

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044604.D
 Acq On : 26 Feb 2020 15:22
 Operator : CG/JU
 Sample : PB127106BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Manual Integrations
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 2/27/2020 4:58:57 PM

Quant Time: Feb 27 07:10:08 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	60901	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	271129	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	173422	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	416540	20.00	ng	0.00
76) Chrysene-d12	21.50	240	416876	20.00	ng	0.00
87) Perylene-d12	24.57	264	288322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	468104	123.32	ng	0.00
7) Phenol-d6	7.05	99	653022	125.69	ng	0.00
23) Nitrobenzene-d5	9.03	82	359799	68.37	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	285407	116.07	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	871945	72.00	ng	0.00
79) Terphenyl-d14	19.87	244	1440088	65.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	50594	30.546	ng	98
3) Pyridine	3.72	79	129886	28.104	ng	95
4) n-Nitrosodimethylamine	3.63	42	64055	36.492	ng	100
6) Aniline	7.20	93	134521	21.266	ng	100
8) 2-Chlorophenol	7.44	128	171564	41.406	ng	98
9) Benzaldehyde	7.01	77	396	0.130	ng	# 70
10) Phenol	7.08	94	216697	43.039	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	156442	36.960	ng	96
12) 1,3-Dichlorobenzene	7.77	146	172177	34.840	ng	98
13) 1,4-Dichlorobenzene	7.91	146	172731	34.778	ng	99
14) 1,2-Dichlorobenzene	8.22	146	166588	35.270	ng	99
15) Benzyl Alcohol	8.11	79	144934	41.362	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	203837	35.833	ng	97
17) 2-Methylphenol	8.33	107	148298	41.229	ng	97
18) Hexachloroethane	8.96	117	62358	34.355	ng	98
19) n-Nitroso-di-n-propylamine	8.68	70	124394	37.247	ng	99
20) 3+4-Methylphenols	8.65	107	206636	41.961	ng	98
22) Acetophenone	8.69	105	245078	36.003	ng	# 99
24) Nitrobenzene	9.08	77	177175	34.749	ng	99
25) Isophorone	9.60	82	347283	35.274	ng	98
26) 2-Nitrophenol	9.79	139	100905	36.492	ng	98
27) 2,4-Dimethylphenol	9.86	122	163161	42.025	ng	97
28) bis(2-Chloroethoxy)methane	10.08	93	219254	33.676	ng	99
29) 2,4-Dichlorophenol	10.33	162	177220	38.180	ng	99
30) 1,2,4-Trichlorobenzene	10.54	180	175615	32.714	ng	100
31) Naphthalene	10.73	128	516111	34.885	ng	99
32) Benzoic acid	10.02	122	96843	57.527	ng	95
33) 4-Chloroaniline	10.83	127	102955	15.800	ng	98
34) Hexachlorobutadiene	11.02	225	103629	30.739	ng	99
35) Caprolactam	11.60	113	64326m	38.712	ng	
36) 4-Chloro-3-methylphenol	11.97	107	192131	40.212	ng	97
37) 2-Methylnaphthalene	12.34	142	392431	35.891	ng	98
38) 1-Methylnaphthalene	12.55	142	375861	36.177	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	205568	35.210	ng	99

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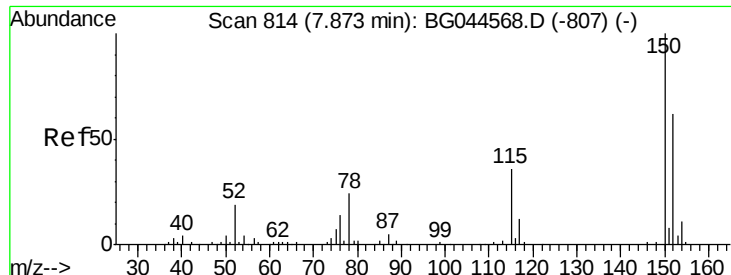
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 2/27/2020 4:58:57 PM

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 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	94764	38.991	nq	100
43) 2,4,6-Trichlorophenol	12.95	196	145942	38.499	nq	99
44) 2,4,5-Trichlorophenol	13.03	196	158535	40.711	nq	97
46) 1,1'-Biphenyl	13.35	154	512555	35.714	nq	98
47) 2-Chloronaphthalene	13.39	162	399532	35.502	nq	98
48) 2-Nitroaniline	13.59	65	118525	37.941	nq	98
49) Acenaphthylene	14.23	152	626853	37.735	nq	99
50) Dimethylphthalate	13.98	163	525469	37.540	nq	99
51) 2,6-Dinitrotoluene	14.09	165	121654	39.408	nq	97
52) Acenaphthene	14.58	154	386704	36.518	nq	100
53) 3-Nitroaniline	14.42	138	89109	26.764	nq	99
54) 2,4-Dinitrophenol	14.63	184	147886	80.357	nq	97
55) Dibenzofuran	14.92	168	624396	38.462	nq	100
56) 4-Nitrophenol	14.75	139	208739	91.146	nq	99
57) 2,4-Dinitrotoluene	14.88	165	174698	40.251	nq	98
58) Fluorene	15.56	166	499574	38.812	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	147696	41.187	nq	97
60) Diethylphthalate	15.34	149	533958	38.500	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	259076	37.018	nq	98
62) 4-Nitroaniline	15.59	138	123299	36.985	nq	96
63) Azobenzene	15.85	77	460049	38.976	nq	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	107621	41.727	nq	97
66) n-Nitrosodiphenylamine	15.77	169	469483	36.133	nq	99
67) 4-Bromophenyl-phenylether	16.45	248	177055	34.244	nq	99
68) Hexachlorobenzene	16.58	284	193104	33.033	nq	99
69) Atrazine	16.72	200	70630	14.704	nq	98
70) Pentachlorophenol	16.92	266	326519	111.043	nq	98
71) Phenanthrene	17.30	178	827020	35.862	nq	99
72) Anthracene	17.40	178	808274	35.566	nq	99
73) Carbazole	17.67	167	763885	36.927	nq	99
74) Di-n-butylphthalate	18.23	149	942241	36.349	nq	99
75) Fluoranthene	19.32	202	992311	36.349	nq	99
77) Benzidine	19.50	184	72389	5.069	nq	98
78) Pyrene	19.67	202	1009578	33.362	nq	100
80) Butylbenzylphthalate	20.57	149	433265	32.732	nq	98
81) Benzo(a)anthracene	21.48	228	952158	32.498	nq	100
82) 3,3'-Dichlorobenzidine	21.40	252	261319	22.576	nq	99
83) Chrysene	21.55	228	916006	32.335	nq	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	601880	33.000	nq	99
85) Di-n-octyl phthalate	22.56	149	1058993	33.001	nq	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1133641	31.182	nq	100
88) Benzo(b)fluoranthene	23.61	252	1007933	53.170	nq	99
89) Benzo(k)fluoranthene	23.66	252	964896	52.459	nq	99
90) Benzo(a)pyrene	24.43	252	940847	52.824	nq	99
91) Dibenzo(a,h)anthracene	28.09	278	940095	53.370	nq	99
92) Benzo(g,h,i)perylene	29.12	276	948894	53.767	nq	99

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



#1

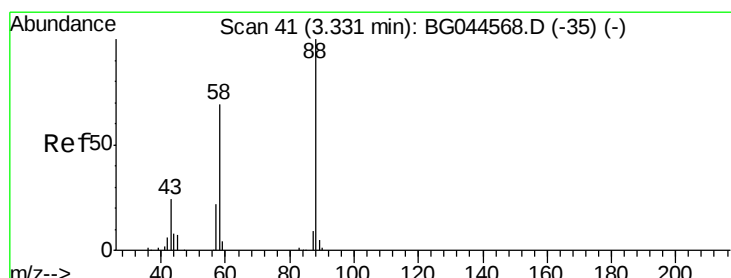
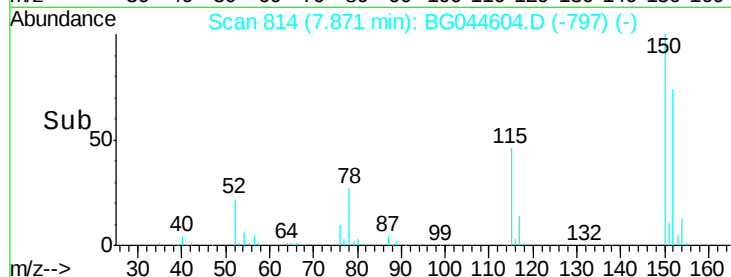
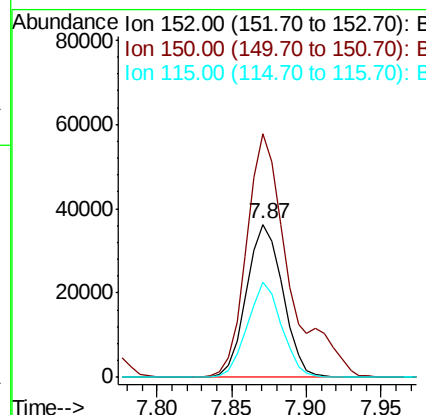
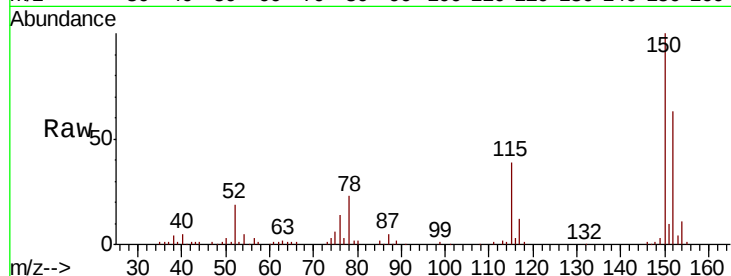
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.9	193.3
115	62.1	47.0	70.4

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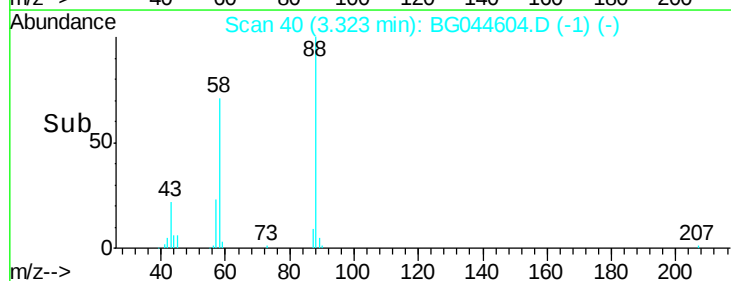
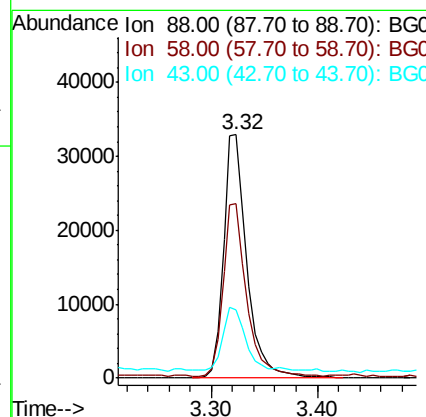
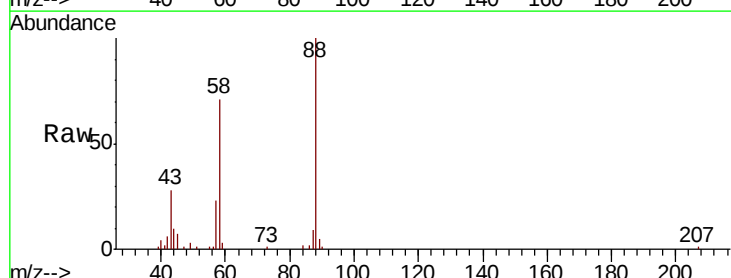
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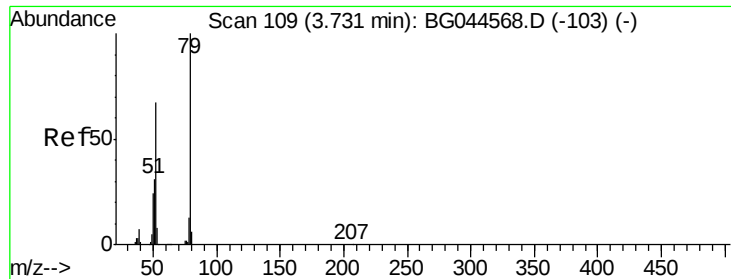


#2

1,4-Dioxane
Concen: 30.546 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	55.8	83.8
43	24.2	20.6	31.0





#3

Pvridine

Concen: 28.104 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

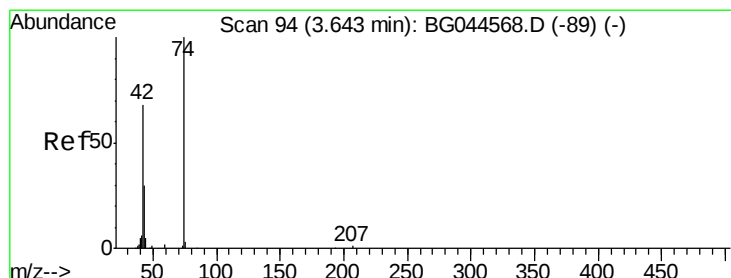
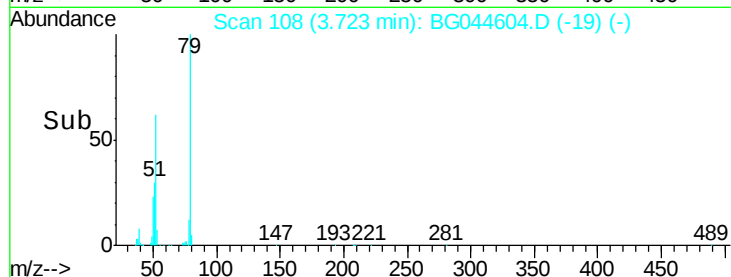
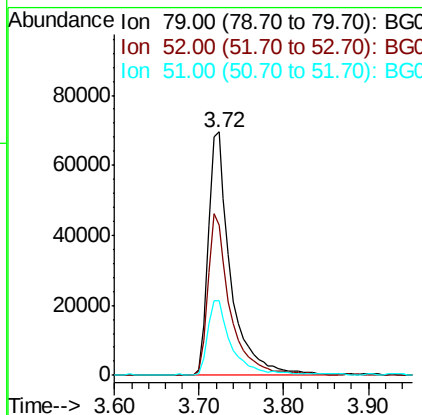
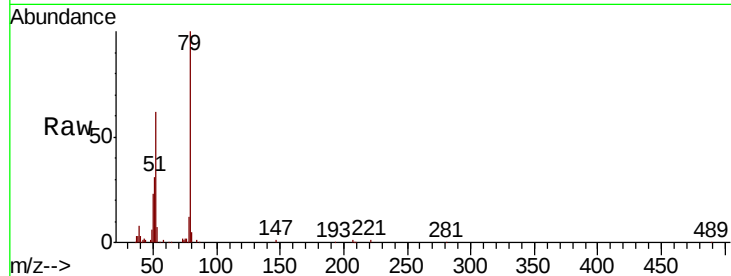
ClientSampleId :

PB127106BS

Tot Ion:	79	Resp:	129886
Ion	Ratio	Lower	Upper
79	100		
52	61.8	53.7	80.5
51	30.6	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 36.492 ng

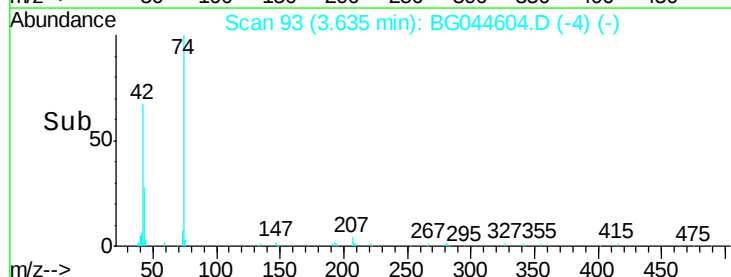
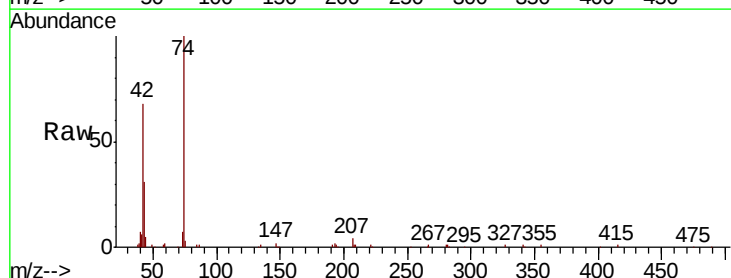
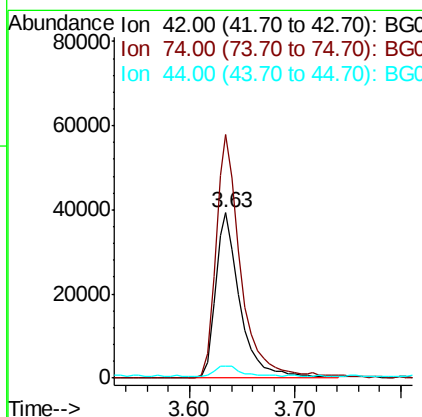
RT: 3.63 min Scan# 93

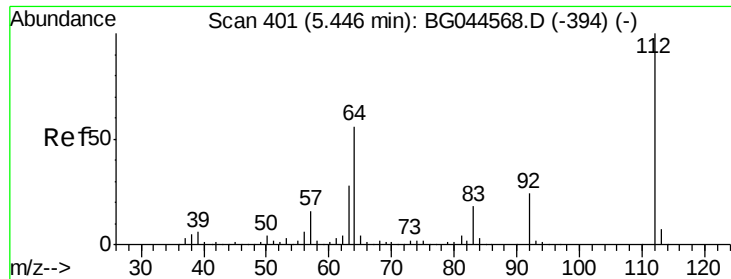
Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	42	Resp:	64055
Ion	Ratio	Lower	Upper
42	100		
74	147.2	117.6	176.4
44	7.4	6.3	9.5





#5

2-Fluorophenol

Concen: 123.325 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

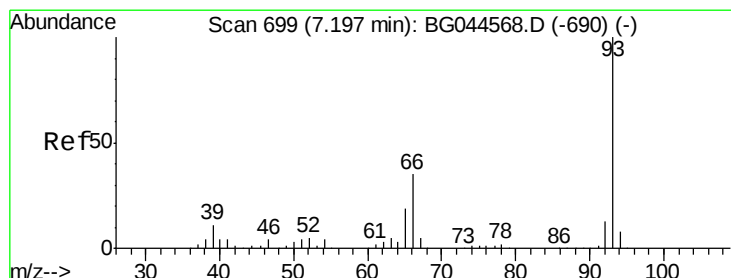
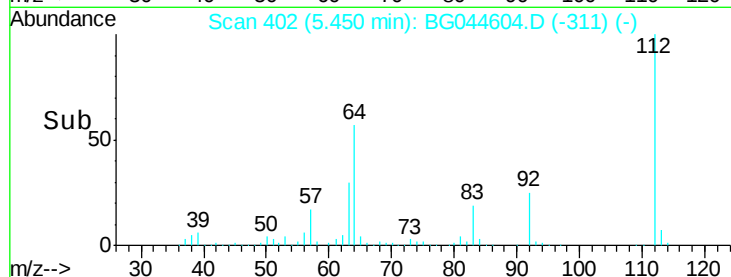
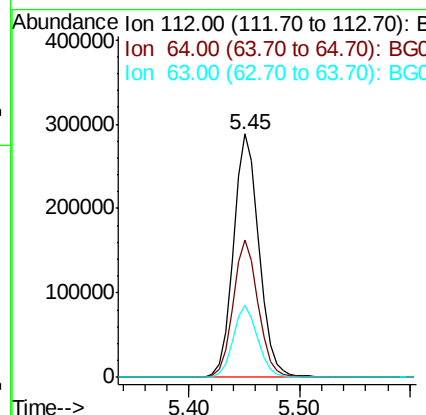
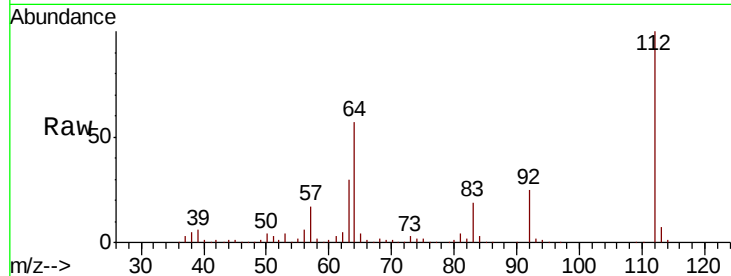
ClientSampleId :

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Tot Ion:	112	Resp:	468104
Ion Ratio	Lower	Upper	
112	100		
64	56.7	44.8	67.2
63	29.8	22.3	33.5

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#6

Aniline

Concen: 21.266 ng

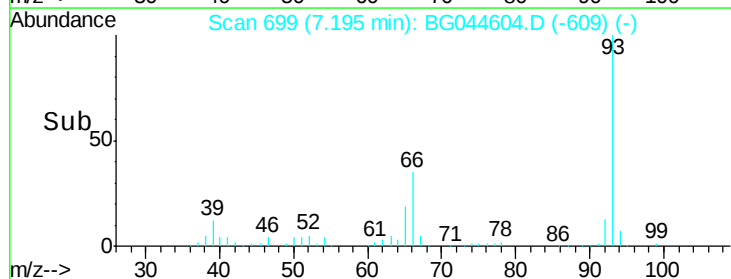
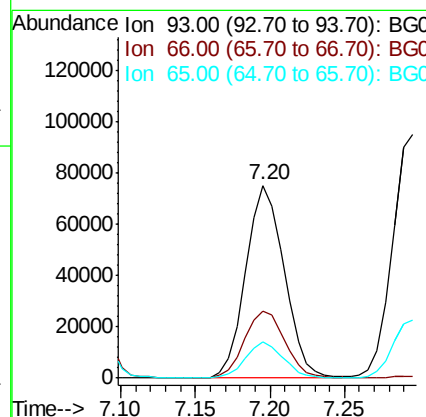
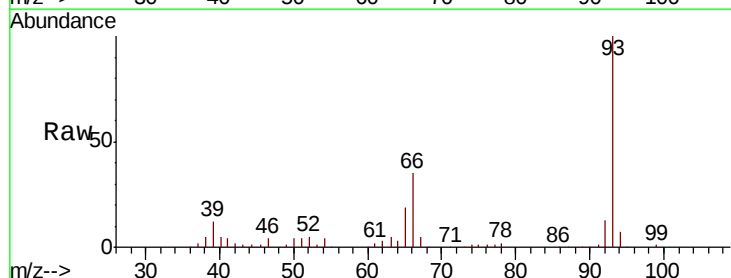
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	93	Resp:	134521
Ion Ratio	Lower	Upper	
93	100		
66	34.7	27.8	41.8
65	18.9	14.9	22.3





#7

Phenol-d6

Concen: 125.687 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

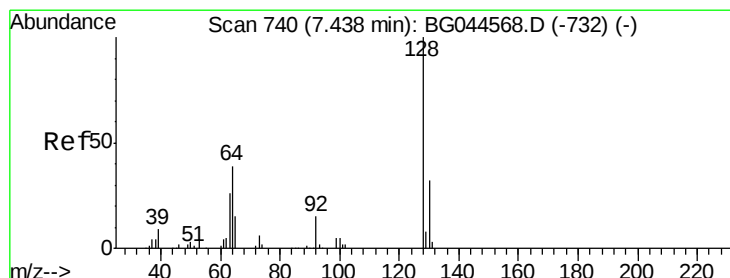
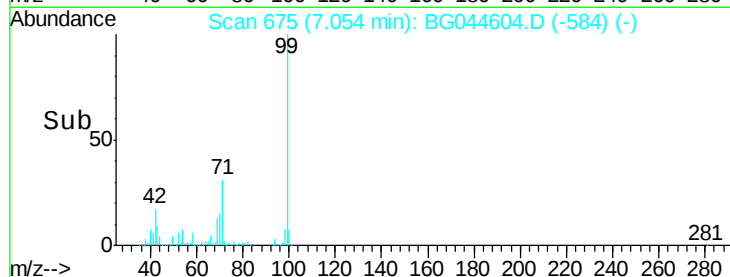
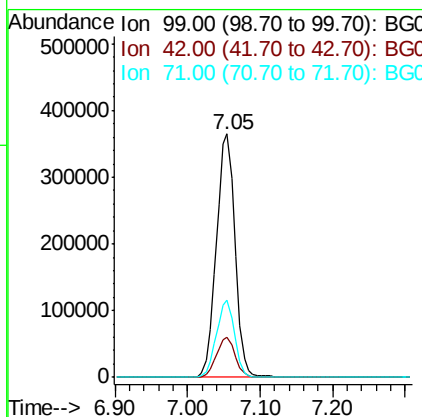
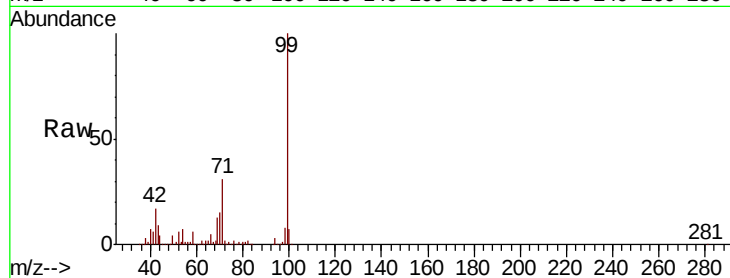
ClientSampleId :

PB127106BS

Tot Ion:	99	Resp:	653022
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	31.5	24.4	36.6

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#8

2-Chlorophenol

Concen: 41.406 ng

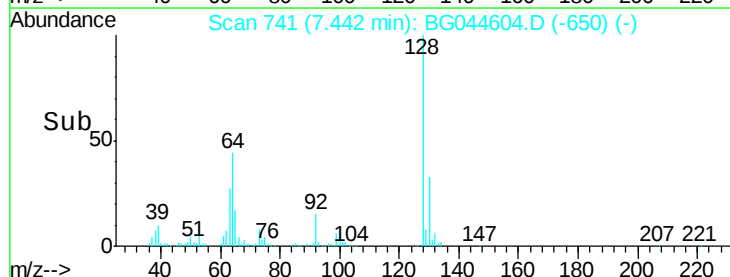
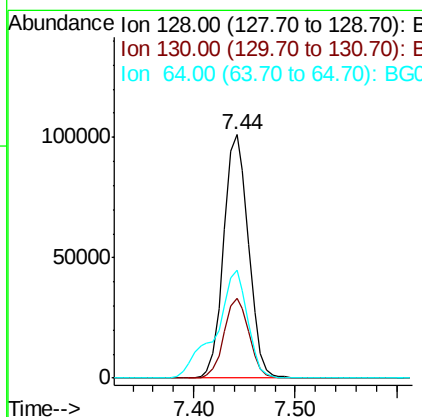
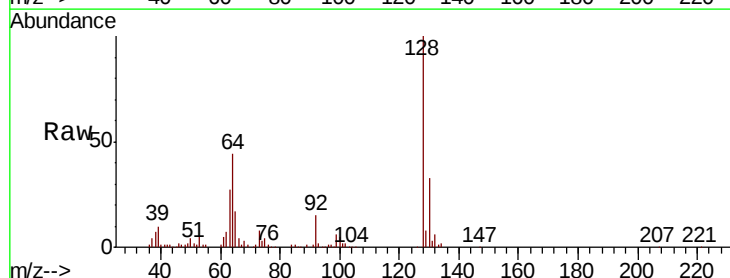
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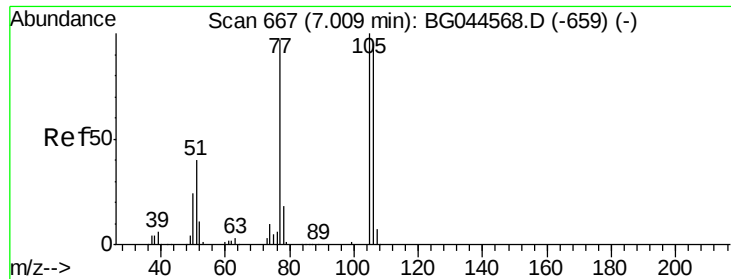
Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	128	Resp:	171564
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	44.2	22.5	62.5





#9

Benzaldehyde

Concen: 0.130 ng

RT: 7.01 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

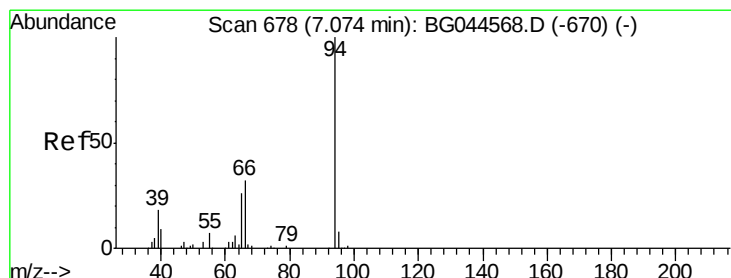
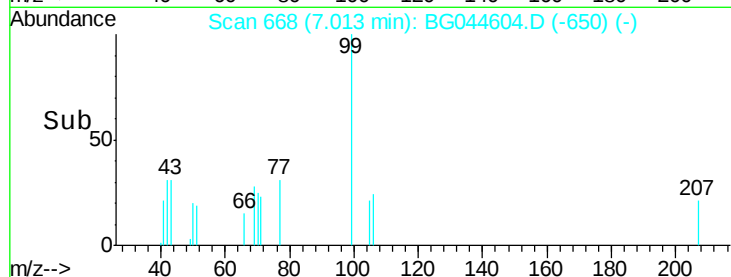
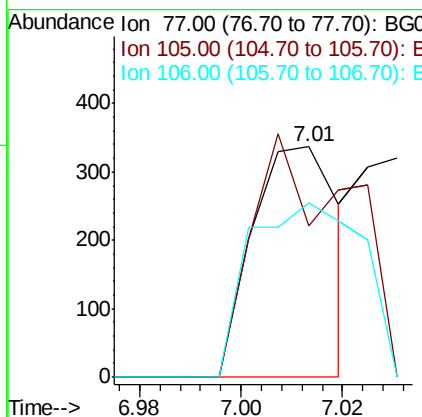
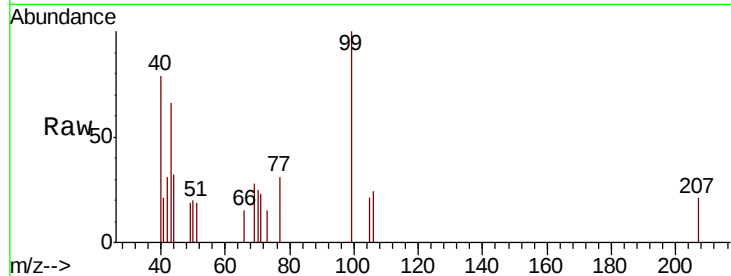
ClientSampleId :

PB127106BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	65.6	83.6	123.6#
106	75.4	78.2	118.2#

