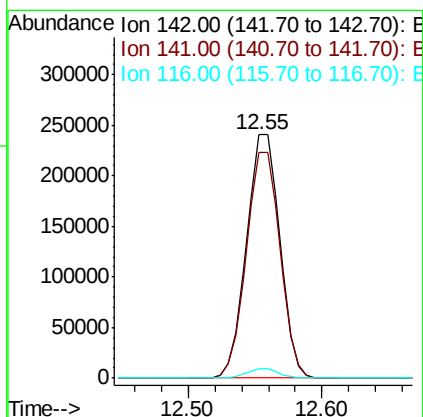
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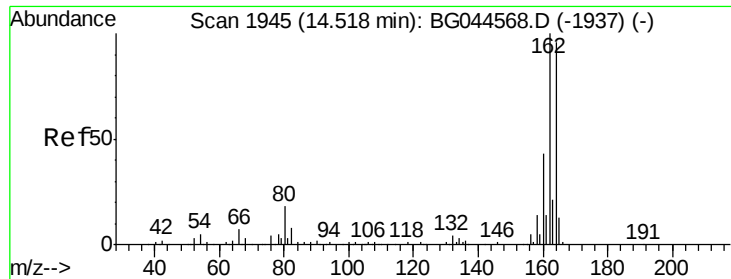
mohammad
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#38
1-Methylnaphthalene
Concen: 38.428 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.1	112.7
116	3.8	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

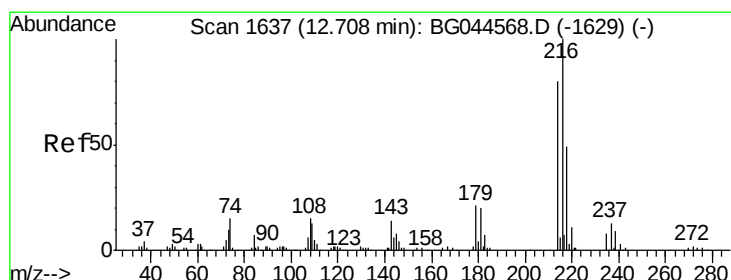
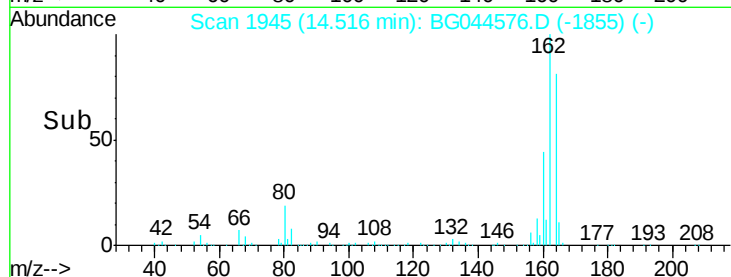
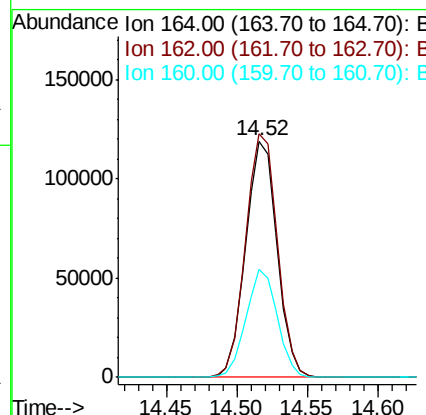
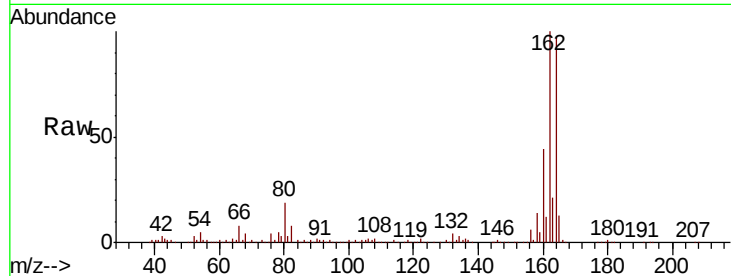
ClientSampleId :

PB126985BS

Tot Ion:	164	Resp:	186142
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.6	125.4
160	45.5	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.766 ng

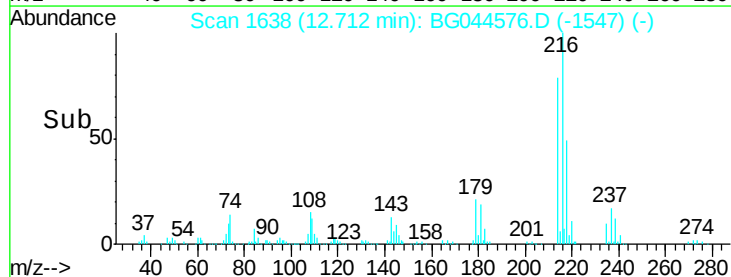
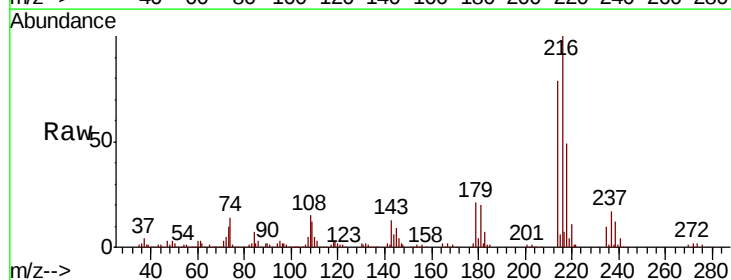
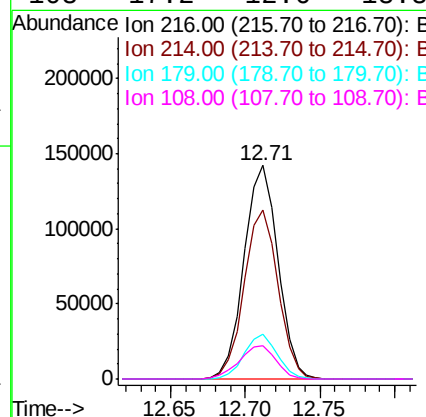
RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion:	216	Resp:	224126
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.3	94.9
179	20.5	16.2	24.2
108	17.2	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 62.248 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

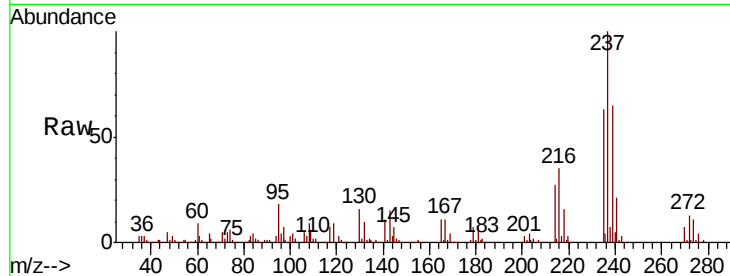
ClientSampleId :

PB126985BS

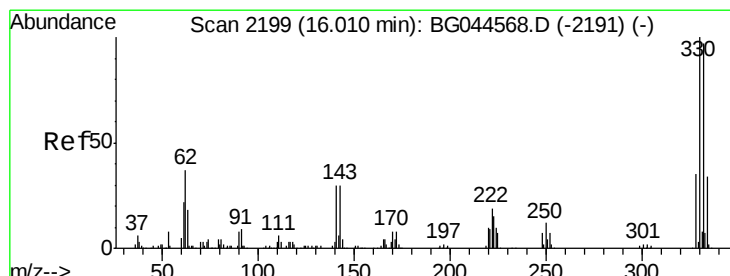
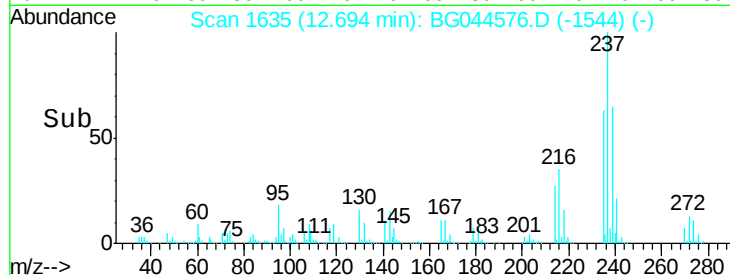
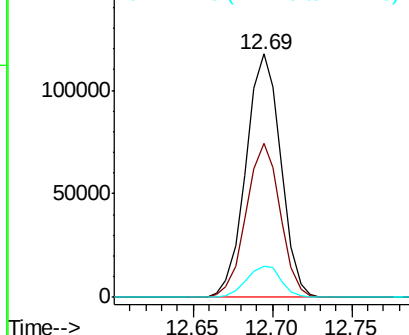
Tot Ion:	237	Resp:	179539
Ion Ratio	Lower	Upper	
237	100		
235	63.5	40.7	80.7
272	12.7	0.0	32.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.370 ng

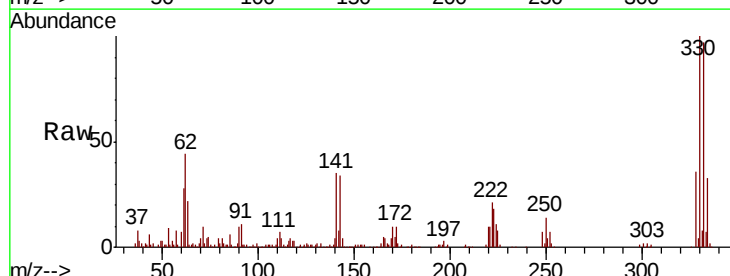
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

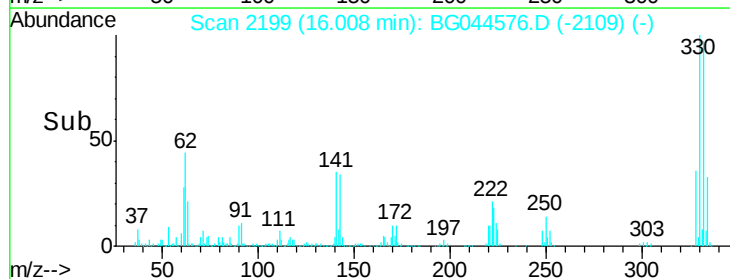
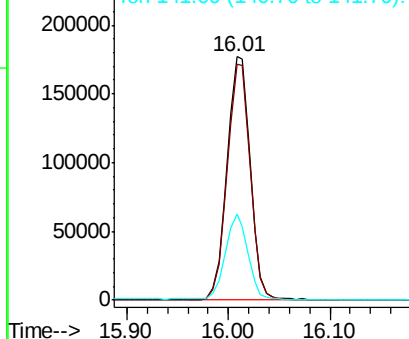
Lab File: BG044576.D

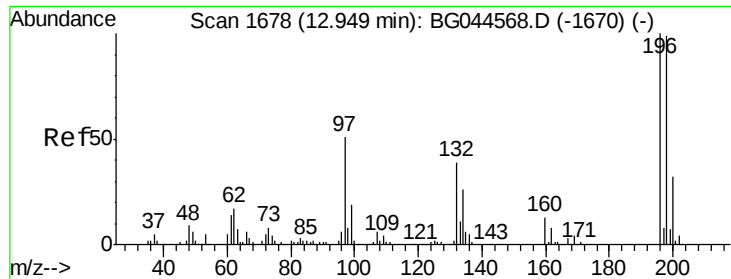
Acq: 25 Feb 2020 14:05

Tgt Ion:	330	Resp:	280748
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	34.3	26.1	39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





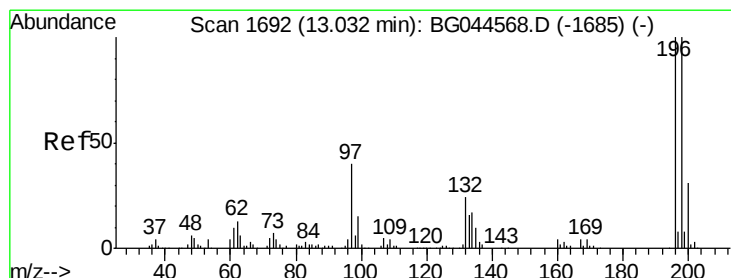
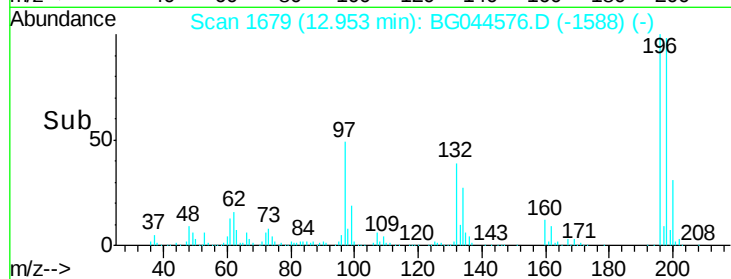
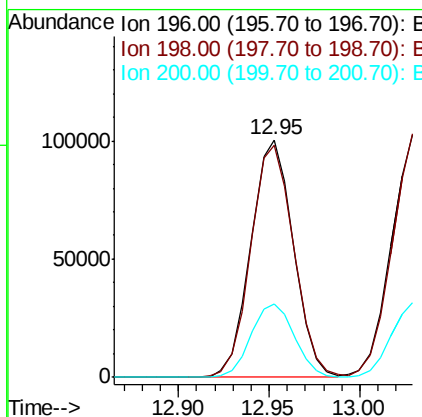
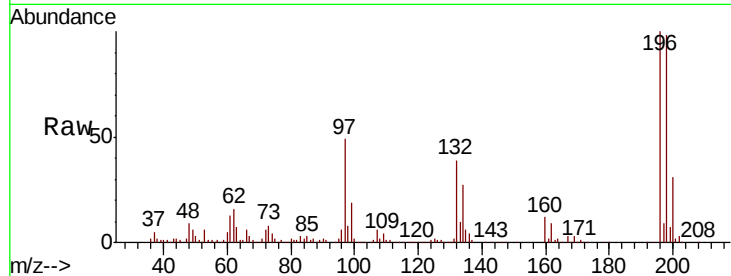
#43
2,4,6-Trichlorophenol
Concen: 40.269 ng
RT: 12.95 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampled :
PB126985BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163850		
198	97.8	79.2	118.8	
200	30.9	25.7	38.5	

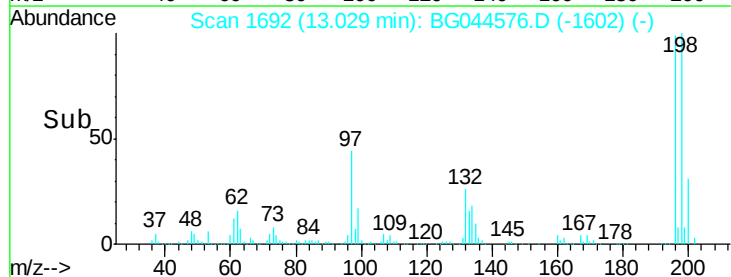
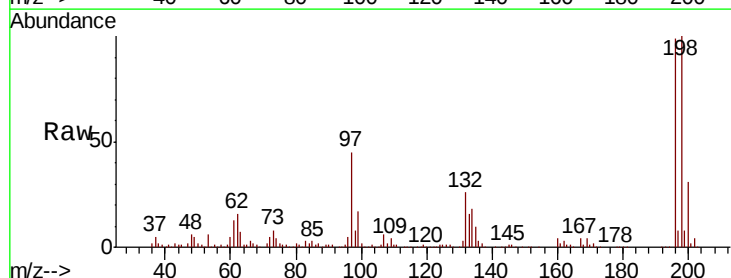
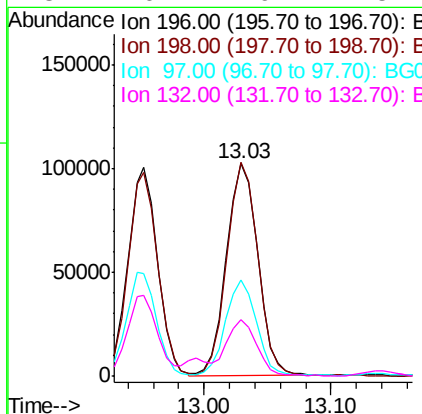
Manual Integrations
APPROVED

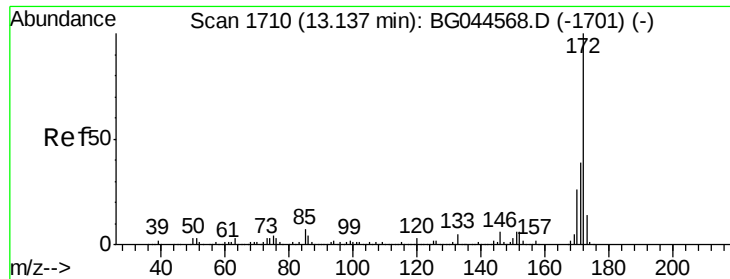
mohammad
2/27/2020 5:02:55 PM



#44
2,4,5-Trichlorophenol
Concen: 41.894 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175104		
198	100.6	79.3	118.9	
97	45.0	32.3	48.5	
132	26.4	19.1	28.7	





