

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045124.D
 Acq On : 22 Apr 2020 13:31
 Operator : CG/JU
 Sample : PB128381BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:19:08 AM

Quant Time: Apr 22 14:22:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	85003	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	375583	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	308947	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	744044	20.00	ng	0.00
76) Chrysene-d12	21.66	240	527559	20.00	ng	0.00
87) Perylene-d12	24.85	264	597479	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	765473	148.67	ng	0.00
7) Phenol-d6	7.19	99	1121370	146.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	706727	85.86	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	638012	133.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1716375	81.46	ng	0.00
79) Terphenyl-d14	20.01	244	2472886	102.17	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	78816	34.445 ng	96
3) Pyridine	3.87	79	241752	34.314 ng	94
4) n-Nitrosodimethylamine	3.78	42	103260	47.845 ng	84
6) Aniline	7.34	93	447257	44.968 ng	99
8) 2-Chlorophenol	7.58	128	298637	53.969 ng	98
9) Benzaldehyde	7.15	77	133399	28.001 ng	95
10) Phenol	7.21	94	415771	54.314 ng	98
11) bis(2-Chloroethyl)ether	7.43	93	266507	43.727 ng	99
12) 1,3-Dichlorobenzene	7.90	146	286494	43.937 ng	97
13) 1,4-Dichlorobenzene	8.05	146	289169	44.506 ng	100
14) 1,2-Dichlorobenzene	8.37	146	276131	44.424 ng	97
15) Benzyl Alcohol	8.25	79	323979	50.514 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	248686	41.567 ng	97
17) 2-Methylphenol	8.46	107	291725	49.393 ng	92
18) Hexachloroethane	9.10	117	109135	44.681 ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	255620	47.250 ng	97
20) 3+4-Methylphenols	8.79	107	406472	49.169 ng	97
22) Acetophenone	8.84	105	465341	45.816 ng	98
24) Nitrobenzene	9.22	77	385053	45.637 ng	96
25) Isophorone	9.75	82	743925	44.133 ng	98
26) 2-Nitrophenol	9.93	139	180649	49.706 ng	96
27) 2,4-Dimethylphenol	10.00	122	302385	52.436 ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	401617	45.346 ng	99
29) 2,4-Dichlorophenol	10.48	162	347339	52.163 ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	339098	44.979 ng	98
31) Naphthalene	10.88	128	928832	45.207 ng	99
32) Benzoic acid	10.17	122	186342	41.062 ng	99
33) 4-Chloroaniline	10.98	127	240283	25.076 ng	98
34) Hexachlorobutadiene	11.17	225	225488	43.624 ng	96
35) Caprolactam	11.76	113	131342m	49.560 ng	
36) 4-Chloro-3-methylphenol	12.11	107	411932	52.661 ng	98
37) 2-Methylnaphthalene	12.48	142	751703	47.136 ng	97
38) 1-Methylnaphthalene	12.70	142	721539	47.926 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	414601	41.680 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	619156	99.588	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	329748	46.970	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	345478	43.233	nq	98
46) 1,1'-Biphenyl	13.49	154	980505	41.755	nq	99
47) 2-Chloronaphthalene	13.53	162	768768	42.846	nq	100
48) 2-Nitroaniline	13.73	65	270408	45.805	nq	99
49) Acenaphthylene	14.38	152	1281787	43.858	nq	98
50) Dimethylphthalate	14.11	163	1109089	44.089	nq	98
51) 2,6-Dinitrotoluene	14.23	165	255464	45.403	nq	98
52) Acenaphthene	14.72	154	1023392m	51.754	nq	
53) 3-Nitroaniline	14.55	138	187564	30.394	nq	92
54) 2,4-Dinitrophenol	14.76	184	347109	103.745	nq	91
55) Dibenzofuran	15.05	168	1265770	43.906	nq	95
56) 4-Nitrophenol	14.88	139	417751	87.307	nq	92
57) 2,4-Dinitrotoluene	15.01	165	367991	44.753	nq	99
58) Fluorene	15.71	166	1067566	45.335	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	352479	49.573	nq	98
60) Diethylphthalate	15.48	149	1159165	44.197	nq	96
61) 4-Chlorophenyl-phenylether	15.69	204	608533	44.896	nq	99
62) 4-Nitroaniline	15.72	138	264930	41.391	nq	91
63) Azobenzene	15.99	77	1112564	46.010	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	249525	51.021	nq	98
66) n-Nitrosodiphenylamine	15.91	169	979218	45.805	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	429764	44.773	nq	97
68) Hexachlorobenzene	16.71	284	458023	46.009	nq	99
69) Atrazine	16.86	200	403917	52.611	nq	97
70) Pentachlorophenol	17.06	266	551278	90.269	nq	99
71) Phenanthrene	17.44	178	1707740	44.665	nq	97
72) Anthracene	17.53	178	1752314	45.689	nq	97
73) Carbazole	17.80	167	1555159	39.957	nq	100
74) Di-n-butylphthalate	18.36	149	1799422	42.078	nq	97
75) Fluoranthene	19.45	202	1907480	42.039	nq	98
77) Benzidine	19.62	184	946063	64.494	nq	99
78) Pyrene	19.81	202	1839717	50.583	nq	99
80) Butylbenzylphthalate	20.70	149	639765	42.436	nq	99
81) Benzo(a)anthracene	21.64	228	1551221	45.366	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	443584	32.593	nq	97
83) Chrysene	21.71	228	1477626	44.976	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	922176	44.475	nq	97
85) Di-n-octyl phthalate	22.77	149	1613200	44.992	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2090302	47.922	nq	# 97
88) Benzo(b)fluoranthene	23.85	252	1718830	45.926	nq	99
89) Benzo(k)fluoranthene	23.91	252	1648922	46.329	nq	99
90) Benzo(a)pyrene	24.71	252	1602629	45.354	nq	97
91) Dibenzo(a,h)anthracene	28.55	278	1674535	47.030	nq	97
92) Benzo(g,h,i)perylene	29.61	276	1697817	47.562	nq	98

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



#1

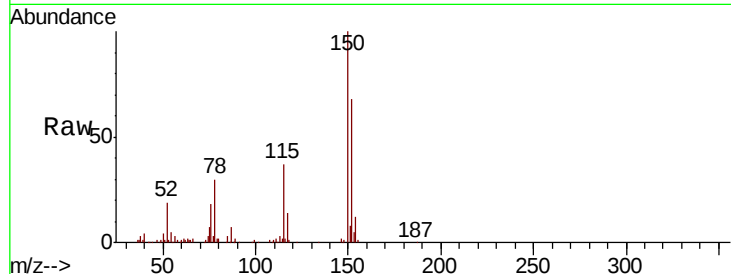
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

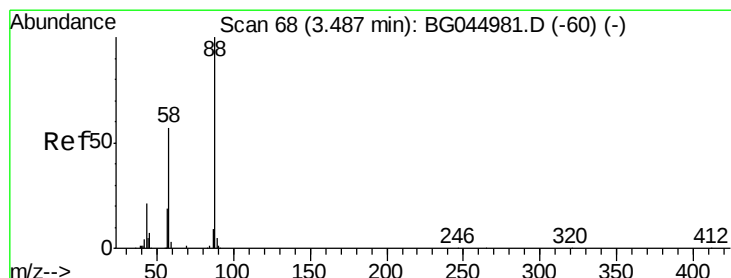
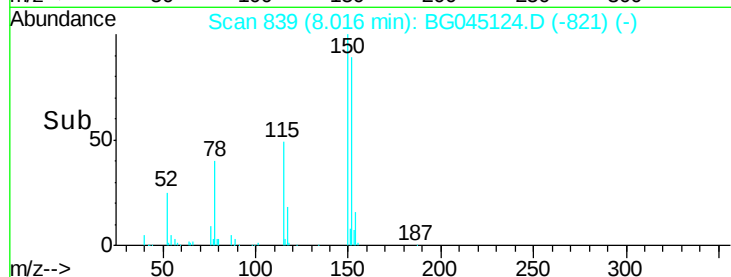
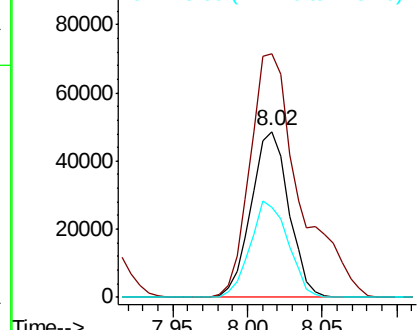
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.6	185.4
115	54.6	49.1	73.7

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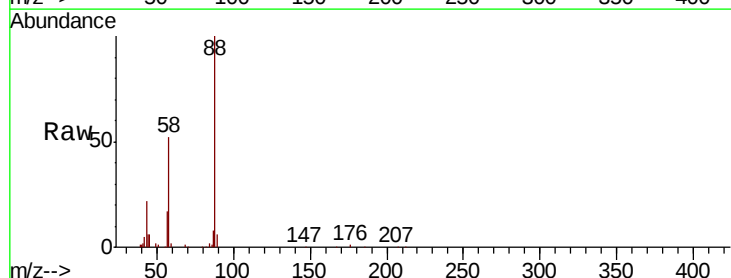
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



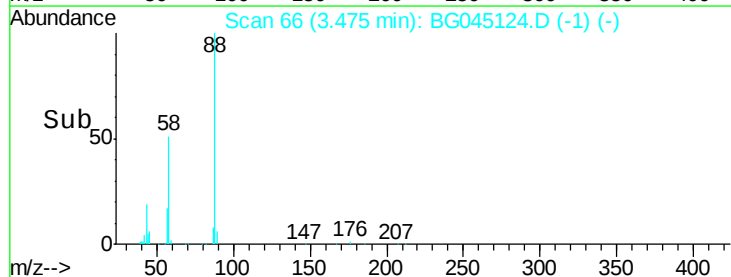
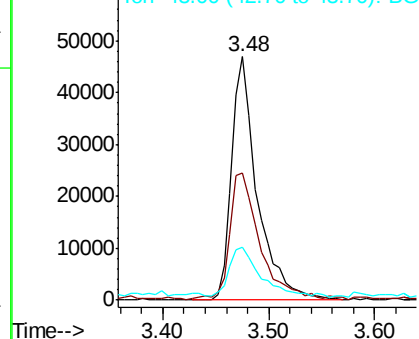
#2

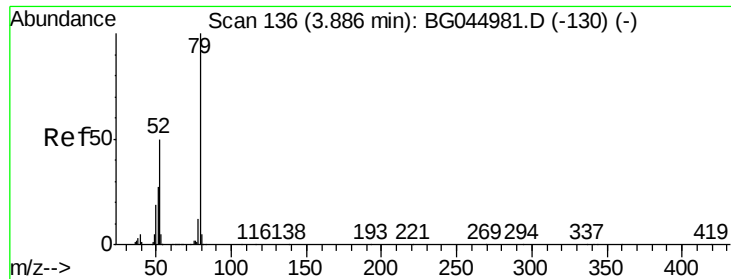
1,4-Dioxane
Concen: 34.445 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.01 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	46.6	69.8
43	26.0	17.5	26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.314 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

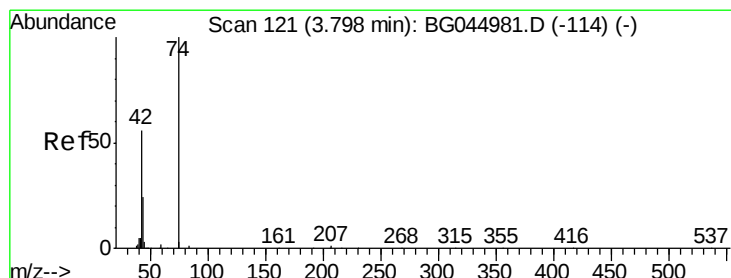
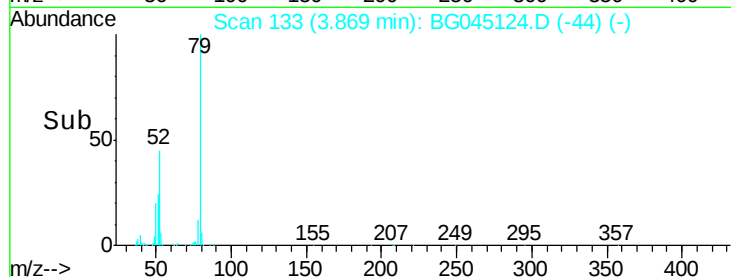
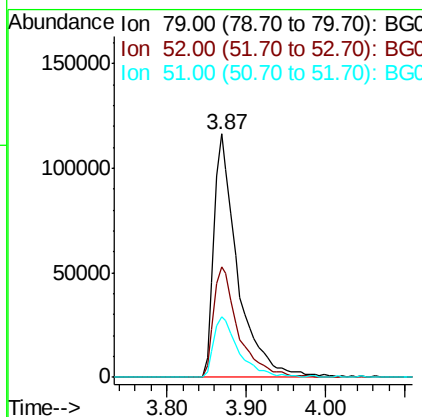
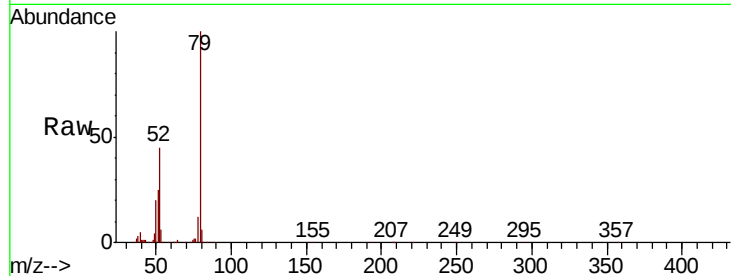
ClientSampleId :

PB128381BS

Tot Ion:	79	Resp:	241752
Ion Ratio	Lower	Upper	
79	100		
52	45.3	39.8	59.6
51	24.8	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 47.845 ng

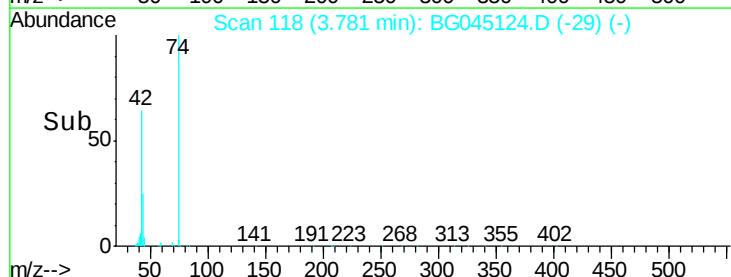
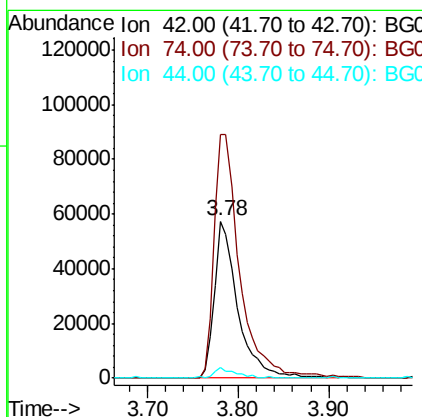
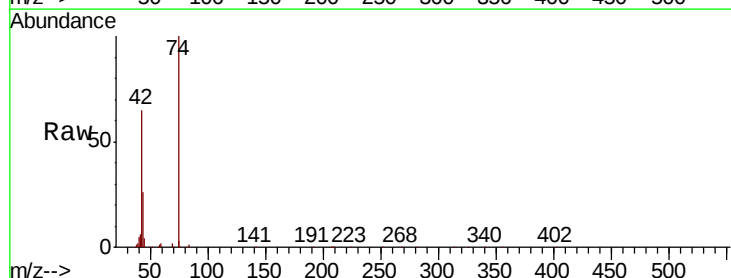
RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	42	Resp:	103260
Ion Ratio	Lower	Upper	
42	100		
74	155.0	143.0	214.6
44	6.6	4.6	6.8





#5

2-Fluorophenol

Concen: 148.672 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

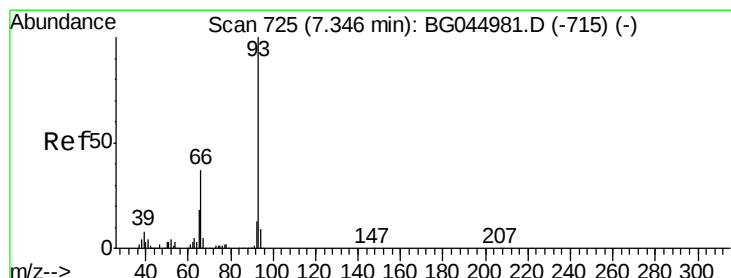
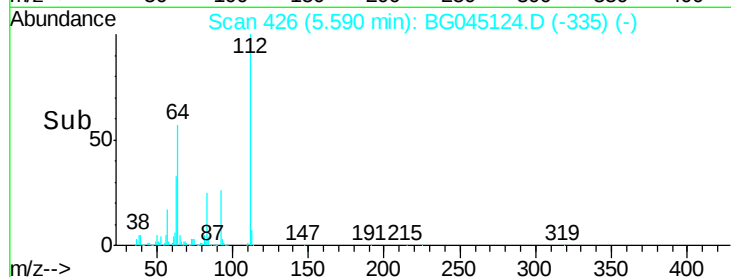
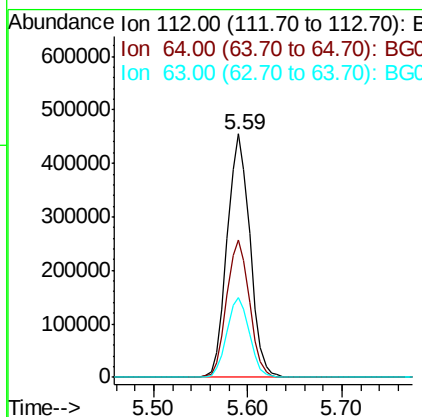
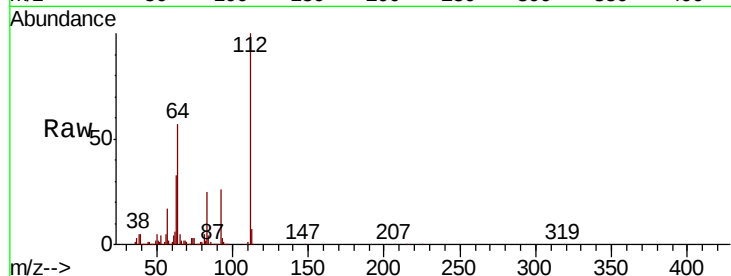
ClientSampleId :

PB128381BS

Tot Ion:	112	Resp:	765473
Ion Ratio	Lower	Upper	
112	100		
64	56.7	42.4	63.6
63	32.8	23.1	34.7

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#6

Aniline

Concen: 44.968 ng

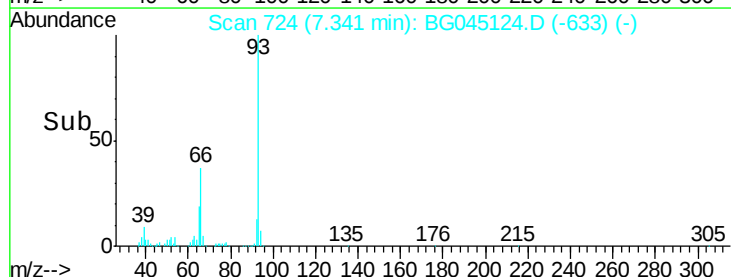
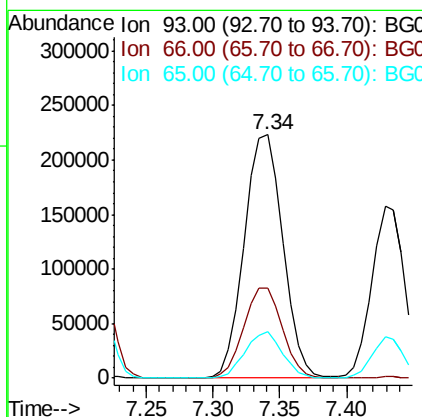
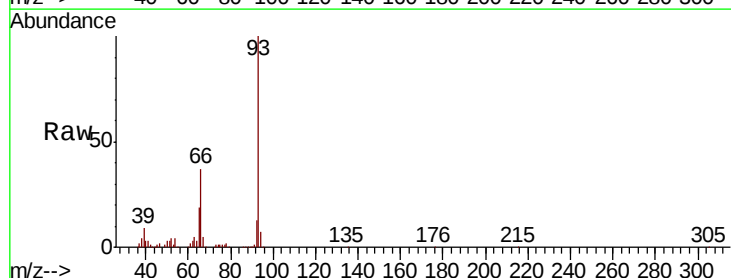
RT: 7.34 min Scan# 724

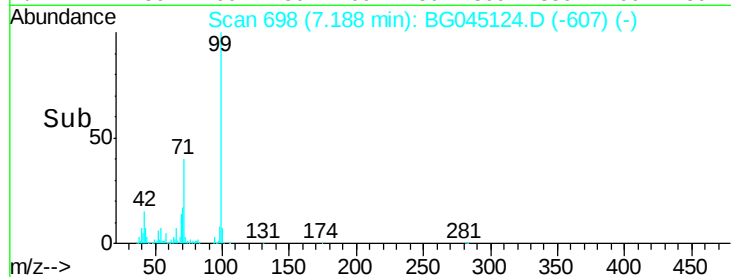
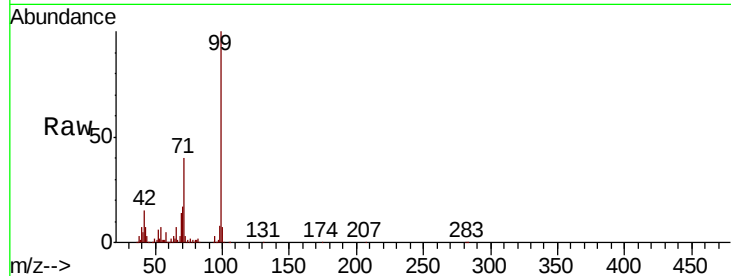
Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	93	Resp:	447257
Ion Ratio	Lower	Upper	
93	100		
66	37.1	29.8	44.8
65	19.0	14.6	22.0





#7

Phenol-d6

Concen: 146.589 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tot Ion:	99	Resp:	1121370
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.3	16.9
71	40.1	28.3	42.5

Instrument :

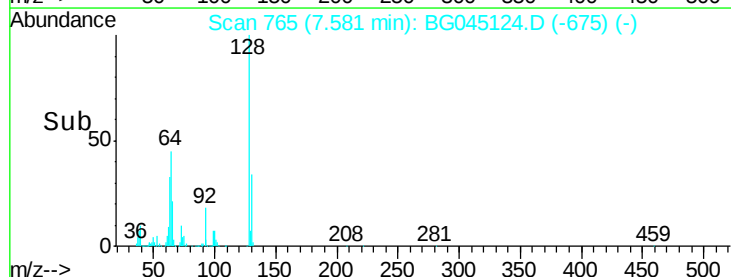
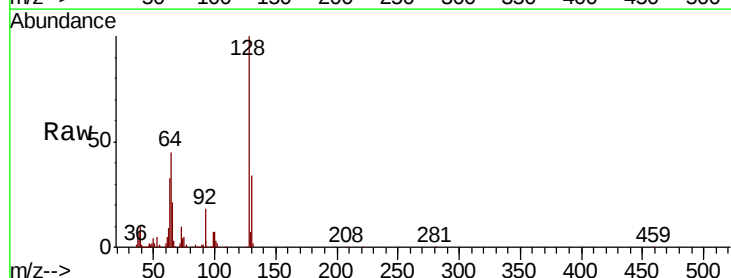
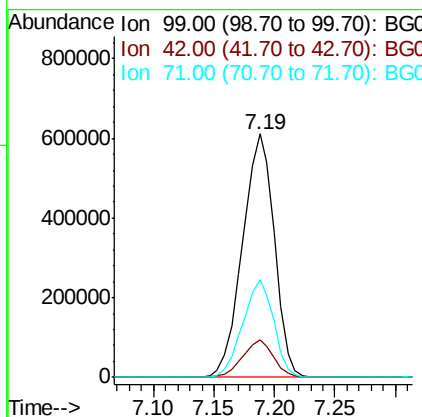
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#8

2-Chlorophenol

Concen: 53.969 ng

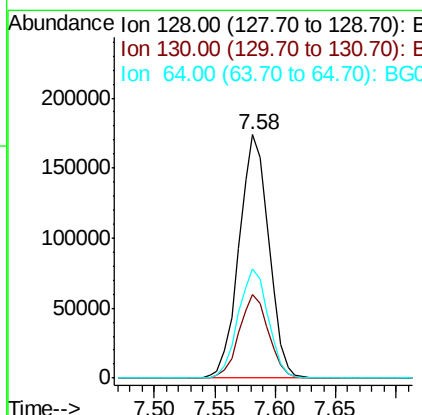
RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	128	Resp:	298637
Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.3	52.3
64	44.6	24.4	64.4





#9

Benzaldehyde

Concen: 28.001 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

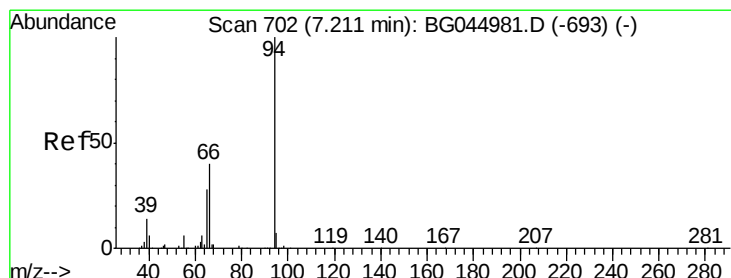
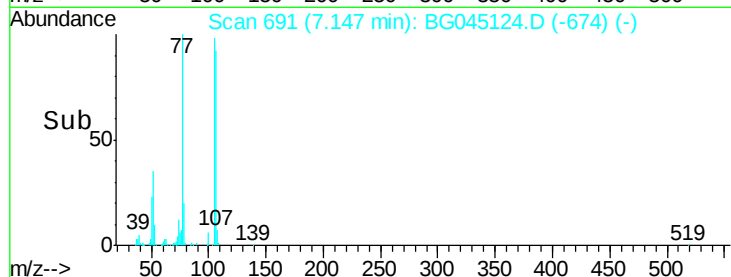
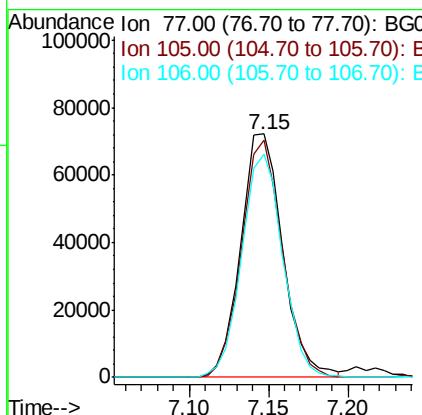
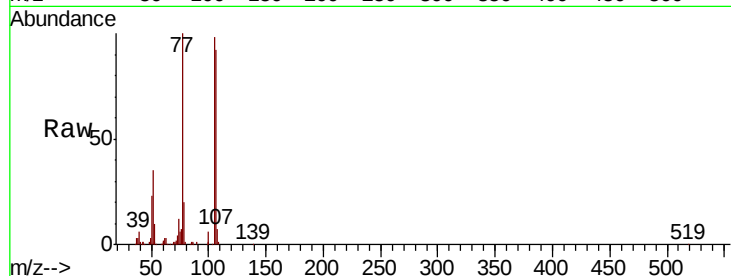
ClientSampleId :

PB128381BS

Tot Ion:	77	Resp:	133399
Ion	Ratio	Lower	Upper
77	100		
105	97.6	72.9	112.9
106	91.7	67.6	107.6

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#10

Phenol

Concen: 54.314 ng

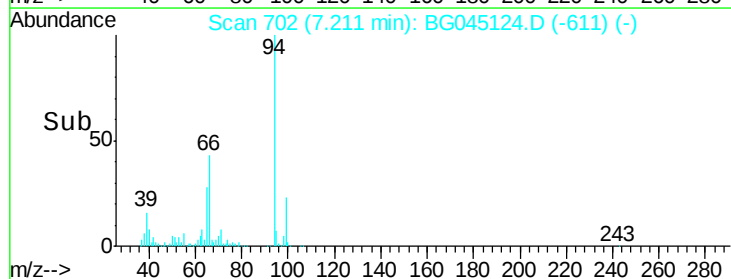
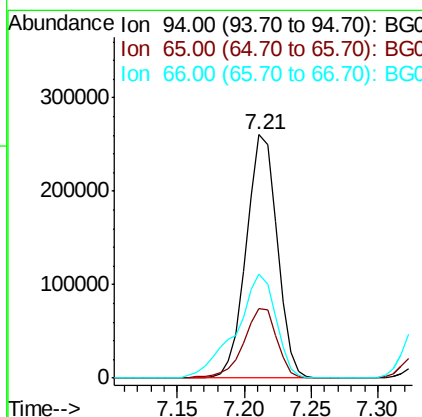
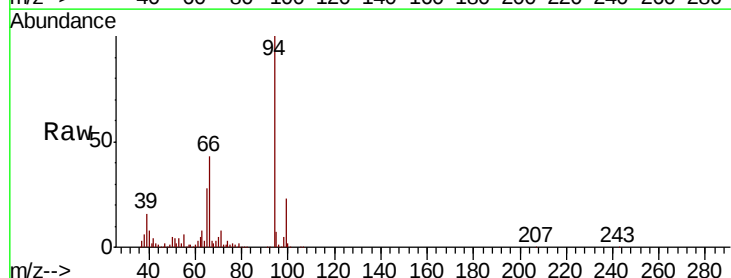
RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	94	Resp:	415771
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.2	48.2
66	42.8	20.4	60.4





