

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043950.D
 Acq On : 7 Jan 2020 11:39
 Operator : JU
 Sample : IDOC-W-01-CG
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-01-CG

Manual Integrations
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Quant Time: Jan 07 16:53:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	113470	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	506060	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	345746	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	748202	20.00	ng	0.00
76) Chrysene-d12	21.59	240	630019	20.00	ng	0.00
87) Perylene-d12	24.72	264	702457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	781063	126.39	ng	0.00
7) Phenol-d6	7.13	99	1046640	121.16	ng	0.00
23) Nitrobenzene-d5	9.12	82	654976	69.24	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	402257	111.18	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1454311	76.21	ng	0.00
79) Terphenyl-d14	19.95	244	2061464	76.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	111305	41.308	ng	98
3) Pyridine	3.82	79	269362	33.839	ng	95
4) n-Nitrosodimethylamine	3.74	42	143274	40.427	ng	98
6) Aniline	7.28	93	369299	32.548	ng	99
8) 2-Chlorophenol	7.53	128	335090	46.187	ng	99
9) Benzaldehyde	7.09	77	199161	36.023	ng	99
10) Phenol	7.15	94	420716	47.270	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	313692	40.831	ng	99
12) 1,3-Dichlorobenzene	7.85	146	337309	39.731	ng	99
13) 1,4-Dichlorobenzene	8.00	146	340760	40.679	ng	99
14) 1,2-Dichlorobenzene	8.32	146	325662	40.503	ng	99
15) Benzyl Alcohol	8.20	79	291650	42.779	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	430272	36.200	ng	98
17) 2-Methylphenol	8.41	107	295336	45.854	ng	97
18) Hexachloroethane	9.05	117	129287	39.664	ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	252013	39.174	ng	98
20) 3+4-Methylphenols	8.73	107	405138	45.090	ng	100
22) Acetophenone	8.78	105	458317	36.429	ng	99
24) Nitrobenzene	9.16	77	355683	37.963	ng	99
25) Isophorone	9.69	82	678851	38.250	ng	100
26) 2-Nitrophenol	9.87	139	184458	41.613	ng	99
27) 2,4-Dimethylphenol	9.94	122	325252	48.745	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	432995	36.596	ng	99
29) 2,4-Dichlorophenol	10.41	162	336745	42.309	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	329756	36.951	ng	98
31) Naphthalene	10.81	128	985741	40.252	ng	99
32) Benzoic acid	10.07	122	122602	25.881	ng	98
33) 4-Chloroaniline	10.91	127	278922	23.880	ng	97
34) Hexachlorobutadiene	11.11	225	189989	34.868	ng	99
35) Caprolactam	11.68	113	126758m	42.781	ng	
36) 4-Chloro-3-methylphenol	12.04	107	368313	43.469	ng	98
37) 2-Methylnaphthalene	12.42	142	748395	40.592	ng	96
38) 1-Methylnaphthalene	12.64	142	711584	40.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	352623	34.797	ng	99

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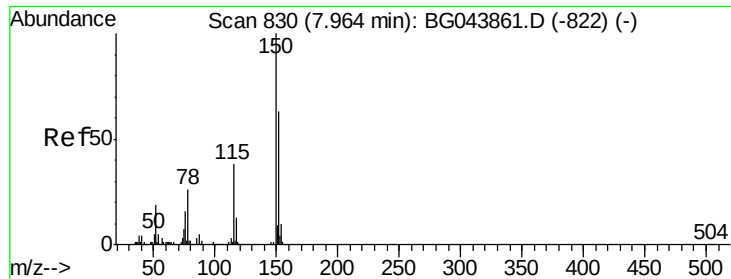
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	453061	86.235	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	267094	38.305	ng	99
44) 2,4,5-Trichlorophenol	13.10	196	296169	41.182	ng	99
46) 1,1'-Biphenyl	13.43	154	946014	38.162	ng	100
47) 2-Chloronaphthalene	13.47	162	734230	36.654	ng	99
48) 2-Nitroaniline	13.66	65	240564	37.334	ng	97
49) Acenaphthylene	14.32	152	1175605	40.832	ng	99
50) Dimethylphthalate	14.05	163	959482	39.084	ng	98
51) 2,6-Dinitrotoluene	14.16	165	221973	40.004	ng	98
52) Acenaphthene	14.66	154	833202	41.266	ng	98
53) 3-Nitroaniline	14.49	138	180402	28.630	ng	98
54) 2,4-Dinitrophenol	14.70	184	187291	67.197	ng	96
55) Dibenzofuran	14.99	168	1128675	40.607	ng	100
56) 4-Nitrophenol	14.80	139	425492	88.120	ng	95
57) 2,4-Dinitrotoluene	14.95	165	310595	41.138	ng	97
58) Fluorene	15.64	166	901229	40.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	258546	41.808	ng	97
60) Diethylphthalate	15.41	149	986263	40.167	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	470750	39.352	ng	98
62) 4-Nitroaniline	15.66	138	240005	38.571	ng	97
63) Azobenzene	15.93	77	926962	40.707	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	157946	41.615	ng	98
66) n-Nitrosodiphenylamine	15.85	169	852520	38.692	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	303466	36.063	ng	98
68) Hexachlorobenzene	16.65	284	328209	36.197	ng	98
69) Atrazine	16.80	200	319350	44.589	ng	99
70) Pentachlorophenol	16.99	266	352067	70.436	ng	99
71) Phenanthrene	17.38	178	1426481	39.749	ng	99
72) Anthracene	17.47	178	1465128	41.309	ng	99
73) Carbazole	17.74	167	1340188	40.907	ng	99
74) Di-n-butylphthalate	18.31	149	1625922	38.871	ng	99
75) Fluoranthene	19.39	202	1621277	39.502	ng	99
77) Benzidine	19.56	184	728759	46.019	ng	99
78) Pyrene	19.74	202	1624945	39.513	ng	98
80) Butylbenzylphthalate	20.64	149	756373	38.632	ng	100
81) Benzo(a)anthracene	21.57	228	1567548	40.126	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	492835	31.932	ng	100
83) Chrysene	21.63	228	1498196	40.361	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1077412	39.882	ng	98
85) Di-n-octyl phthalate	22.68	149	1851646	40.771	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1891944	37.504	ng	99
88) Benzo(b)fluoranthene	23.73	252	1636616	39.410	ng	100
89) Benzo(k)fluoranthene	23.79	252	1652506	41.846	ng	99
90) Benzo(a)pyrene	24.57	252	1553854	39.644	ng	97
91) Dibenzo(a,h)anthracene	28.32	278	1572245	39.942	ng	99
92) Benzo(g,h,i)perylene	29.37	276	1550557	39.656	ng	99

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



#1

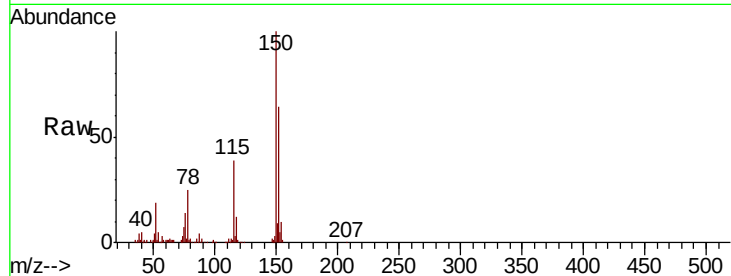
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.0	190.4
115	61.1	47.8	71.8

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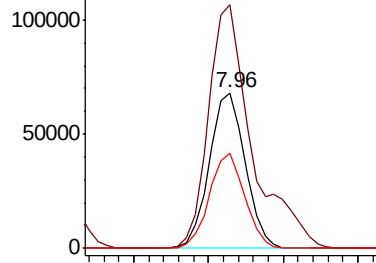


Abundance

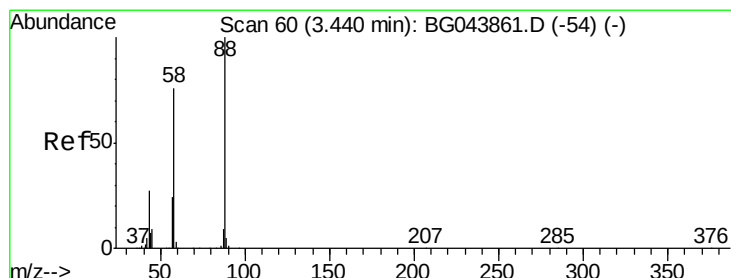
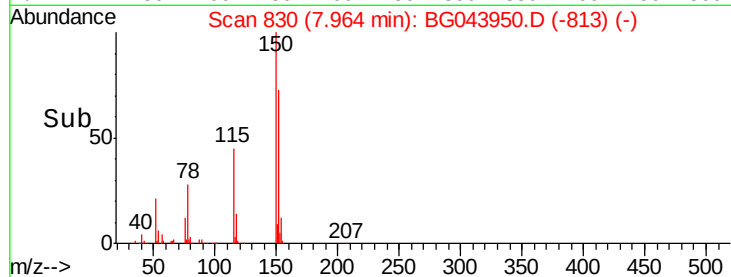
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



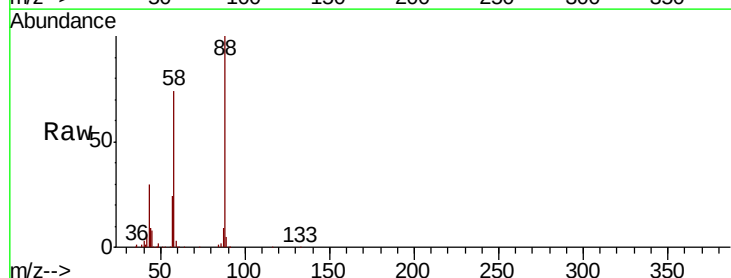
Time-->



#2

1,4-Dioxane
Concen: 41.308 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	59.8	89.8
43	30.5	22.9	34.3

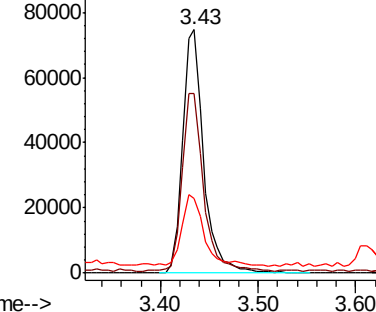


Abundance

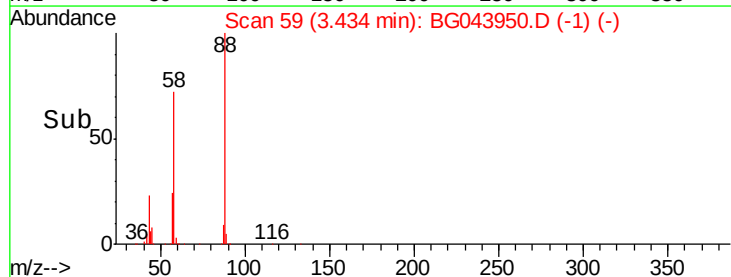
Ion 88.00 (87.70 to 88.70): BGC

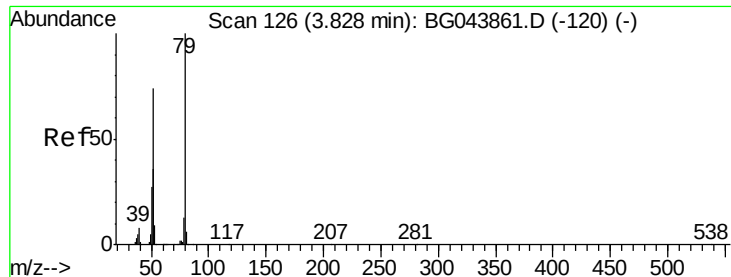
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 33.839 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

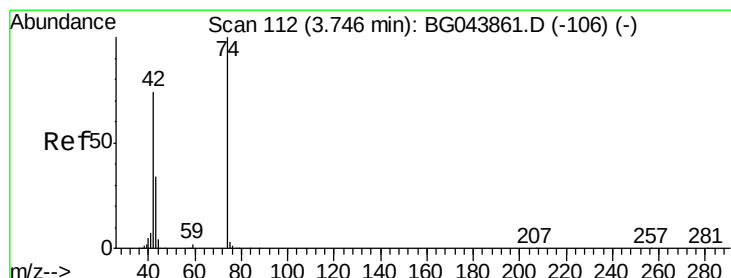
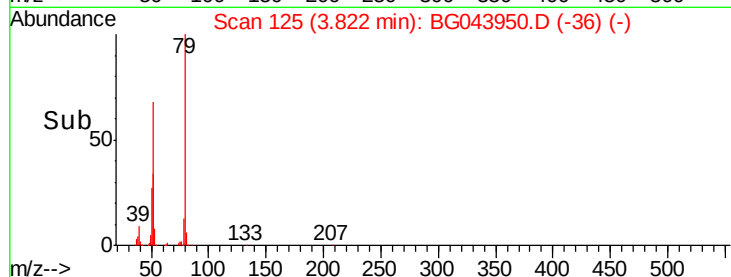
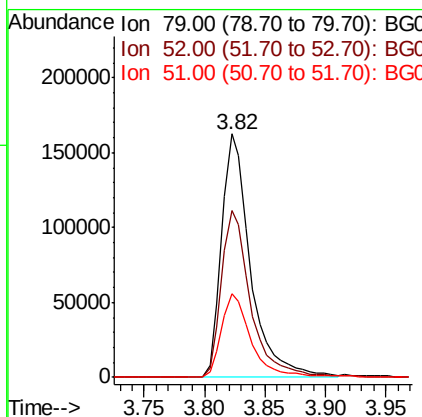
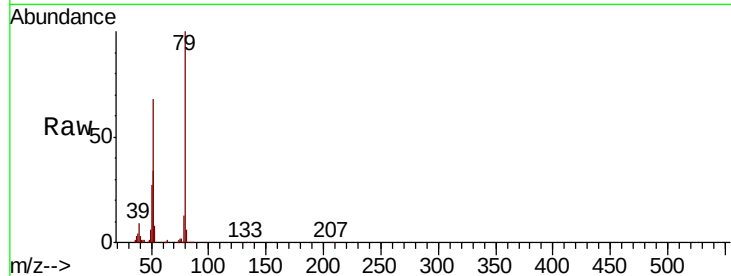
ClientSampleId :

IDOC-W-01-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		269362		
52	68.4	58.9	88.3		
51	34.1	28.6	43.0		

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#4

n-Nitrosodimethylamine

Concen: 40.427 ng

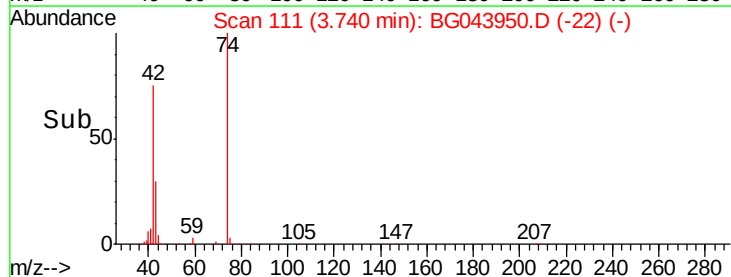
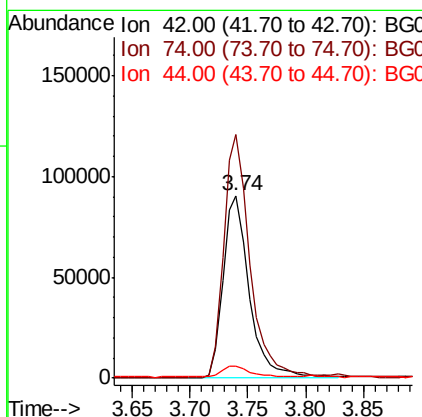
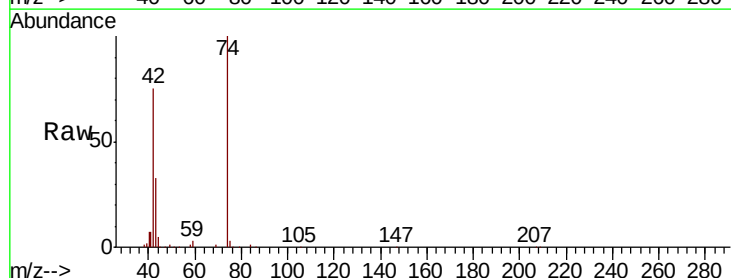
RT: 3.74 min Scan# 111

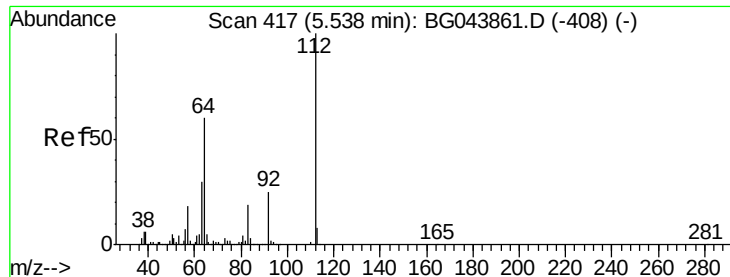
Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		143274		
74	133.2	108.6	162.8		
44	6.8	5.0	7.6		





#5

2-Fluorophenol

Concen: 126.388 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

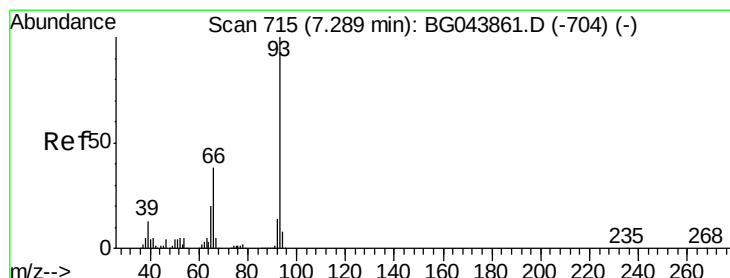
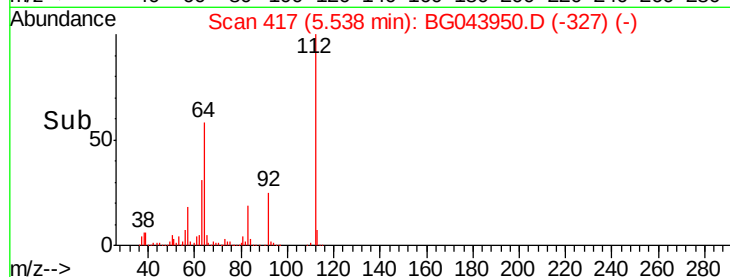
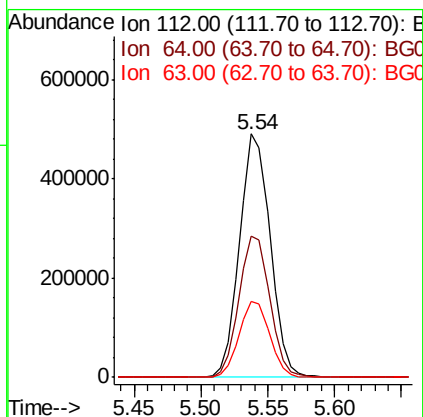
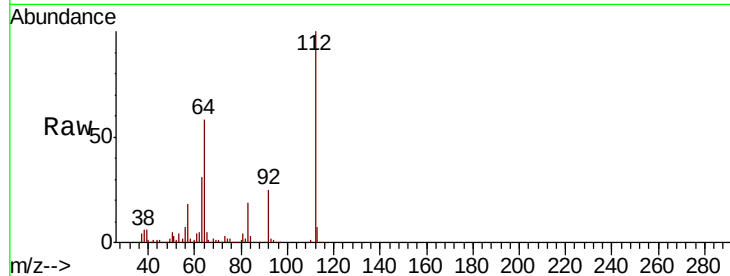
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	112	Resp:	781063
Ion Ratio	Lower	Upper	
112	100		
64	57.9	47.8	71.6
63	31.0	24.3	36.5

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#6

Aniline

Concen: 32.548 ng

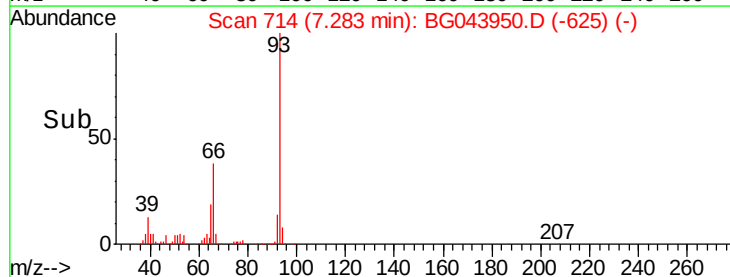
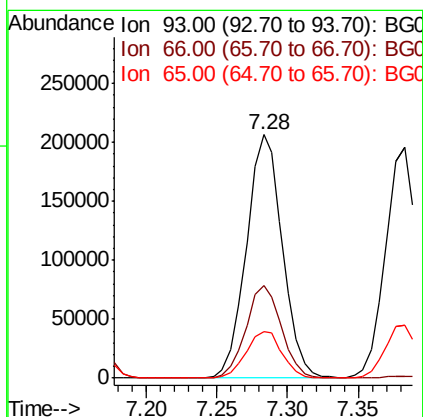
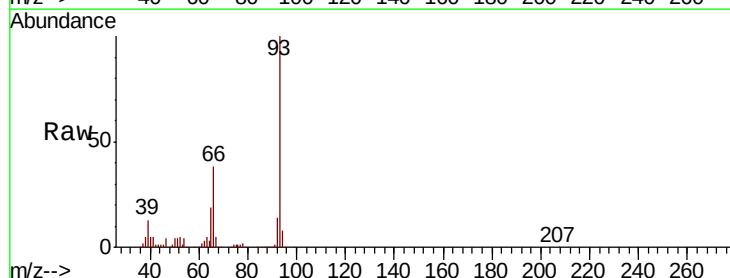
RT: 7.28 min Scan# 714

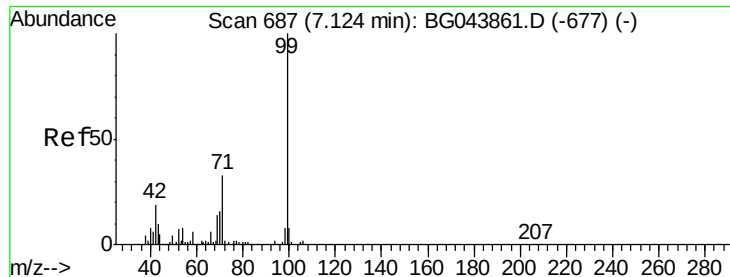
Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	93	Resp:	369299
Ion Ratio	Lower	Upper	
93	100		
66	38.1	30.8	46.2
65	19.1	16.0	24.0





#7

Phenol-d6

Concen: 121.162 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

IDOC-W-01-CG

Tot Ion: 99 Resp: 1046640

Ion Ratio Lower Upper

99 100

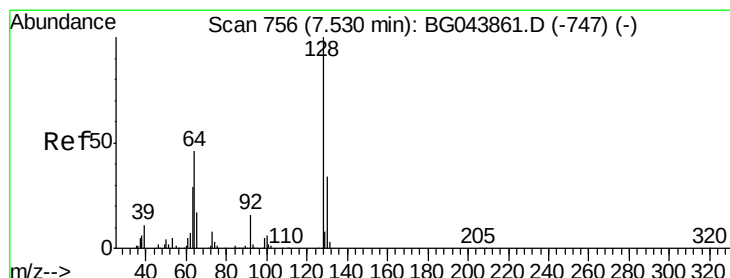
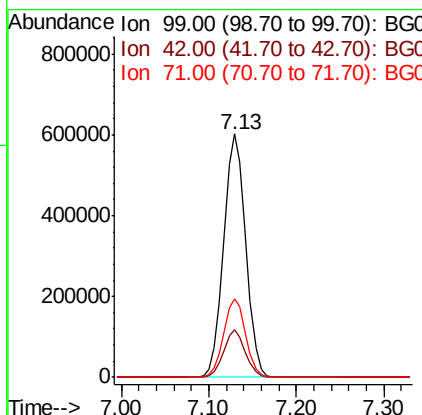
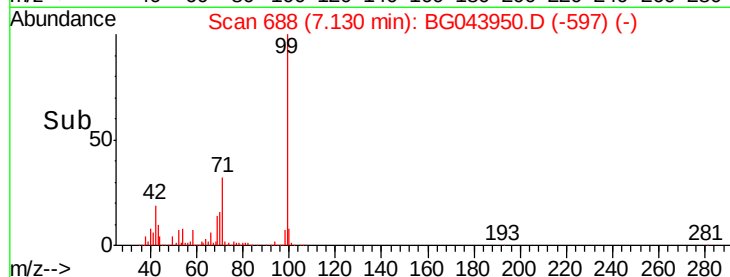
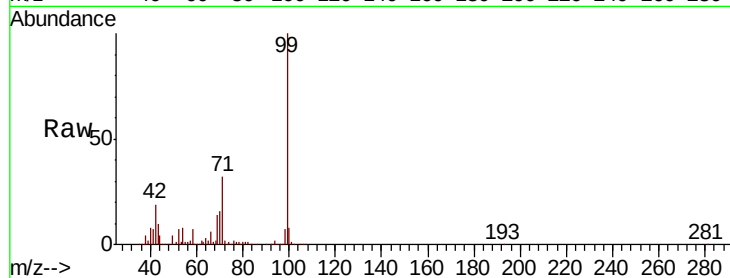
42 19.4 14.9 22.3

71 32.0 26.4 39.6

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#8

2-Chlorophenol

Concen: 46.187 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

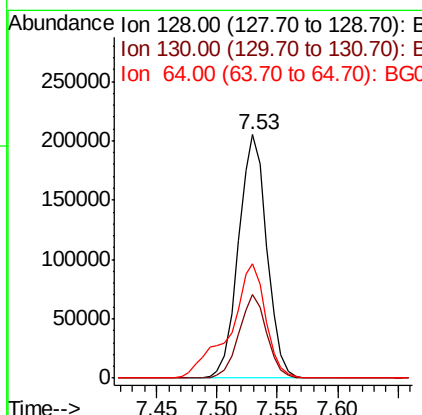
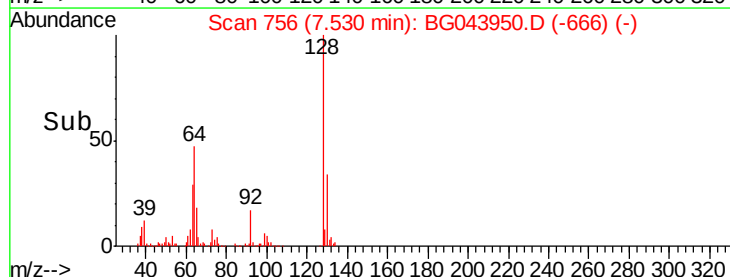
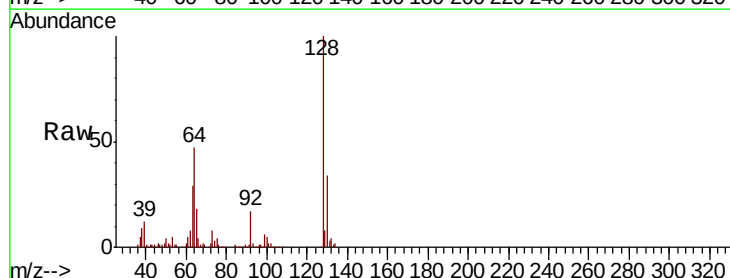
Tgt Ion: 128 Resp: 335090

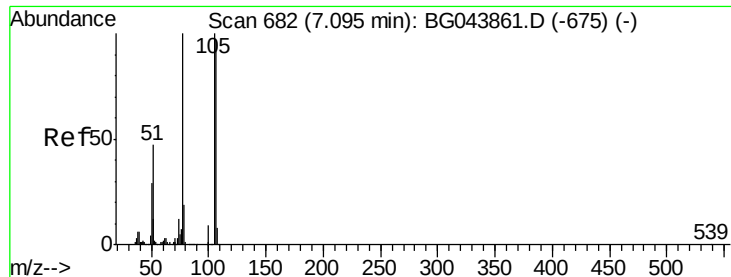
Ion Ratio Lower Upper

128 100

130 34.2 13.8 53.8

64 47.0 27.6 67.6





#9

Benzaldehyde

Concen: 36.023 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

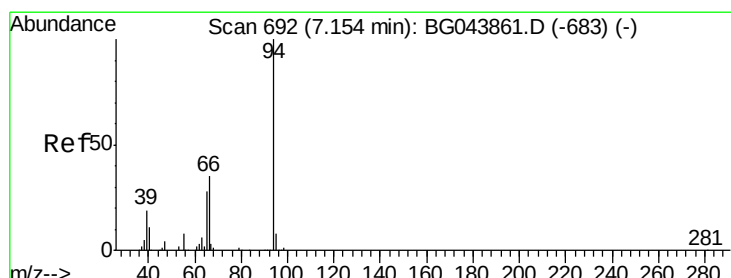
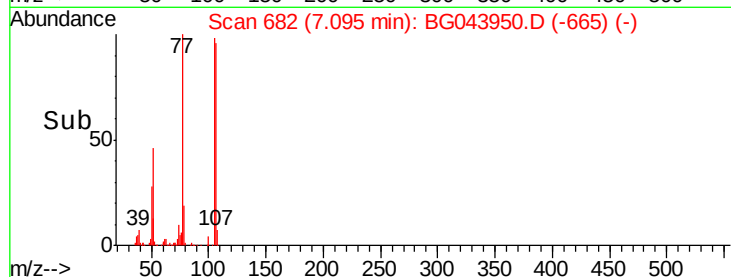
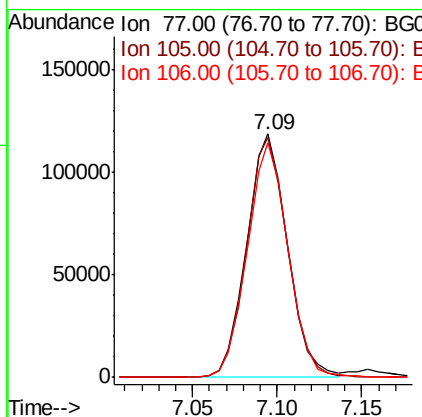
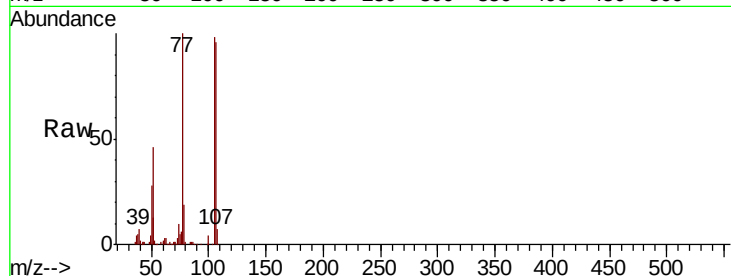
ClientSampleId :

IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.2	120.2
106	96.3	77.2	117.2