Manual Integrations
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#10

Phenol

Concen: 43.039 ng

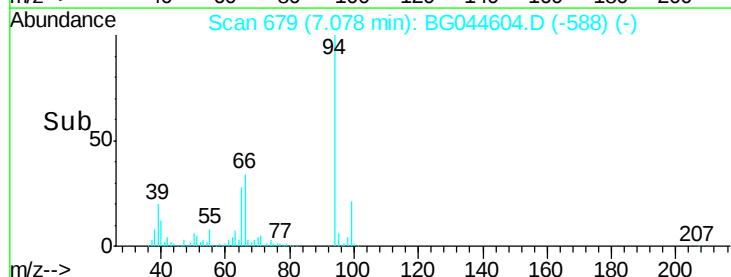
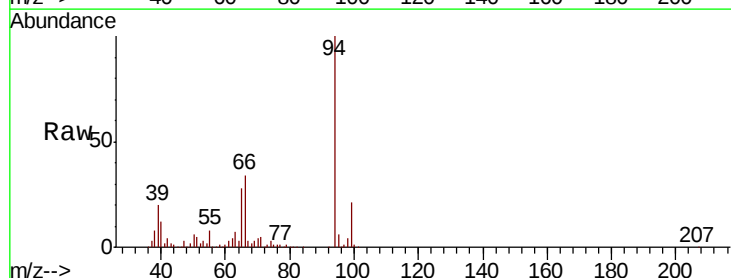
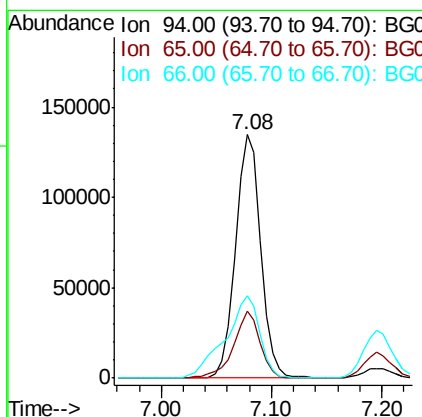
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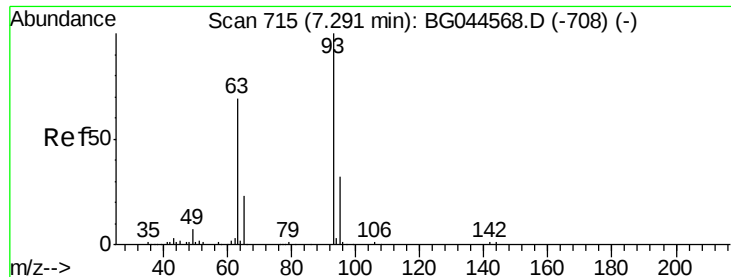
Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	6.4	46.4
66	34.1	13.9	53.9





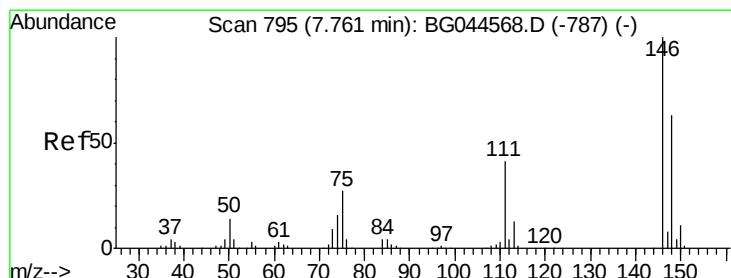
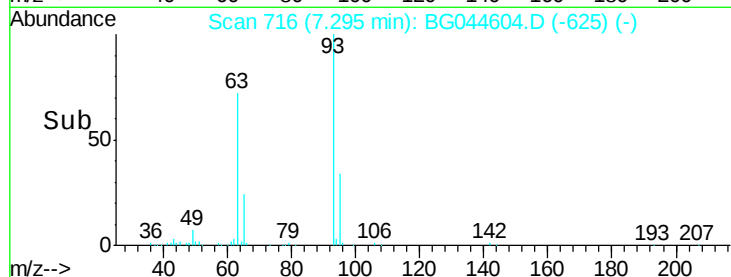
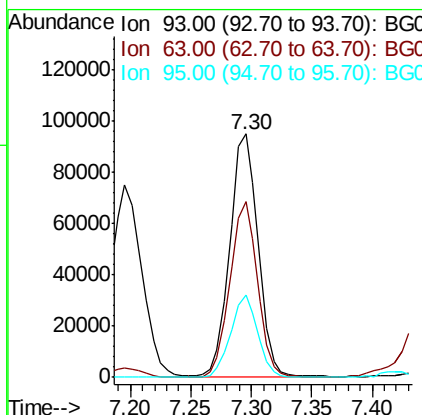
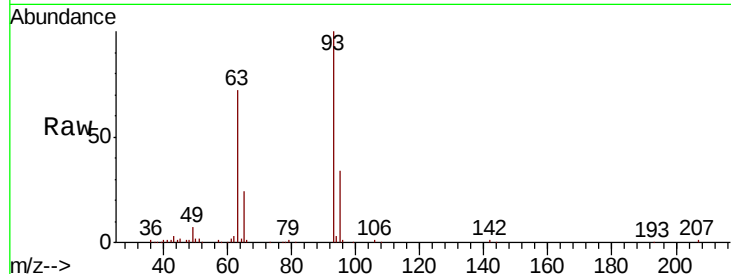
#11
bis(2-Chloroethyl)ether
Concen: 36.960 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	48.9	88.9
95	33.8	11.3	51.3

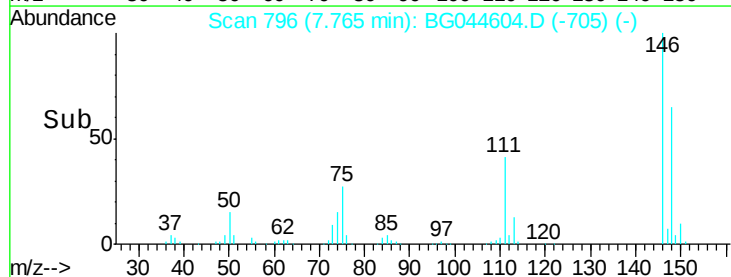
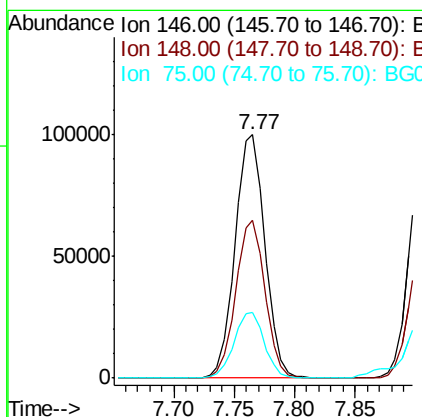
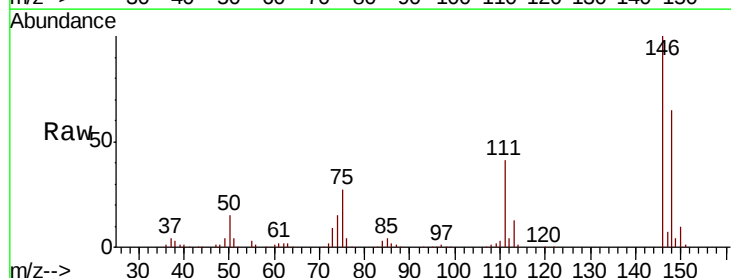
Manual Integrations
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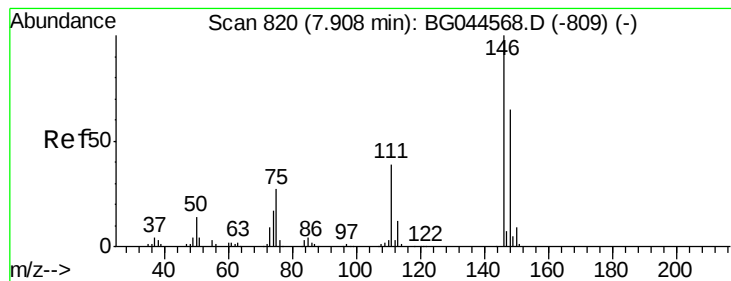
mohammad
2/27/2020 4:58:57 PM



#12
1,3-Dichlorobenzene
Concen: 34.840 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
75	27.1	21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 34.778 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

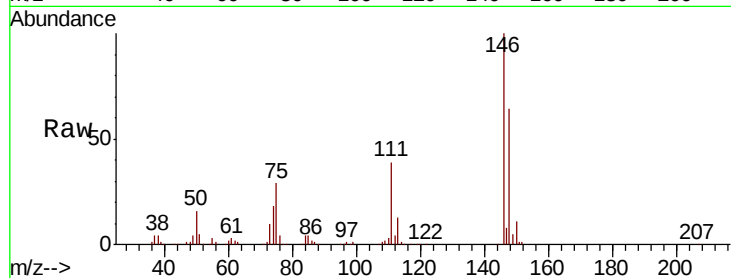
ClientSampled :

PB127106BS

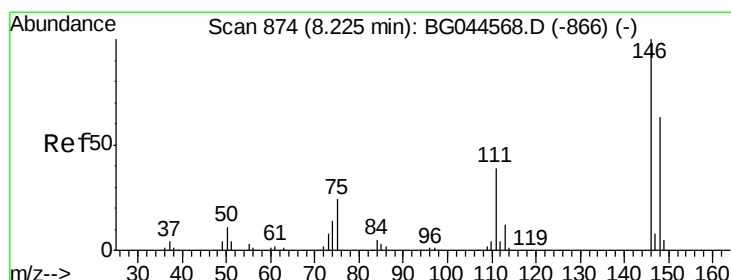
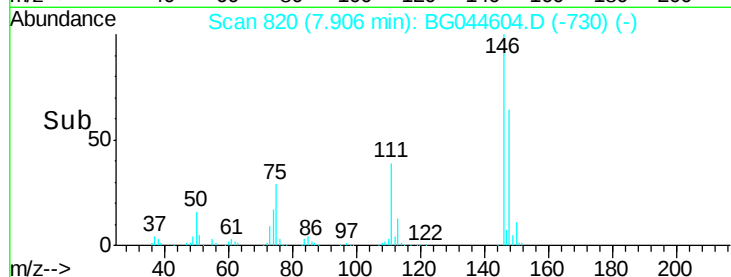
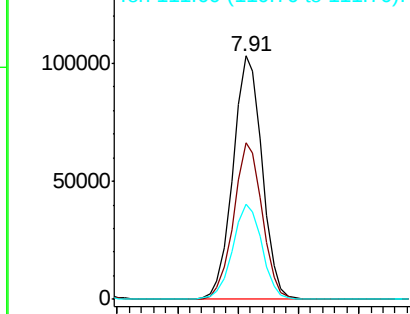
Tot Ion:	146	Resp:	172731
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
111	38.9	30.8	46.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.270 ng

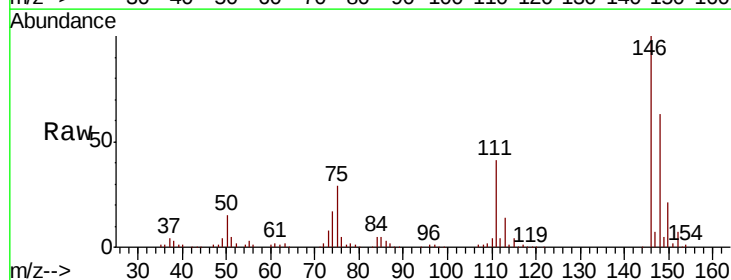
RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

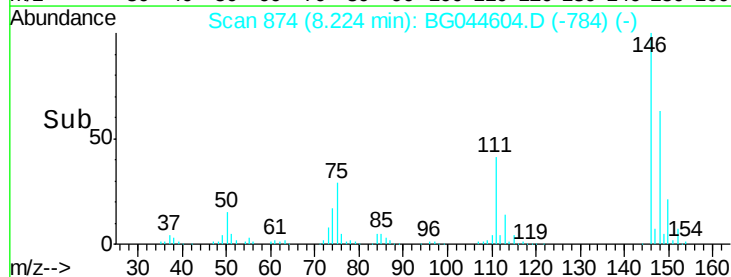
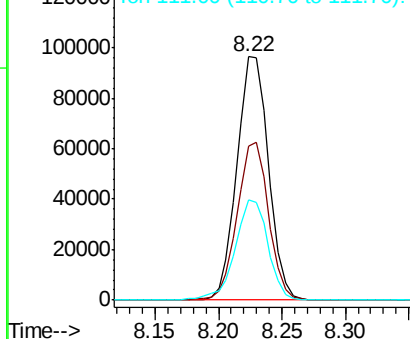
Lab File: BG044604.D

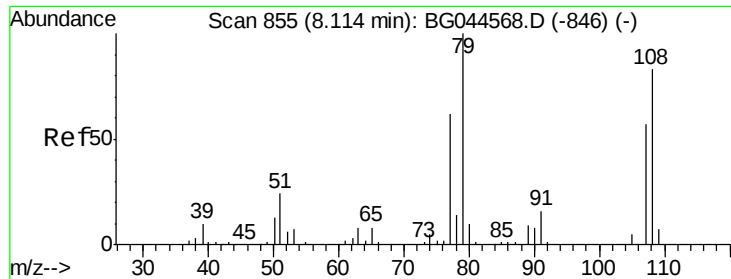
Acq: 26 Feb 2020 15:22

Tgt Ion:	146	Resp:	166588
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.7	76.1
111	41.1	31.8	47.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.362 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

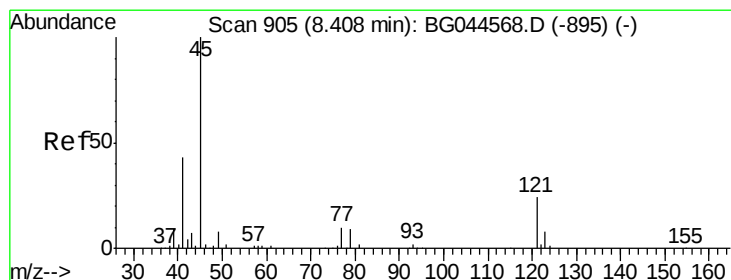
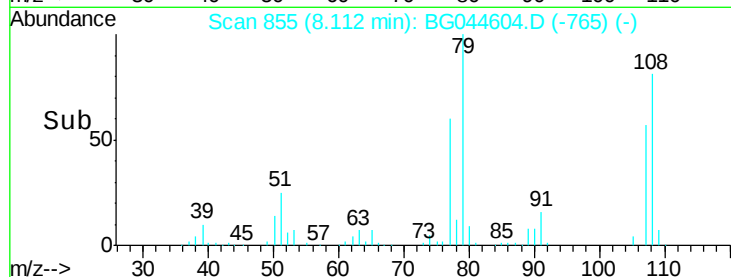
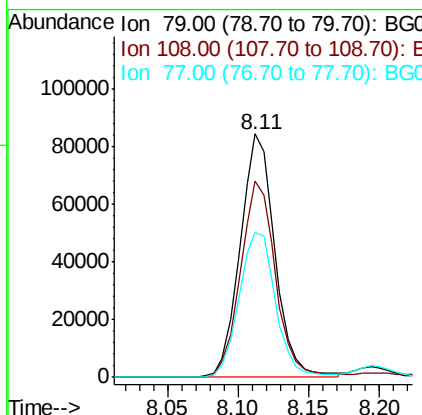
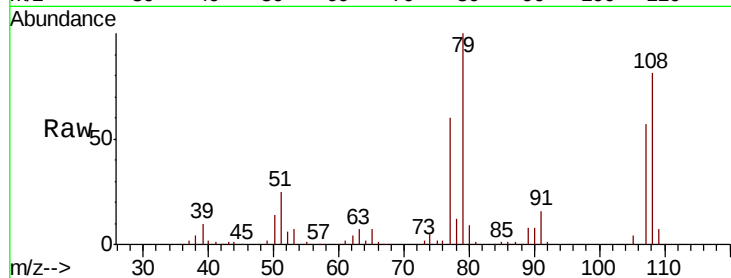
ClientSampled :

PB127106BS

Tot Ion:	79	Resp:	144934
Ion	Ratio	Lower	Upper
79	100		
108	80.6	66.0	99.0
77	59.7	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.833 ng

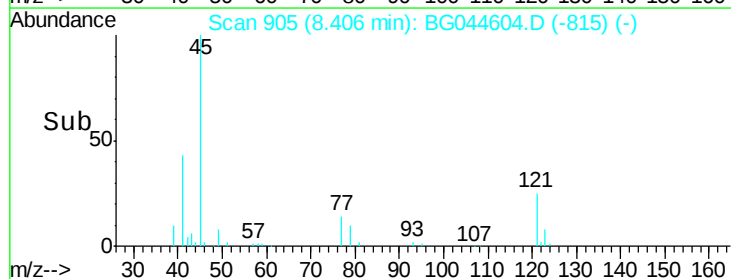
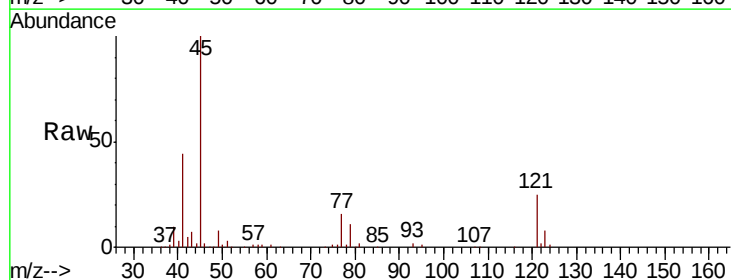
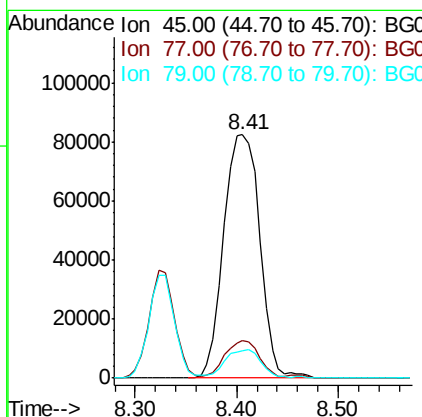
RT: 8.41 min Scan# 905

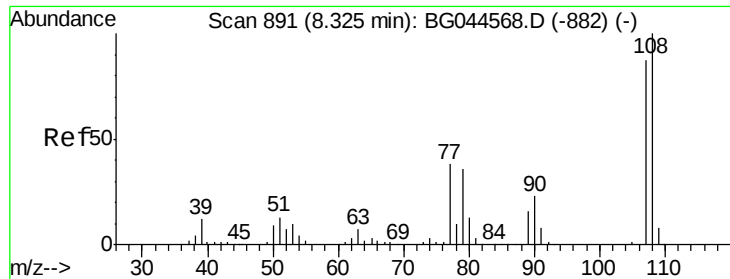
Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	45	Resp:	203837
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.4
79	11.3	0.0	32.3





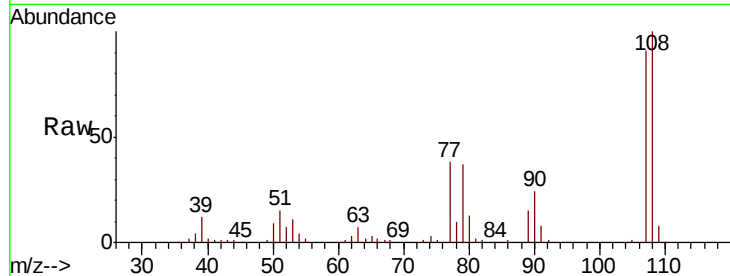
#17
2-Methylphenol
Concen: 41.229 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	91.7	137.5	
77	42.4	35.1	52.7	
79	41.1	33.2	49.8	

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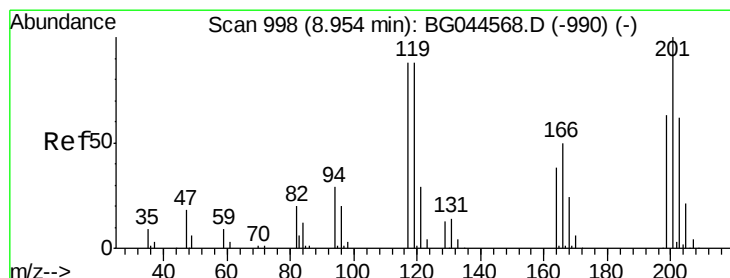
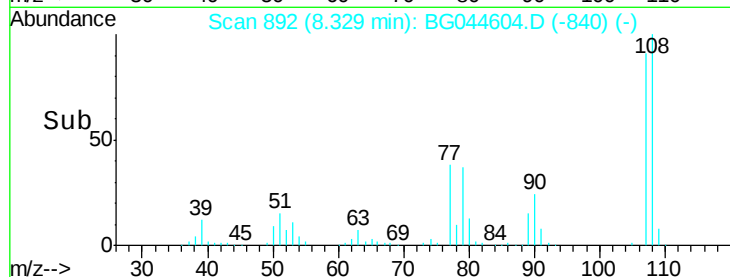
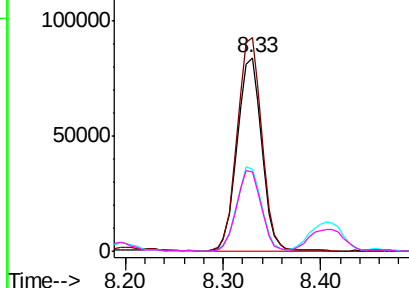
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

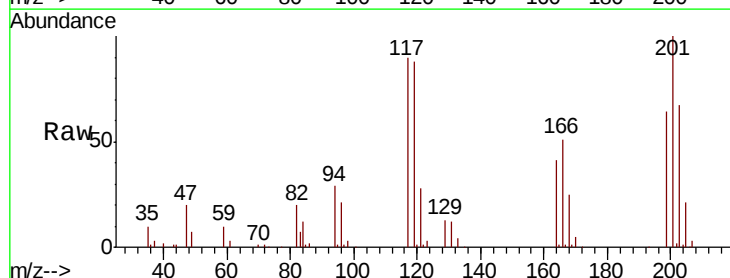
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 34.355 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	80.0	120.0	
201	111.2	90.5	135.7	

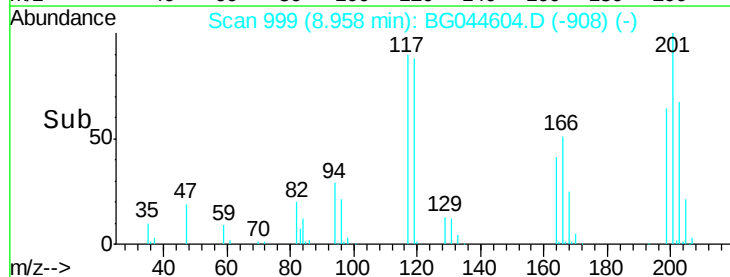
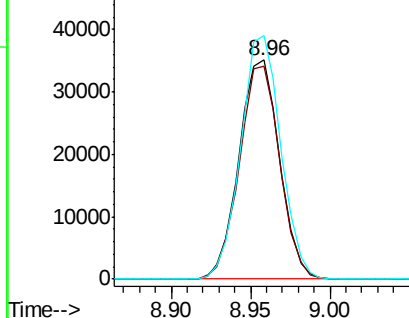


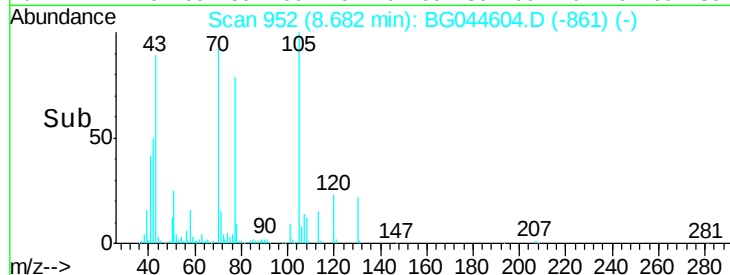
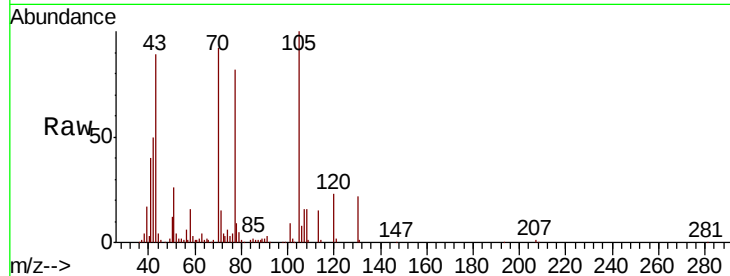
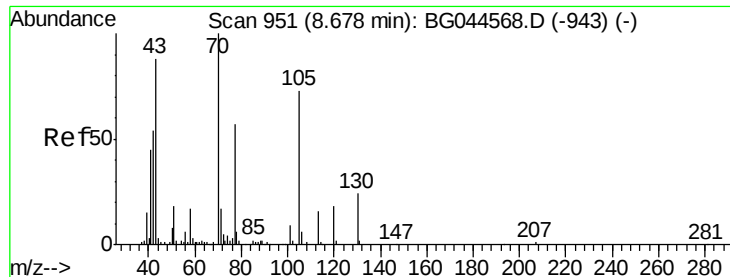
Abundance

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





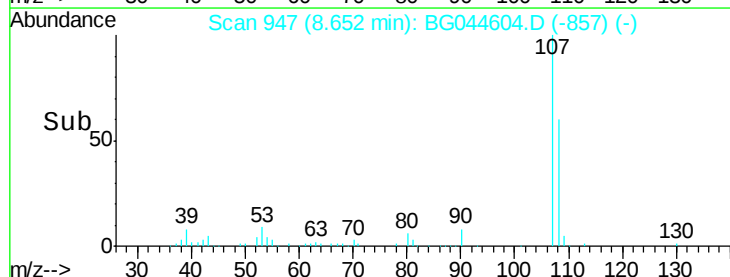
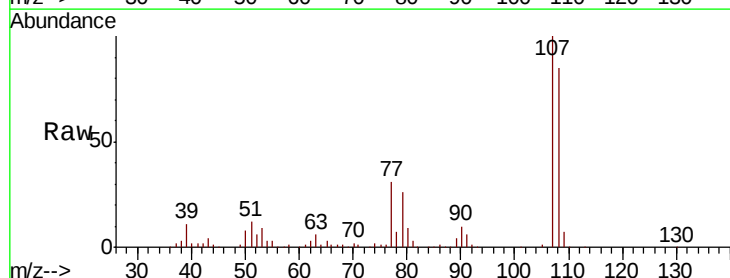
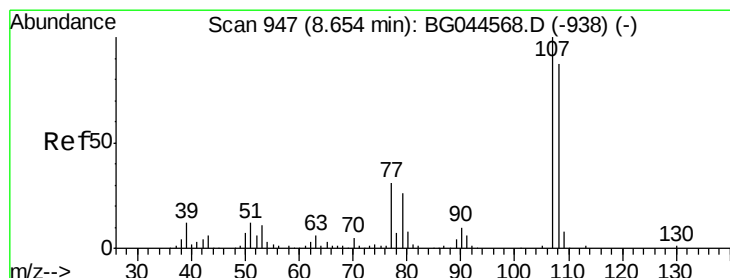
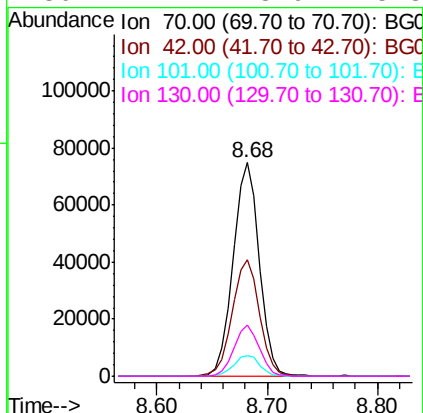
#19
n-Nitroso-di-n-propylamine
Concen: 37.247 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	43.4	65.0	
101	9.9	7.5	11.3	
130	24.1	18.9	28.3	

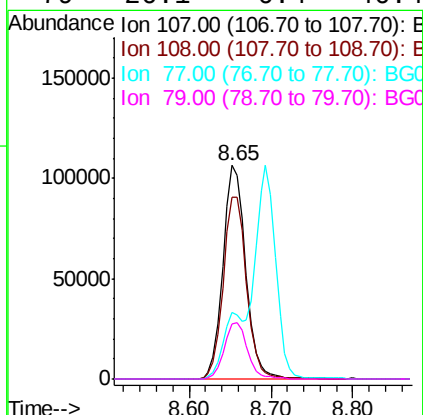
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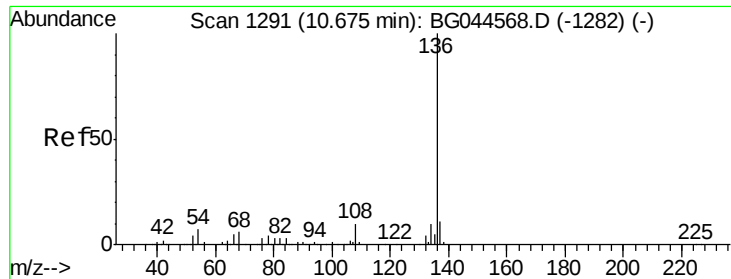
mohammad
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#20
3+4-Methylphenols
Concen: 41.961 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	67.5	107.5	
77	31.0	11.3	51.3	
79	26.1	6.4	46.4	





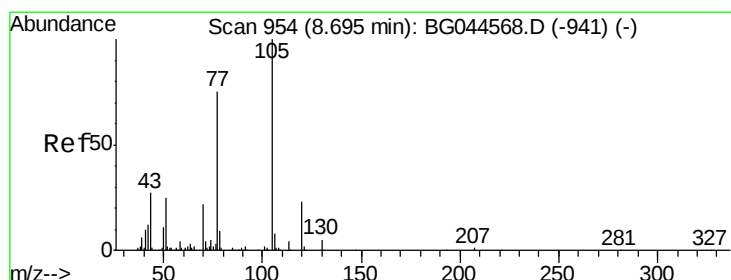
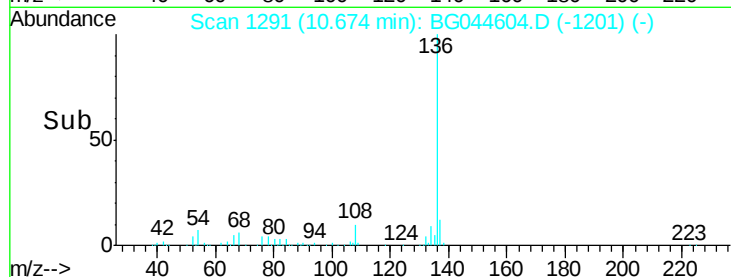
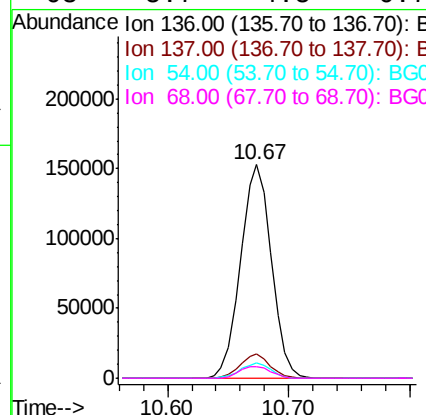
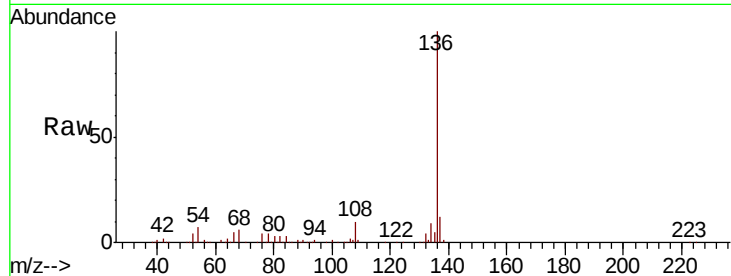
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	271129		
137	11.5	8.8	13.2	
54	7.0	5.7	8.5	
68	5.7	4.5	6.7	