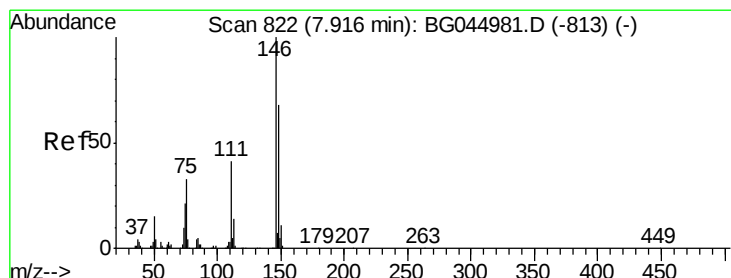
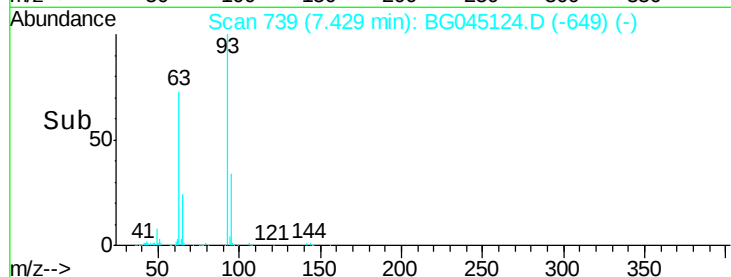
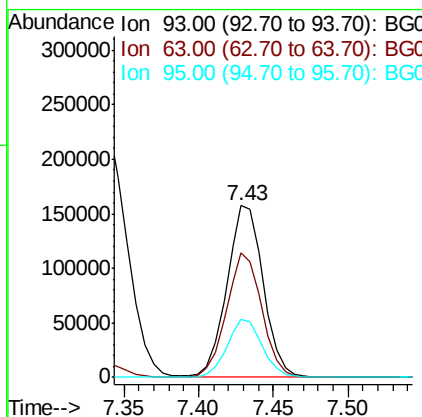
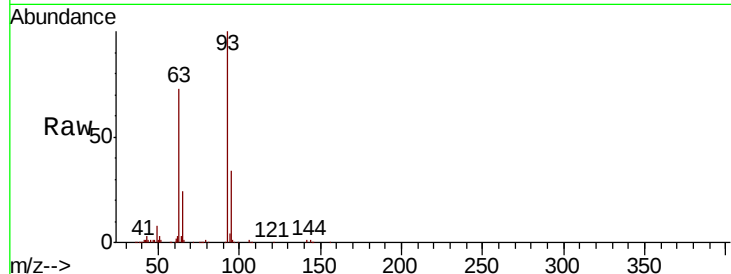
#11
bis(2-Chloroethyl)ether
Concen: 43.727 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	93	Resp	266507
Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.8	91.8
95	33.7	13.8	53.8

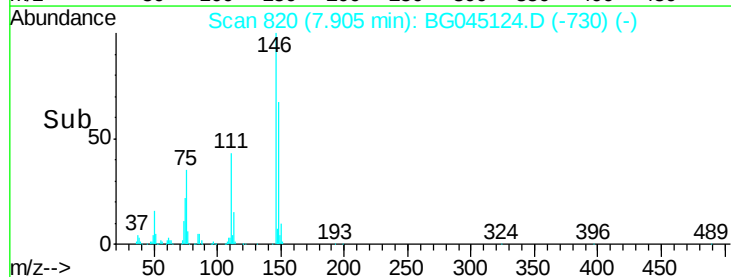
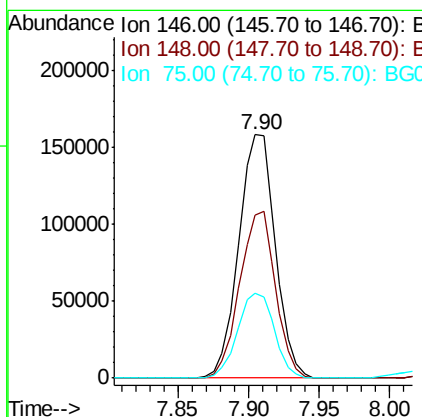
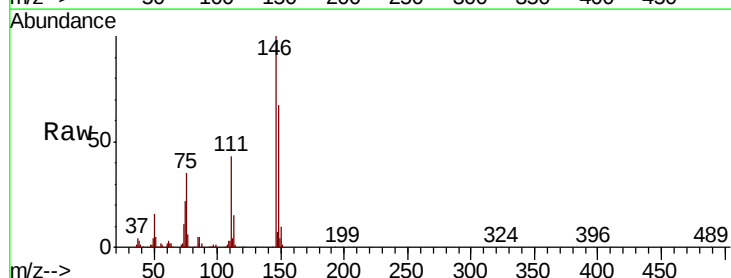
Manual Integrations
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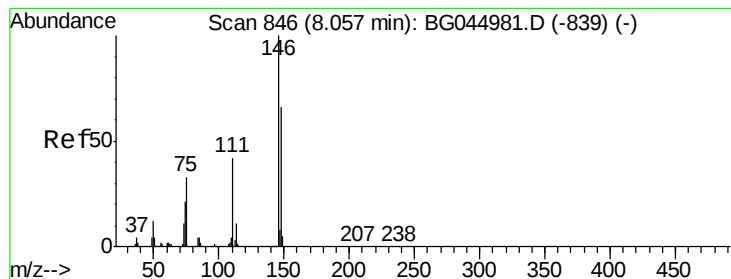
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.937 ng
RT: 7.90 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	146	Resp	286494
Ion	Ratio	Lower	Upper
146	100		
148	66.7	54.6	81.8
75	35.1	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 44.506 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

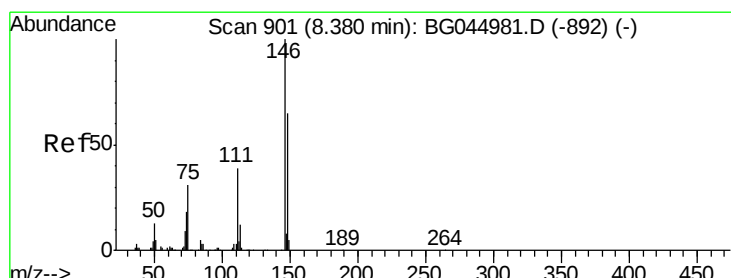
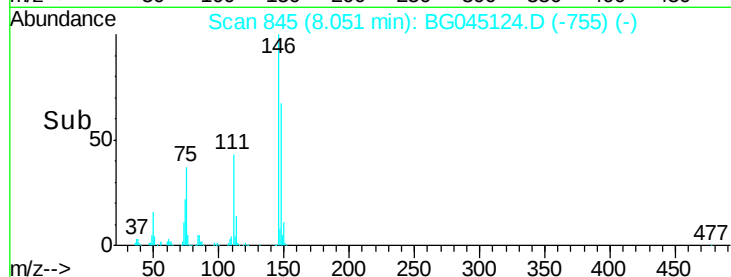
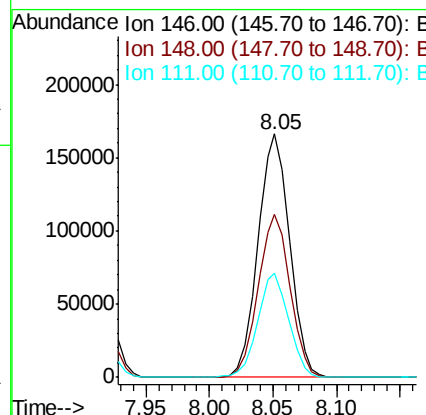
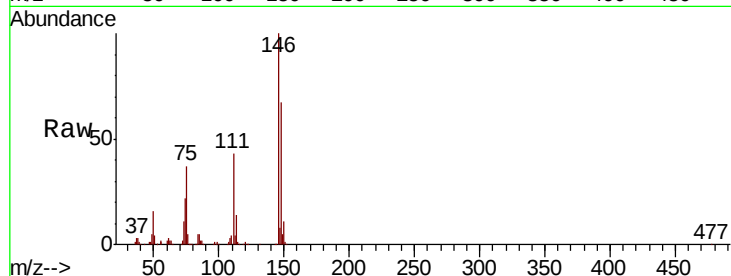
ClientSampleId :

PB128381BS

Tot Ion:	146	Resp:	289169
Ion Ratio	Lower	Upper	
146	100		
148	66.8	53.3	79.9
111	42.7	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 44.424 ng

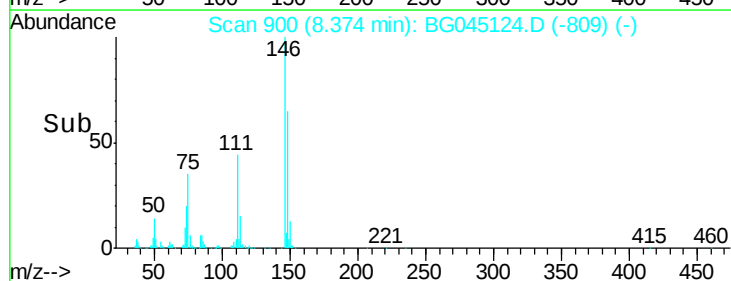
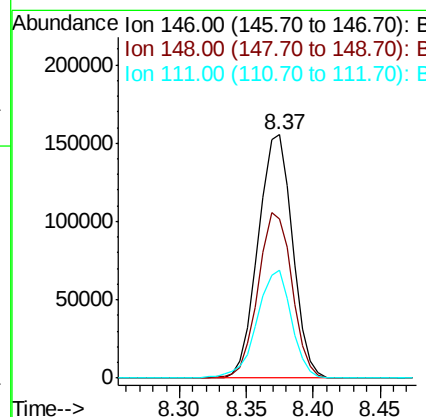
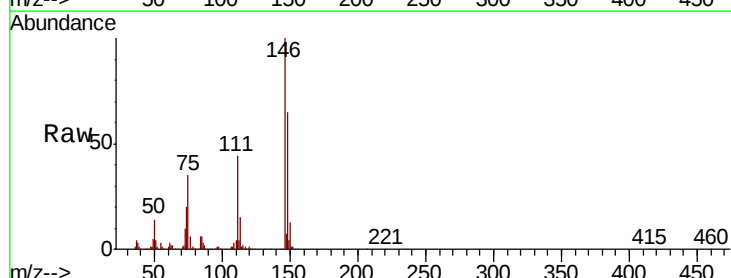
RT: 8.37 min Scan# 900

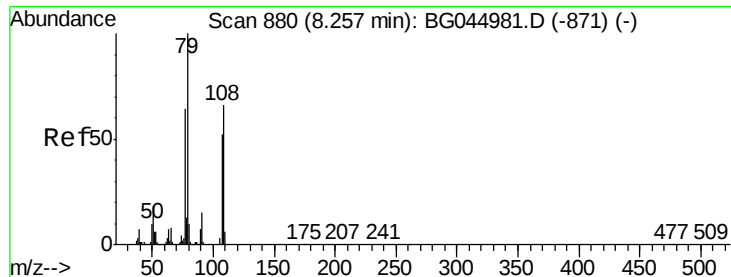
Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	146	Resp:	276131
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
111	44.2	31.3	46.9





#15

Benzyl Alcohol

Concen: 50.514 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

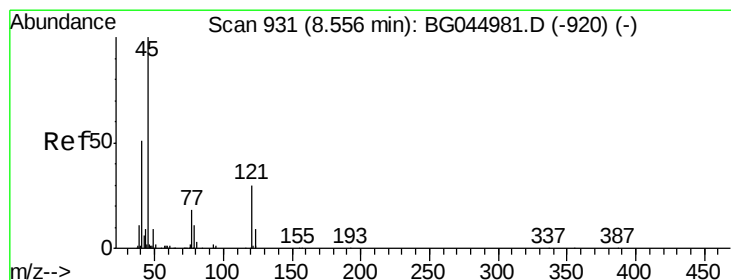
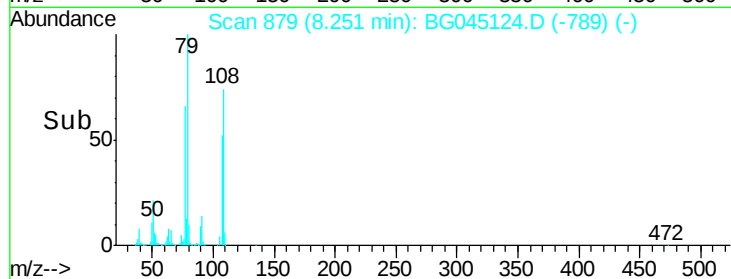
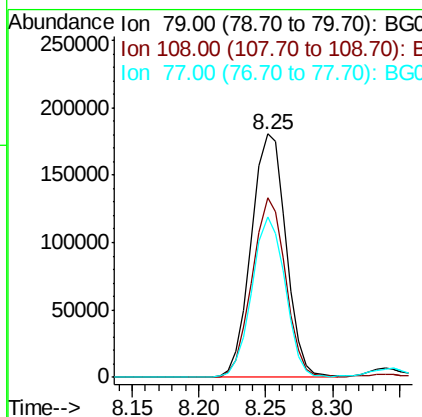
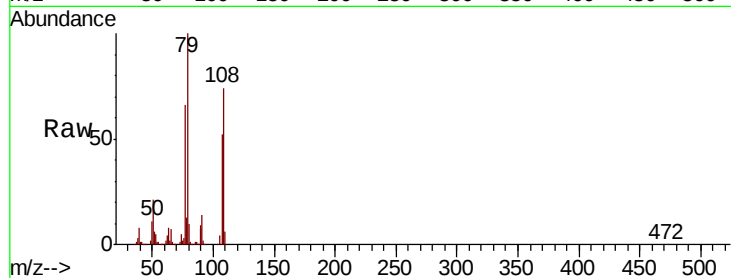
ClientSampleId :

PB128381BS

Tot Ion:	79	Resp:	323979
Ion	Ratio	Lower	Upper
79	100		
108	73.8	52.7	79.1
77	66.0	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.567 ng

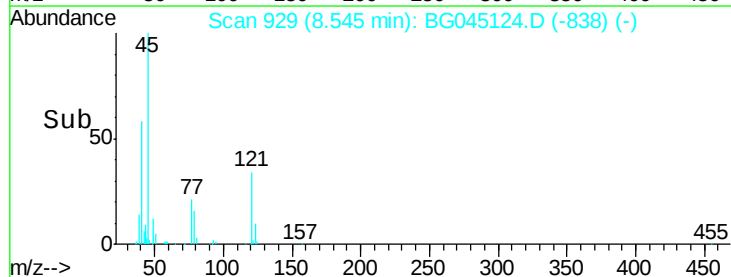
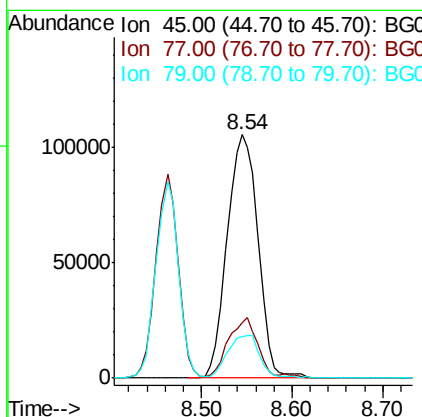
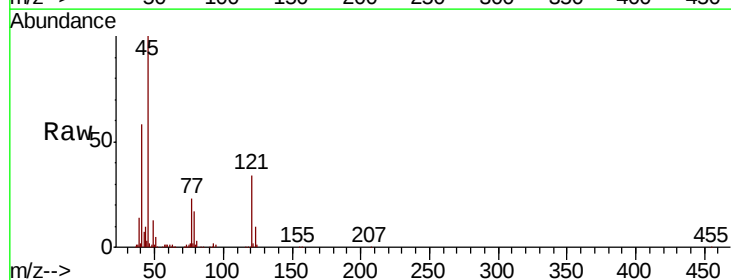
RT: 8.54 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	45	Resp:	248686
Ion	Ratio	Lower	Upper
45	100		
77	23.0	1.9	41.9
79	17.1	0.0	35.5





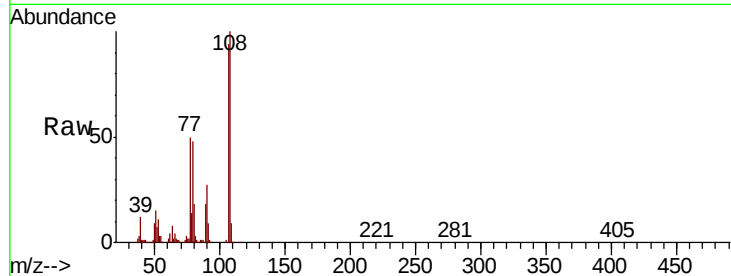
#17
2-Methylphenol
Concen: 49.393 ng
RT: 8.46 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.0	93.8	140.6	
77	53.2	38.5	57.7	
79	51.4	40.1	60.1	

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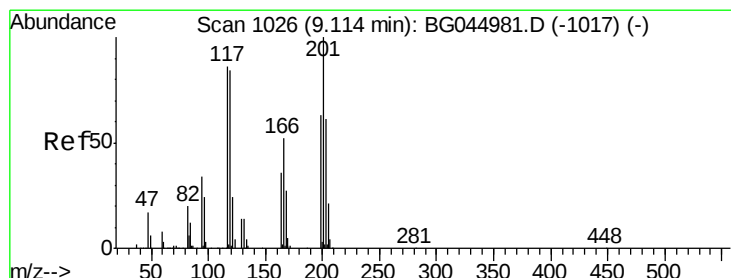
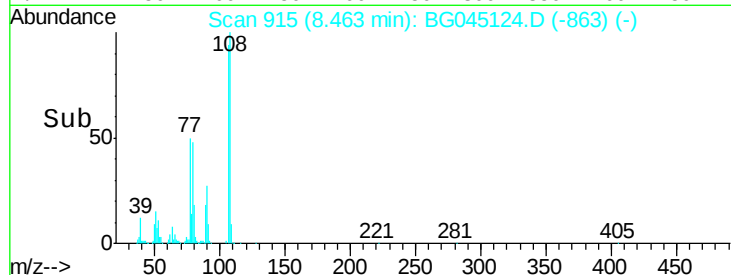
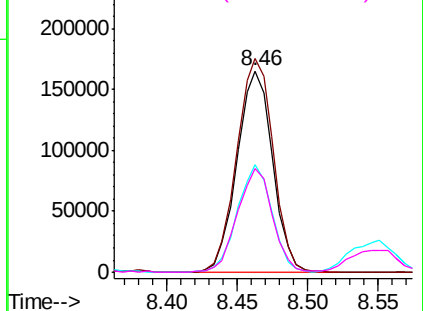
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

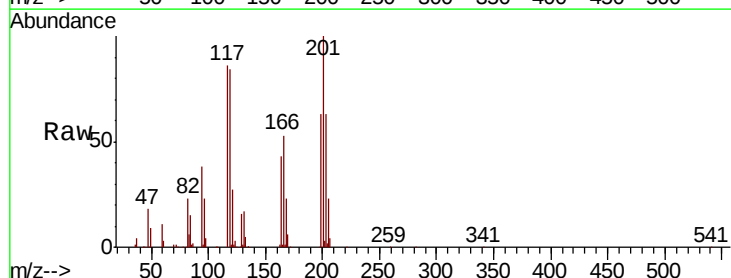
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.681 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	78.3	117.5	
201	116.5	92.9	139.3	

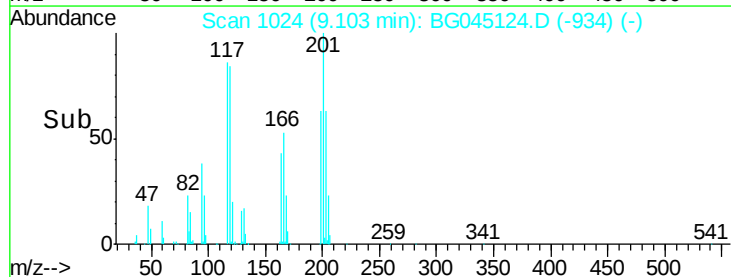
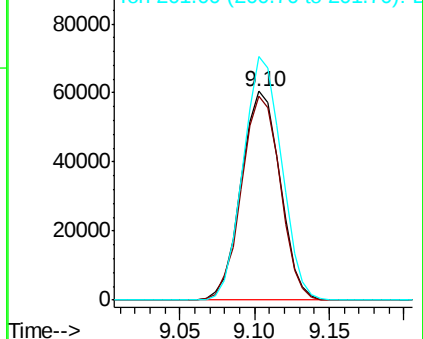


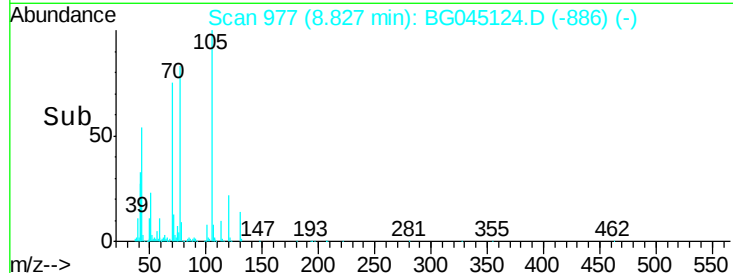
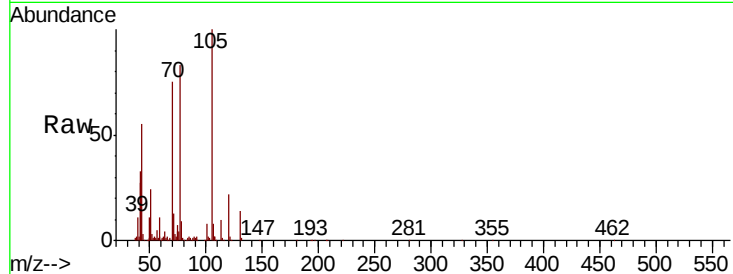
Abundance

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





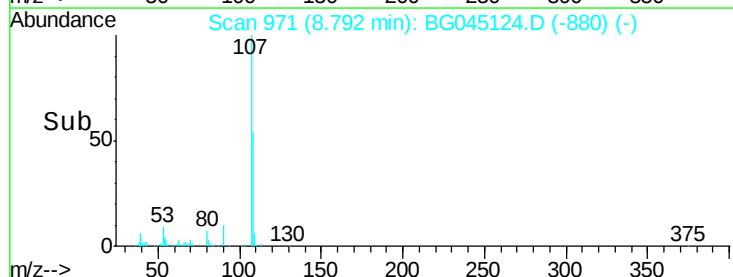
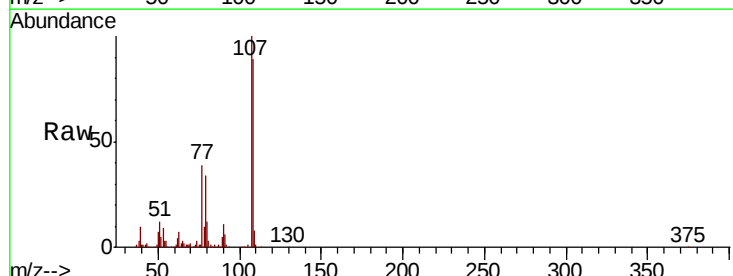
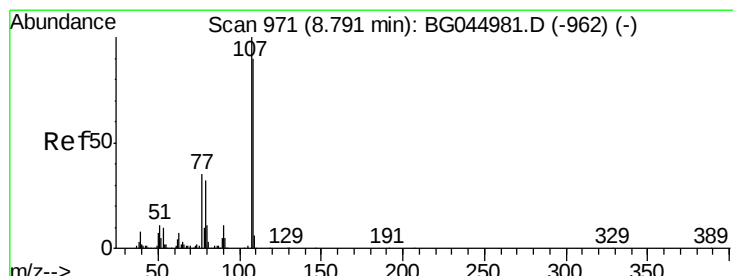
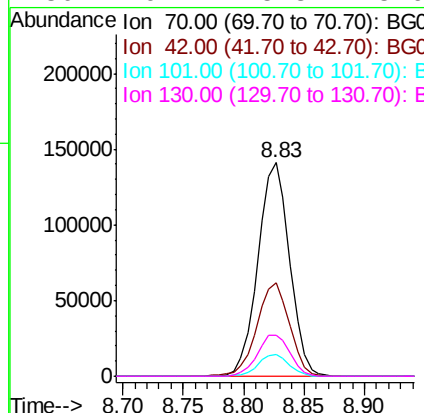
#19
n-Nitroso-di-n-propylamine
Concen: 47.250 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	44.0	33.3	49.9		
101	10.3	7.8	11.8		
130	19.1	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PB128381BS

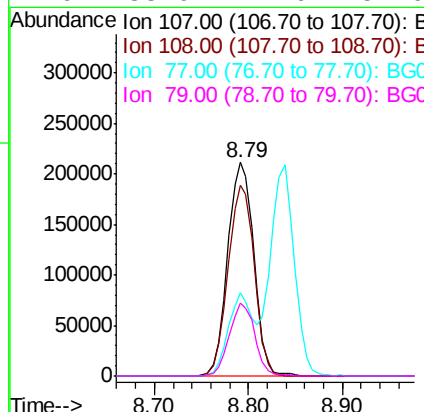
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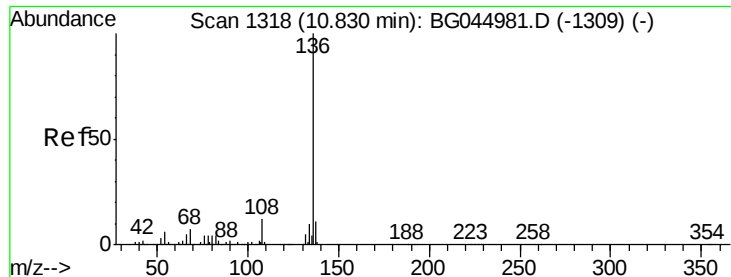
mohammad
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#20
3+4-Methylphenols
Concen: 49.169 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5	69.9	109.9		
77	39.1	15.2	55.2		
79	33.9	11.6	51.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

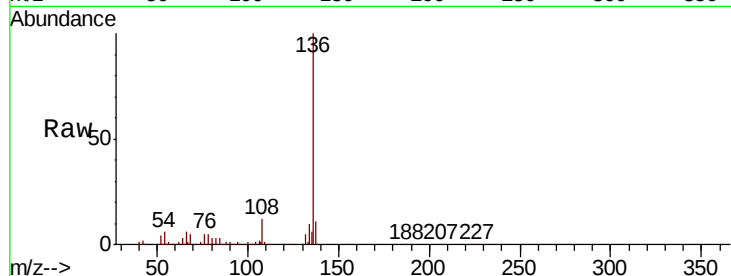
ClientSampleId :

PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375583		
137	10.9		8.6	13.0
54	6.2		4.8	7.2
68	5.4		5.2	7.8

Manual Integrations
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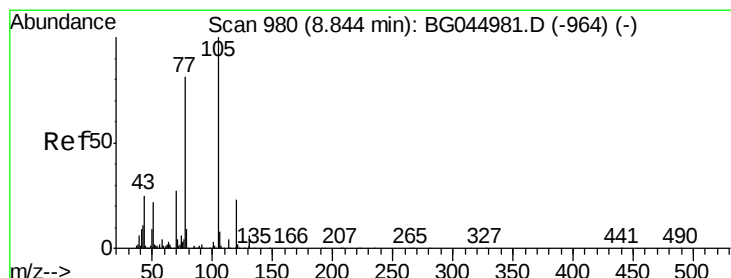
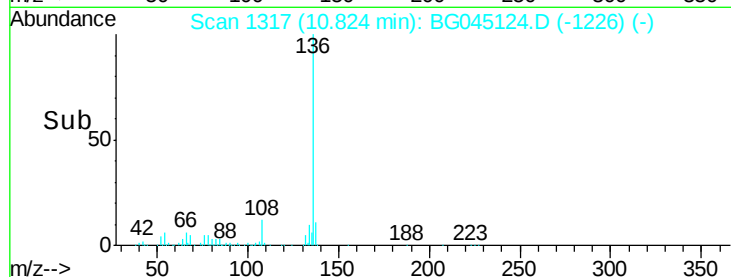
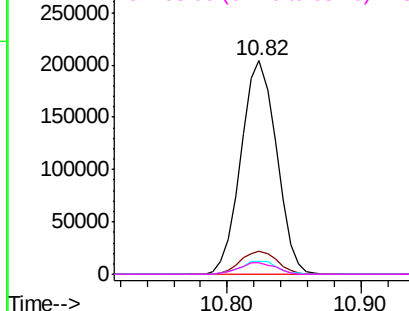
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.816 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465341		
71	4.7		3.3	4.9
51	21.8		17.3	25.9
120	21.1		18.4	27.6

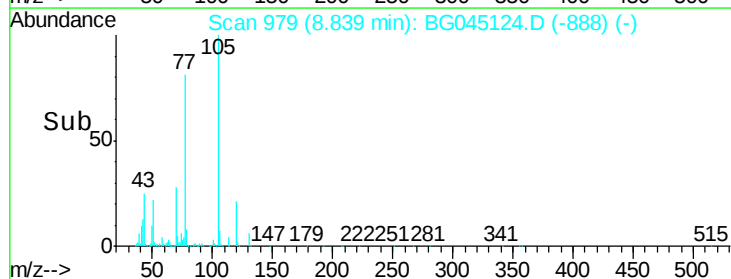
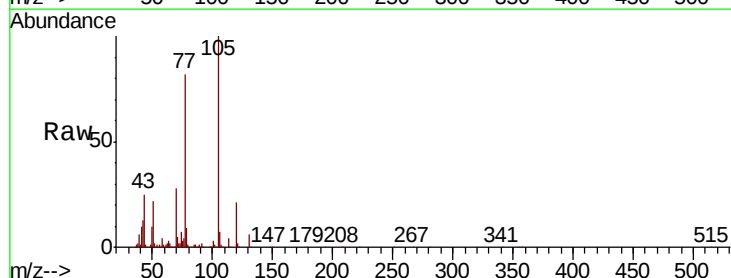
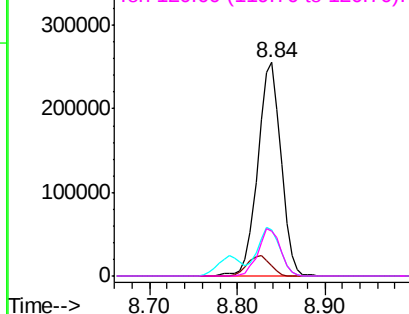
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