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#10

Phenol

Concen: 47.270 ng

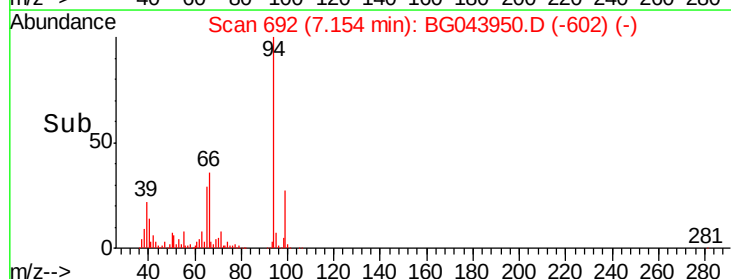
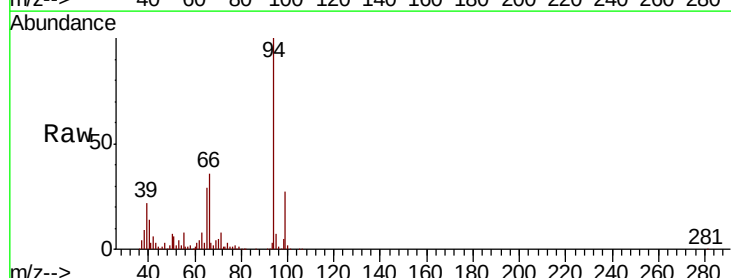
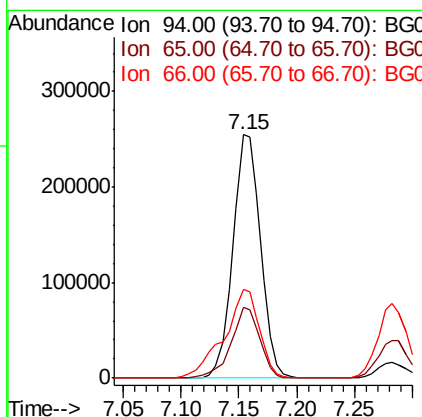
RT: 7.15 min Scan# 692

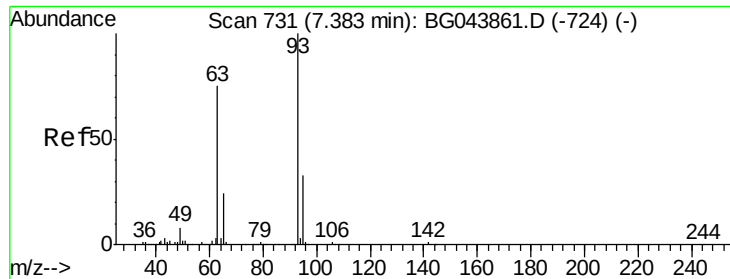
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.1	48.1
66	36.4	15.6	55.6





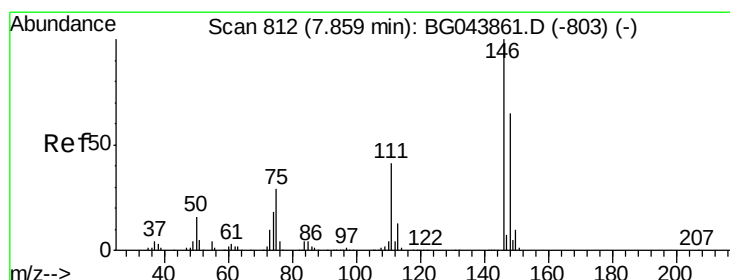
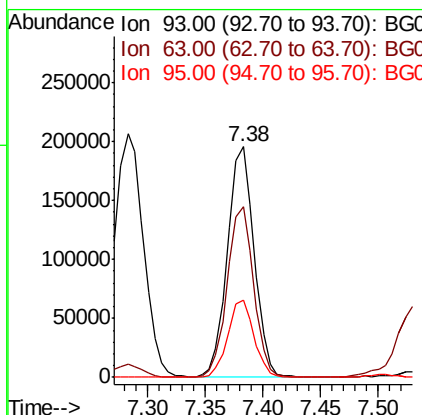
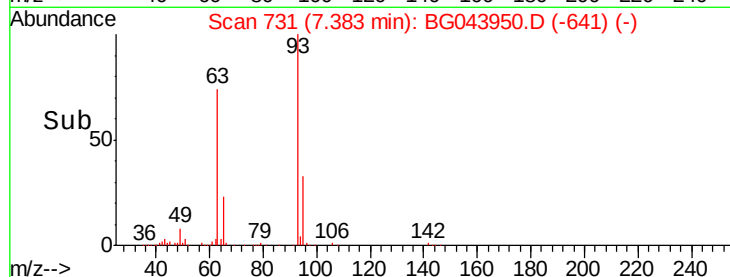
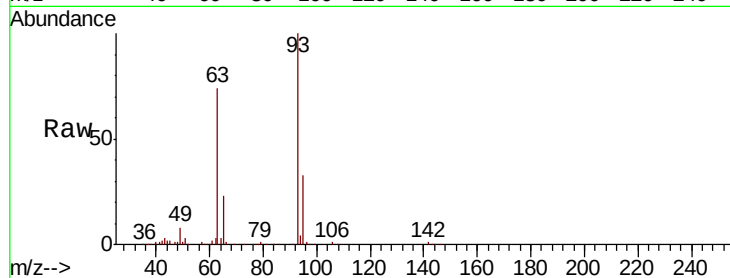
#11
bis(2-Chloroethyl)ether
Concen: 40.831 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	55.0	95.0
95	33.4	13.3	53.3

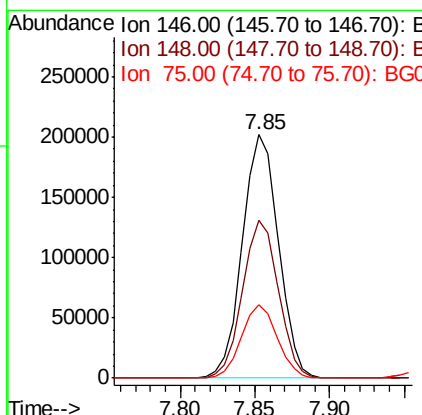
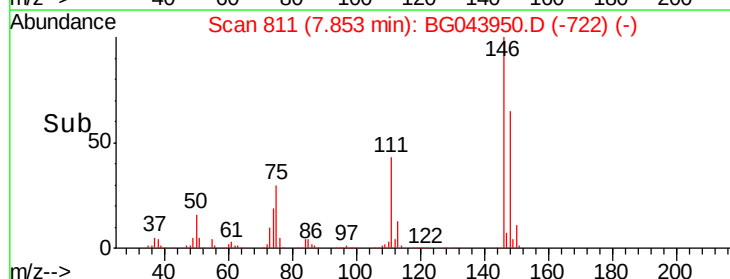
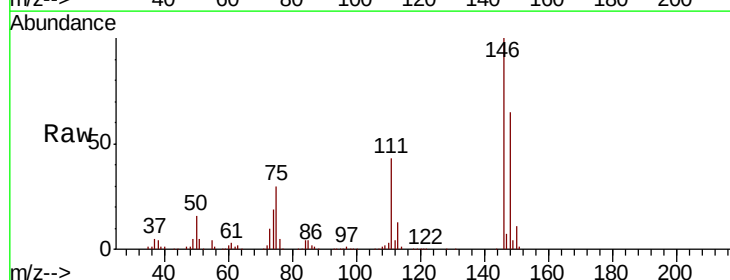
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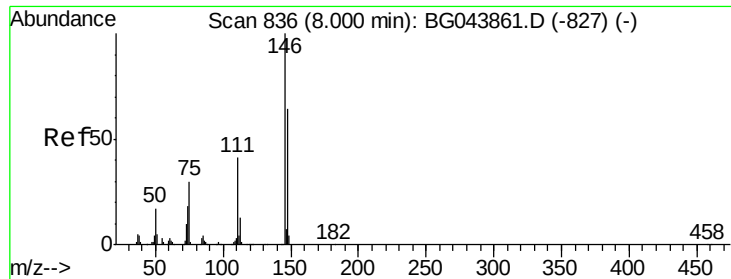
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.731 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
75	30.4	23.0	34.4





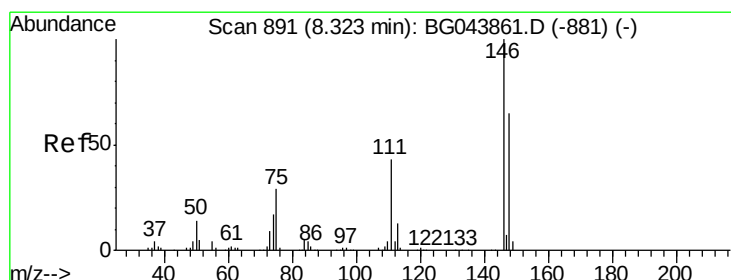
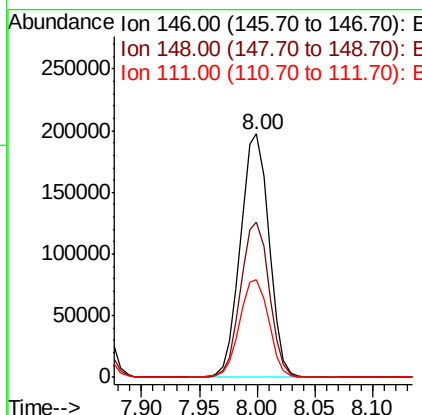
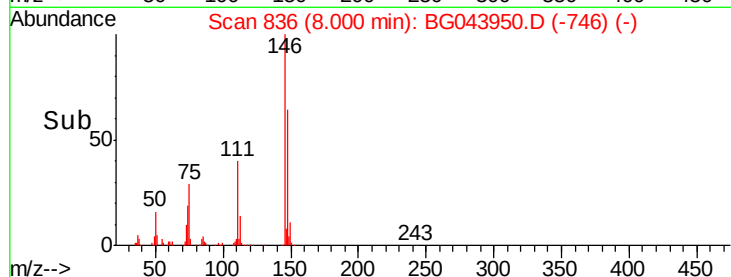
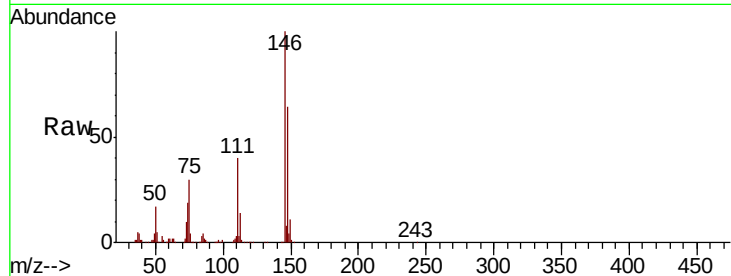
#13
1,4-Dichlorobenzene
Concen: 40.679 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampled :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	40.4	33.1	49.7

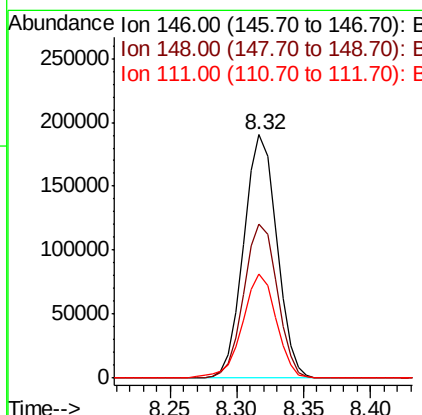
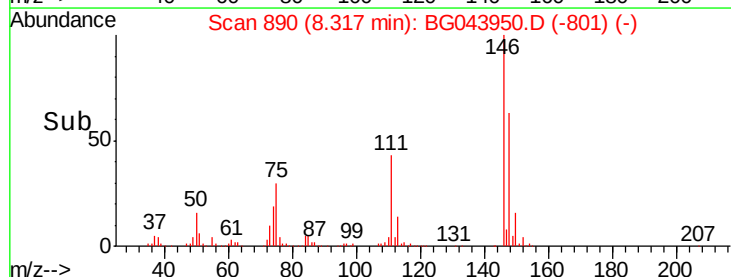
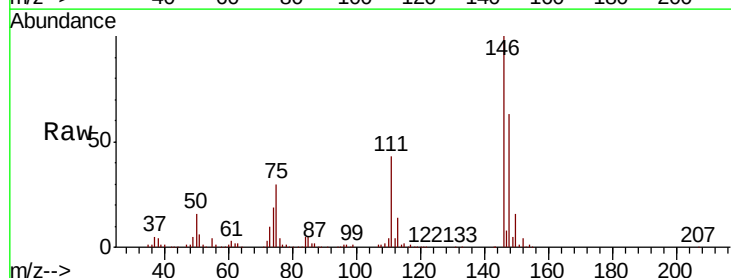
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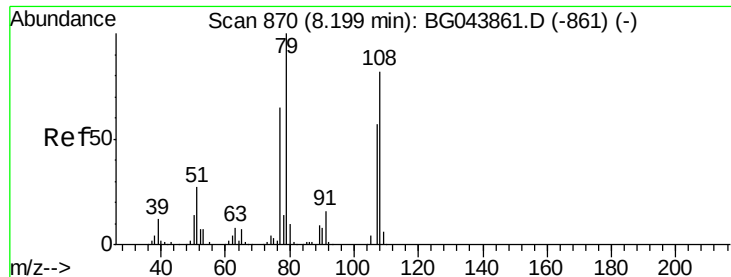
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.503 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
111	42.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.779 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

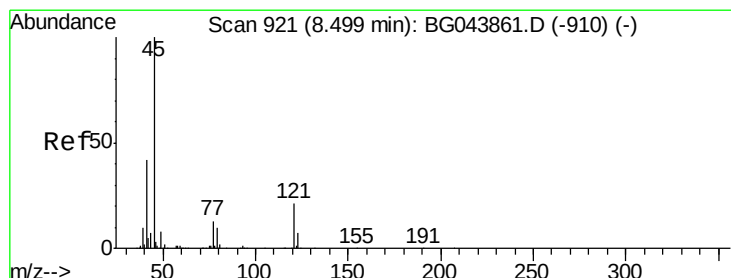
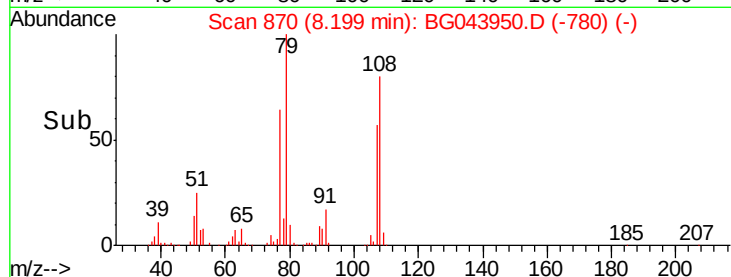
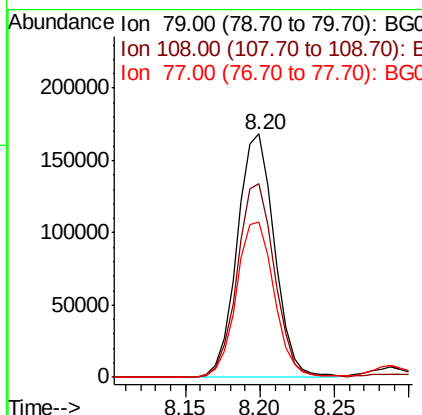
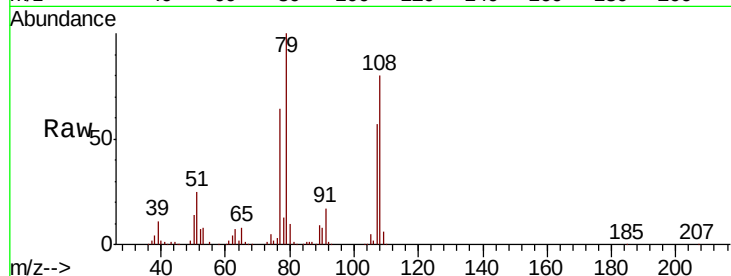
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	79	Resp:	291650
Ion Ratio	Lower	Upper	
79	100		
108	79.6	65.6	98.4
77	63.6	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.200 ng

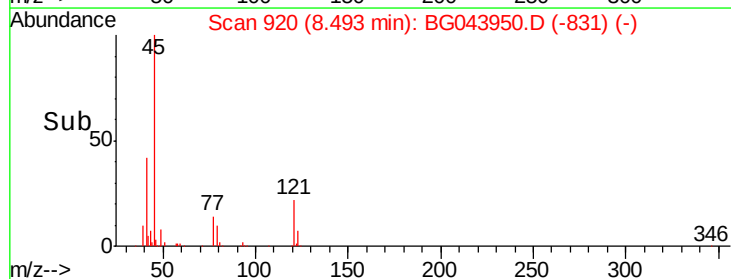
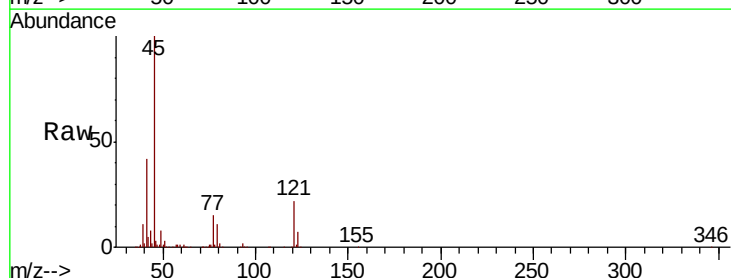
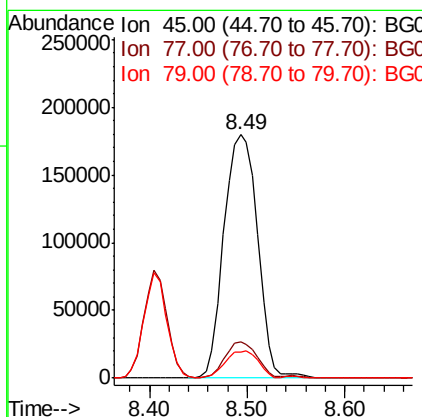
RT: 8.49 min Scan# 920

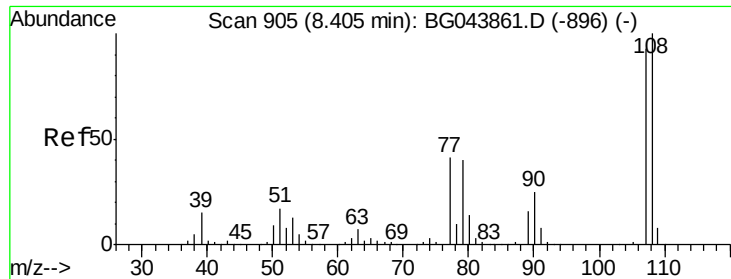
Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	45	Resp:	430272
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	10.6	0.0	31.0





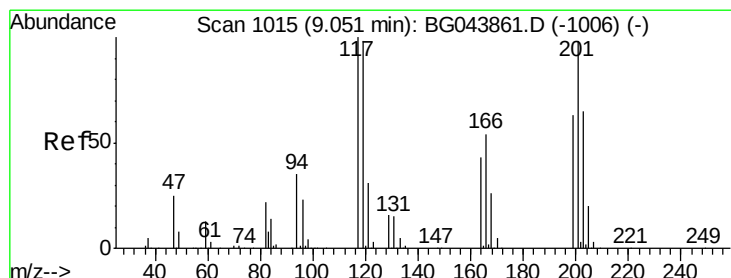
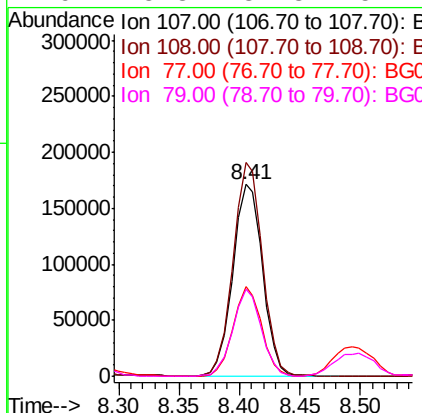
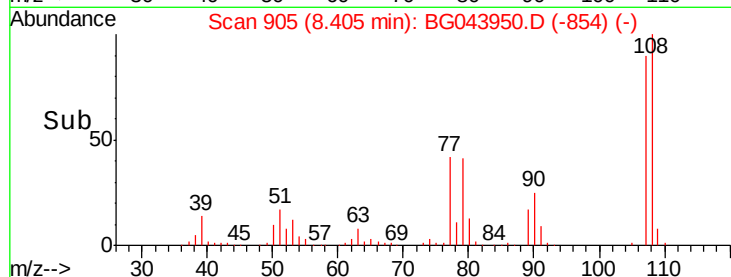
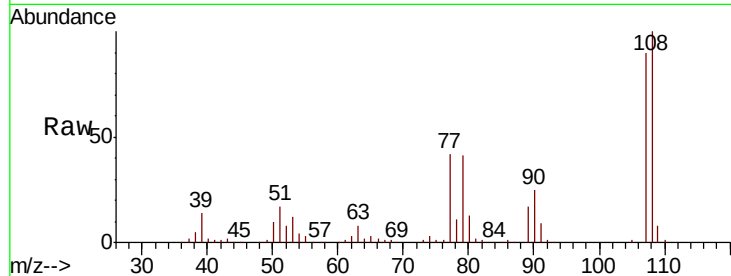
#17
2-Methylphenol
Concen: 45.854 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	295336		
108	108.00	111.4		86.1	129.1
77	77.00	46.6		35.4	53.0
79	79.00	45.3		34.8	52.2

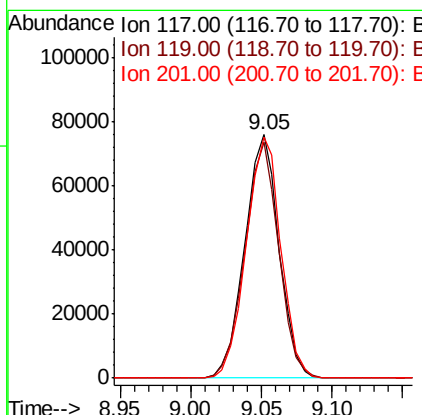
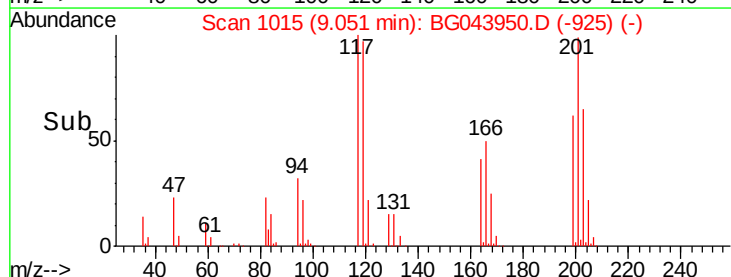
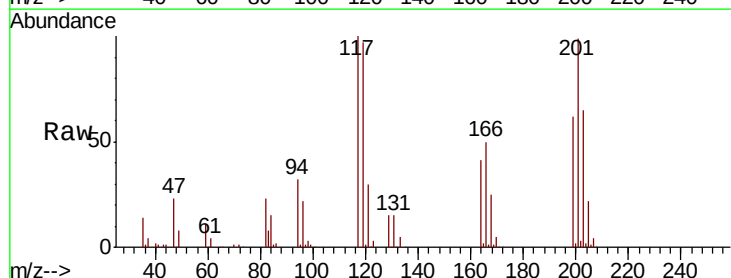
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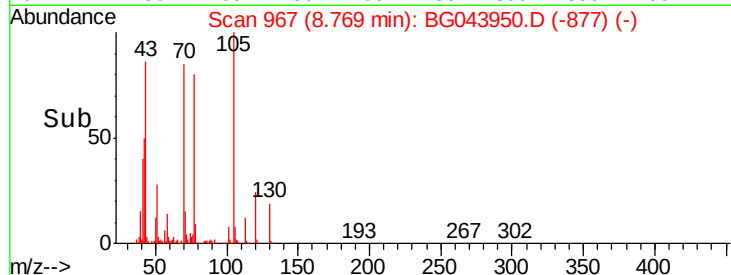
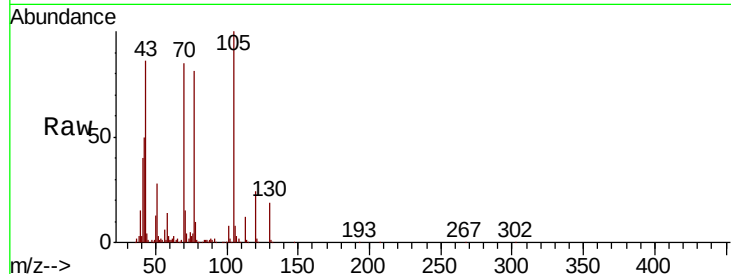
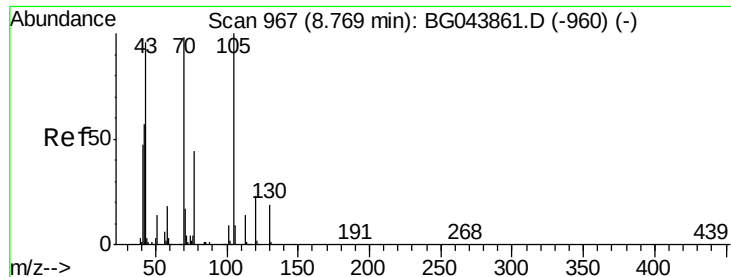
mohammad
1/8/2020 4:25:59 PM



#18
Hexachloroethane
Concen: 39.664 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	129287		
119	119.00	97.1		78.1	117.1
201	201.00	99.0		78.6	117.8





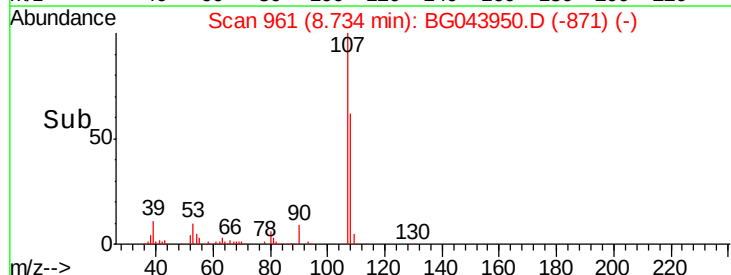
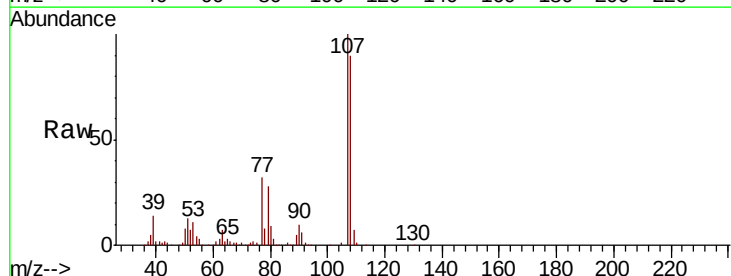
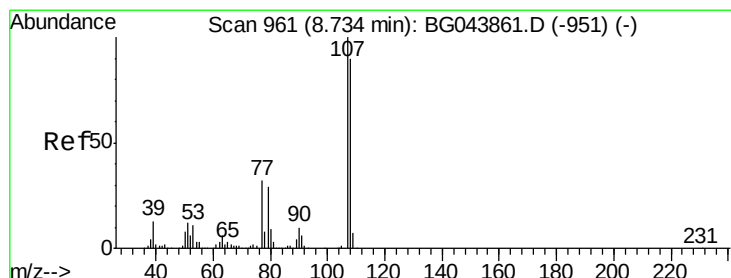
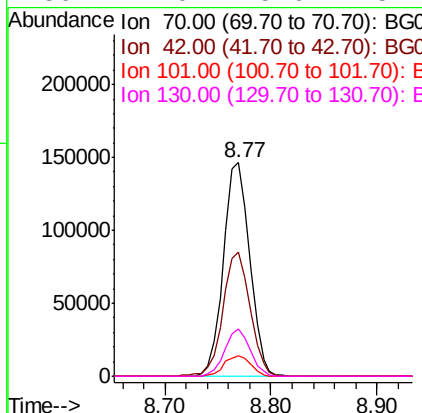
#19
n-Nitroso-di-n-propylamine
Concen: 39.174 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.4	47.0	70.4	
101	9.4	7.2	10.8	
130	22.0	15.6	23.4	

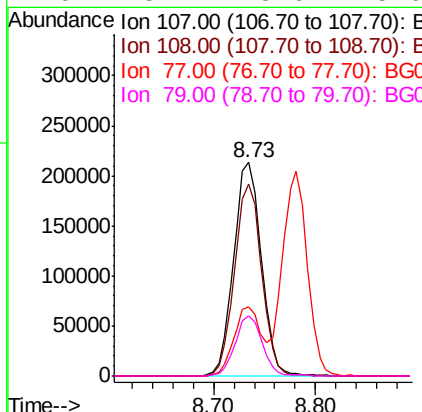
Manual Integrations
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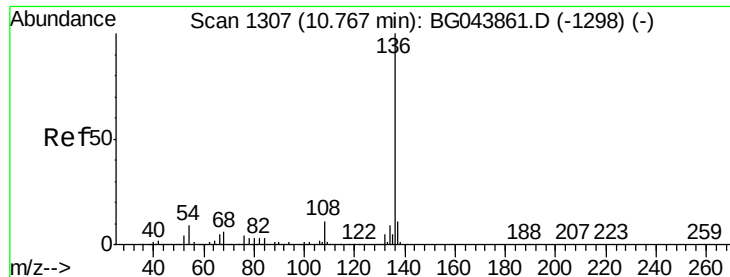
mohammad
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#20
3+4-Methylphenols
Concen: 45.090 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	70.3	110.3	
77	32.4	12.4	52.4	
79	28.2	8.6	48.6	





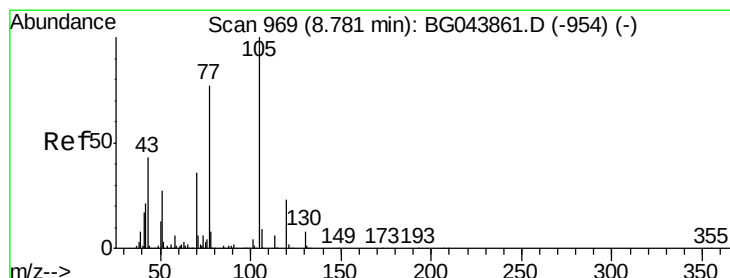
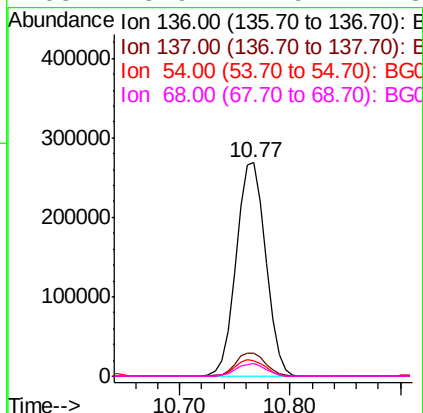
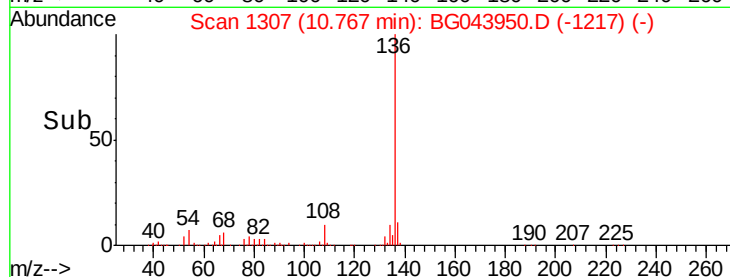
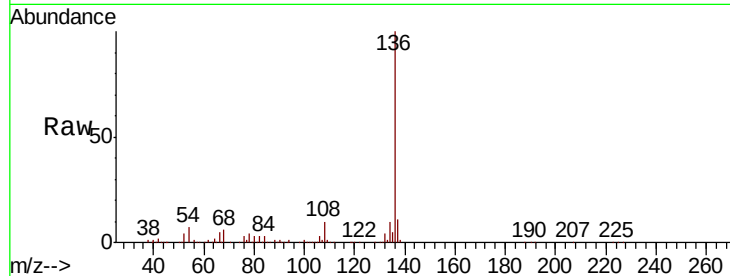
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		506060		
137	11.0	8.8	13.2		
54	7.5	7.0	10.4		
68	5.9	4.9	7.3		