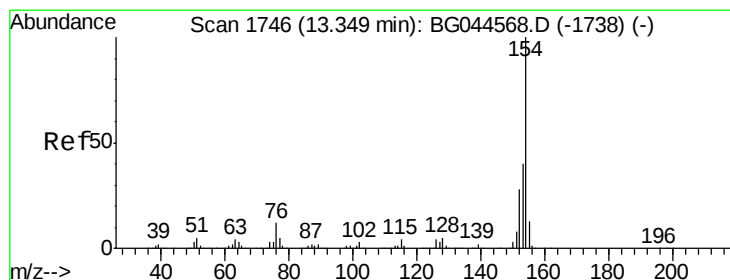
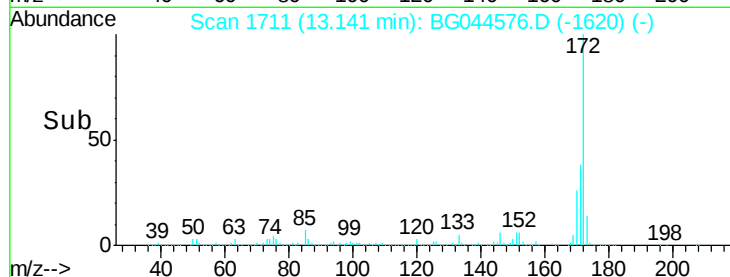
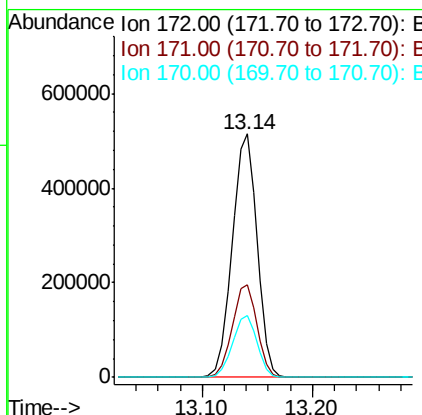
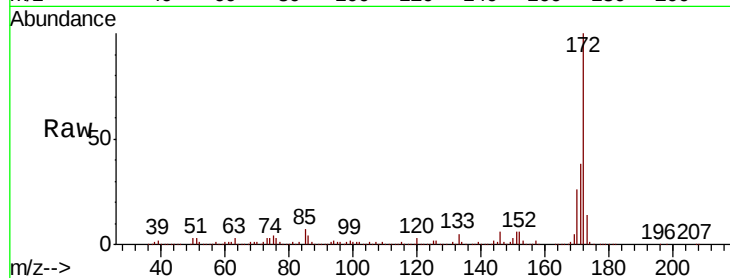
#45
2-Fluorobiphenyl
Concen: 62.491 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.7	21.0	31.4

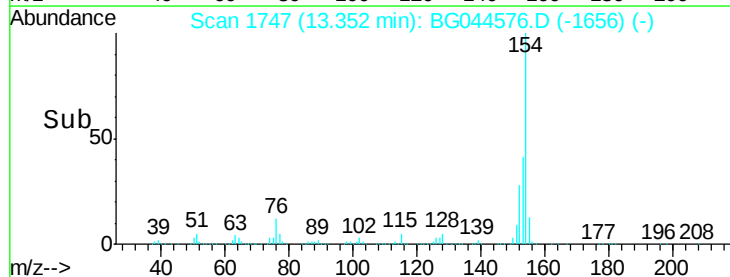
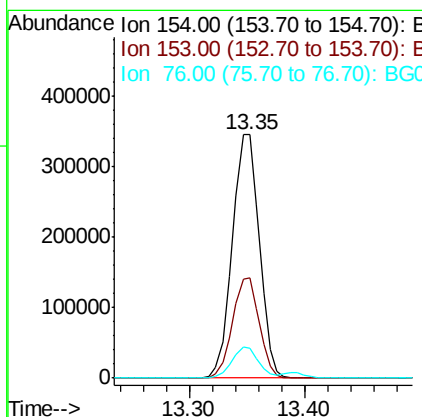
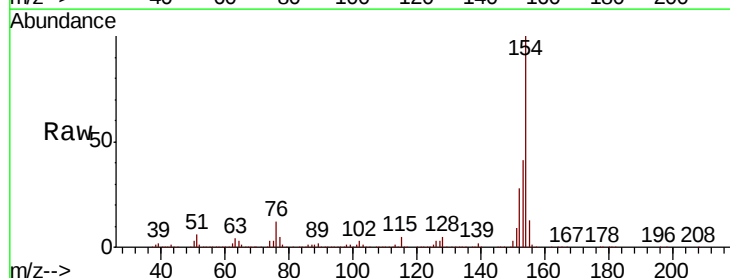
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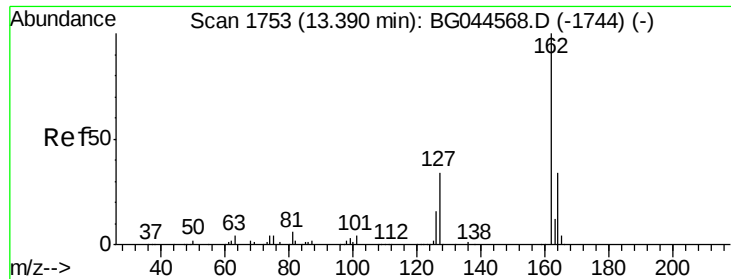
mohammad
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#46
1,1'-Biphenyl
Concen: 36.216 ng
RT: 13.35 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.2	60.2
76	12.3	0.0	31.8





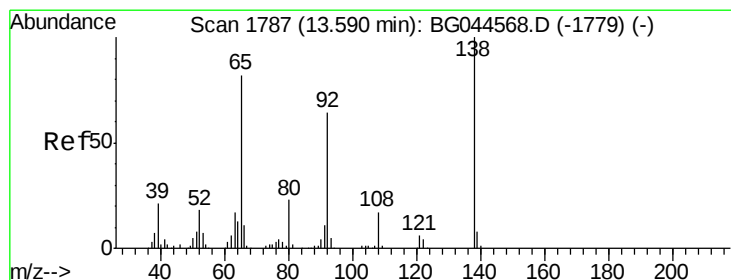
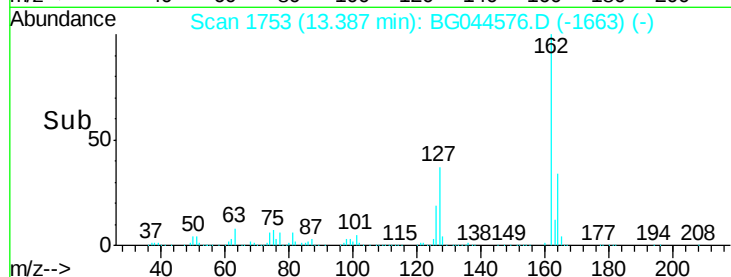
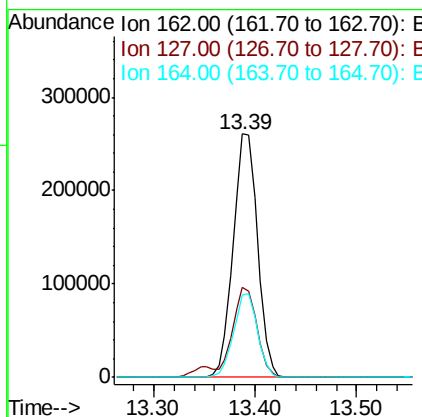
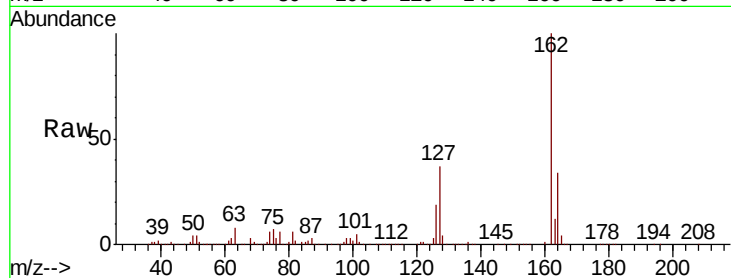
#47
2-Chloronaphthalene
Concen: 36.132 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	28.7	43.1
164	34.0	27.3	40.9

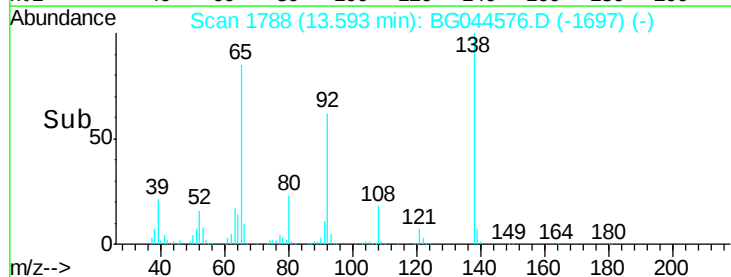
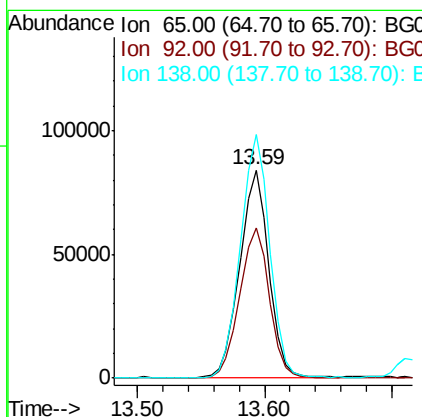
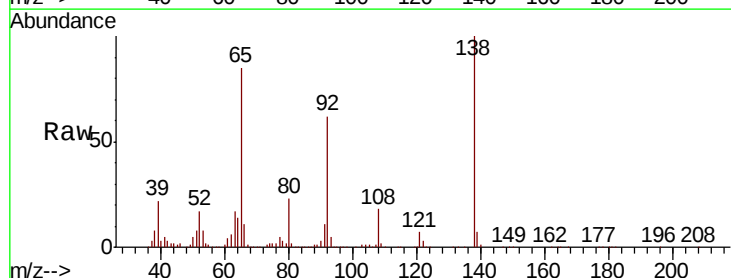
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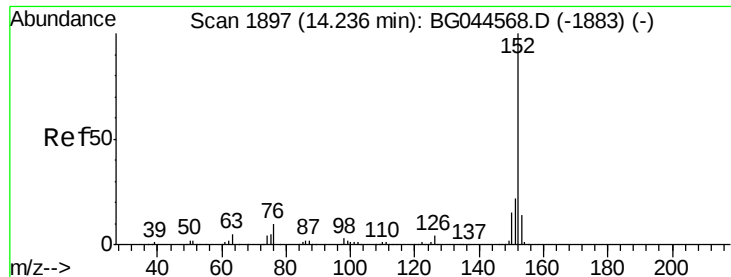
mohammad
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#48
2-Nitroaniline
Concen: 39.411 ng
RT: 13.59 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	62.2	93.2
138	117.0	97.6	146.4





#49

Acenaphthylene

Concen: 38.841 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

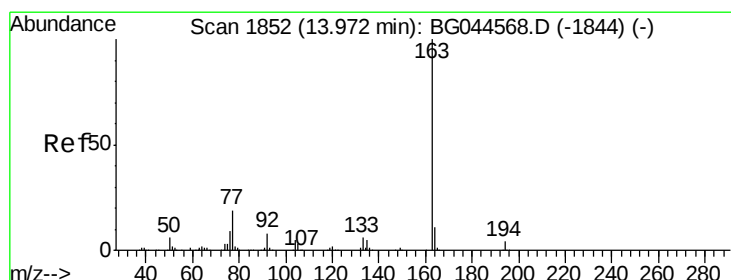
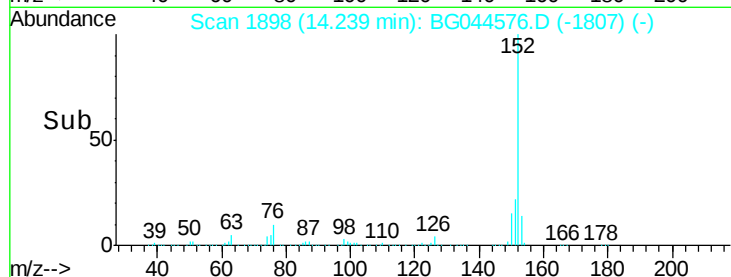
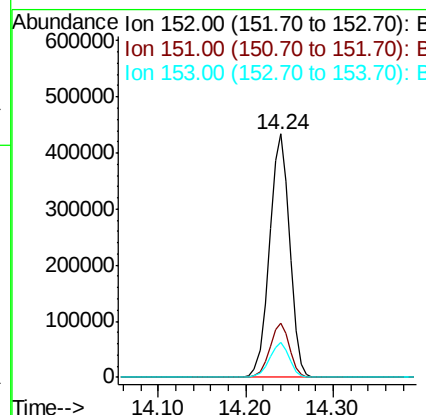
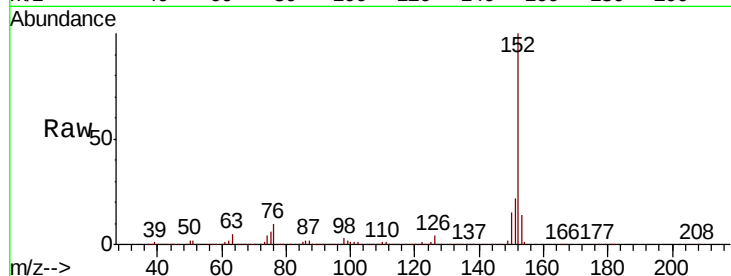
ClientSampleId :

PB126985BS

Tot Ion:	152	Resp:	692549
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.7	26.5
153	14.1	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.975 ng

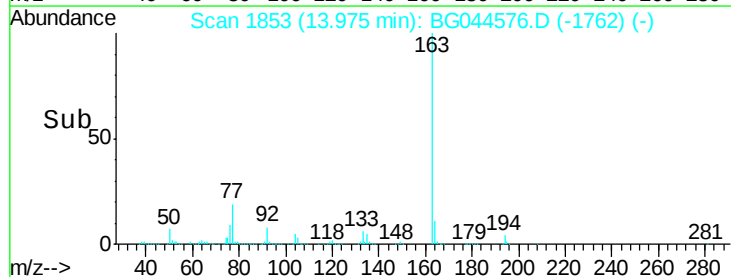
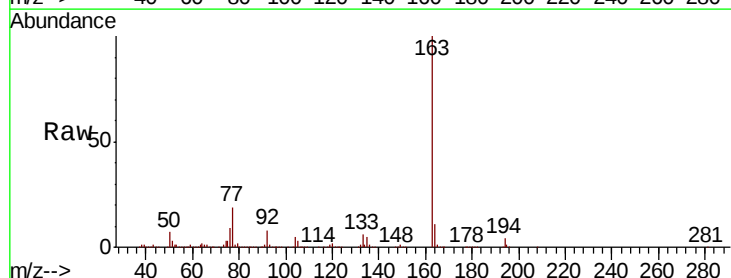
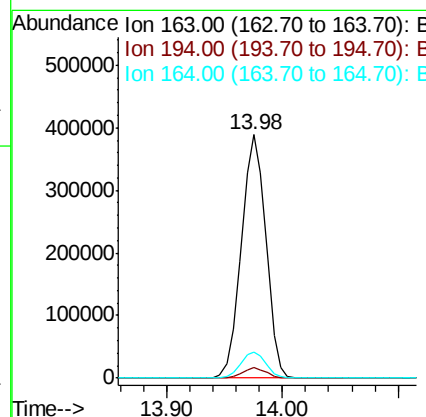
RT: 13.98 min Scan# 1853

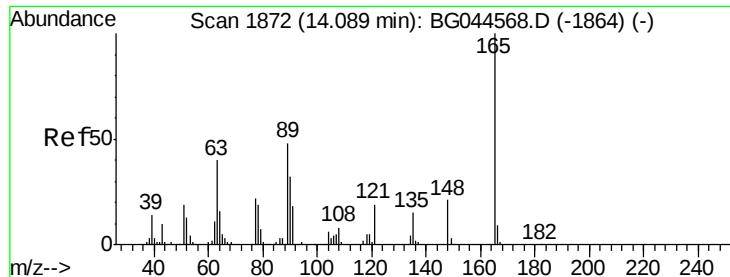
Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion:	163	Resp:	570541
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	10.6	8.7	13.1





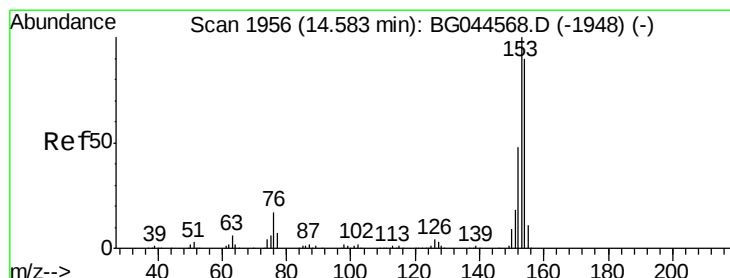
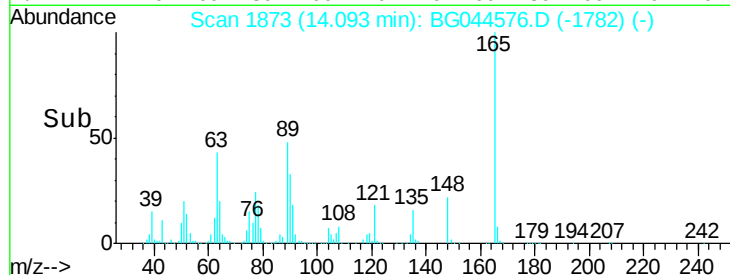
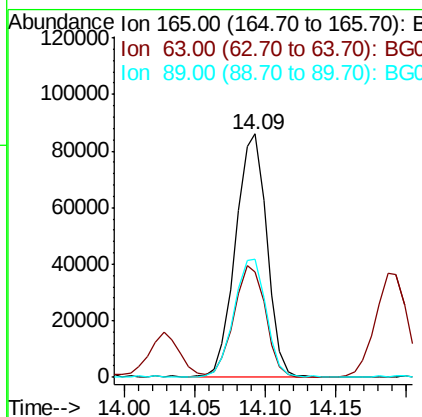
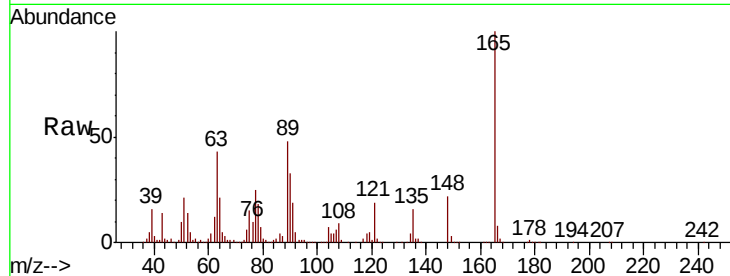
#51
2,6-Dinitrotoluene
Concen: 39.903 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	132219		
63	43.2		35.8	53.6
89	48.4		38.7	58.1