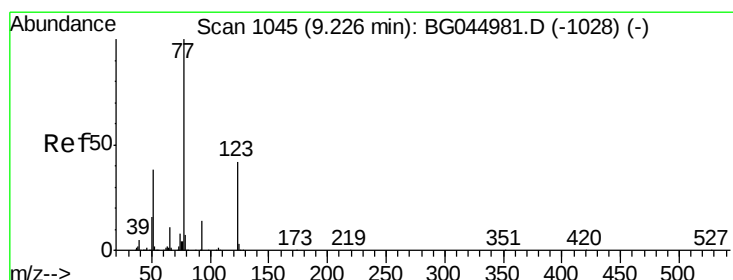
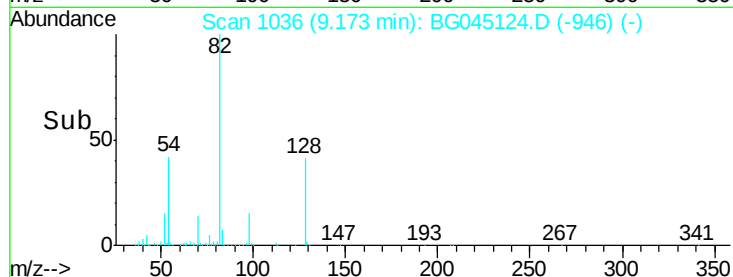
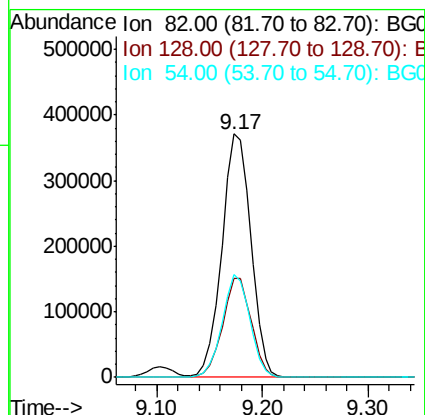
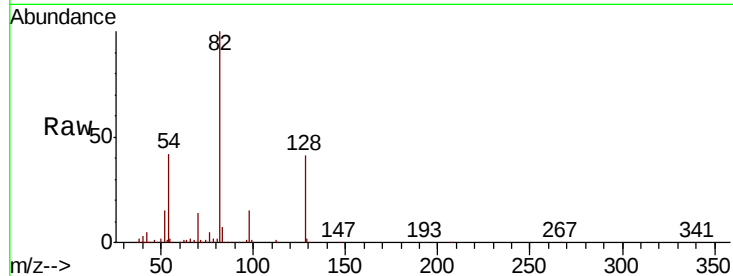
#23
 Nitrobenzene-d5
 Concen: 85.859 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.0	49.4
54	42.1	30.4	45.6

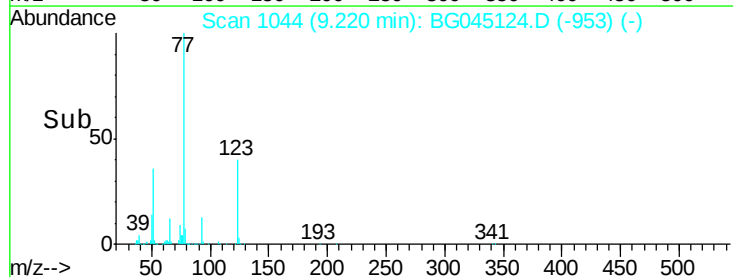
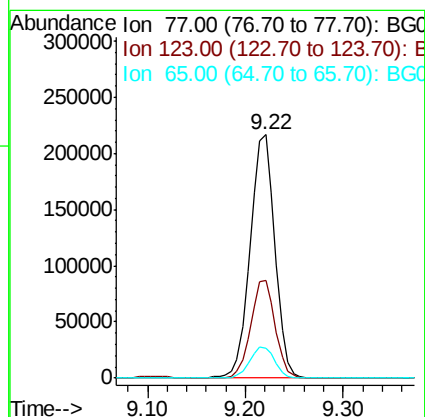
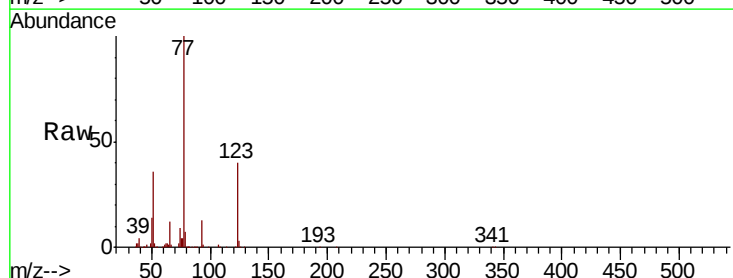
Manual Integrations
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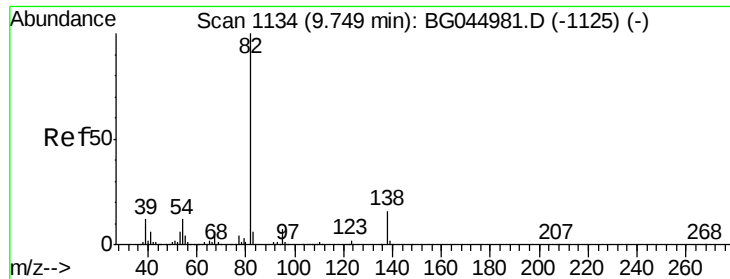
mohammad
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#24
 Nitrobenzene
 Concen: 45.637 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	34.3	51.5
65	12.2	8.9	13.3





#25

Isophorone

Concen: 44.133 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

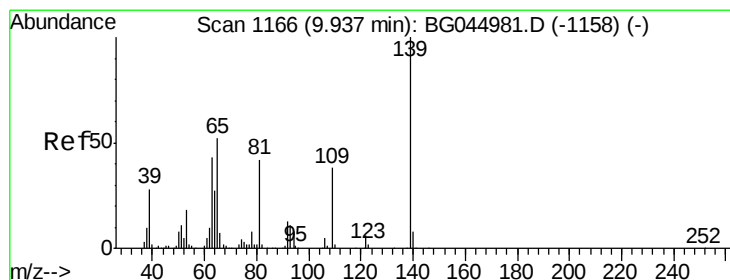
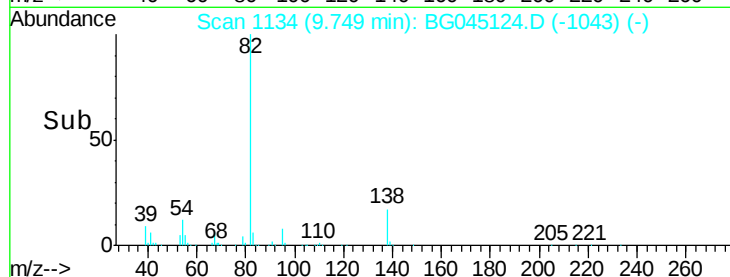
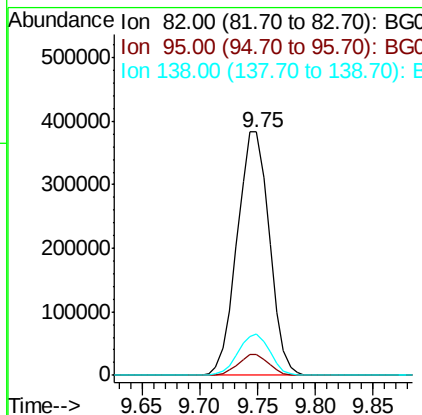
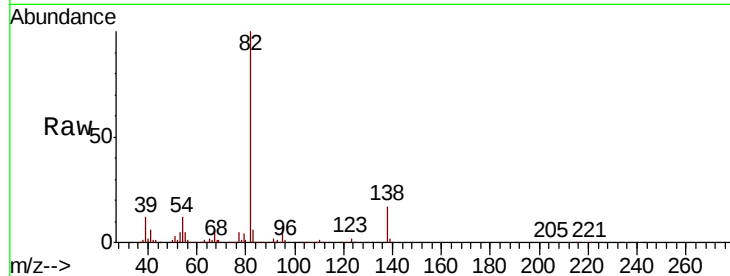
ClientSampleId :

PB128381BS

Tot Ion	82	Resp	743925
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.0	9.0
138	16.9	12.7	19.1

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#26

2-Nitrophenol

Concen: 49.706 ng

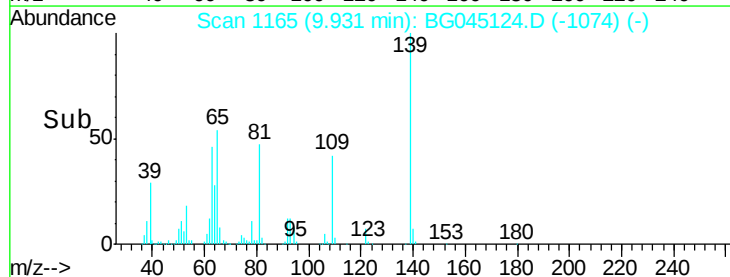
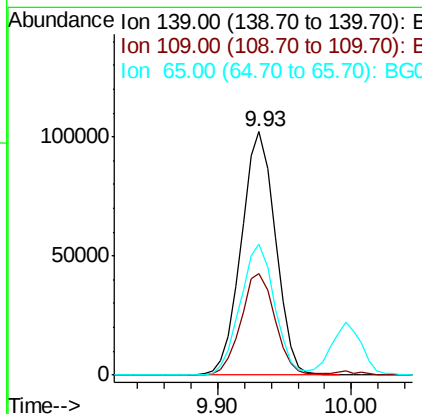
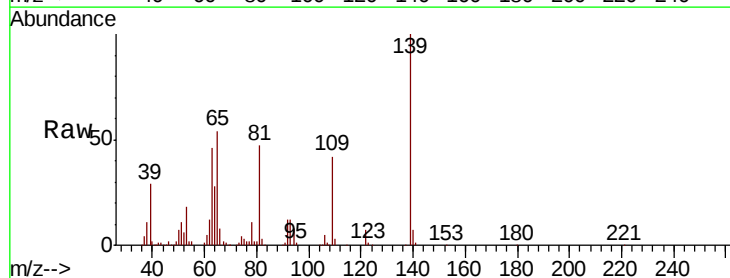
RT: 9.93 min Scan# 1165

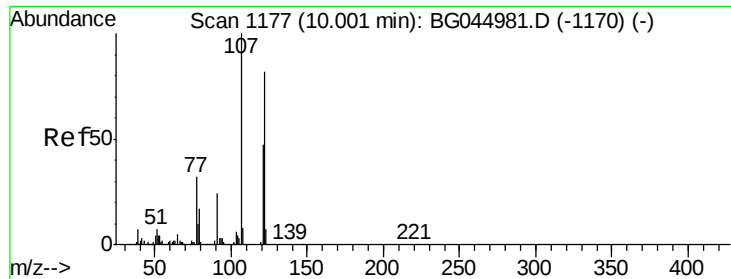
Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion	139	Resp	180649
Ion Ratio	Lower	Upper	
139	100		
109	41.5	30.6	45.8
65	53.8	41.8	62.6





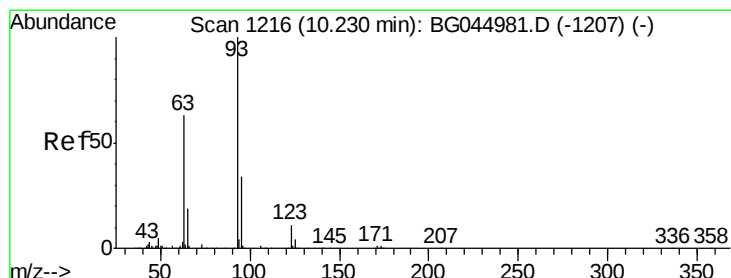
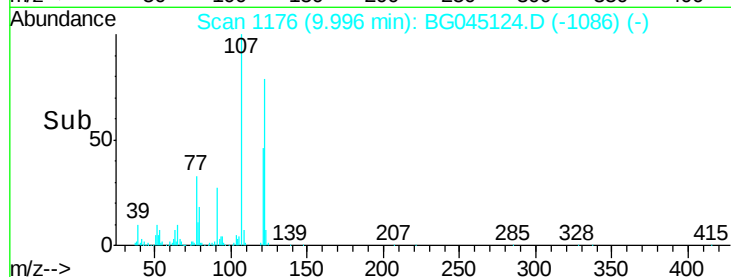
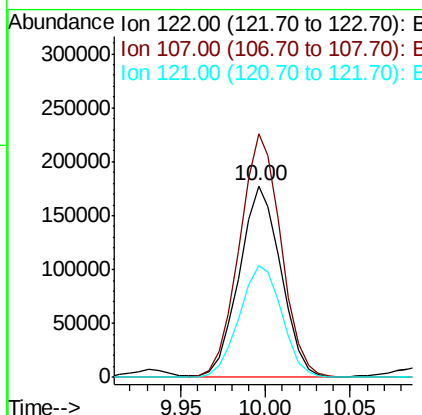
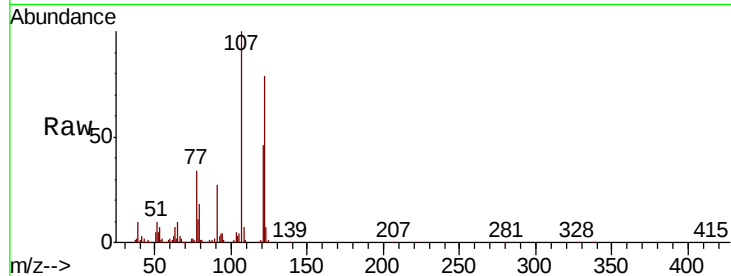
#27
2,4-Dimethylphenol
Concen: 52.436 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	302385		
107	127.1	96.8	145.2	
121	58.1	45.6	68.4	

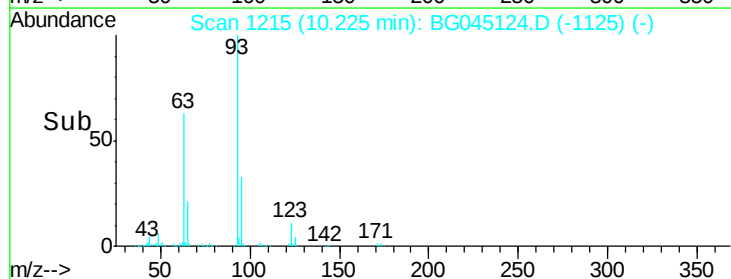
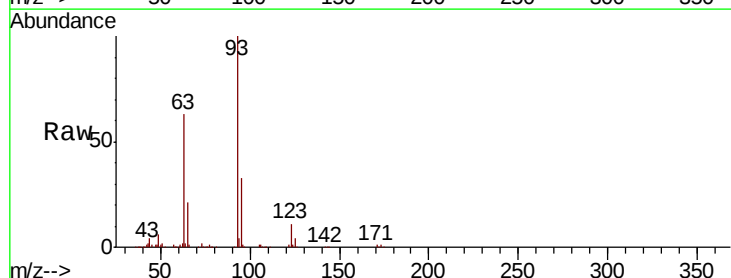
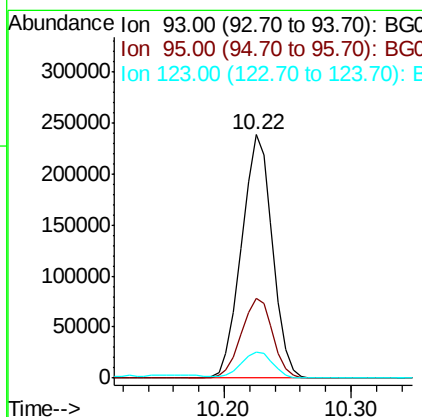
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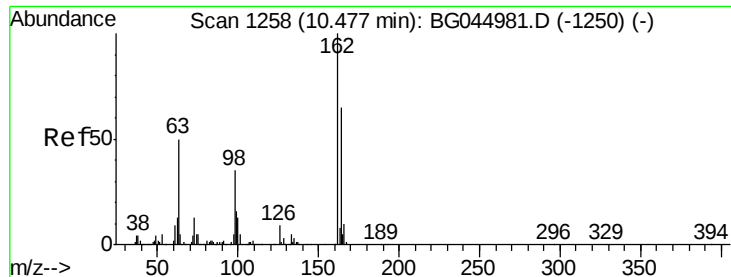
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#28
bis(2-Chloroethoxy)methane
Concen: 45.346 ng
RT: 10.22 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	401617		
95	33.0	27.0	40.4	
123	10.9	8.7	13.1	





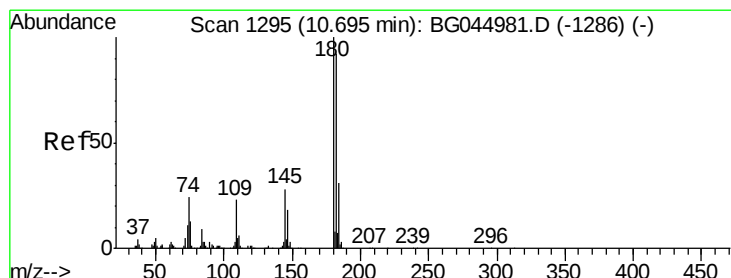
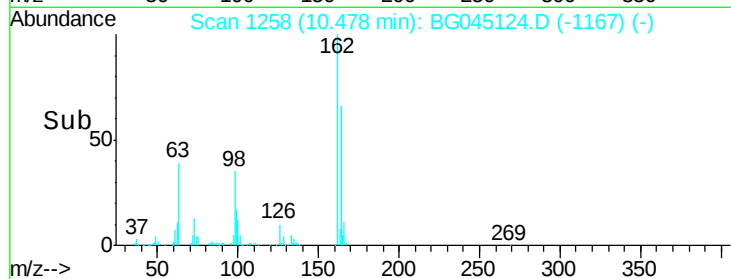
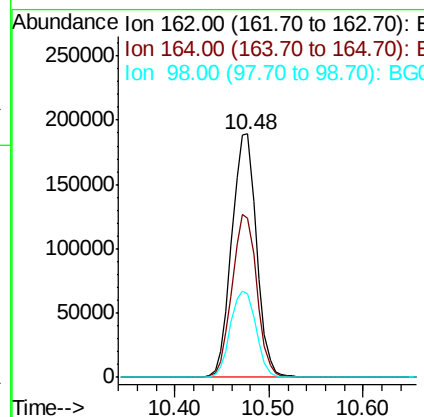
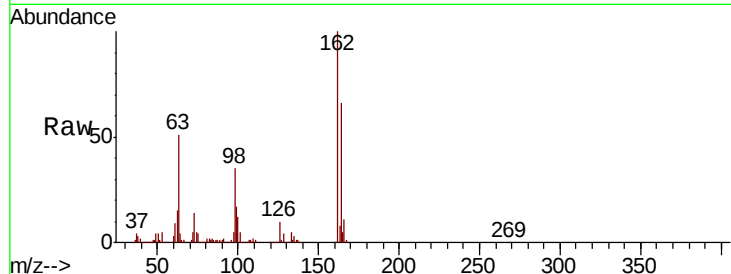
#29
2,4-Dichlorophenol
Concen: 52.163 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	347339		
164	65.5	45.0	85.0	
98	34.6	15.2	55.2	

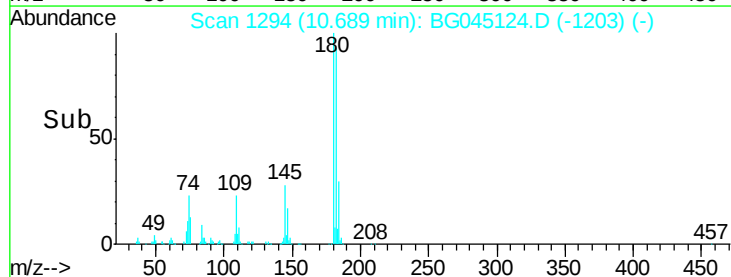
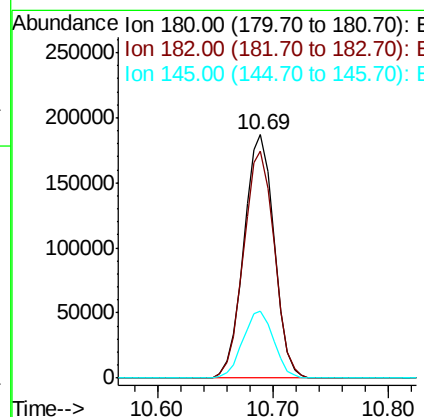
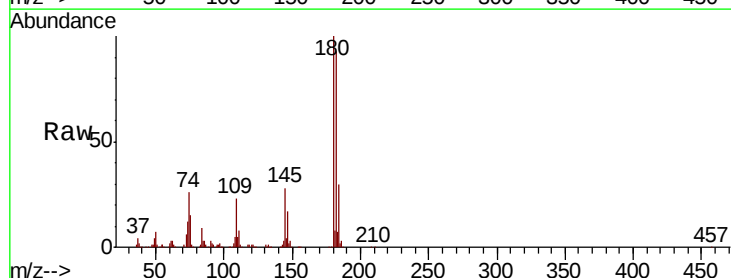
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#30
1,2,4-Trichlorobenzene
Concen: 44.979 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	339098		
182	93.3	73.3	109.9	
145	27.7	22.6	33.8	





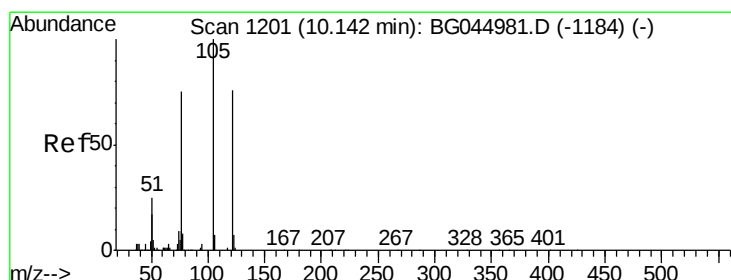
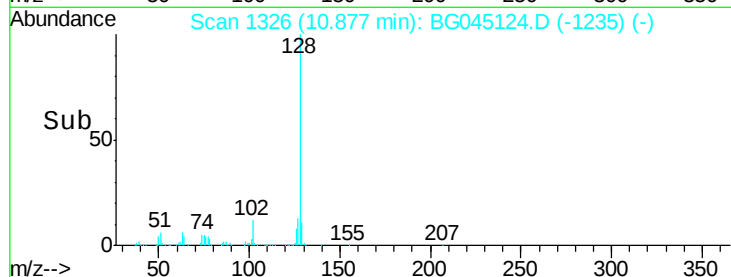
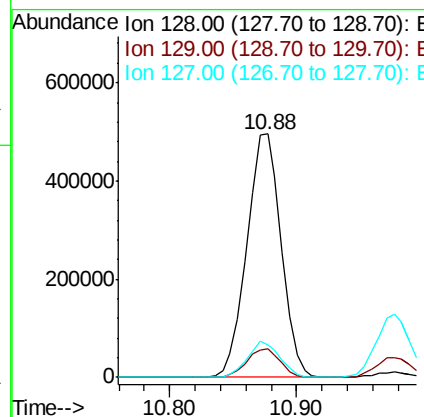
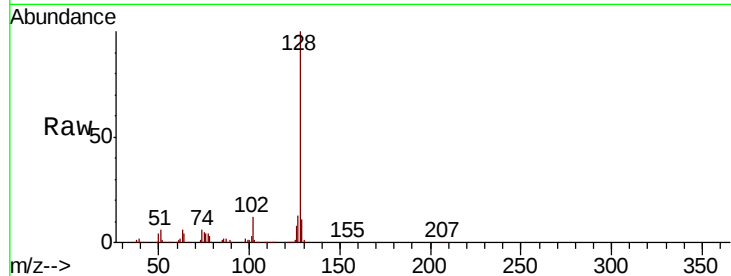
#31
Naphthalene
Concen: 45.207 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.4	10.8	16.2

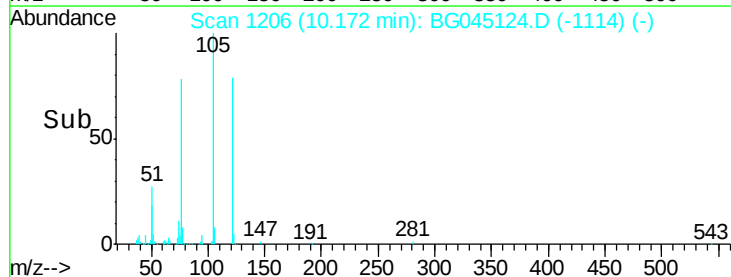
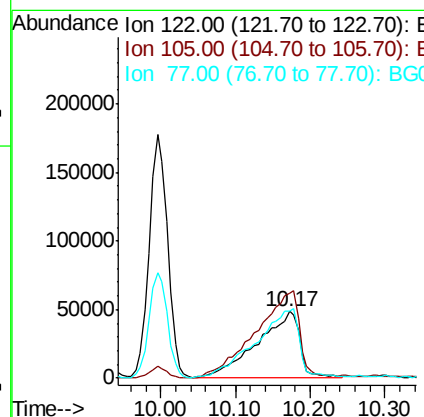
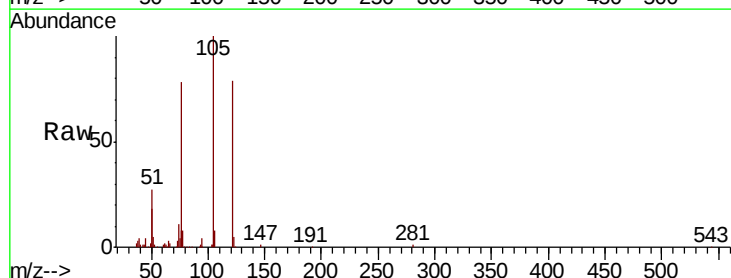
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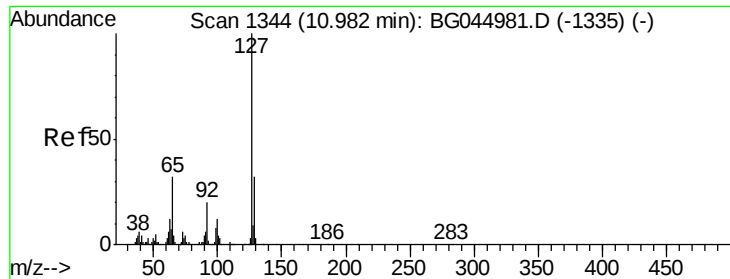
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#32
Benzoic acid
Concen: 41.062 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	108.4	148.4
77	99.6	78.8	118.8





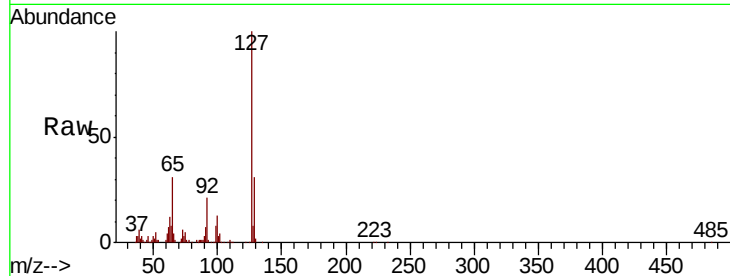
#33
4-Chloroaniline
Concen: 25.076 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

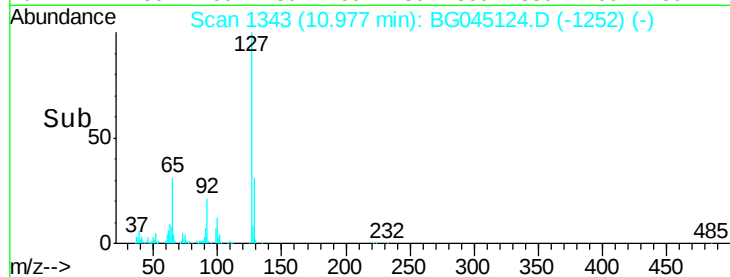
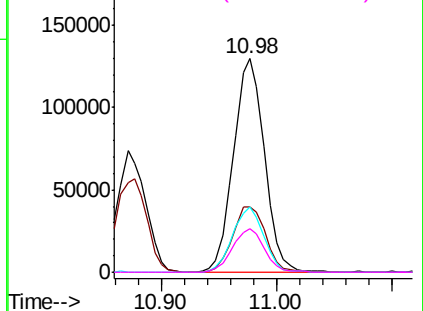
Tot Ion	Ratio	Resp	Lower	Upper
127	100	240283		
129	30.7		25.7	38.5
65	30.6		25.4	38.2
92	20.5		16.1	24.1

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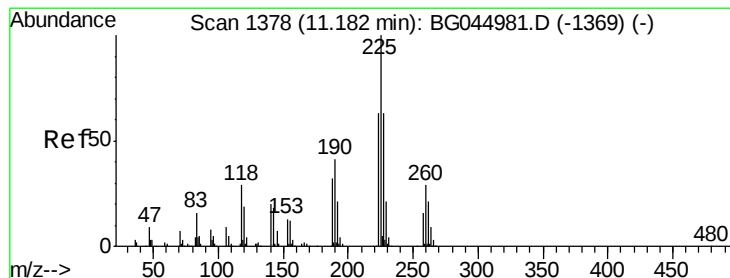


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

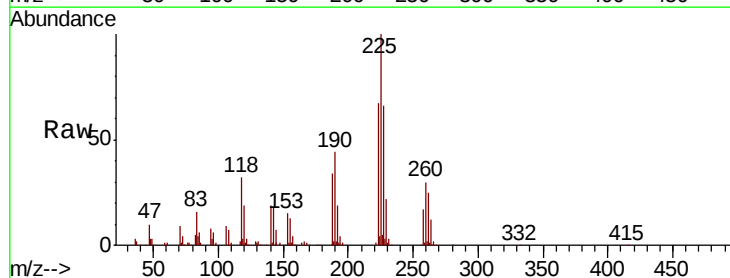
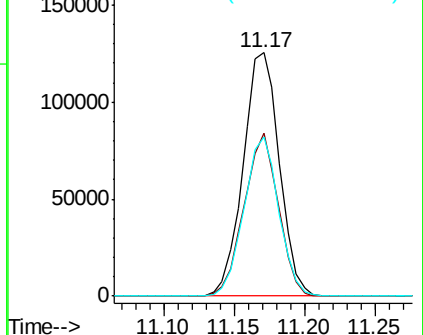