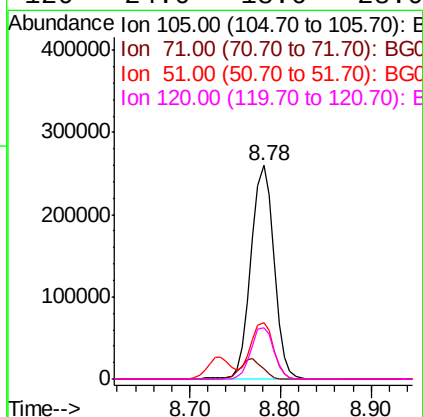
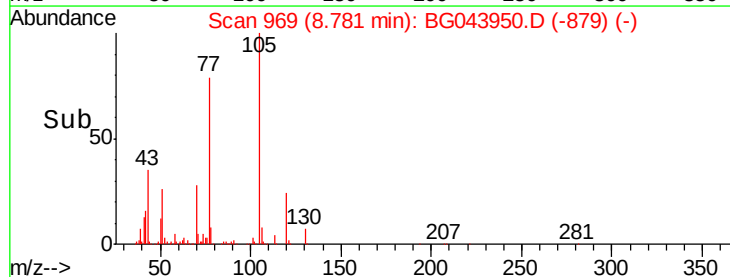
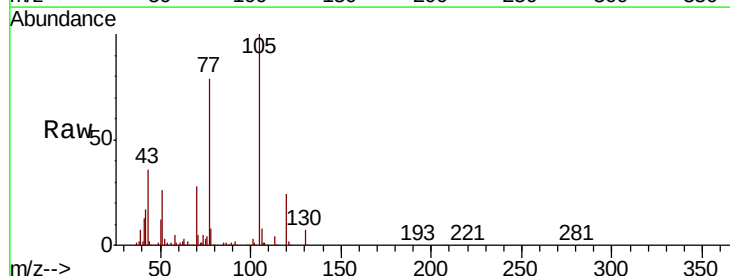
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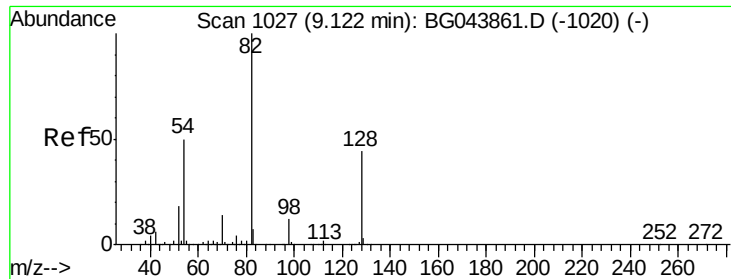
mohammad
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#22
Acetophenone
Concen: 36.429 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		458317		
71	4.8	4.8	7.2		
51	26.3	21.4	32.0		
120	24.0	18.6	28.0		





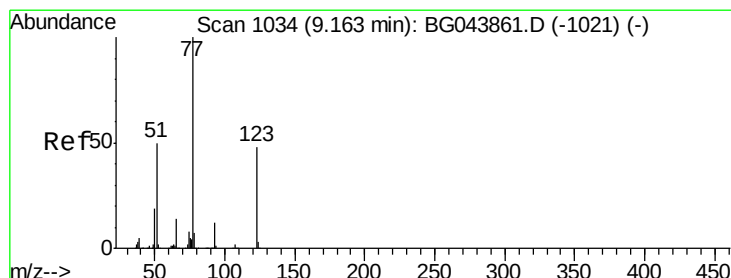
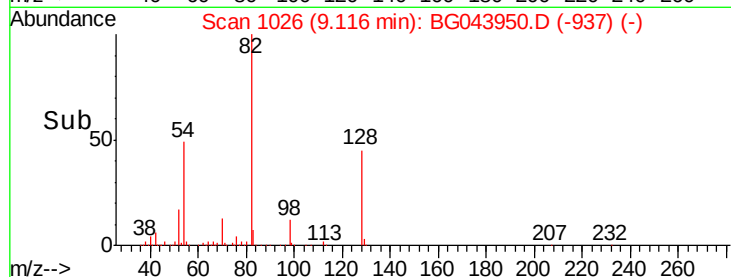
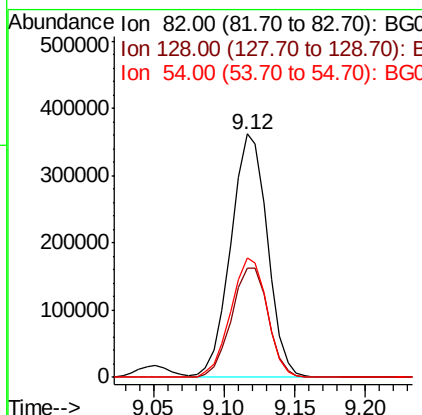
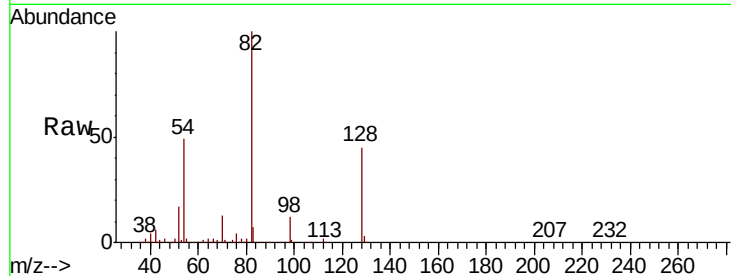
#23
Nitrobenzene-d5
Concen: 69.238 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	49.0	40.1	60.1

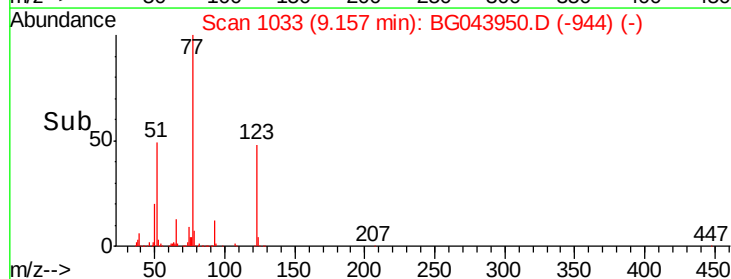
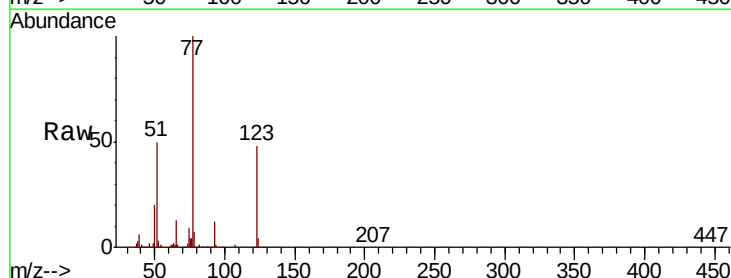
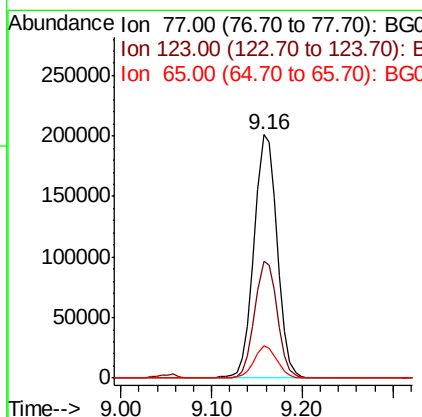
Manual Integrations
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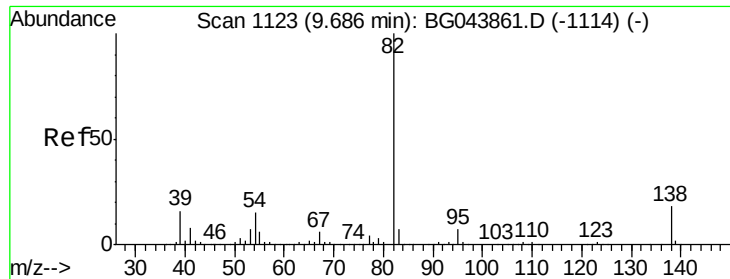
mohammad
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#24
Nitrobenzene
Concen: 37.963 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.7	58.1
65	13.4	11.1	16.7





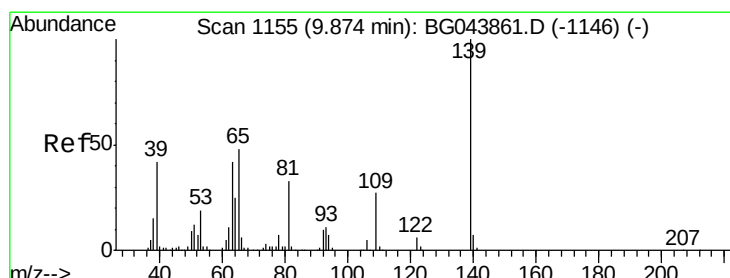
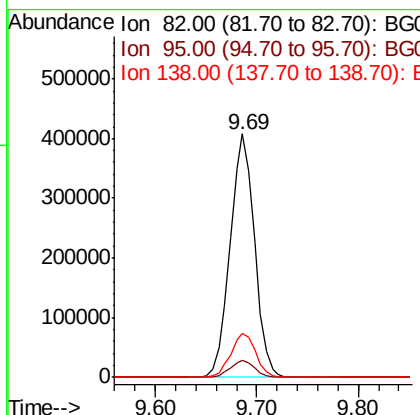
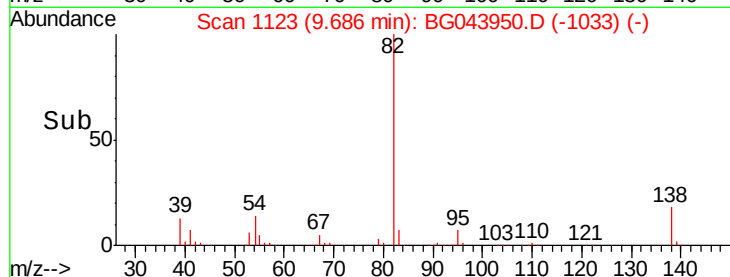
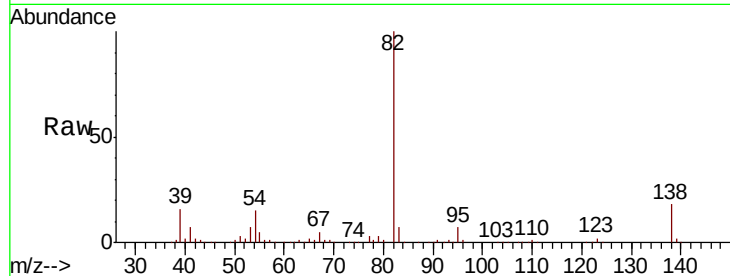
#25
Isophorone
Concen: 38.250 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp	Lower	Upper
82	100	678851		
95	7.1		5.8	8.6
138	18.3		14.6	22.0

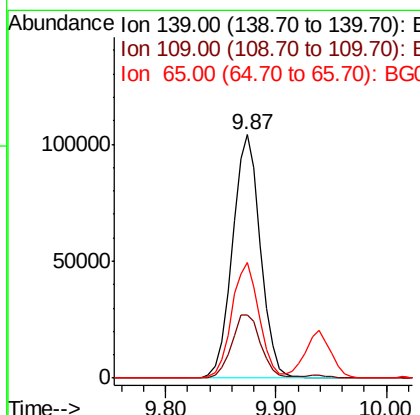
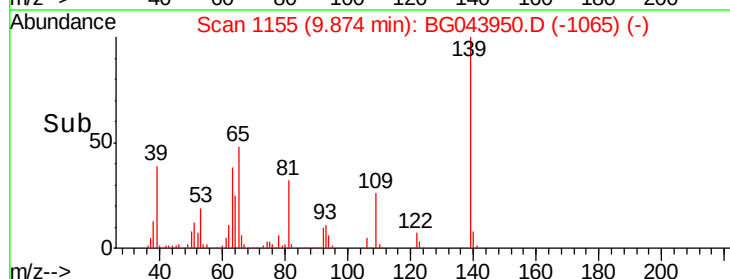
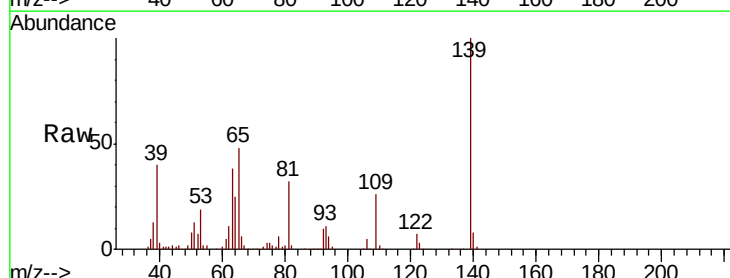
Manual Integrations
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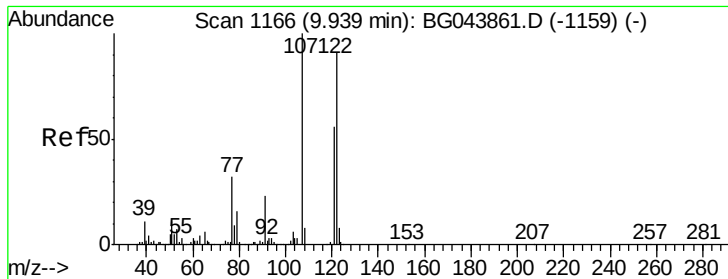
mohammad
1/8/2020 4:25:59 PM



#26
2-Nitrophenol
Concen: 41.613 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	184458		
109	26.1		21.3	31.9
65	47.7		38.6	57.8





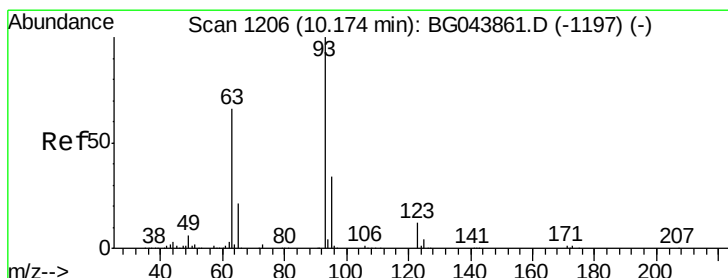
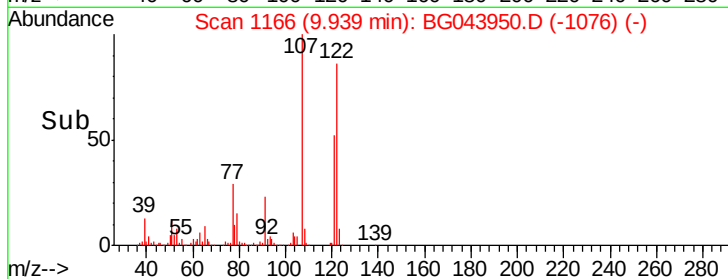
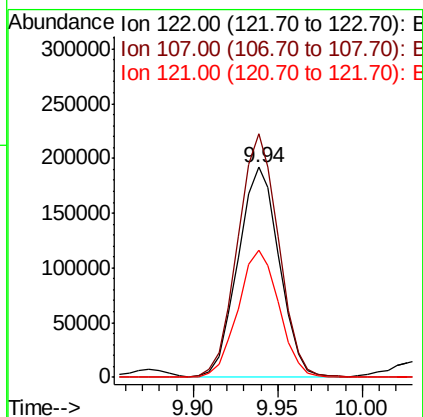
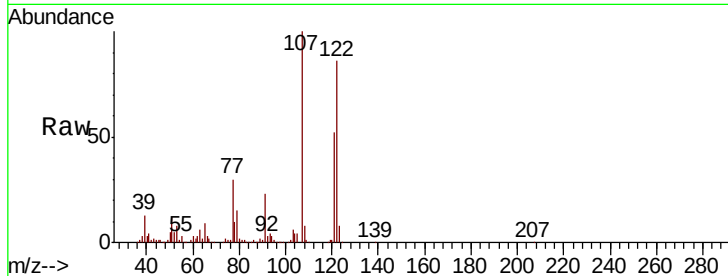
#27
 2,4-Dimethylphenol
 Concen: 48.745 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-01-CG

Tot Ion:	122	Resp:	325252
Ion Ratio	Lower	Upper	
122	100		
107	115.8	88.0	132.0
121	60.3	49.0	73.4

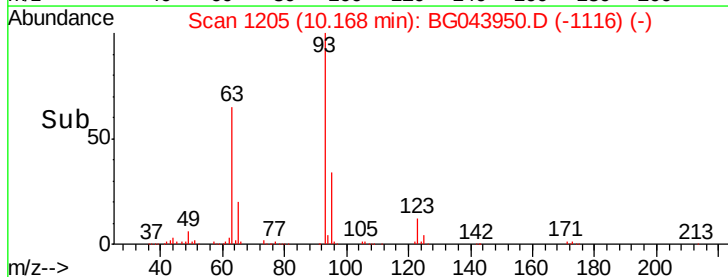
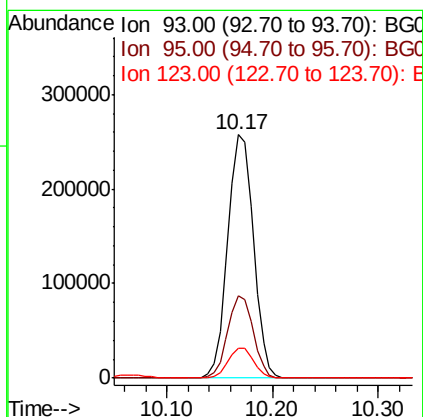
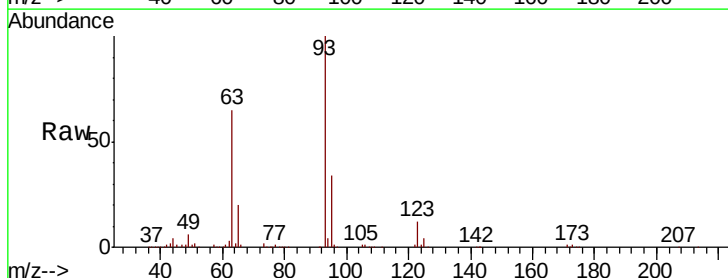
Manual Integrations
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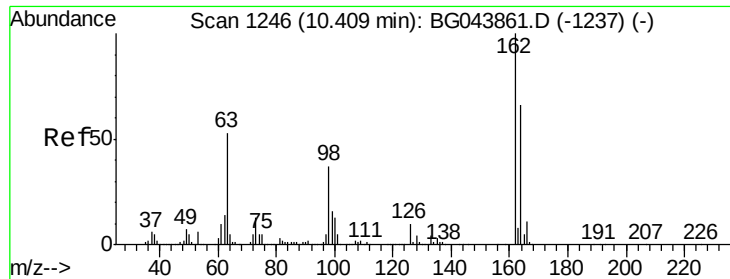
mohammad
 1/8/2020 4:25:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.596 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion:	93	Resp:	432995
Ion Ratio	Lower	Upper	
93	100		
95	33.6	27.2	40.8
123	12.0	9.7	14.5





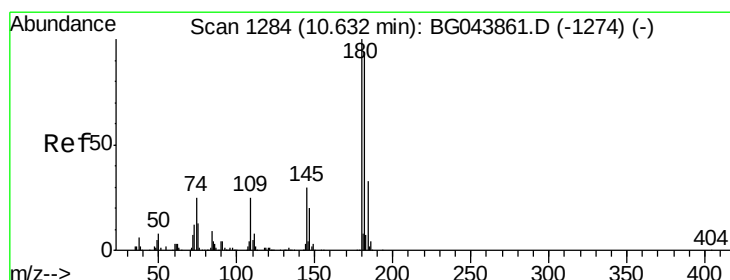
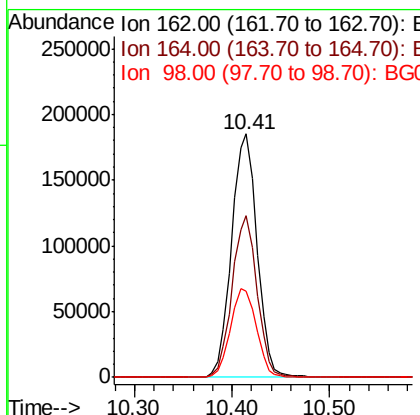
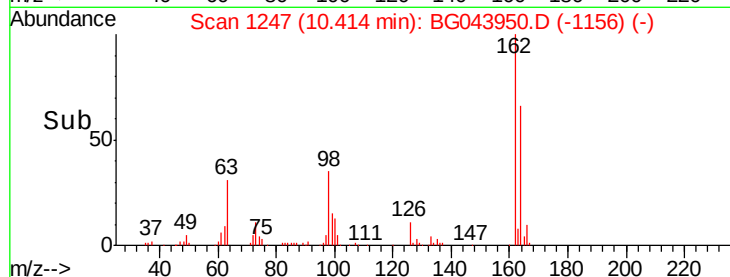
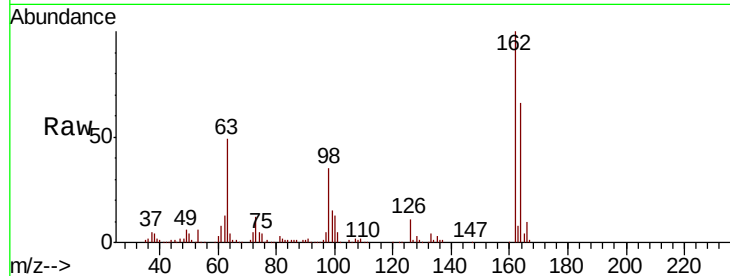
#29
 2,4-Dichlorophenol
 Concen: 42.309 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampled :
 IDOC-W-01-CG

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.2	46.3	86.3
98	35.3	17.3	57.3

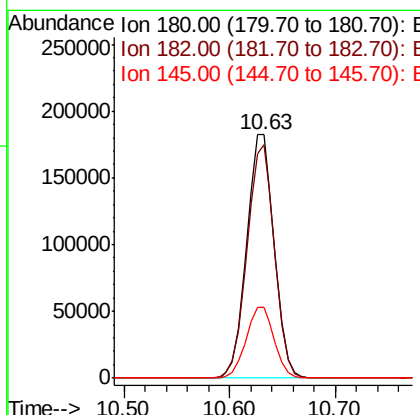
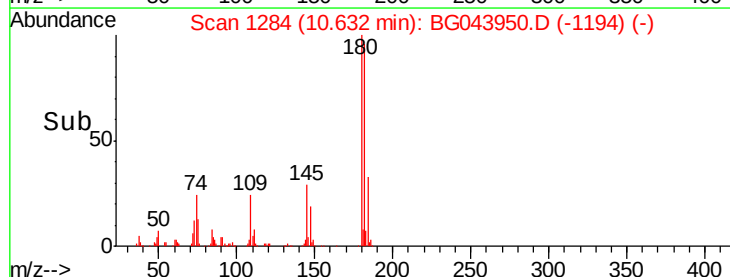
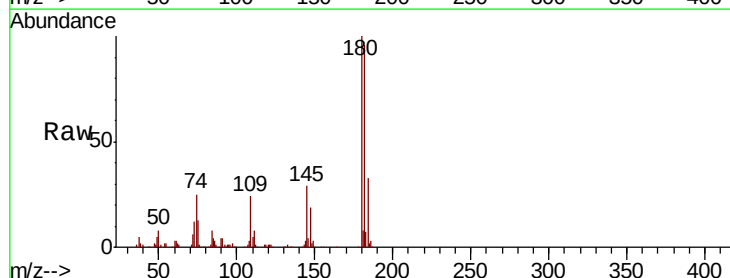
Manual Integrations
 APPROVED

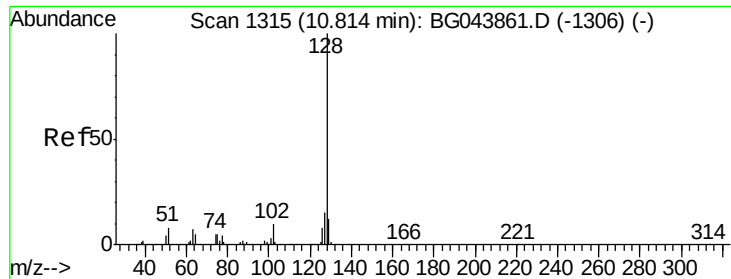
mohammad
 1/8/2020 4:25:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.951 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	75.0	112.4
145	29.2	24.2	36.4





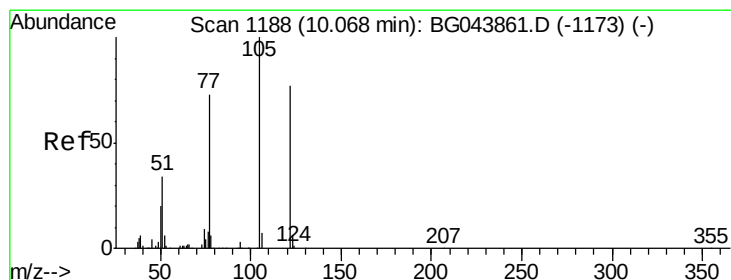
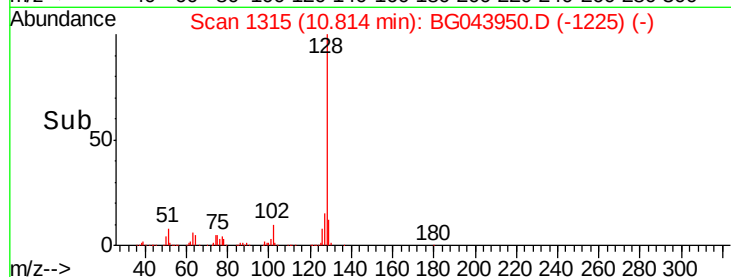
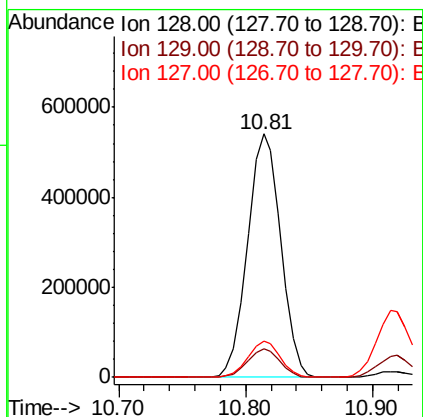
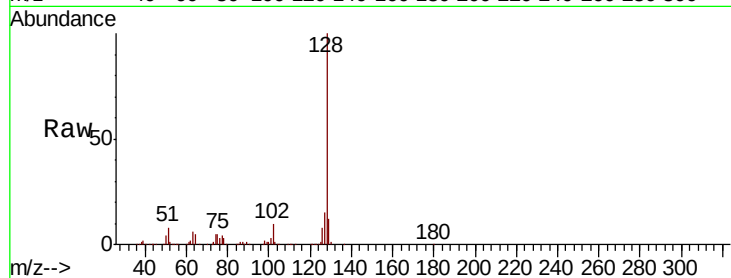
#31
Naphthalene
Concen: 40.252 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.7	12.0	18.0

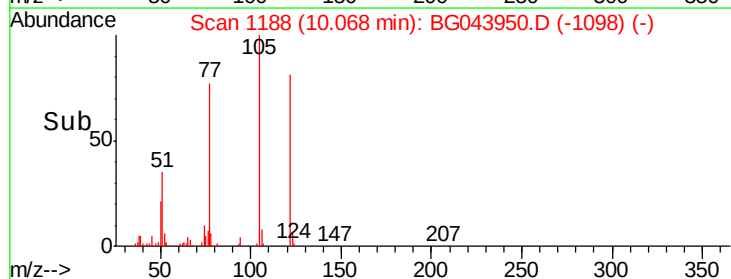
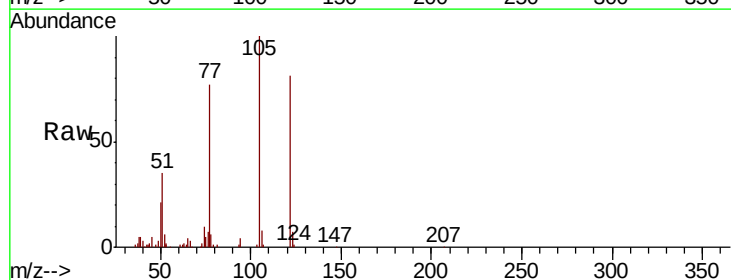
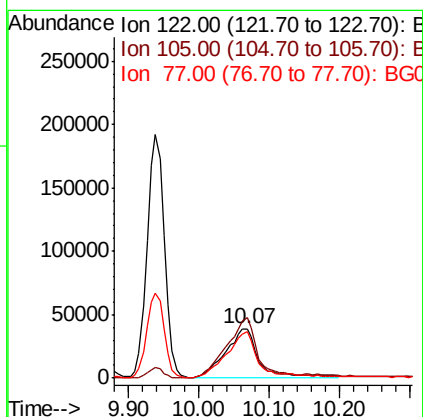
Manual Integrations
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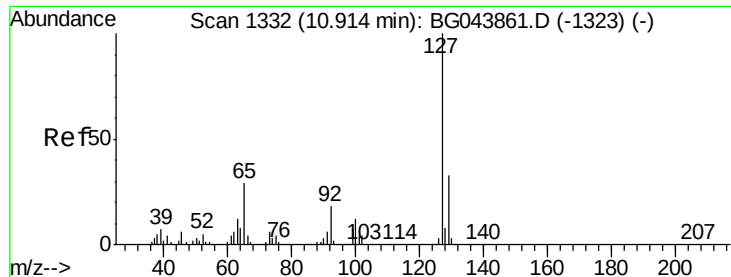
mohammad
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#32
Benzoic acid
Concen: 25.881 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	106.4	146.4
77	94.7	74.6	114.6