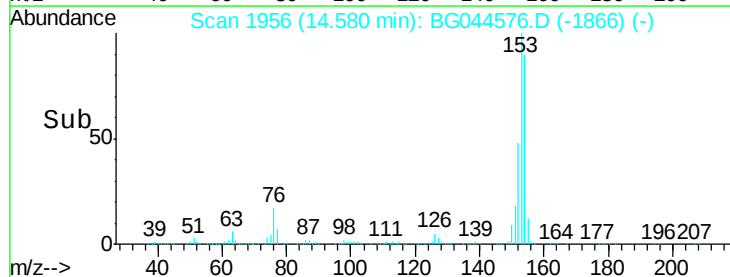
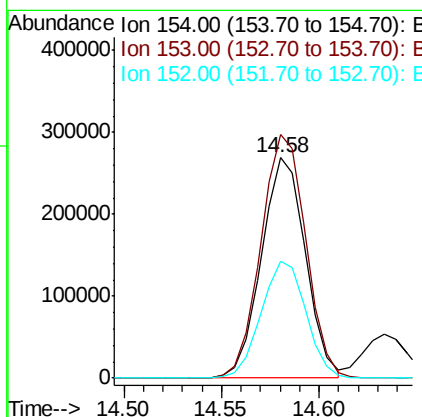
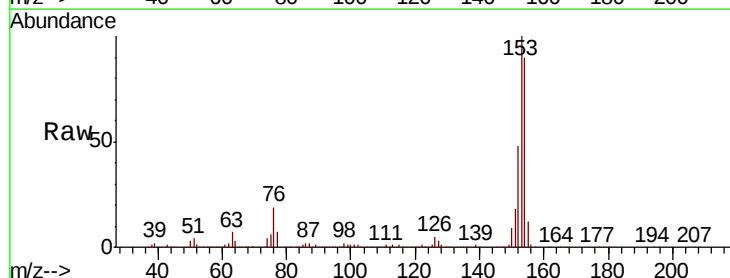
Manual Integrations
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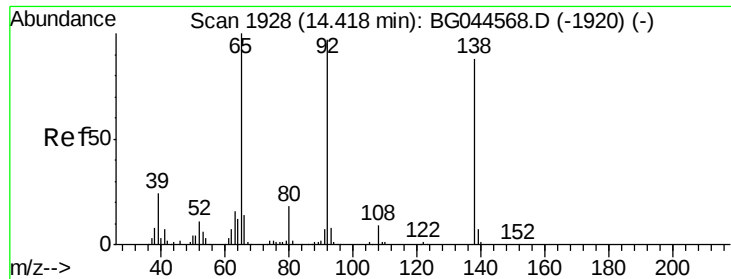
mohammad
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#52
Acenaphthene
Concen: 36.965 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	420150		
153	110.5		89.4	134.0
152	53.0		43.0	64.4





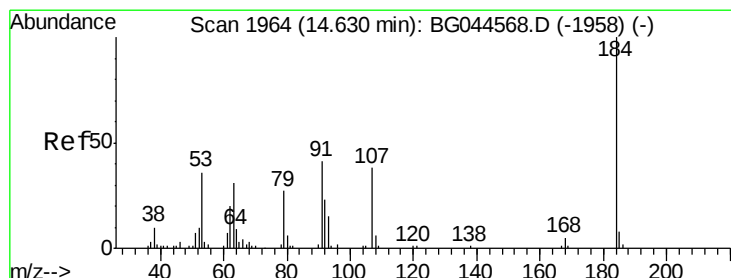
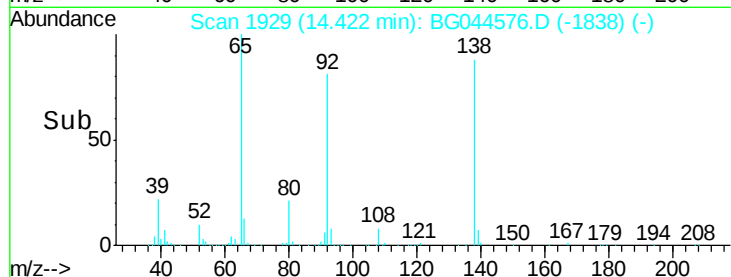
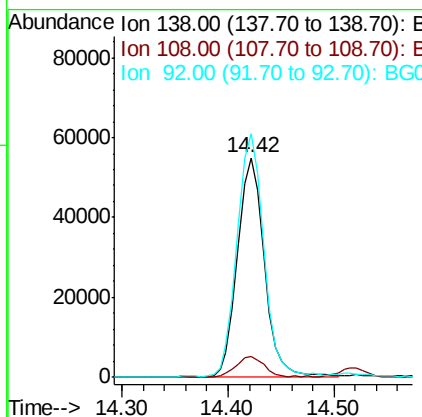
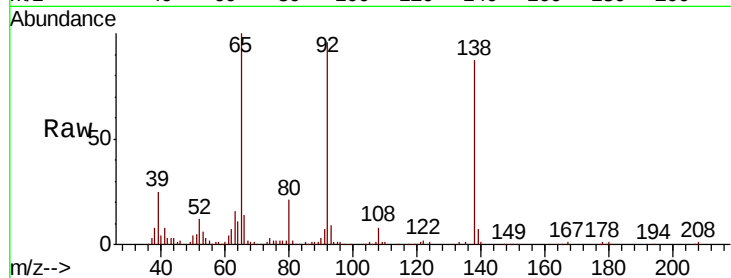
#53
3-Nitroaniline
Concen: 27.328 ng
RT: 14.42 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	110.8	87.4	131.2

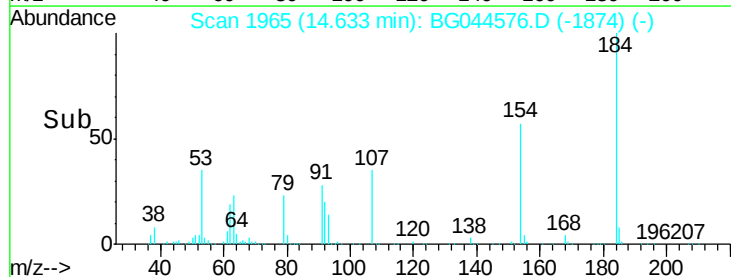
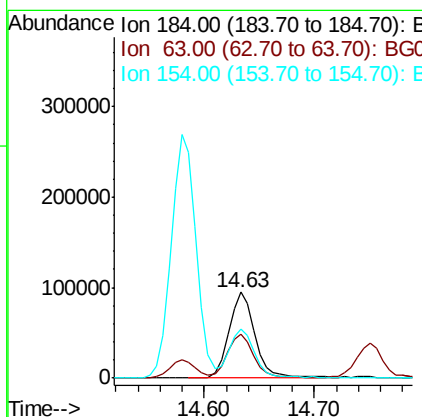
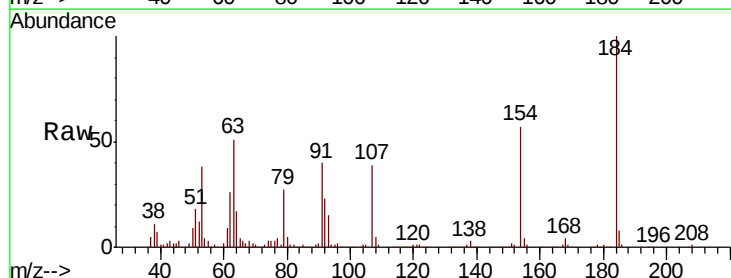
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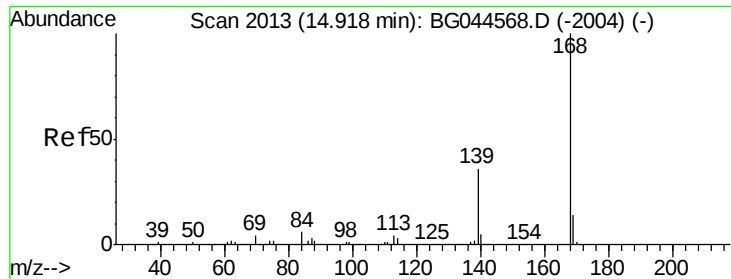
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.180 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.4	42.1	63.1
154	57.1	43.4	65.2





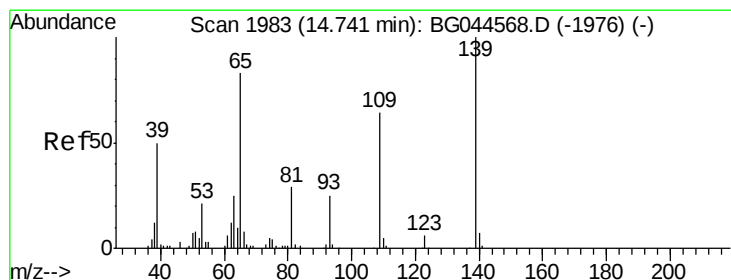
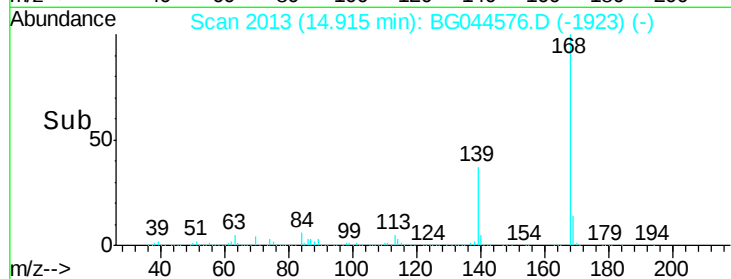
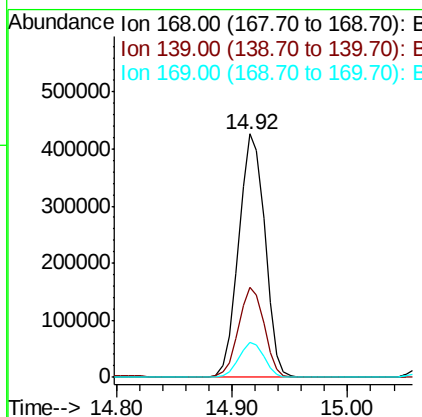
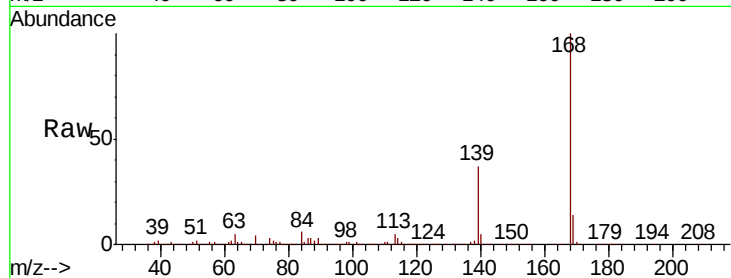
#55
Dibenzofuran
Concen: 38.517 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampled :
PB126985BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.2	43.8
169	14.2	11.0	16.6

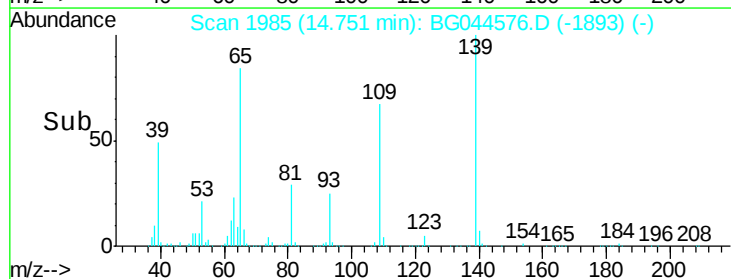
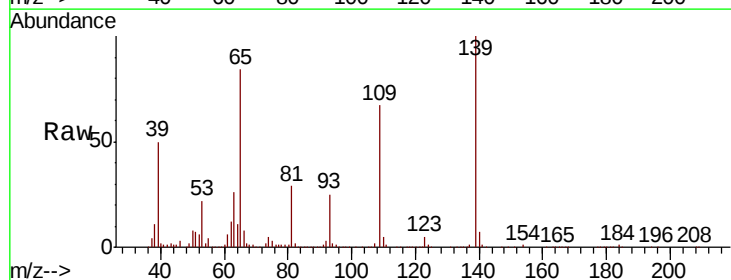
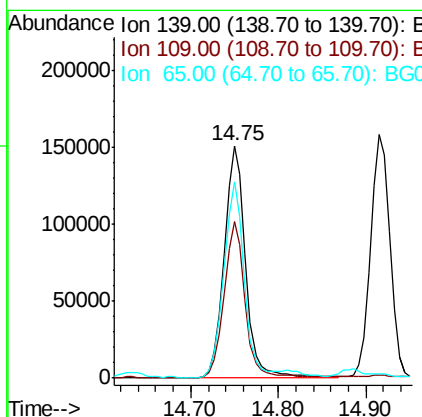
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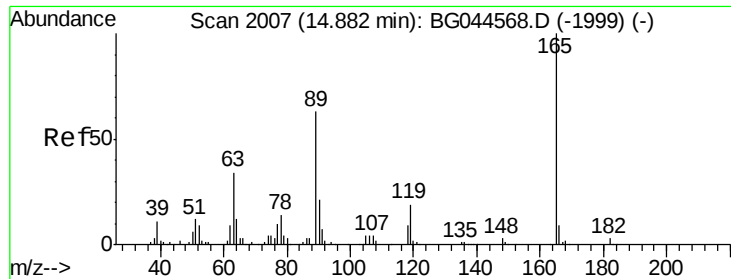
mohammad
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#56
4-Nitrophenol
Concen: 104.128 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	43.8	83.8
65	84.3	63.6	103.6





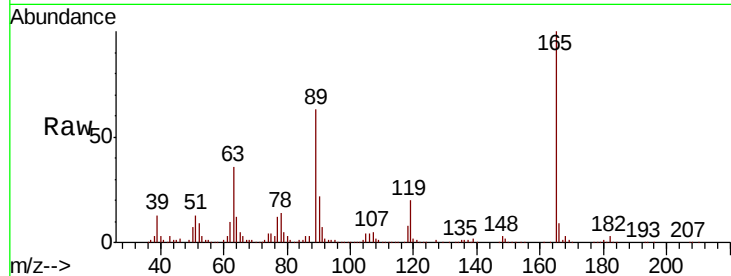
#57
2,4-Dinitrotoluene
Concen: 40.011 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

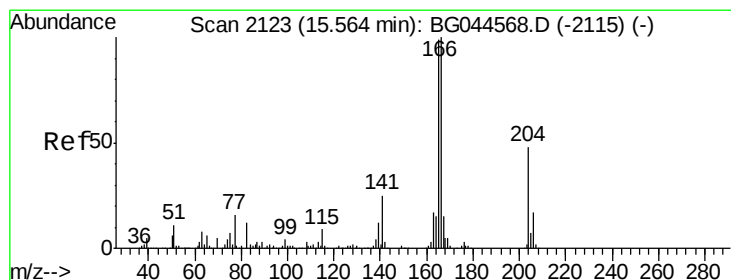
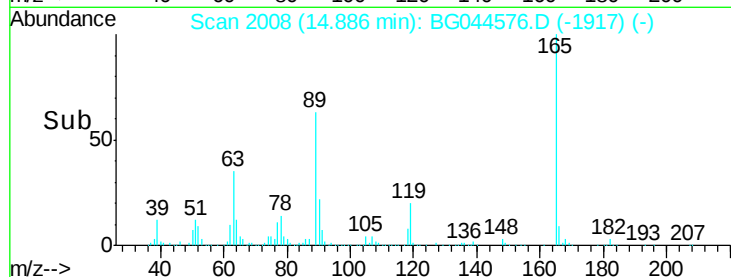
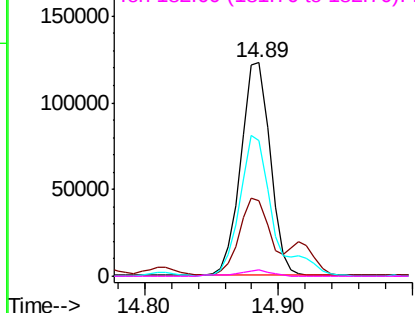
Tot Ion	Ratio	Resp	Lower	Upper
165	100	186390		
63	35.6	27.5	41.3	
89	63.5	50.0	75.0	
182	2.9	2.3	3.5	

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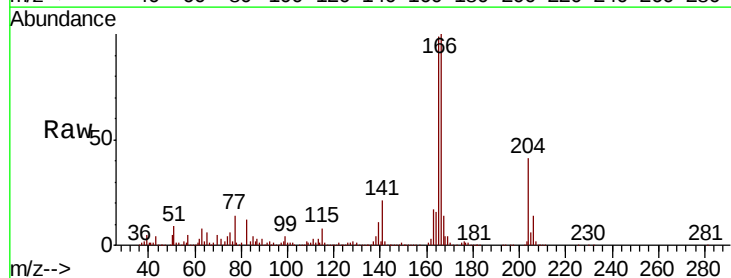


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

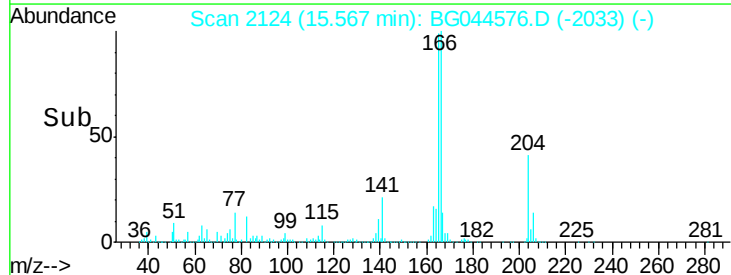
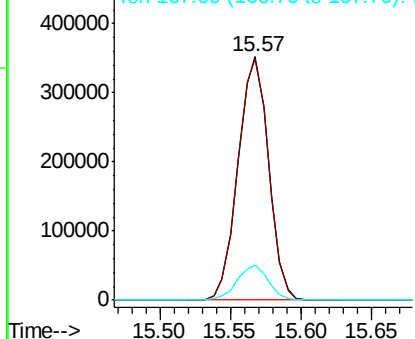