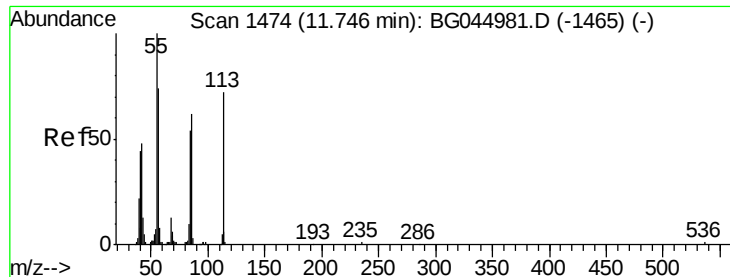
#34
Hexachlorobutadiene
Concen: 43.624 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	225488		
223	66.8		50.7	76.1
227	65.5		50.2	75.2



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





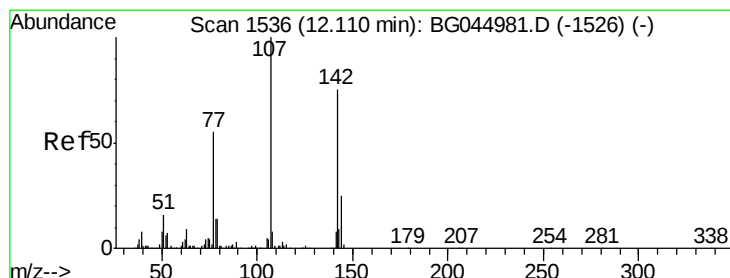
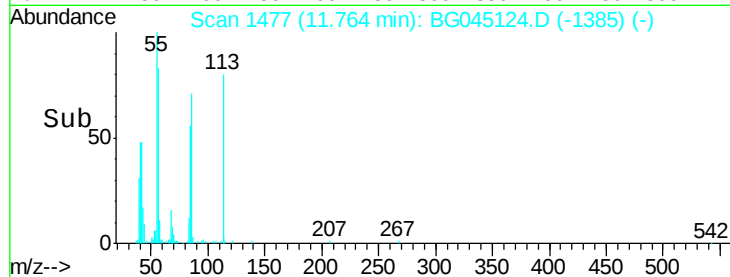
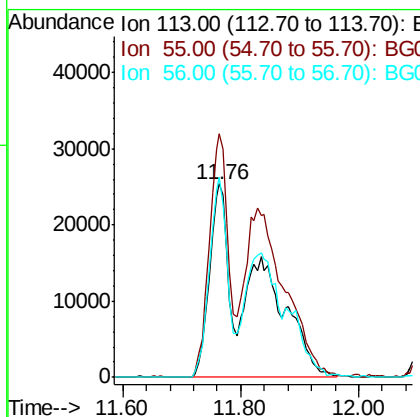
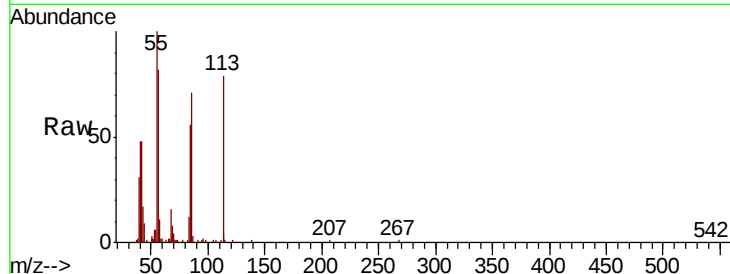
#35
 Caprolactam
 Concen: 49.560 ng/ml
 RT: 11.76 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	126.1		118.8	158.8	
56	103.9		82.6	122.6	

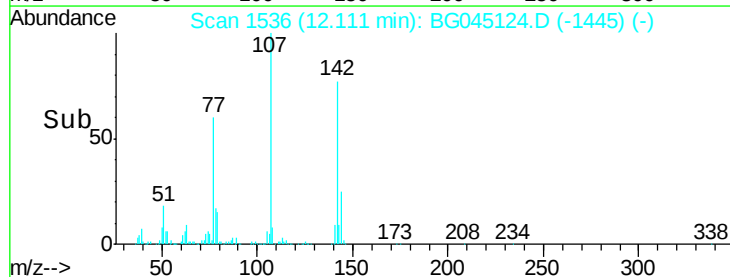
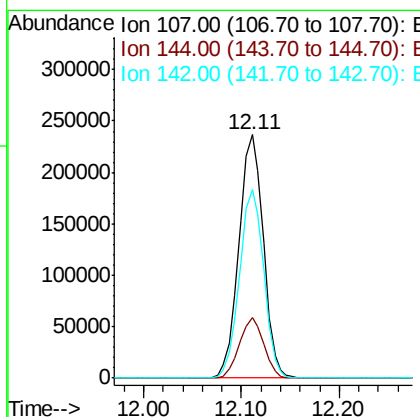
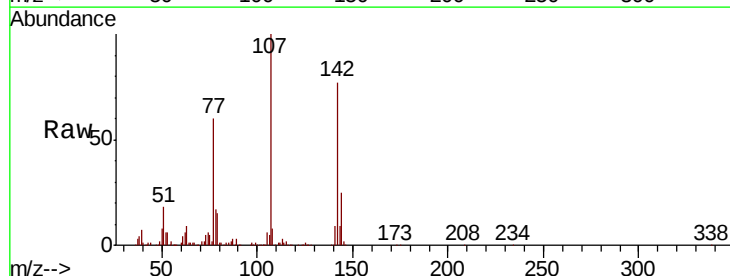
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#36
 4-Chloro-3-methylphenol
 Concen: 52.661 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.8		19.8	29.6	
142	77.3		59.7	89.5	





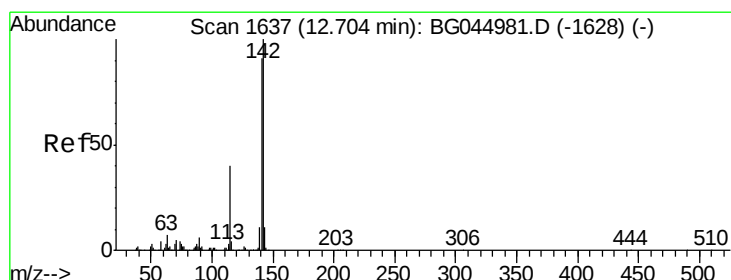
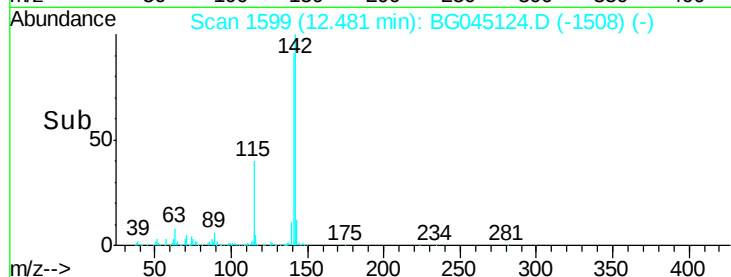
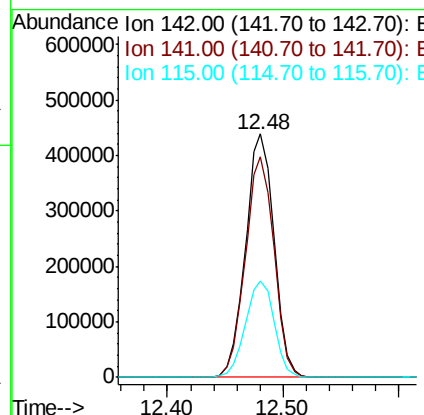
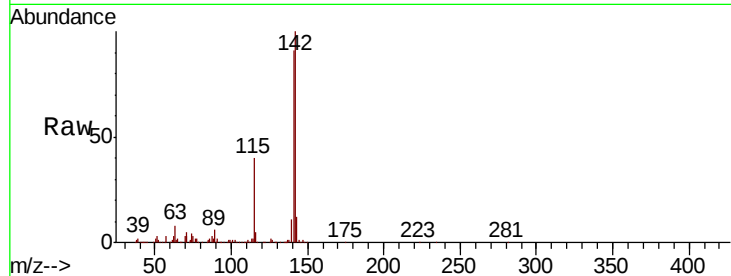
#37
2-Methylnaphthalene
Concen: 47.136 ng
RT: 12.48 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5
115	39.5	29.8	44.6

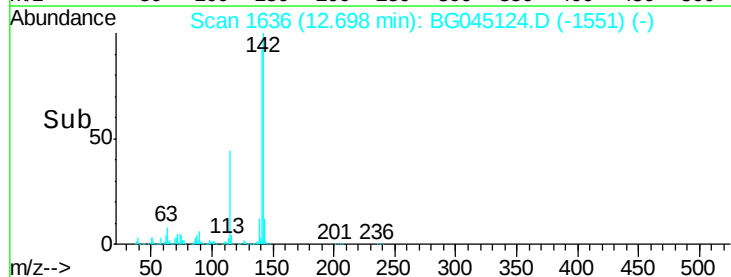
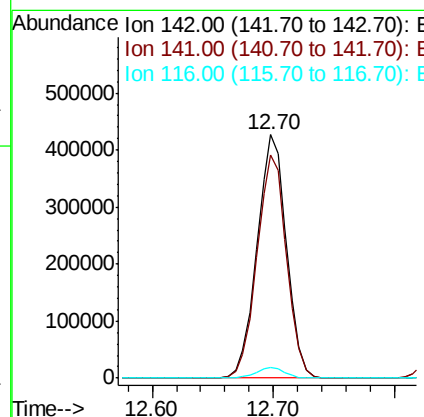
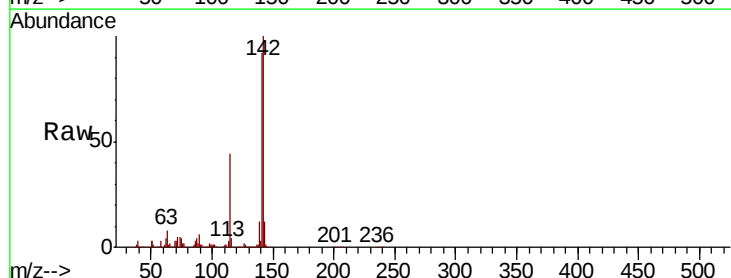
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#38
1-Methylnaphthalene
Concen: 47.926 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	4.4	3.1	4.7





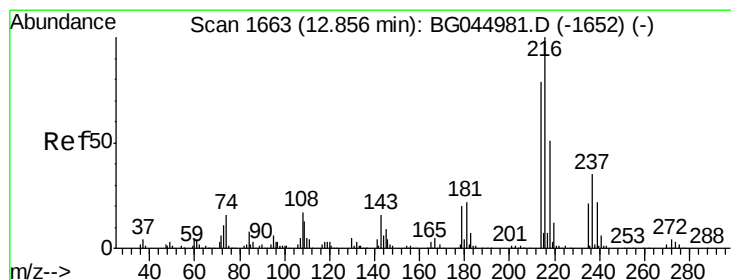
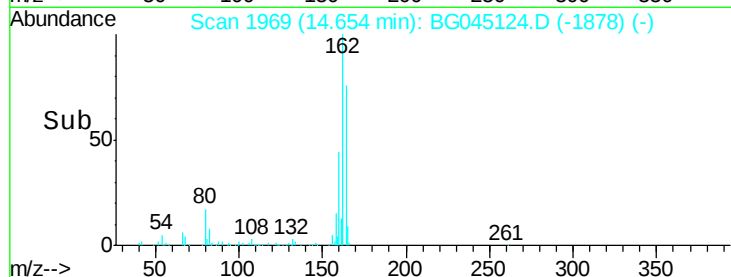
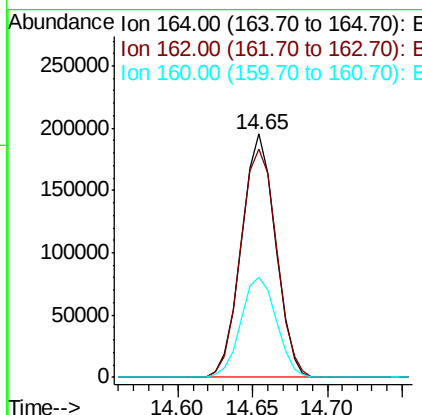
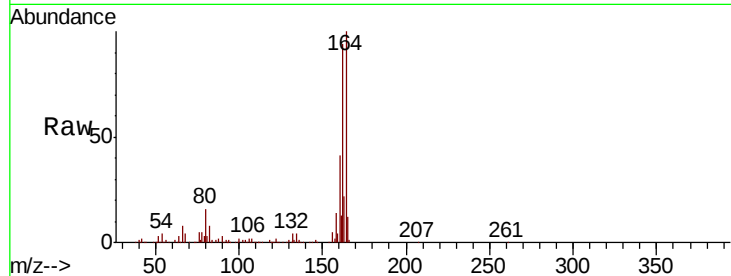
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleID :
PB128381BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	93.8	78.7	118.1
160	41.4	32.8	49.2

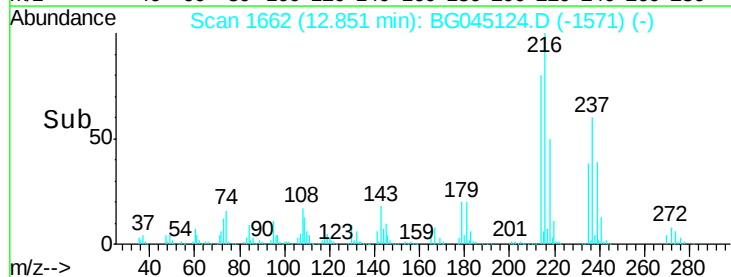
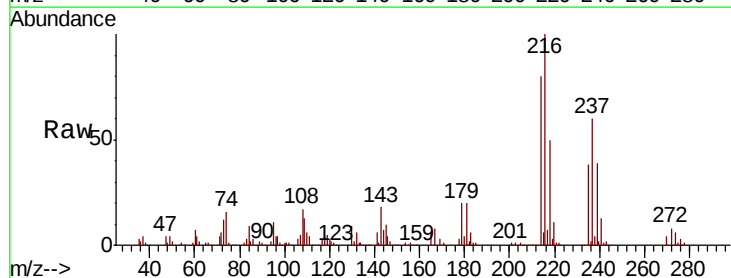
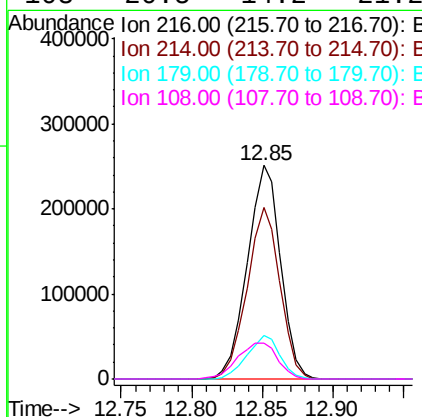
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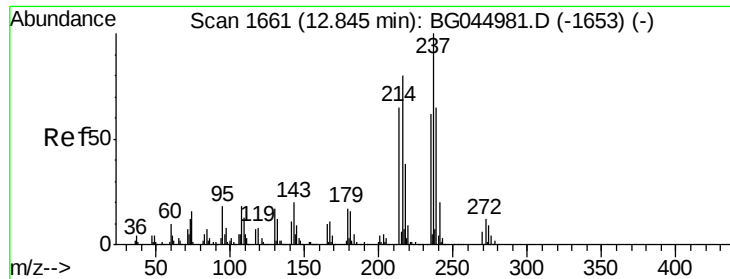
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.680 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.1	15.8	23.8
108	20.5	14.2	21.2





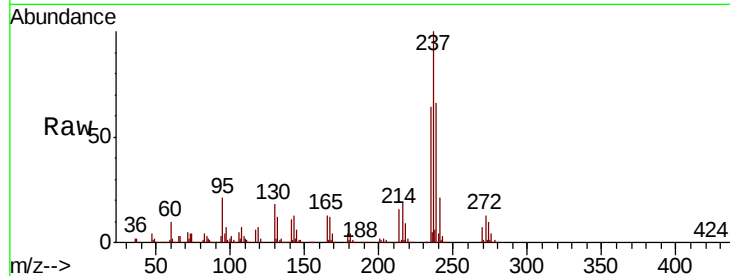
#41
Hexachlorocyclopentadiene
Concen: 99.588 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

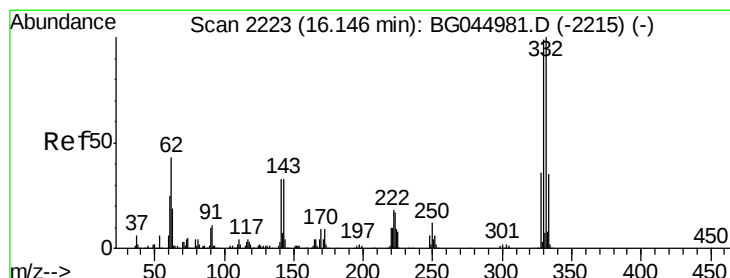
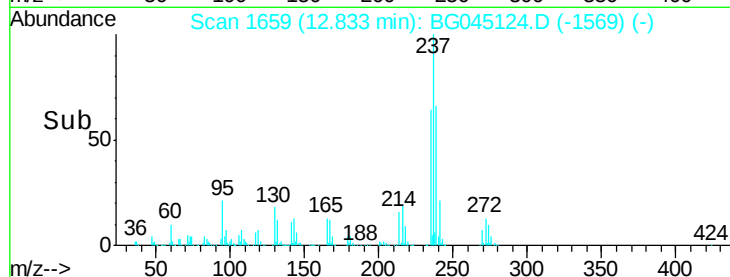
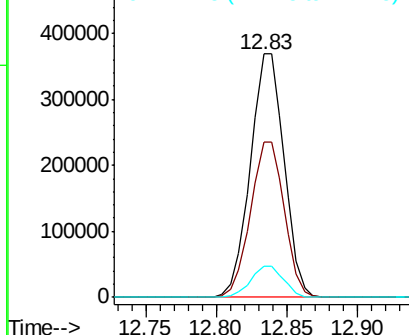
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	41.6	81.6
272	12.8	0.0	32.1

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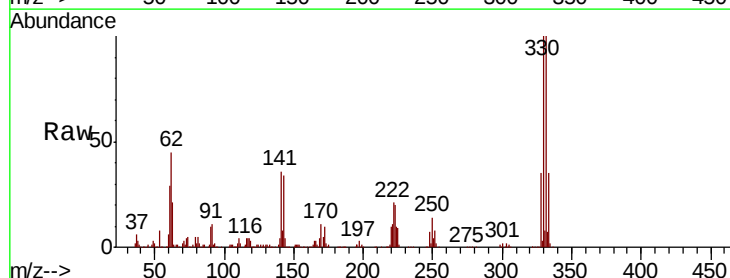


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

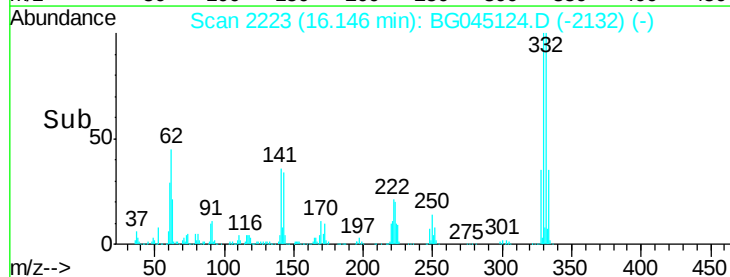
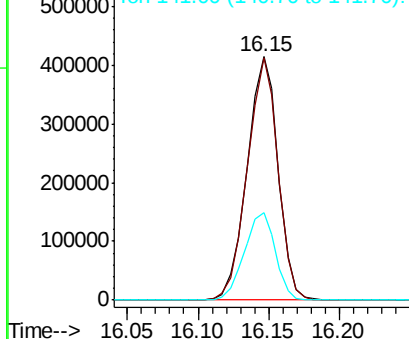


#42
2,4,6-Tribromophenol
Concen: 133.676 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.2	79.1	118.7
141	36.0	27.1	40.7



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





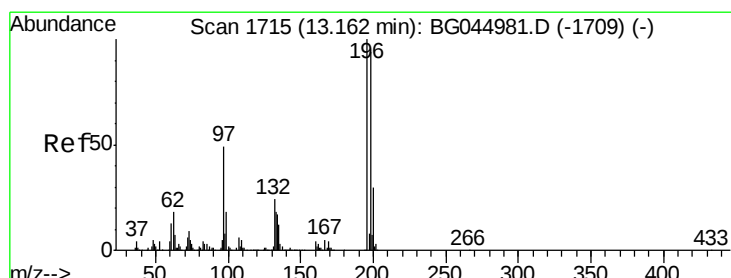
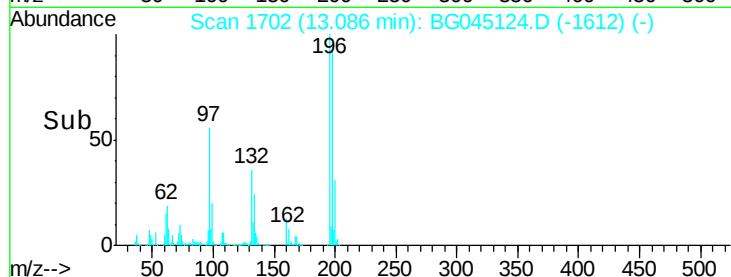
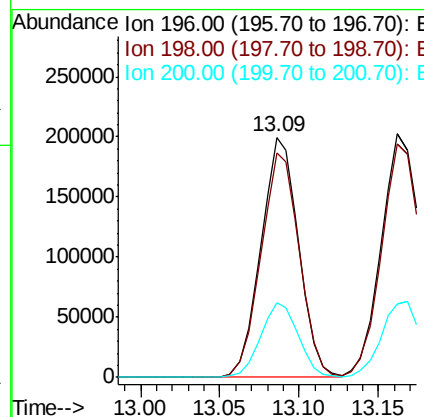
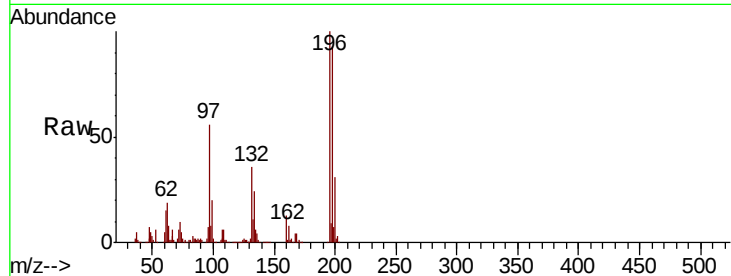
#43
 2,4,6-Trichlorophenol
 Concen: 46.970 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleID :
 PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329748		
198	93.4	72.5	108.7	
200	31.1	24.5	36.7	

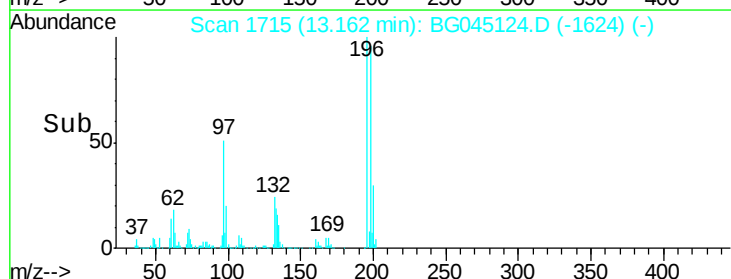
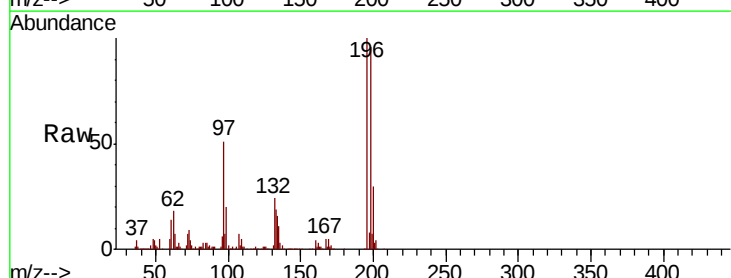
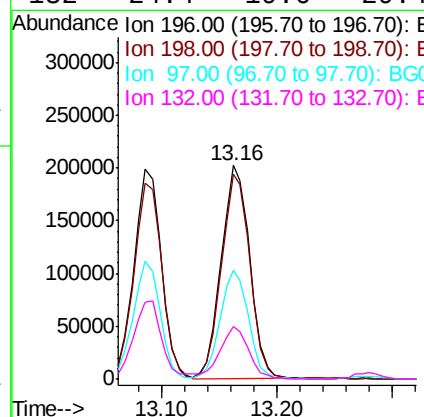
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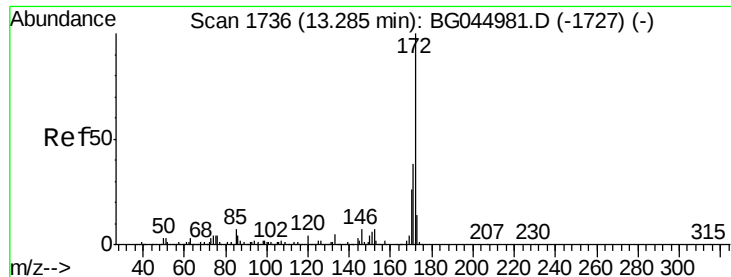
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#44
 2,4,5-Trichlorophenol
 Concen: 43.233 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345478		
198	96.1	75.7	113.5	
97	51.0	39.6	59.4	
132	24.4	19.6	29.4	





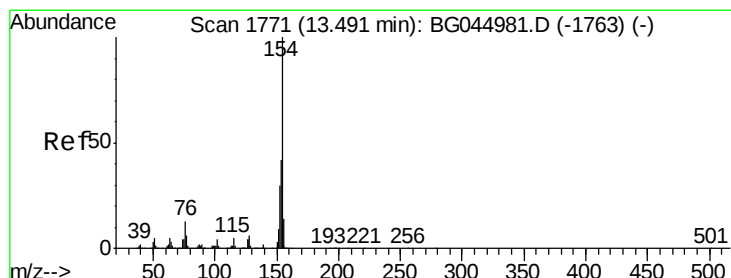
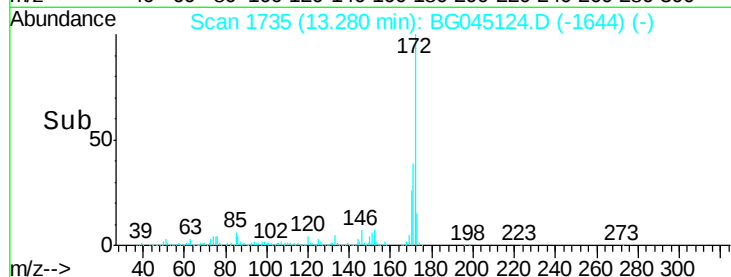
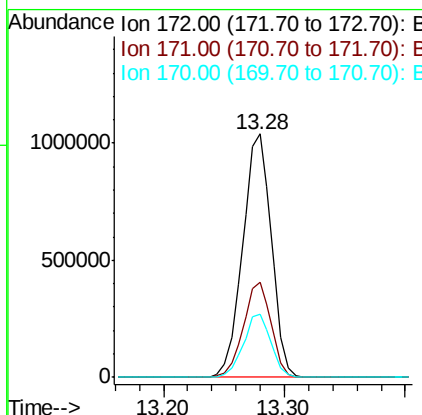
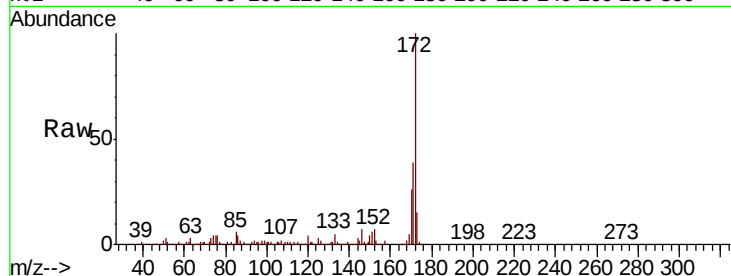
#45
2-Fluorobiphenyl
Concen: 81.462 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.6	46.0
170	26.0	20.5	30.7

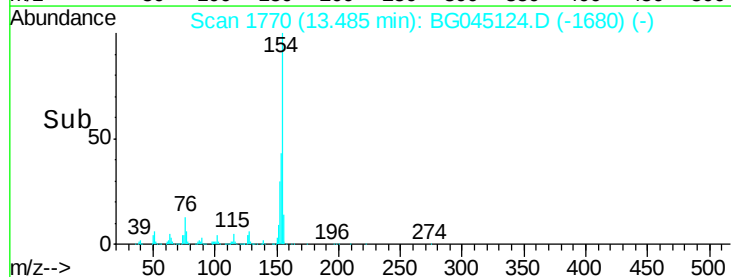
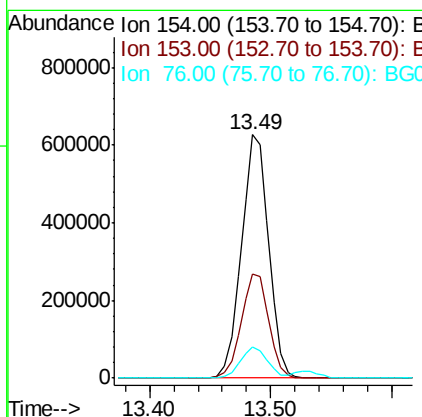
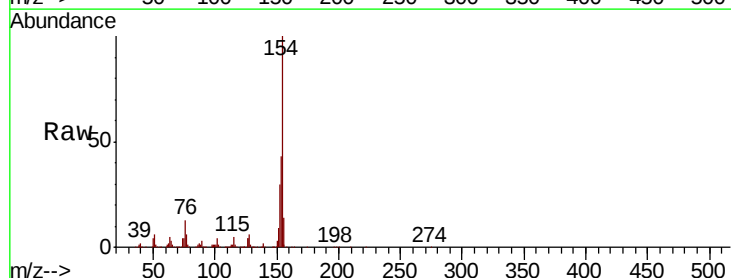
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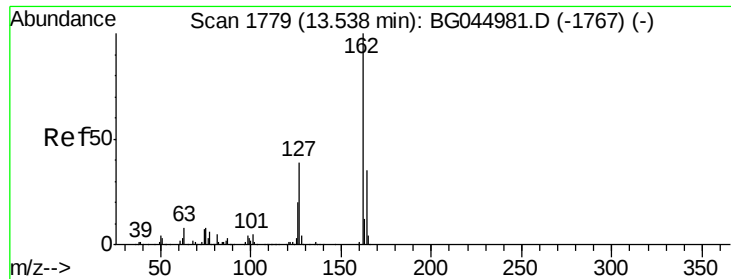
mohammad
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#46
1,1'-Biphenyl
Concen: 41.755 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	12.9	0.0	33.1