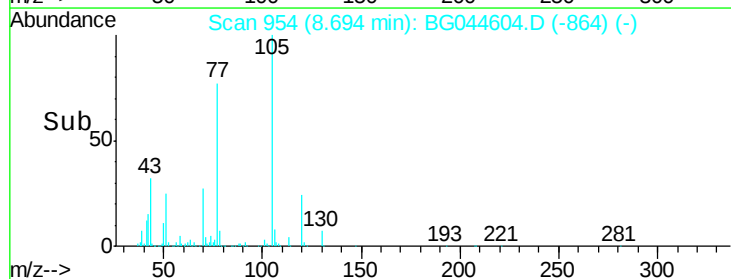
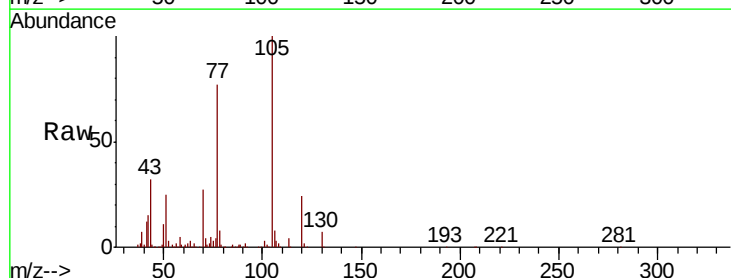
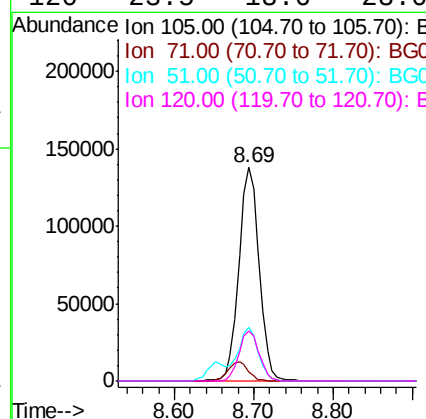
Manual Integrations
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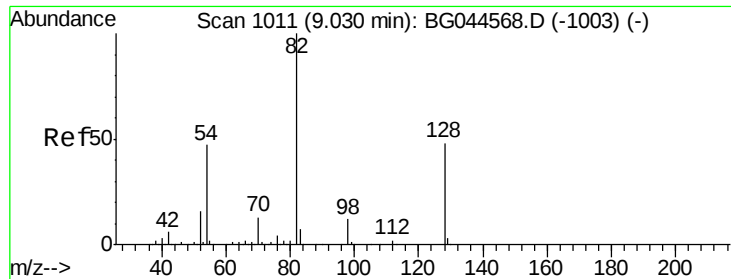
mohammad
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#22
Acetophenone
Concen: 36.003 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245078		
71	4.4	2.8	4.2#	
51	25.3	19.9	29.9	
120	23.5	18.6	28.0	





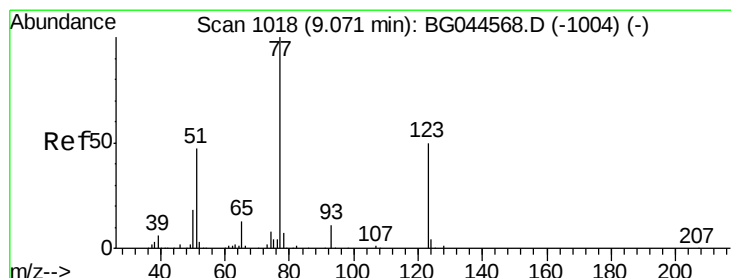
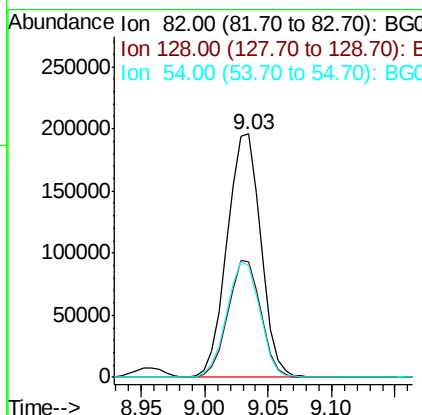
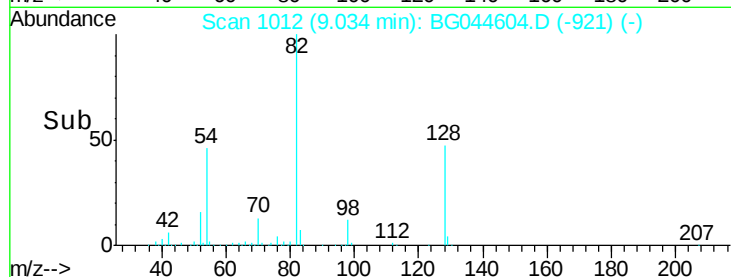
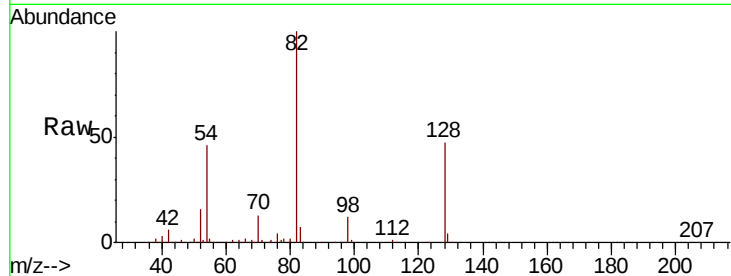
#23
 Nitrobenzene-d5
 Concen: 68.367 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	359799		
128	47.4		38.1	57.1
54	46.0		37.5	56.3

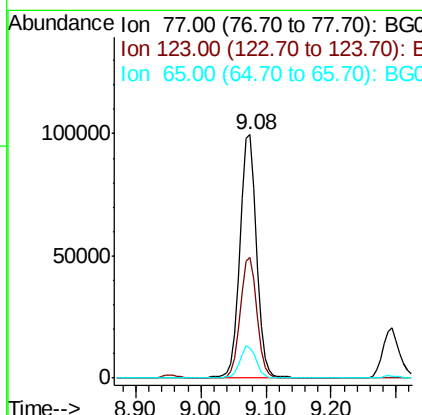
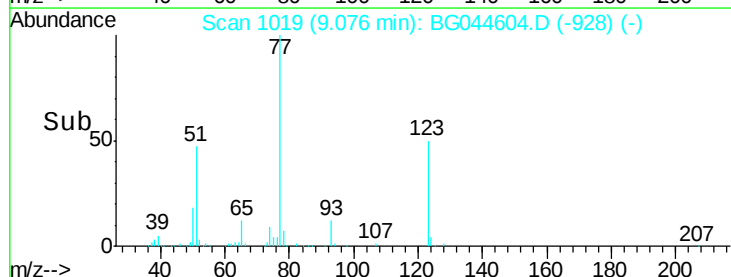
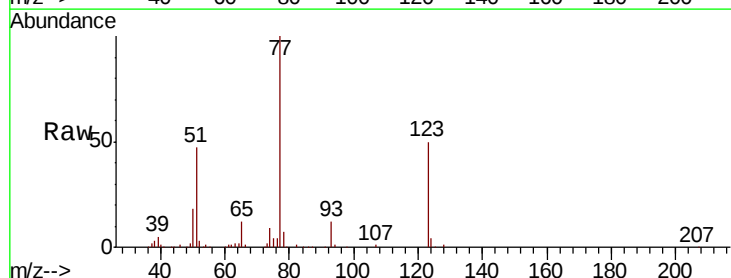
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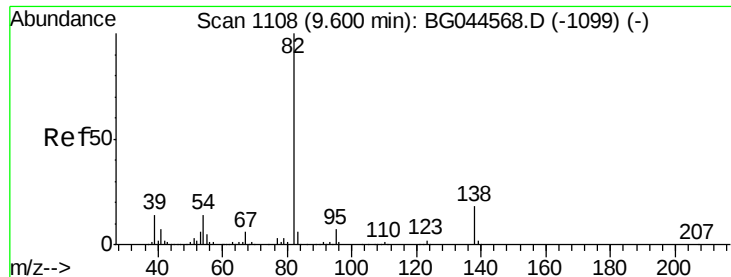
mohammad
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#24
 Nitrobenzene
 Concen: 34.749 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	177175		
123	49.7		40.1	60.1
65	12.1		10.4	15.6





#25

Isophorone

Concen: 35.274 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

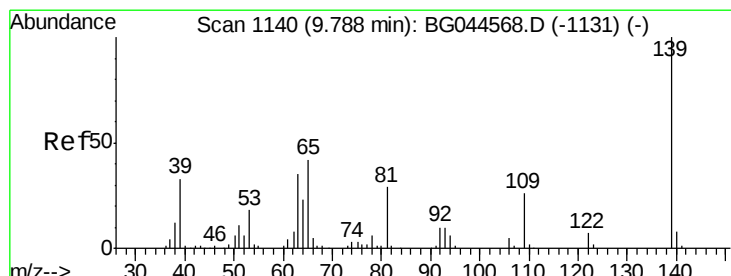
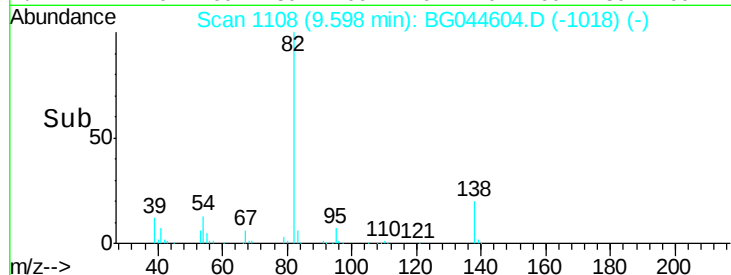
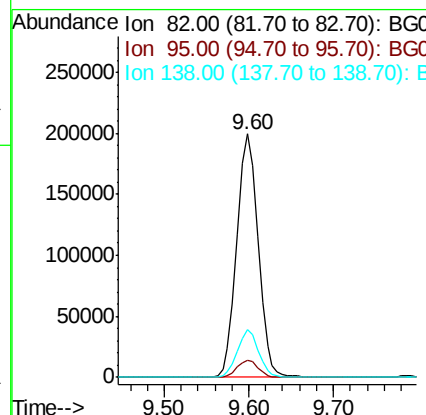
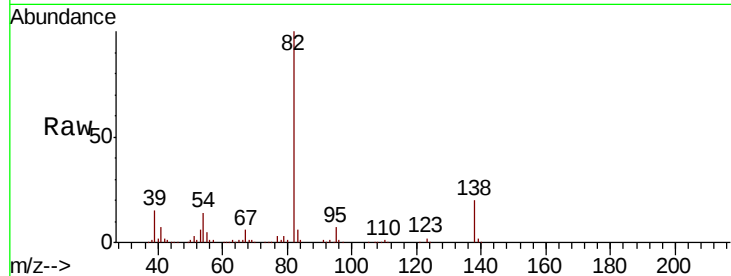
ClientSampleId :

PB127106BS

Tot Ion:	82	Resp:	347283
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	19.7	14.7	22.1

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#26

2-Nitrophenol

Concen: 36.492 ng

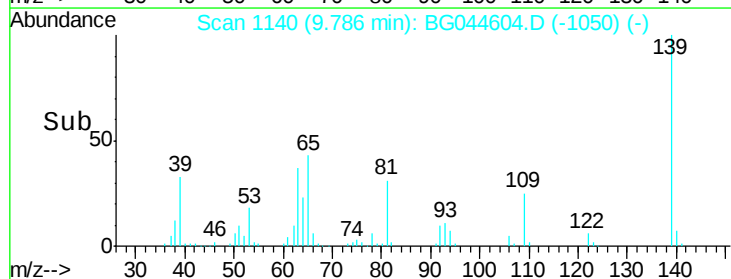
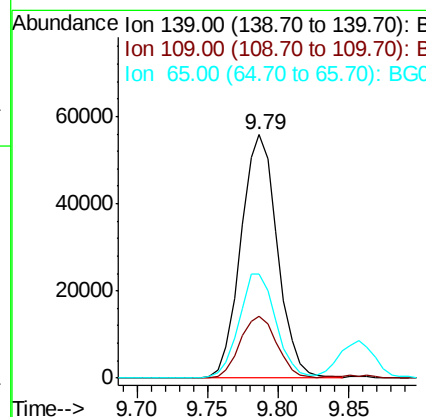
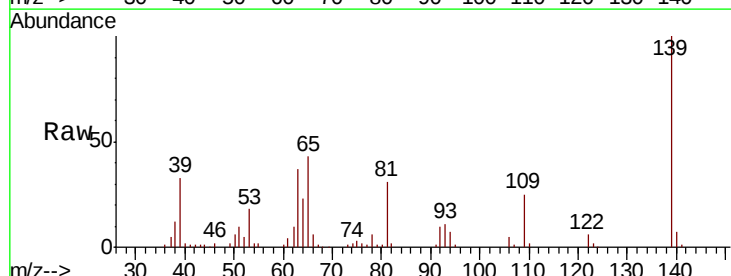
RT: 9.79 min Scan# 1140

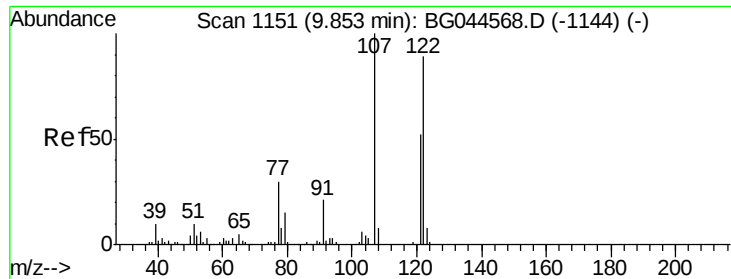
Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	139	Resp:	100905
Ion Ratio	Lower	Upper	
139	100		
109	25.2	20.6	31.0
65	43.0	33.3	49.9





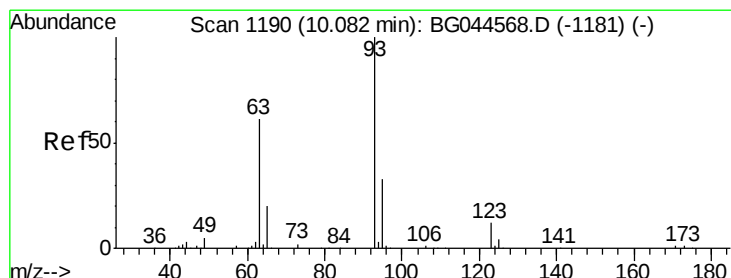
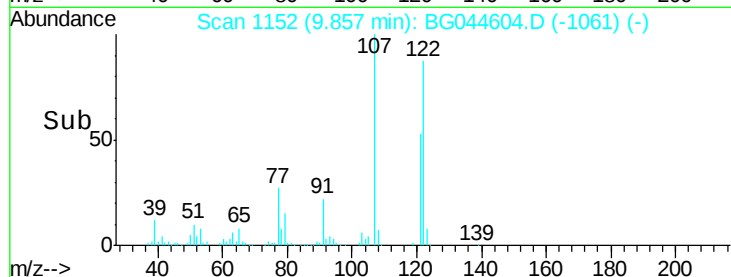
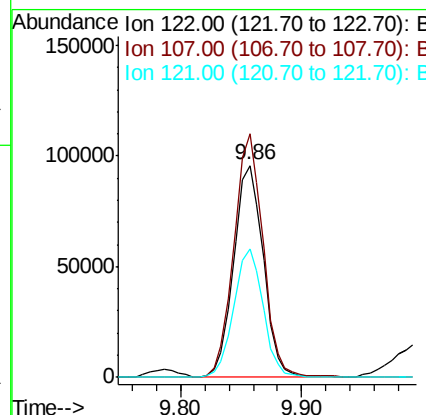
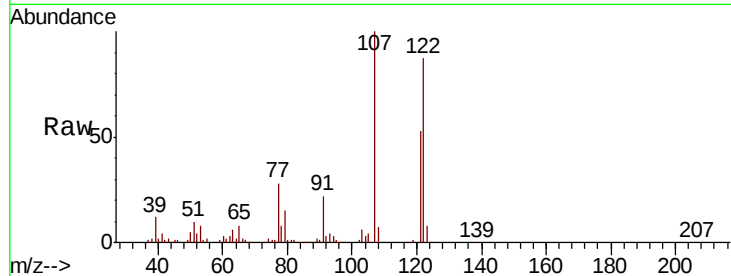
#27
 2,4-Dimethylphenol
 Concen: 42.025 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	163161		
107	114.8	89.4	134.0	
121	60.4	46.5	69.7	

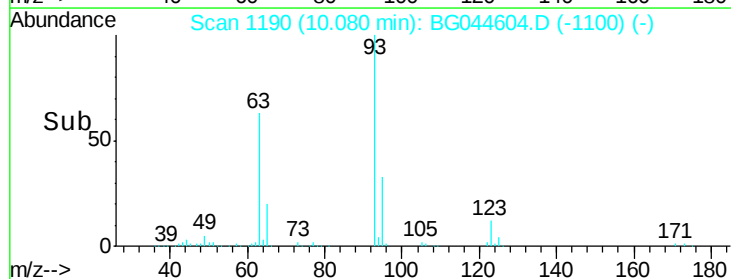
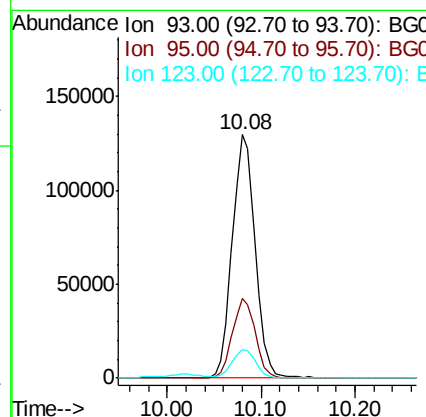
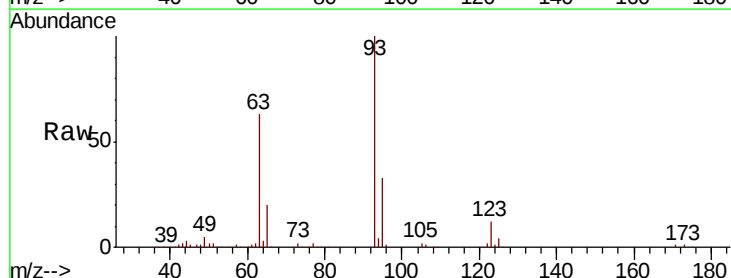
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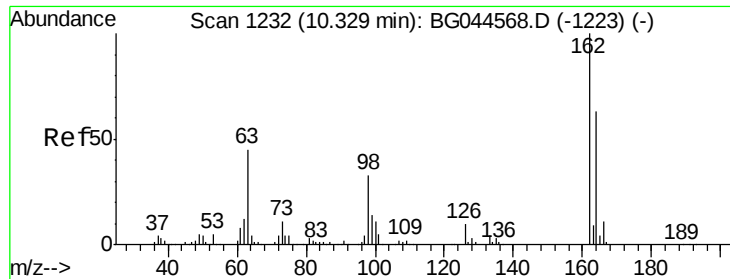
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.676 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	219254		
95	32.8	26.5	39.7	
123	12.0	9.7	14.5	





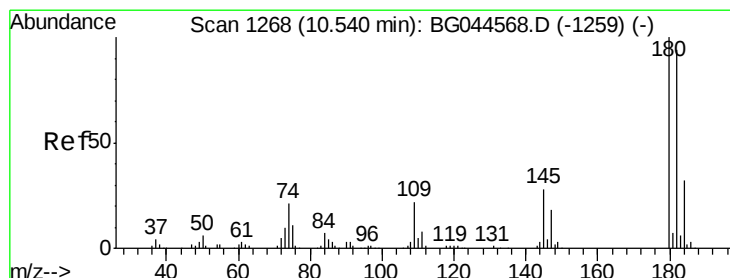
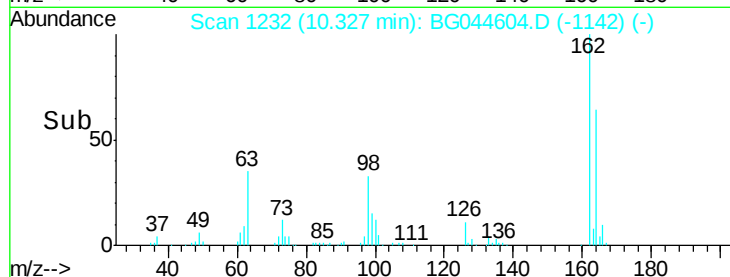
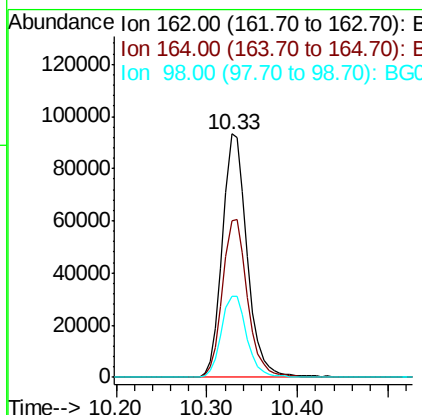
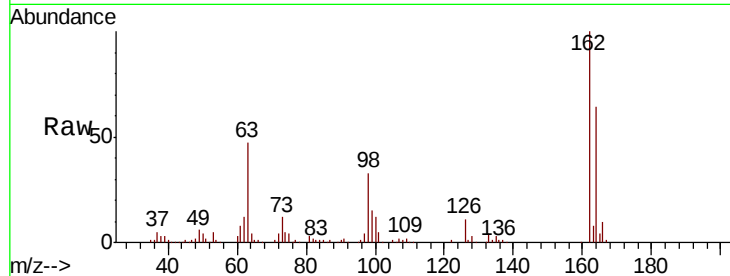
#29
 2,4-Dichlorophenol
 Concen: 38.180 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion:	162	Resp:	177220
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.2	83.2
98	33.4	13.2	53.2

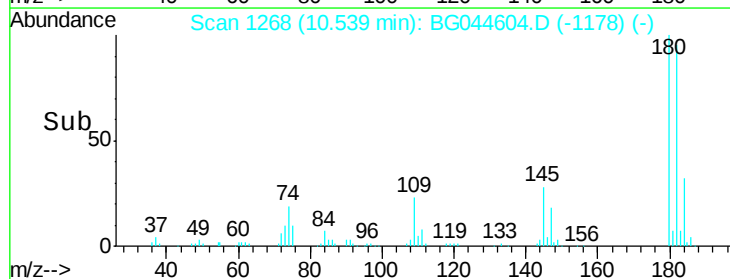
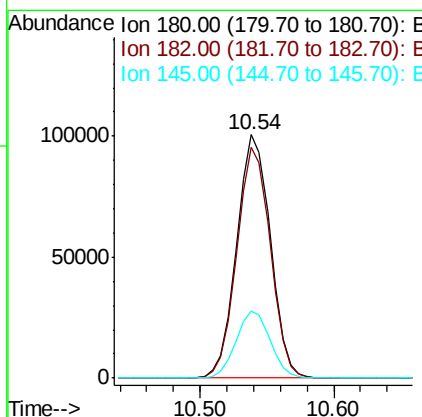
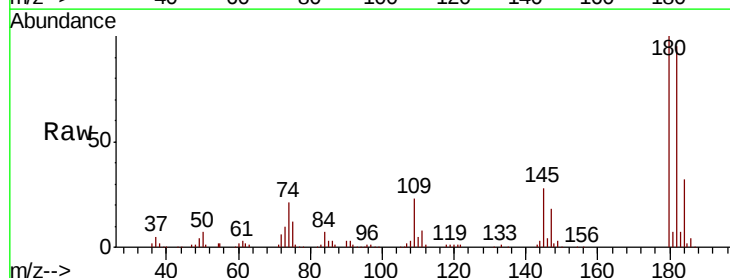
Manual Integrations
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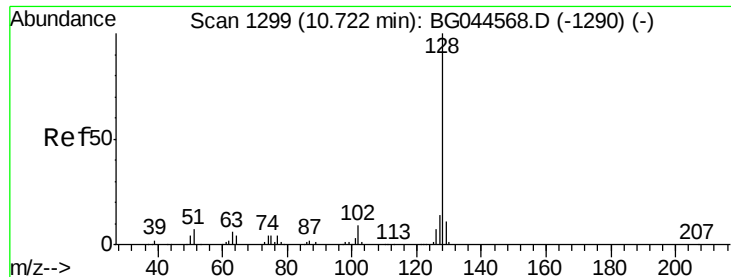
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.714 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion:	180	Resp:	175615
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.6	113.4
145	27.5	22.2	33.2





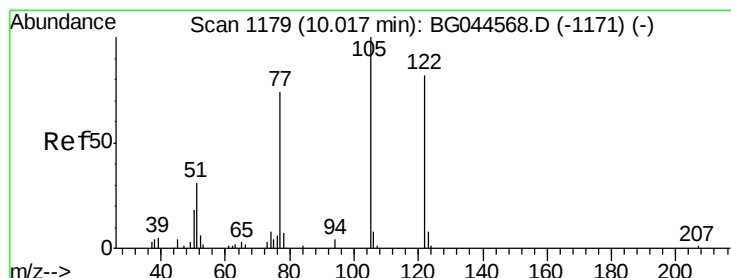
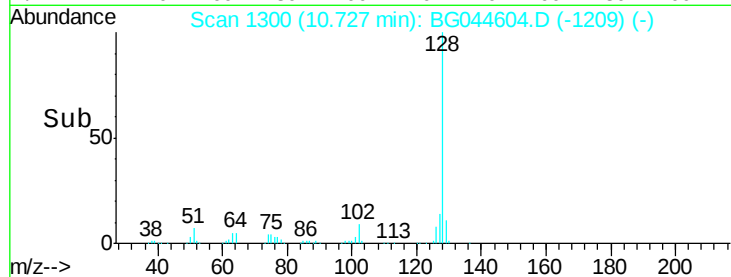
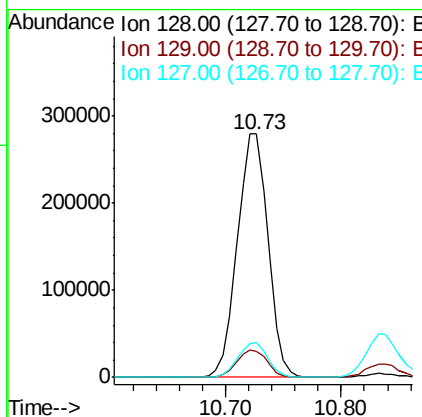
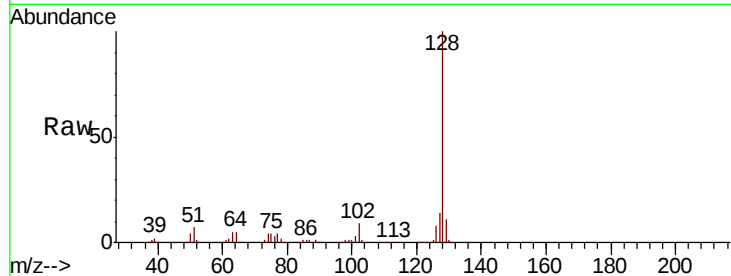
#31
Naphthalene
Concen: 34.885 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	14.2	11.0	16.4

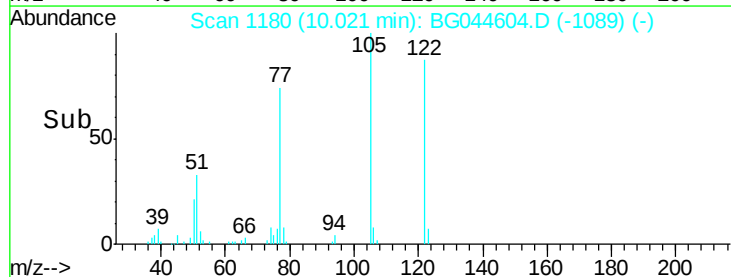
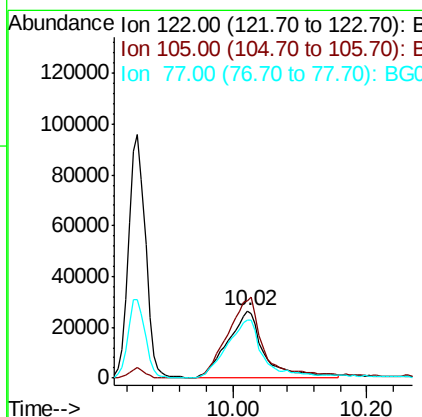
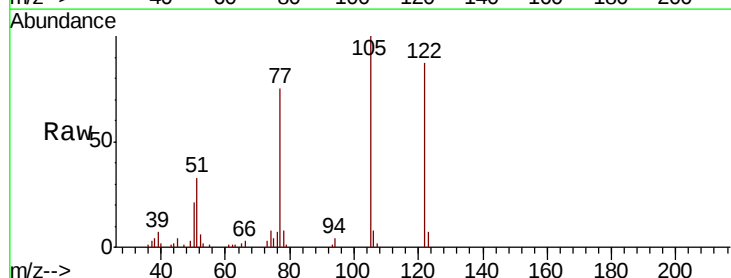
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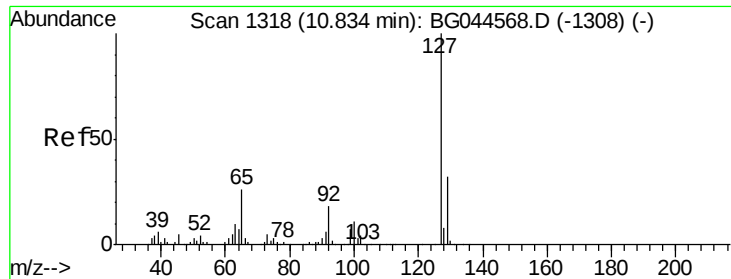
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#32
Benzoic acid
Concen: 57.527 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	101.4	141.4
77	86.2	69.8	109.8