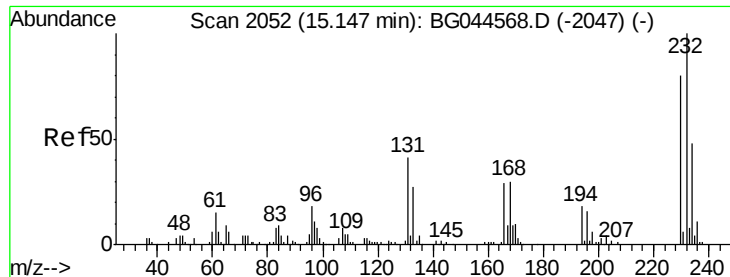
#58
Fluorene
Concen: 38.382 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	530284		
165	99.0	79.2	118.8	
167	14.2	11.7	17.5	



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





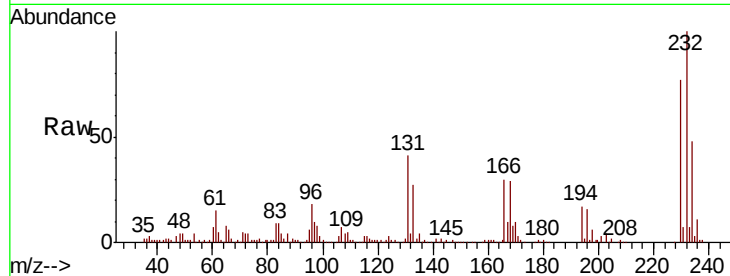
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.586 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BS

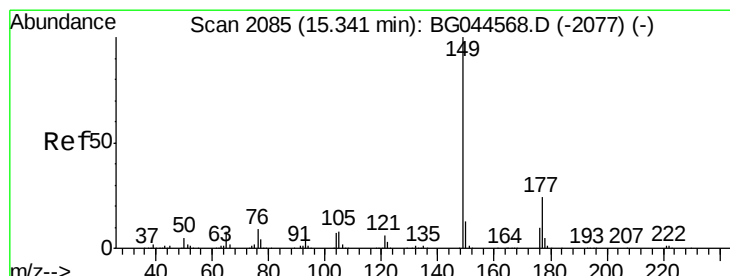
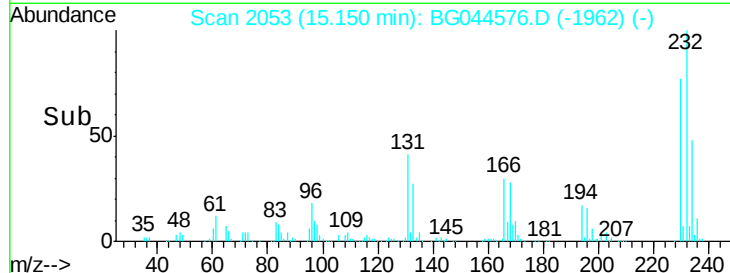
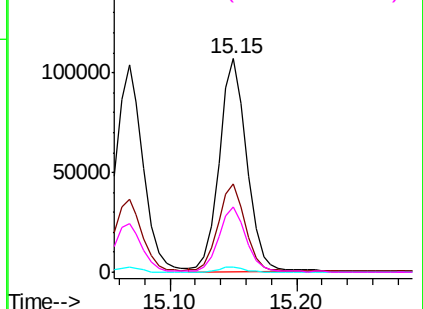
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	31.8	47.6
130	2.5	1.8	2.6
166	30.1	22.7	34.1

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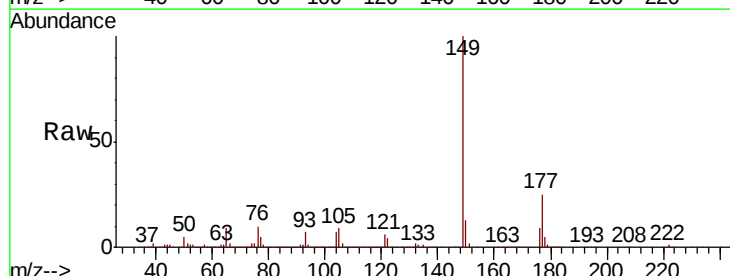


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

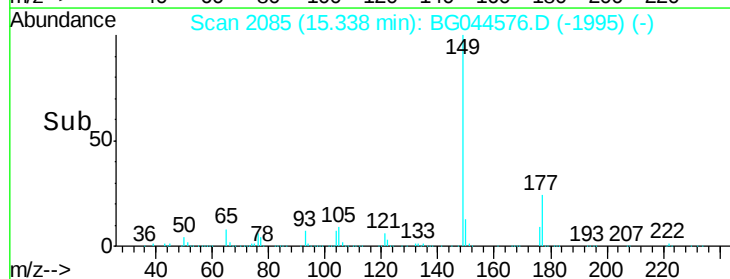
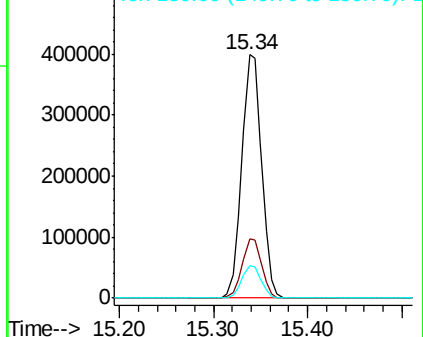


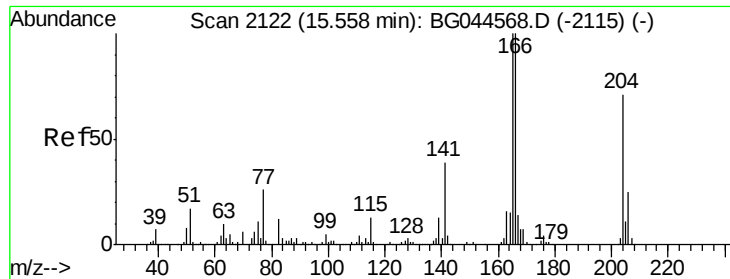
#60
 Diethylphthalate
 Concen: 39.185 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.2	28.8
150	13.3	10.2	15.4



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





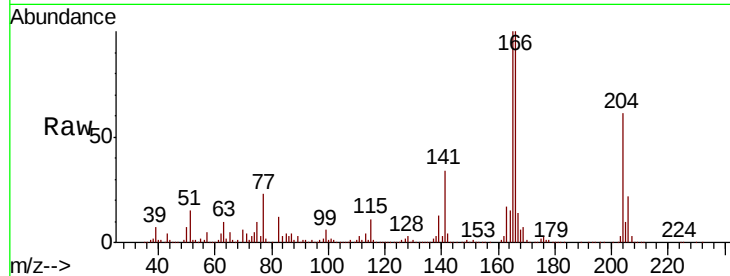
#61
4-Chlorophenyl-phenylether
Concen: 37.024 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampled :
PB126985BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.8	41.8
141	54.9	43.8	65.8

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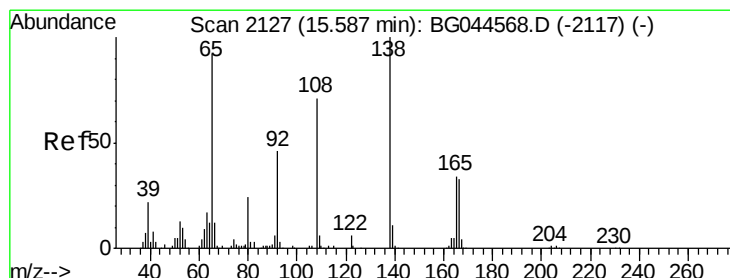
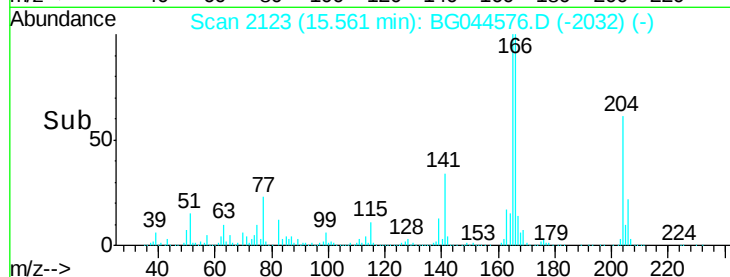
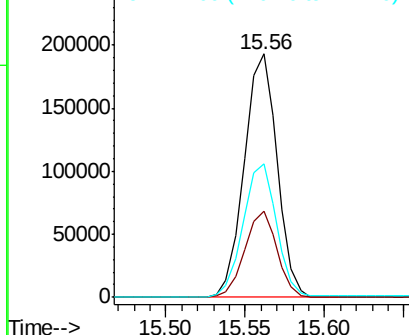


Abundance

Ion 204.00 (203.70 to 204.70): E

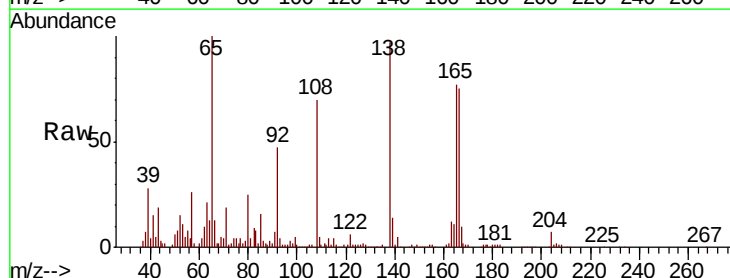
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.257 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	26.4	66.4
108	72.5	50.5	90.5

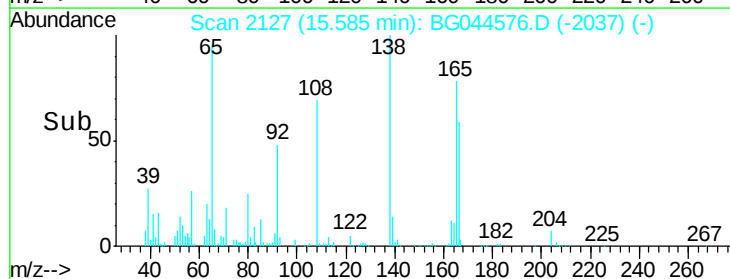
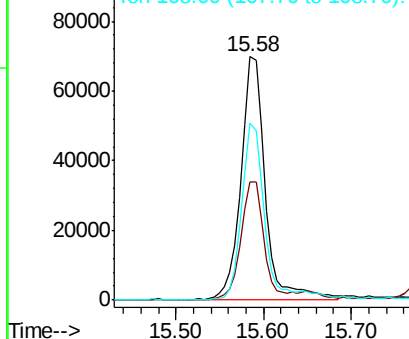


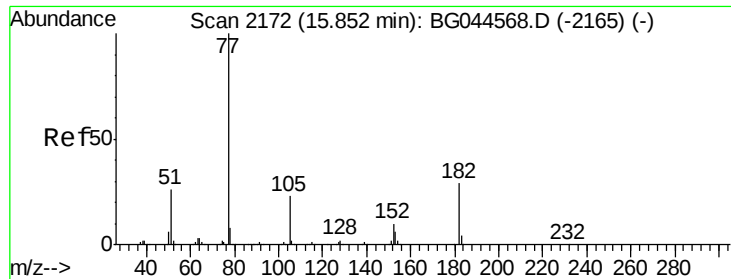
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.109 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

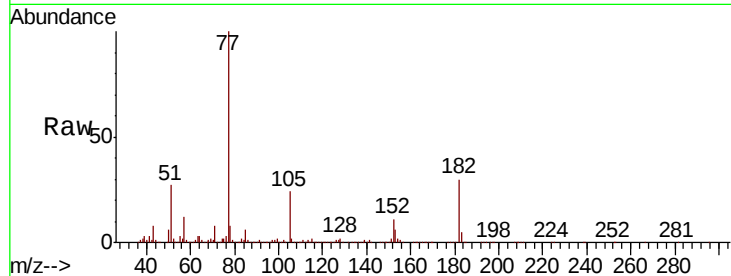
ClientSampleId :

PB126985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		495477		
182	30.3	9.4	49.4		
105	23.9	3.4	43.4		
51	27.1	6.4	46.4		

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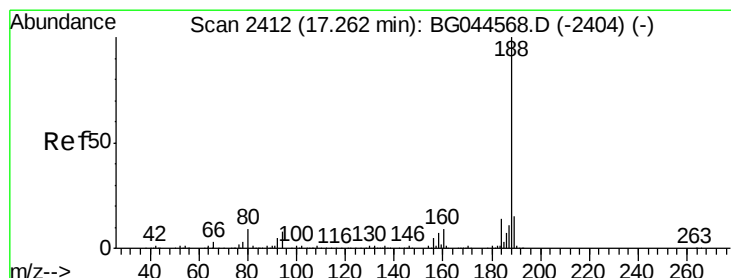
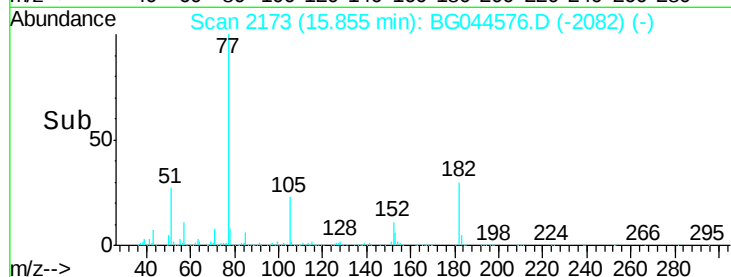
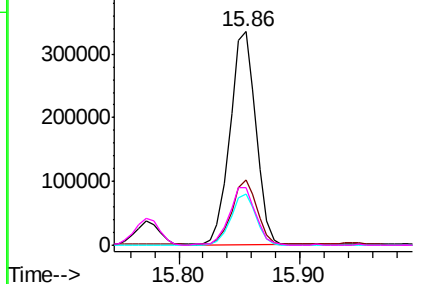


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044576.D

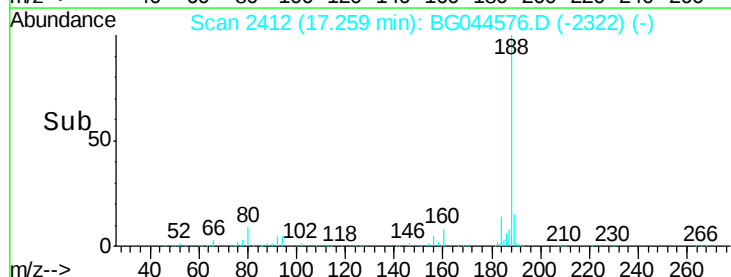
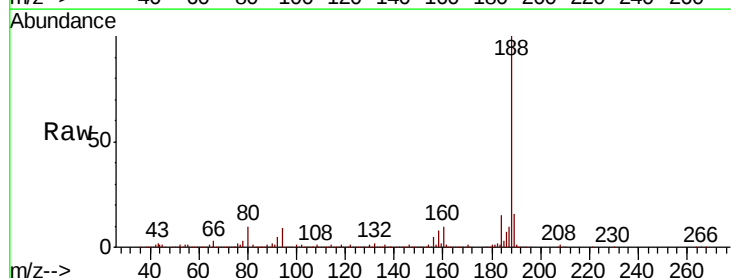
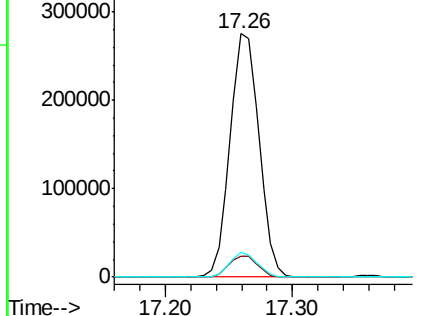
Acq: 25 Feb 2020 14:05

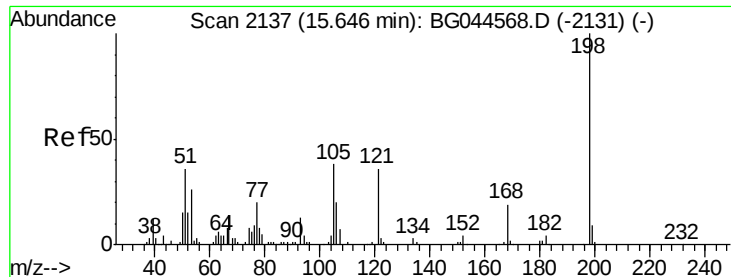
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		434430		
94	8.5	6.7	10.1		
80	9.9	7.6	11.4		