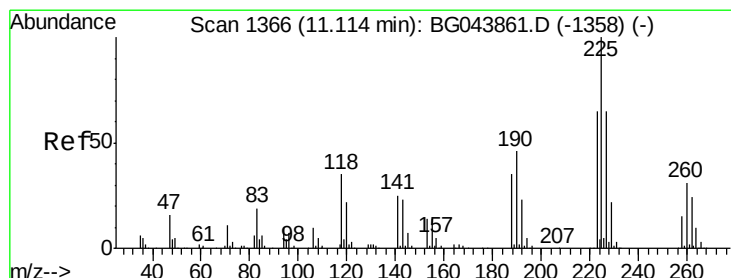
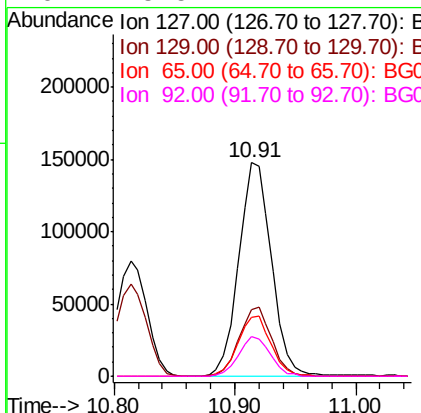
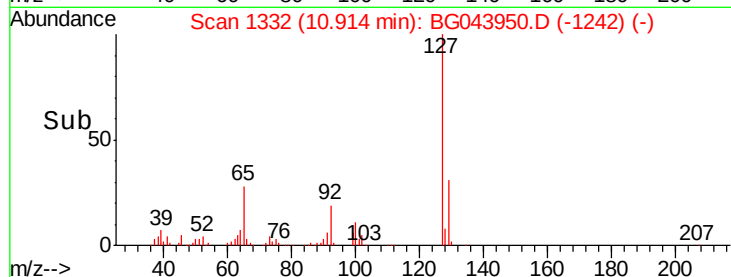
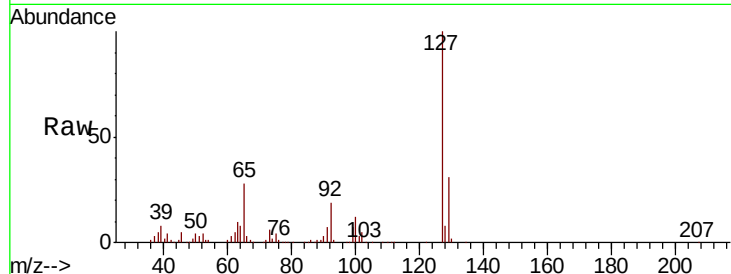
#33
4-Chloroaniline
Concen: 23.880 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	40.0
65	27.8	23.3	34.9
92	18.5	14.7	22.1

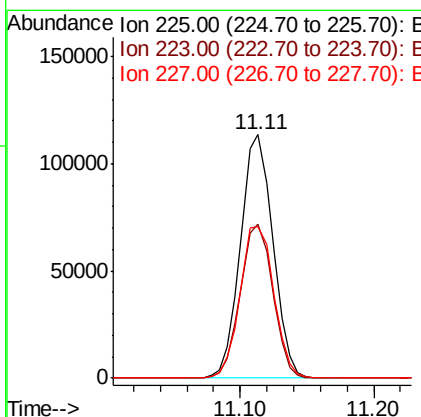
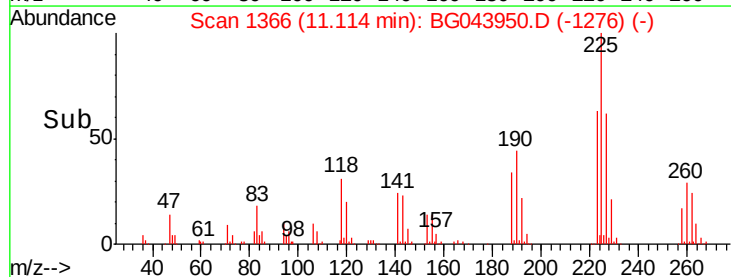
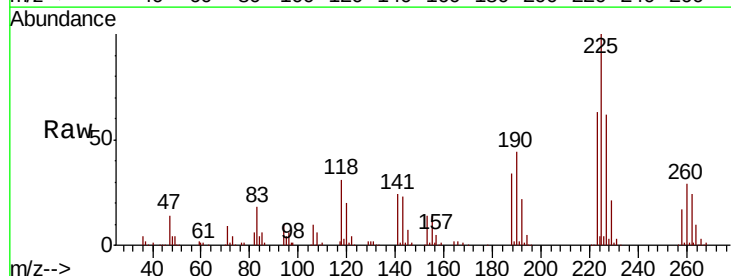
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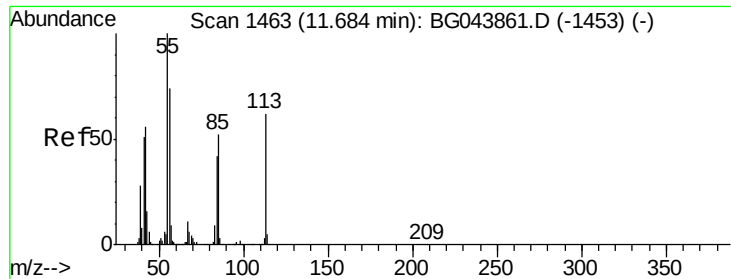
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#34
Hexachlorobutadiene
Concen: 34.868 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.4
227	65.2	52.1	78.1





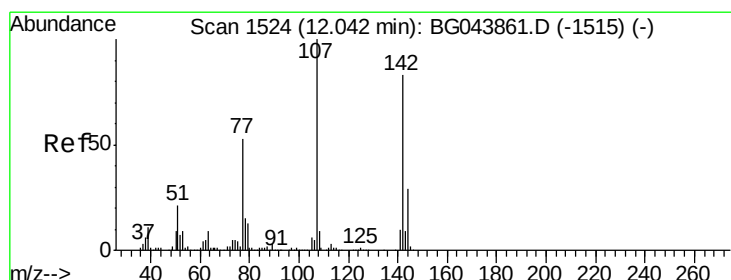
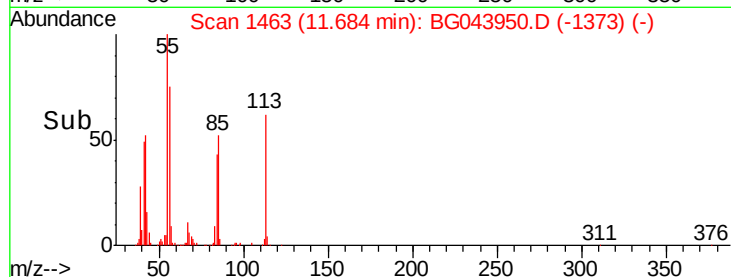
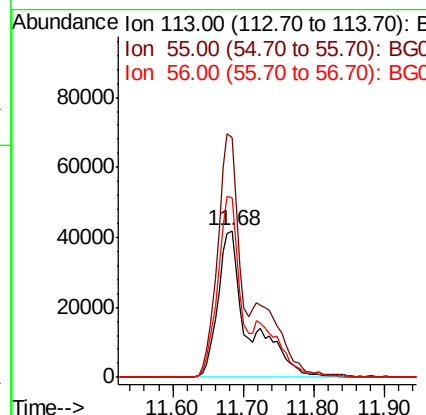
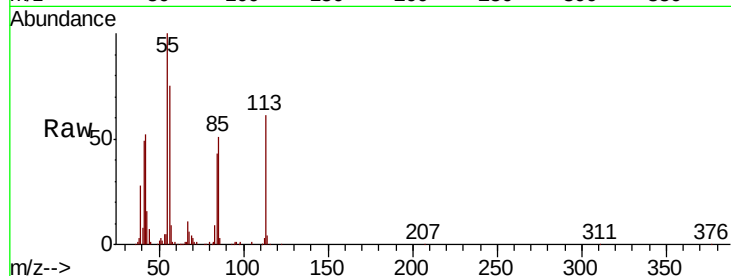
#35
Caprolactam
Concen: 42.781 ng/ml
RT: 11.68 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.0	142.5	182.5
56	122.0	101.4	141.4

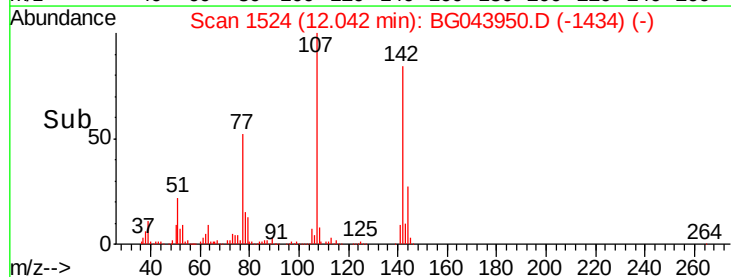
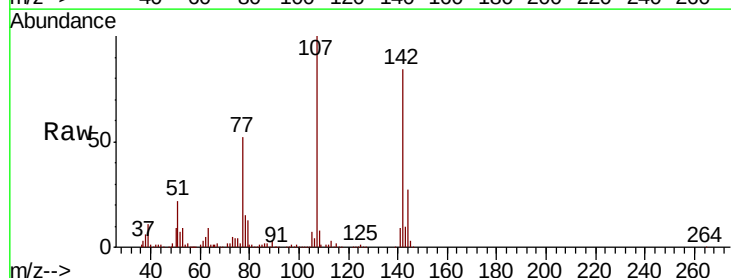
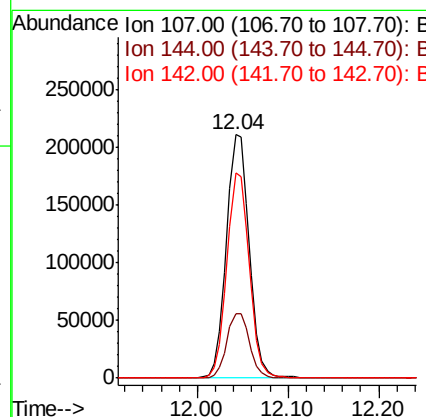
Manual Integrations
APPROVED

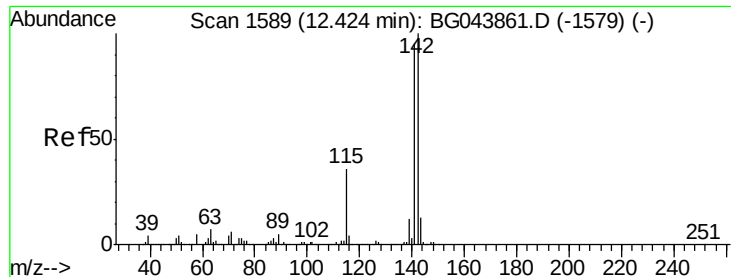
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#36
4-Chloro-3-methylphenol
Concen: 43.469 ng/ml
RT: 12.04 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	23.4	35.2
142	84.1	66.3	99.5





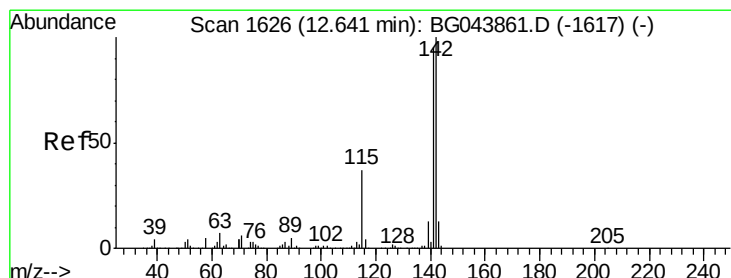
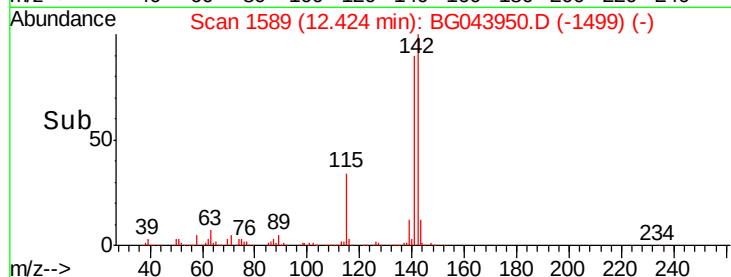
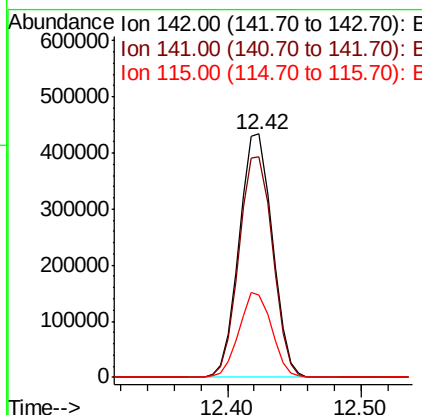
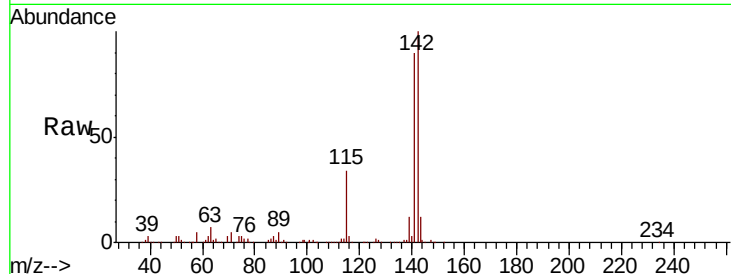
#37
2-Methylnaphthalene
Concen: 40.592 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.8	113.8
115	33.6	28.6	42.8

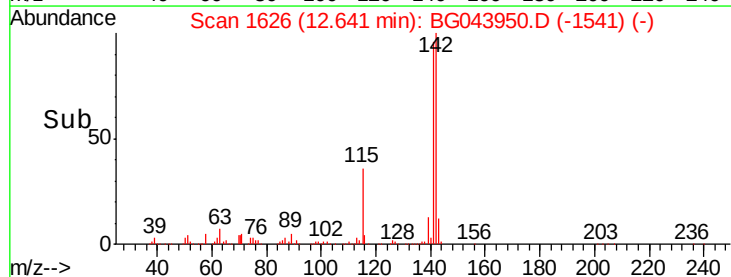
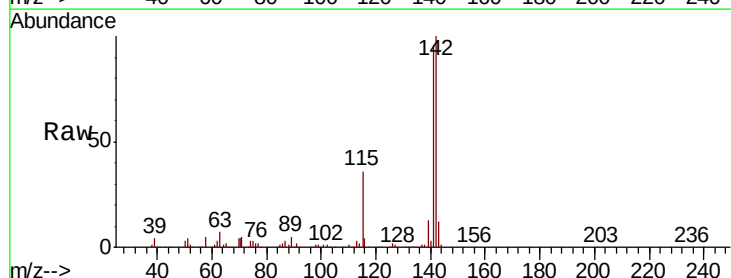
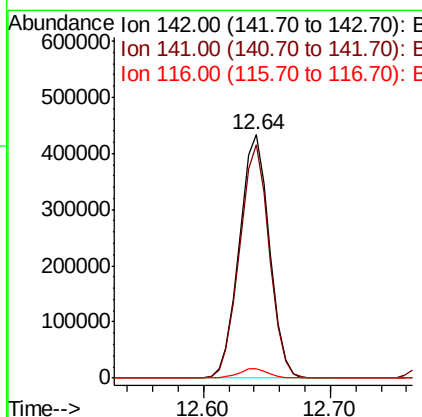
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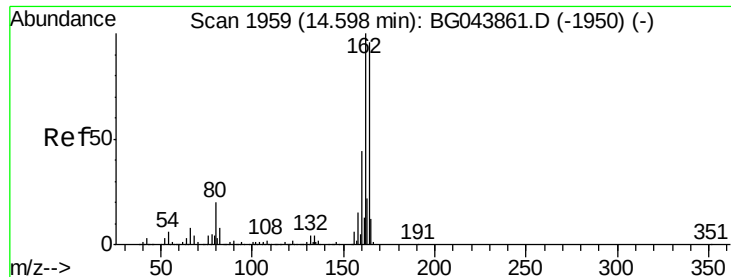
mohammad
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#38
1-Methylnaphthalene
Concen: 40.723 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	76.0	114.0
116	4.0	3.1	4.7





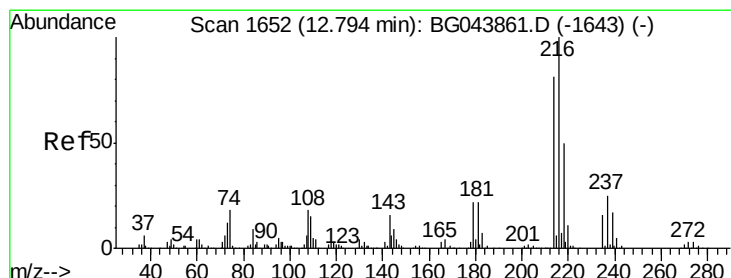
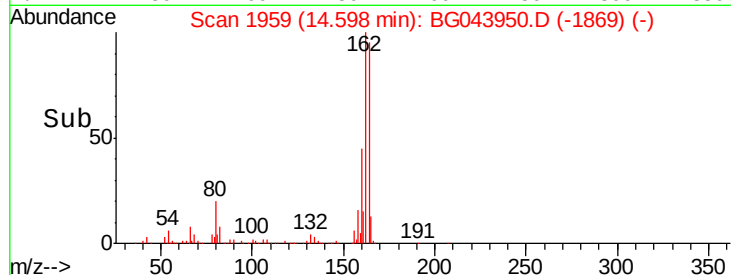
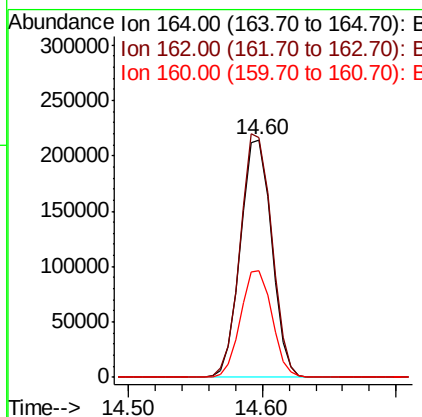
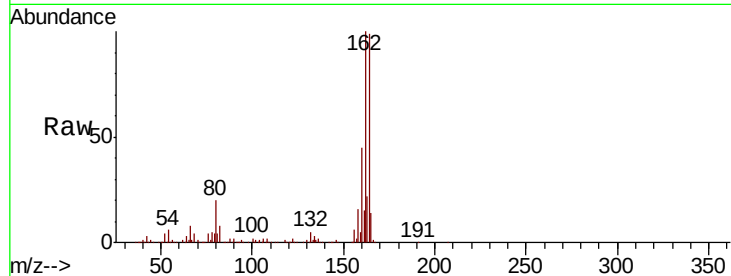
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	83.0	124.4	
160	45.2	36.1	54.1	

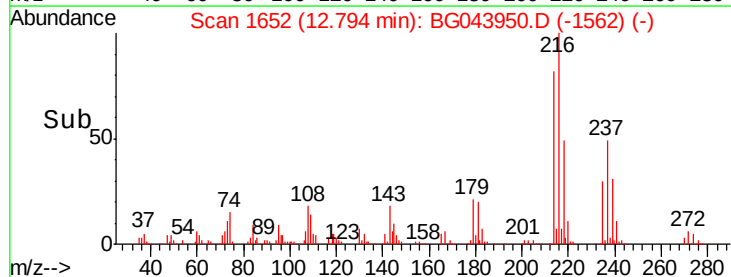
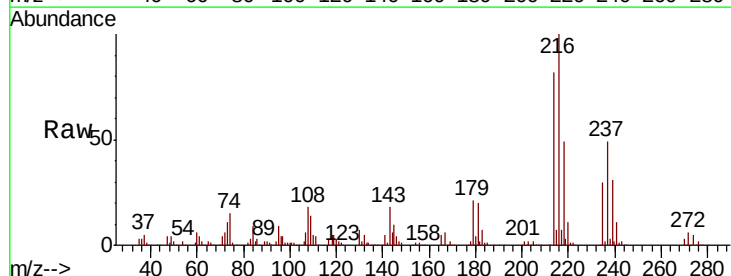
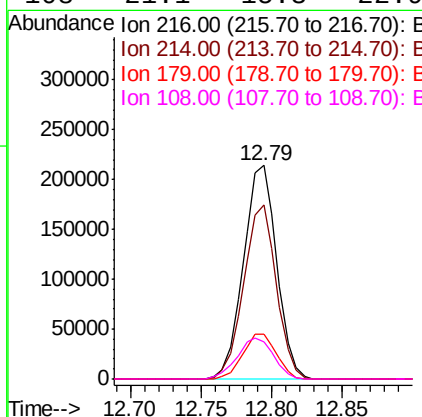
Manual Integrations
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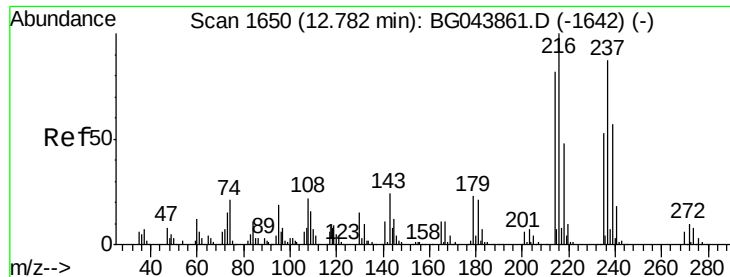
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.797 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.8	95.8	
179	21.3	17.3	25.9	
108	21.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 86.235 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

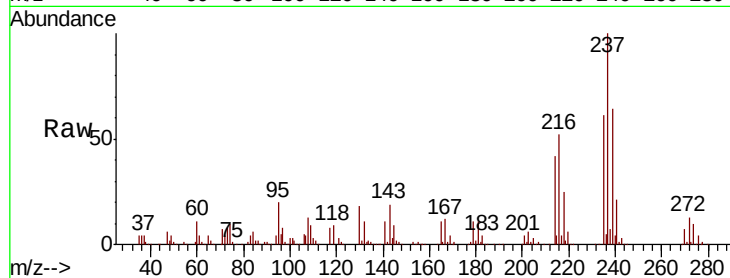
ClientSampleId :

IDOC-W-01-CG

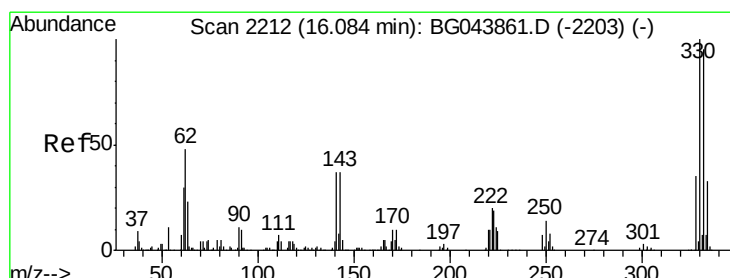
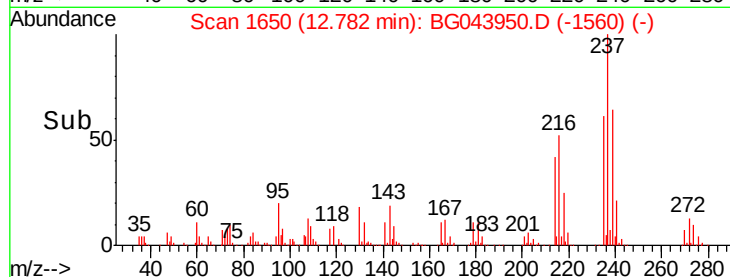
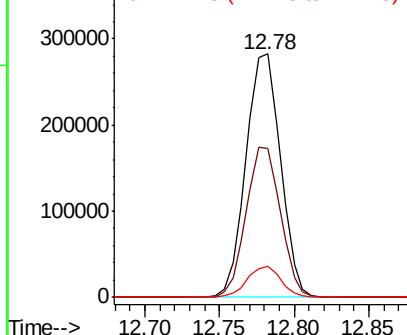
Tot Ion:	237	Resp:	453061
Ion Ratio	Lower	Upper	
237	100		
235	61.1	41.1	81.1
272	12.9	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 111.177 ng

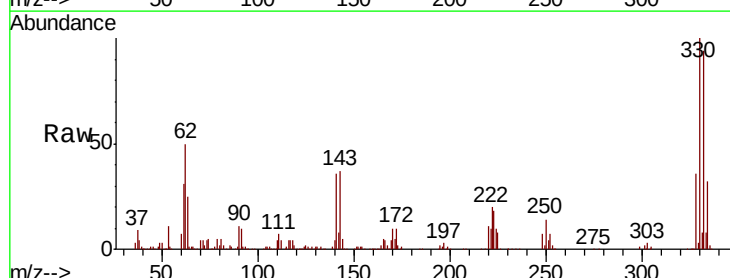
RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

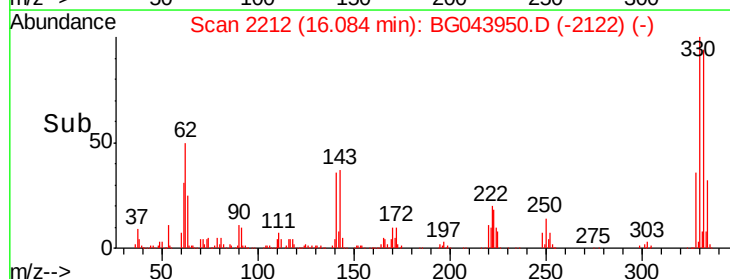
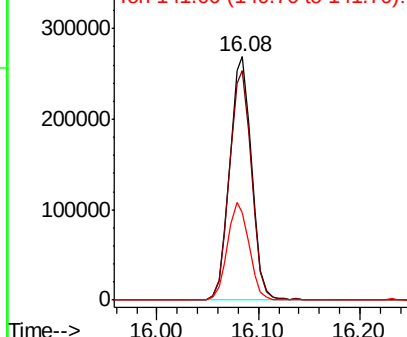
Lab File: BG043950.D

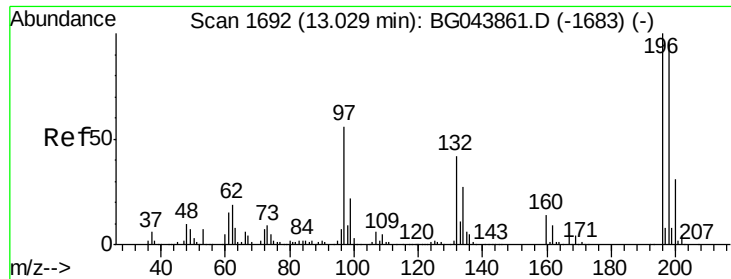
Acq: 7 Jan 2020 11:39

Tgt Ion:	330	Resp:	402257
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.2	115.8
141	39.9	33.1	49.7



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





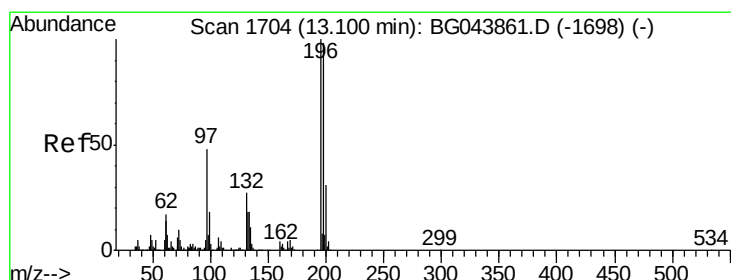
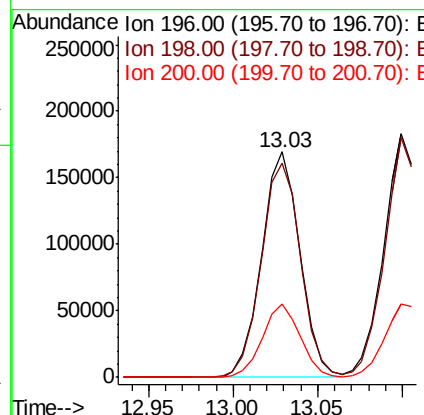
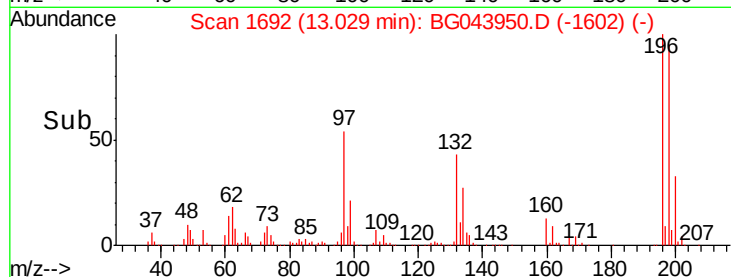
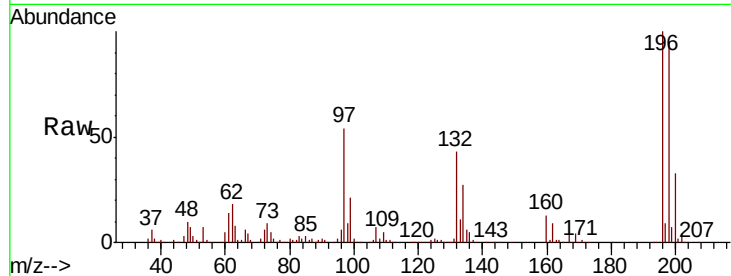
#43
 2,4,6-Trichlorophenol
 Concen: 38.305 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.6	115.0
200	32.5	24.6	37.0

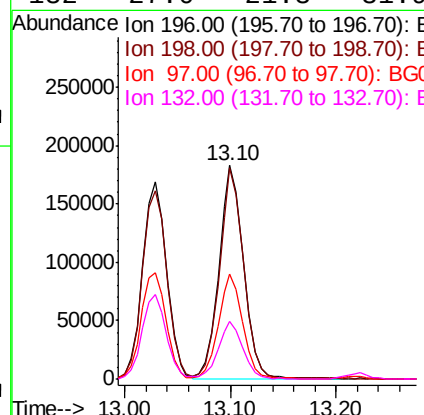
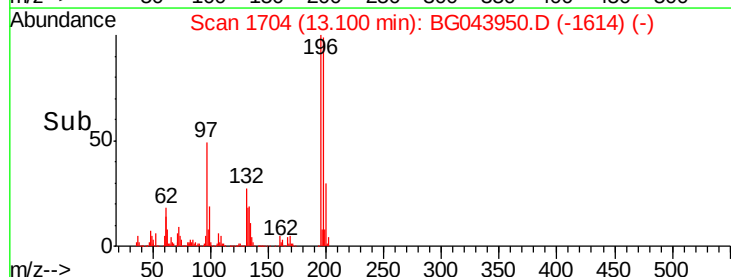
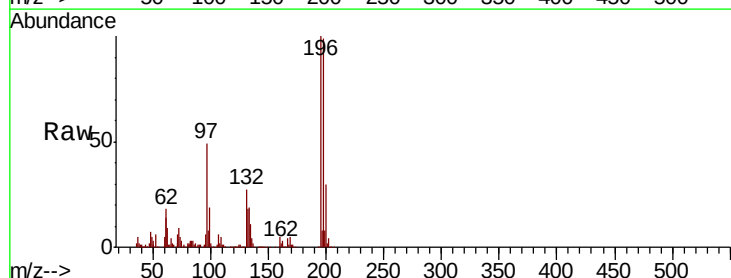
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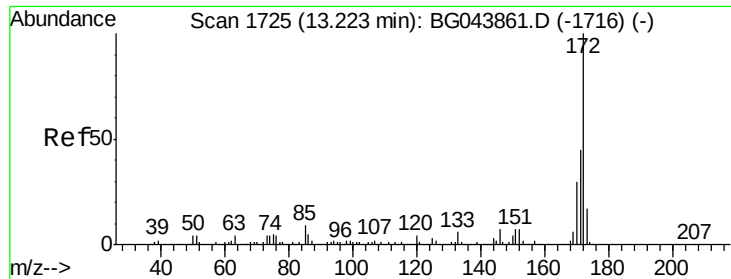
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.182 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.3	117.5
97	49.3	38.8	58.2
132	27.0	21.3	31.9