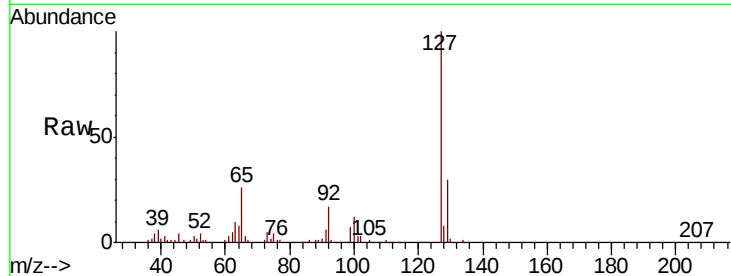
#33
4-Chloroaniline
Concen: 15.800 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.4	25.9	38.9	
65	25.9	20.7	31.1	
92	16.7	14.2	21.2	

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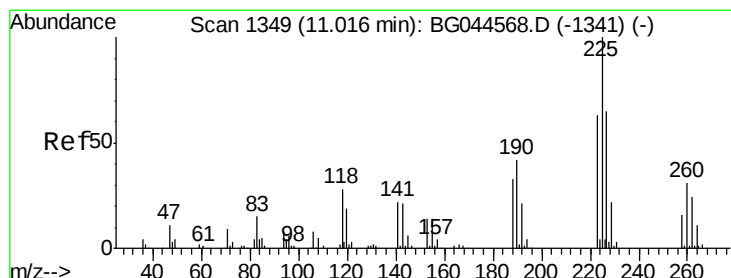
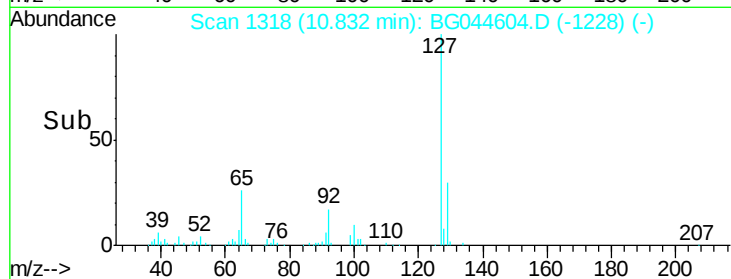
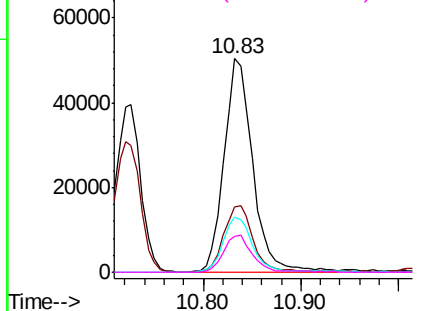
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

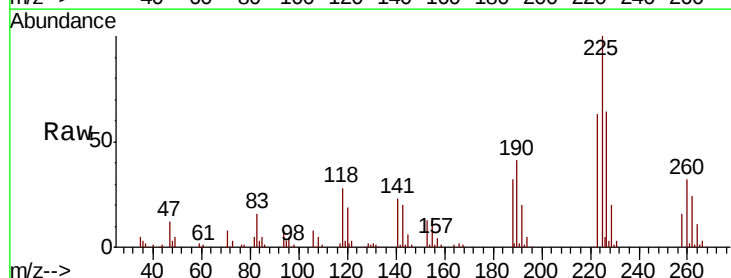
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 30.739 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	63.6	52.1	78.1	

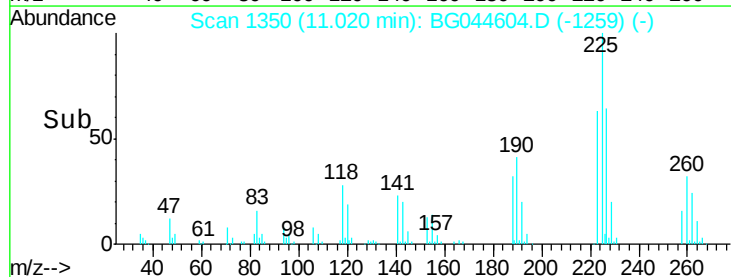
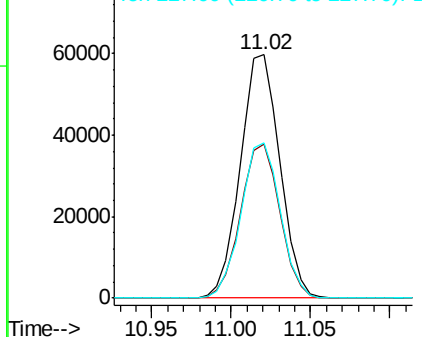


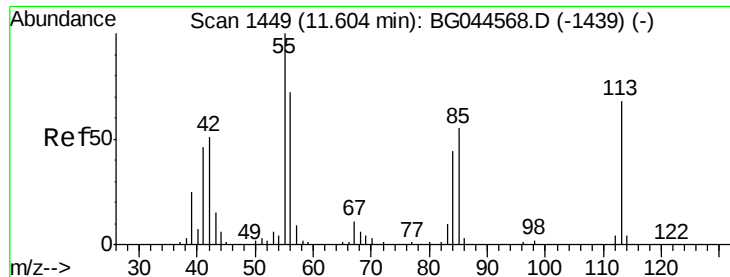
Abundance

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





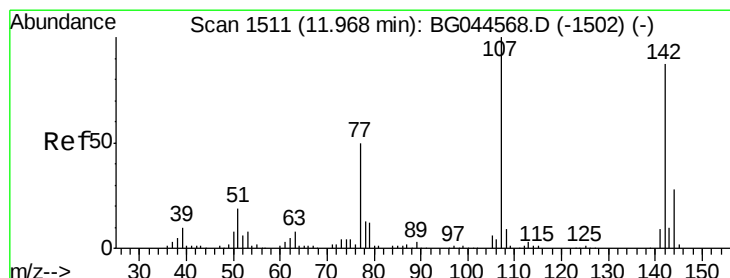
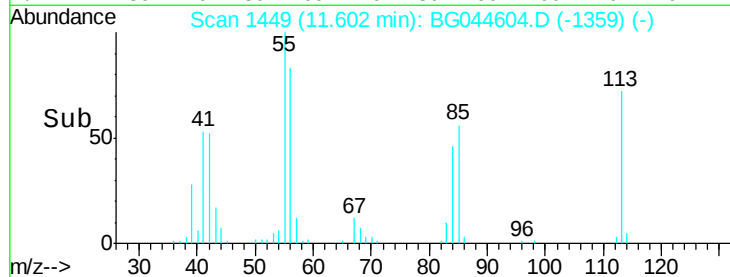
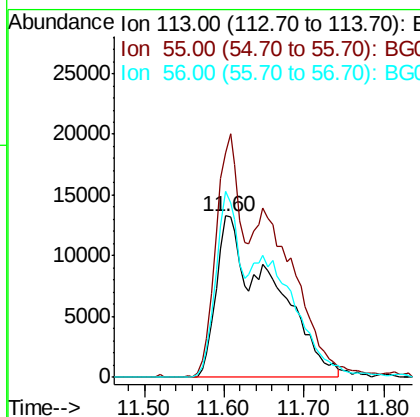
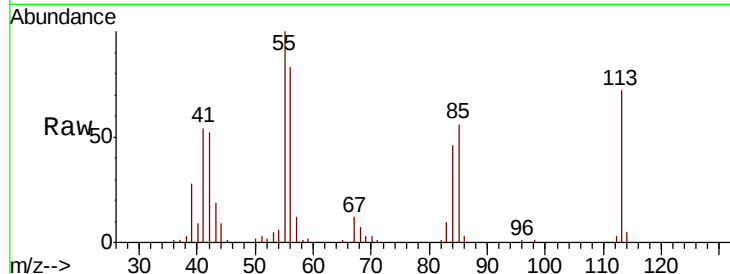
#35
Caprolactam
Concen: 38.712 ng/ml
RT: 11.60 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleID :
PB127106BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	139.5	127.8	167.8	
56	115.2	86.9	126.9	

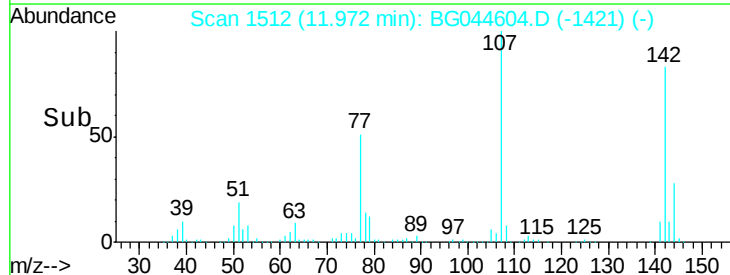
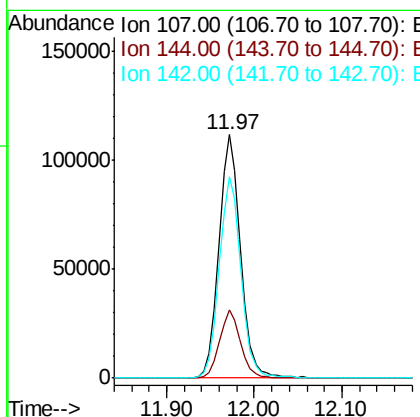
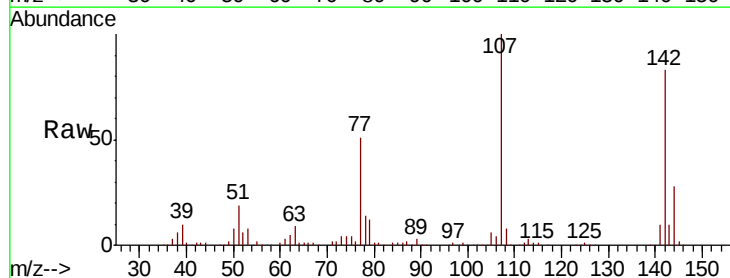
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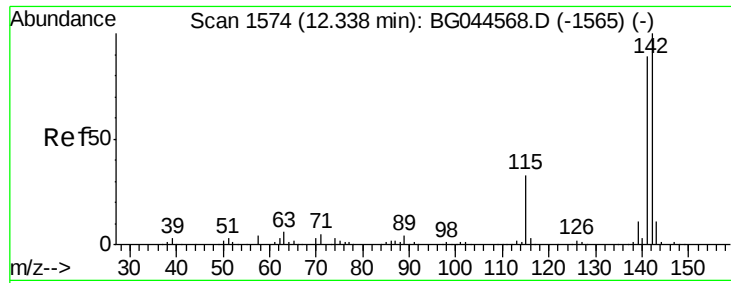
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#36
4-Chloro-3-methylphenol
Concen: 40.212 ng/ml
RT: 11.97 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.8	22.3	33.5	
142	82.8	69.3	103.9	





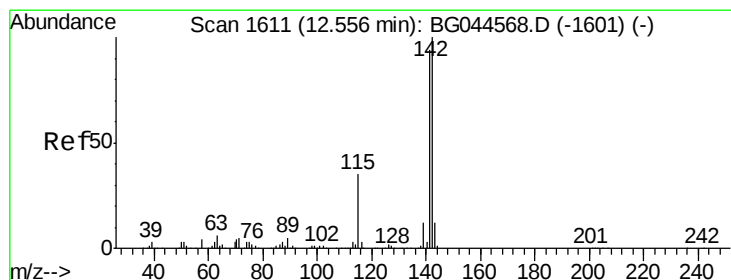
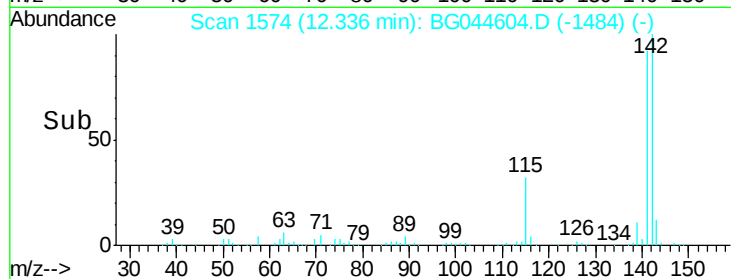
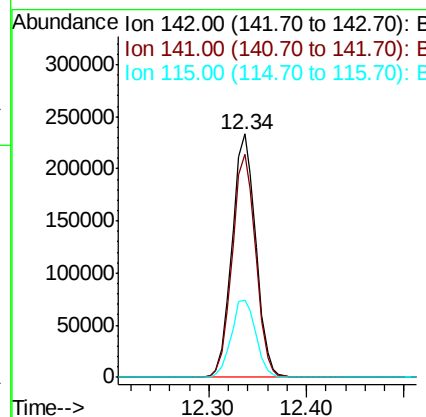
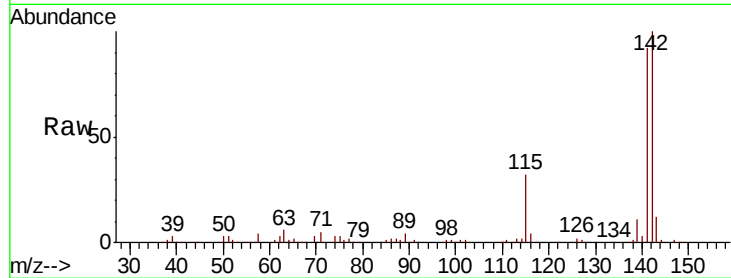
#37
 2-Methylnaphthalene
 Concen: 35.891 ng
 RT: 12.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.3	106.9
115	31.9	26.2	39.2

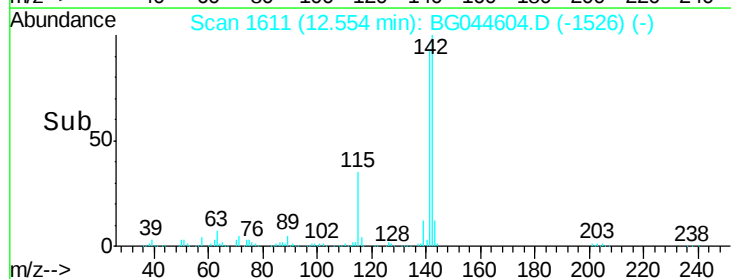
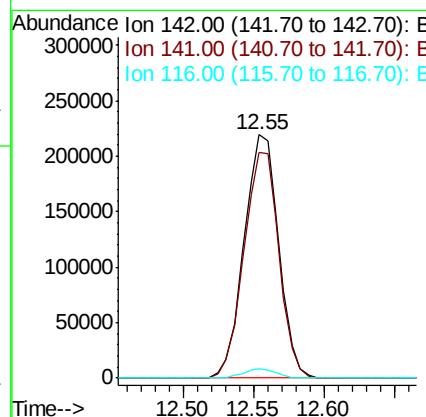
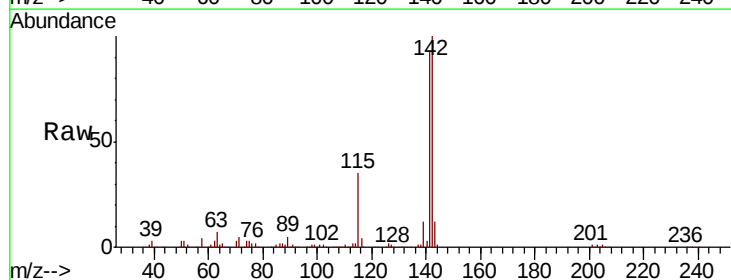
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#38
 1-Methylnaphthalene
 Concen: 36.177 ng
 RT: 12.55 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.1	112.7
116	3.6	2.6	4.0





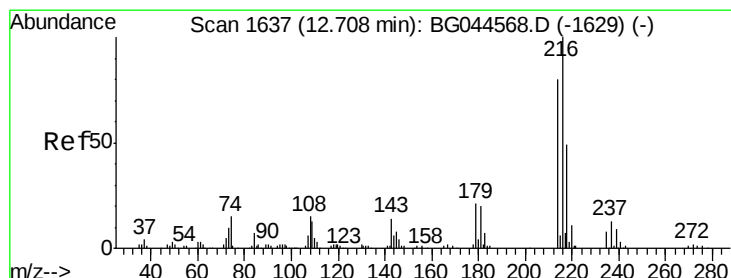
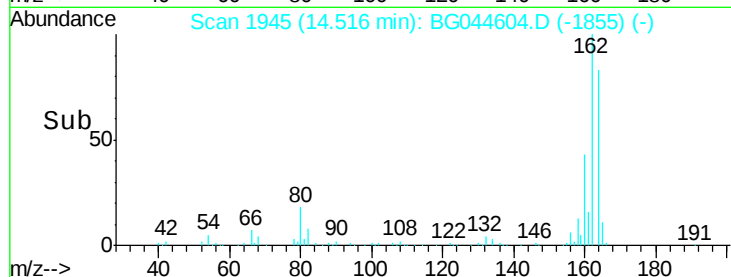
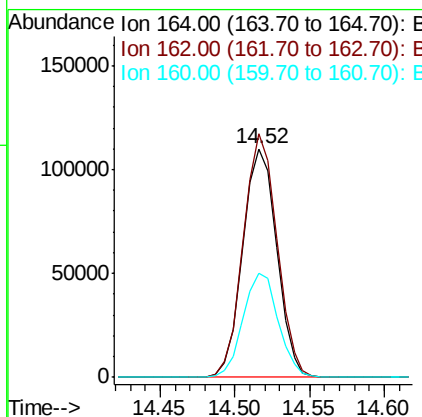
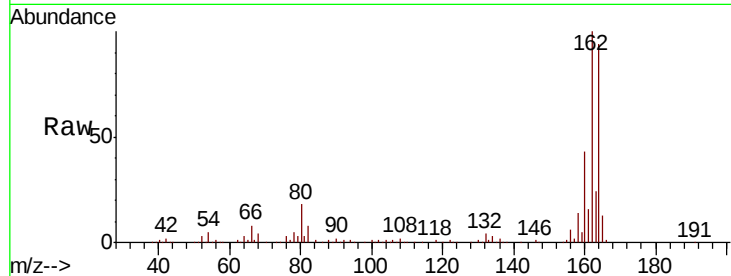
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.6	125.4
160	45.6	36.2	54.4

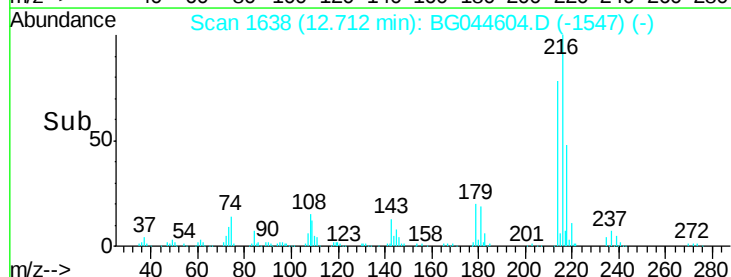
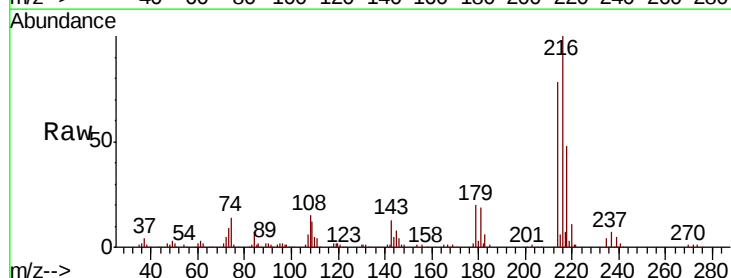
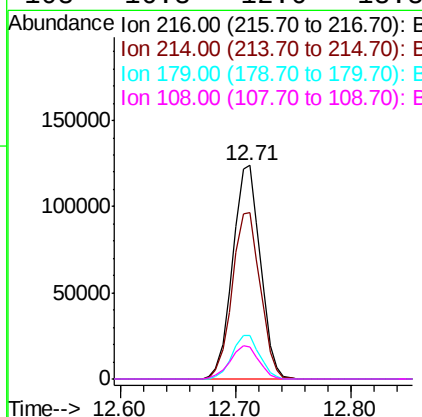
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.210 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.3	94.9
179	20.3	16.2	24.2
108	16.3	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 38.991 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

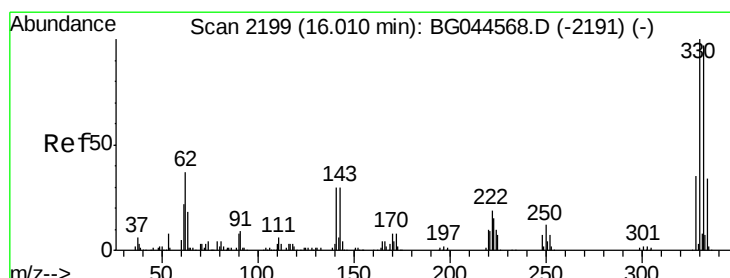
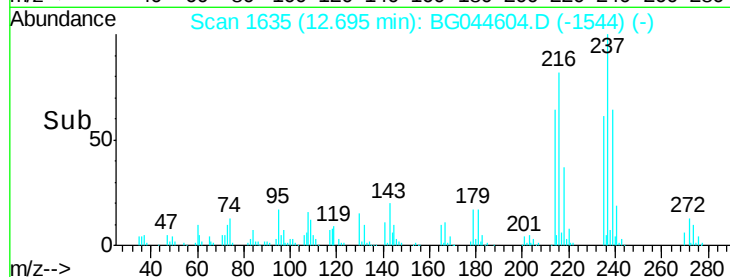
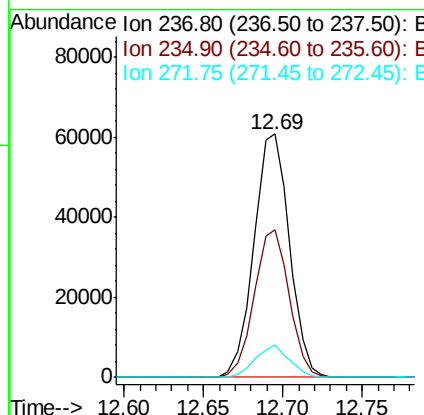
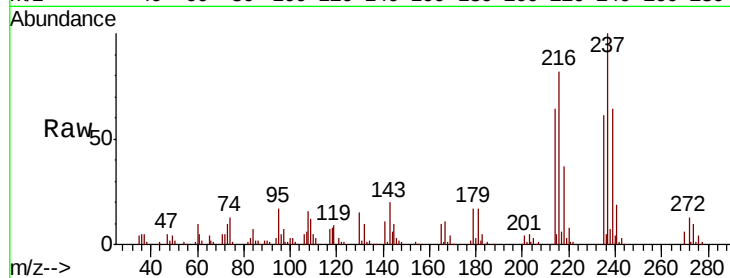
ClientSampleId :

PB127106BS

Tot Ion:	237	Resp:	94764
Ion Ratio	Lower	Upper	
237	100		
235	60.6	40.7	80.7
272	13.4	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 116.067 ng

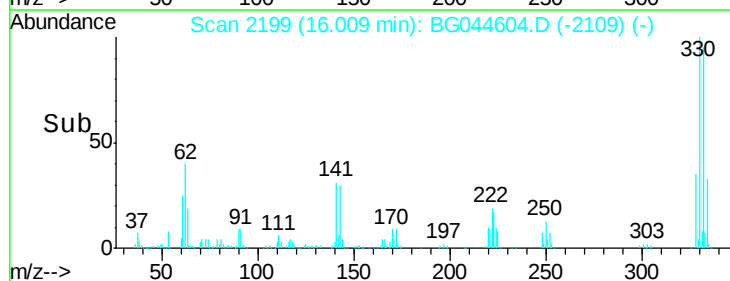
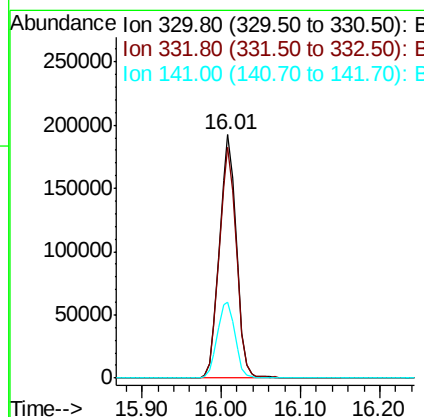
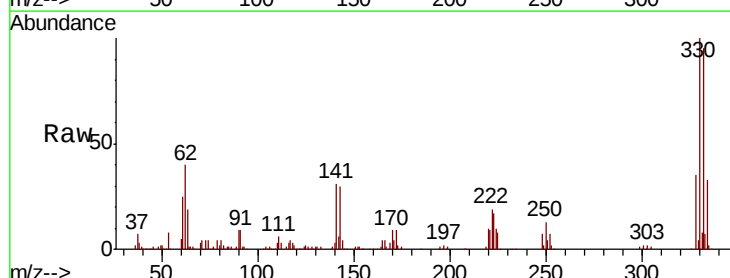
RT: 16.01 min Scan# 2199

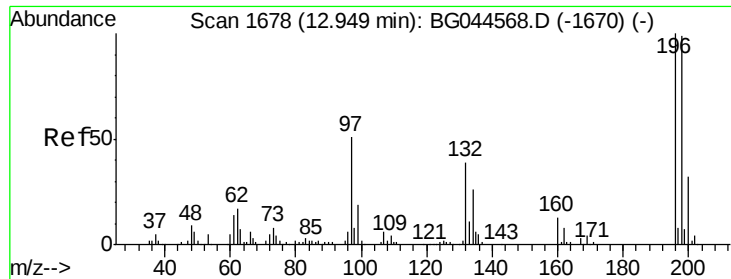
Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	330	Resp:	285407
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.4	116.0
141	32.9	26.1	39.1





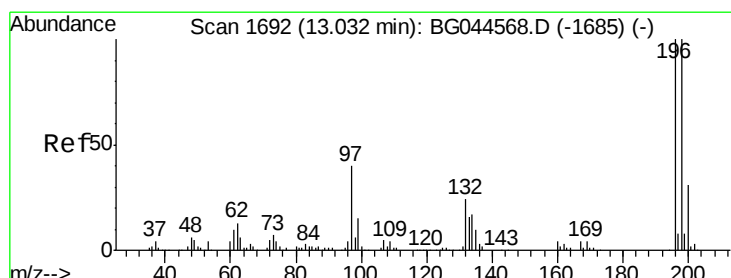
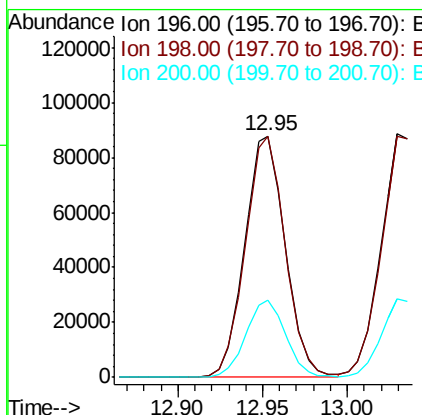
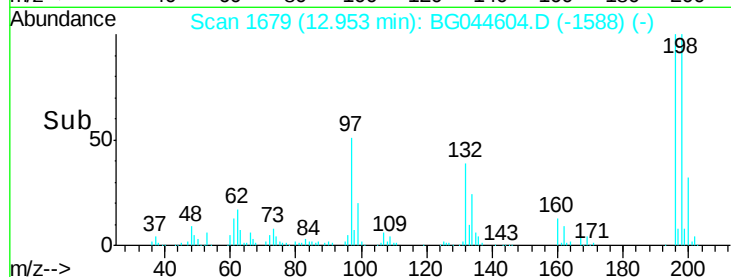
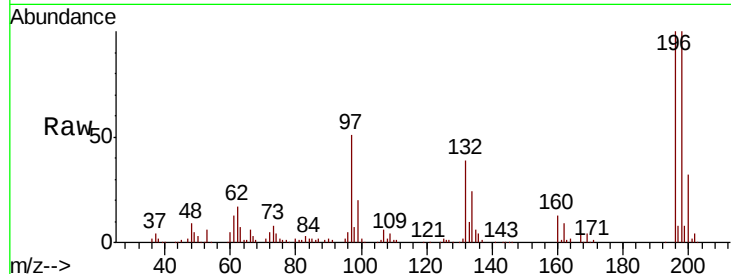
#43
 2,4,6-Trichlorophenol
 Concen: 38.499 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145942		
198	99.9	79.2	118.8	
200	31.9	25.7	38.5	

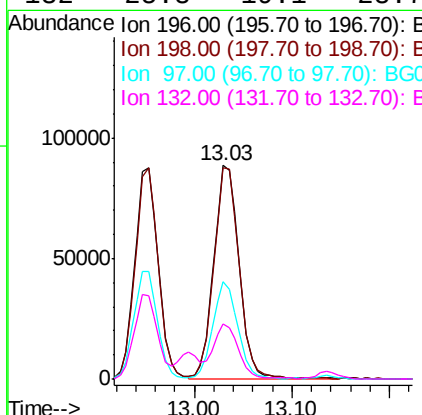
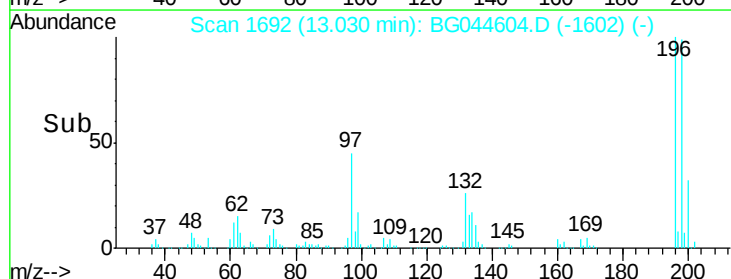
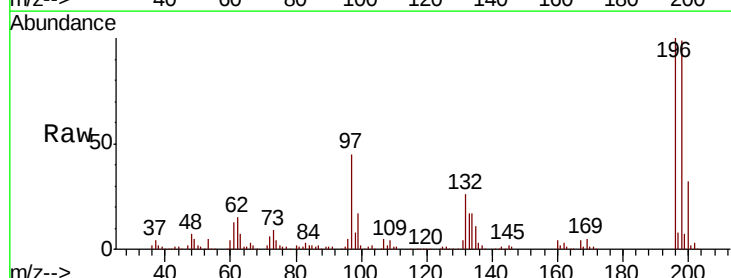
Manual Integrations
 APPROVED

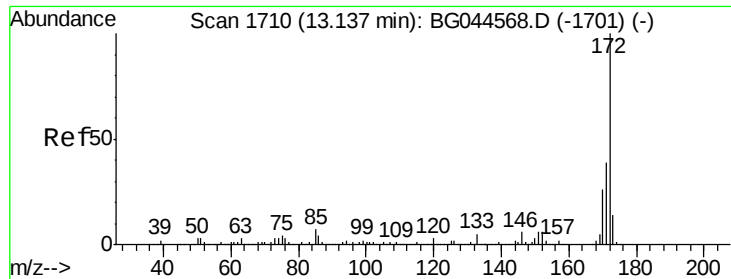
mohammad
 2/27/2020 4:58:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.711 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158535		
198	98.9	79.3	118.9	
97	45.4	32.3	48.5	
132	25.8	19.1	28.7	