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





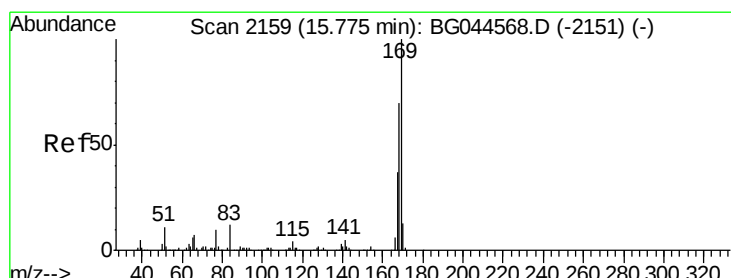
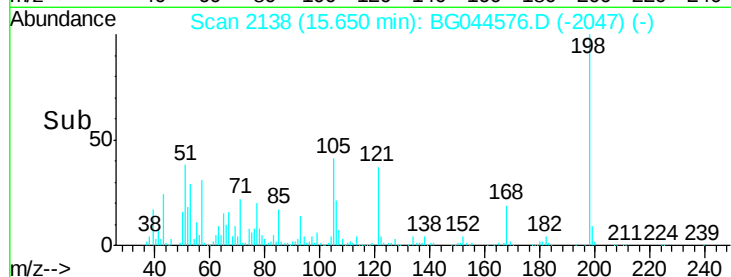
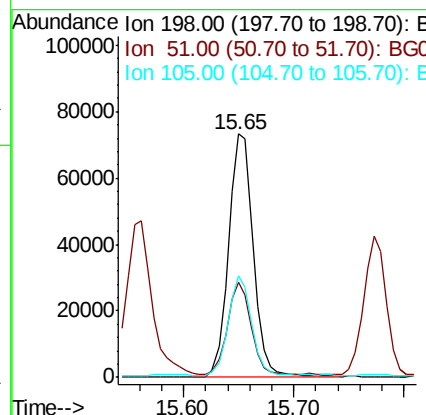
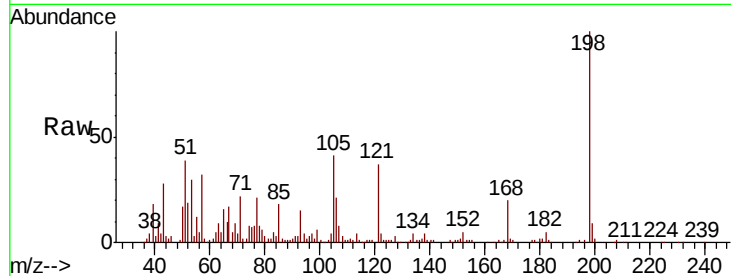
#65
4,6-Dinitro-2-methylphenol
Concen: 42.902 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampled :
PB126985BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115405		
51	38.9	17.0	57.0	
105	41.5	18.4	58.4	

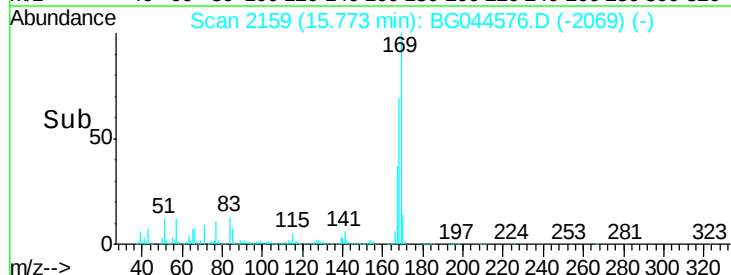
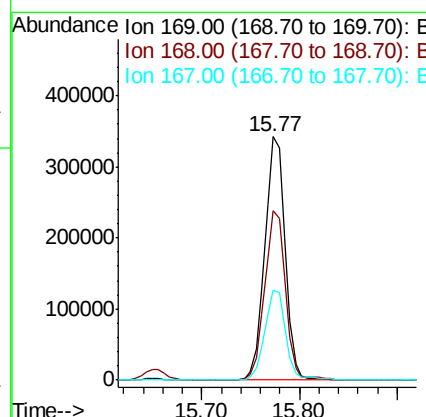
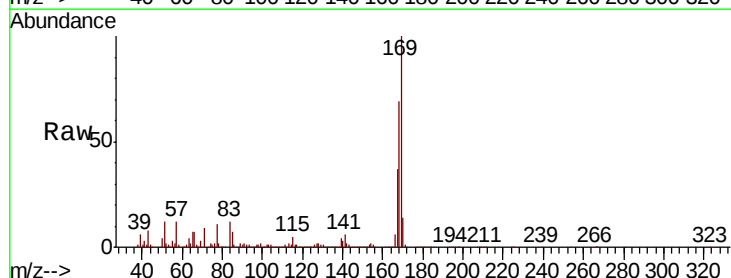
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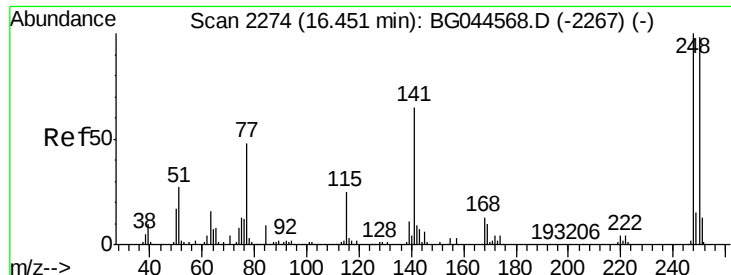
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#66
n-Nitrosodiphenylamine
Concen: 36.714 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	497520		
168	69.3	56.1	84.1	
167	37.2	29.4	44.0	





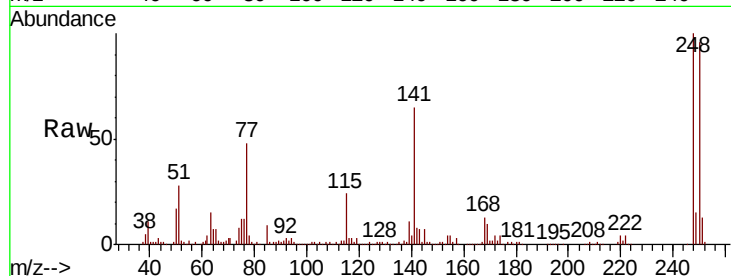
#67
4-Bromophenyl-phenylether
Concen: 35.274 ng
RT: 16.45 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.7	118.1
141	65.1	52.3	78.5

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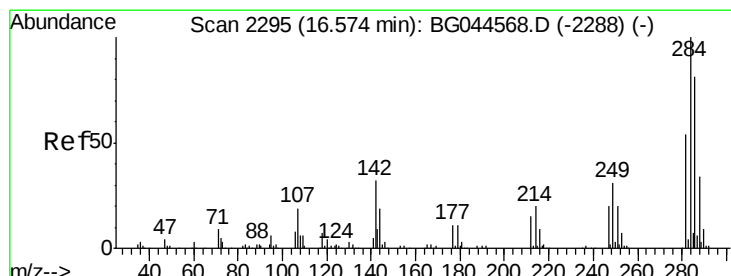
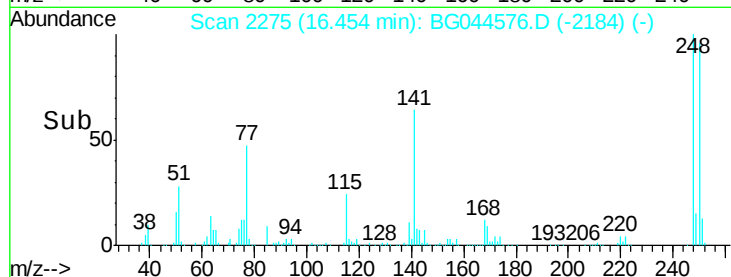
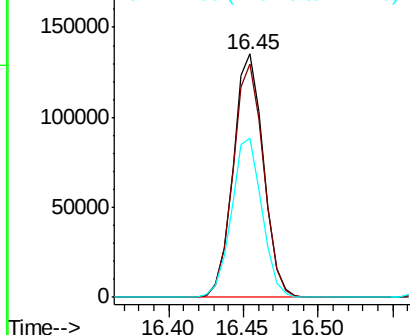


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.225 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

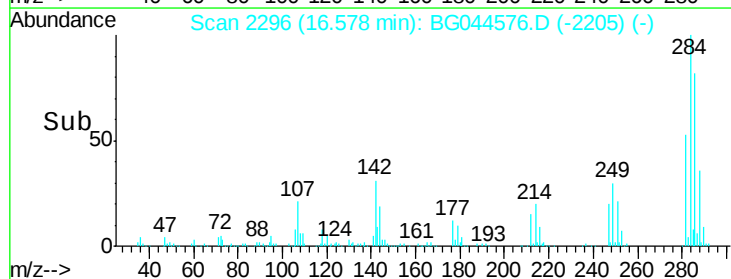
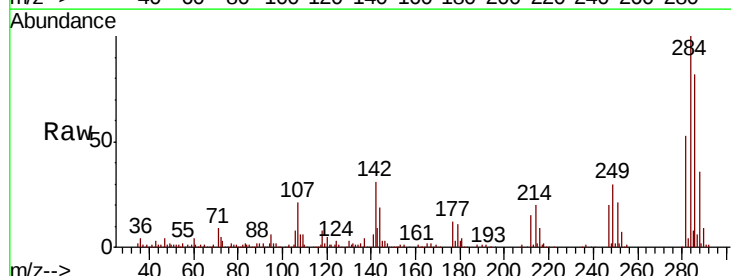
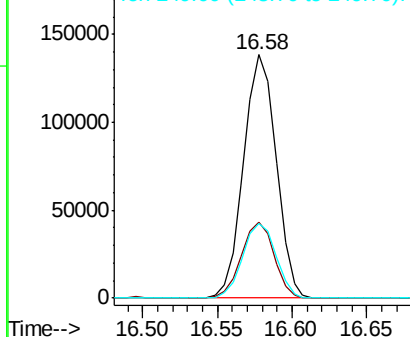
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.6	38.4
249	30.5	24.6	36.8

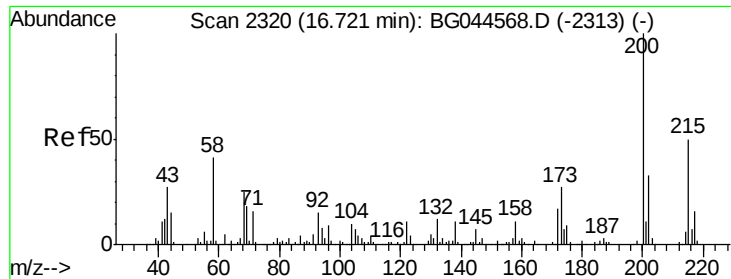
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





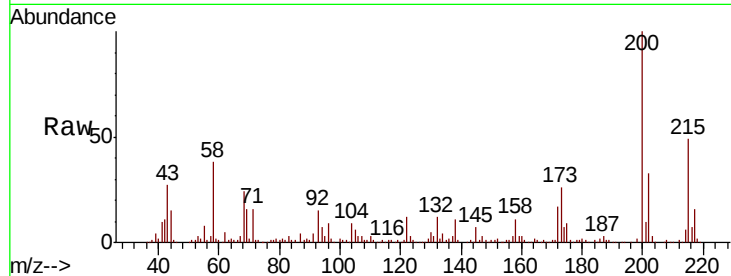
#69
Atrazine
Concen: 39.950 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

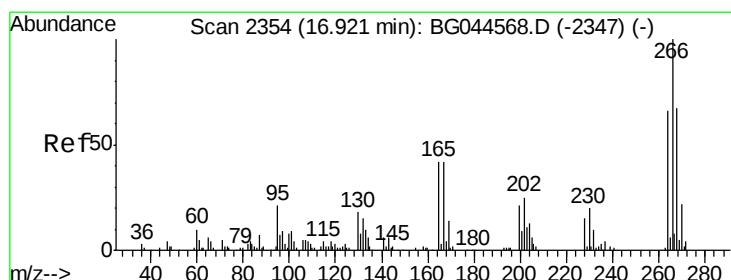
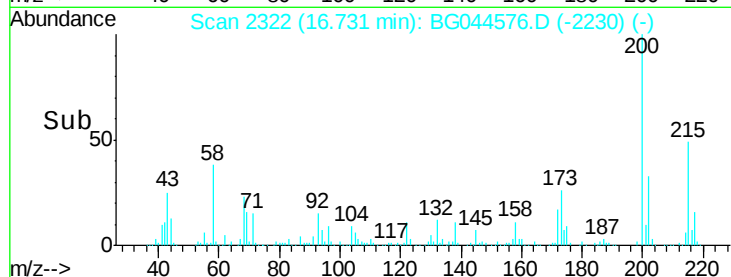
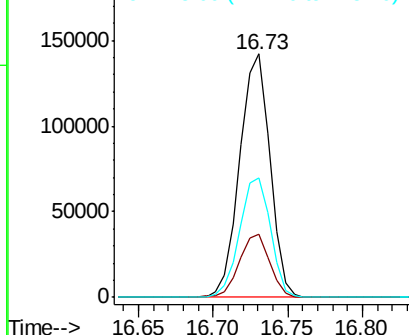
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.6	46.6
215	49.2	30.3	70.3

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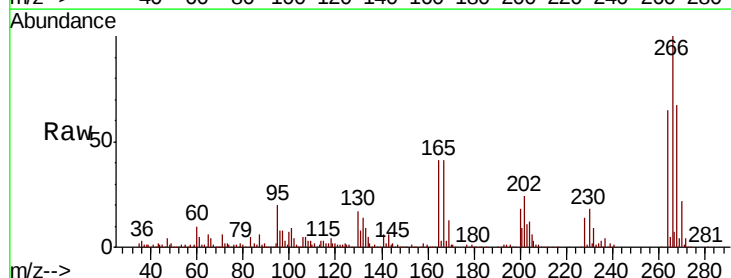


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

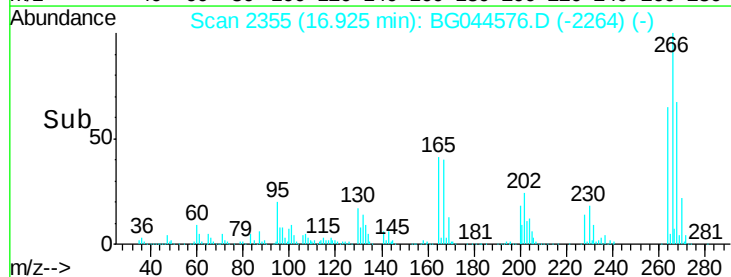
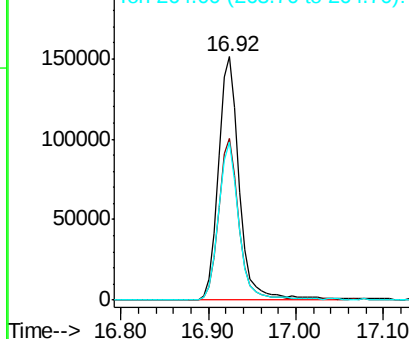


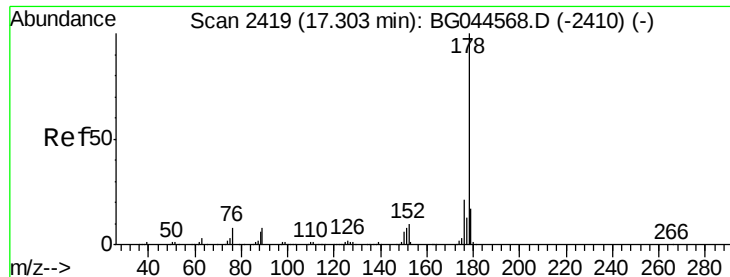
#70
Pentachlorophenol
Concen: 83.885 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.5	53.4	80.0
264	64.8	53.0	79.4



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





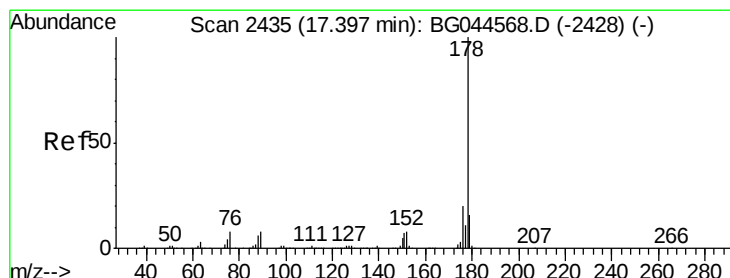
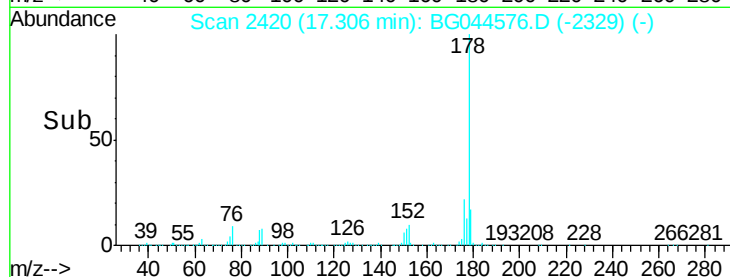
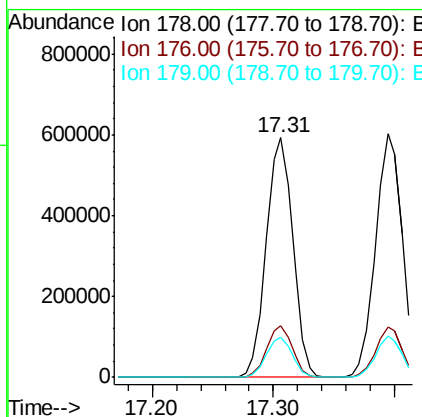
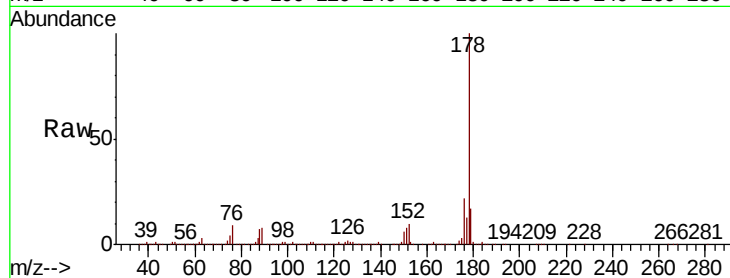
#71
Phenanthrene
Concen: 37.421 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.6	25.0
179	16.8	13.3	19.9