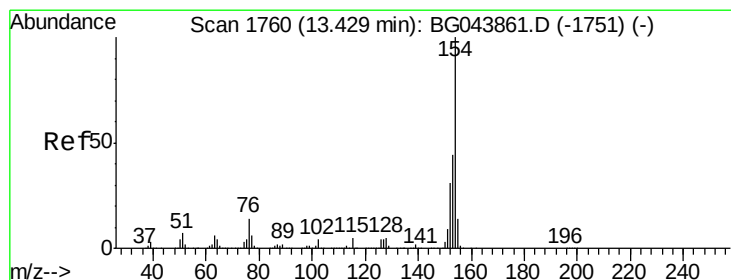
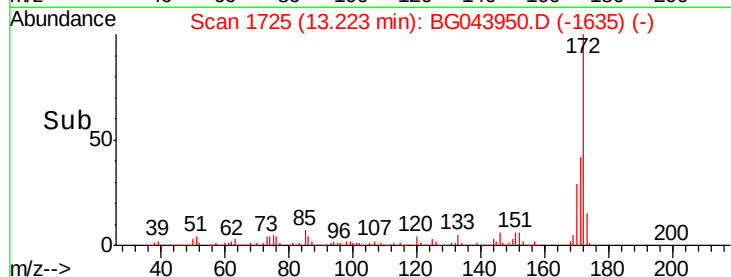
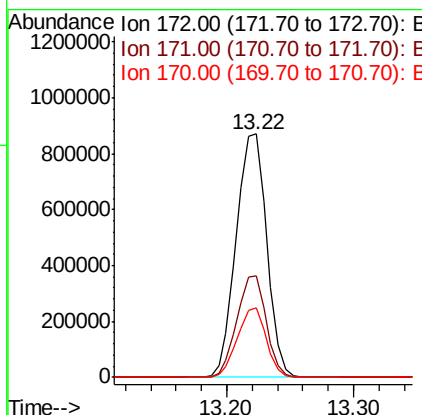
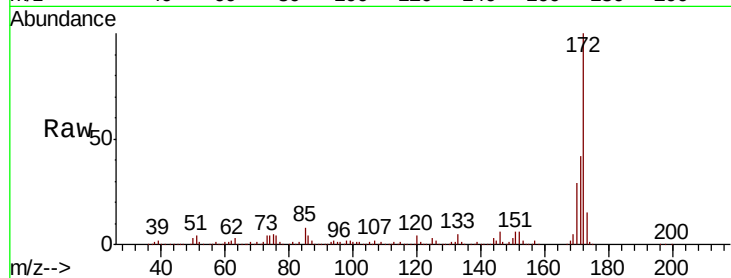
#45
2-Fluorobiphenyl
Concen: 76.208 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.6	35.8	53.8
170	28.6	24.2	36.4

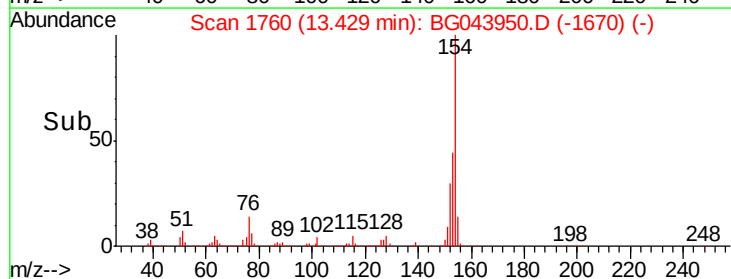
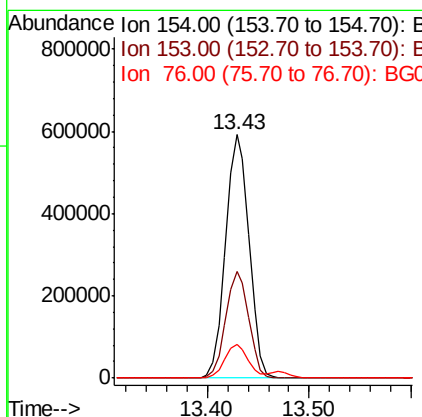
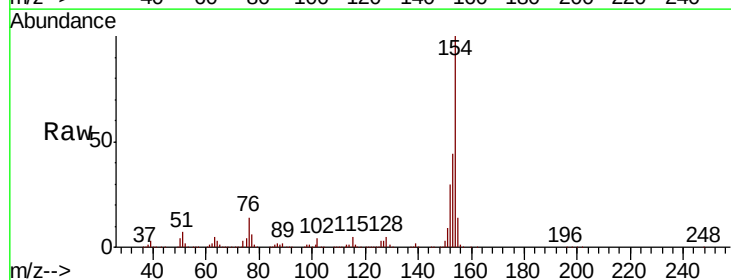
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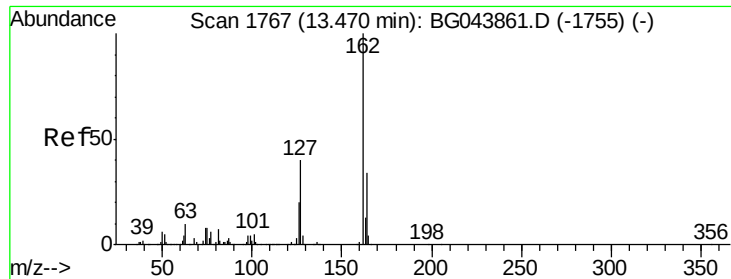
mohammad
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#46
1,1'-Biphenyl
Concen: 38.162 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.6	63.6
76	14.0	0.0	34.4





#47

2-Chloronaphthalene

Concen: 36.654 ng

RT: 13.47 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

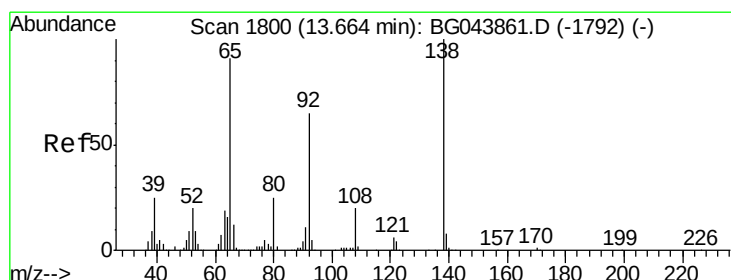
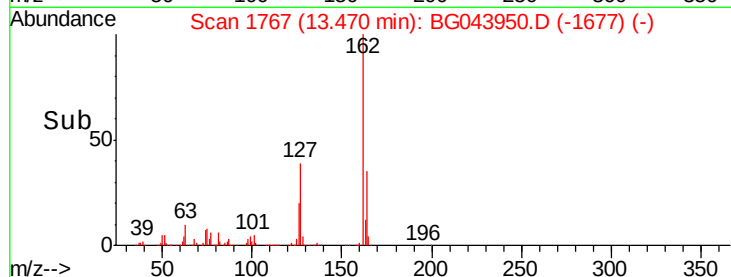
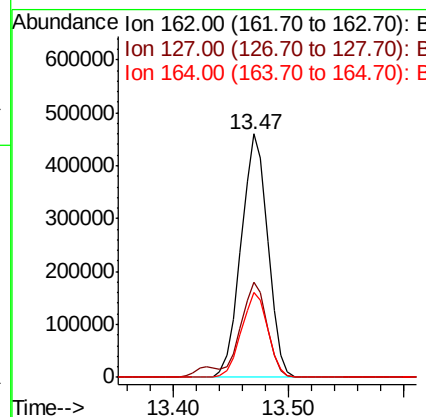
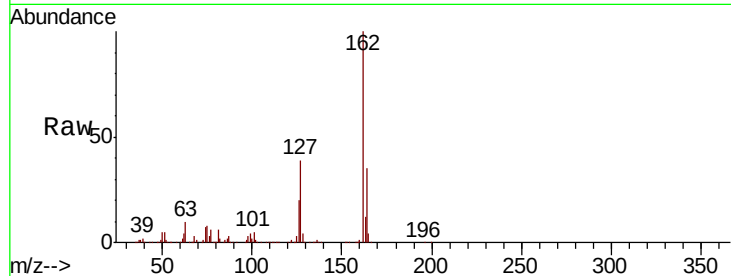
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	162	Resp:	734230
Ion Ratio	Lower	Upper	
162	100		
127	38.9	32.1	48.1
164	34.9	27.5	41.3

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#48

2-Nitroaniline

Concen: 37.334 ng

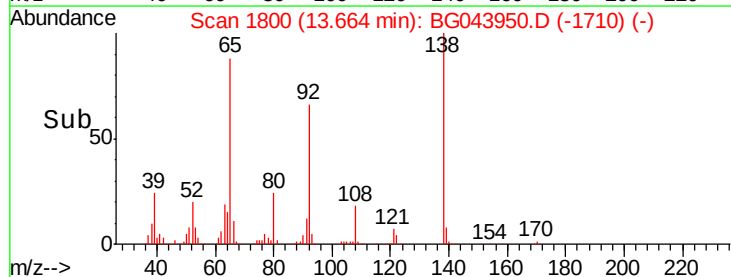
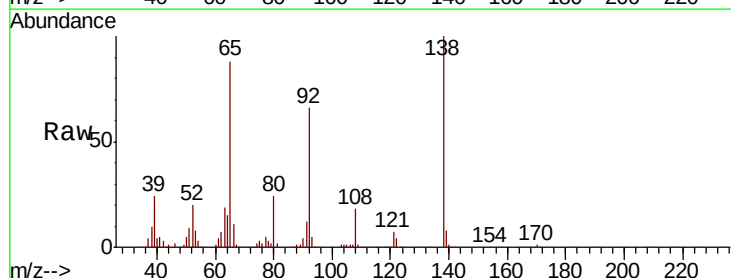
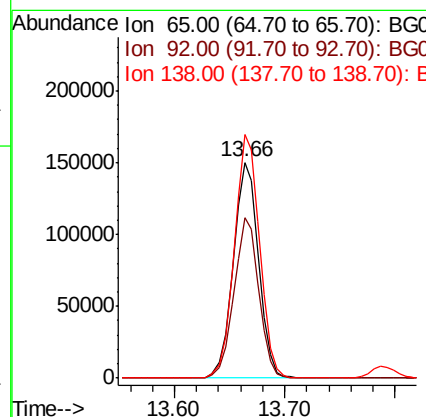
RT: 13.66 min Scan# 1800

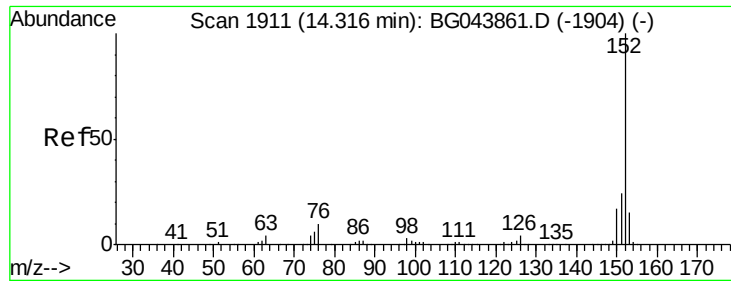
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	65	Resp:	240564
Ion Ratio	Lower	Upper	
65	100		
92	74.5	57.4	86.2
138	113.0	88.2	132.4





#49

Acenaphthylene

Concen: 40.832 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

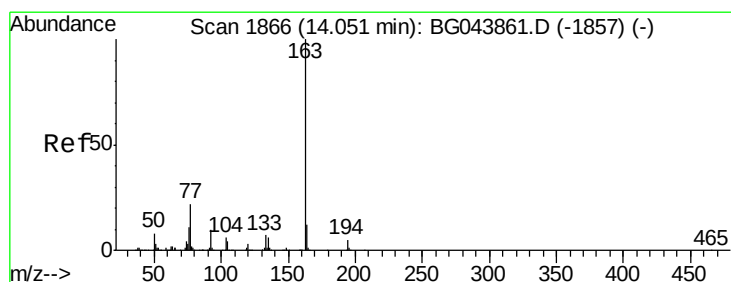
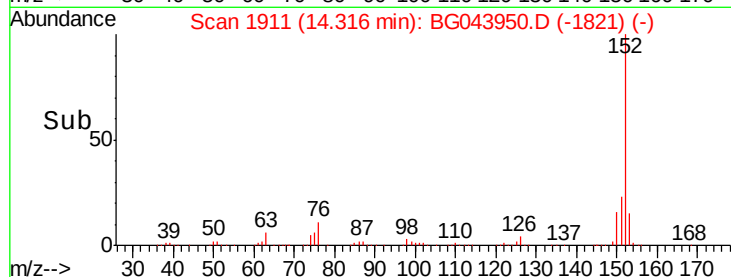
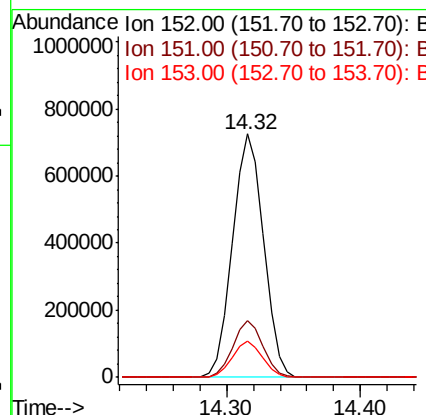
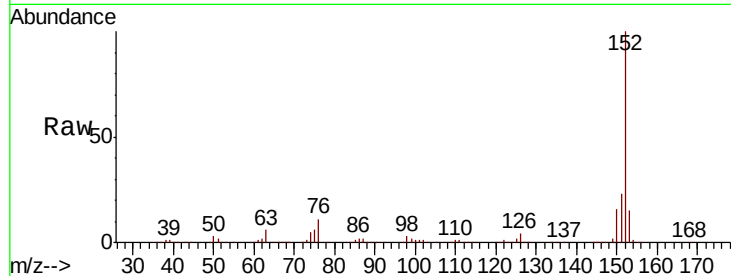
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	152	Resp:	1175605
Ion	Ratio	Lower	Upper
152	100		
151	23.4	19.4	29.2
153	14.7	12.0	18.0

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#50

Dimethylphthalate

Concen: 39.084 ng

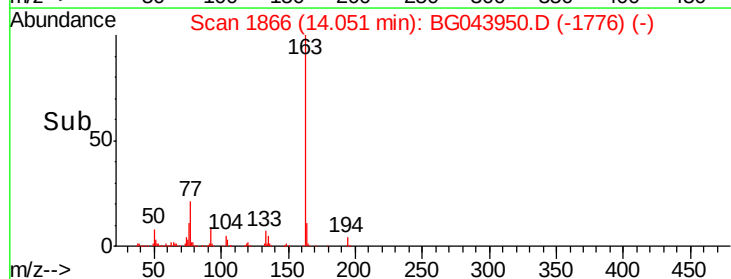
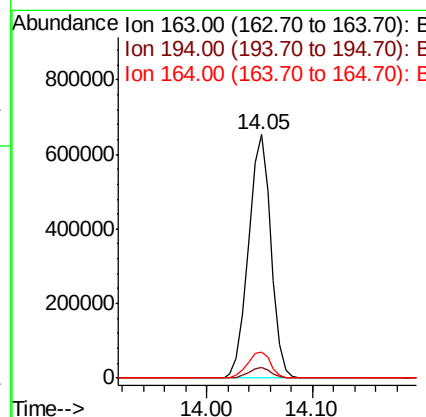
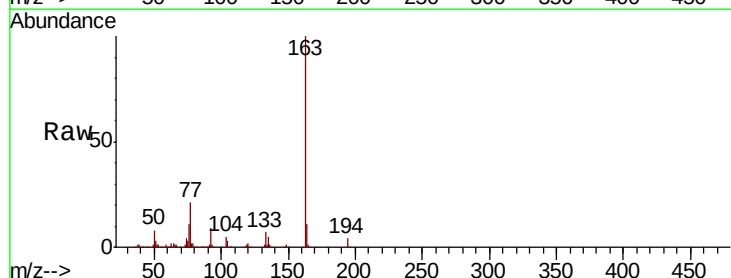
RT: 14.05 min Scan# 1866

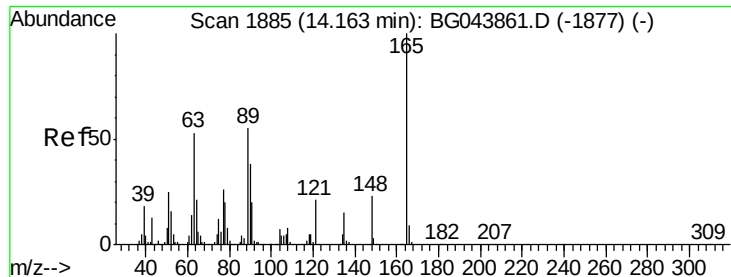
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	163	Resp:	959482
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.9	9.3	13.9





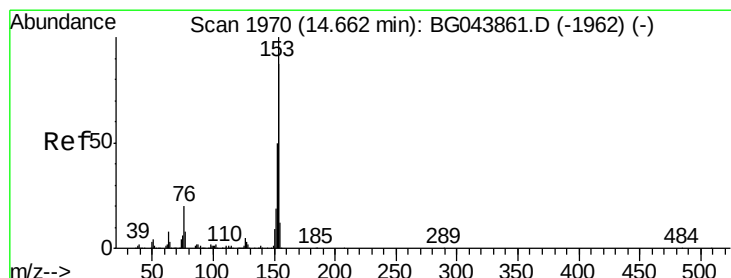
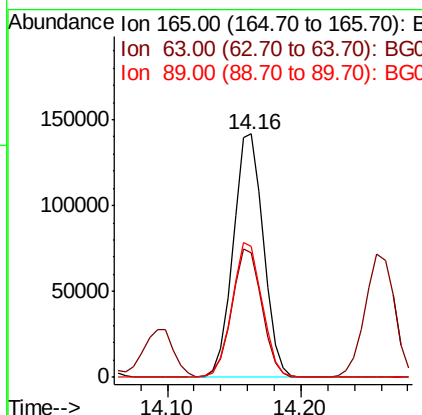
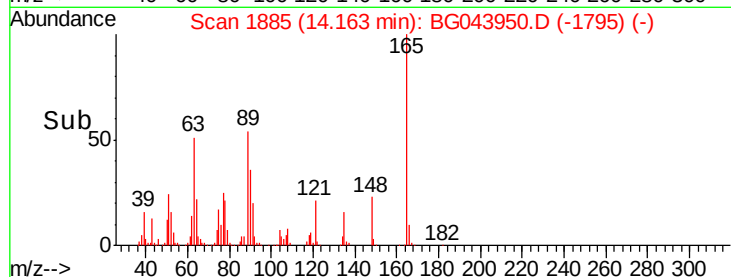
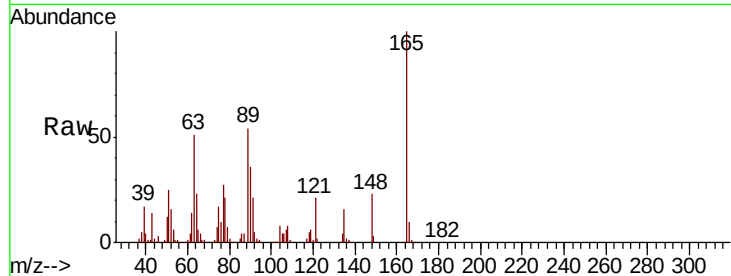
#51
2,6-Dinitrotoluene
Concen: 40.004 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.1	64.7
89	53.8	43.8	65.6

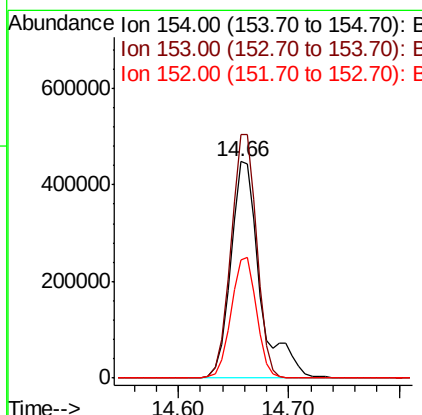
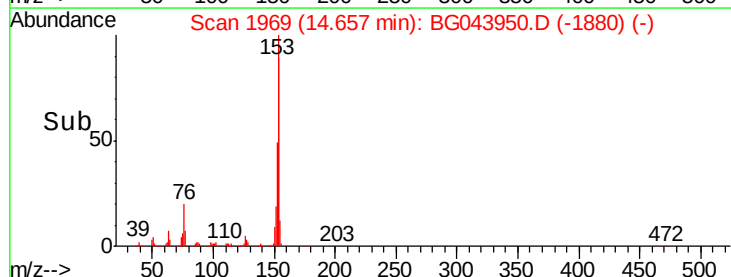
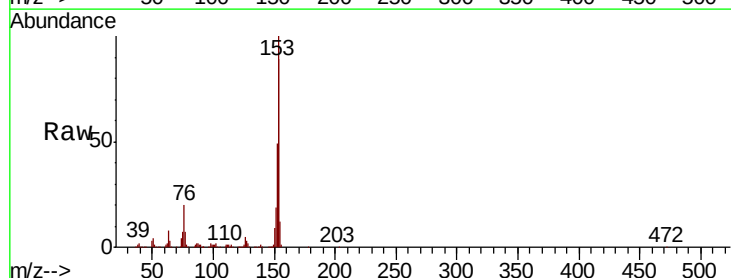
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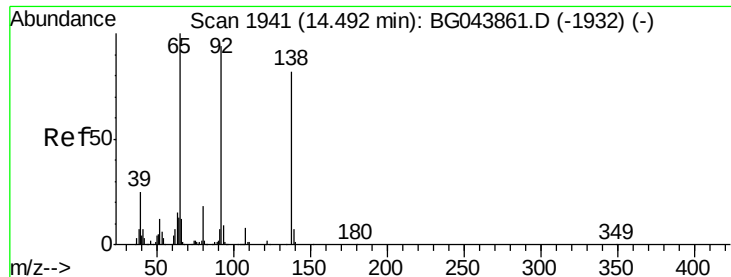
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#52
Acenaphthene
Concen: 41.266 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.6	137.4
152	54.8	45.4	68.0





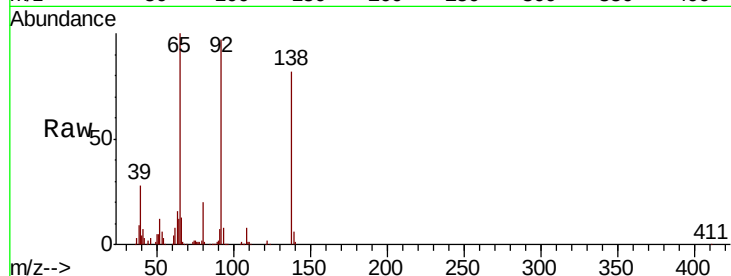
#53
3-Nitroaniline
Concen: 28.630 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	117.6	92.1	138.1

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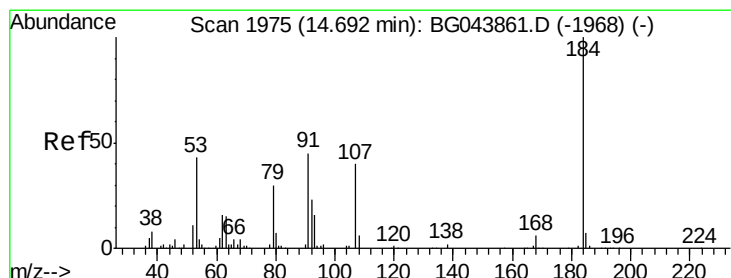
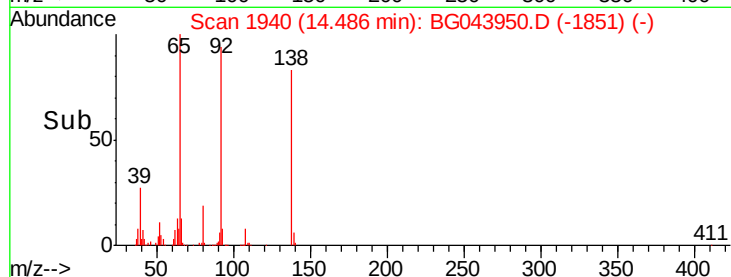
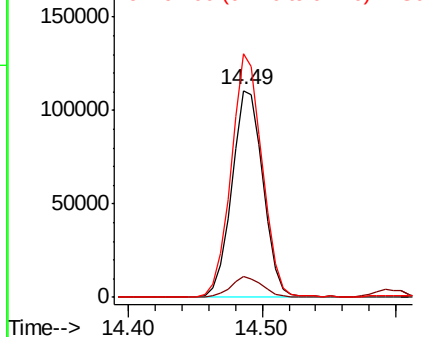


Abundance

Ion 138.00 (137.70 to 138.70): E

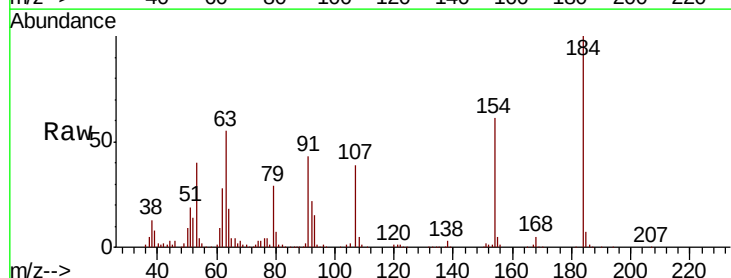
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 67.197 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.6	46.6	70.0
154	60.6	50.2	75.4

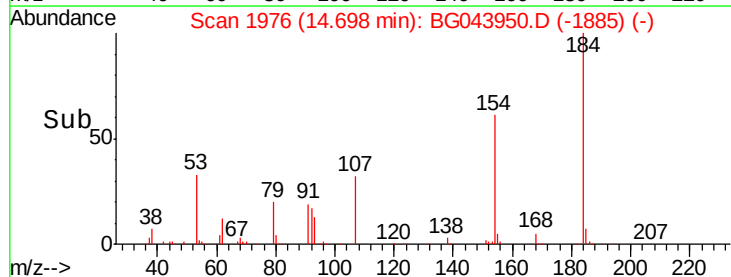
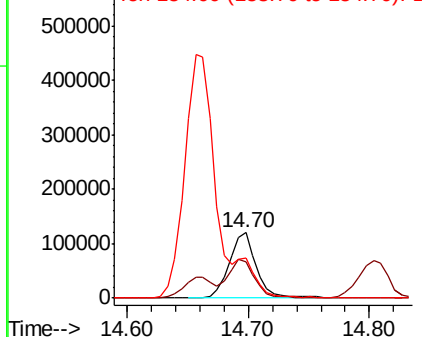


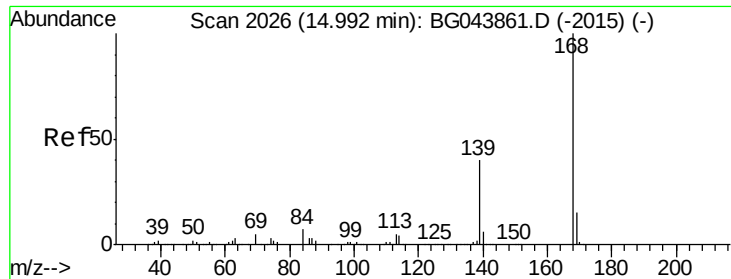
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





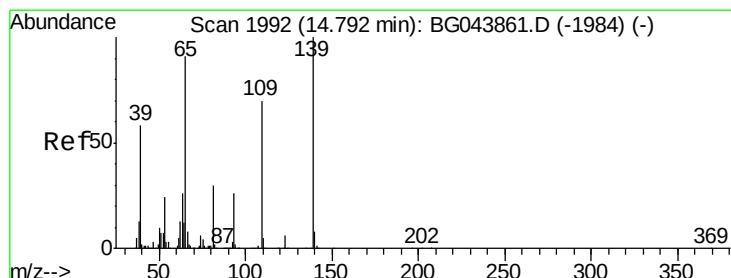
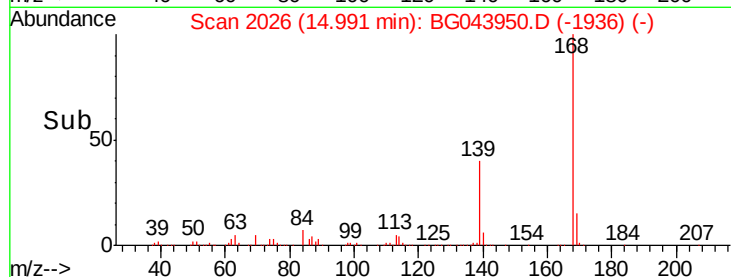
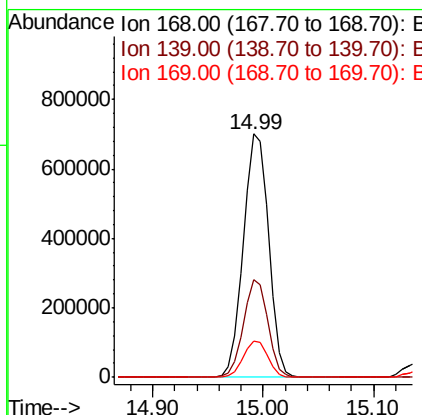
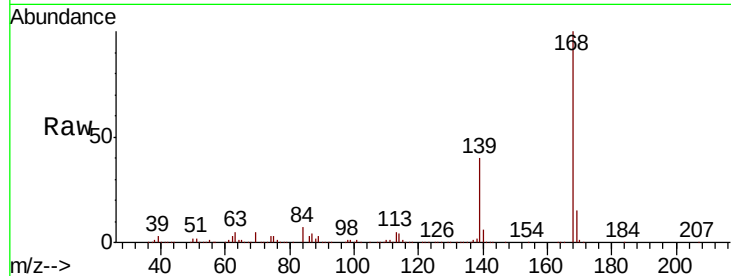
#55
Dibenzenofuran
Concen: 40.607 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.2	48.2
169	15.0	12.2	18.2

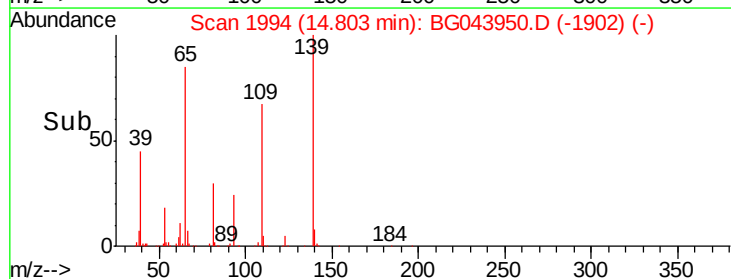
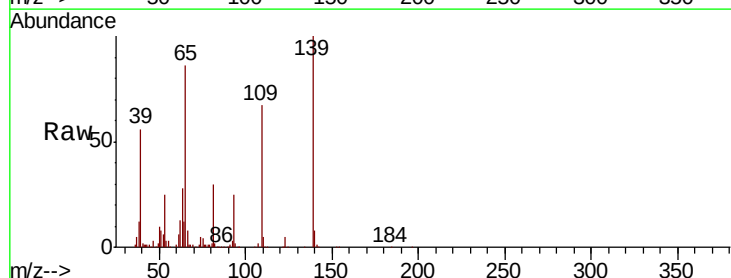
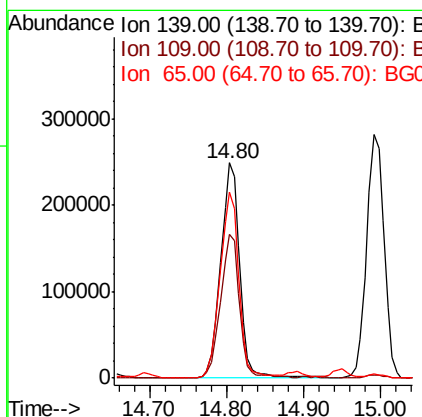
Manual Integrations
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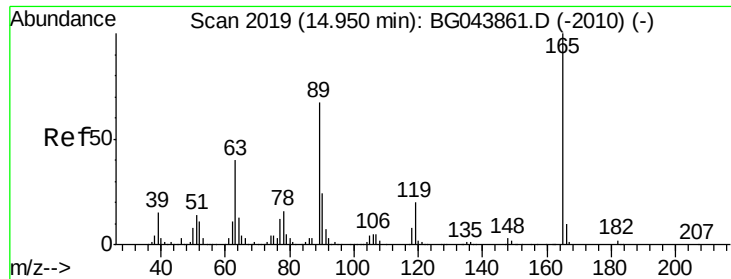
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#56
4-Nitrophenol
Concen: 88.120 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	50.4	90.4
65	86.4	71.4	111.4