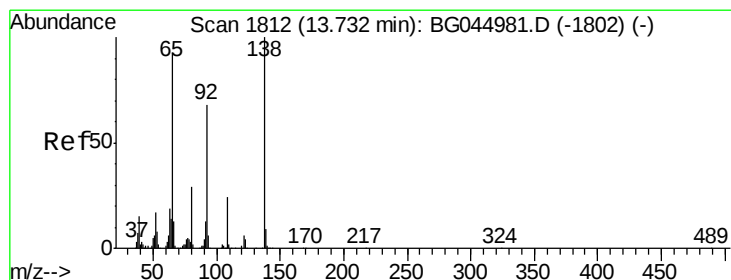
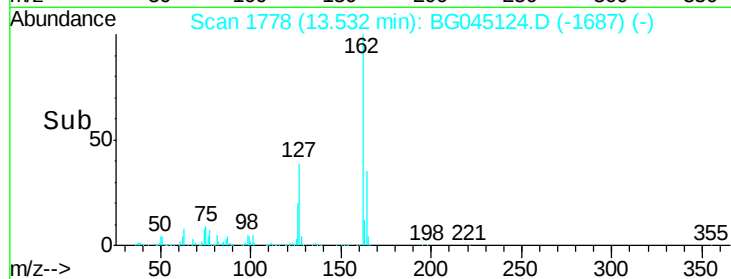
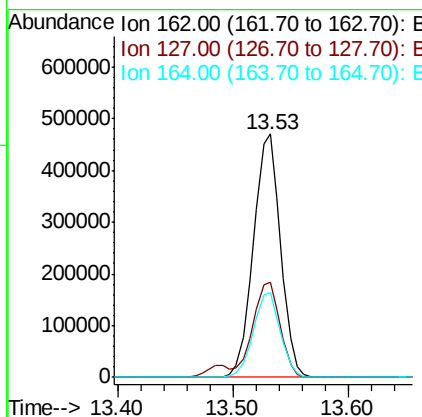
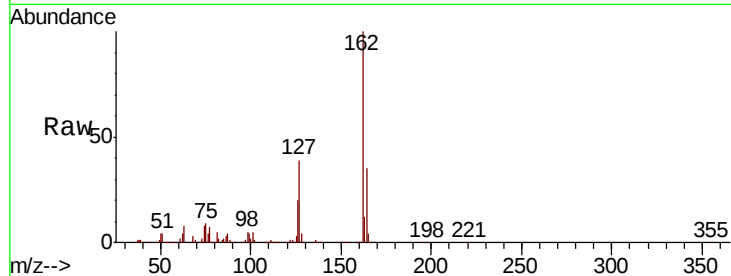
#47
 2-Chloronaphthalene
 Concen: 42.846 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.3	46.9
164	35.1	27.8	41.8

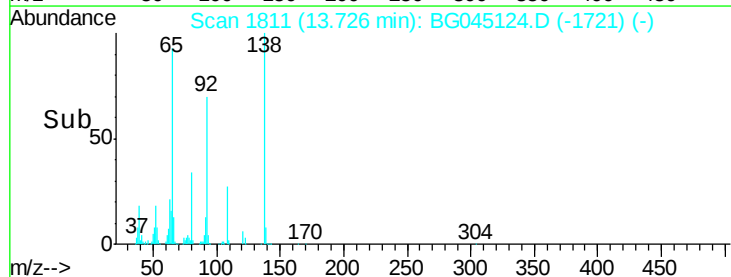
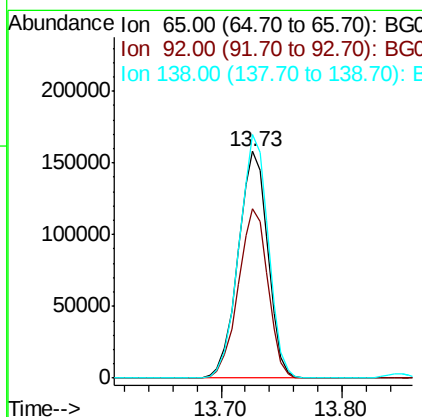
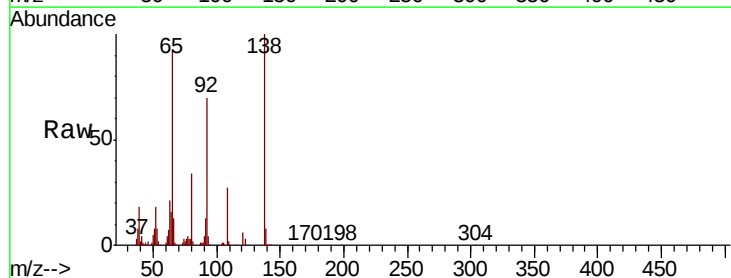
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#48
 2-Nitroaniline
 Concen: 45.805 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	58.3	87.5
138	107.4	85.6	128.4





#49

Acenaphthylene

Concen: 43.858 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

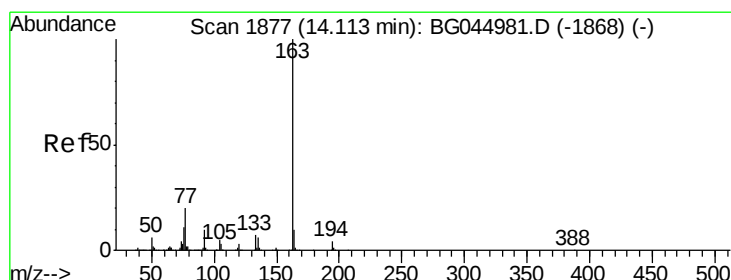
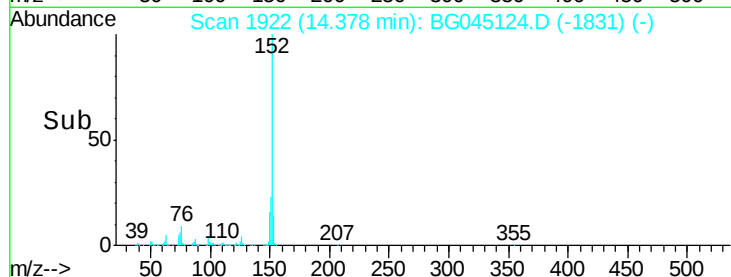
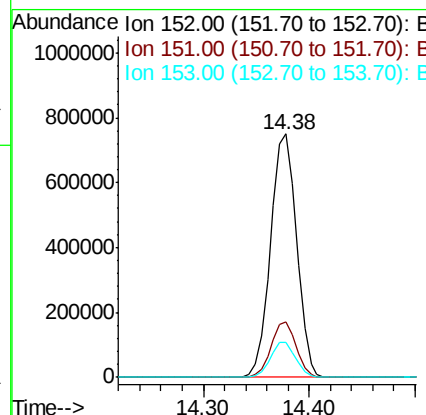
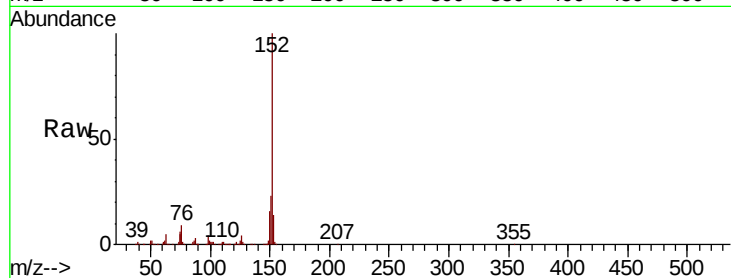
ClientSampleId :

PB128381BS

Tot Ion:	152	Resp:	1281787
Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.2	25.8
153	14.2	11.0	16.4

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#50

Dimethylphthalate

Concen: 44.089 ng

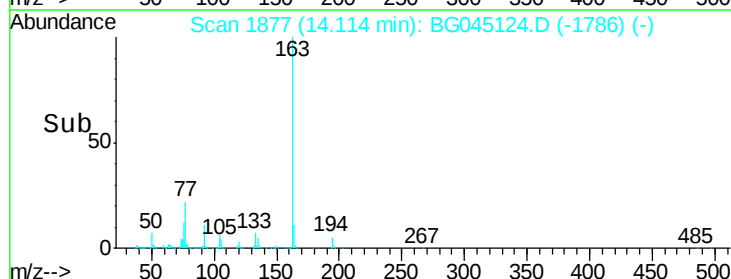
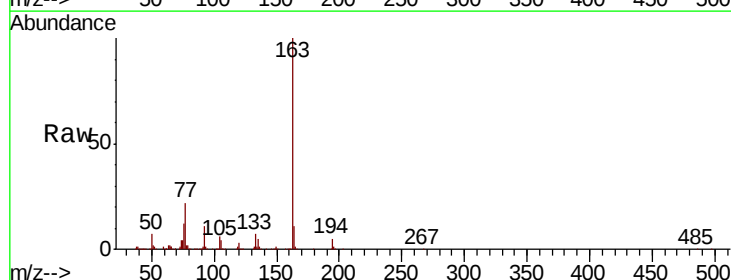
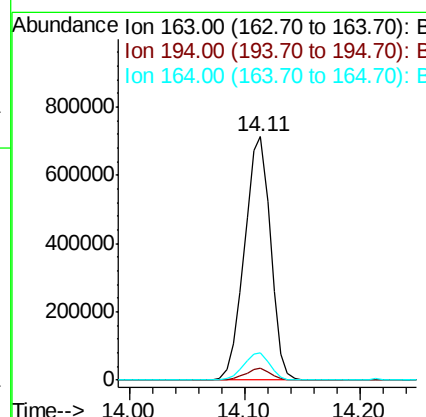
RT: 14.11 min Scan# 1877

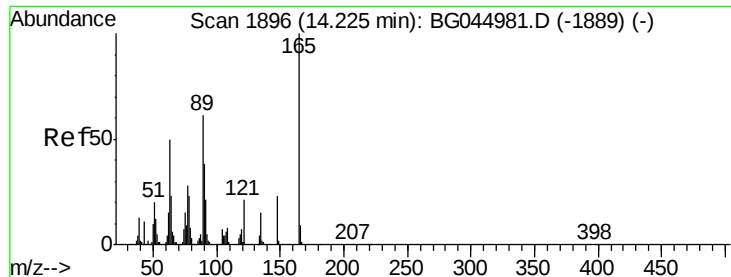
Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	163	Resp:	1109089
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.3	8.2	12.4





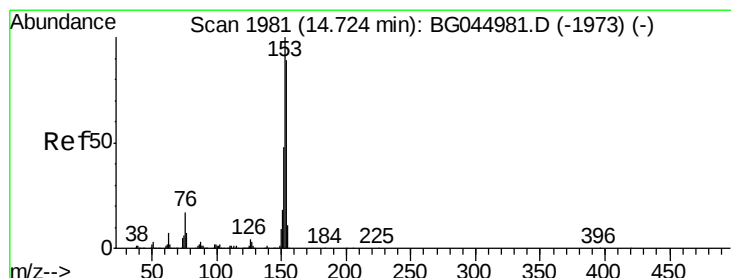
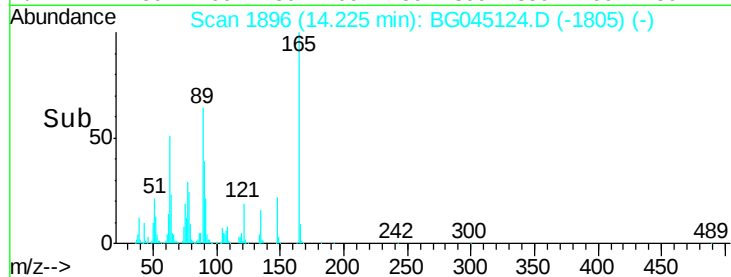
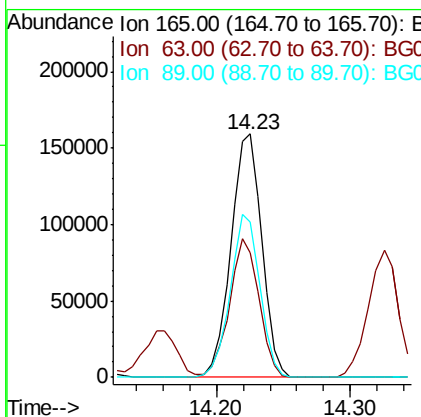
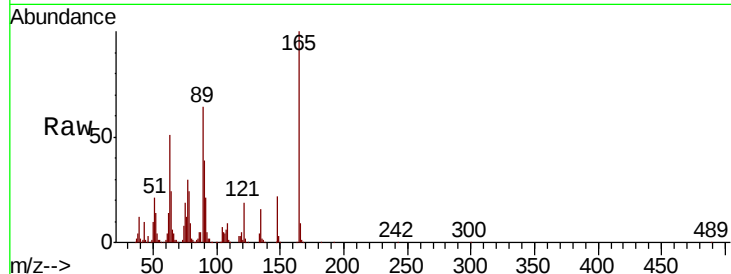
#51
 2,6-Dinitrotoluene
 Concen: 45.403 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255464		
63	51.4		40.4	60.6
89	63.9		49.1	73.7

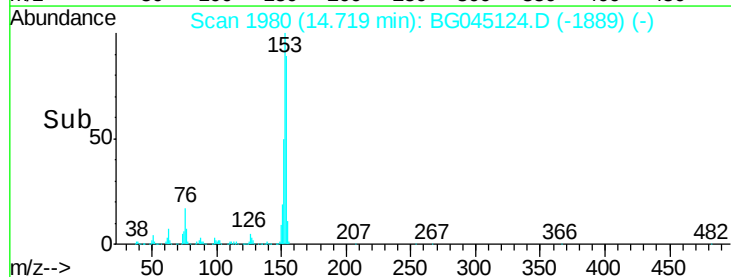
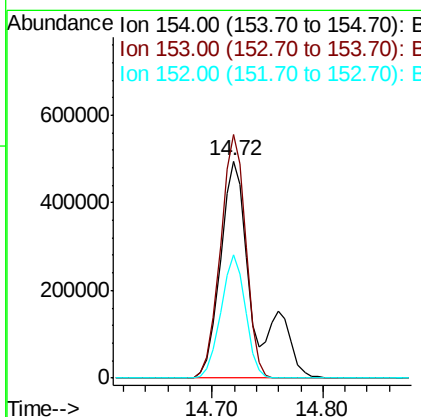
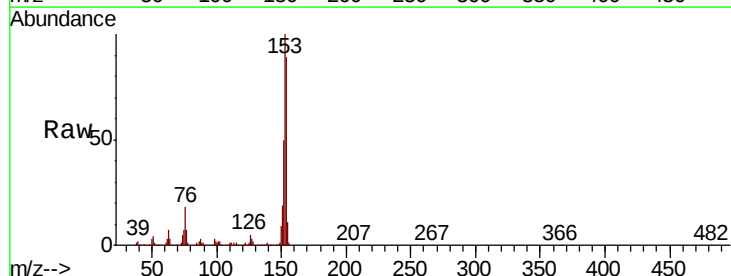
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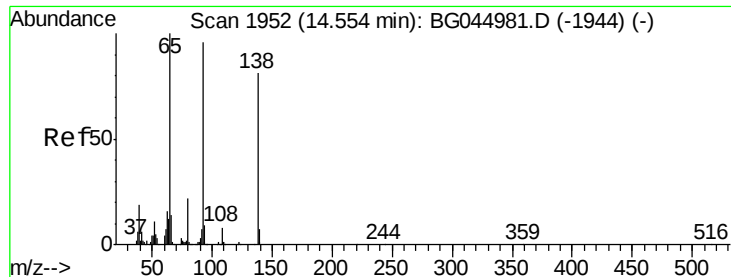
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#52
 Acenaphthene
 Concen: 51.754 ng m
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1023392		
153	112.3		89.7	134.5
152	56.7		43.1	64.7





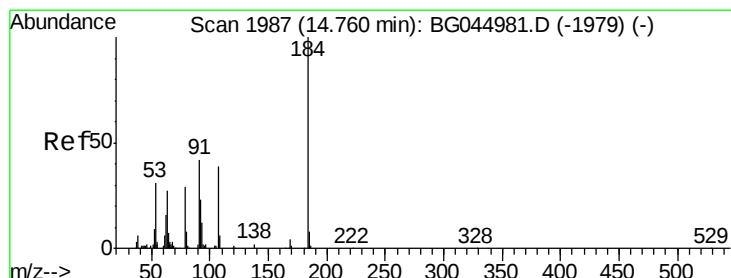
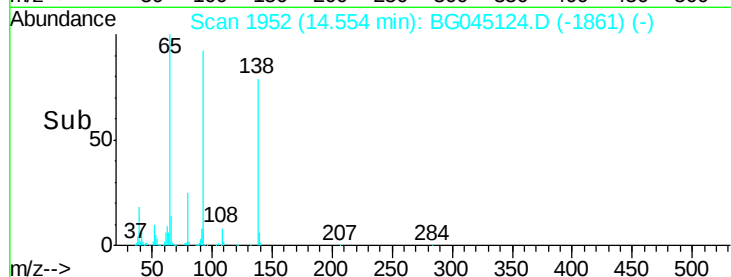
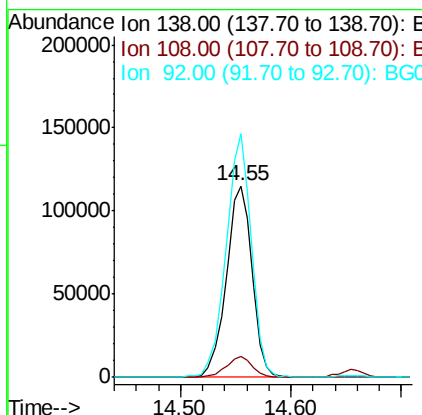
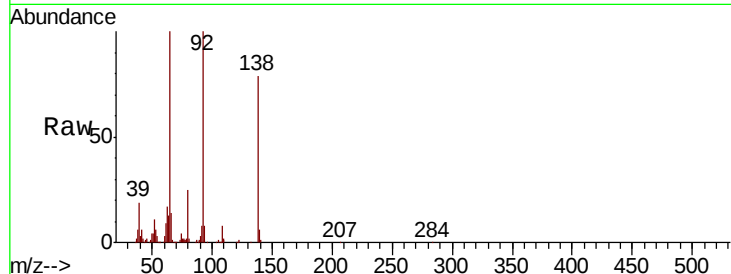
#53
3-Nitroaniline
Concen: 30.394 ng
RT: 14.55 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.8
92	127.3	94.5	141.7

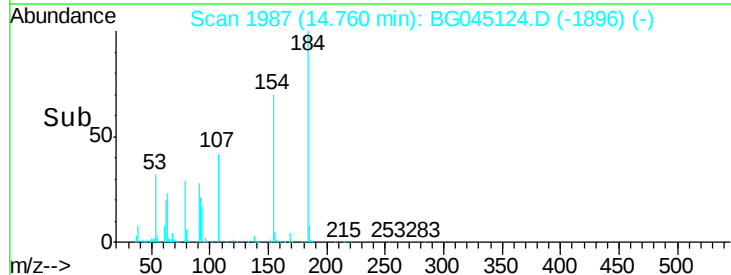
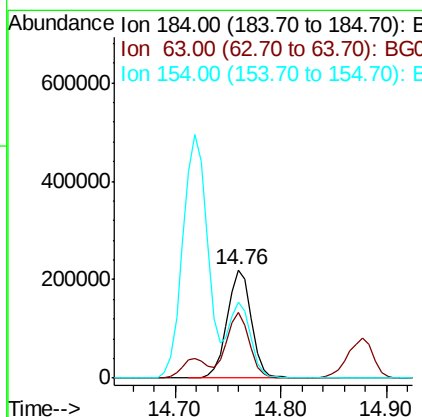
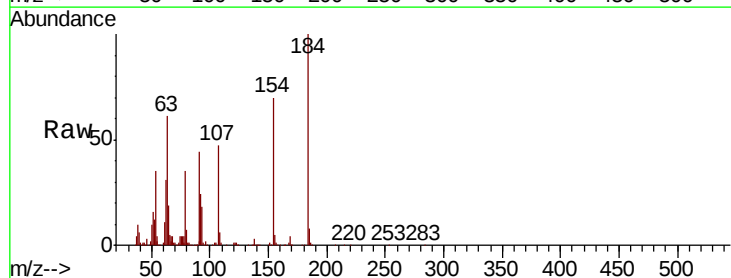
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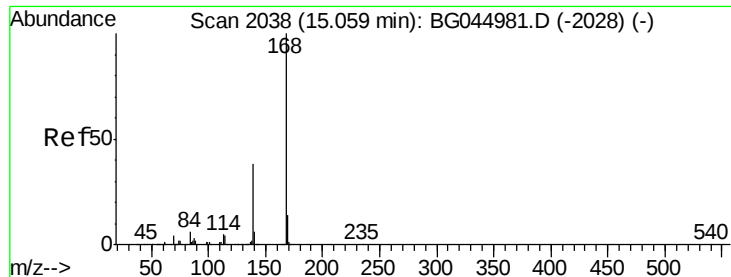
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#54
2,4-Dinitrophenol
Concen: 103.745 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	41.5	62.3
154	69.8	52.3	78.5





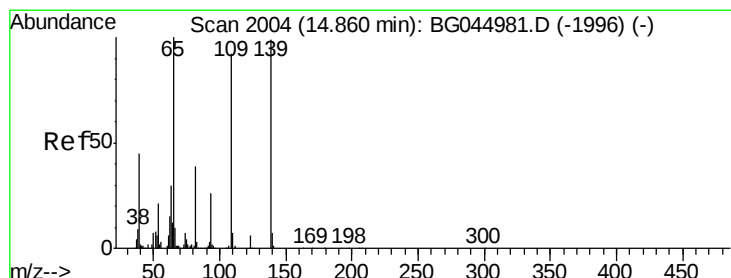
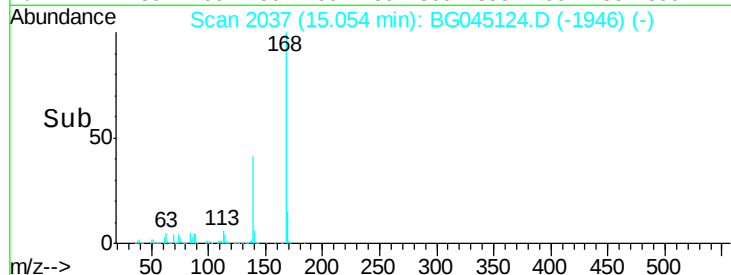
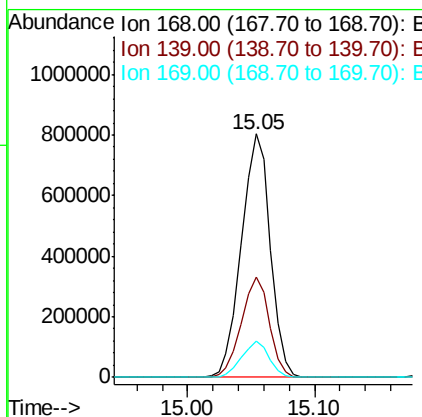
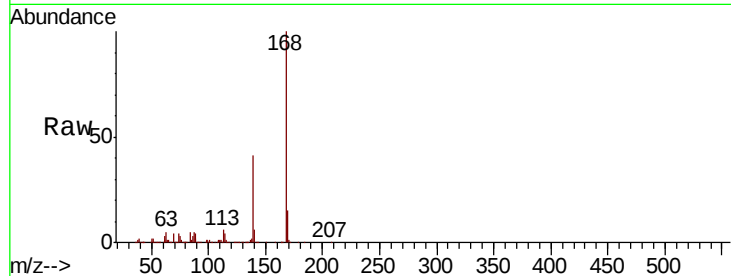
#55
Dibenzenofuran
Concen: 43.906 ng
RT: 15.05 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampled :
PB128381BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.4	45.6
169	14.7	11.0	16.4

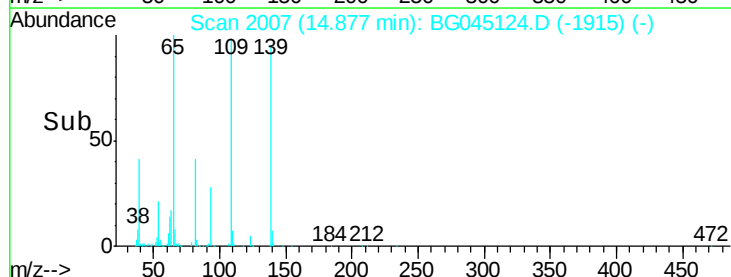
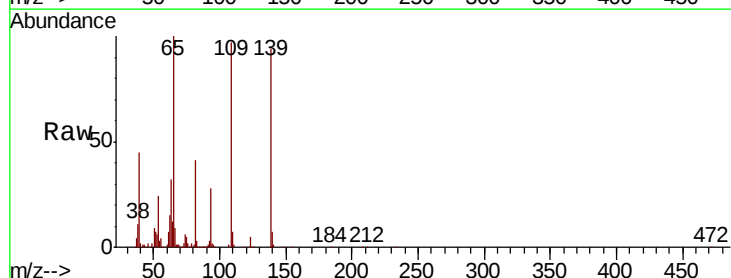
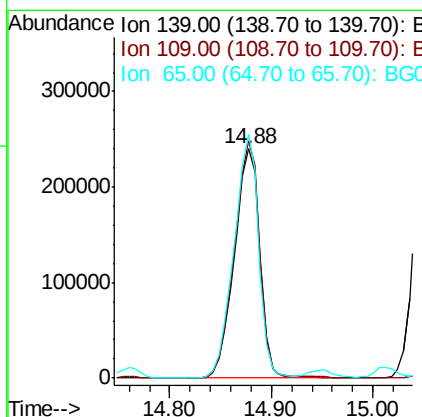
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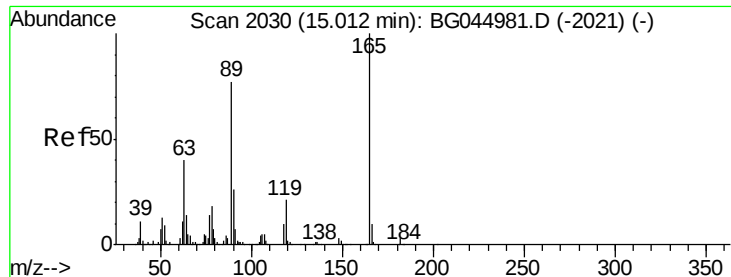
mohammad
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#56
4-Nitrophenol
Concen: 87.307 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.4	73.6	113.6
65	106.3	81.2	121.2





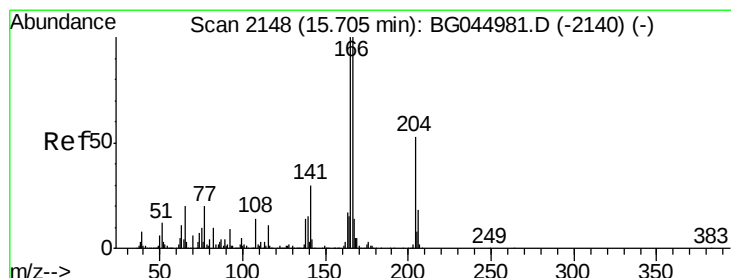
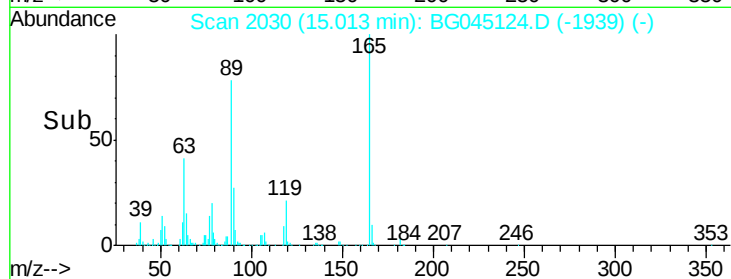
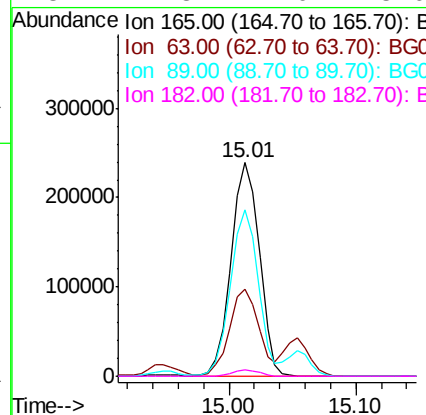
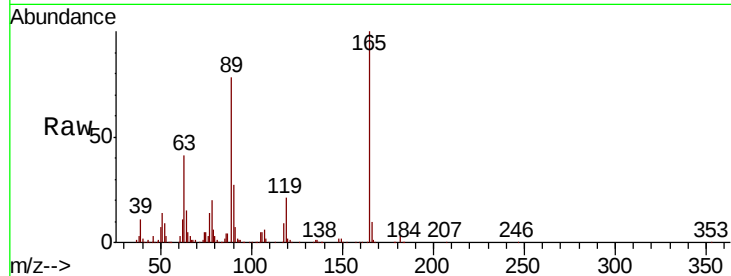
#57
 2,4-Dinitrotoluene
 Concen: 44.753 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion:	165	Resp:	367991
Ion Ratio	Lower	Upper	
165	100		
63	40.7	32.2	48.2
89	77.8	61.7	92.5
182	2.8	2.0	3.0