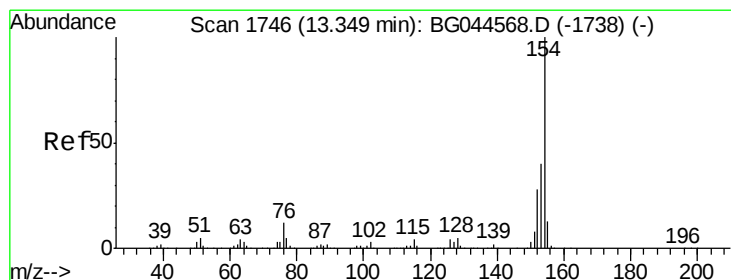
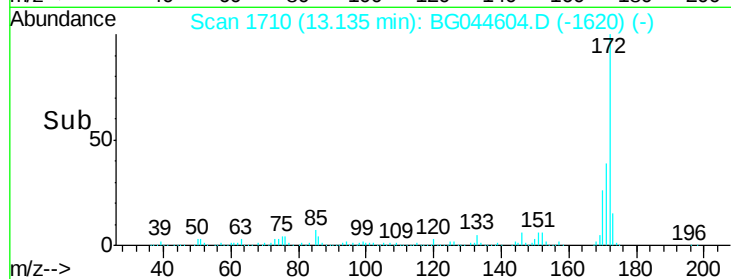
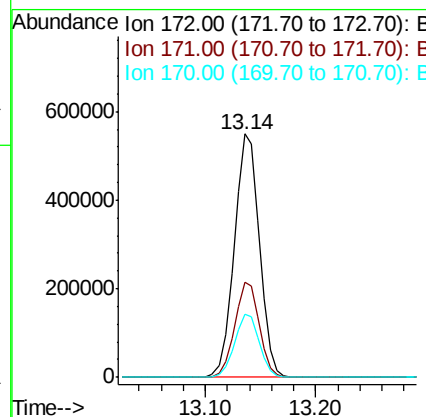
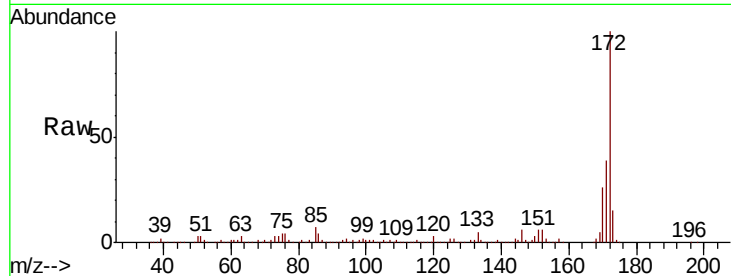
#45
 2-Fluorobiphenyl
 Concen: 71.999 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	25.9	21.0	31.4

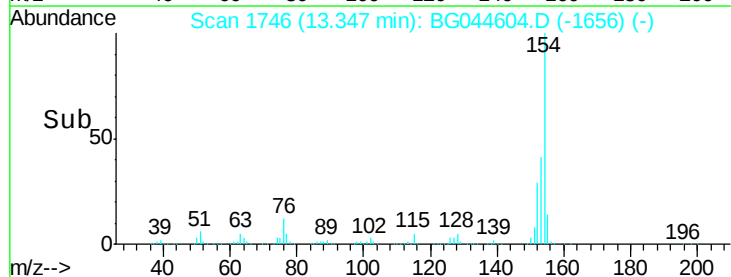
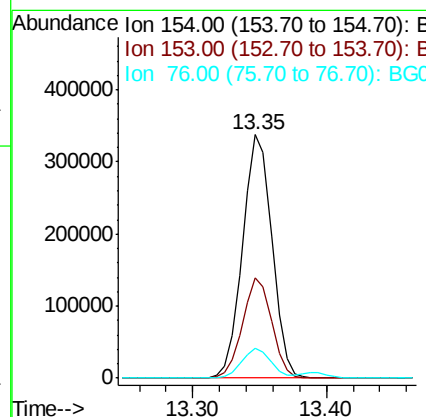
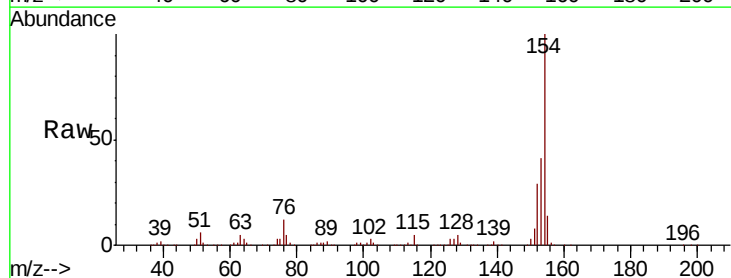
Manual Integrations
 APPROVED

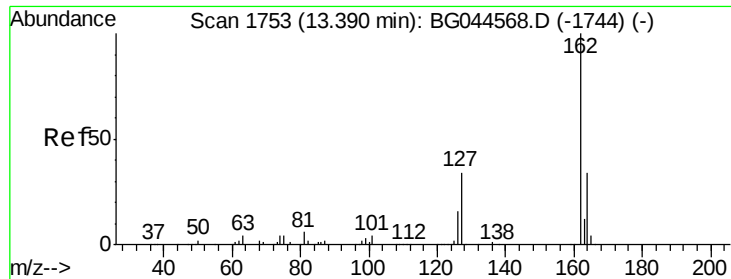
mohammad
 2/27/2020 4:58:57 PM



#46
 1,1'-Biphenyl
 Concen: 35.714 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.2	60.2
76	12.4	0.0	31.8





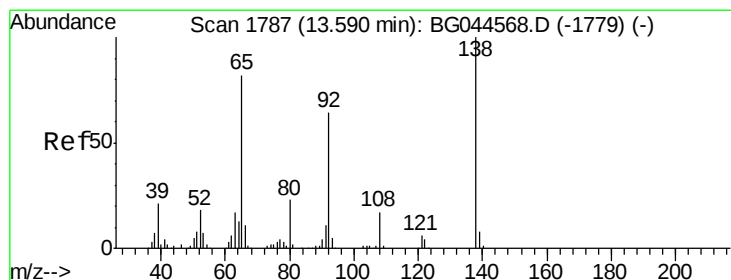
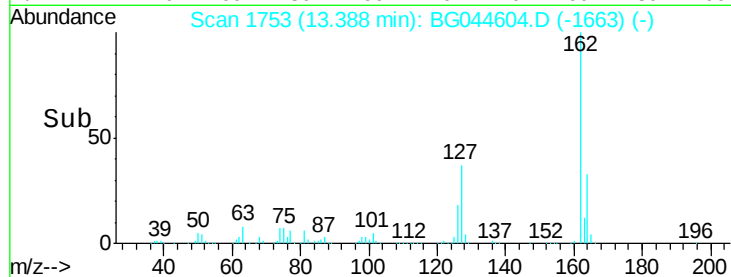
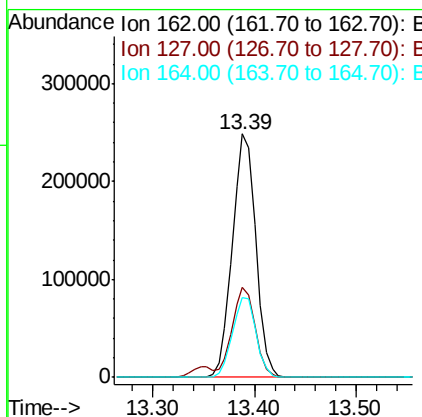
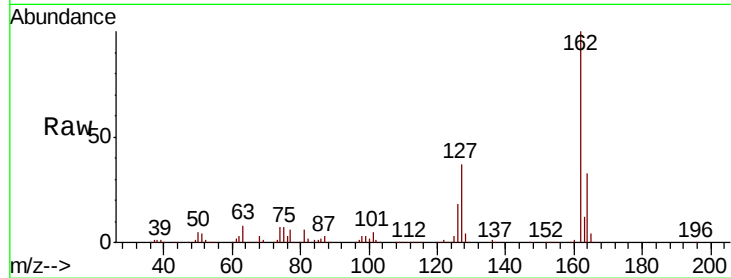
#47
2-Chloronaphthalene
Concen: 35.502 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	28.7	43.1
164	33.0	27.3	40.9

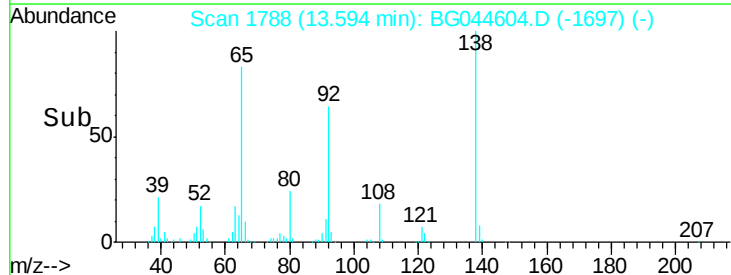
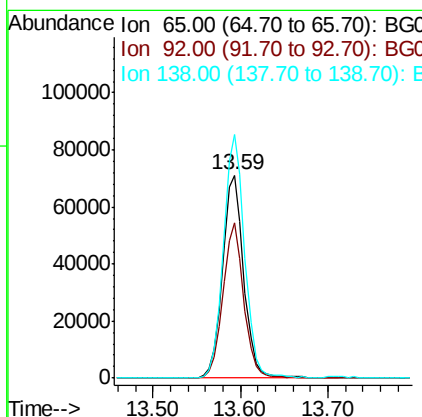
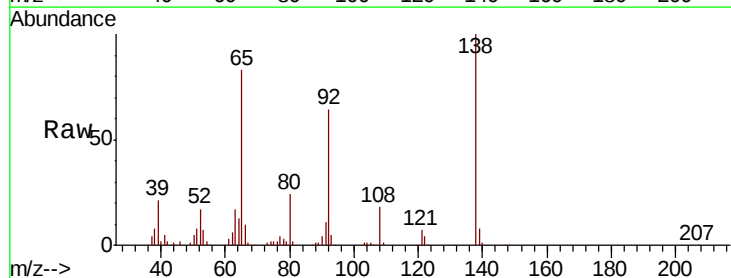
Manual Integrations
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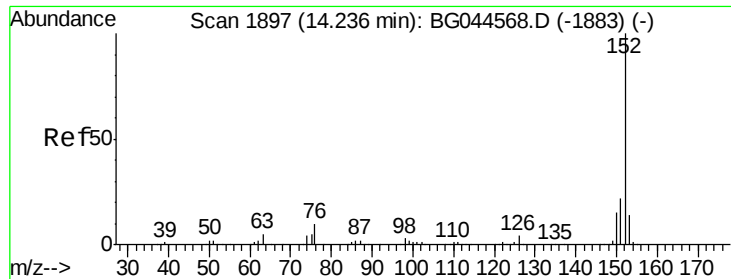
mohammad
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#48
2-Nitroaniline
Concen: 37.941 ng
RT: 13.59 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	62.2	93.2
138	120.0	97.6	146.4





#49

Acenaphthylene

Concen: 37.735 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

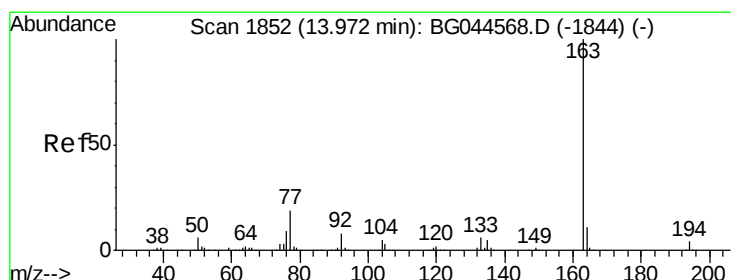
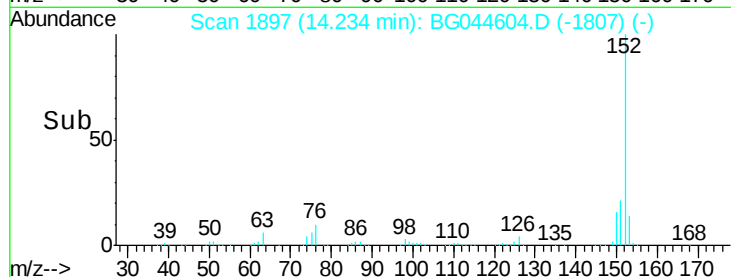
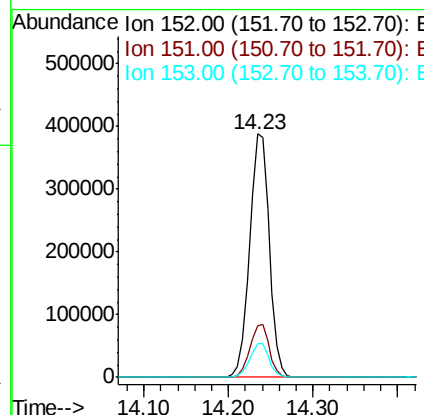
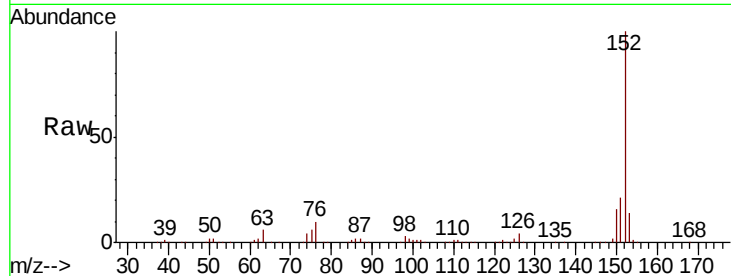
ClientSampleId :

PB127106BS

Tot Ion:	152	Resp:	626853
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.7	26.5
153	13.8	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.540 ng

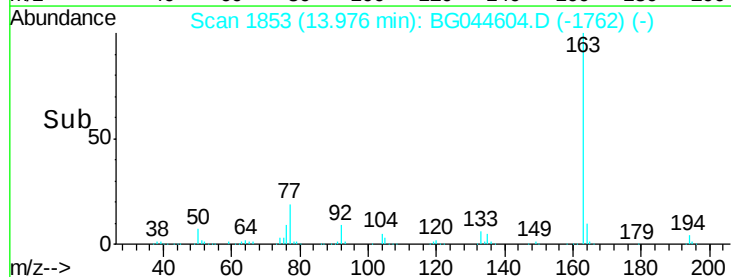
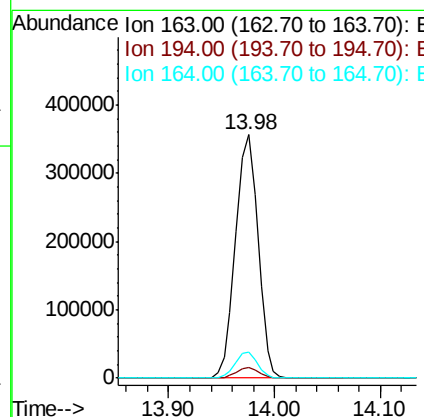
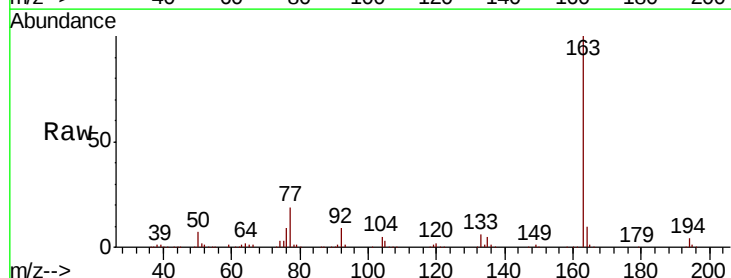
RT: 13.98 min Scan# 1853

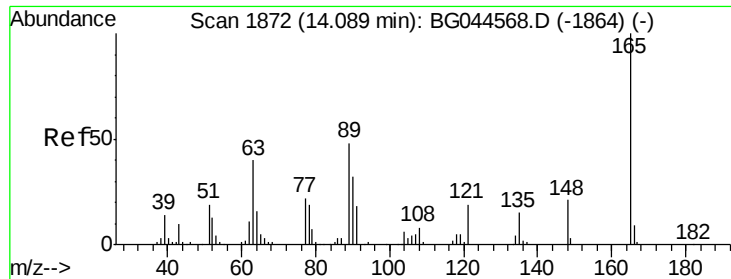
Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Tgt Ion:	163	Resp:	525469
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.5	8.7	13.1





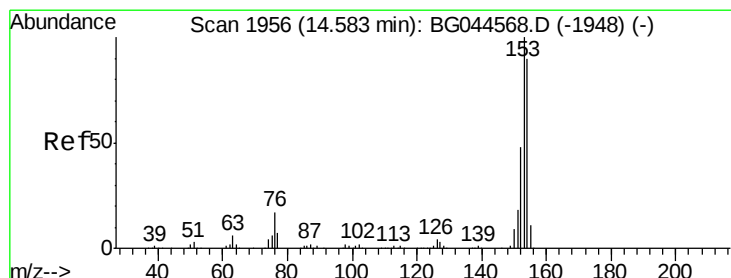
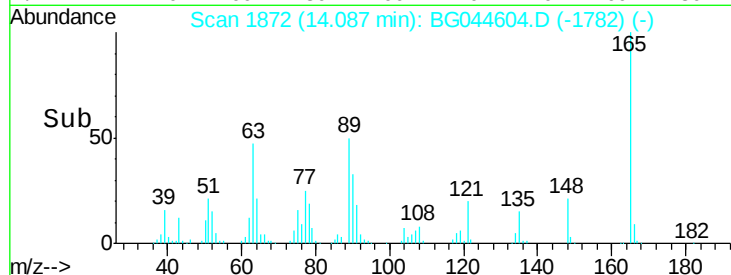
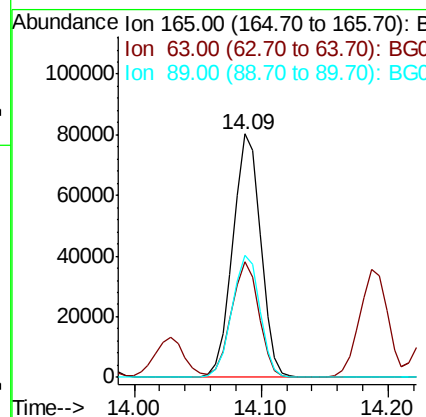
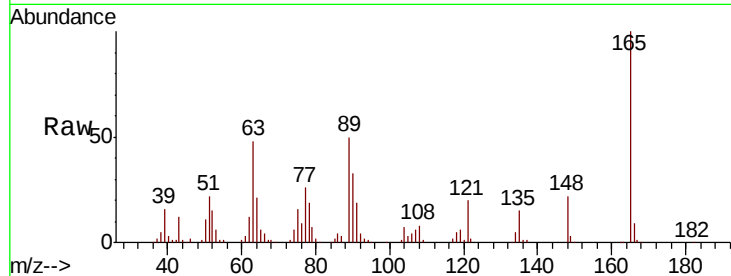
#51
 2,6-Dinitrotoluene
 Concen: 39.408 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	35.8	53.6
89	49.9	38.7	58.1

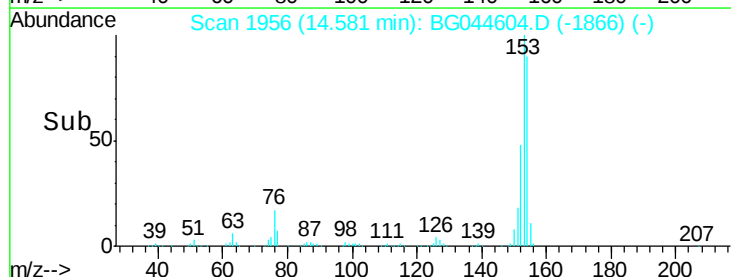
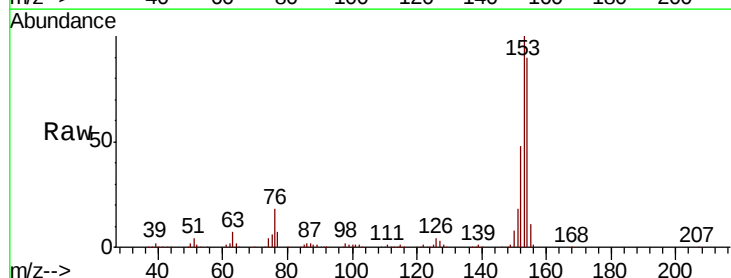
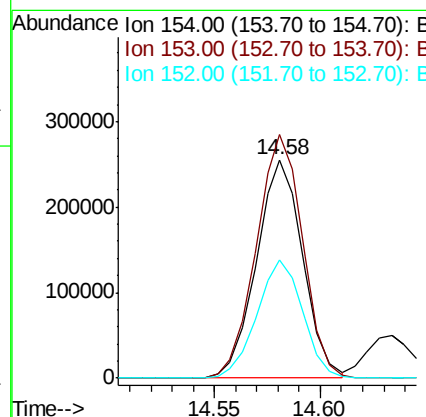
Manual Integrations
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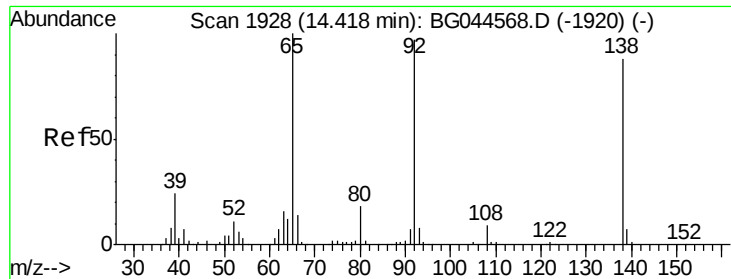
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#52
 Acenaphthene
 Concen: 36.518 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.4	134.0
152	54.0	43.0	64.4





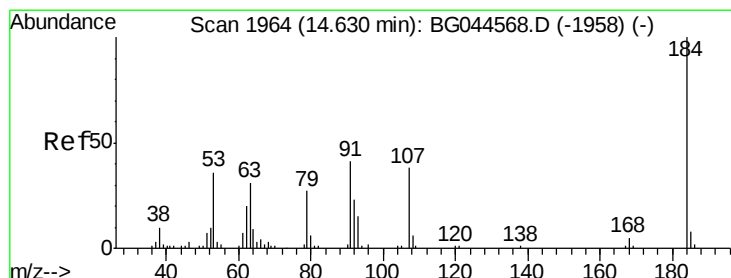
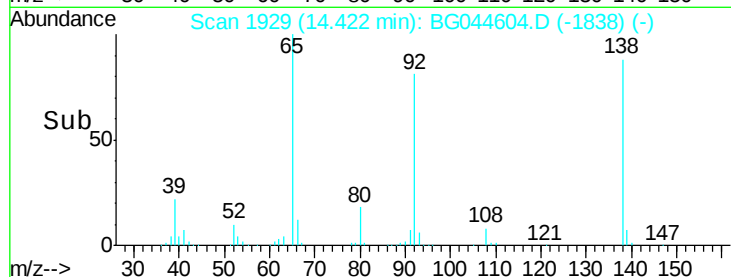
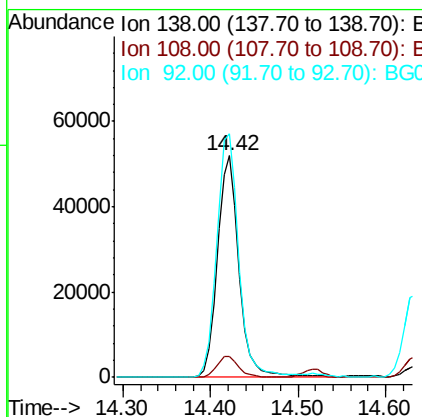
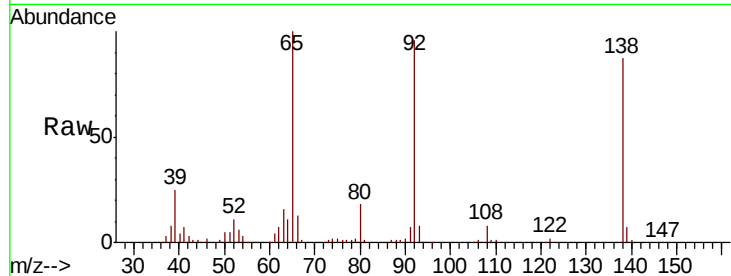
#53
3-Nitroaniline
Concen: 26.764 ng
RT: 14.42 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	109.9	87.4	131.2

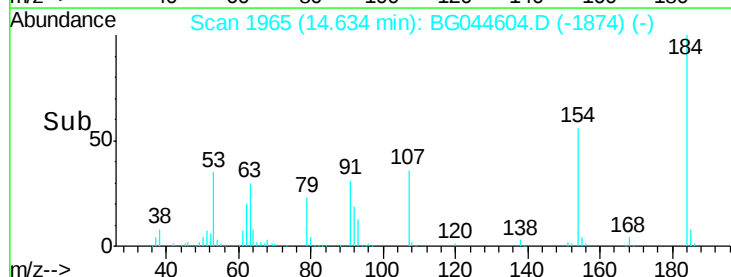
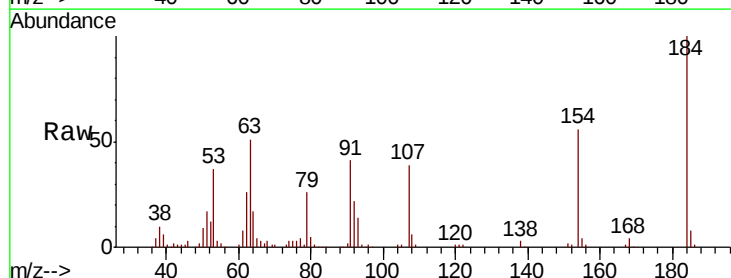
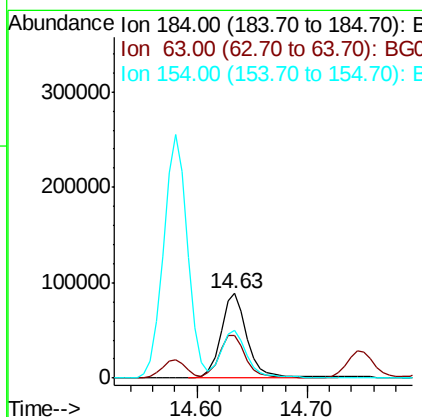
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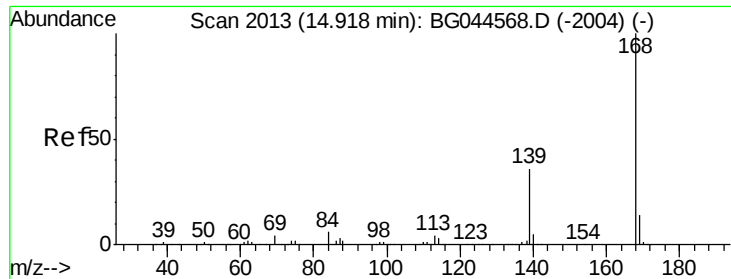
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.357 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.7	42.1	63.1
154	56.4	43.4	65.2





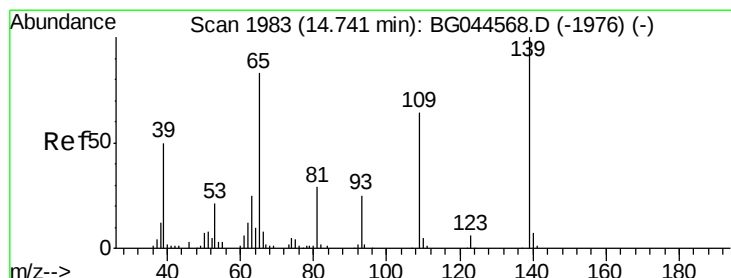
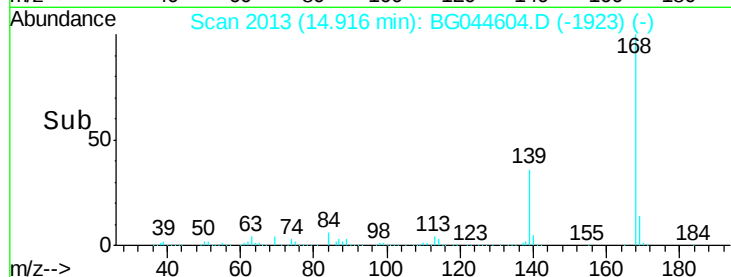
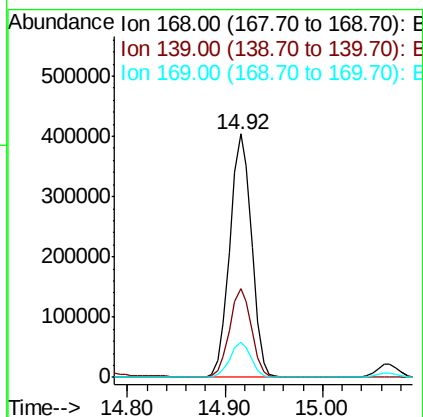
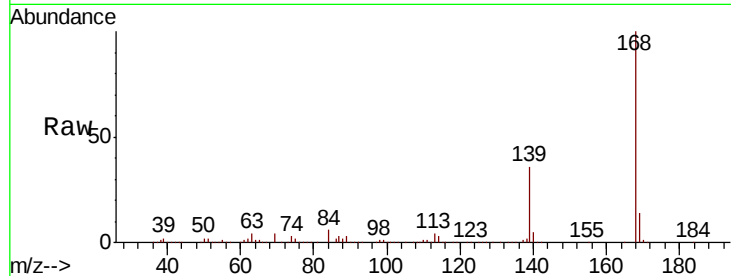
#55
Dibenzofuran
Concen: 38.462 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.2	43.8
169	14.1	11.0	16.6

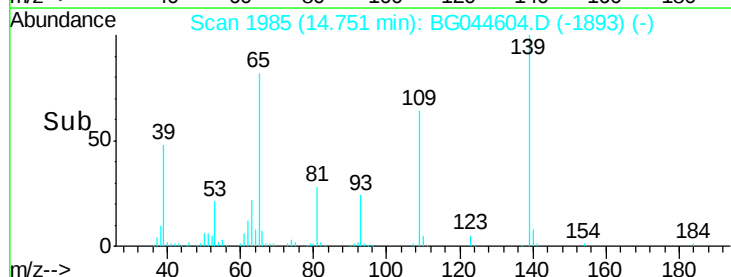
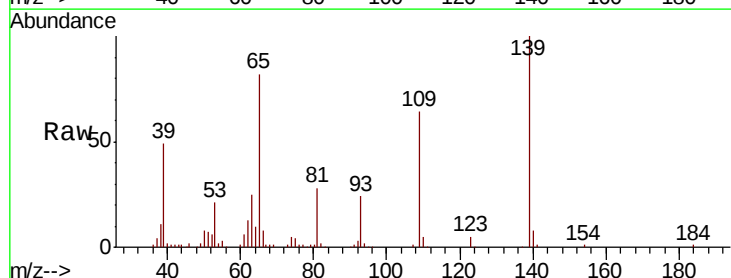
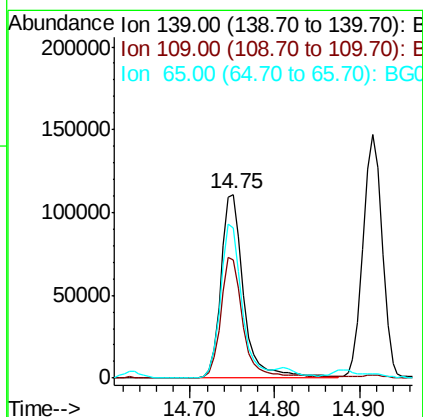
Manual Integrations
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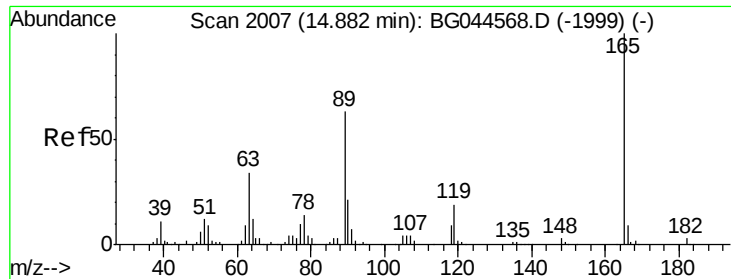
mohammad
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#56
4-Nitrophenol
Concen: 91.146 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	43.8	83.8
65	82.1	63.6	103.6