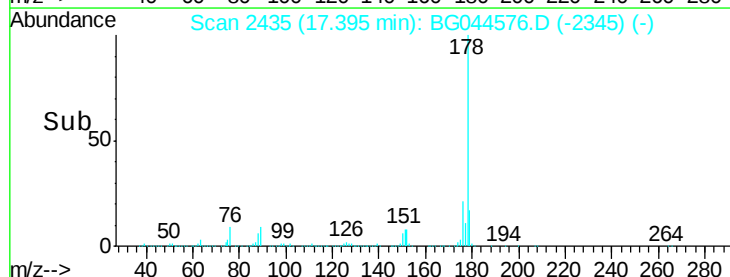
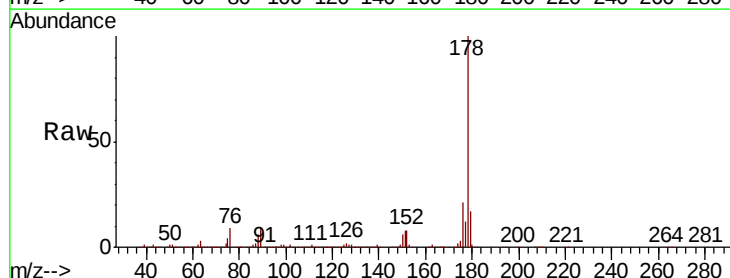
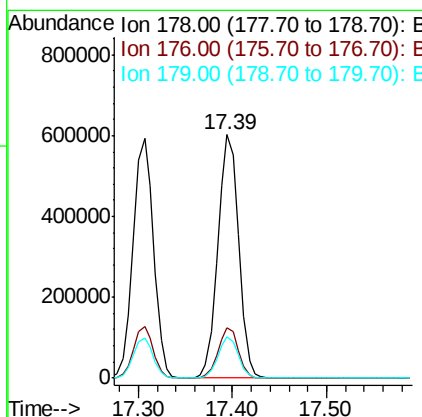
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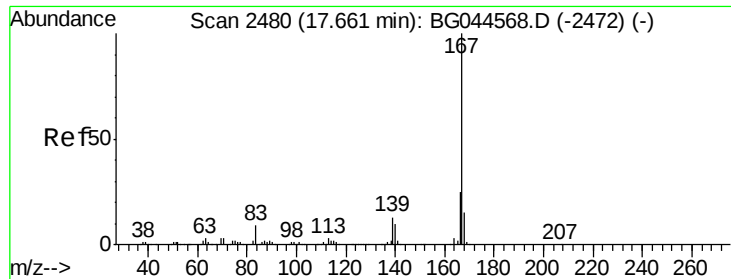
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#72
Anthracene
Concen: 39.225 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	17.0	13.1	19.7





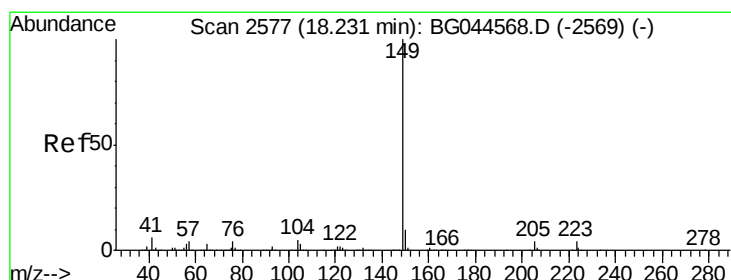
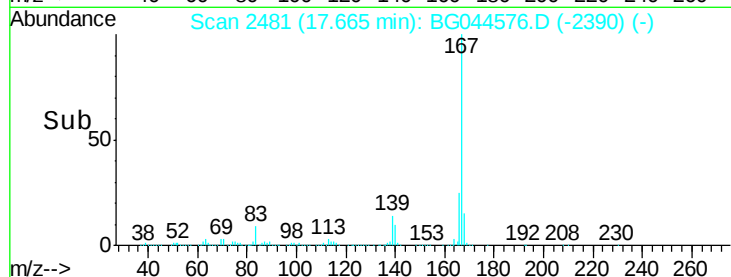
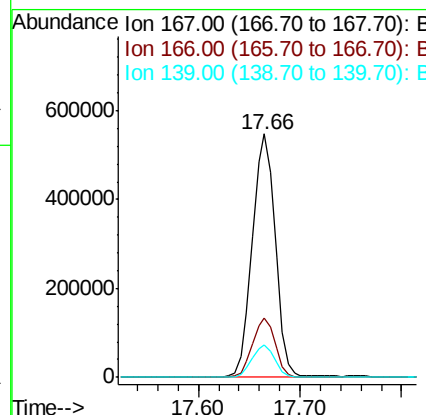
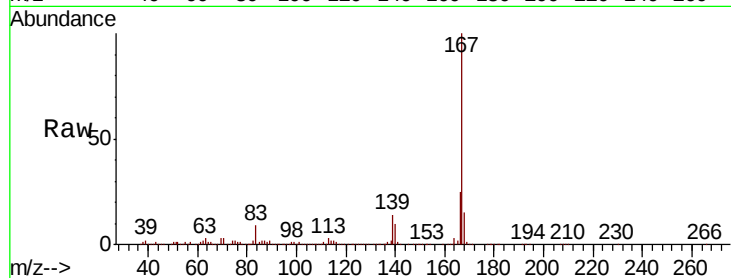
#73
 Carbazole
 Concen: 39.790 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.7	29.5
139	13.6	10.6	15.8

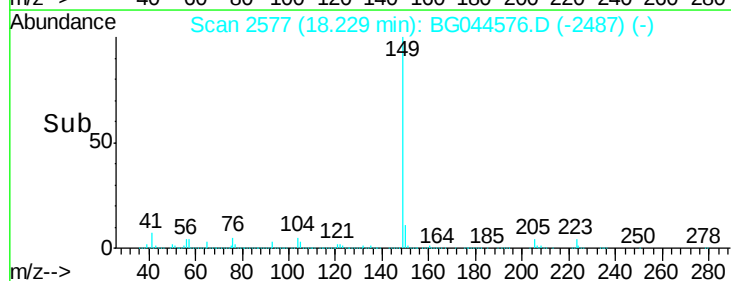
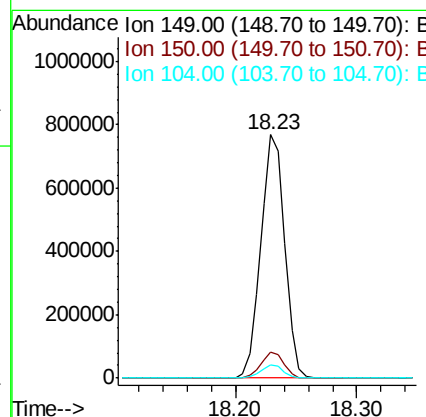
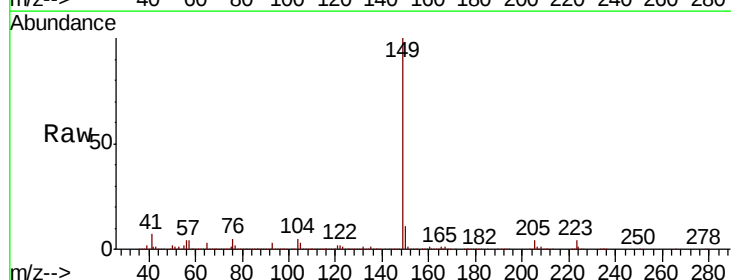
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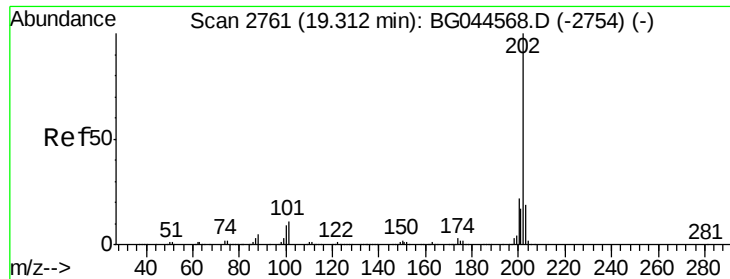
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#74
 Di-n-butylphthalate
 Concen: 39.189 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044576.D
 Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 38.050 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

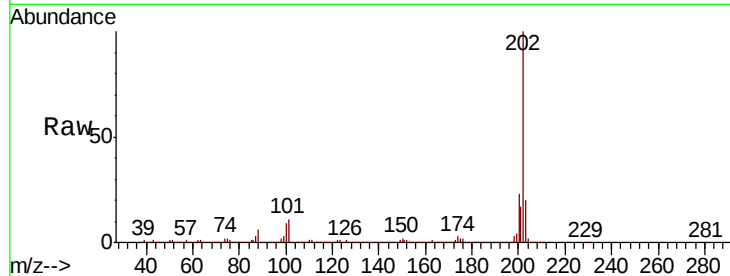
ClientSampleId :

PB126985BS

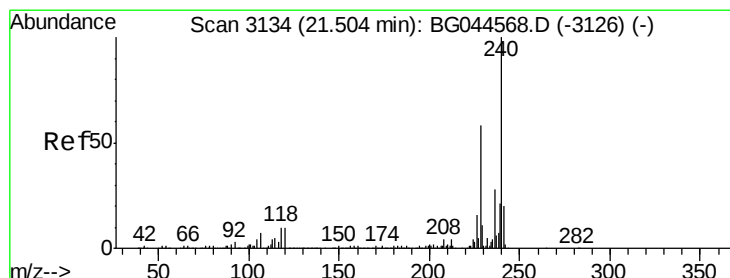
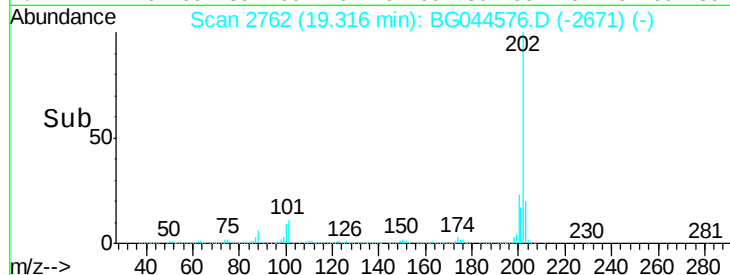
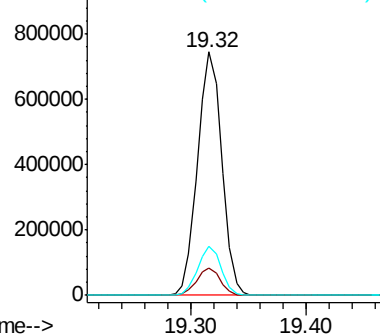
Tot Ion:	202	Resp:	1083367
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	20.0	0.0	39.2

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

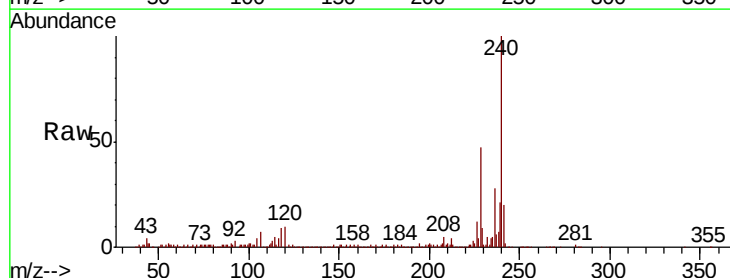
RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

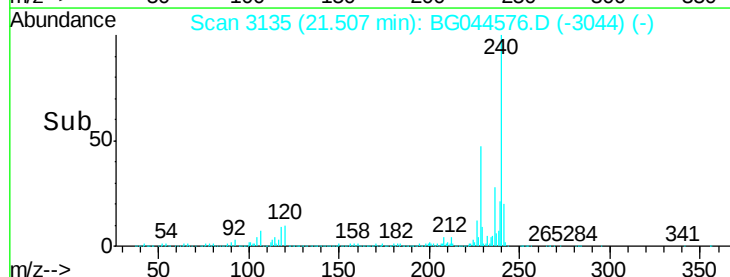
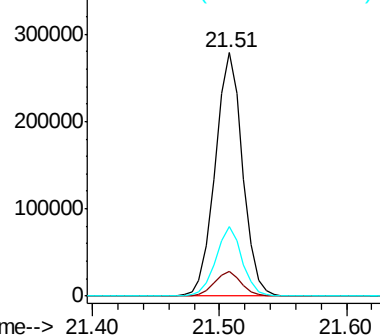
Lab File: BG044576.D

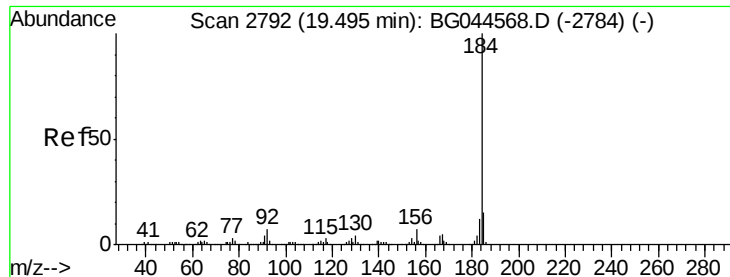
Acq: 25 Feb 2020 14:05

Tgt Ion:	240	Resp:	417849
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	28.3	22.3	33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.562 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

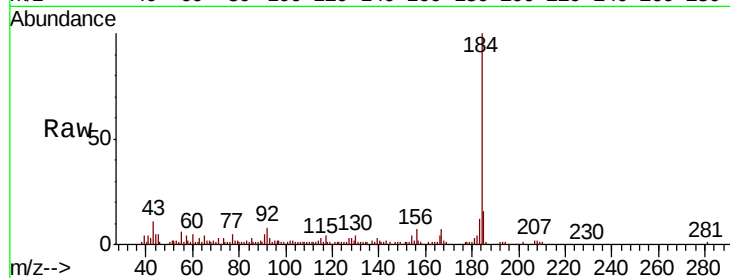
ClientSampleId :

PB126985BS

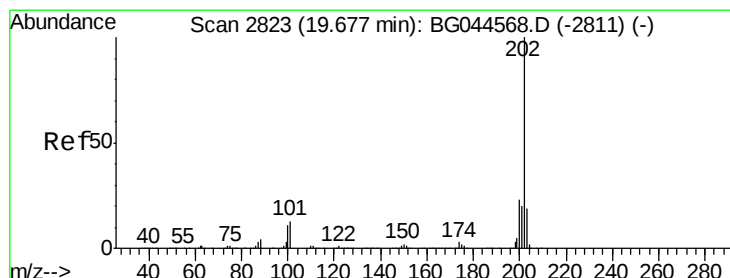
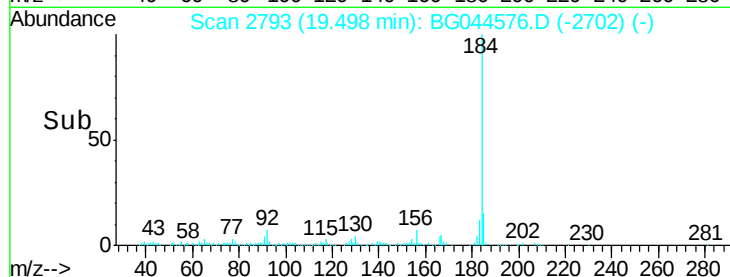
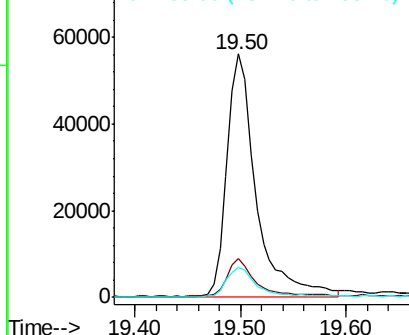
Tot Ion:	184	Resp:	108245
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.4
183	12.2	9.9	14.9

Manual Integrations
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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: 37.543 ng

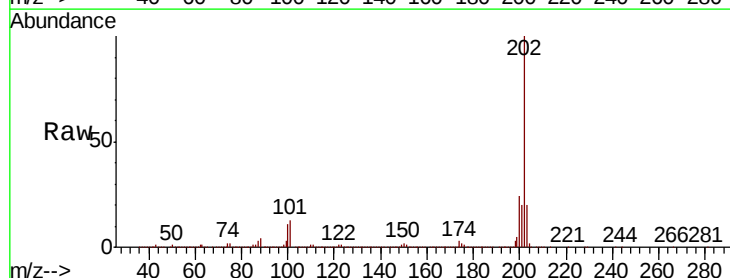
RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

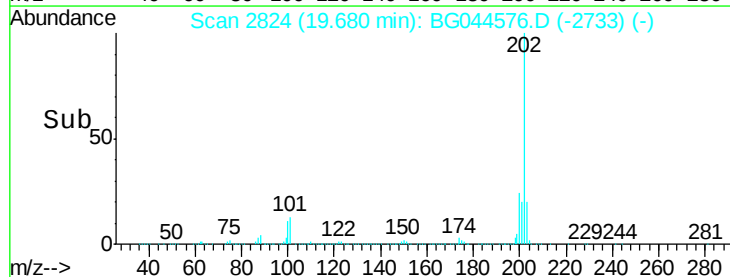
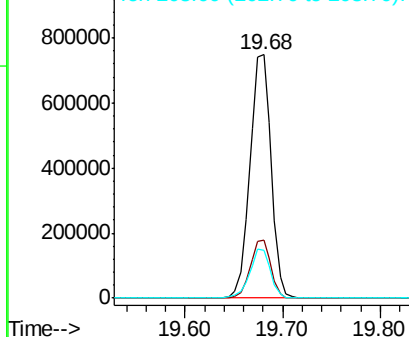
Lab File: BG044576.D

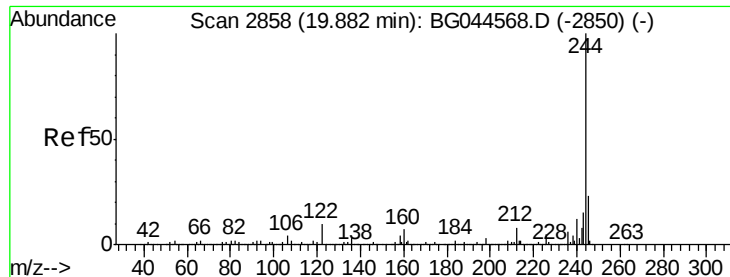
Acq: 25 Feb 2020 14:05

Tgt Ion:	202	Resp:	1138748
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.6	28.0
203	19.8	15.3	22.9