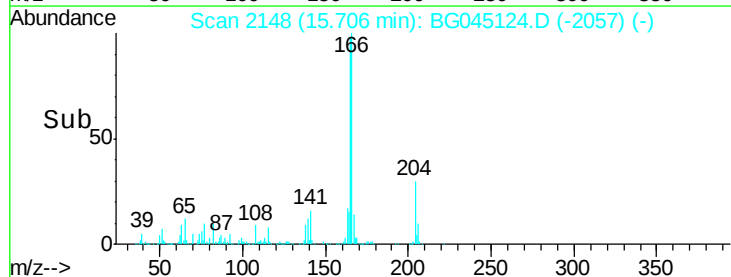
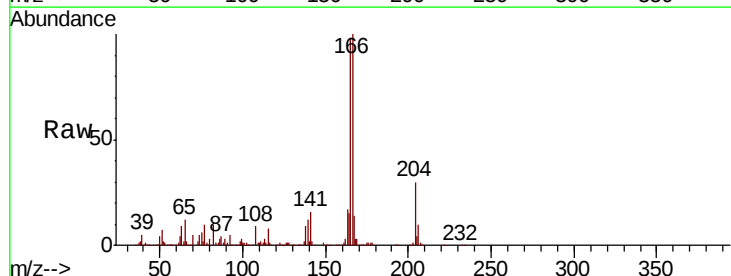
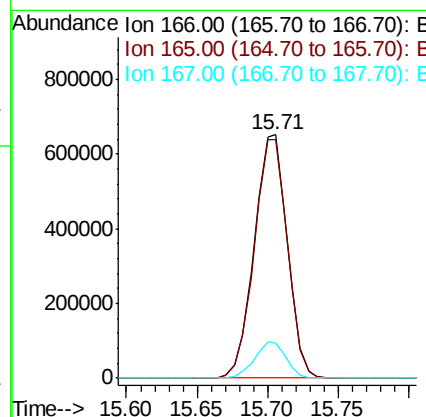
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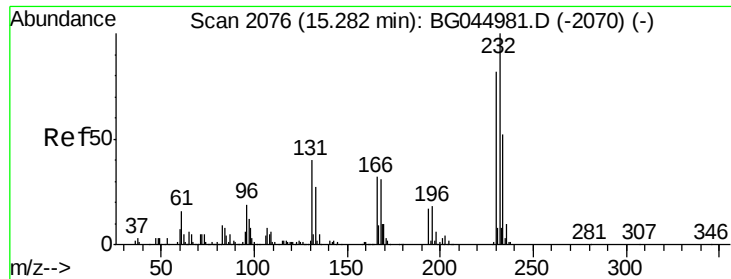
mohammad
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#58
 Fluorene
 Concen: 45.335 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion:	166	Resp:	1067566
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.9	119.9
167	14.4	11.4	17.0





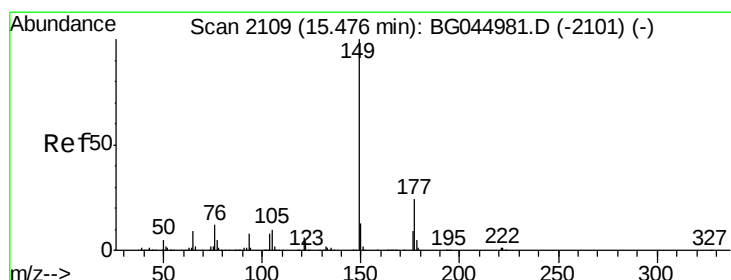
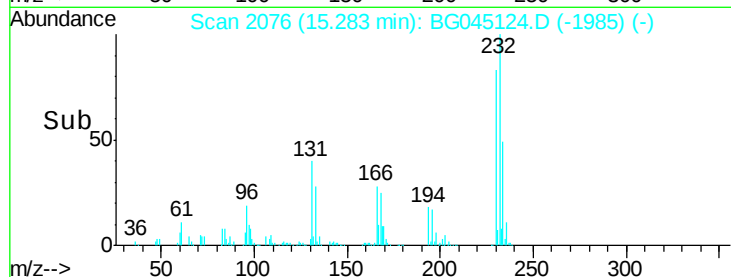
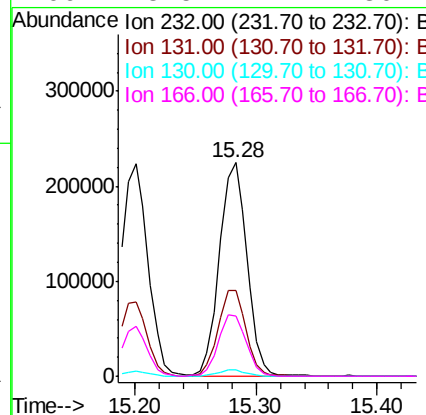
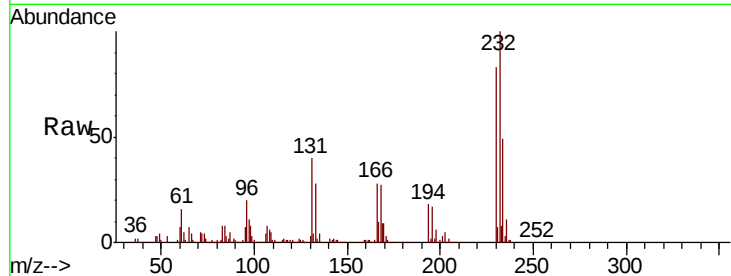
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.573 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.2	48.2
130	2.8	2.2	3.2
166	28.5	24.2	36.4

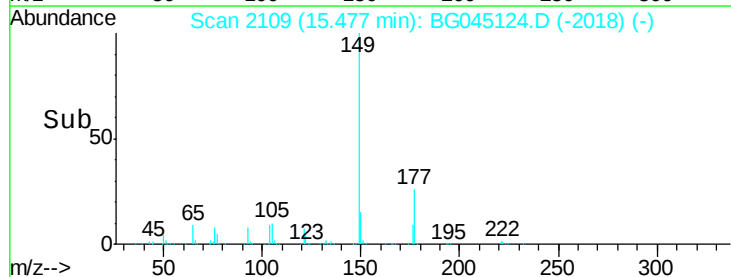
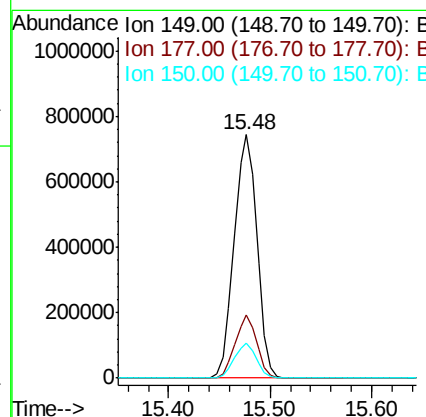
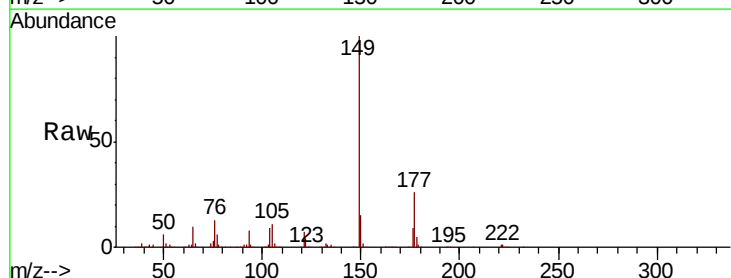
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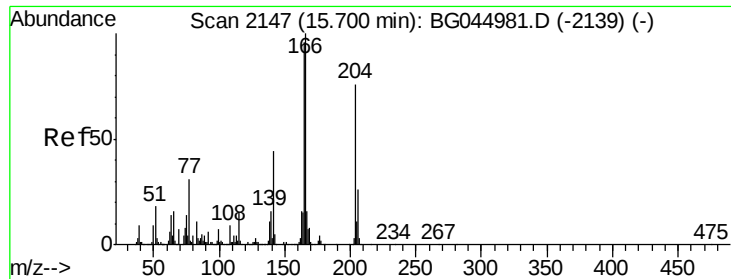
mohammad
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#60
Diethylphthalate
Concen: 44.197 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.9	18.9	28.3
150	14.6	10.6	15.8





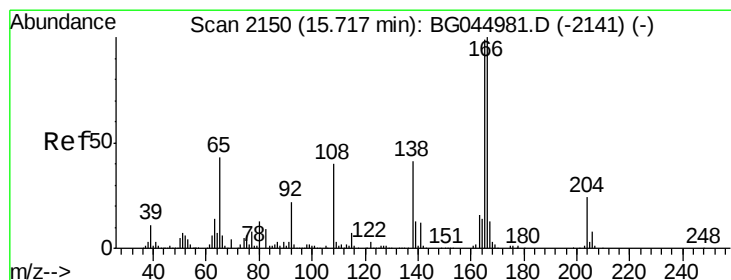
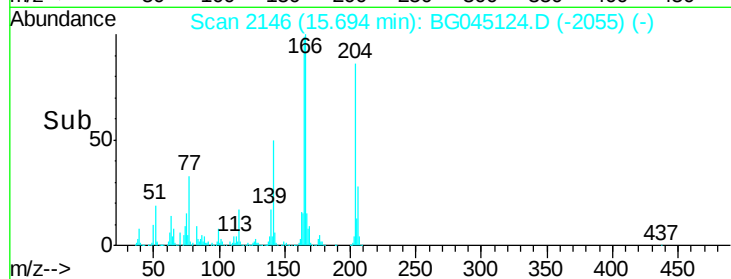
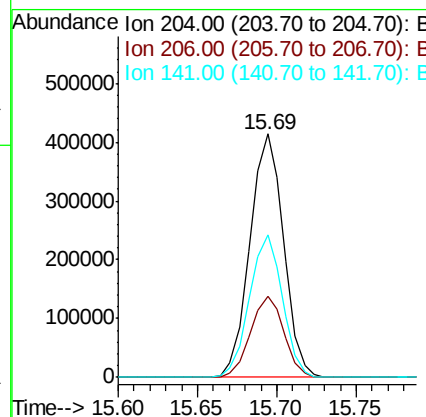
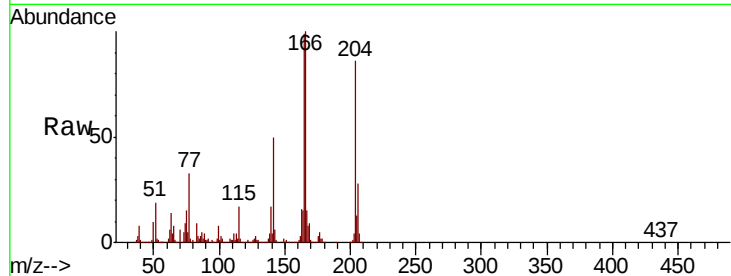
#61
4-Chlorophenyl-phenylether
Concen: 44.896 ng
RT: 15.69 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampled :
PB128381BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.1	26.9	40.3
141	58.3	46.3	69.5

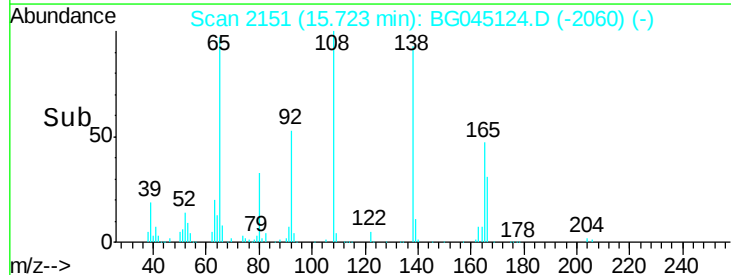
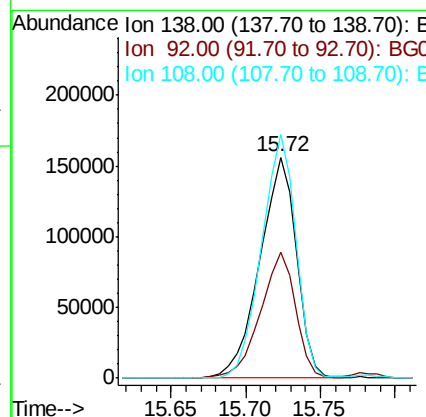
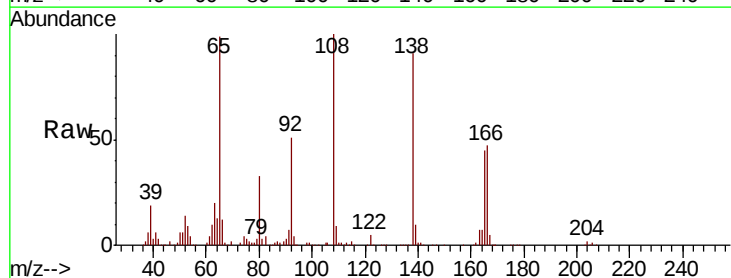
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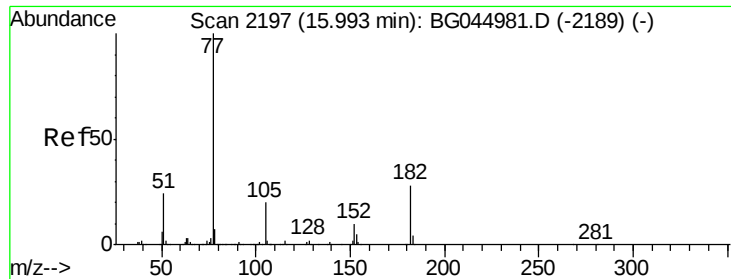
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#62
4-Nitroaniline
Concen: 41.391 ng
RT: 15.72 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	56.8	33.6	73.6
108	110.3	78.2	118.2





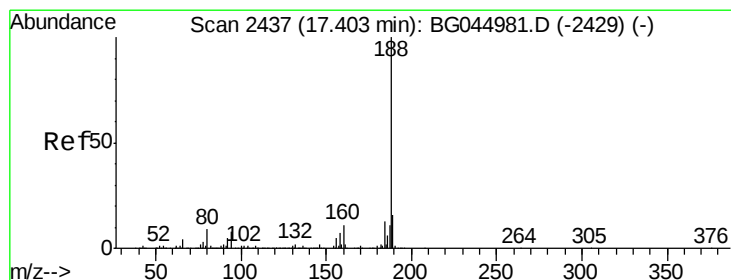
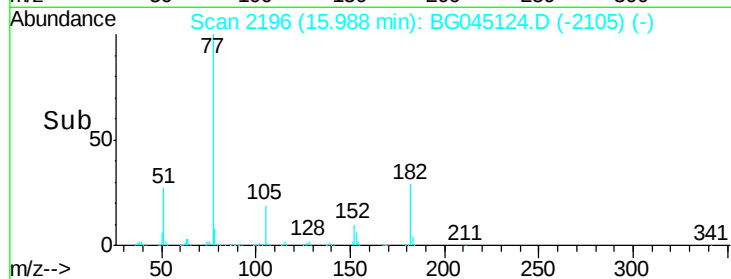
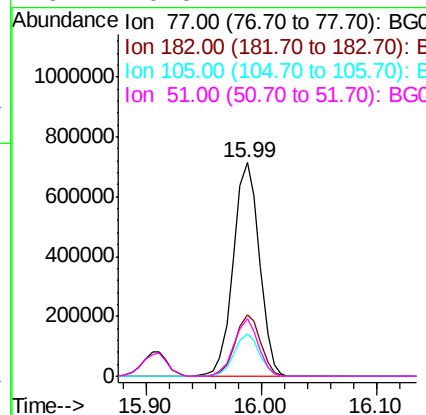
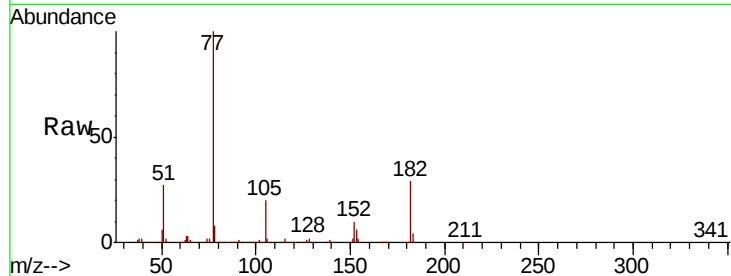
#63
Azobenzene
Concen: 46.010 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.6	8.4	48.4	
105	19.8	0.5	40.5	
51	26.8	4.4	44.4	

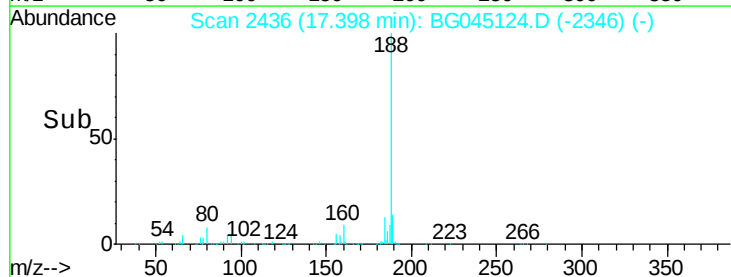
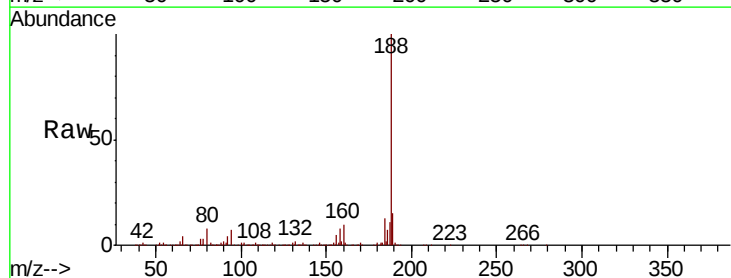
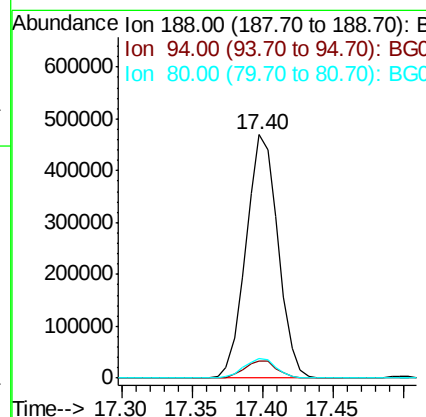
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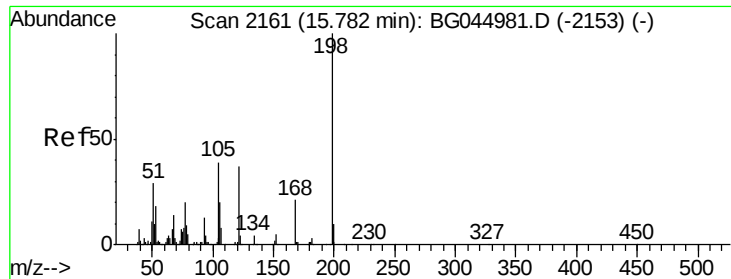
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.1	6.2	9.4	
80	8.2	7.0	10.6	





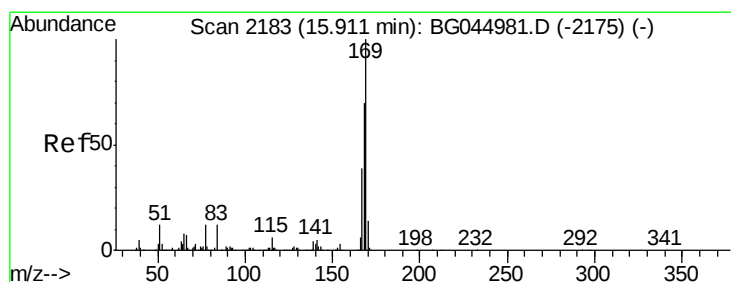
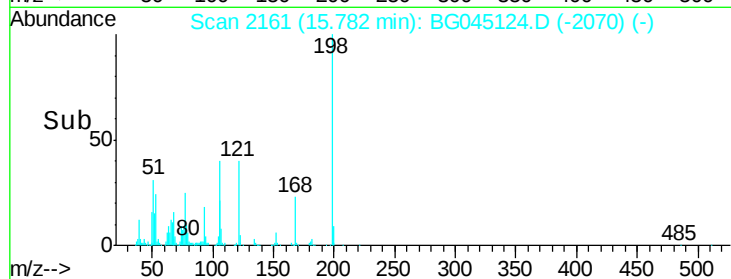
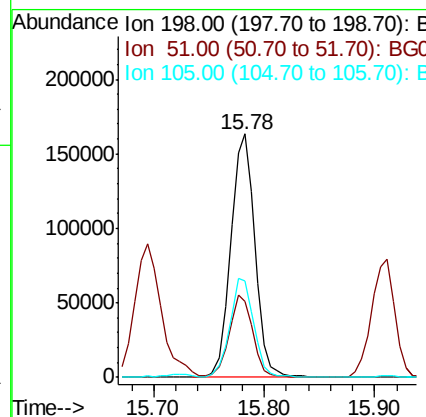
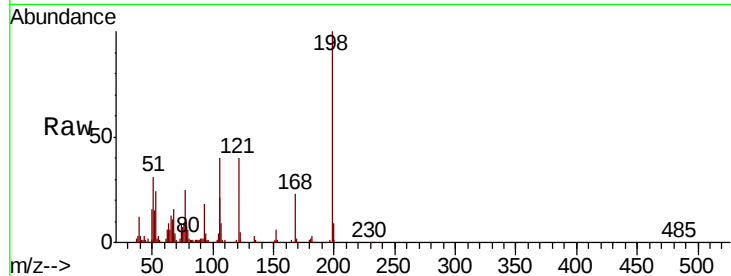
#65
4,6-Dinitro-2-methylphenol
Concen: 51.021 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	249525		
51	31.1	10.0	50.0	
105	39.8	18.9	58.9	

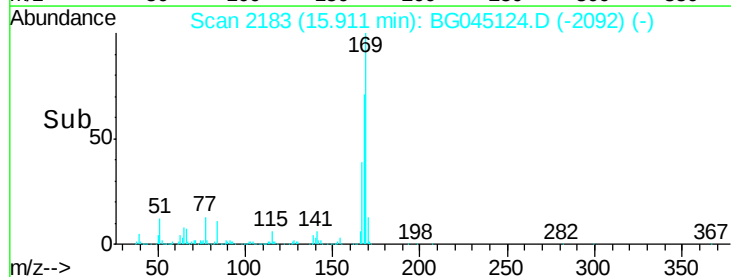
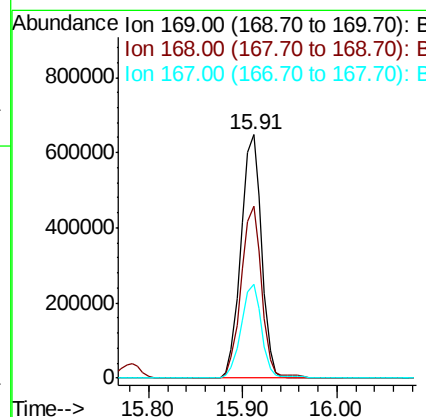
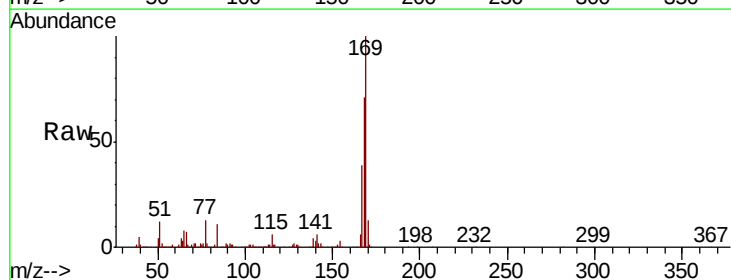
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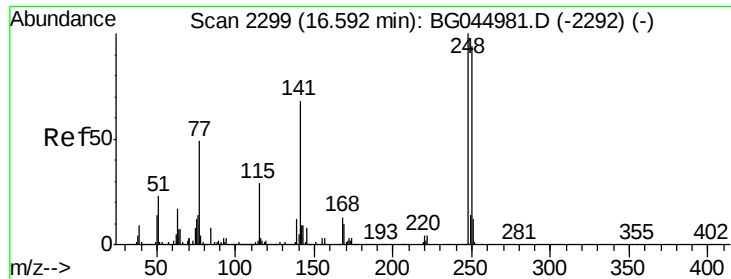
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#66
n-Nitrosodiphenylamine
Concen: 45.805 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	979218		
168	70.9	55.8	83.8	
167	38.7	30.8	46.2	





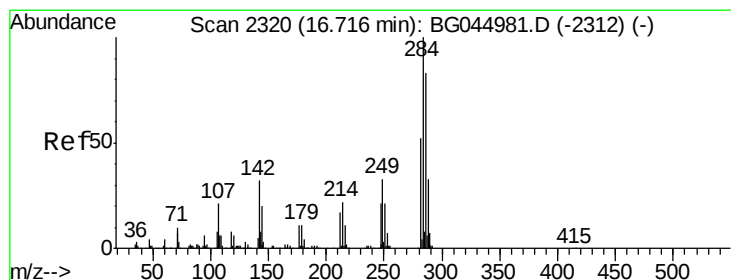
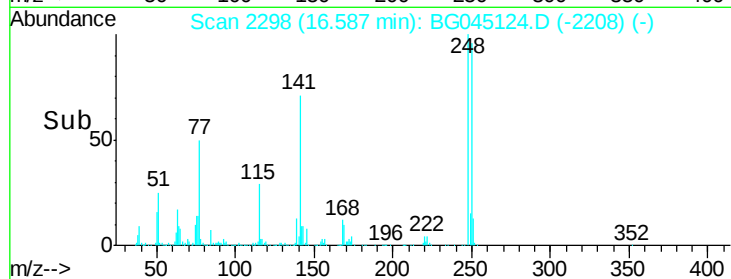
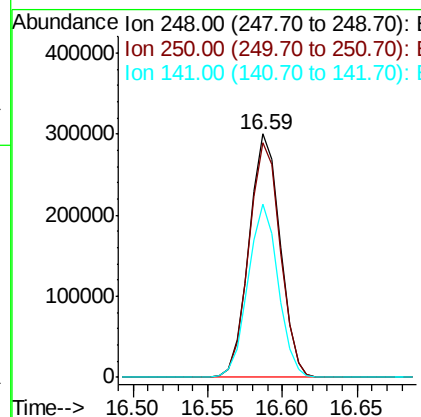
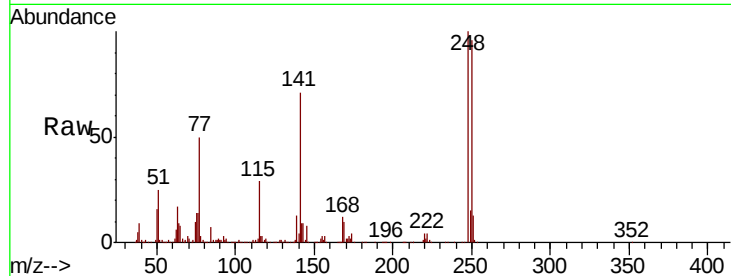
#67
4-Bromophenyl-phenylether
Concen: 44.773 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.4	113.2
141	71.2	54.4	81.6

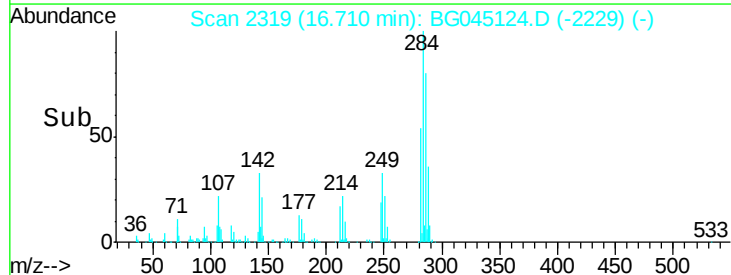
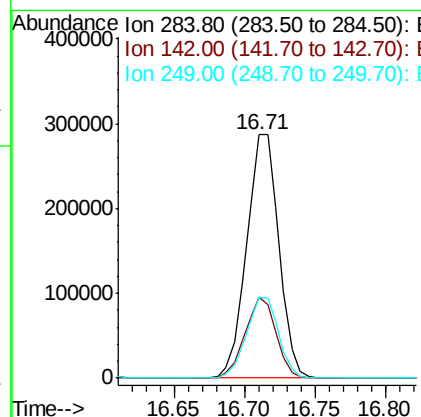
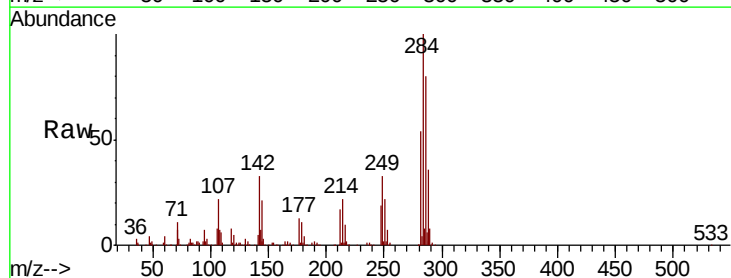
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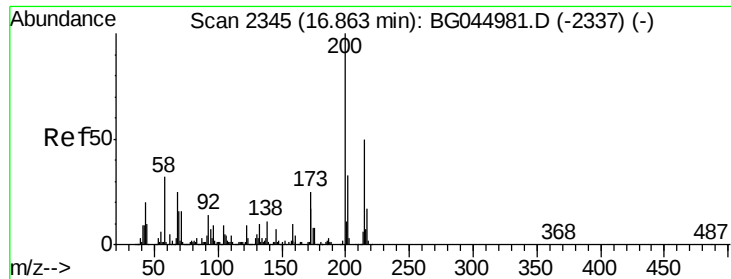
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#68
Hexachlorobenzene
Concen: 46.009 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.8	38.6
249	33.2	26.6	39.8





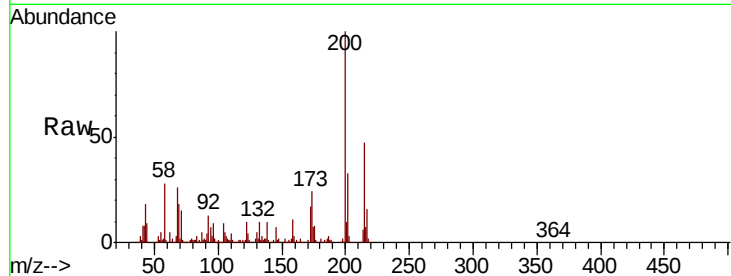
#69
Atrazine
Concen: 52.611 ng
RT: 16.86 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