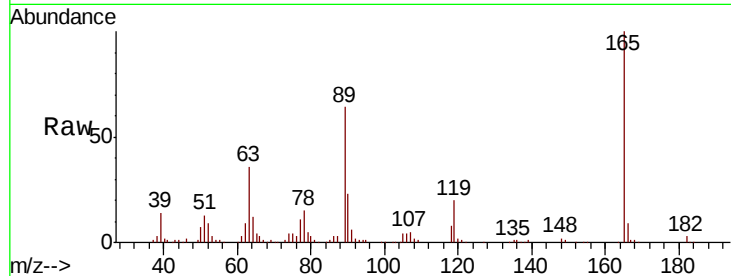
#57
2,4-Dinitrotoluene
Concen: 40.251 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.1	27.5	41.3
89	64.1	50.0	75.0
182	2.6	2.3	3.5

Manual Integrations
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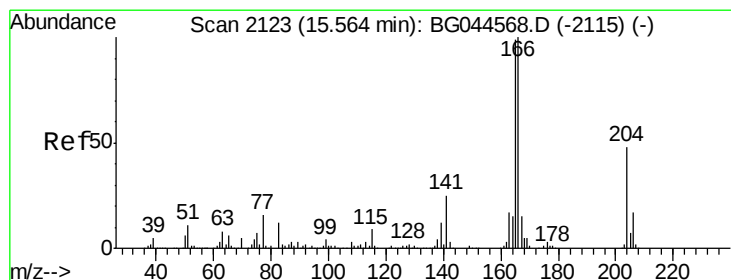
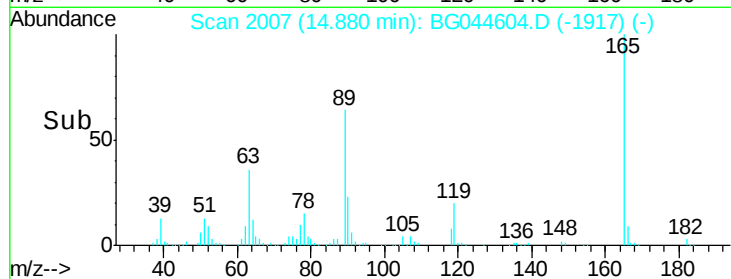
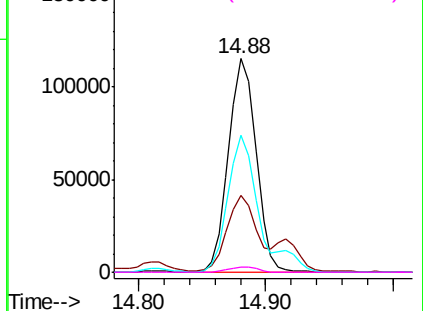


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

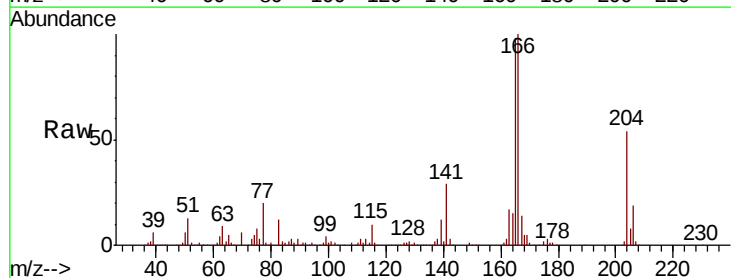
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.812 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

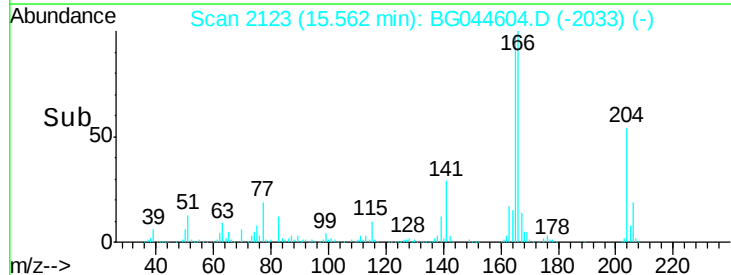
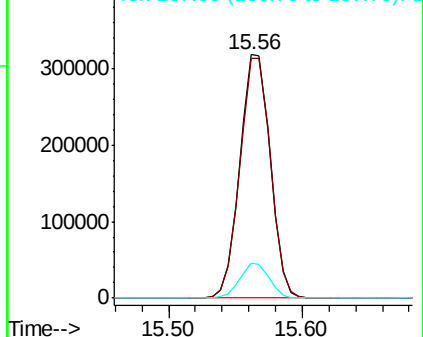
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.3	79.2	118.8
167	14.3	11.7	17.5

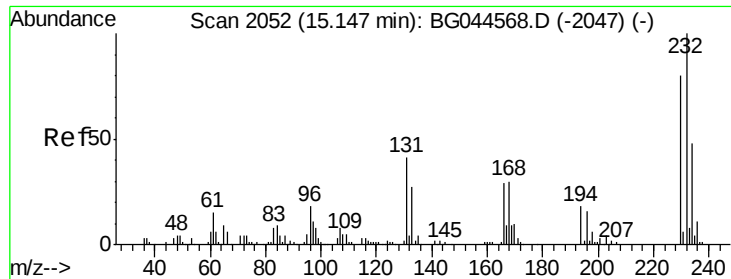


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





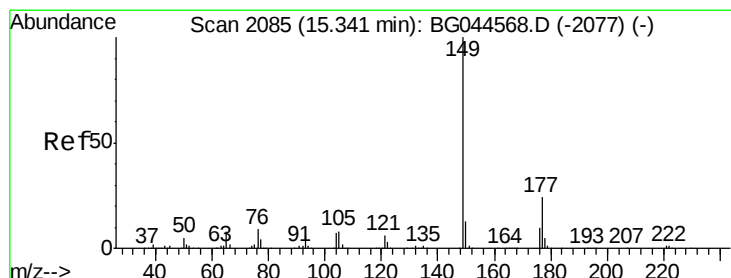
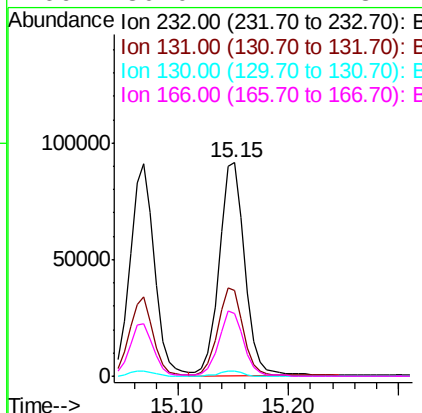
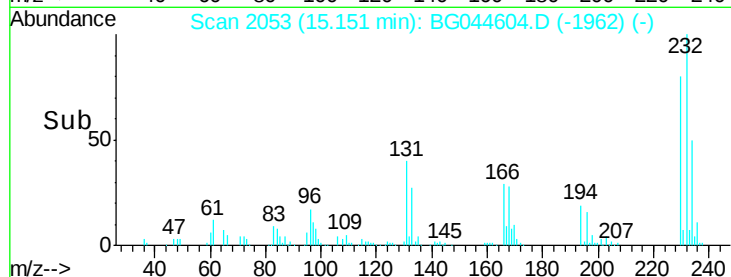
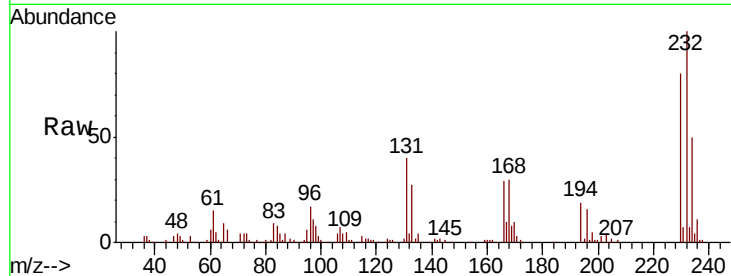
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.187 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	147696		
131	41.6		31.8	47.6
130	2.2		1.8	2.6
166	30.0		22.7	34.1

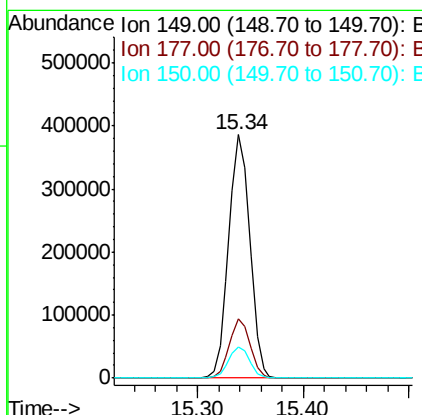
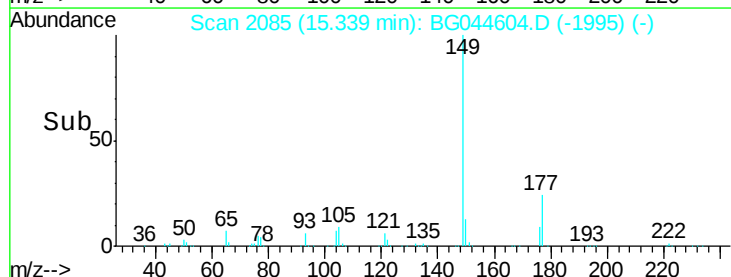
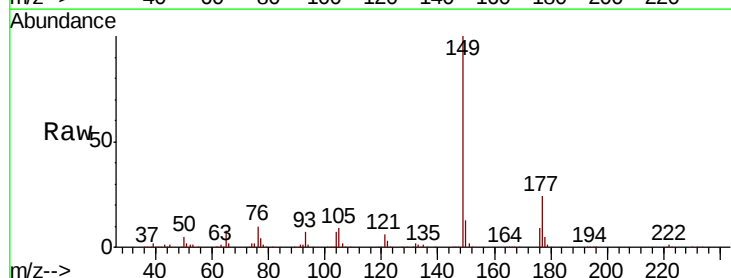
Manual Integrations
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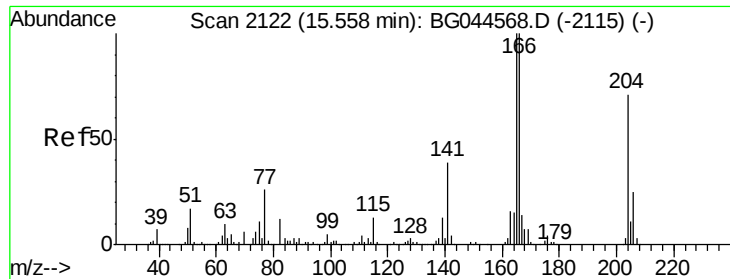
mohammad
 2/27/2020 4:58:57 PM



#60
 Diethylphthalate
 Concen: 38.500 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	533958		
177	24.4		19.2	28.8
150	13.0		10.2	15.4





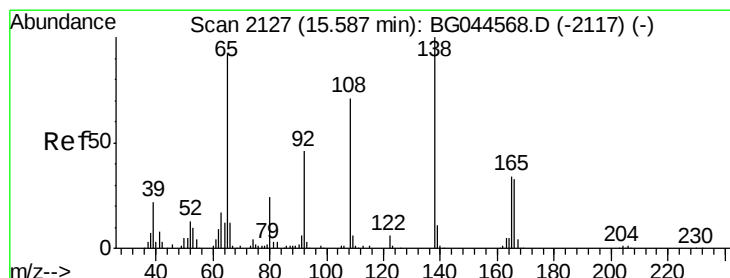
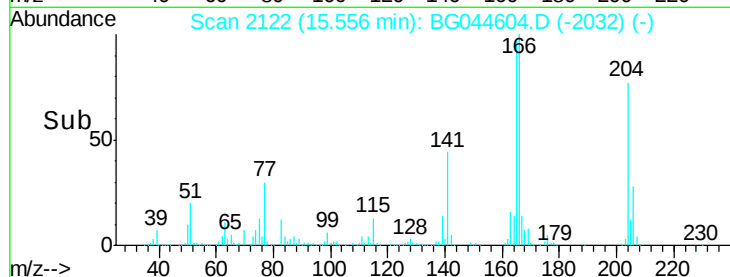
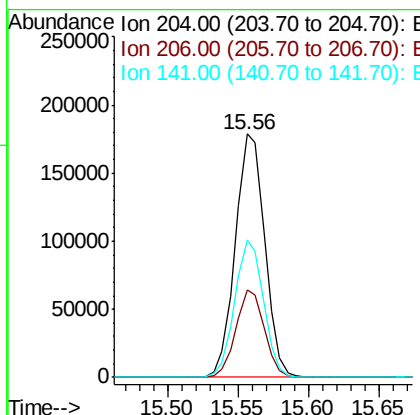
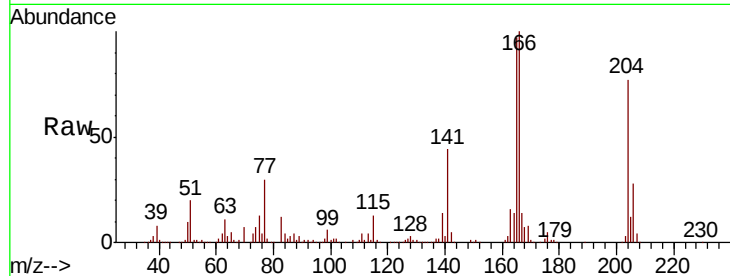
#61
4-Chlorophenyl-phenylether
Concen: 37.018 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.1	27.8	41.8
141	56.4	43.8	65.8

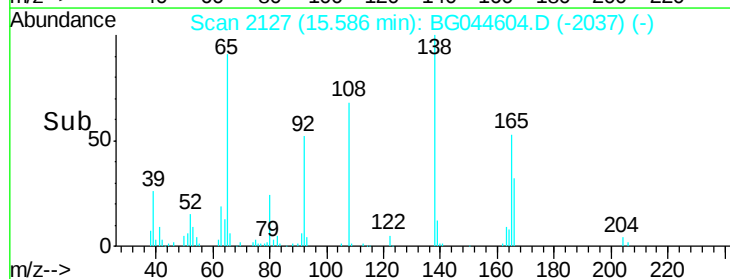
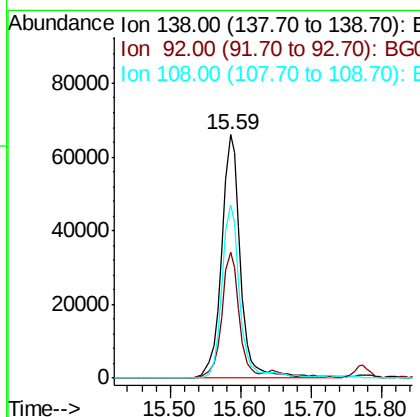
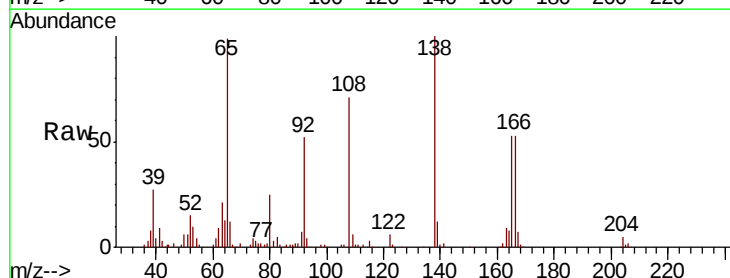
Manual Integrations
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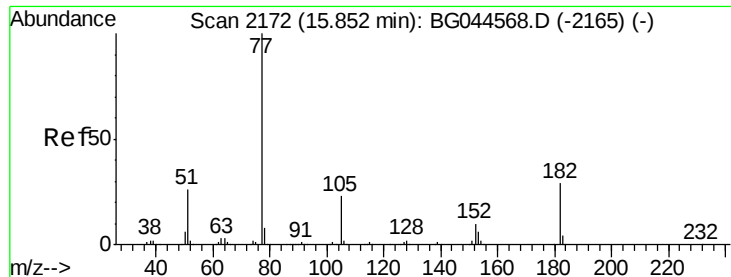
mohammad
2/27/2020 4:58:57 PM



#62
4-Nitroaniline
Concen: 36.985 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	26.4	66.4
108	71.1	50.5	90.5





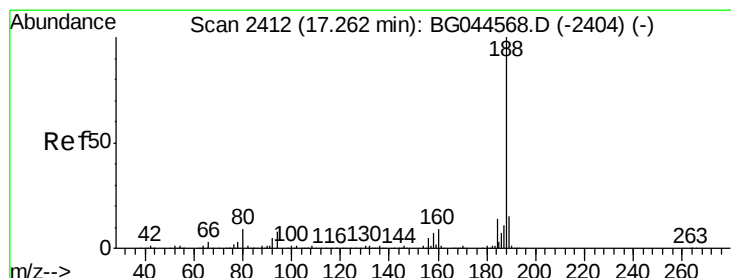
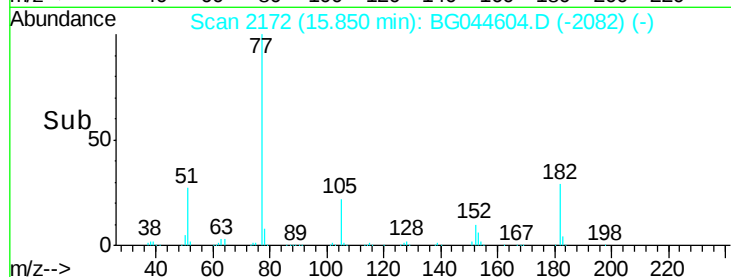
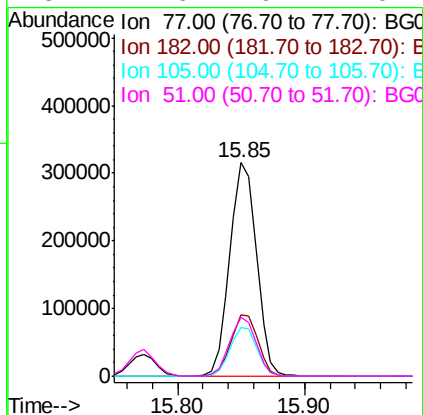
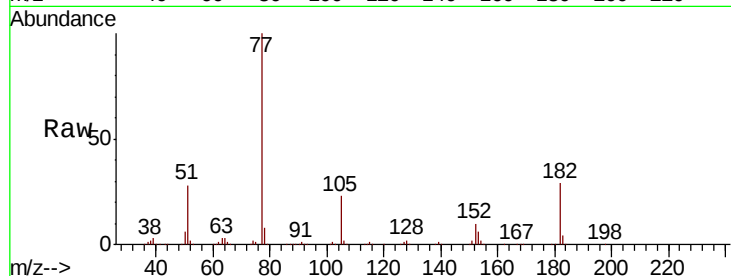
#63
Azobenzene
Concen: 38.976 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	9.4	49.4
105	23.0	3.4	43.4
51	27.6	6.4	46.4

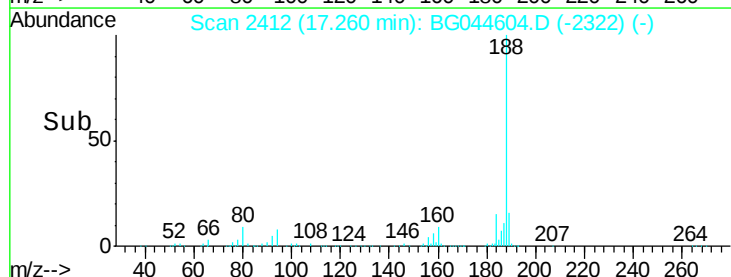
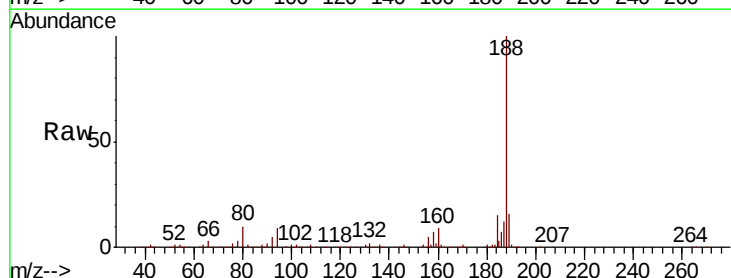
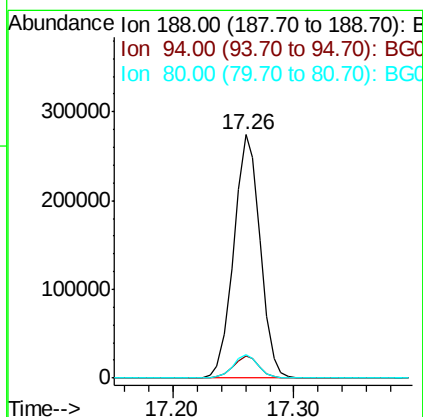
Manual Integrations
APPROVED

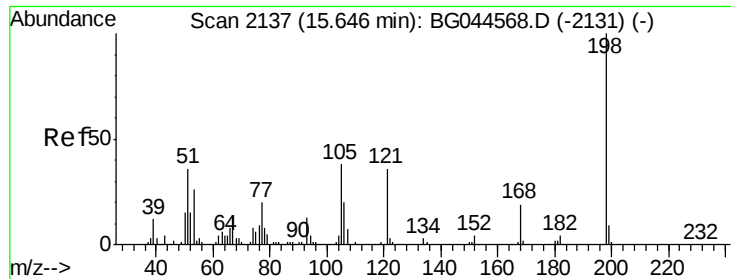
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.6	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 41.727 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

PB127106BS

Tot Ion:198 Resp: 107621

Ion Ratio Lower Upper

198 100

51 34.7 17.0 57.0

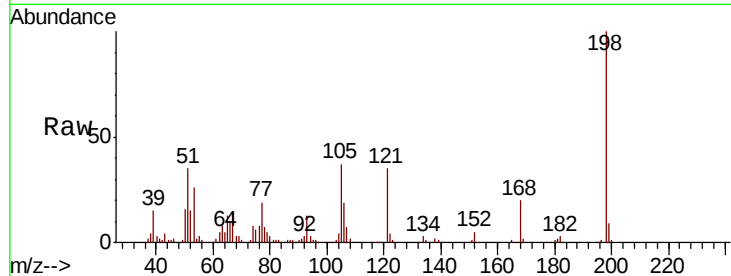
105 37.3 18.4 58.4

Manual Integrations

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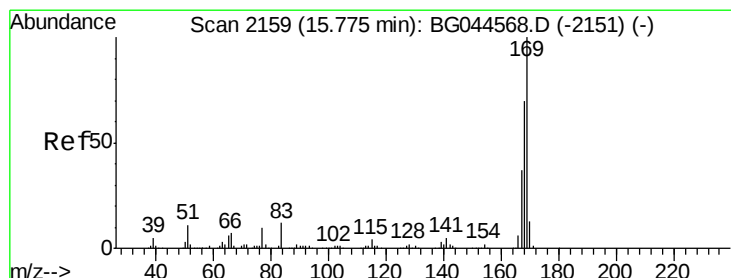
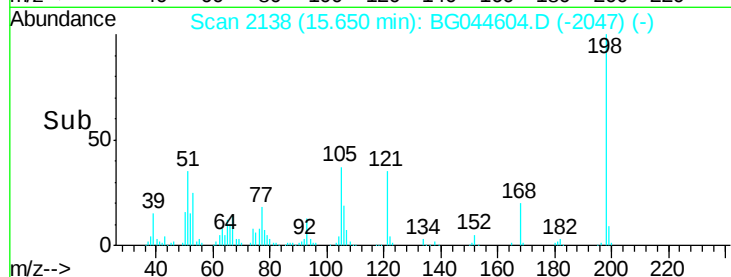
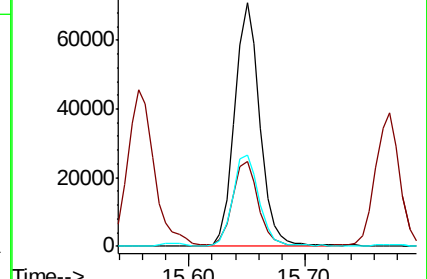
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.133 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

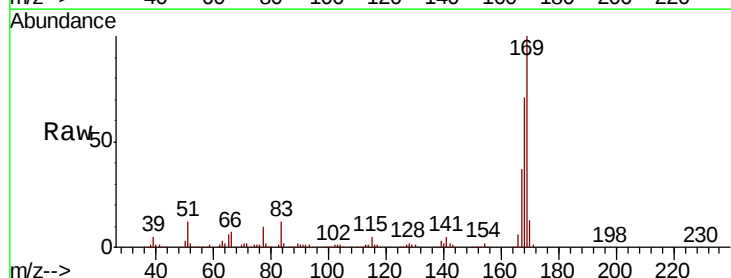
Tgt Ion:169 Resp: 469483

Ion Ratio Lower Upper

169 100

168 70.9 56.1 84.1

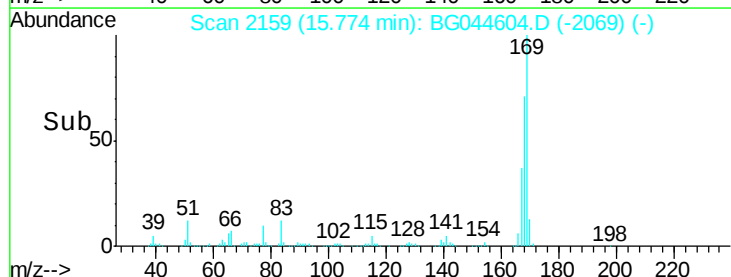
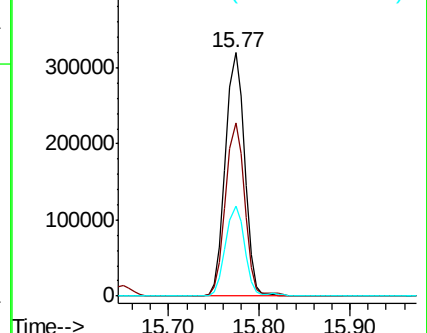
167 36.9 29.4 44.0

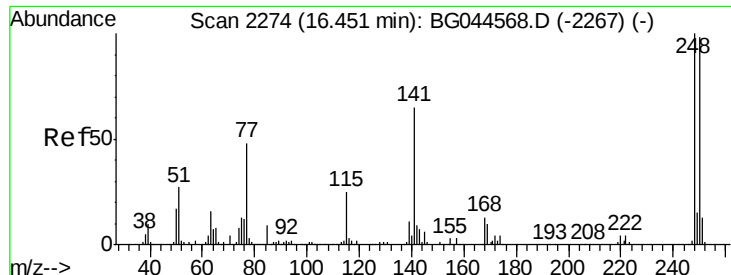


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





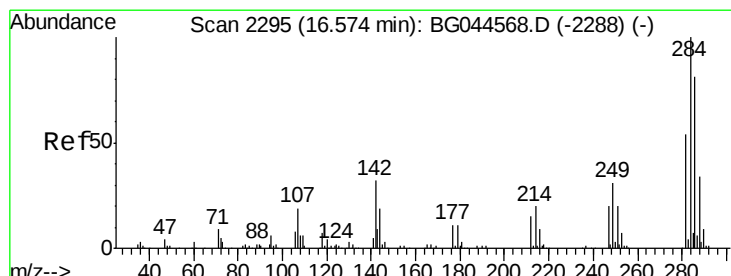
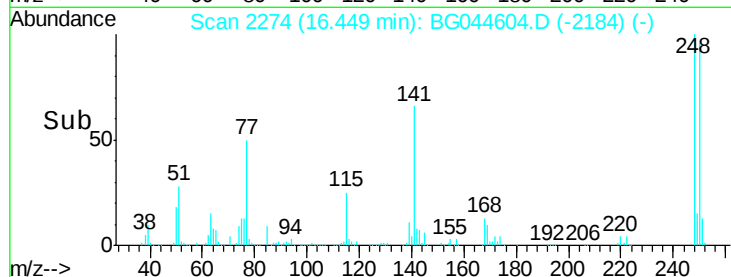
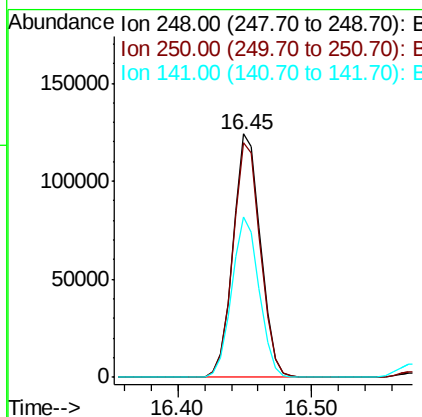
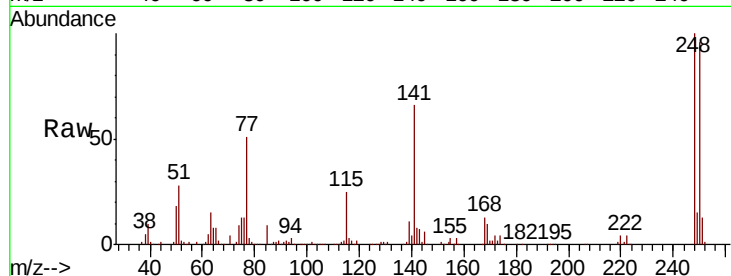
#67
 4-Bromophenyl-phenylether
 Concen: 34.244 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.7	118.1
141	65.7	52.3	78.5