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: 64.115 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB126985BS

Tot Ion:244 Resp: 1415177

Ion Ratio Lower Upper

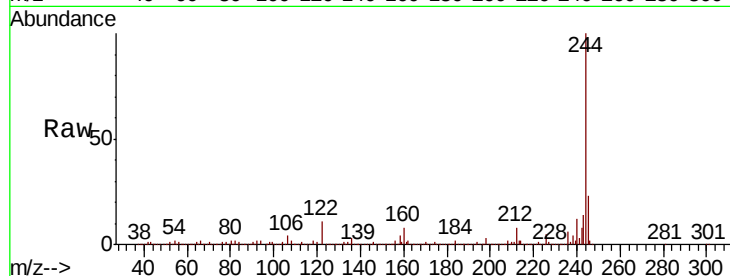
244 100

212 8.2 6.5 9.7

122 11.1 8.2 12.4

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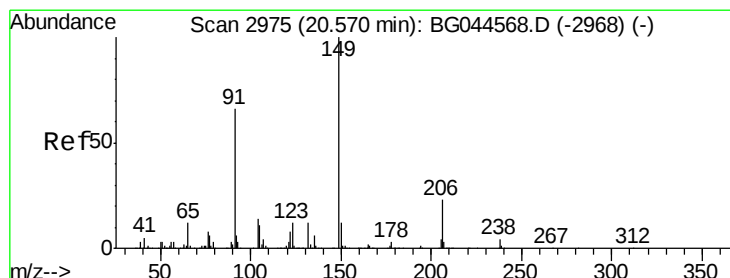
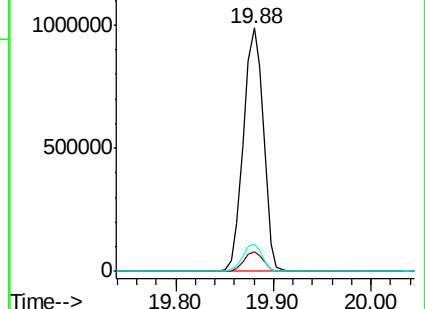
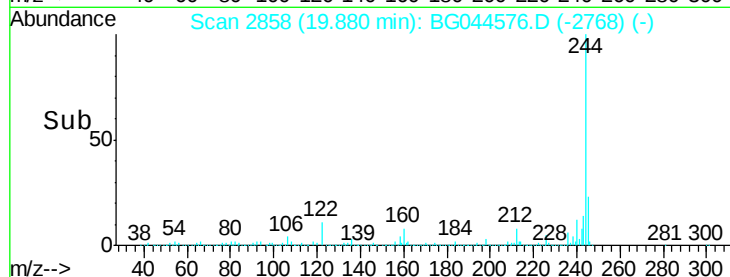
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.848 ng

RT: 20.57 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

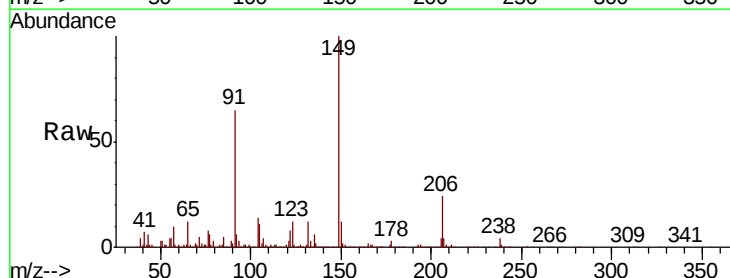
Tgt Ion:149 Resp: 475615

Ion Ratio Lower Upper

149 100

91 64.9 52.7 79.1

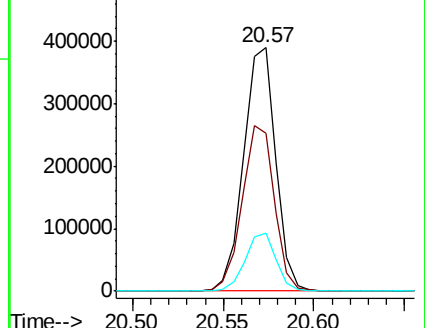
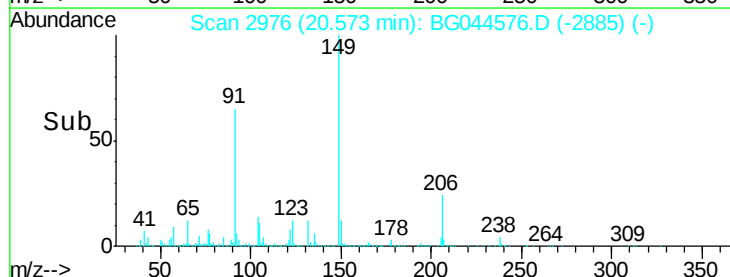
206 23.9 18.6 28.0

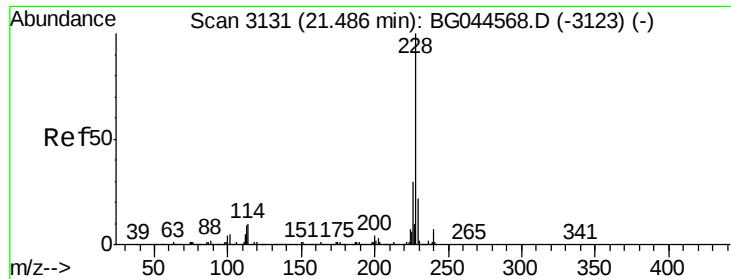


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





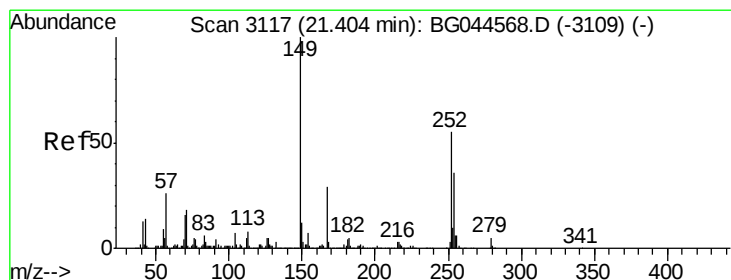
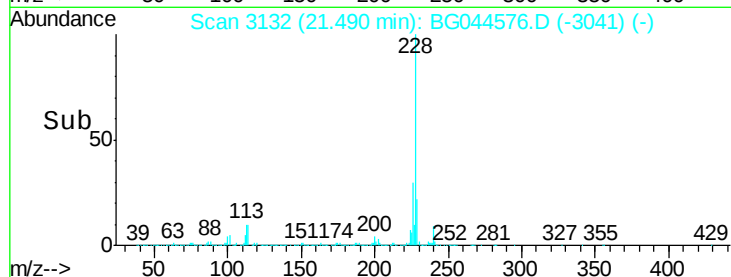
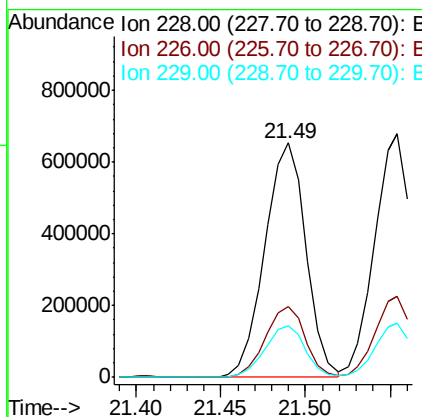
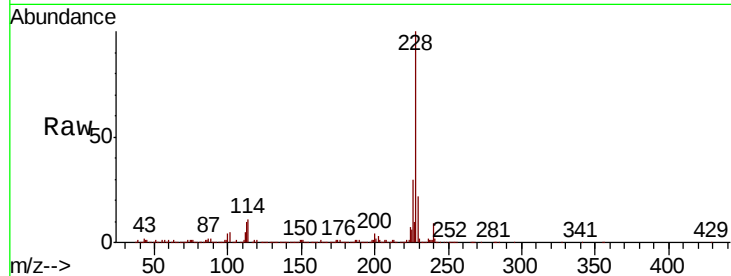
#81
Benzo(a)anthracene
Concen: 37.560 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	22.2	17.2	25.8

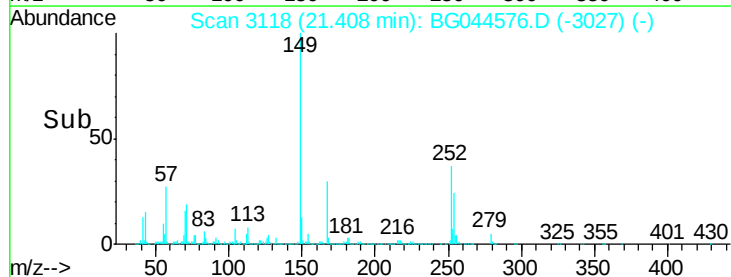
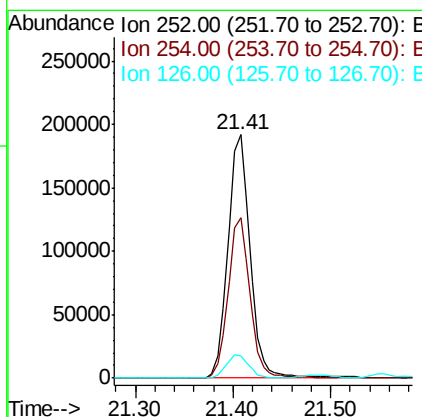
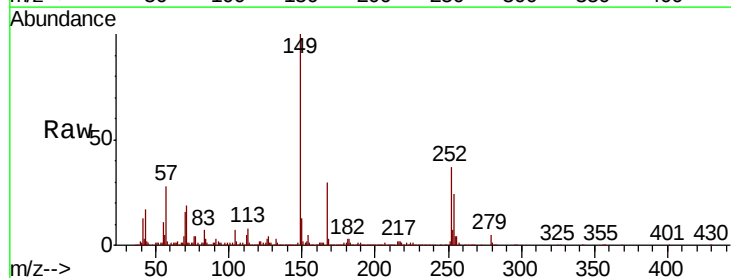
Manual Integrations
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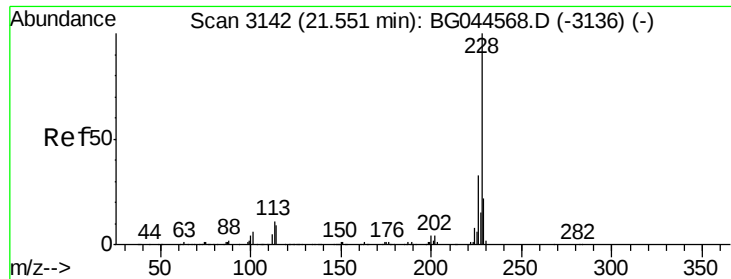
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.126 ng
RT: 21.41 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	9.3	7.8	11.6





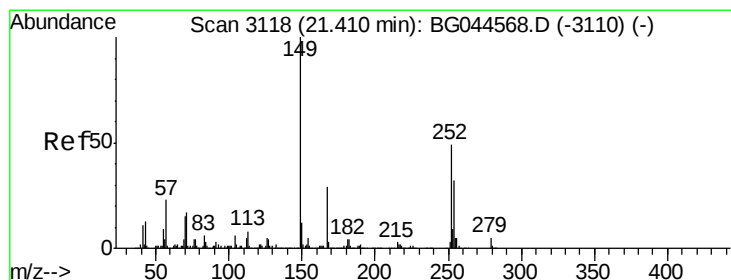
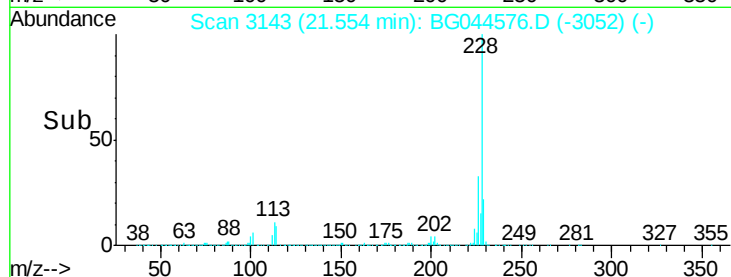
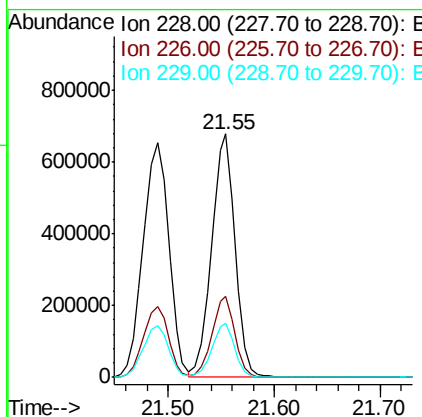
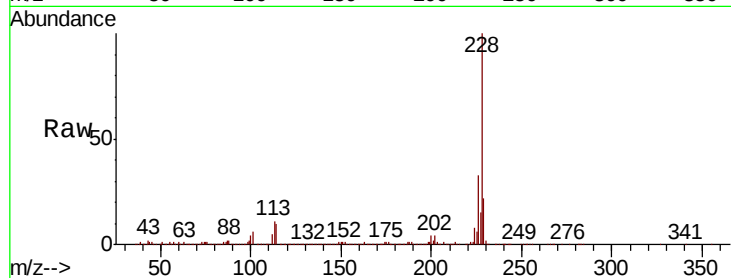
#83
Chrysene
Concen: 37.052 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion:228 Resp: 1052078
Ion Ratio Lower Upper
228 100
226 33.2 26.1 39.1
229 22.2 17.2 25.8

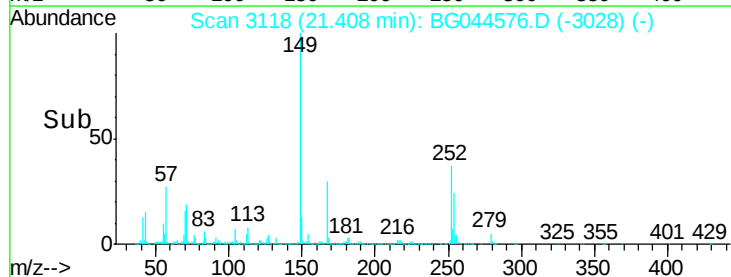
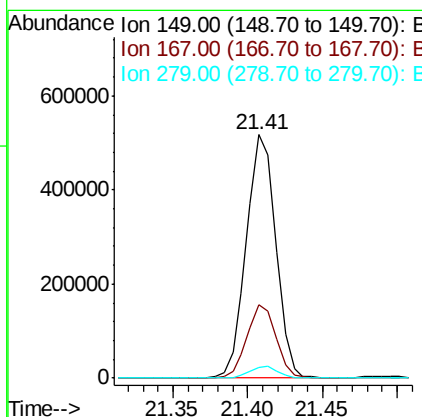
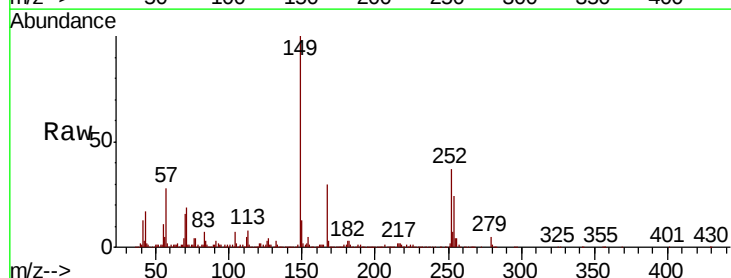
Manual Integrations
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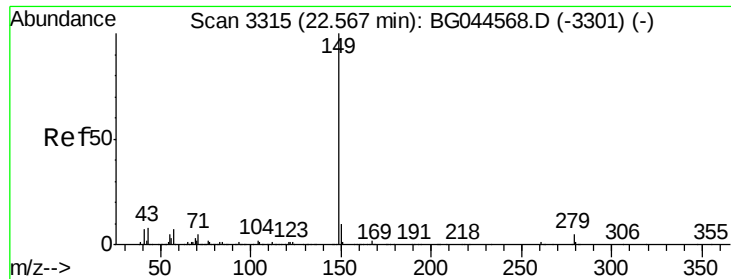
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.410 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion:149 Resp: 702187
Ion Ratio Lower Upper
149 100
167 30.3 23.4 35.0
279 4.6 4.2 6.4