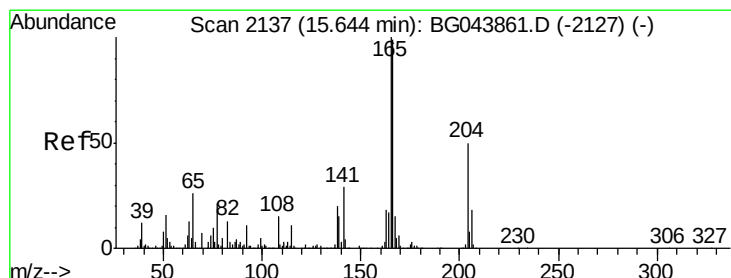
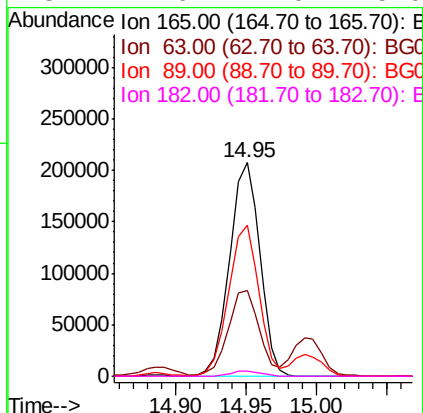
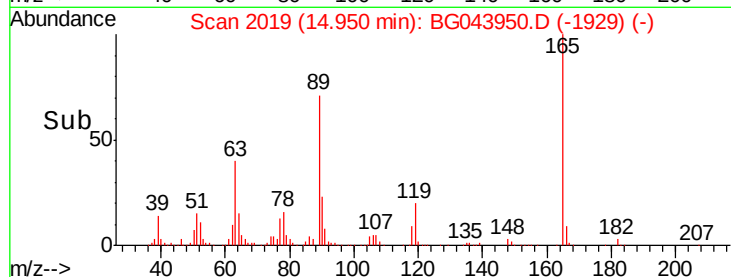
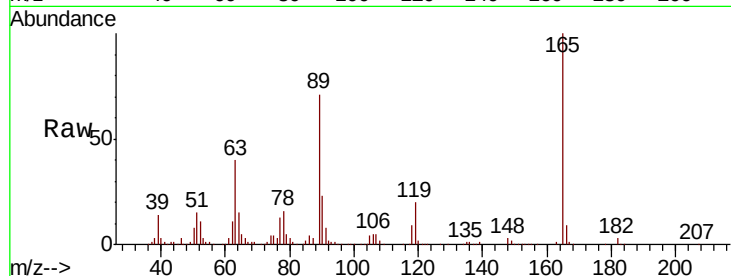
#57
2,4-Dinitrotoluene
Concen: 41.138 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.1	31.9	47.9	
89	70.8	53.8	80.6	
182	2.6	2.0	3.0	

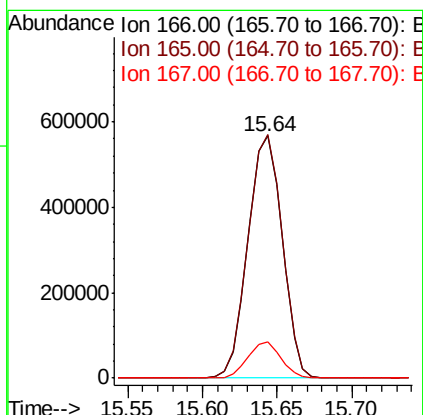
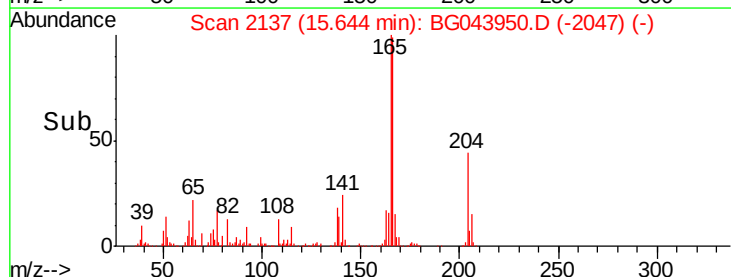
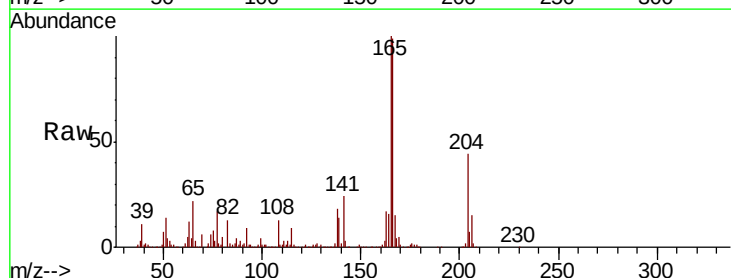
Manual Integrations
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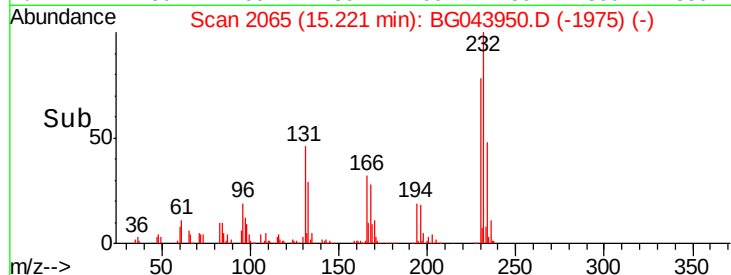
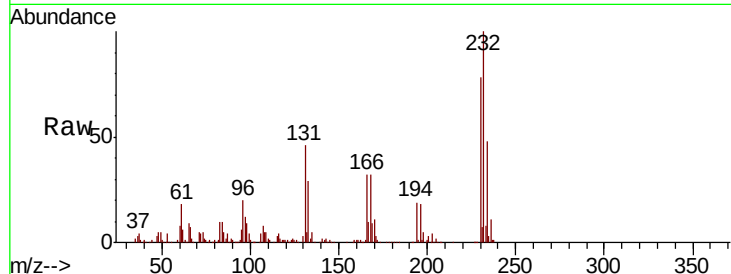
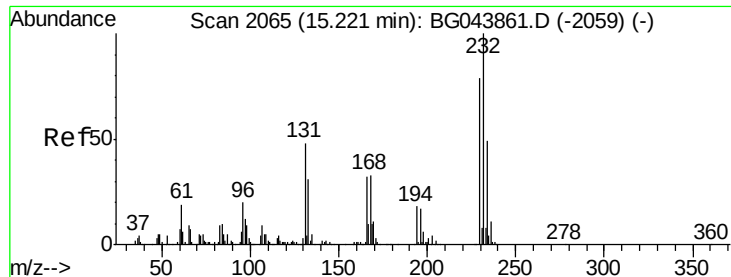
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#58
Fluorene
Concen: 40.909 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	80.8	121.2	
167	15.2	12.1	18.1	





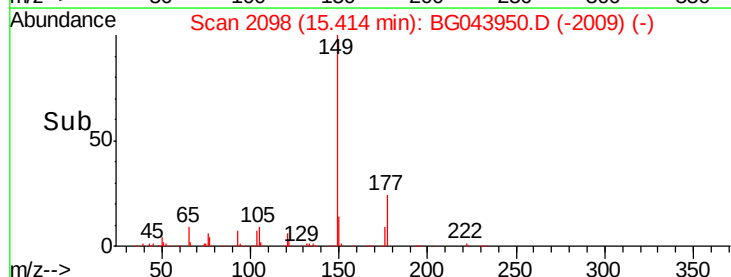
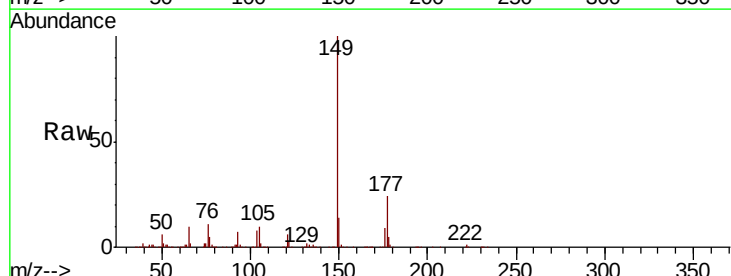
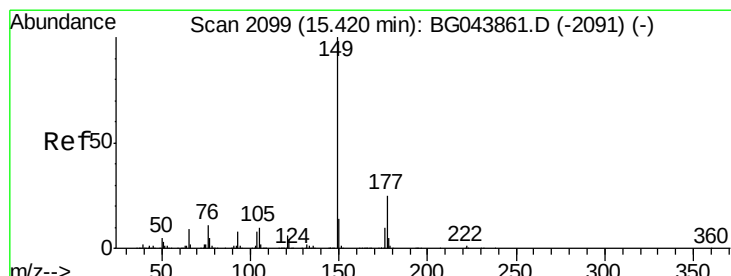
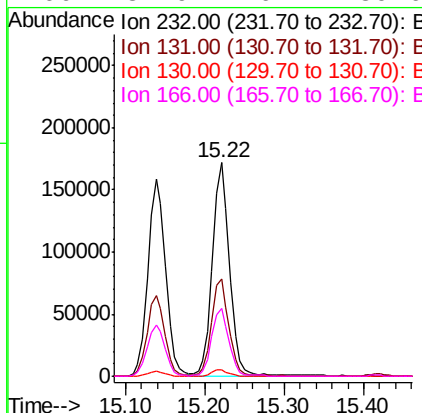
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.808 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp	Lower	Upper
232	100	258546		
131	45.2	38.2	57.2	
130	2.9	2.2	3.2	
166	31.9	26.4	39.6	

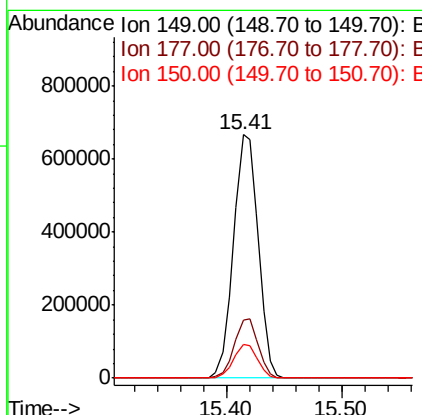
Manual Integrations
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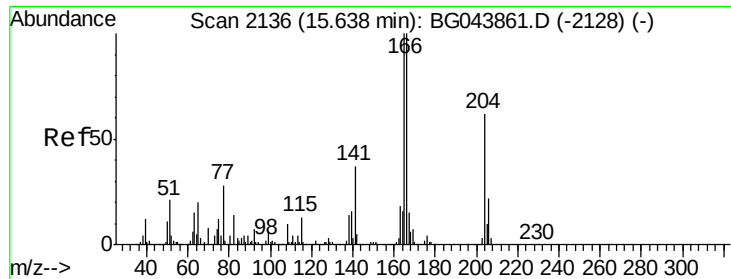
mohammad
1/8/2020 4:25:59 PM



#60
Diethylphthalate
Concen: 40.167 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	986263		
177	24.1	20.0	30.0	
150	13.7	11.1	16.7	





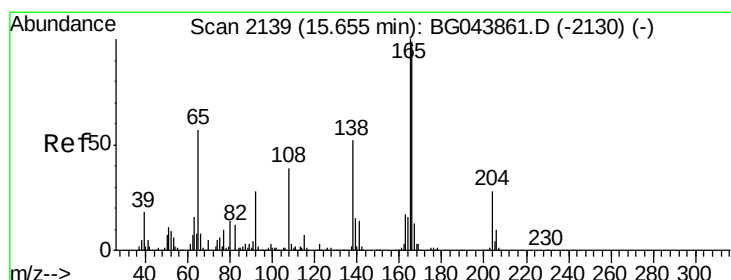
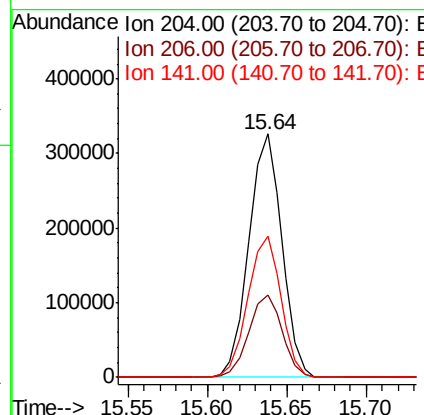
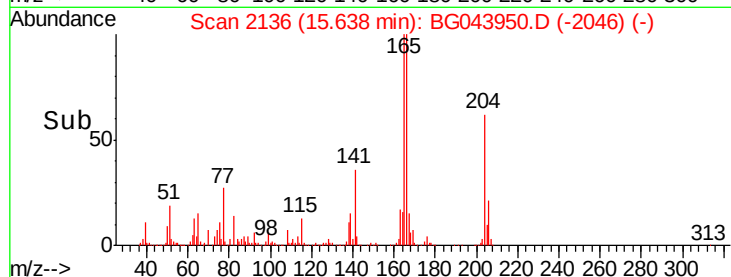
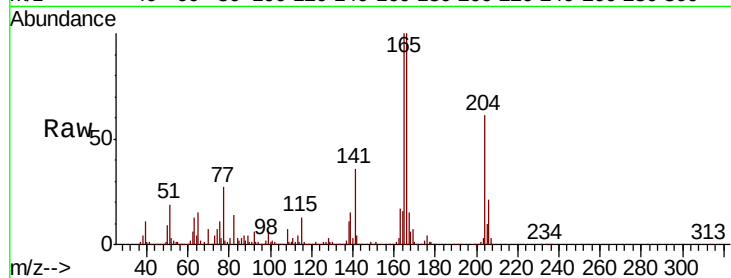
#61
4-Chlorophenyl-phenylether
Concen: 39.352 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp	Lower	Upper
204	100	470750		
206	34.0	28.2	42.2	
141	58.2	48.2	72.2	

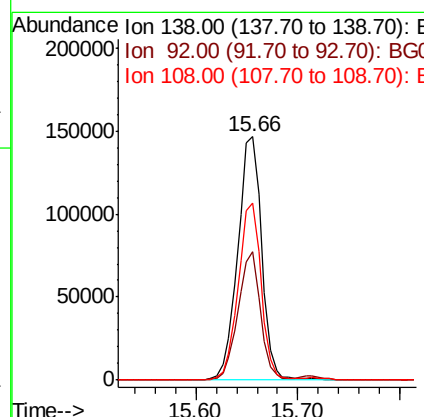
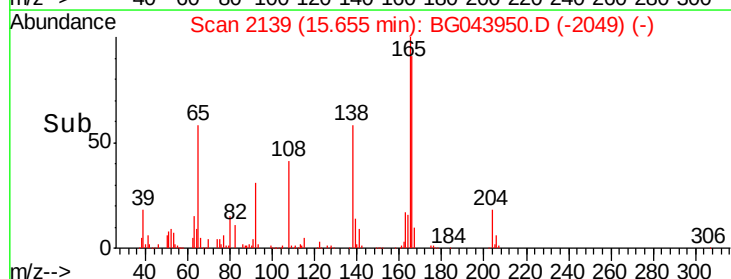
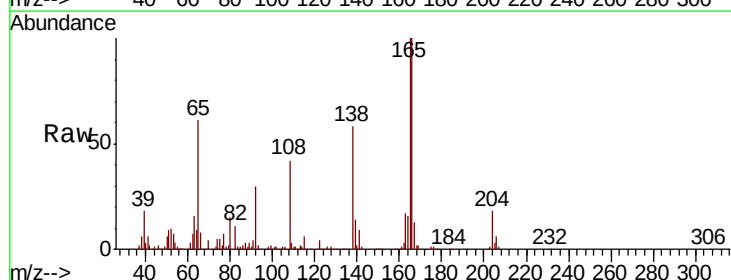
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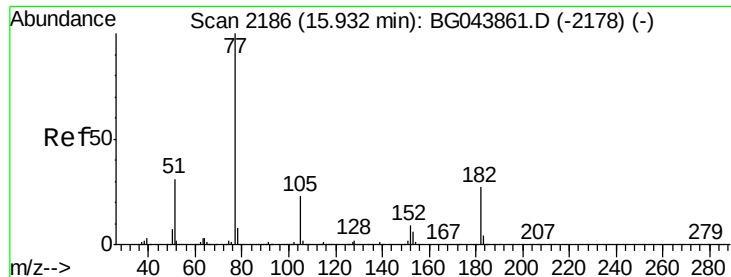
mohammad
1/8/2020 4:25:59 PM



#62
4-Nitroaniline
Concen: 38.571 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	240005		
92	52.5	34.3	74.3	
108	72.5	55.0	95.0	





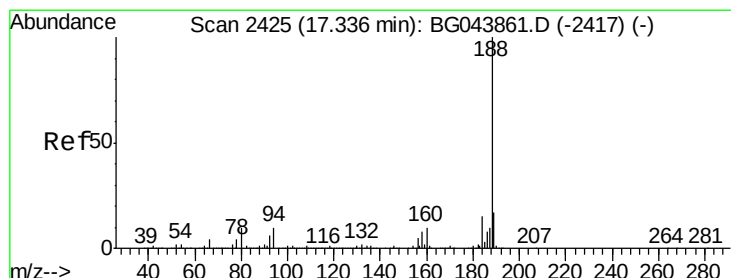
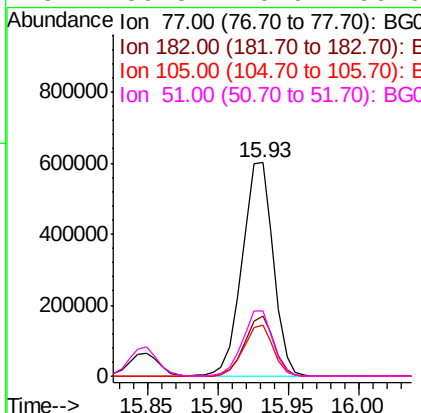
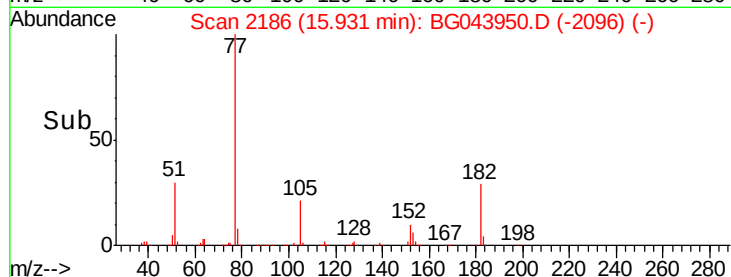
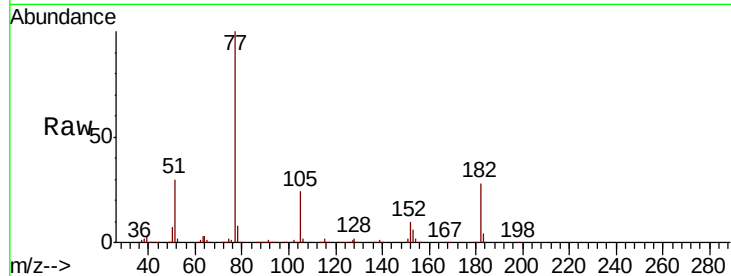
#63
Azobenzene
Concen: 40.707 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.3	47.3
105	23.8	3.2	43.2
51	30.3	10.6	50.6

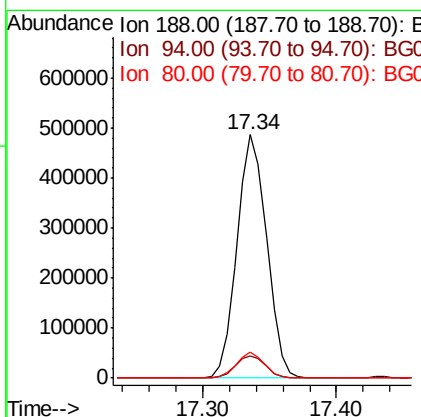
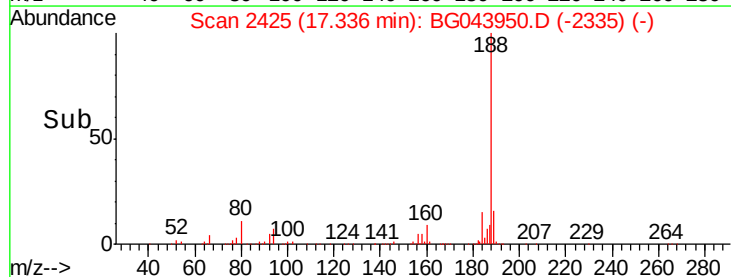
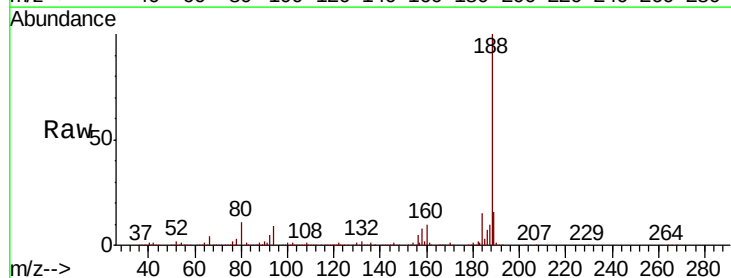
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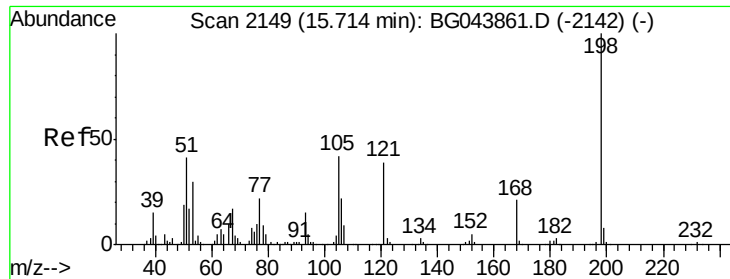
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.8	8.2	12.4





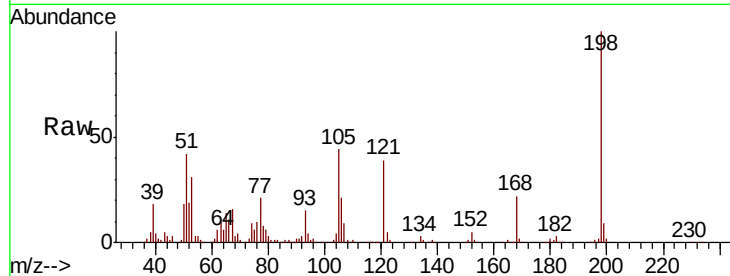
#65
4,6-Dinitro-2-methylphenol
Concen: 41.615 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp	Lower	Upper
198	100	157946		
51	41.9		22.5	62.5
105	43.9		22.3	62.3

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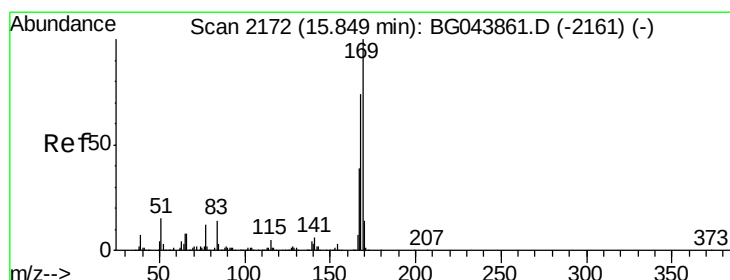
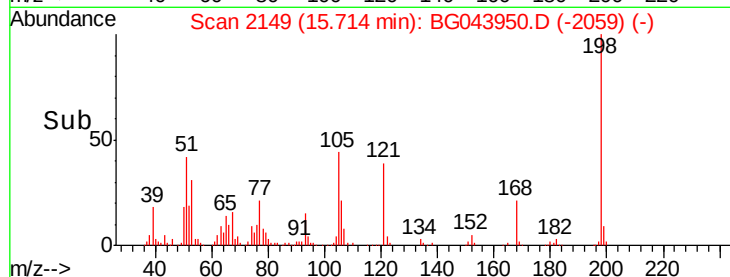
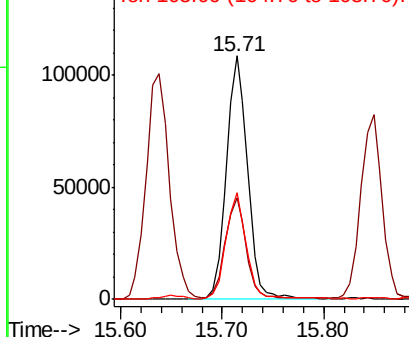


Abundance

Ion 198.00 (197.70 to 198.70): E

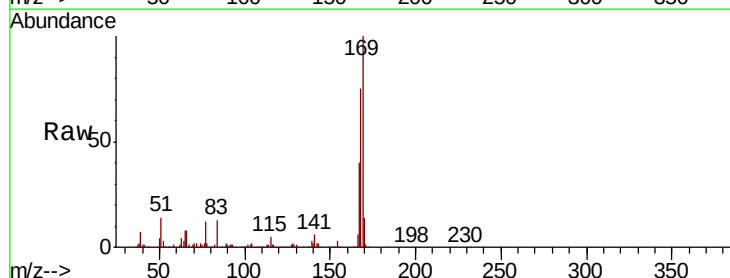
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.692 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	852520		
168	74.8		59.0	88.6
167	40.3		31.4	47.0

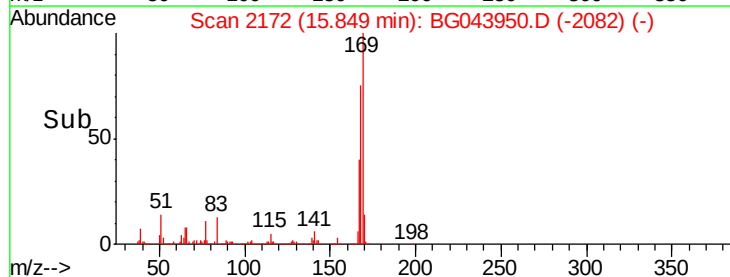
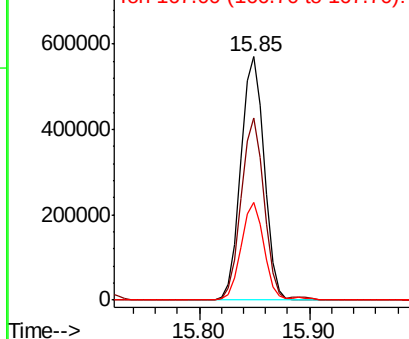


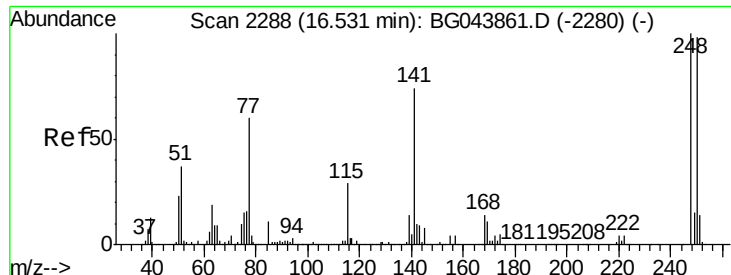
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.063 ng

RT: 16.53 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

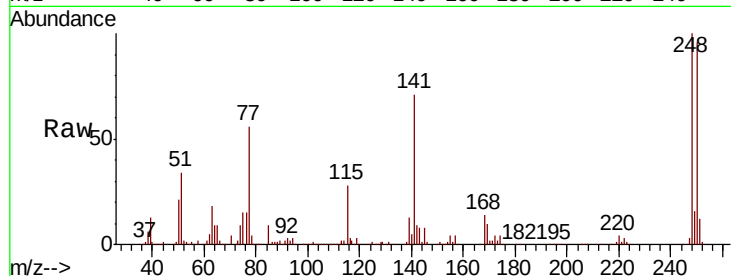
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	248	Resp:	303466
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.2	117.2
141	71.3	59.3	88.9

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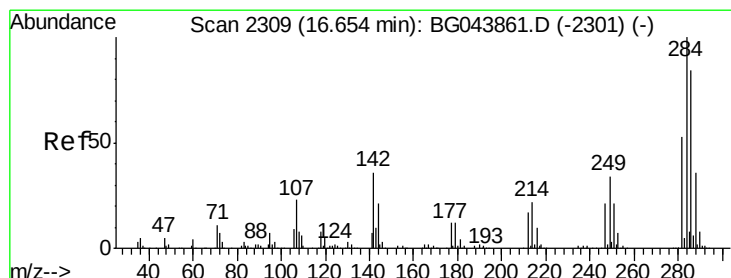
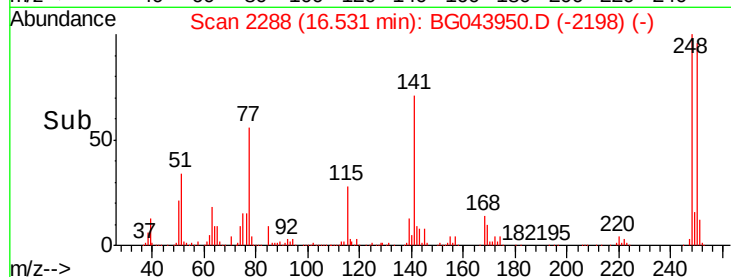
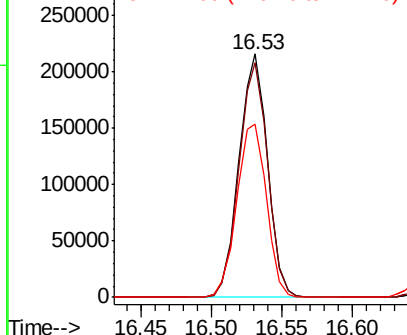


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.197 ng

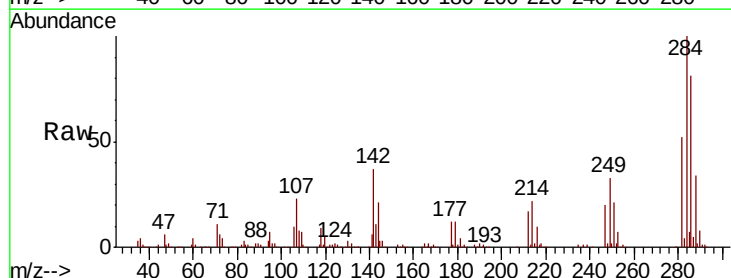
RT: 16.65 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	284	Resp:	328209
Ion Ratio	Lower	Upper	
284	100		
142	37.1	28.6	43.0
249	33.2	27.0	40.6