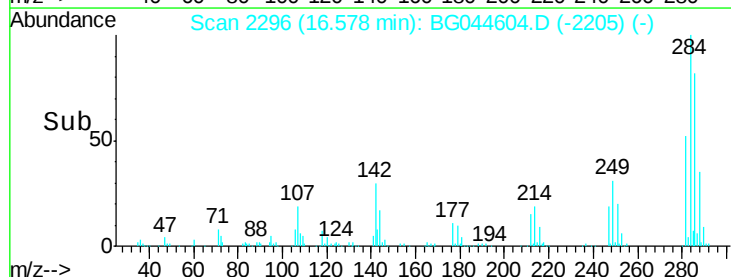
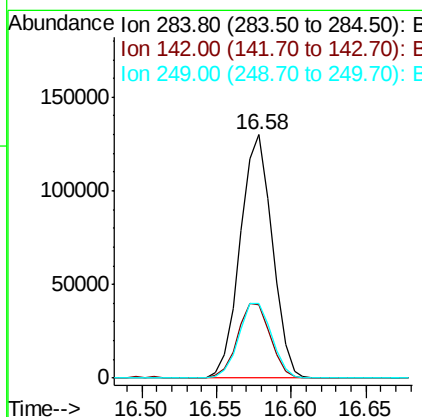
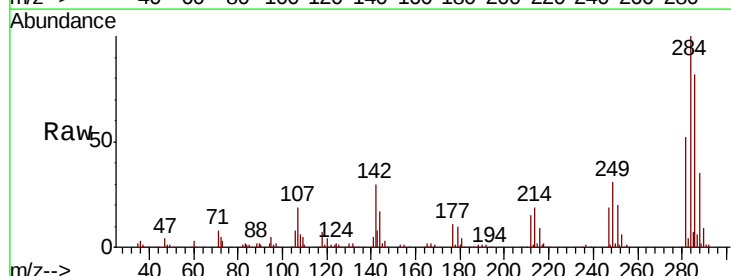
Manual Integrations
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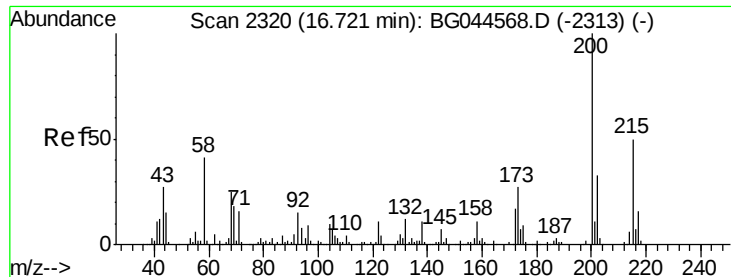
mohammad
 2/27/2020 4:58:57 PM



#68
 Hexachlorobenzene
 Concen: 33.033 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.6	38.4
249	30.7	24.6	36.8





#69

Atrazine

Concen: 14.704 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

PB127106BS

Tot Ion:200 Resp: 70630

Ion Ratio Lower Upper

200 100

173 25.1 6.6 46.6

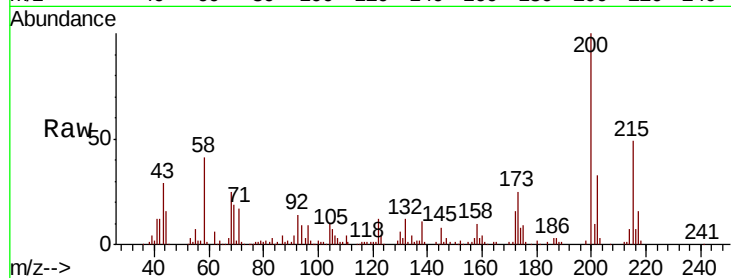
215 48.9 30.3 70.3

Manual Integrations

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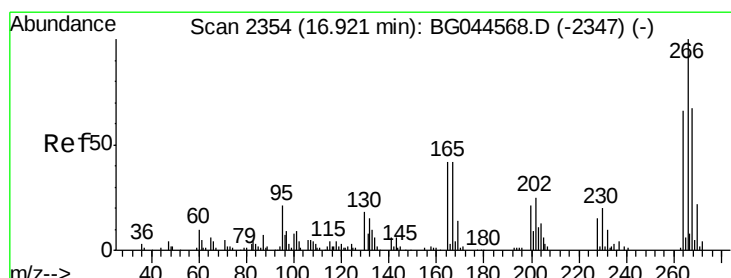
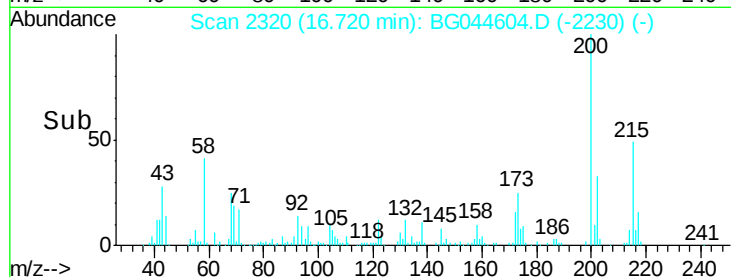
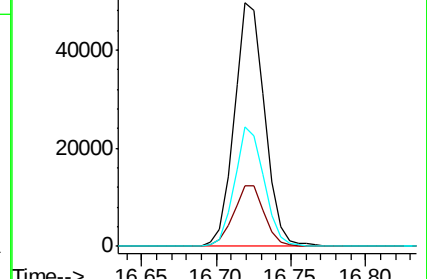
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 111.043 ng

RT: 16.92 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

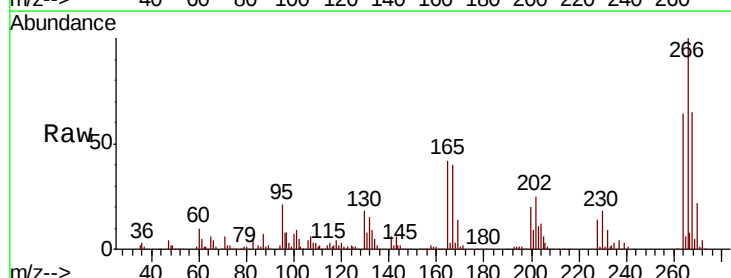
Tgt Ion:266 Resp: 326519

Ion Ratio Lower Upper

266 100

268 65.0 53.4 80.0

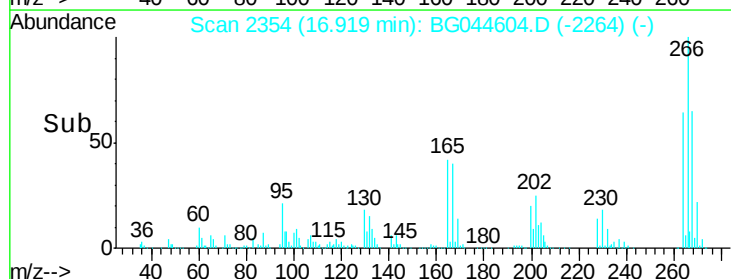
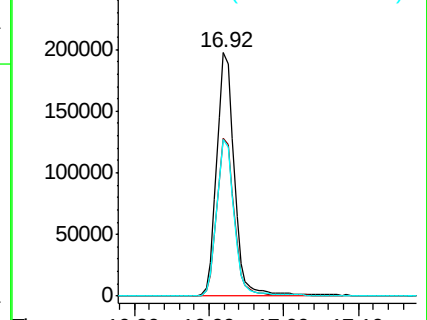
264 64.1 53.0 79.4

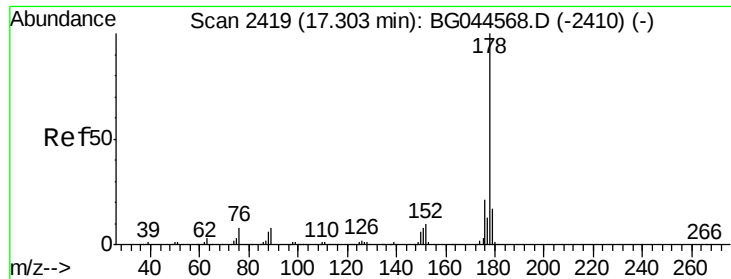


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





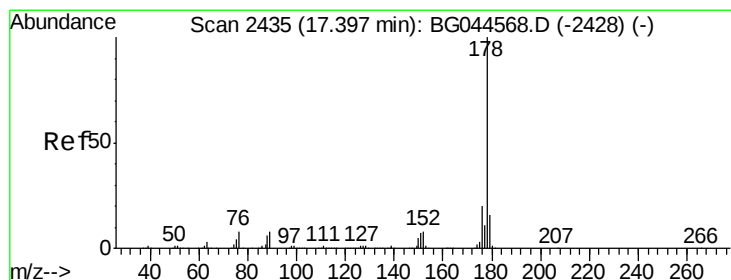
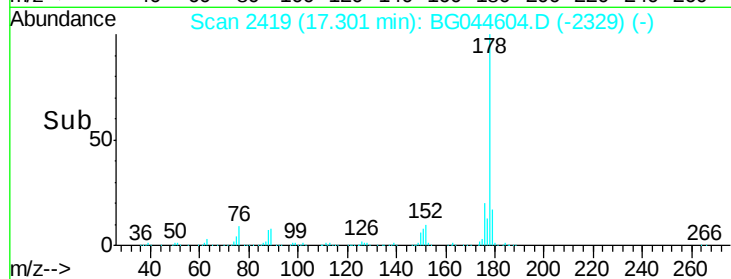
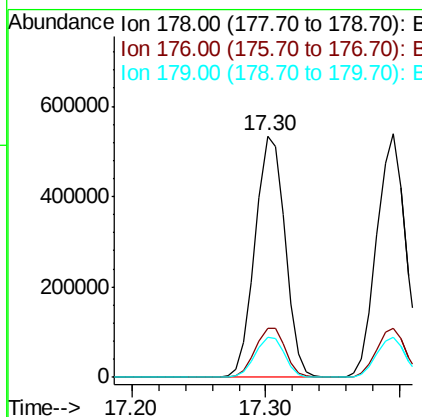
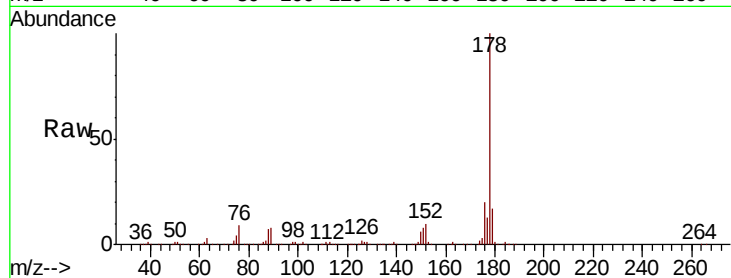
#71
Phenanthrene
Concen: 35.862 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.7	13.3	19.9

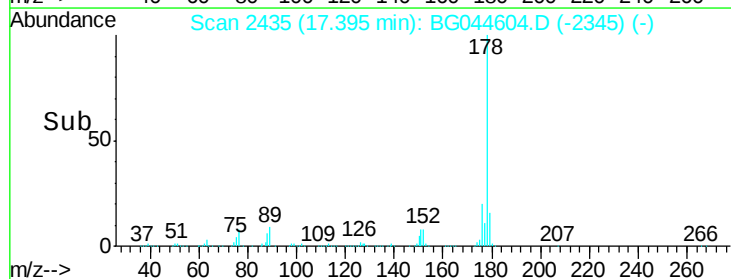
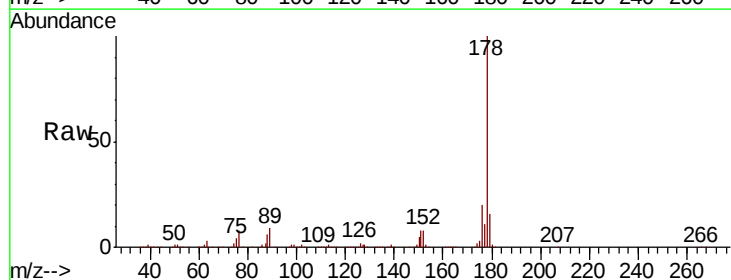
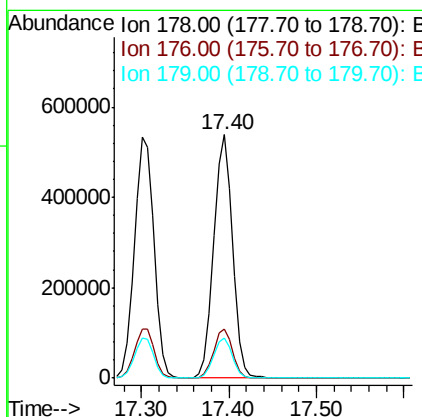
Manual Integrations
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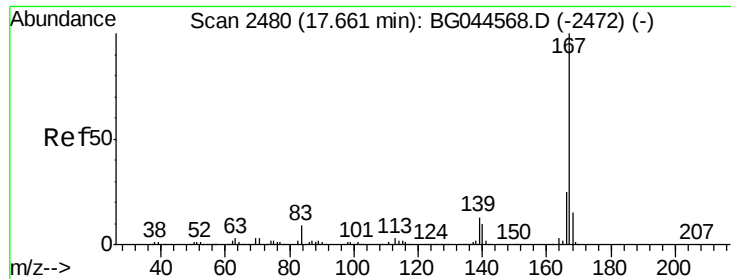
mohammad
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#72
Anthracene
Concen: 35.566 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.3	13.1	19.7





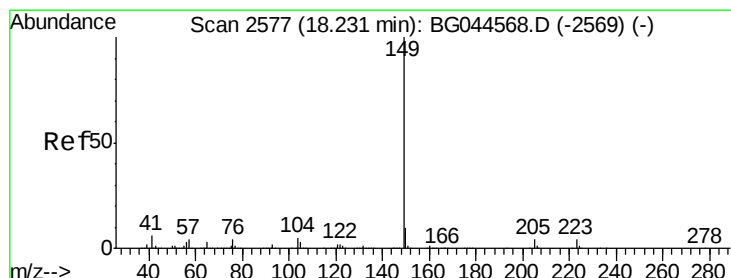
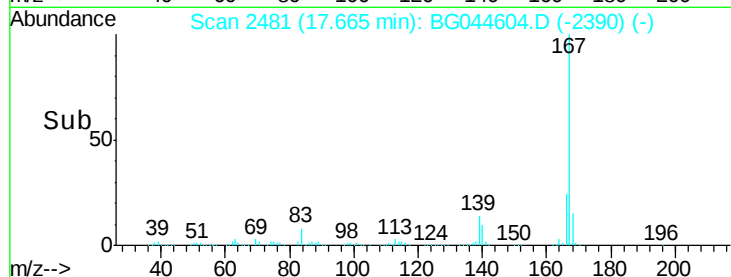
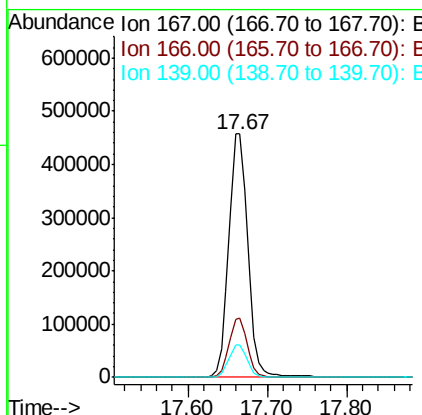
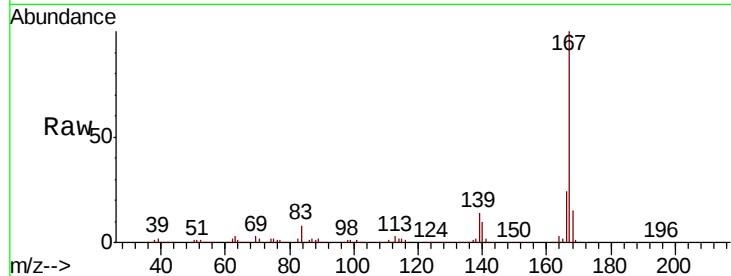
#73
 Carbazole
 Concen: 36.927 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127106BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.7	29.5
139	13.6	10.6	15.8

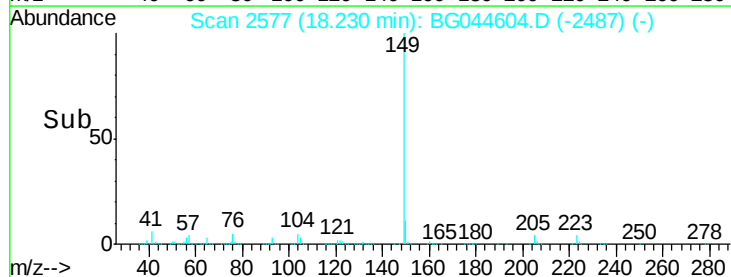
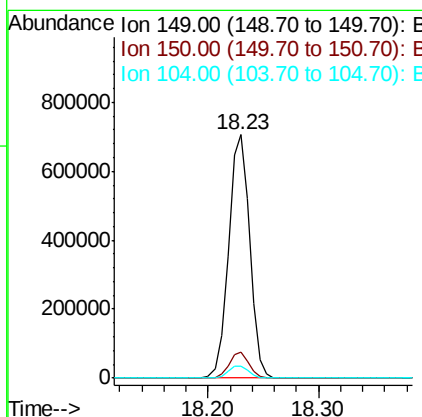
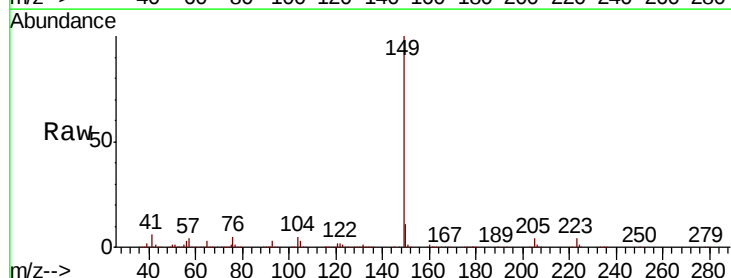
Manual Integrations
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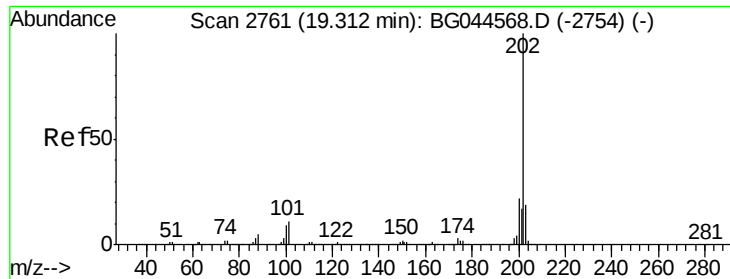
mohammad
 2/27/2020 4:58:57 PM



#74
 Di-n-butylphthalate
 Concen: 36.349 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044604.D
 Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 36.349 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

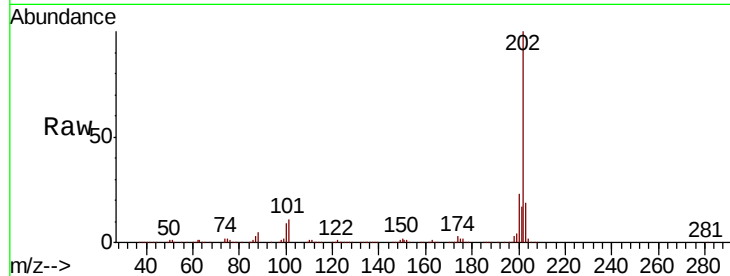
ClientSampleId :

PB127106BS

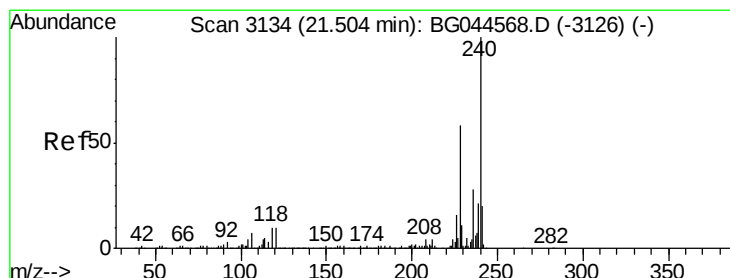
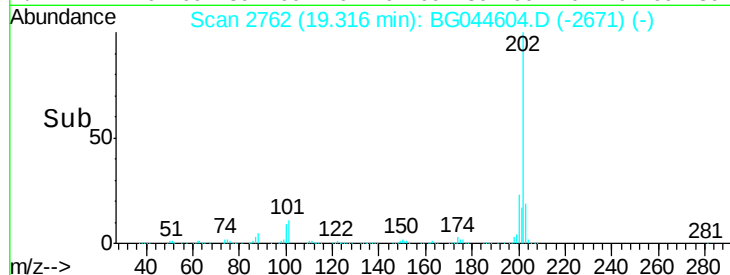
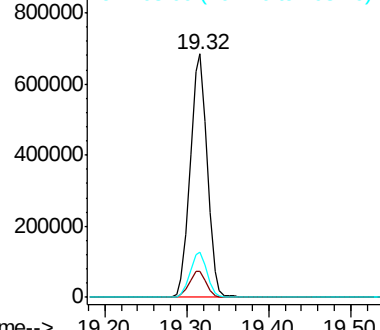
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		992311		
101	10.6	0.0	31.0		
203	18.8	0.0	39.2		

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

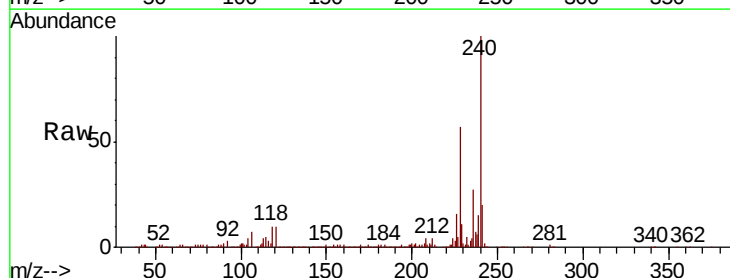
RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

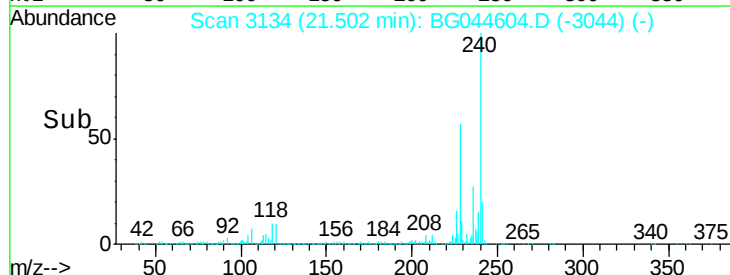
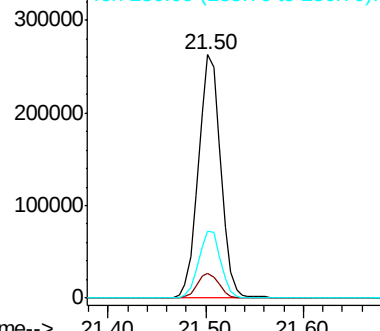
Lab File: BG044604.D

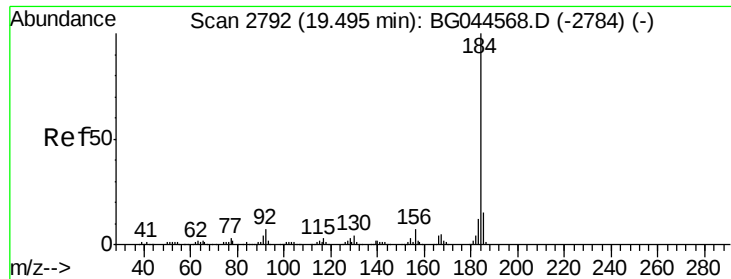
Acq: 26 Feb 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		416876		
120	10.4	8.3	12.5		
236	27.4	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: 5.069 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

PB127106BS

Tot Ion:184 Resp: 72389

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

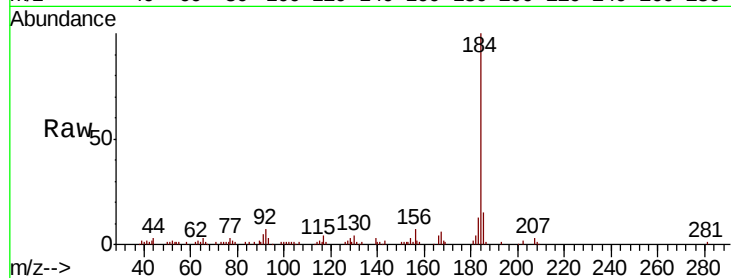
183 13.1 9.9 14.9

Manual Integrations

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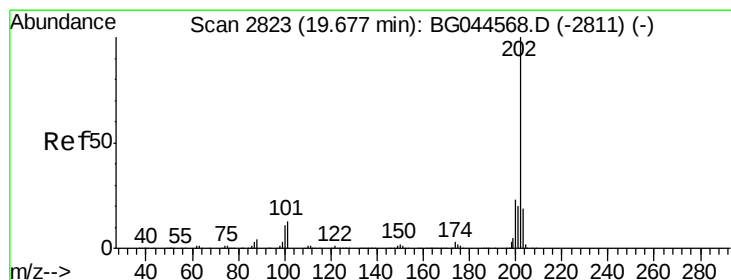
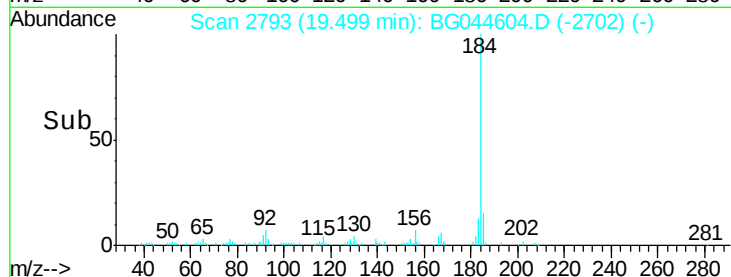
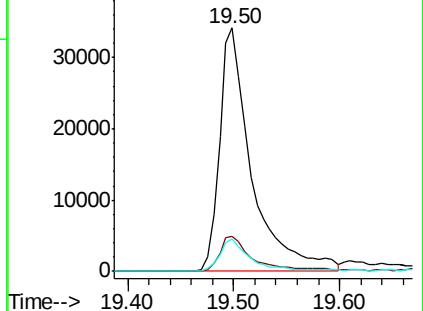
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.362 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

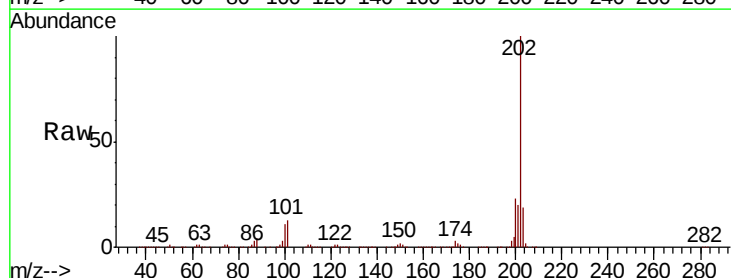
Tgt Ion:202 Resp: 1009578

Ion Ratio Lower Upper

202 100

200 23.4 18.6 28.0

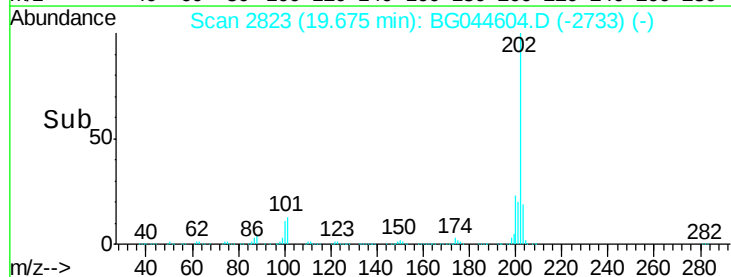
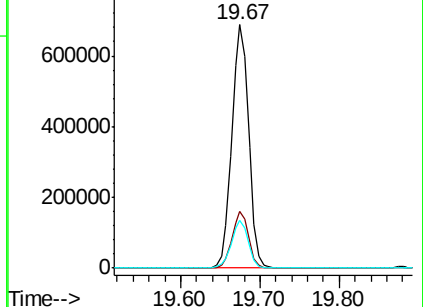
203 19.5 15.3 22.9

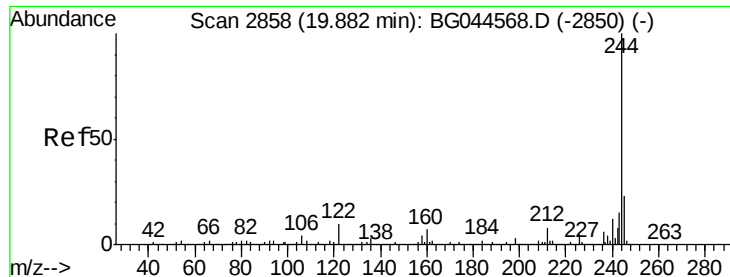


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.396 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

Instrument :

BNA_G

ClientSampleId :

PB127106BS

Tot Ion:244 Resp: 1440088

Ion Ratio Lower Upper

244 100

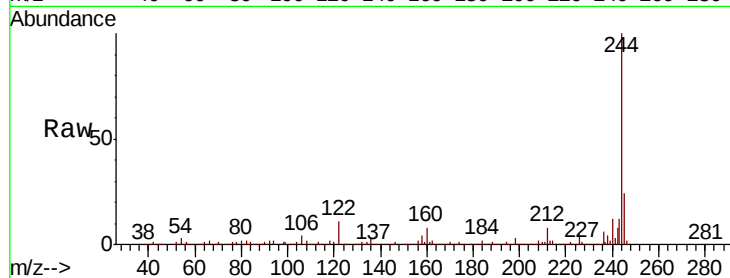
212 8.1 6.5 9.7

122 11.1 8.2 12.4

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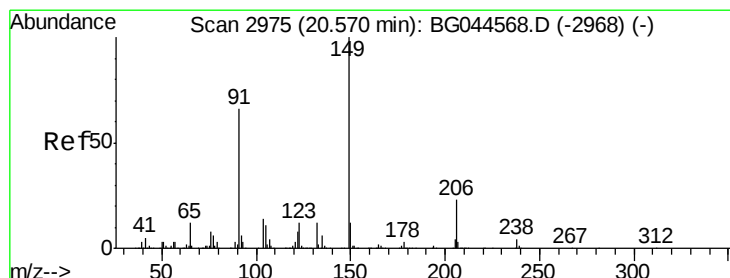
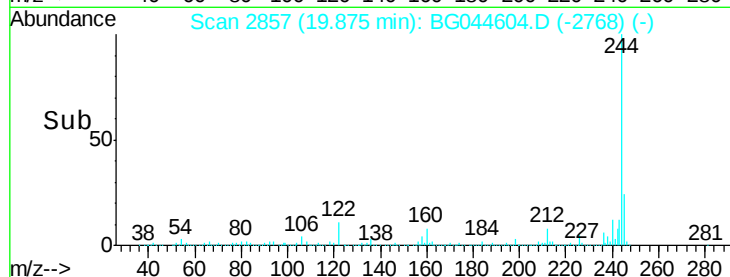
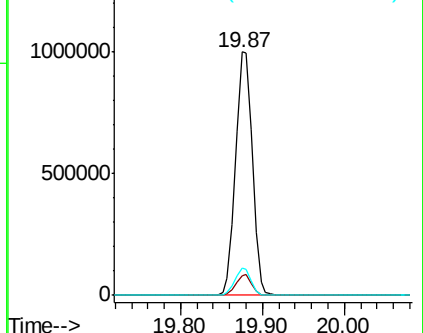
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.732 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044604.D