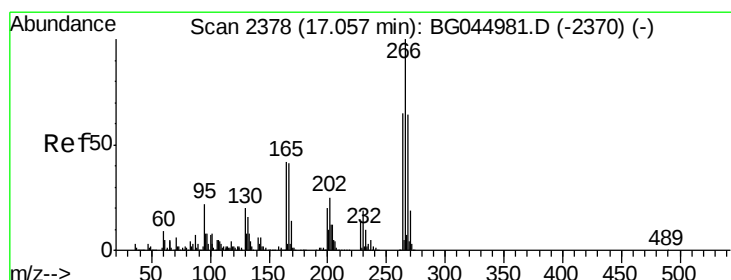
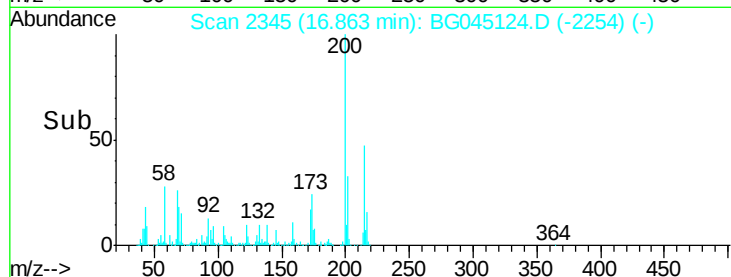
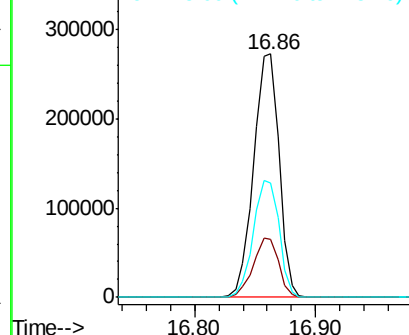
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.5	44.5
215	47.1	30.0	70.0

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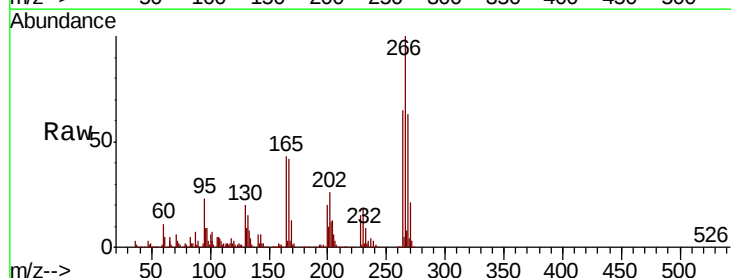


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

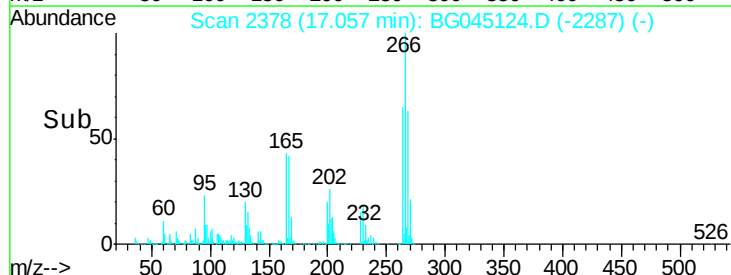
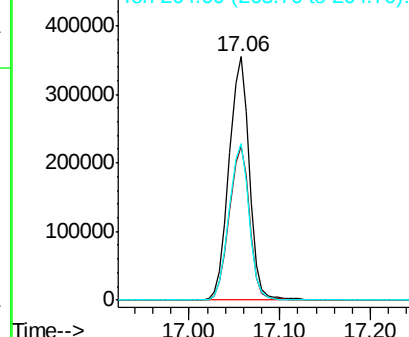


#70
Pentachlorophenol
Concen: 90.269 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.5	77.3
264	64.5	52.2	78.4



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





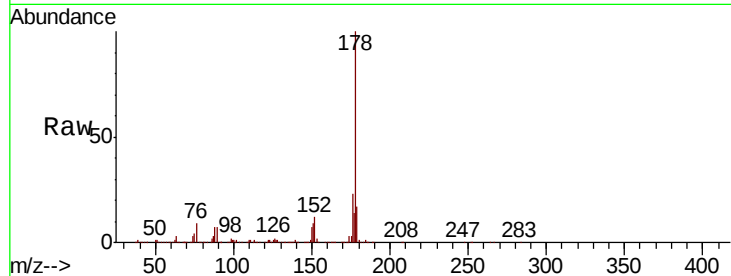
#71
Phenanthrene
Concen: 44.665 ng
RT: 17.44 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

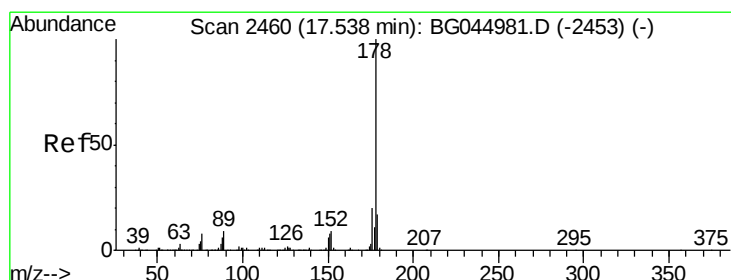
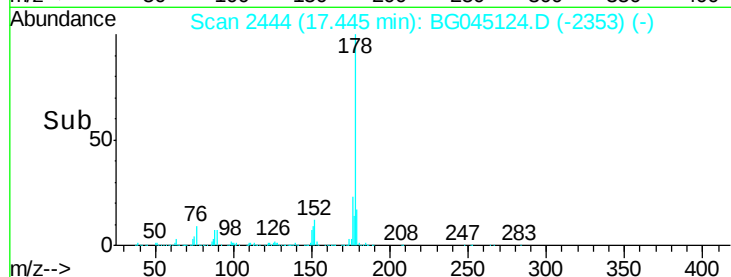
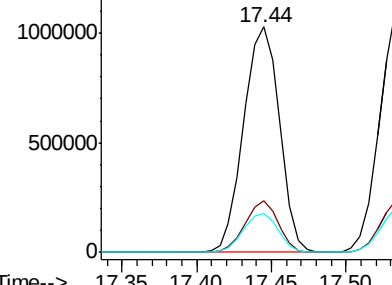
Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	16.8	25.2
179	17.3	13.2	19.8

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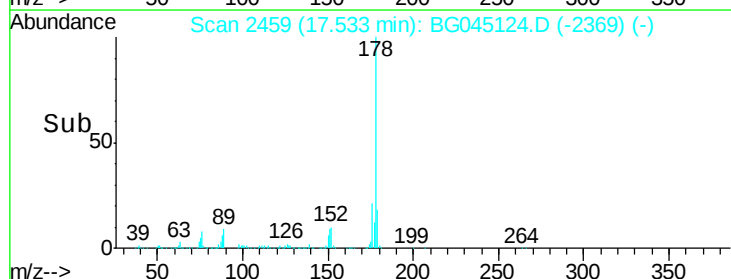
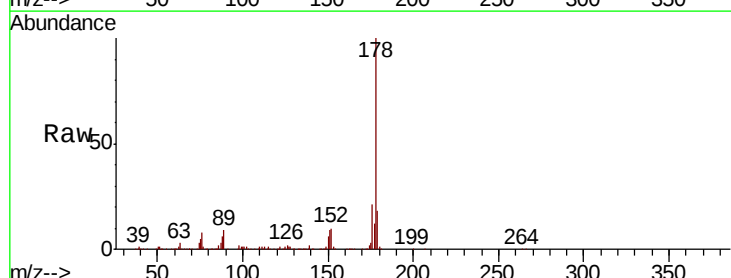
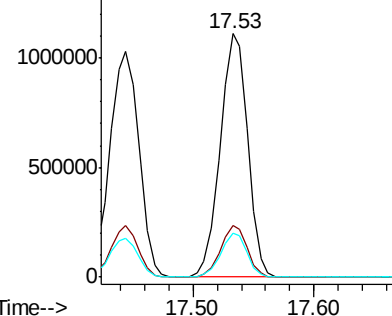
Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

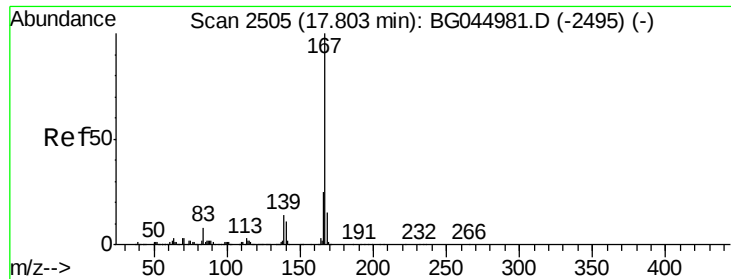


#72
Anthracene
Concen: 45.689 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.0	24.0
179	18.1	13.6	20.4

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





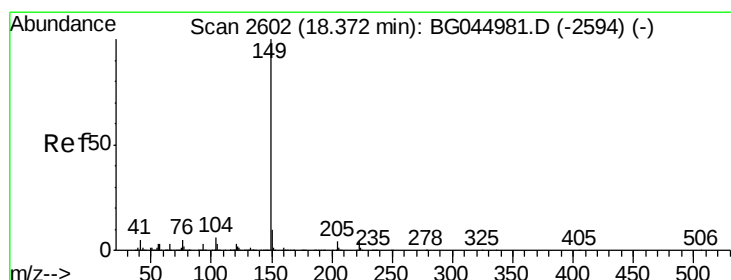
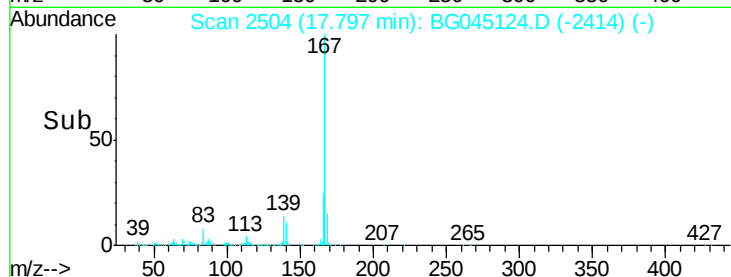
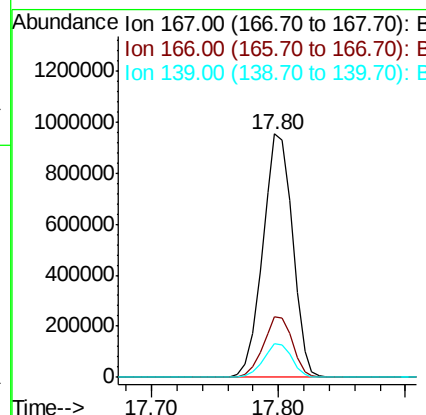
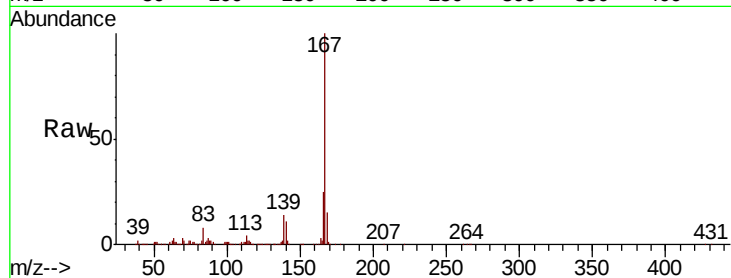
#73
 Carbazole
 Concen: 39.957 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.7	10.9	16.3

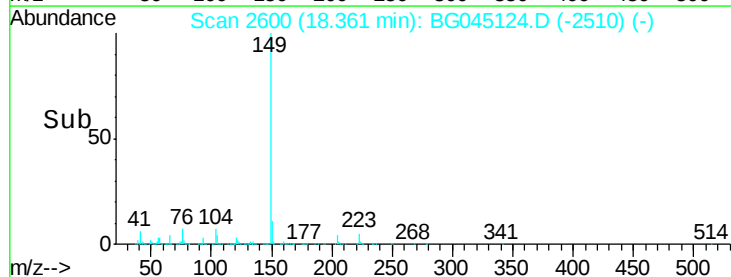
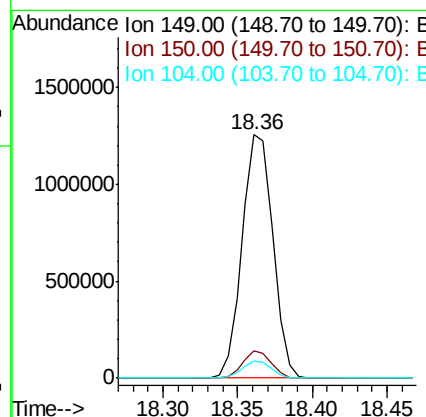
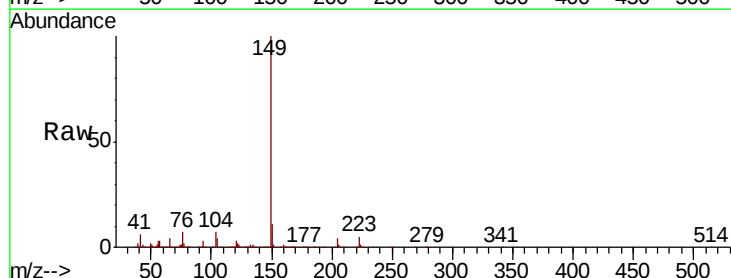
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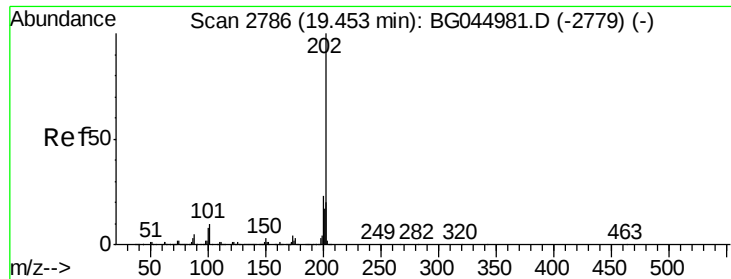
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#74
 Di-n-butylphthalate
 Concen: 42.078 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.2	12.2
104	7.1	4.8	7.2





#75

Fluoranthene

Concen: 42.039 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

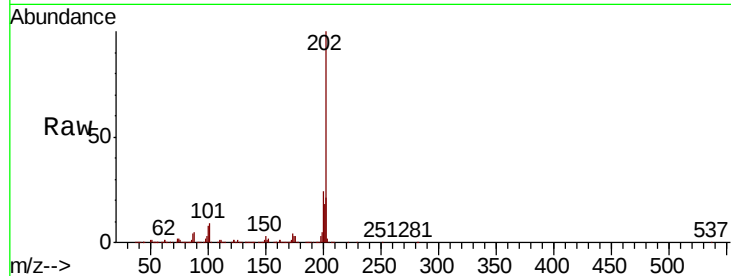
ClientSampleId :

PB128381BS

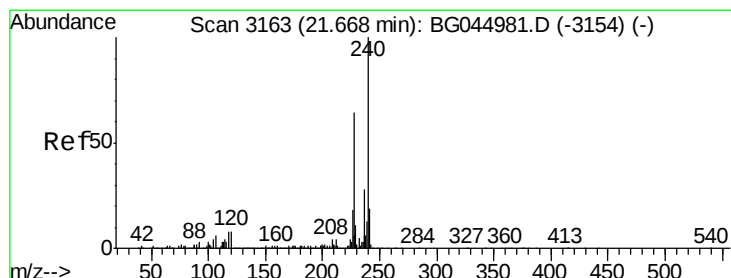
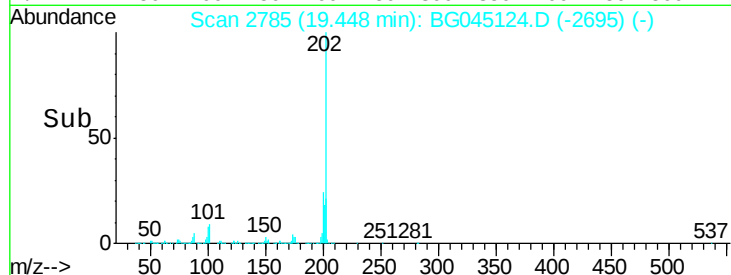
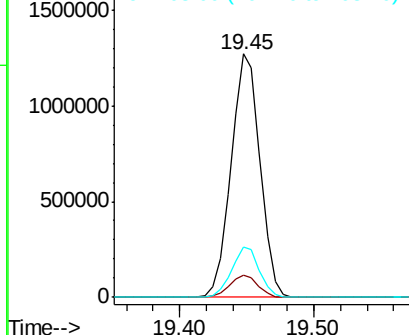
Tot Ion:	202	Resp:	1907480
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.6
203	20.9	0.0	39.7

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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

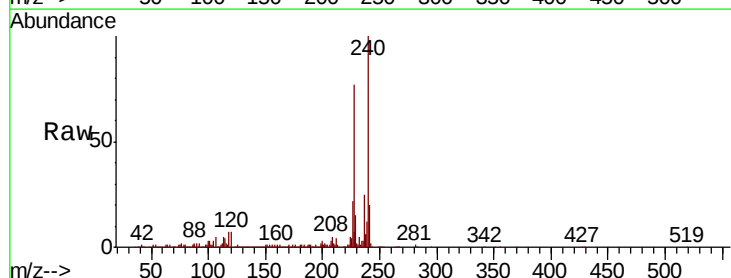
RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

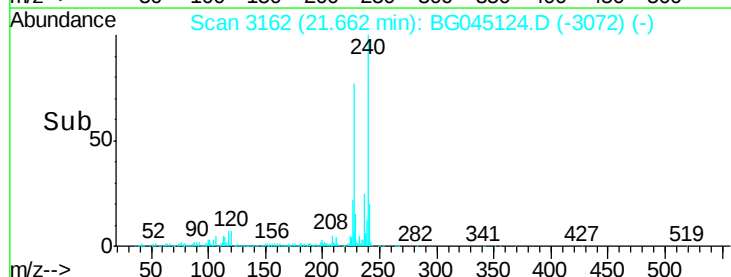
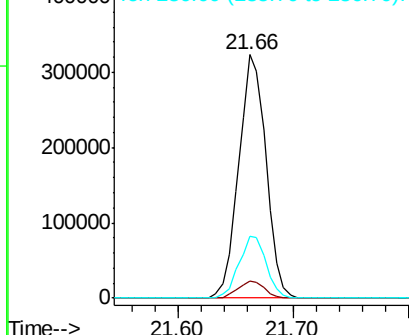
Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	240	Resp:	527559
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.6	10.0
236	25.3	22.2	33.2



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: 64.494 ng

RT: 19.62 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

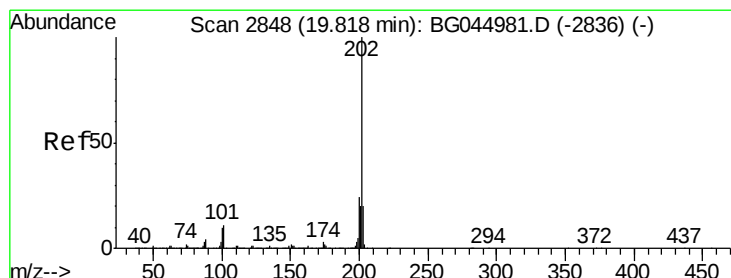
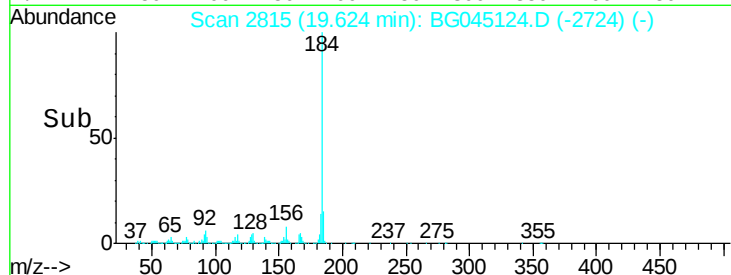
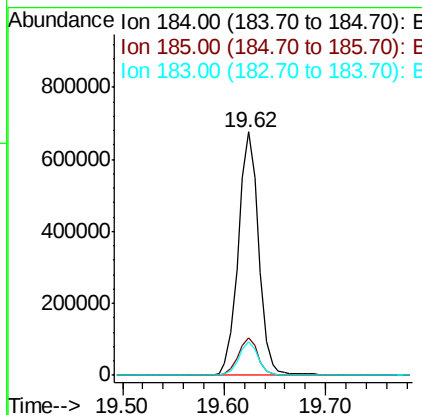
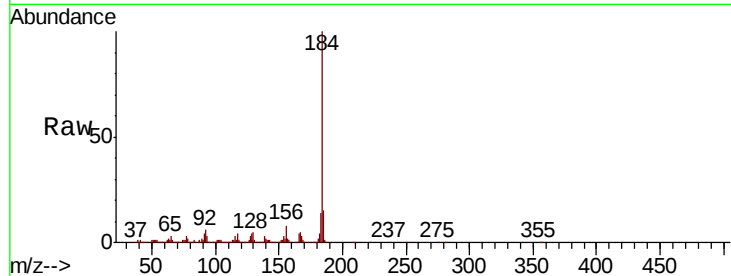
ClientSampleId :

PB128381BS

Tot Ion:	184	Resp:	946063
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	19.0
183	13.6	11.3	16.9

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#78

Pyrene

Concen: 50.583 ng

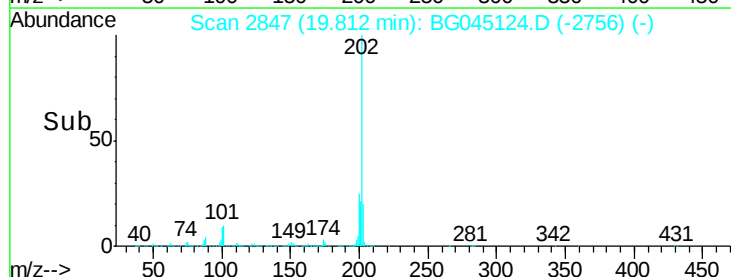
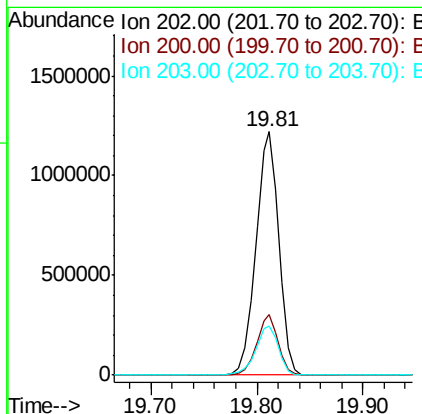
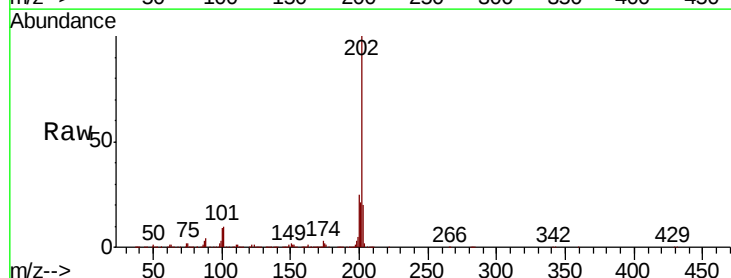
RT: 19.81 min Scan# 2847

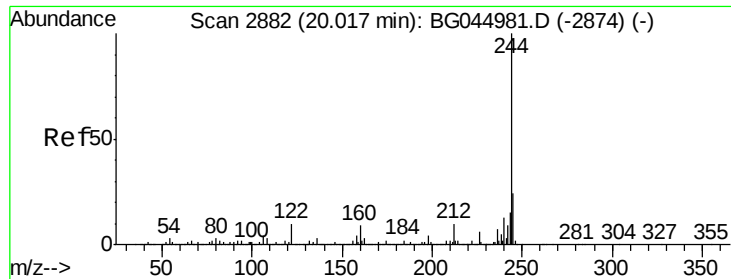
Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	202	Resp:	1839717
Ion Ratio	Lower	Upper	
202	100		
200	24.9	19.0	28.6
203	20.0	16.1	24.1





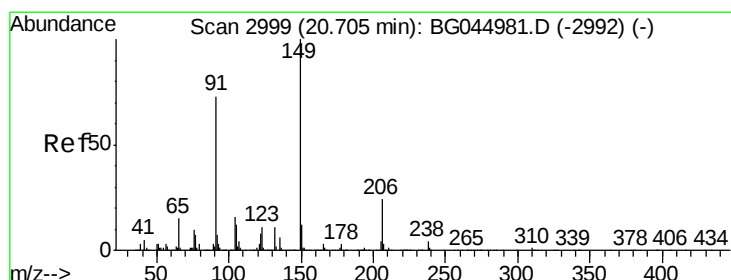
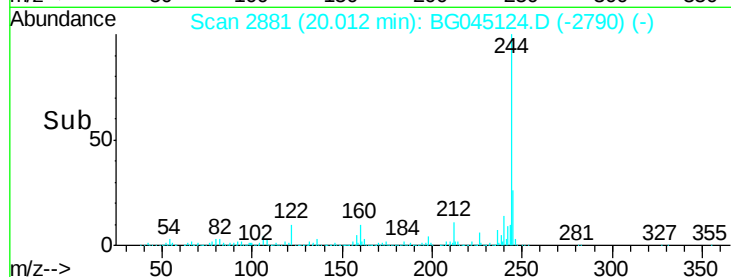
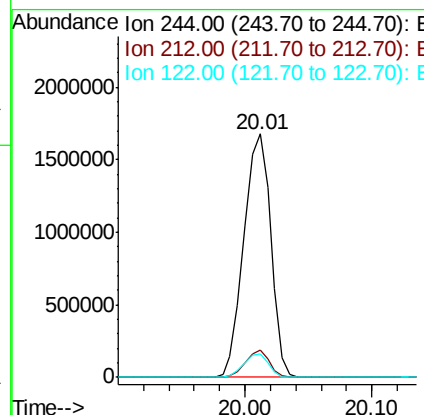
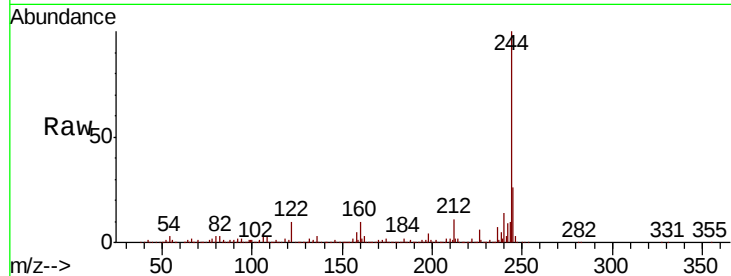
#79
 Terphenyl-d14
 Concen: 102.165 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128381BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.9	11.9
122	9.6	7.7	11.5

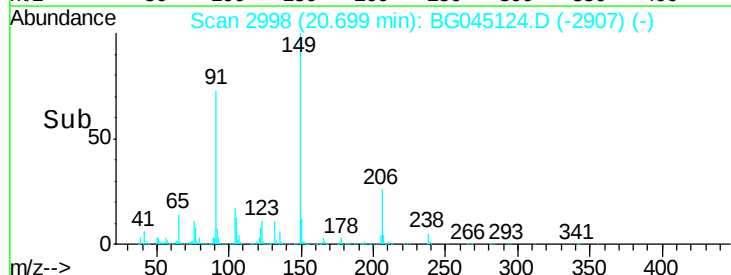
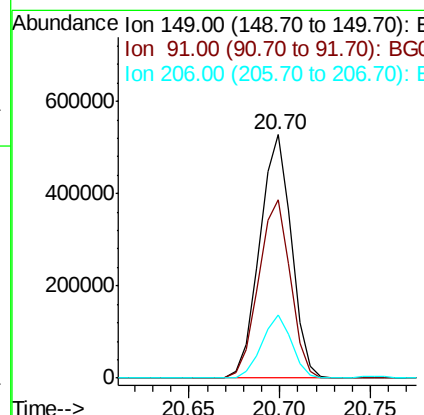
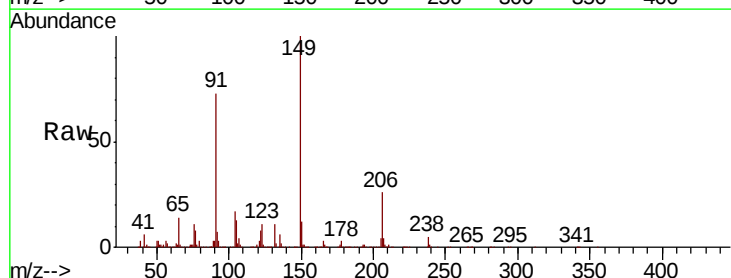
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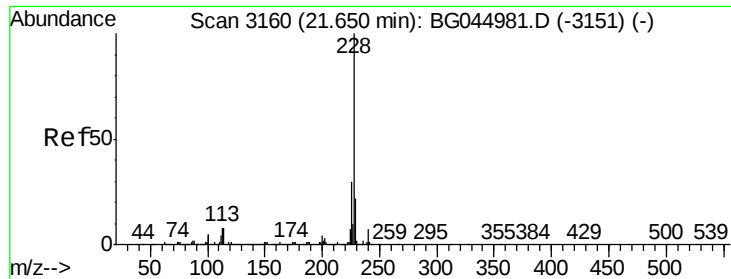
mohammad
 4/24/2020 4:19:08 AM



#80
 Butylbenzylphthalate
 Concen: 42.436 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	58.5	87.7
206	26.0	19.2	28.8





#81

Benzo(a)anthracene

Concen: 45.366 ng

RT: 21.64 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

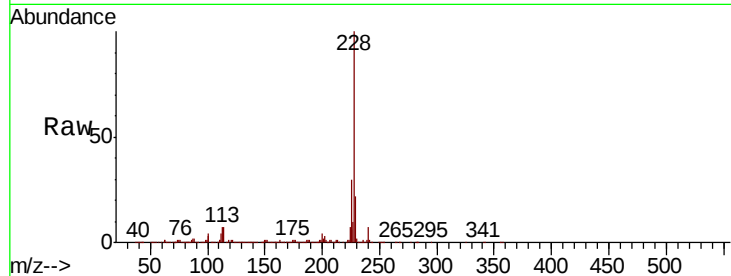
ClientSampleId :