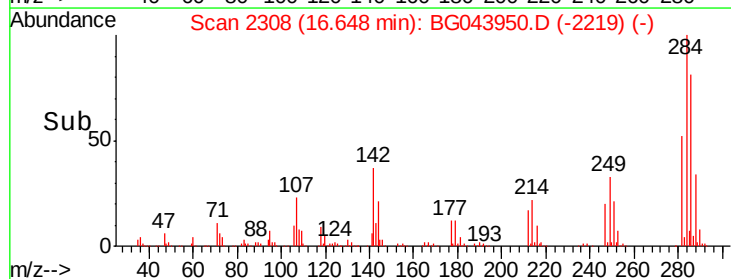
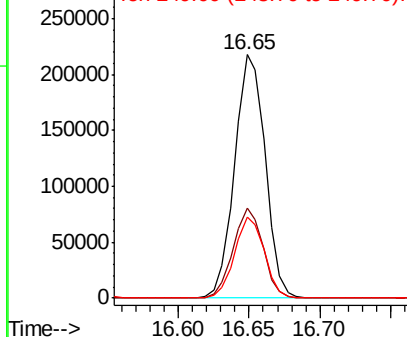


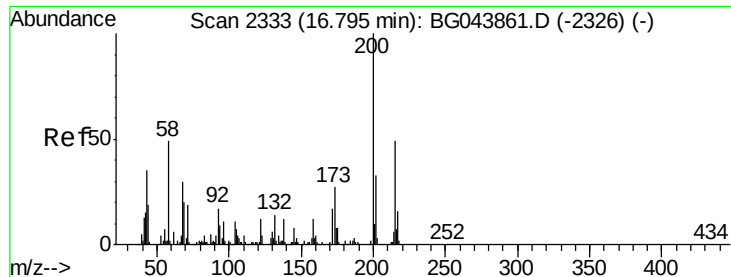
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





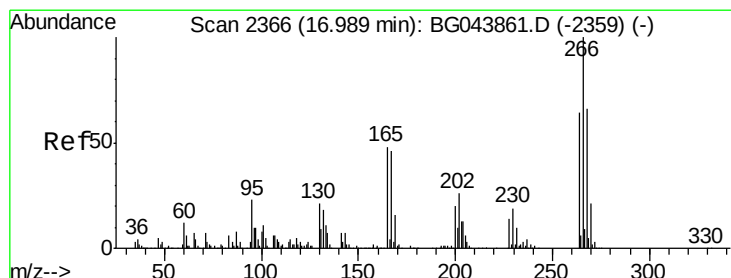
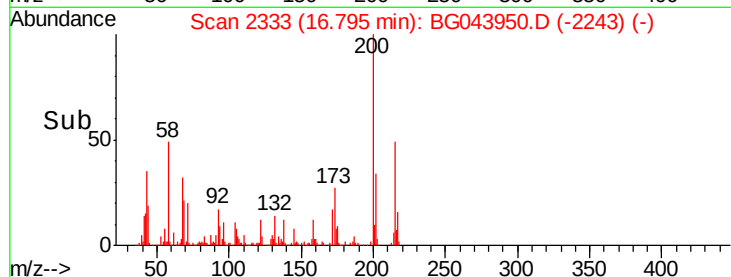
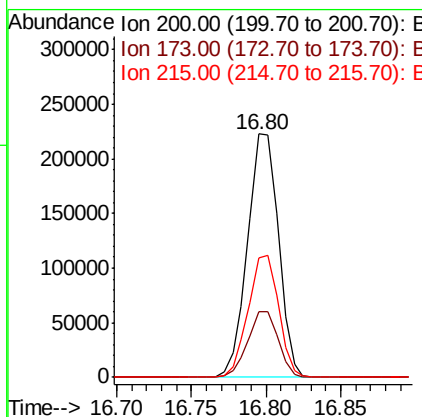
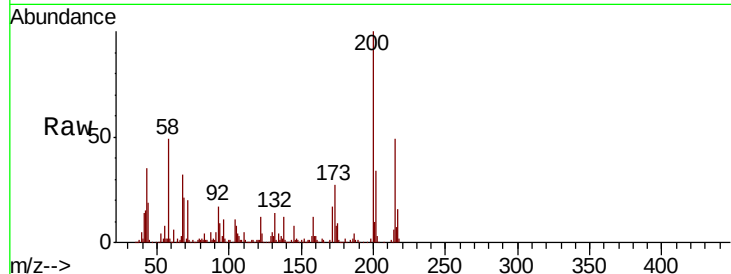
#69
Atrazine
Concen: 44.589 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.6	46.6
215	49.2	28.6	68.6

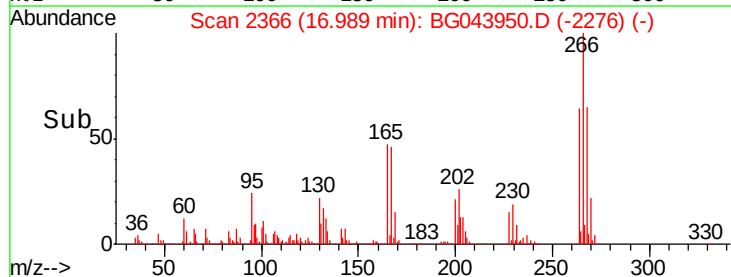
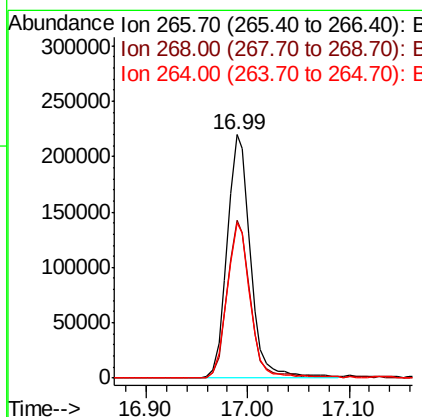
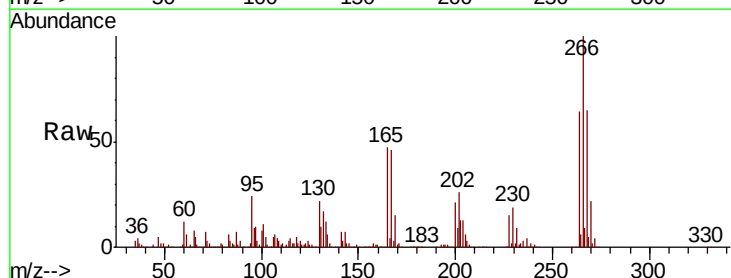
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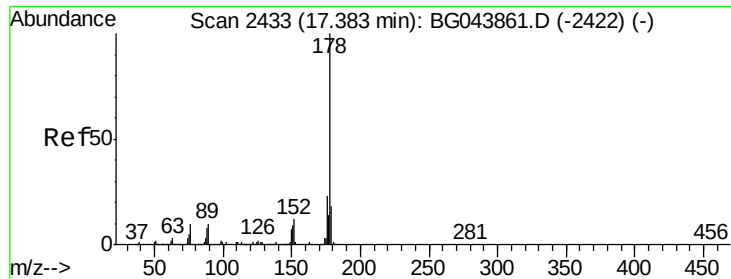
mohammad
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#70
Pentachlorophenol
Concen: 70.436 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	52.6	79.0
264	63.9	50.8	76.2





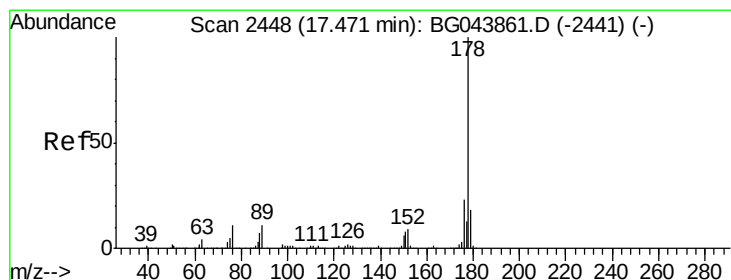
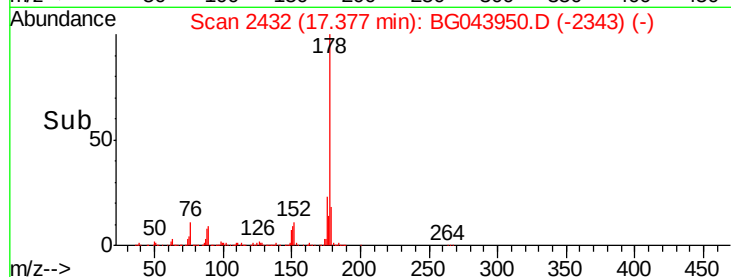
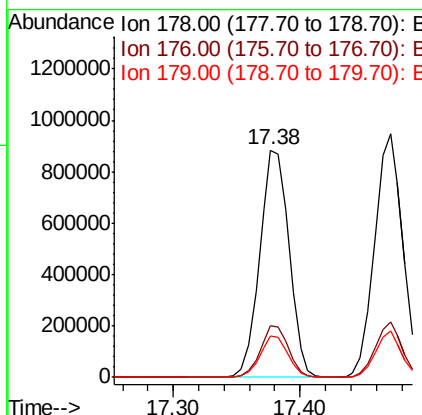
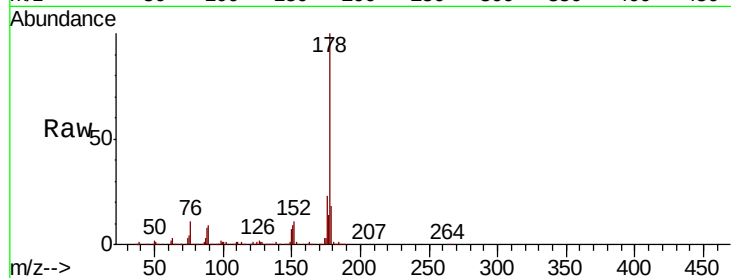
#71
Phenanthrene
Concen: 39.749 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.6	28.0
179	18.3	14.4	21.6

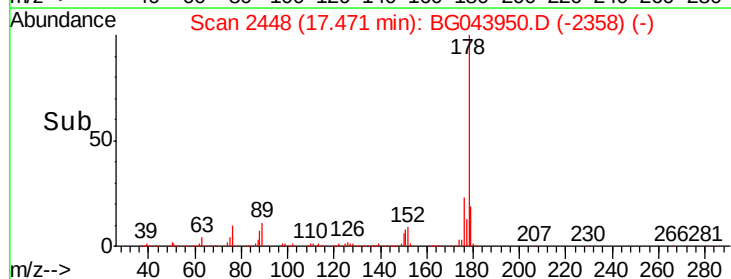
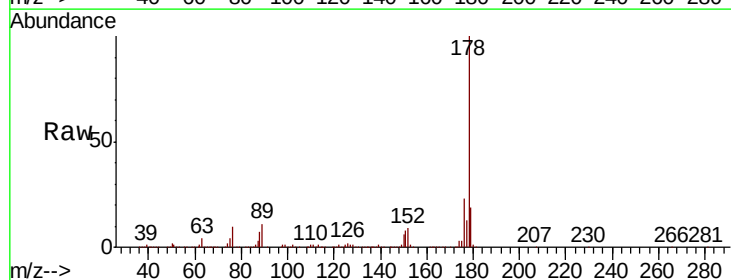
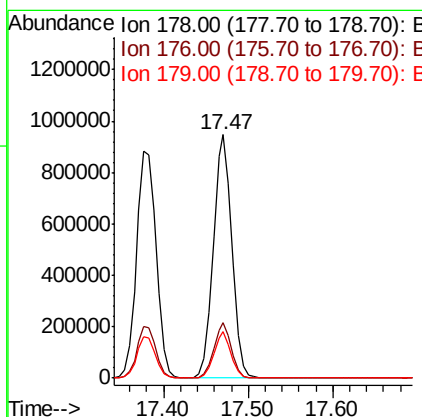
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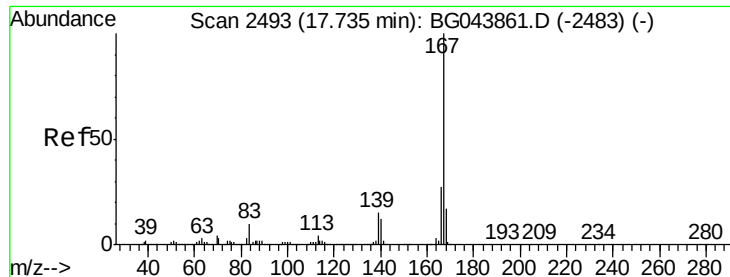
mohammad
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#72
Anthracene
Concen: 41.309 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.3	27.5
179	18.9	14.6	22.0





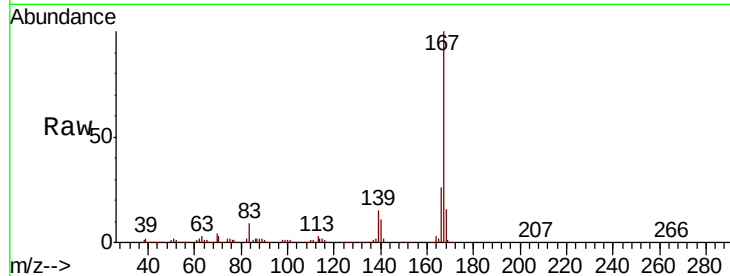
#73
 Carbazole
 Concen: 40.907 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	21.6	32.4
139	14.6	12.1	18.1

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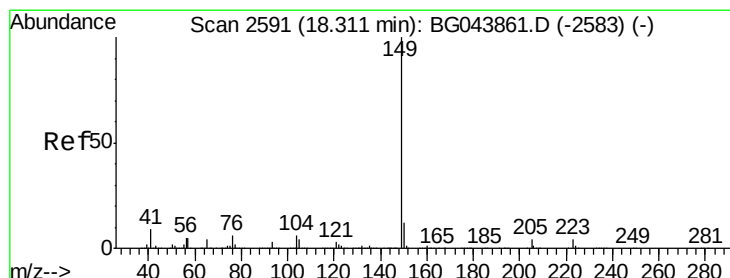
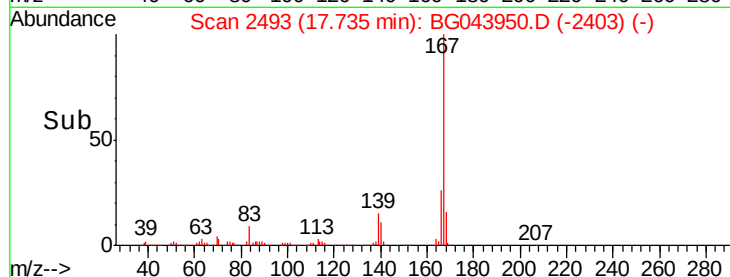
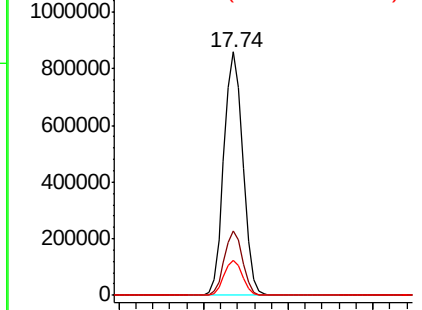


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.871 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043950.D
 Acq: 7 Jan 2020 11:39

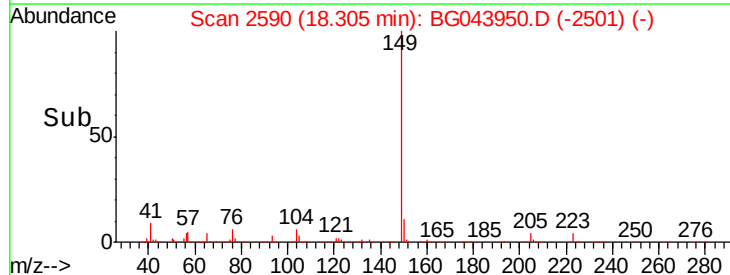
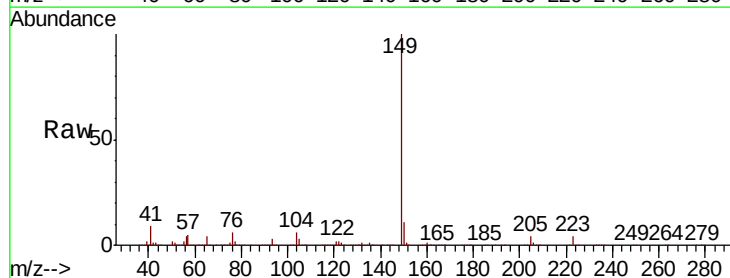
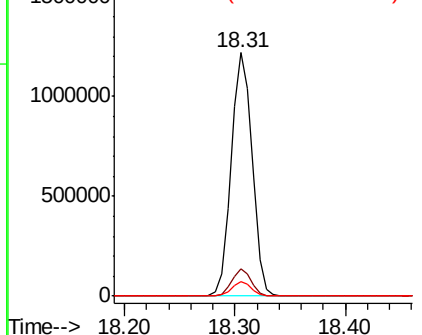
Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.7	14.5
104	6.2	5.0	7.4

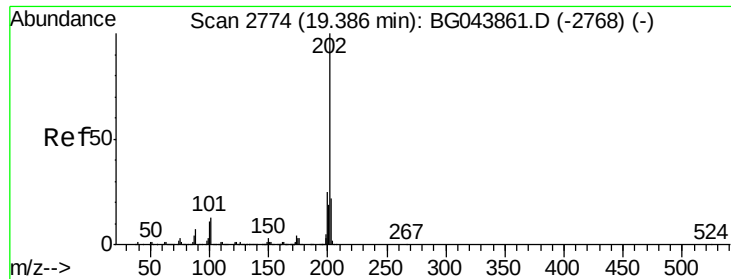
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.502 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

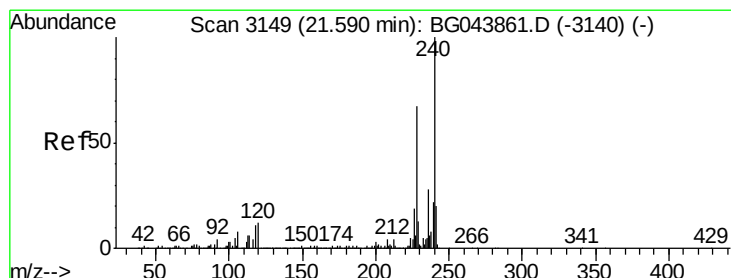
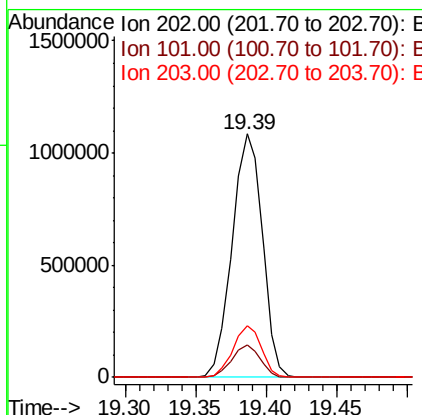
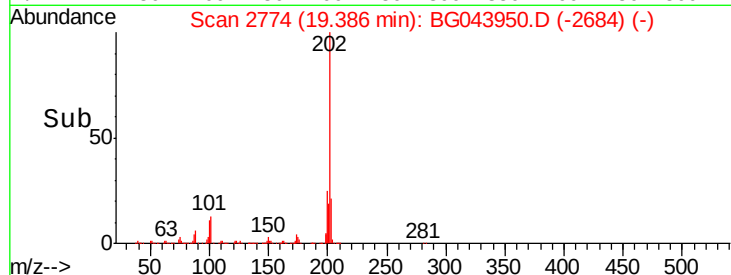
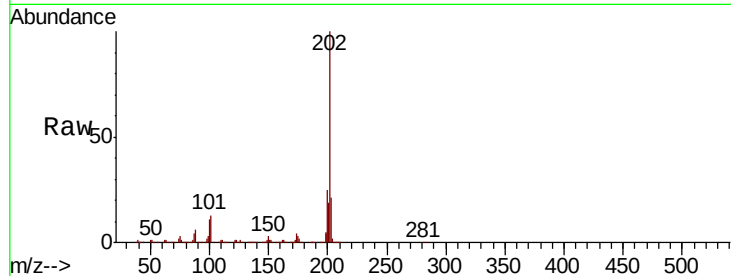
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	202	Resp:	1621277
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.3
203	21.0	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

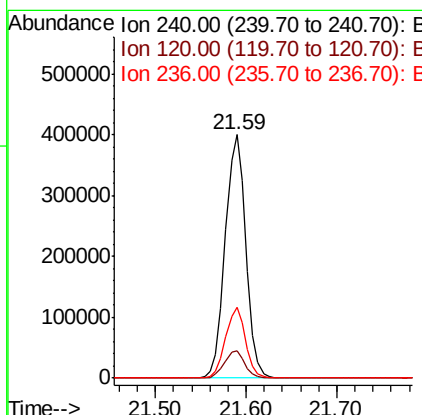
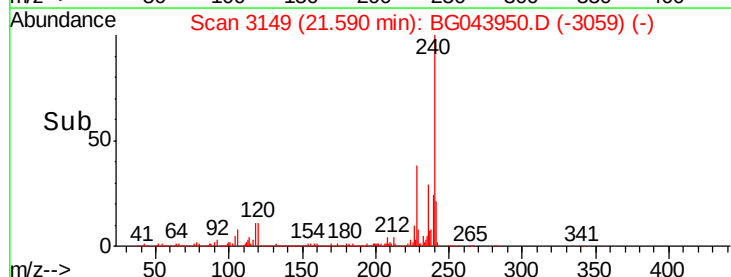
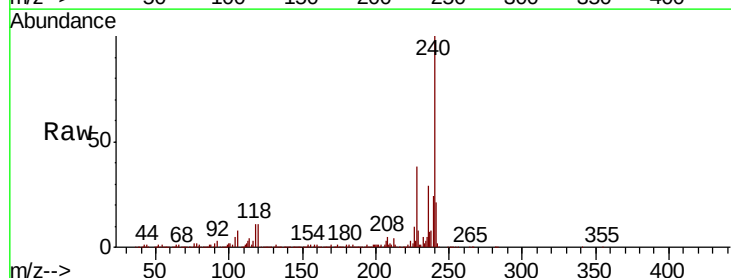
RT: 21.59 min Scan# 3149

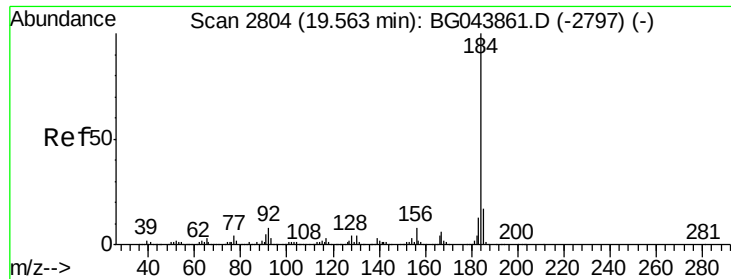
Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	240	Resp:	630019
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	29.2	22.2	33.2





#77

Benzidine

Concen: 46.019 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

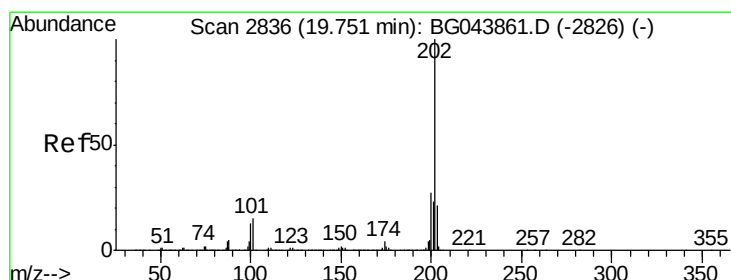
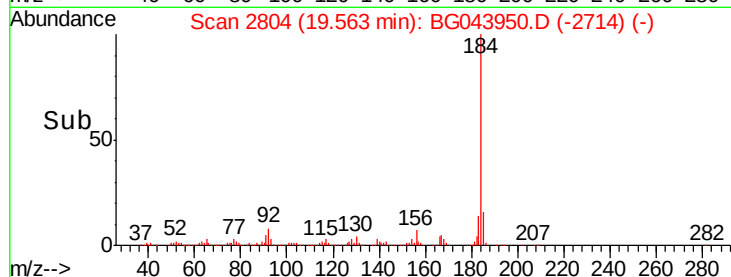
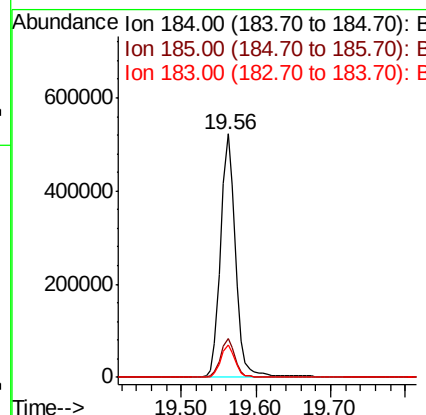
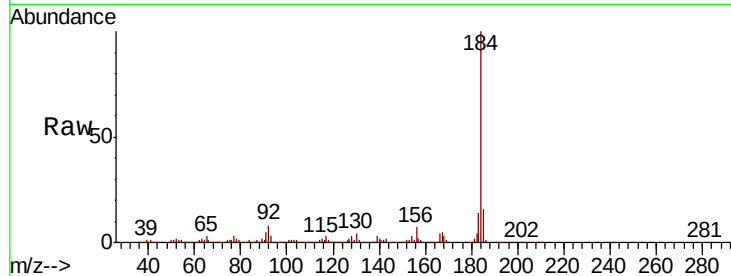
ClientSampleId :

IDOC-W-01-CG

Tot Ion:	184	Resp:	728759
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.4	20.0
183	13.5	10.6	15.8

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#78

Pyrene

Concen: 39.513 ng

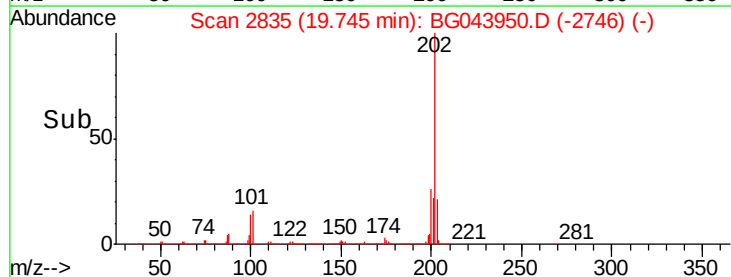
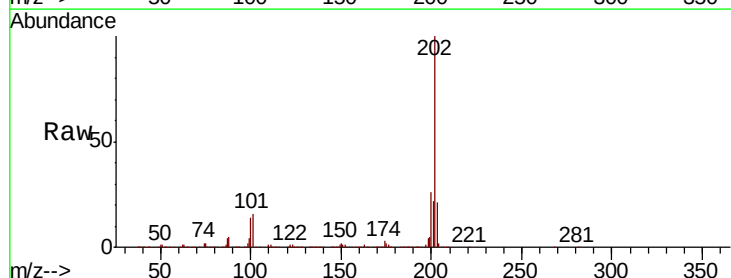
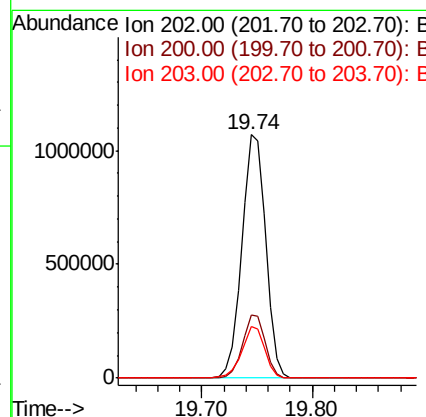
RT: 19.74 min Scan# 2835

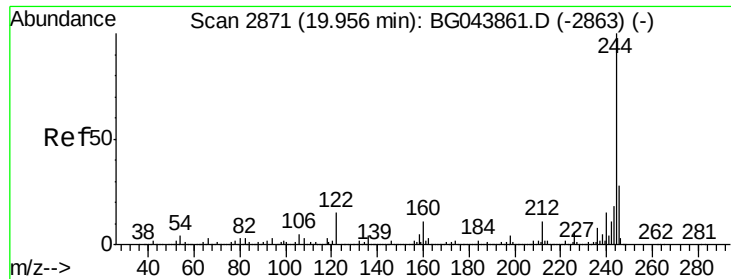
Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:	202	Resp:	1624945
Ion Ratio	Lower	Upper	
202	100		
200	25.8	21.7	32.5
203	21.1	17.0	25.6





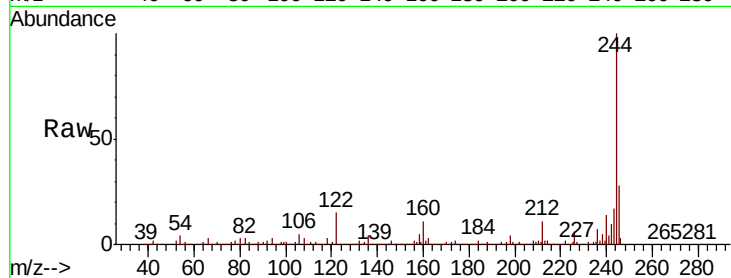
#79
Terphenyl-d14
Concen: 76.869 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.6	13.0
122	14.9	11.9	17.9

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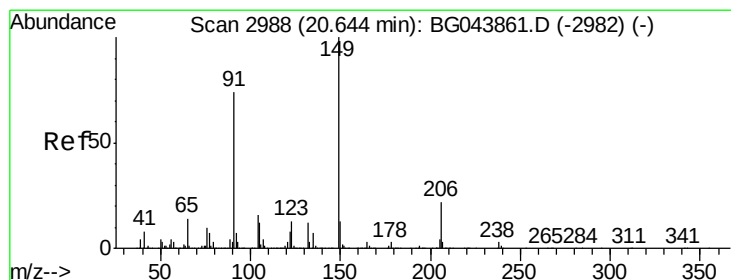
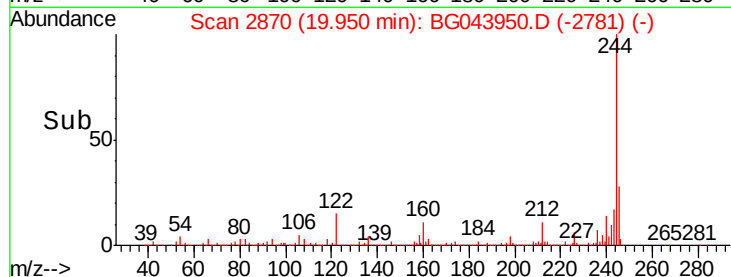
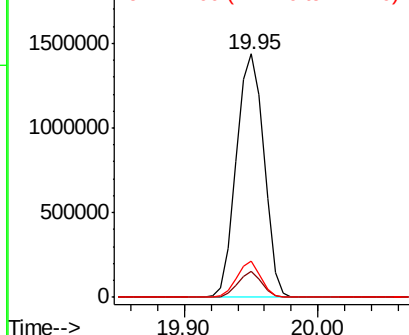