Acq: 26 Feb 2020 15:22

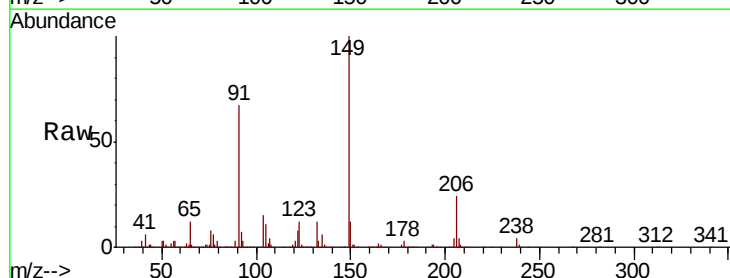
Tgt Ion:149 Resp: 433265

Ion Ratio Lower Upper

149 100

91 67.2 52.7 79.1

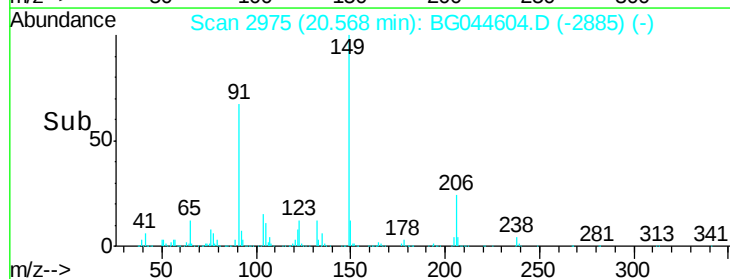
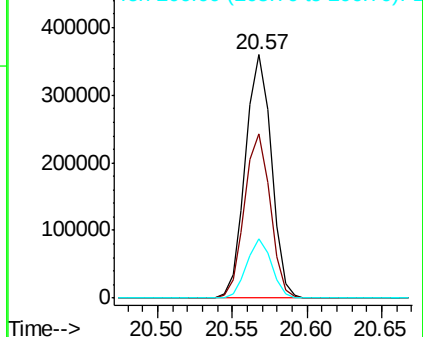
206 24.4 18.6 28.0

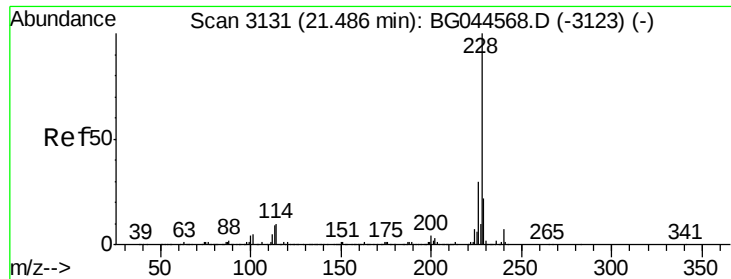


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





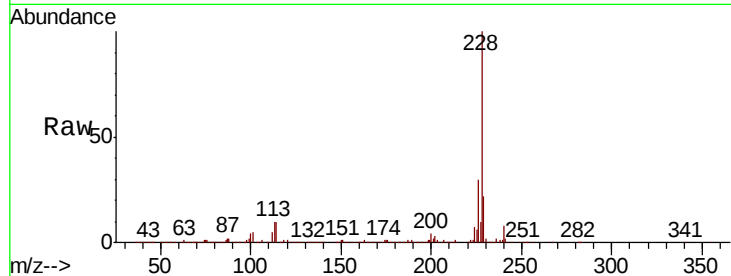
#81
Benzo(a)anthracene
Concen: 32.498 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.5	17.2	25.8

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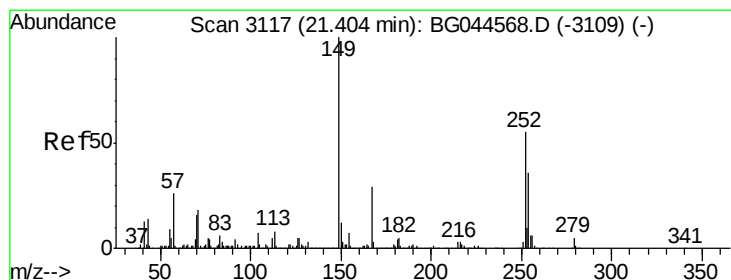
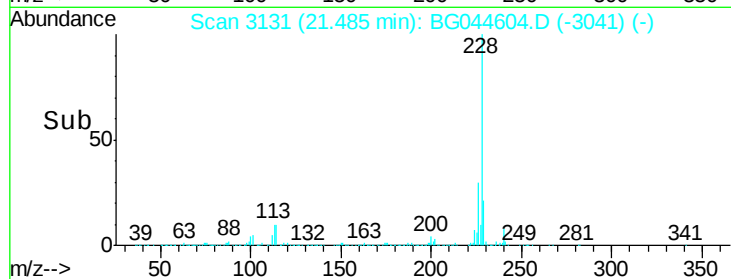
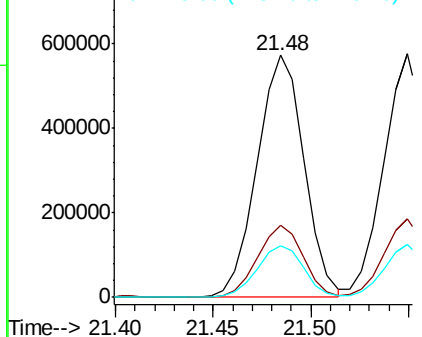


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 22.576 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

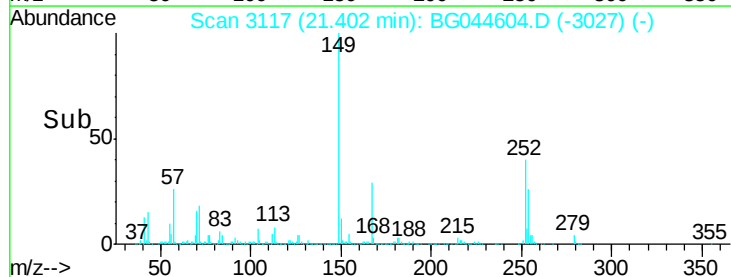
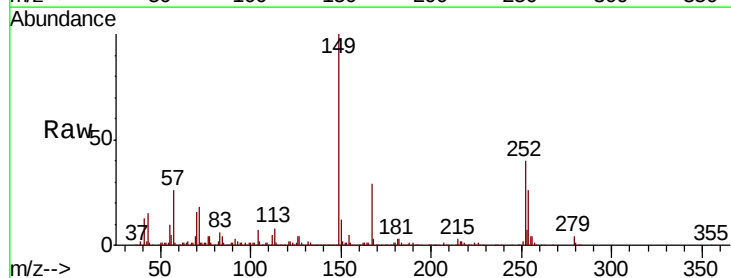
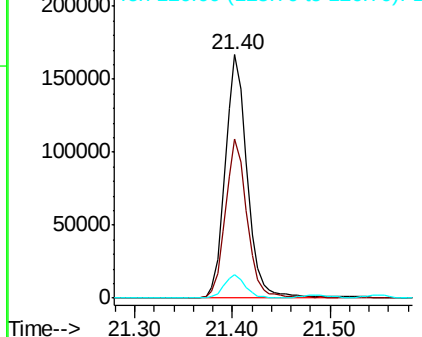
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	9.6	7.8	11.6

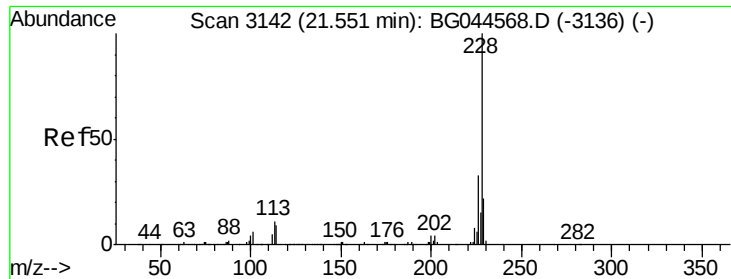
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





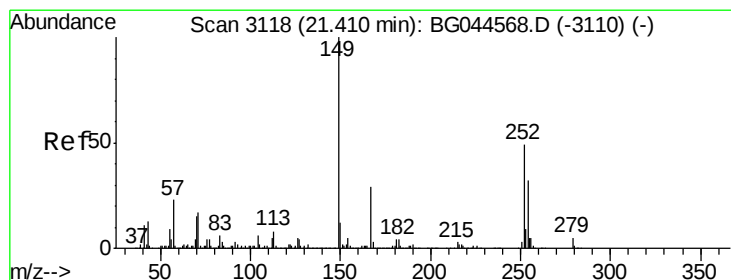
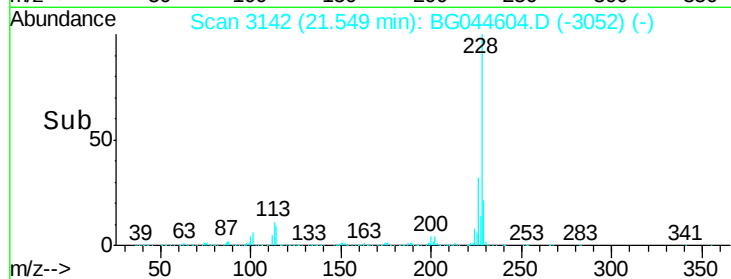
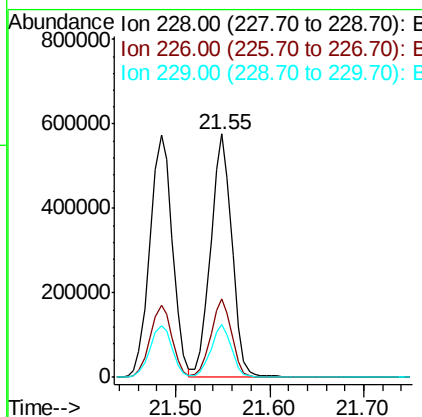
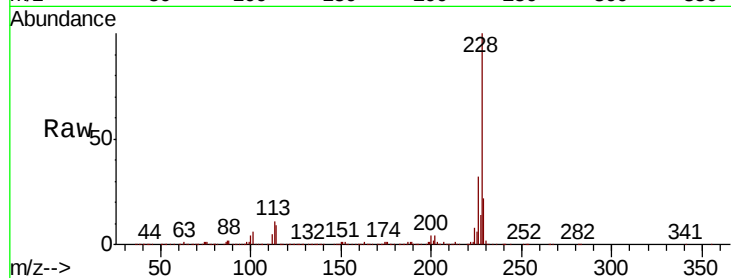
#83
Chrysene
Concen: 32.335 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	916006		
226	32.5		26.1	39.1
229	21.5		17.2	25.8

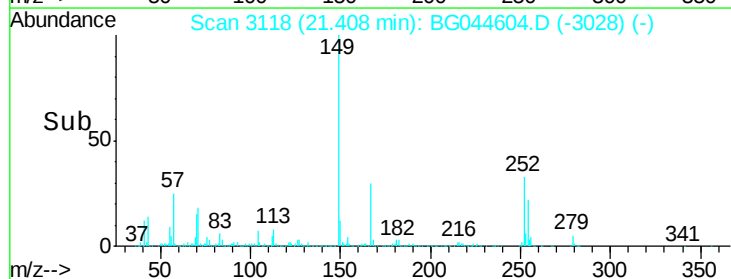
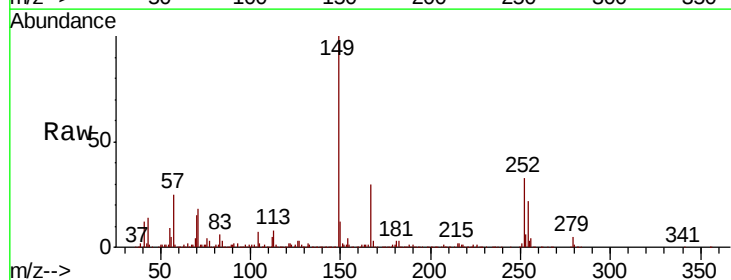
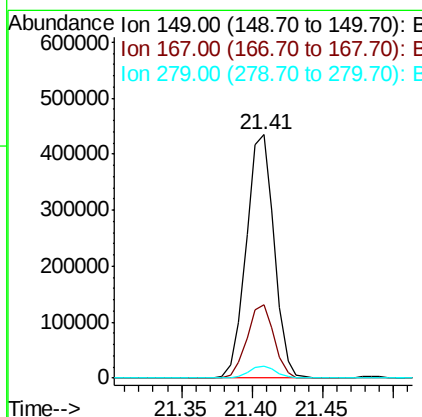
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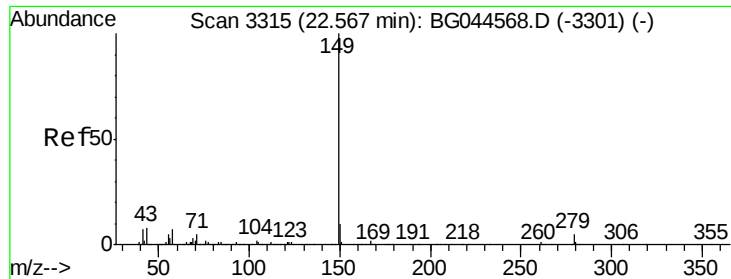
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.000 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	601880		
167	30.0		23.4	35.0
279	4.9		4.2	6.4





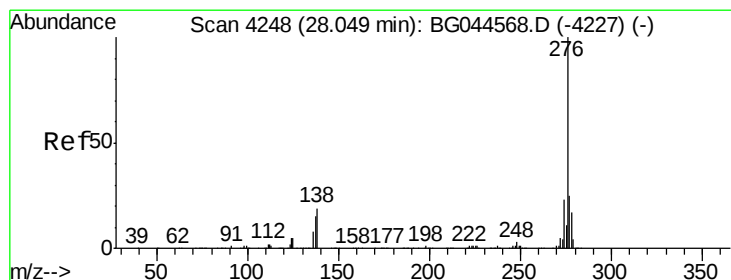
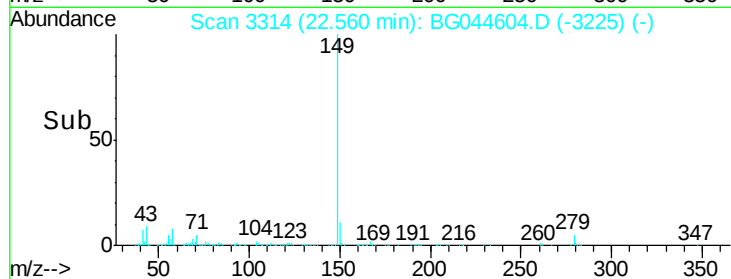
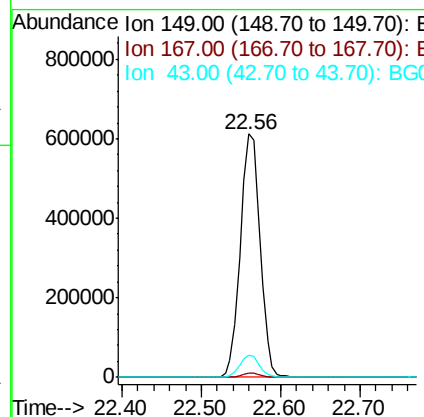
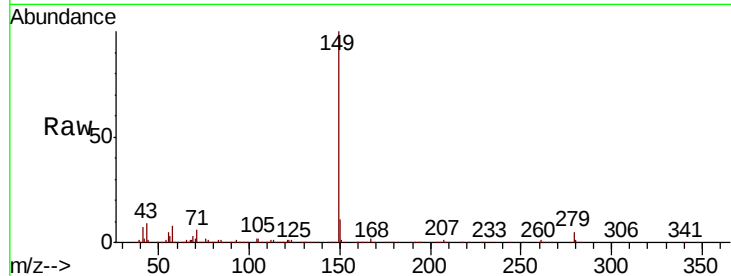
#85
Di-n-octyl phthalate
Concen: 33.001 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.7	6.6	10.0

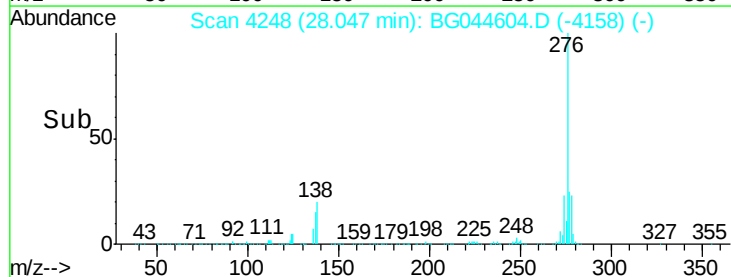
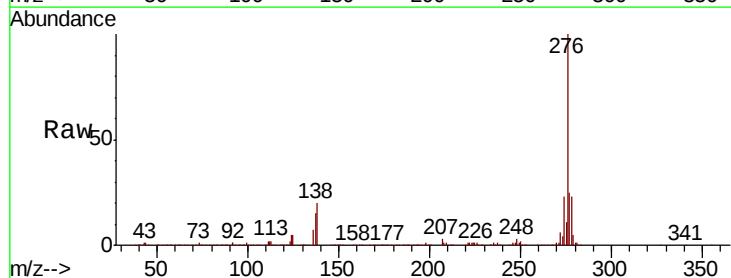
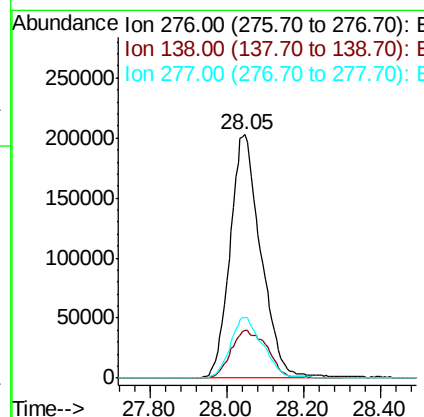
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#86
Indeno(1,2,3-cd)pyrene
Concen: 31.182 ng
RT: 28.05 min Scan# 4248
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.8	20.7	31.1





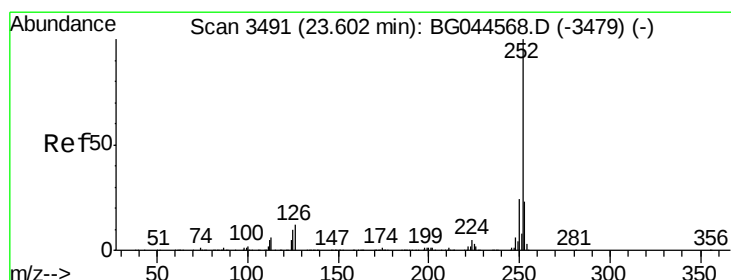
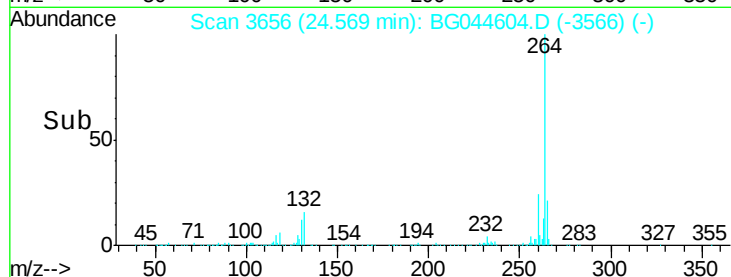
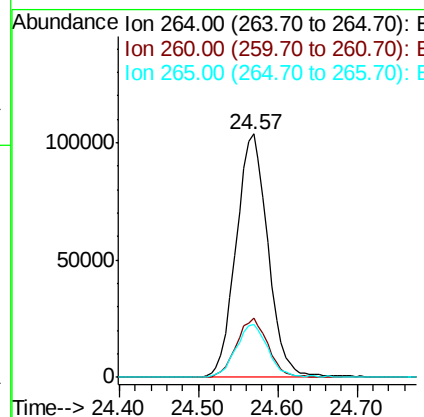
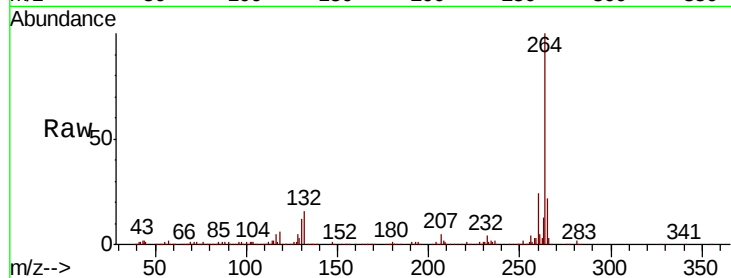
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.5	17.8	26.8

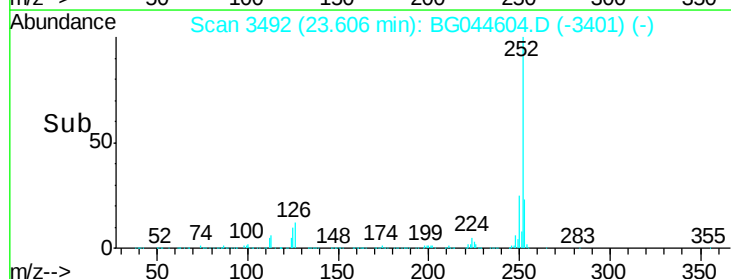
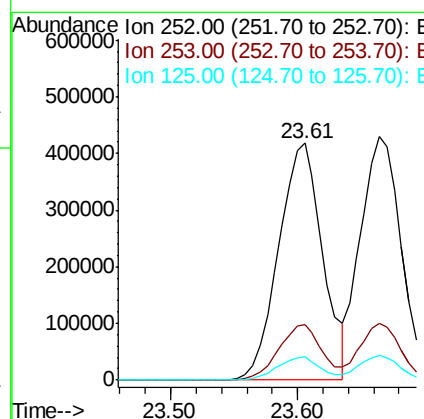
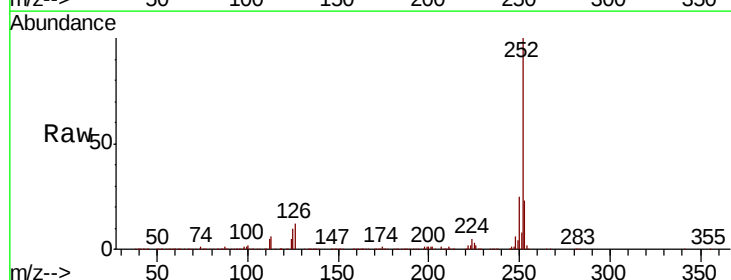
Manual Integrations
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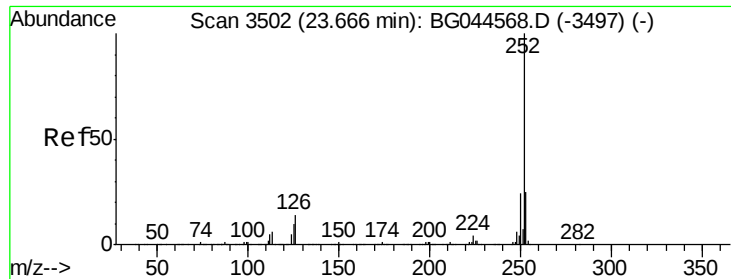
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#88
Benzo(b)fluoranthene
Concen: 53.170 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.8	7.9	11.9





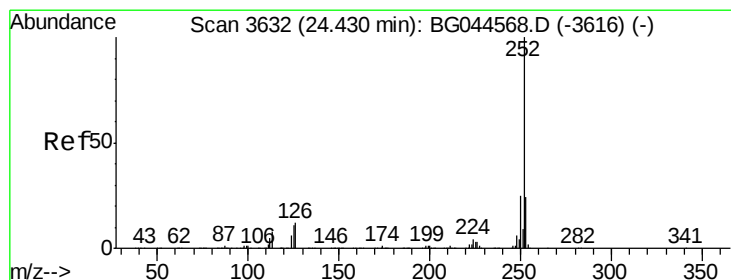
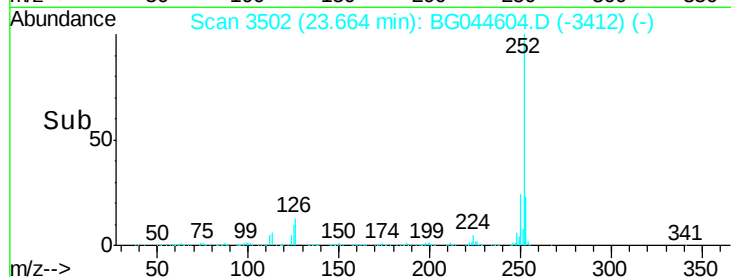
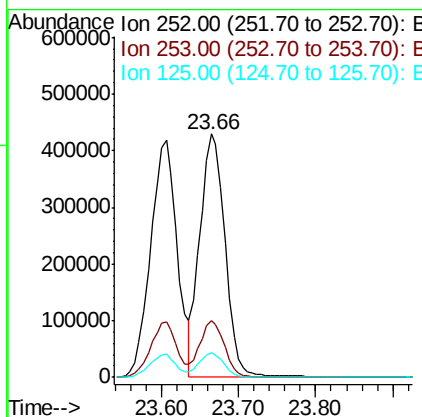
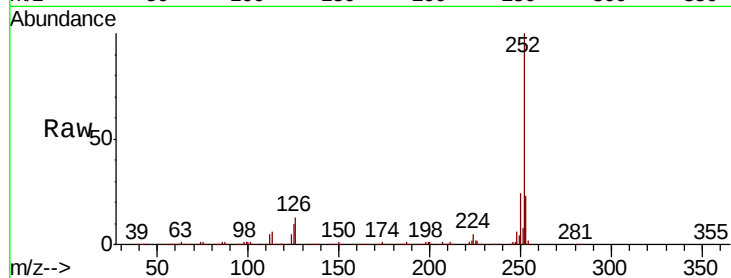
#89
Benzo(k)fluoranthene
Concen: 52.459 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	10.0	7.8	11.8

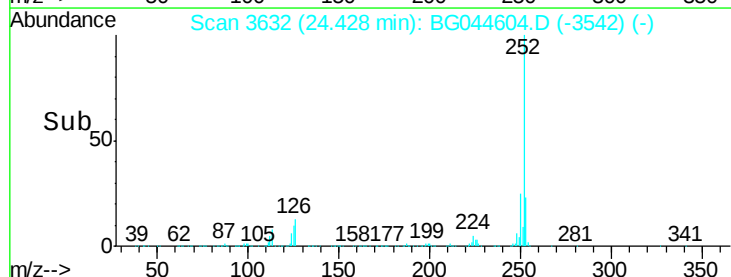
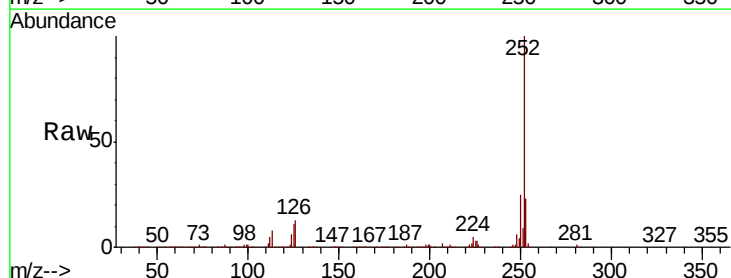
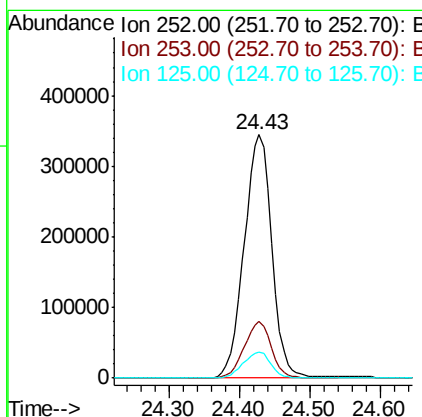
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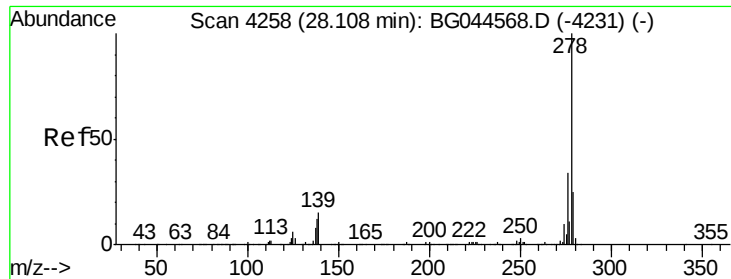
mohammad
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#90
Benzo(a)pyrene
Concen: 52.824 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	10.5	8.5	12.7





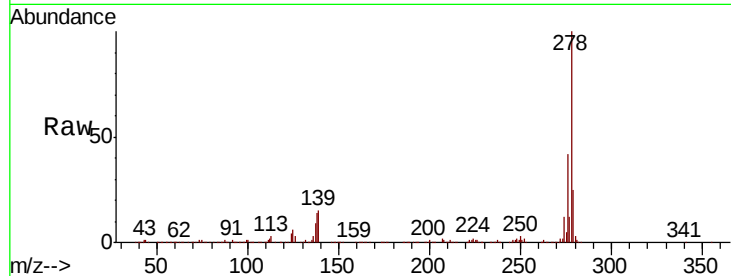
#91
Dibenzo(a,h)anthracene
Concen: 53.370 ng
RT: 28.09 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Instrument :
BNA_G
ClientSampleId :
PB127106BS

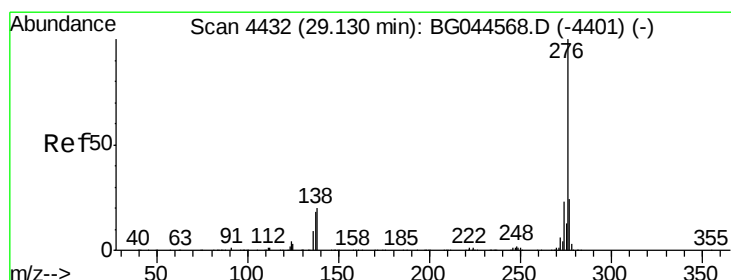
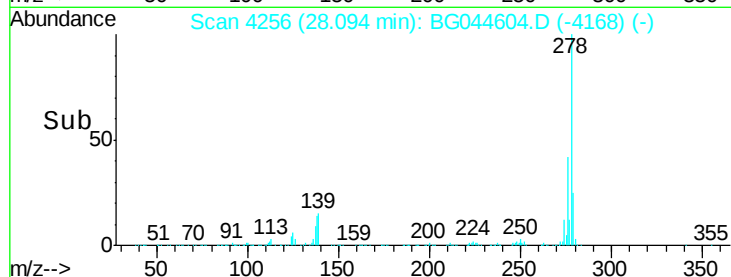
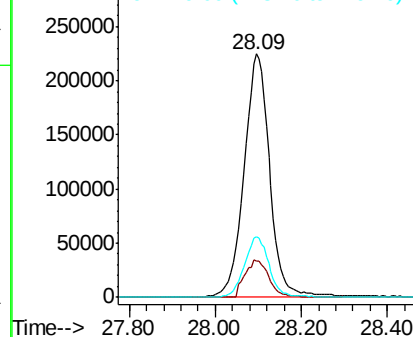
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.7	17.5
279	24.8	19.8	29.6

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.767 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.01 min
Lab File: BG044604.D
Acq: 26 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	20.0	16.1	24.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