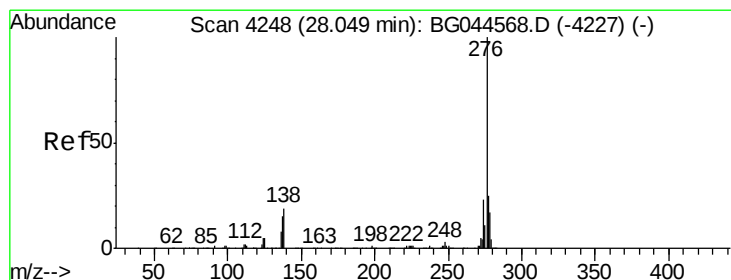
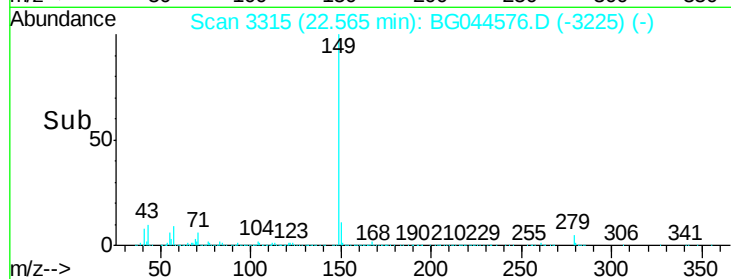
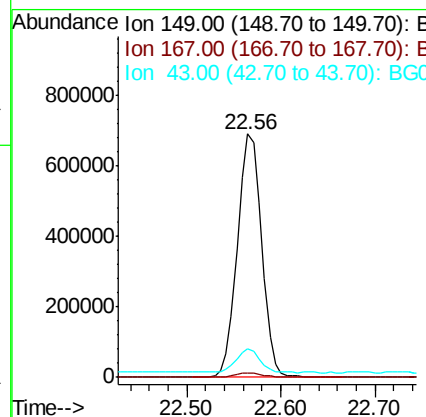
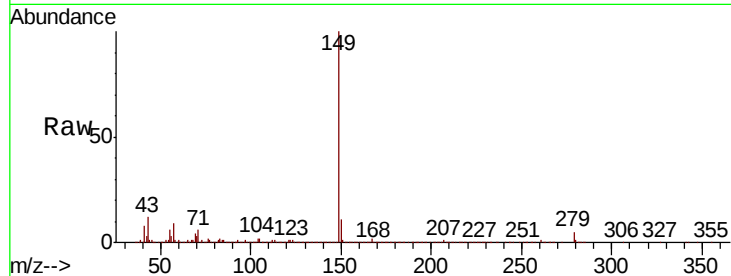
#85
Di-n-octyl phthalate
Concen: 38.432 ng
RT: 22.56 min Scan# 3315
Delta R.T. -0.00 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.3	6.6	10.0

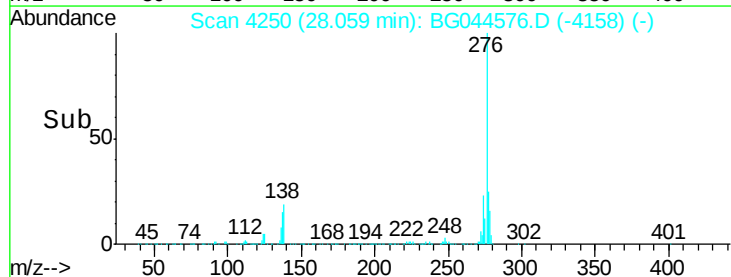
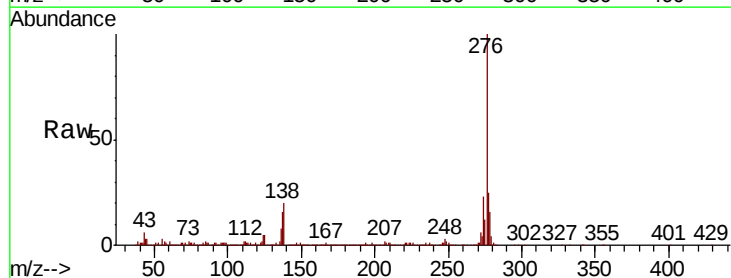
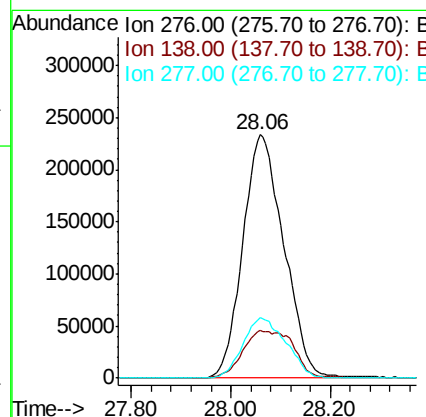
Manual Integrations
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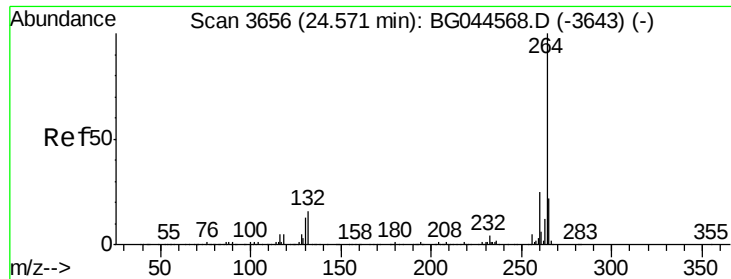
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.571 ng
RT: 28.06 min Scan# 4250
Delta R.T. 0.01 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.2	27.4
277	26.1	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

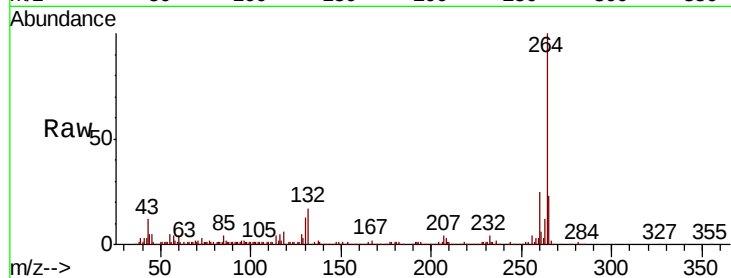
ClientSampleId :

PB126985BS

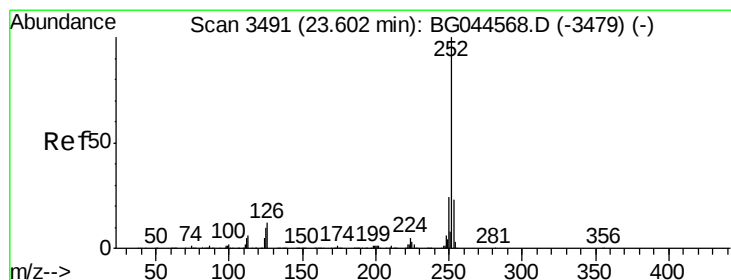
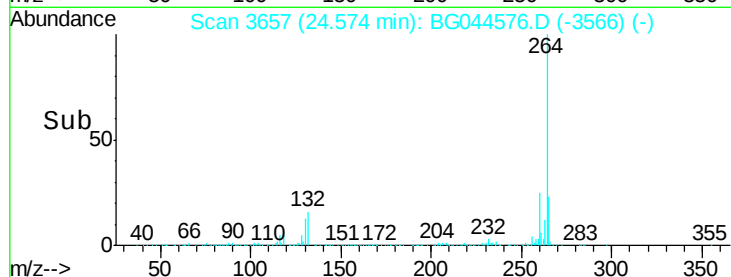
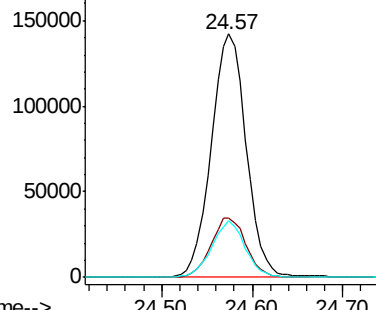
Tot Ion:	264	Resp:	379551
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.7	29.5
265	23.3	17.8	26.8

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



#88

Benzo(b)fluoranthene

Concen: 46.710 ng

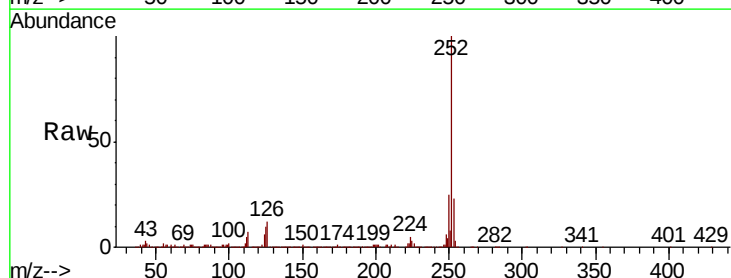
RT: 23.60 min Scan# 3492

Delta R.T. 0.00 min

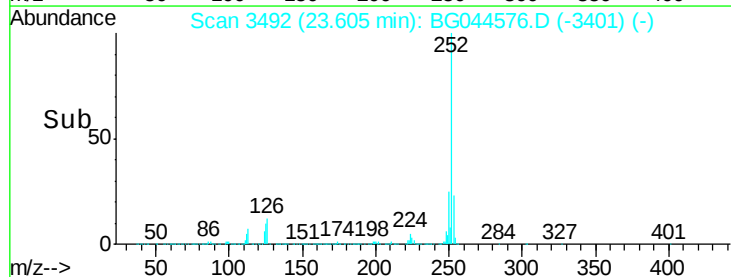
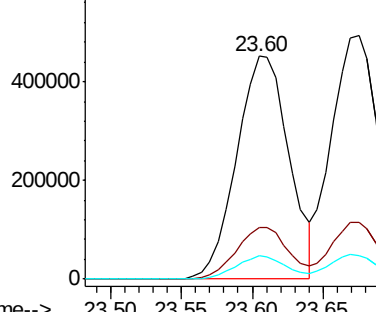
Lab File: BG044576.D

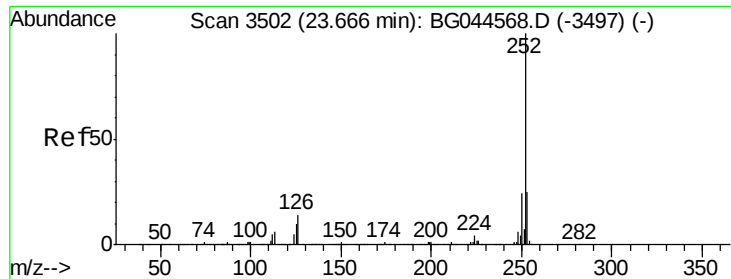
Acq: 25 Feb 2020 14:05

Tgt Ion:	252	Resp:	1165638
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.4	27.6
125	10.4	7.9	11.9



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





#89

Benzo(k)fluoranthene

Concen: 47.290 ng

RT: 23.68 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB126985BS

Tot Ion:252 Resp: 1145043

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.6

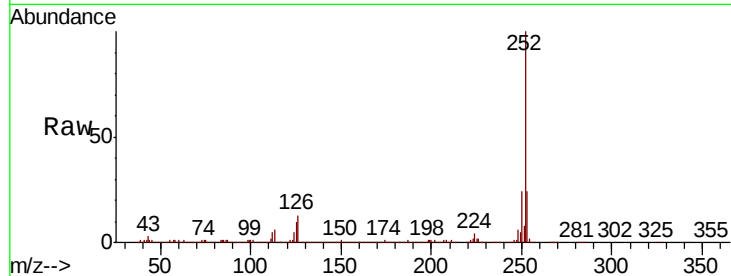
125 9.9 7.8 11.8

Manual Integrations

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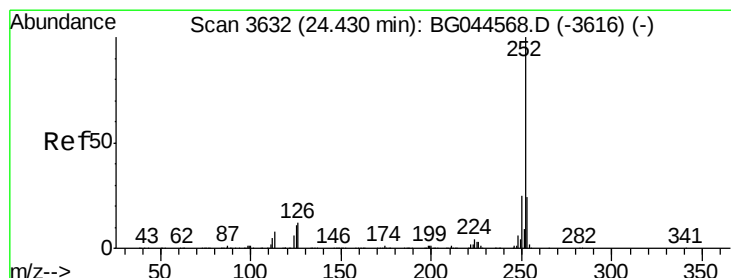
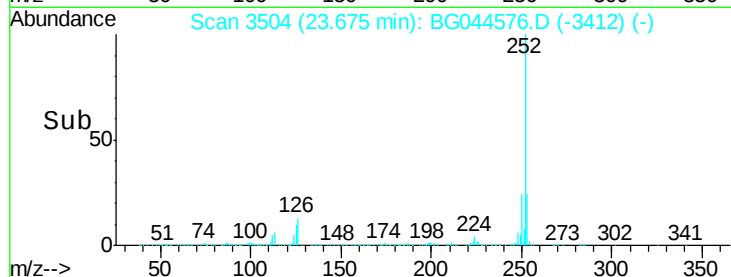
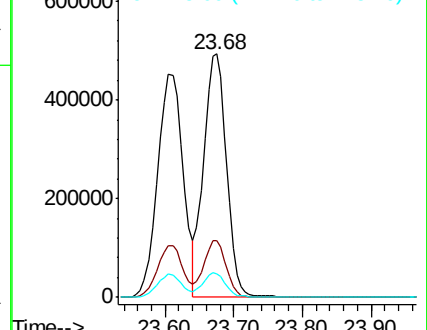
2/27/2020 5:02:55 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.241 ng

RT: 24.43 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG044576.D

Acq: 25 Feb 2020 14:05

Tgt Ion:252 Resp: 1060746

Ion Ratio Lower Upper

252 100

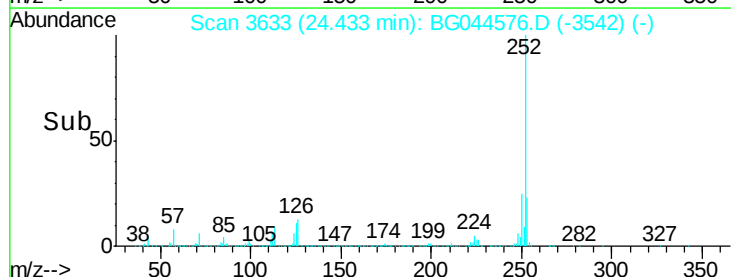
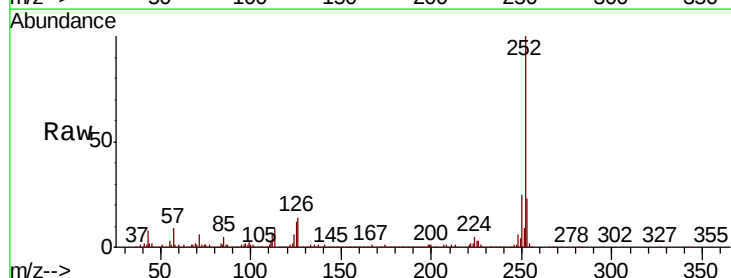
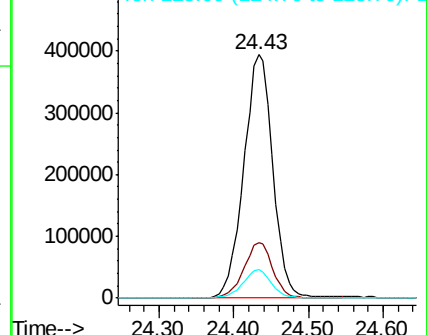
253 22.9 19.0 28.4

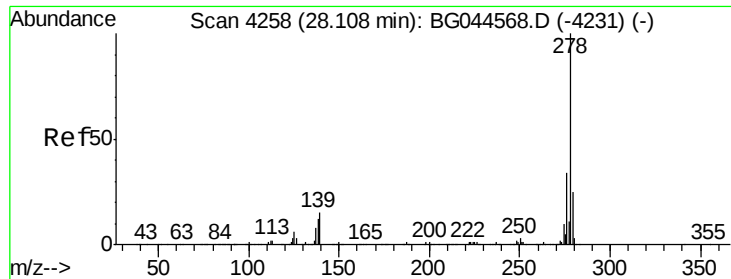
125 11.5 8.5 12.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





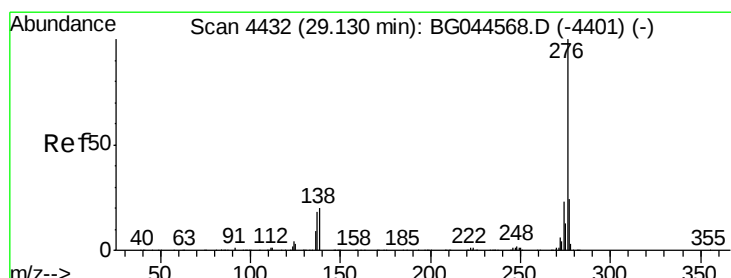
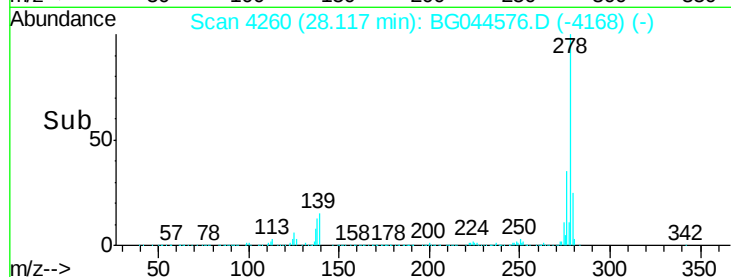
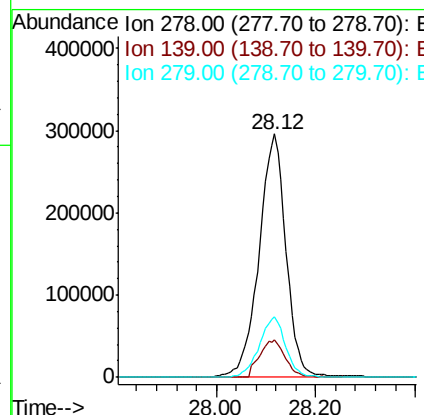
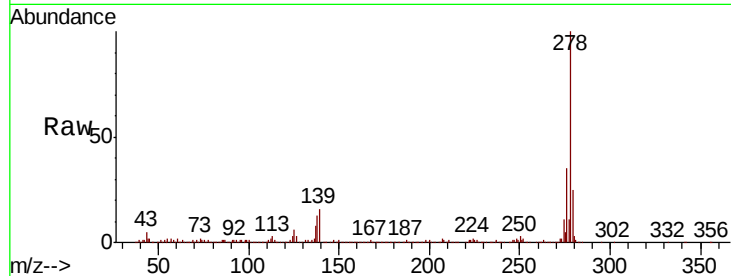
#91
Dibenzo(a,h)anthracene
Concen: 48.053 ng
RT: 28.12 min Scan# 4260
Delta R.T. 0.01 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB126985BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	25.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/27/2020 5:02:55 PM



#92
Benzo(g,h,i)perylene
Concen: 49.016 ng
RT: 29.15 min Scan# 4436
Delta R.T. 0.02 min
Lab File: BG044576.D
Acq: 25 Feb 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.7	16.1	24.1