PB128381BS

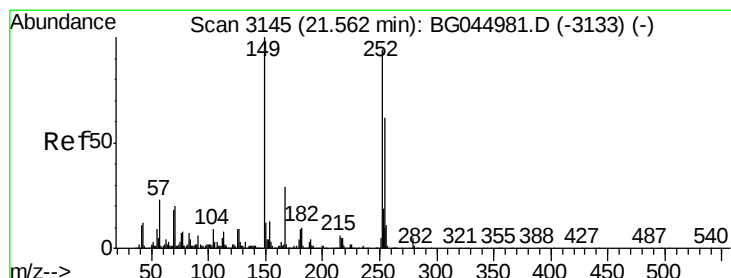
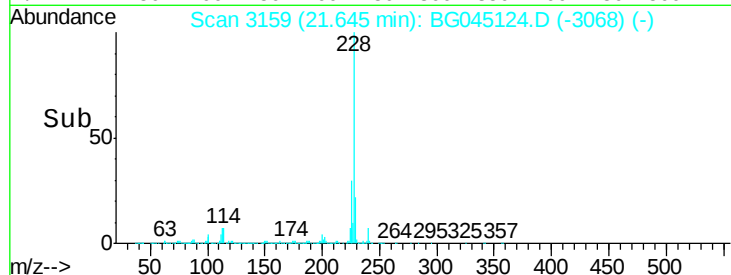
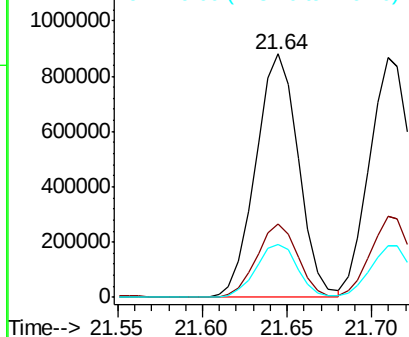
Tot Ion:	228	Resp:	1551221
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.8	17.5	26.3

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Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E
800000
600000
400000
200000
0



#82

3,3'-Dichlorobenzidine

Concen: 32.593 ng

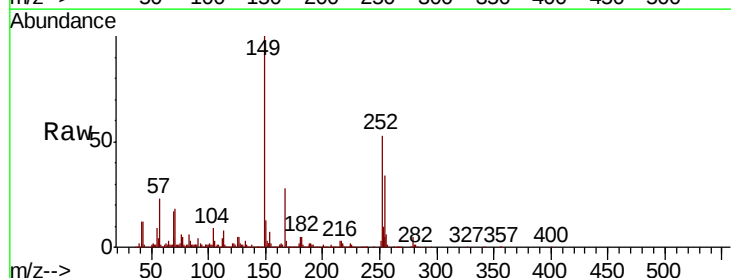
RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

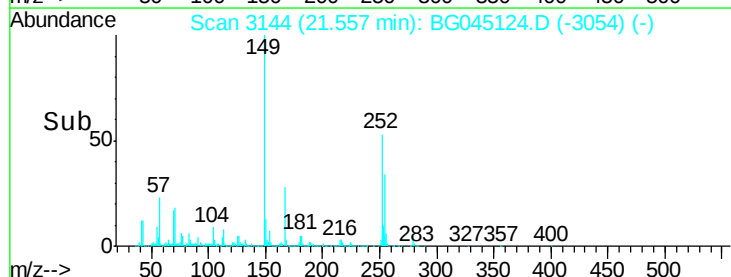
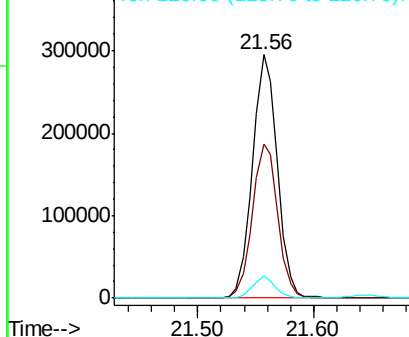
Lab File: BG045124.D

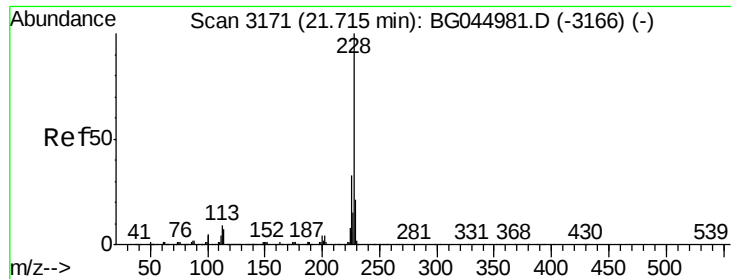
Acq: 22 Apr 2020 13:31

Tgt Ion:	252	Resp:	443584
Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	79.0
126	9.4	7.5	11.3



Abundance Ion 252.00 (251.70 to 252.70): E
400000
Ion 254.00 (253.70 to 254.70): E
300000
Ion 126.00 (125.70 to 126.70): E
200000
100000
0





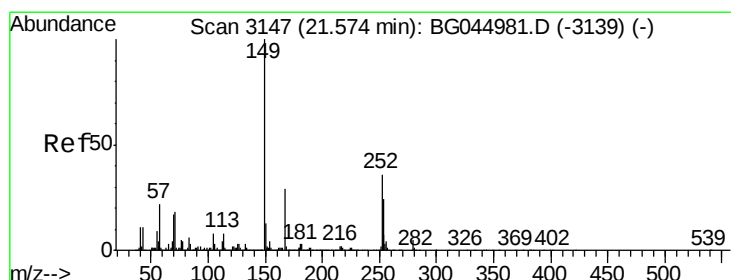
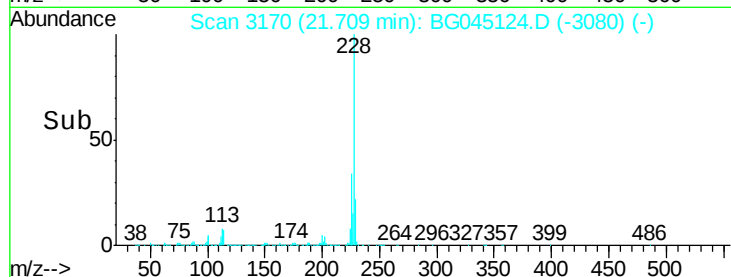
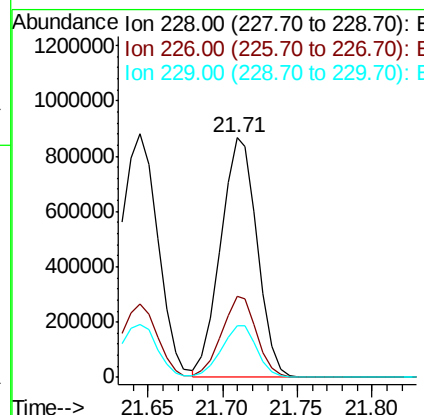
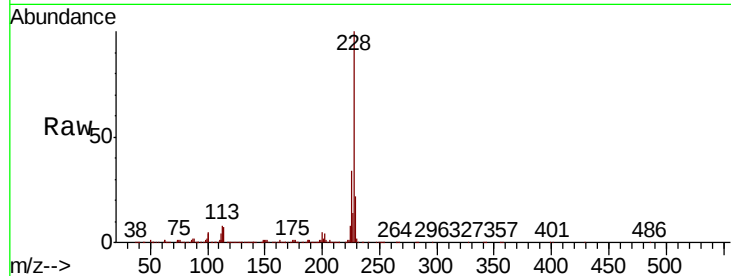
#83
 Chrysene
 Concen: 44.976 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Instrument :
 BNA_G
 ClientSampleID :
 PB128381BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.2	39.4
229	21.6	17.0	25.6

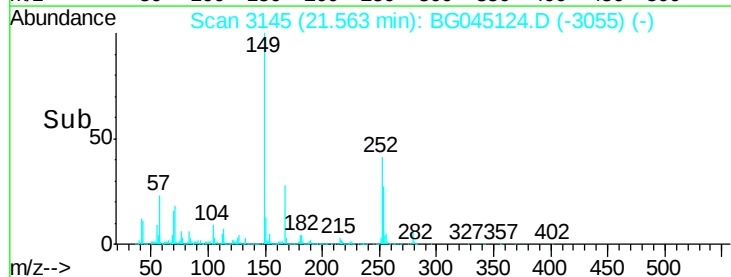
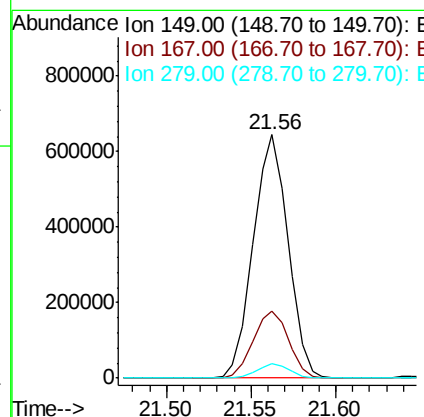
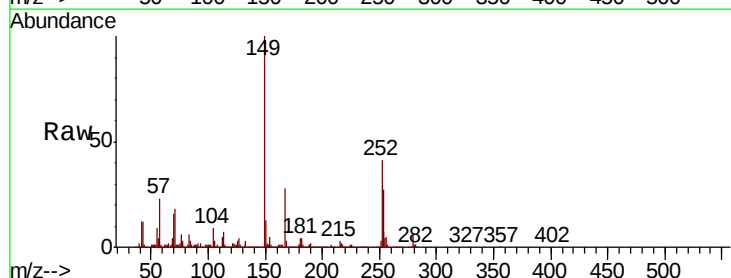
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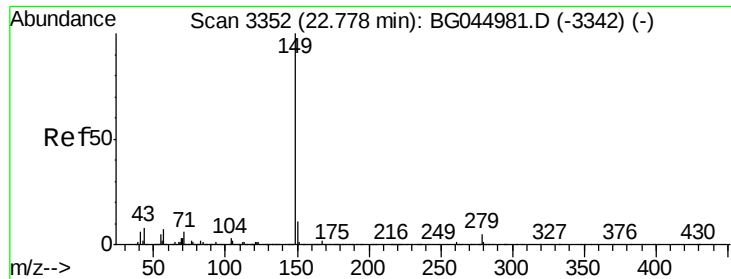
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.475 ng
 RT: 21.56 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG045124.D
 Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	5.8	4.3	6.5





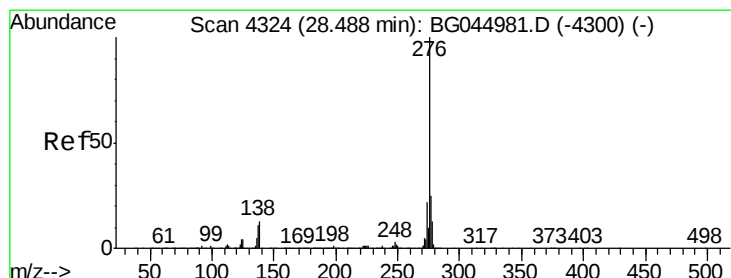
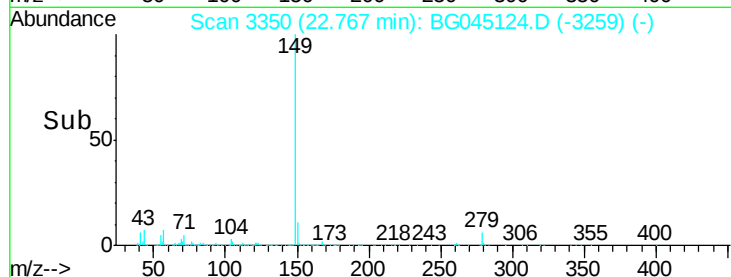
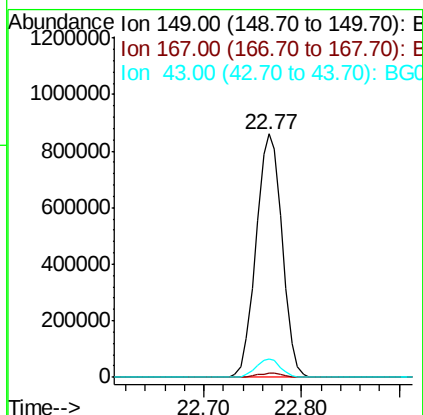
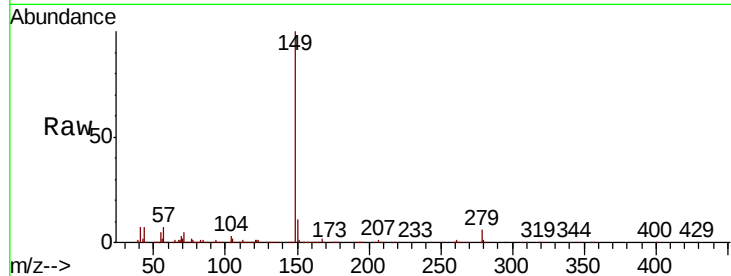
#85
Di-n-octyl phthalate
Concen: 44.992 ng
RT: 22.77 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.2	5.7	8.5

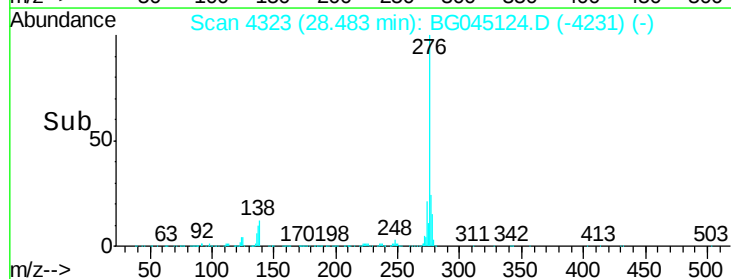
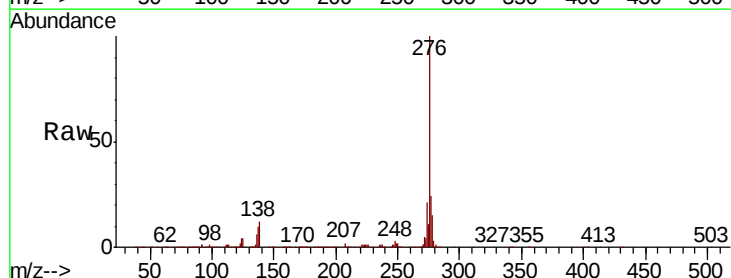
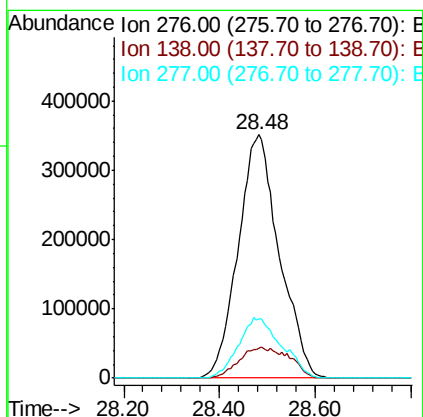
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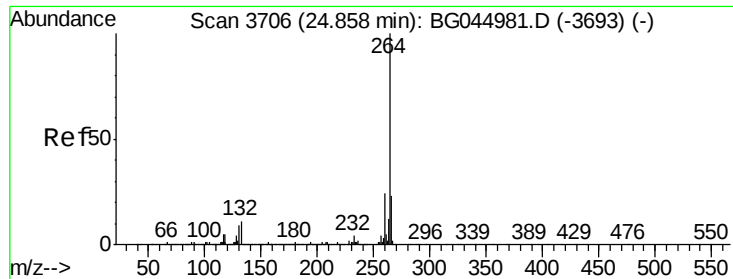
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.922 ng
RT: 28.48 min Scan# 4323
Delta R.T. 0.01 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.6	14.4#
277	25.9	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

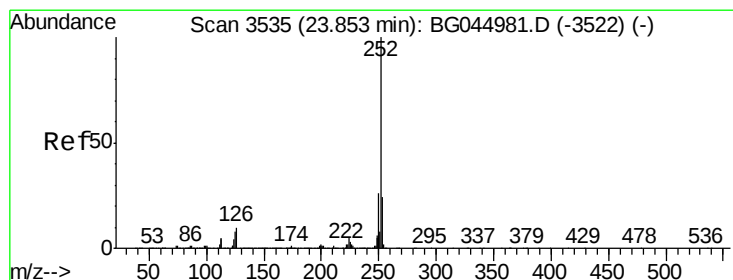
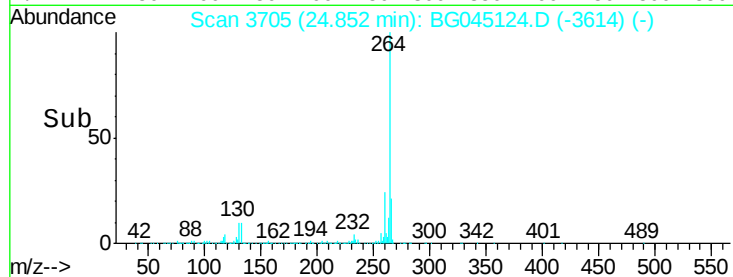
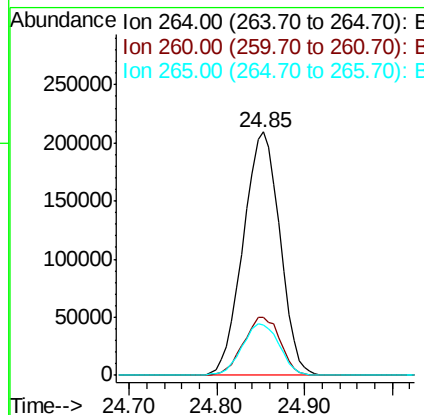
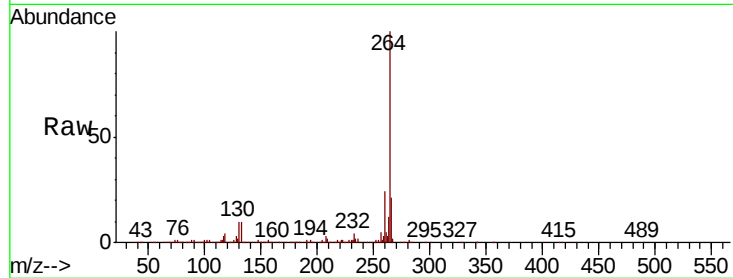
ClientSampleId :

PB128381BS

Tot Ion:	264	Resp:	597479
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	20.7	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 45.926 ng

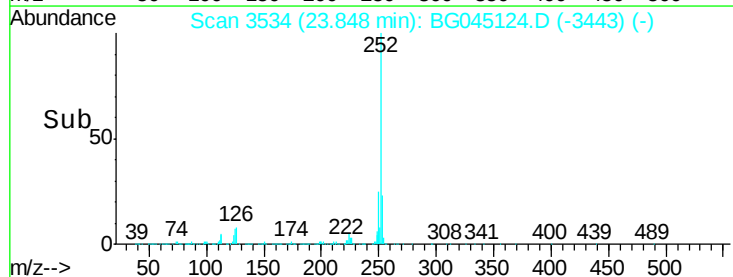
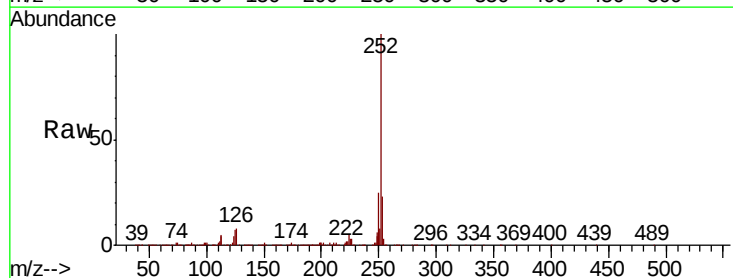
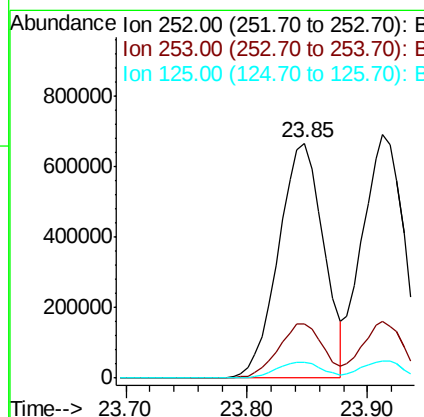
RT: 23.85 min Scan# 3534

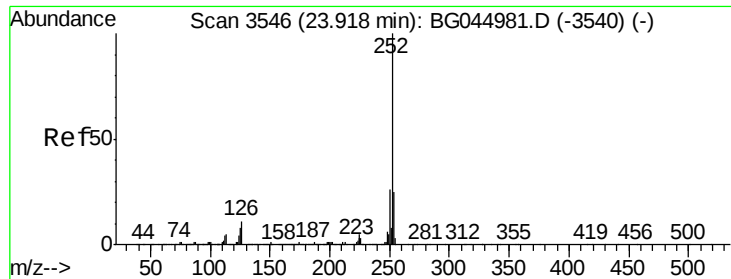
Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:	252	Resp:	1718830
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.8	28.2
125	6.8	6.2	9.4





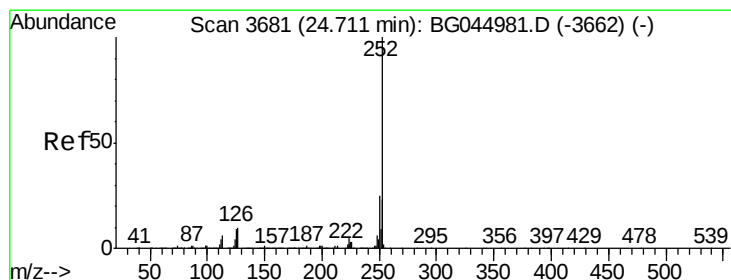
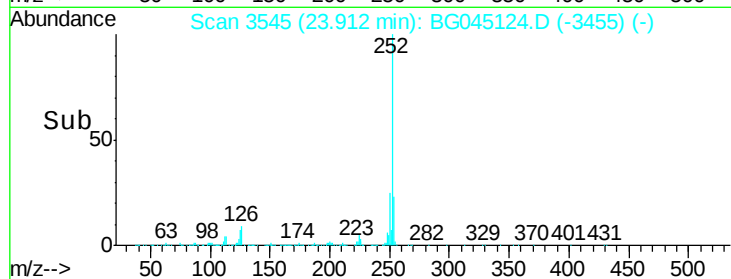
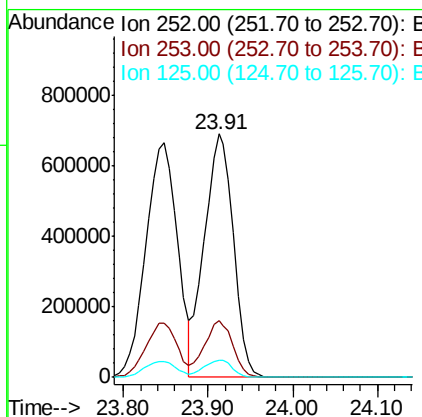
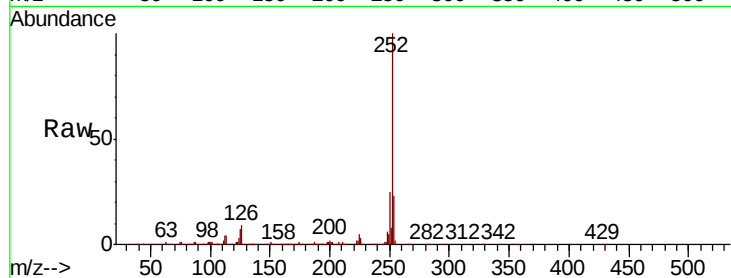
#89
Benzo(k)fluoranthene
Concen: 46.329 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Instrument :
BNA_G
ClientSampleId :
PB128381BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	7.0	5.9	8.9

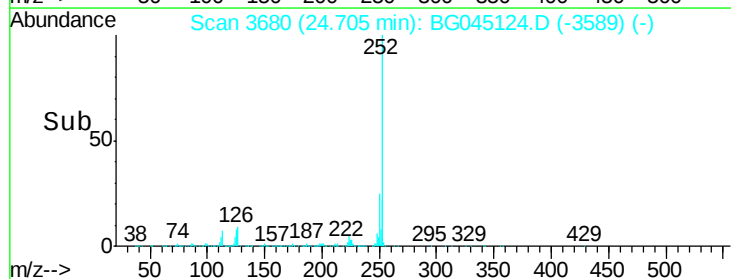
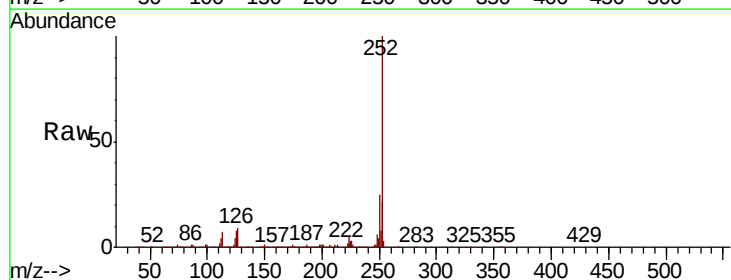
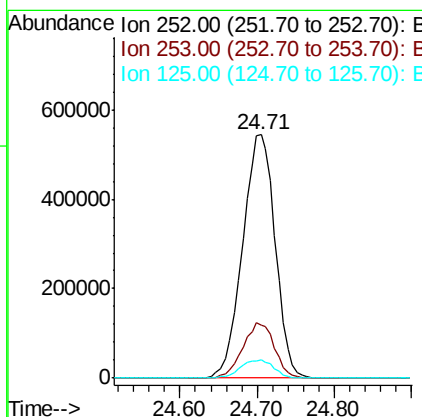
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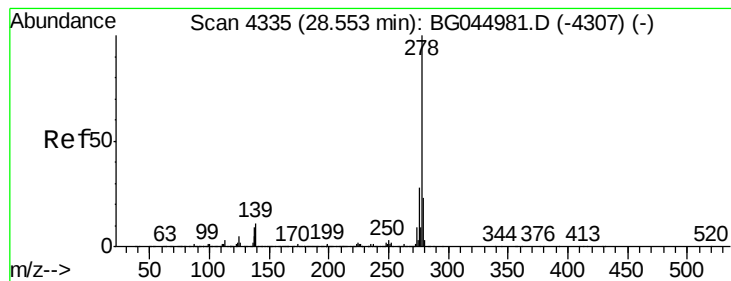
mohammad
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#90
Benzo(a)pyrene
Concen: 45.354 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BG045124.D
Acq: 22 Apr 2020 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	7.6	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 47.030 ng

RT: 28.55 min Scan# 4334

Delta R.T. 0.01 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Instrument :

BNA_G

ClientSampleId :

PB128381BS

Tot Ion:278 Resp: 1674535

Ion Ratio Lower Upper

278 100

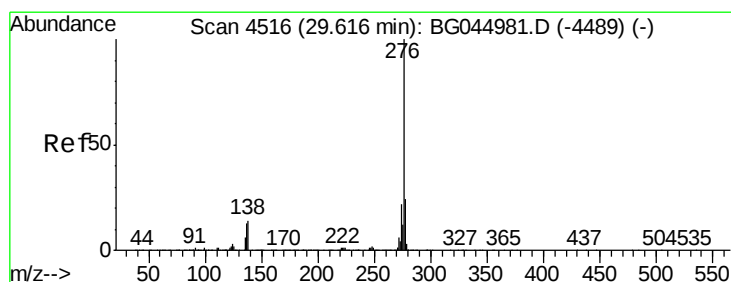
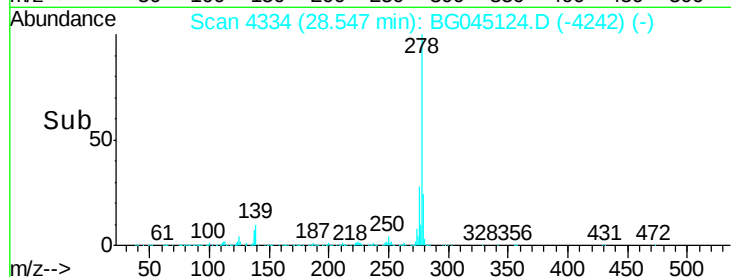
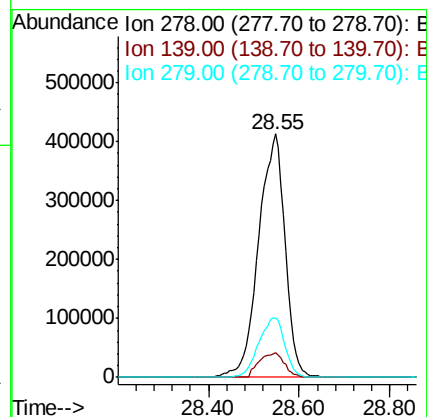
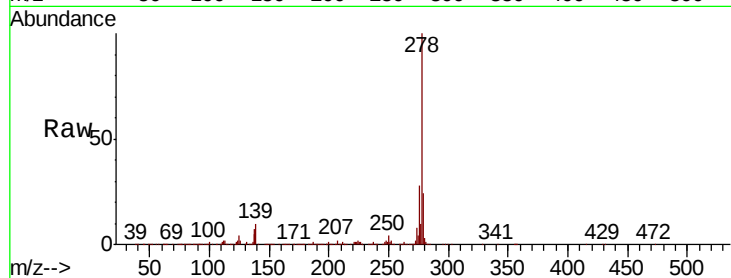
139 10.0 9.0 13.6

279 24.1 18.4 27.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 47.562 ng

RT: 29.61 min Scan# 4515

Delta R.T. 0.00 min

Lab File: BG045124.D

Acq: 22 Apr 2020 13:31

Tgt Ion:276 Resp: 1697817

Ion Ratio Lower Upper

276 100

277 25.3 19.3 28.9

138 14.6 11.4 17.2