Abundance

Ion 244.00 (243.70 to 244.70): E

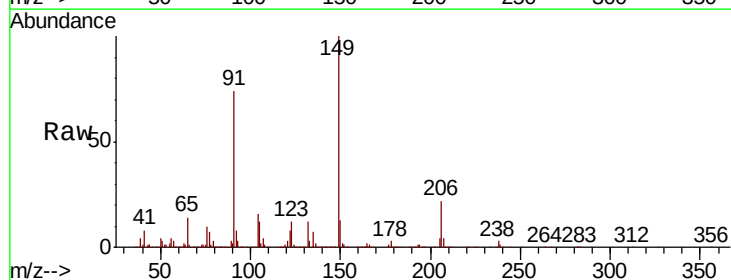
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
Butylbenzylphthalate
Concen: 38.632 ng
RT: 20.64 min Scan# 2987
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	59.5	89.3
206	22.1	17.8	26.6

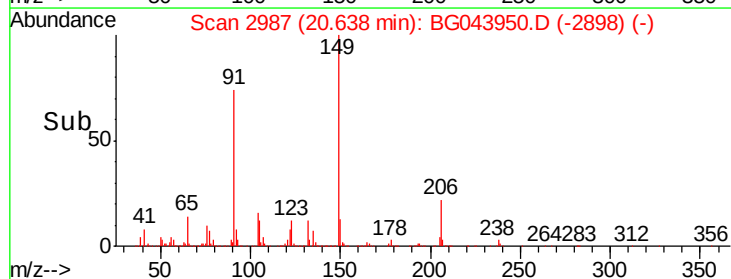
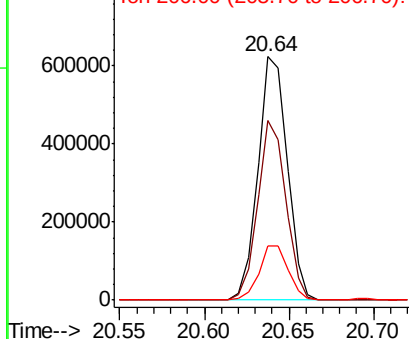


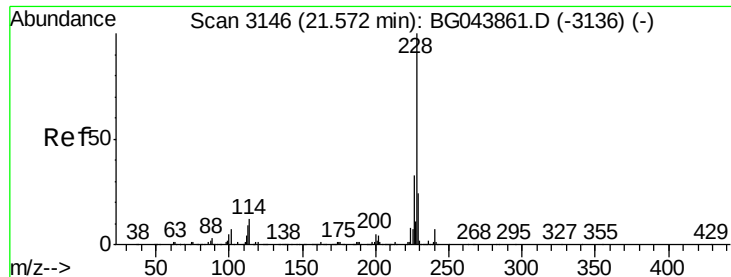
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.126 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

IDOC-W-01-CG

Tot Ion:228 Resp: 1567548

Ion Ratio Lower Upper

228 100

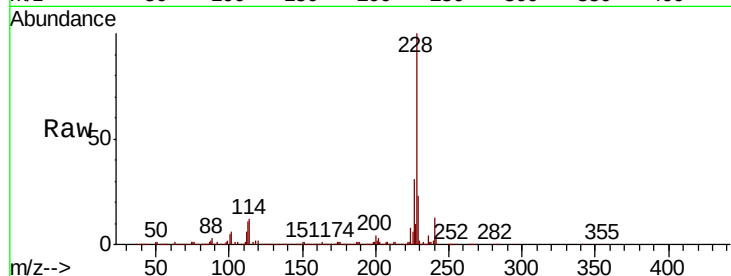
226 31.5 26.2 39.4

229 23.0 18.9 28.3

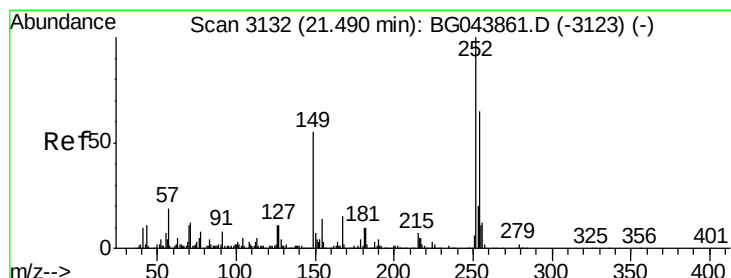
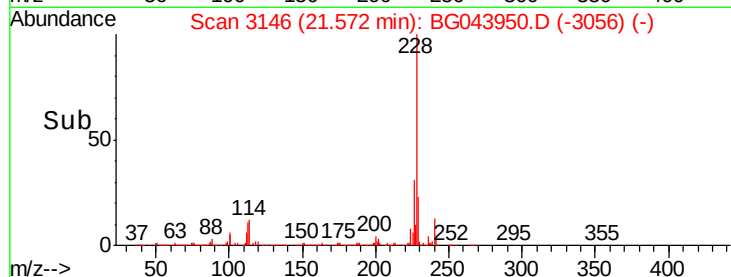
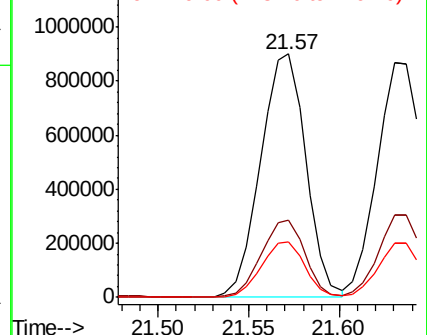
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.932 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

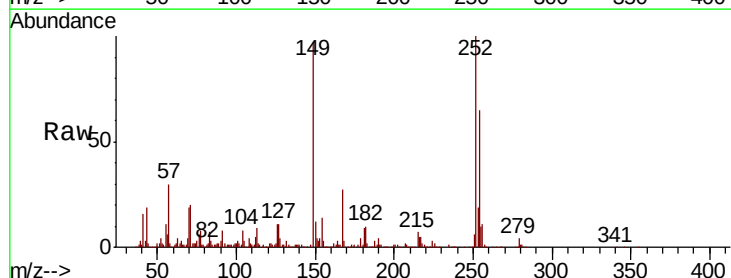
Tgt Ion:252 Resp: 492835

Ion Ratio Lower Upper

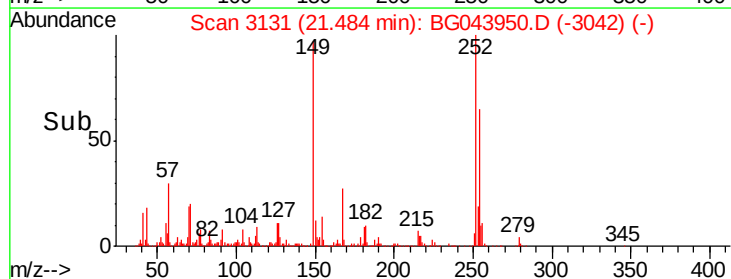
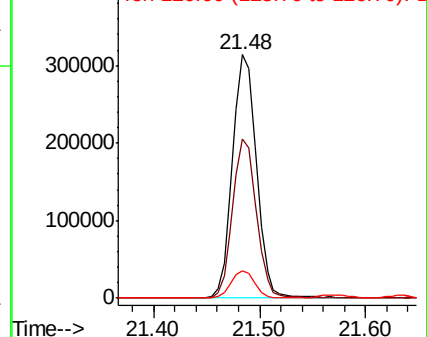
252 100

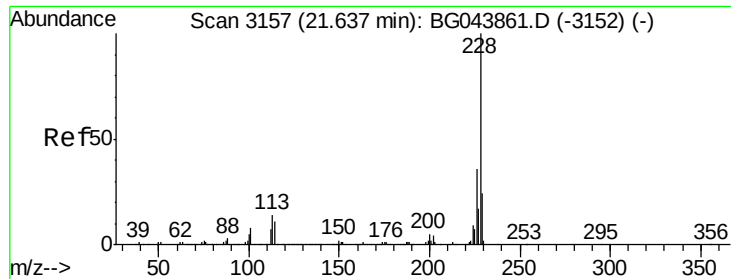
254 65.3 52.1 78.1

126 11.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





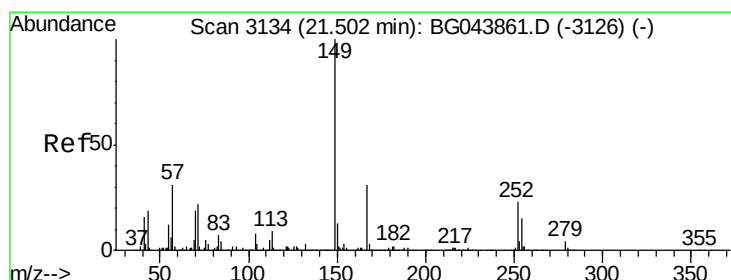
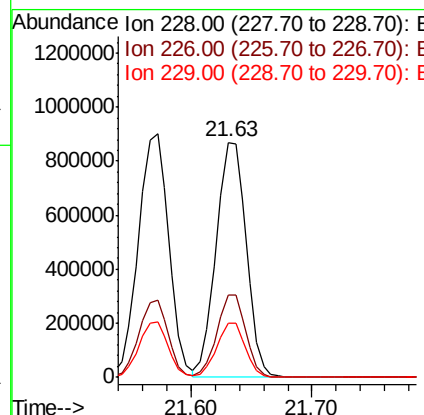
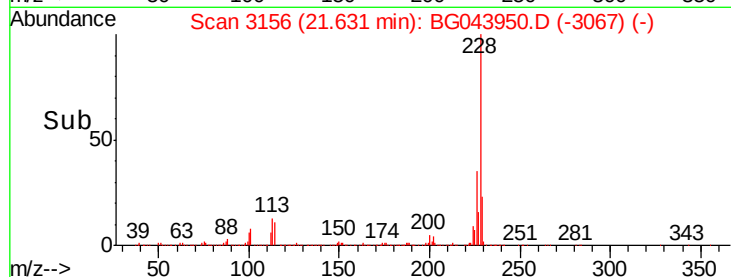
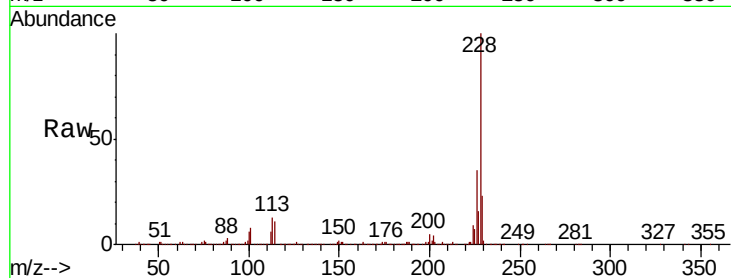
#83
Chrysene
Concen: 40.361 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.2	28.8	43.2
229	22.9	19.0	28.6

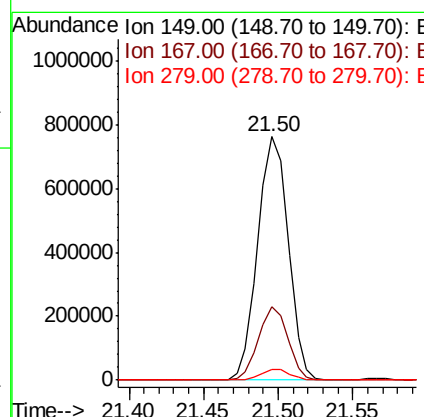
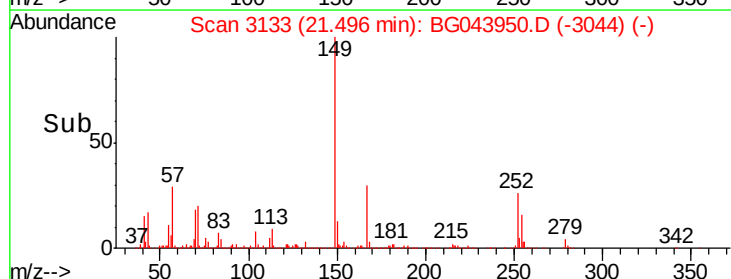
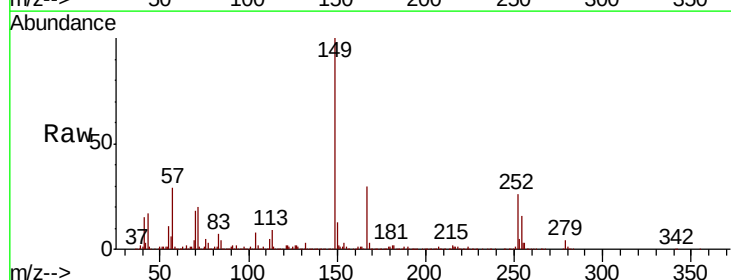
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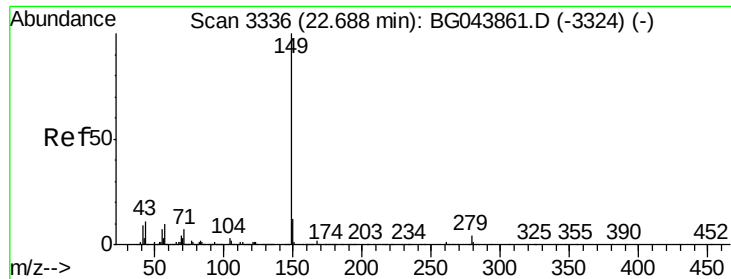
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.882 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.7	37.1
279	4.4	3.3	4.9





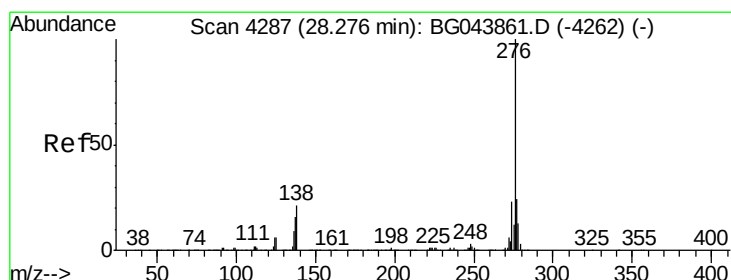
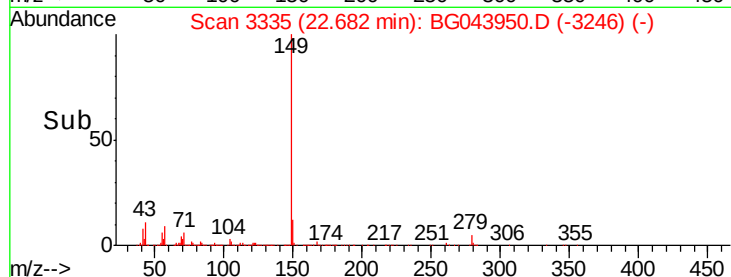
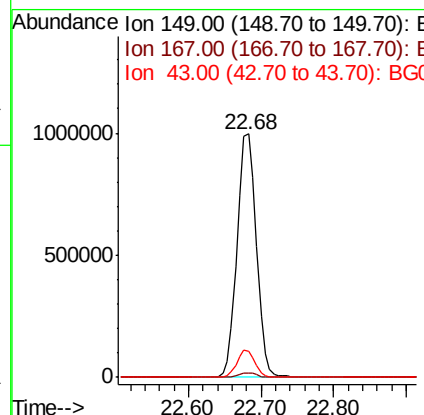
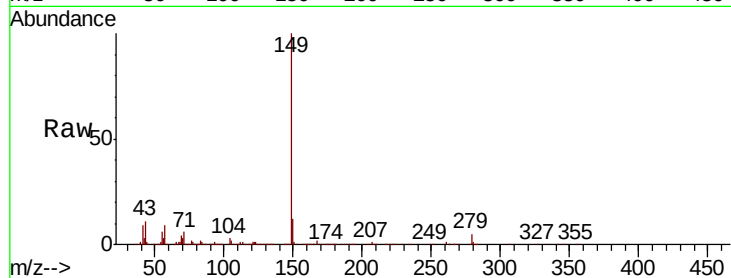
#85
Di-n-octyl phthalate
Concen: 40.771 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.8	13.2

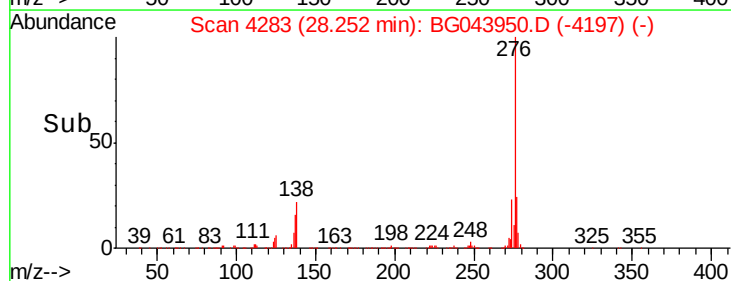
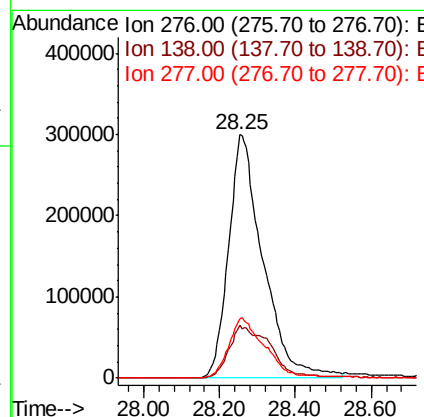
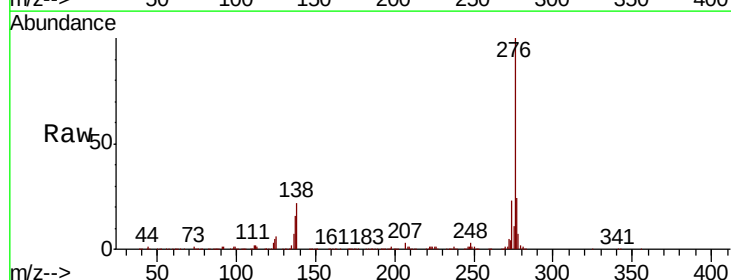
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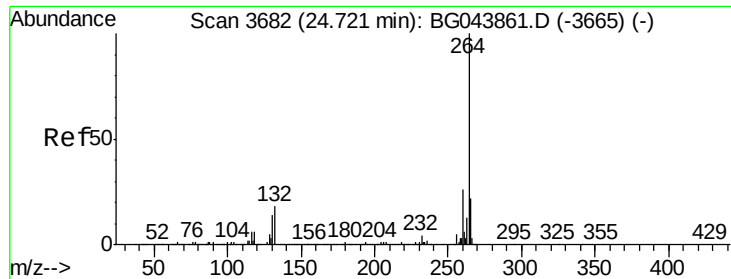
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.504 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.0	31.4
277	25.7	21.1	31.7





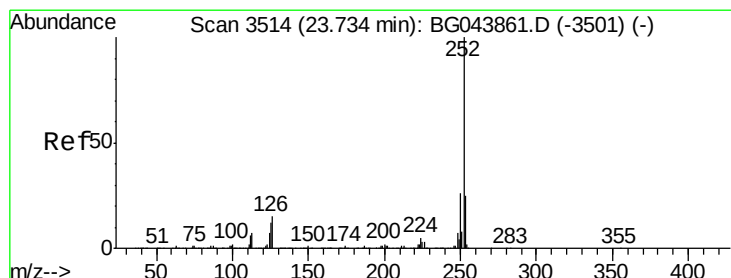
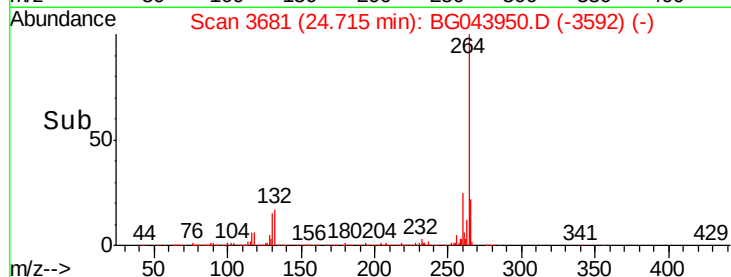
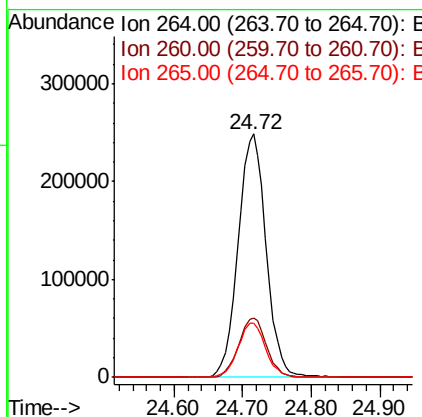
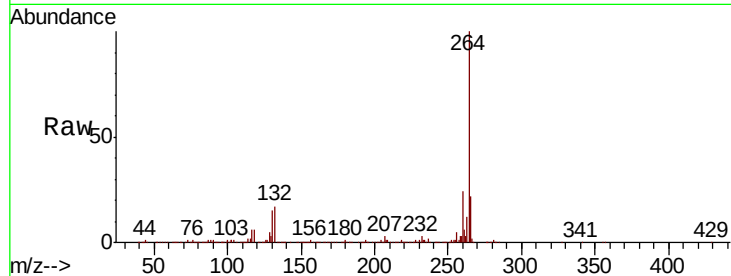
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	22.2	17.4	26.2

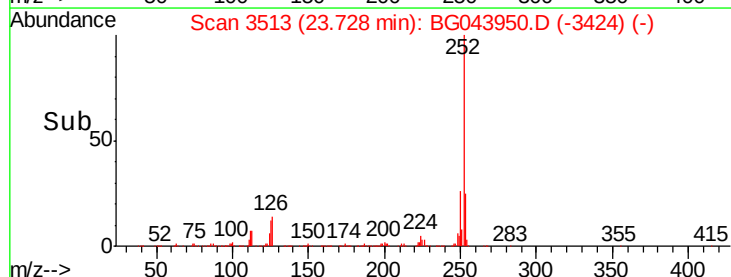
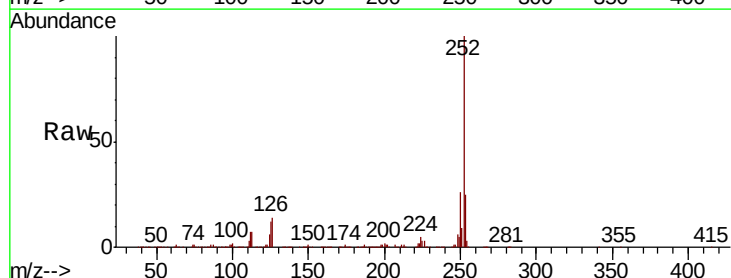
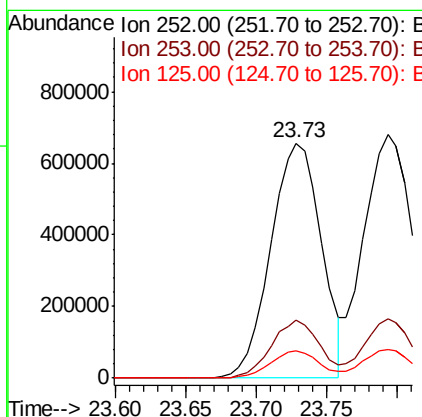
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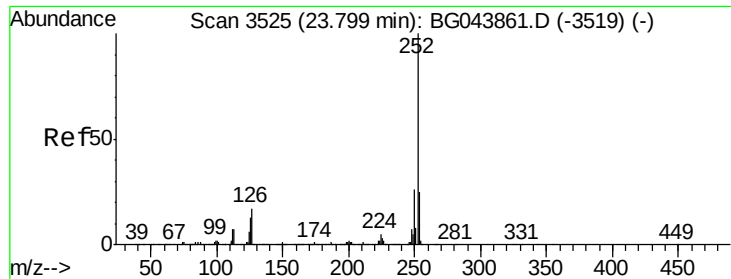
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#88
Benzo(b)fluoranthene
Concen: 39.410 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	11.5	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 41.846 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Instrument :

BNA_G

ClientSampleId :

IDOC-W-01-CG

Tot Ion:252 Resp: 1652506

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

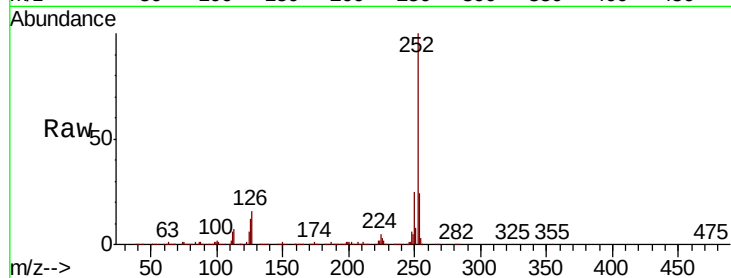
125 11.9 9.9 14.9

Manual Integrations

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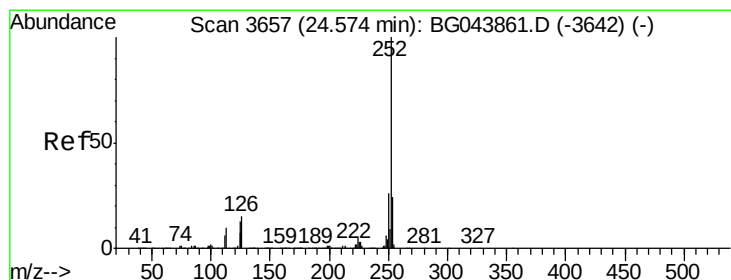
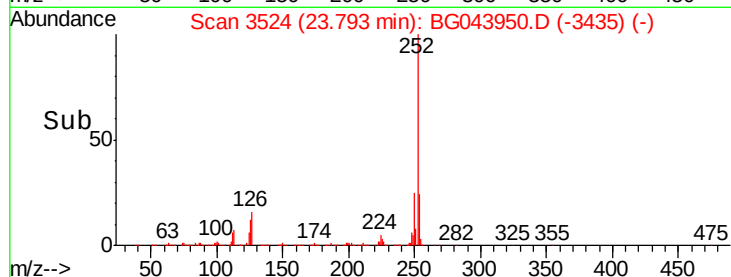
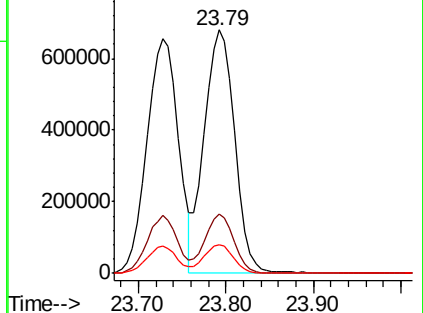
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.644 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.01 min

Lab File: BG043950.D

Acq: 7 Jan 2020 11:39

Tgt Ion:252 Resp: 1553854

Ion Ratio Lower Upper

252 100

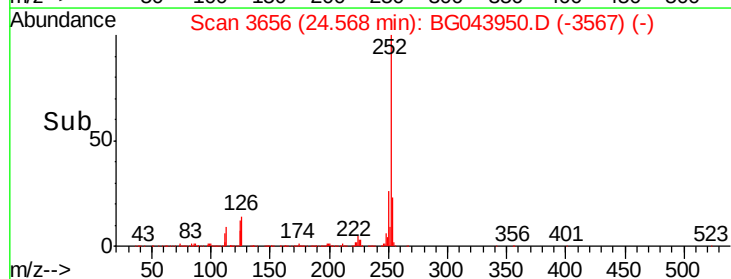
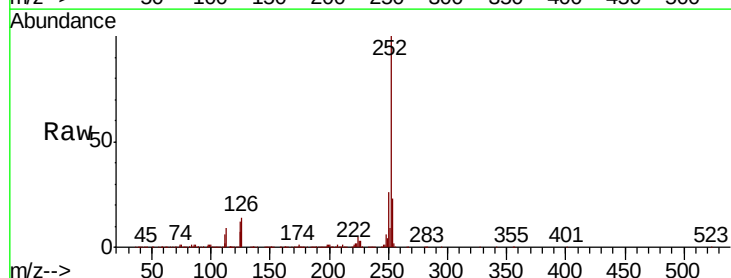
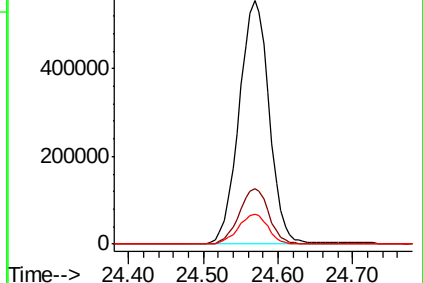
253 22.8 19.3 28.9

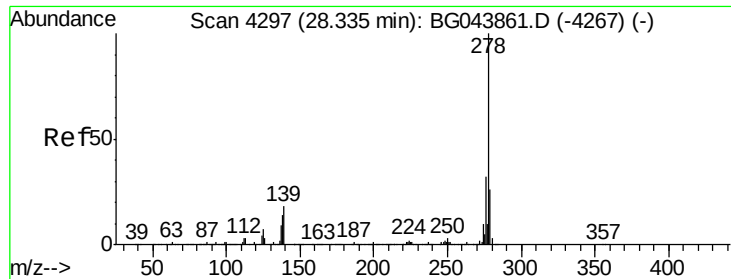
125 12.1 10.4 15.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





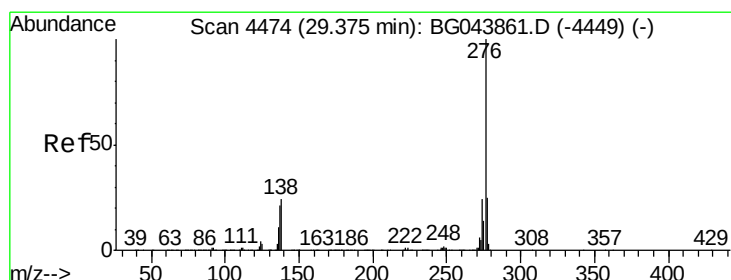
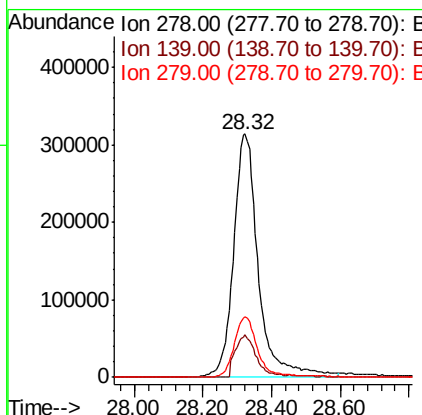
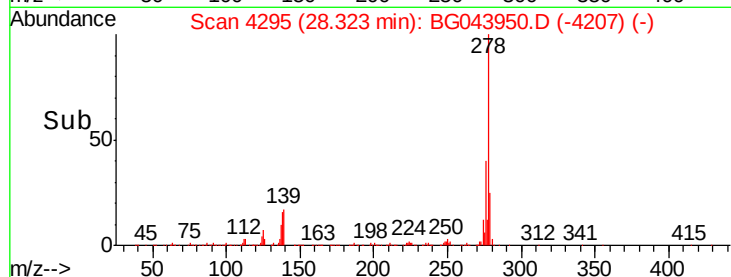
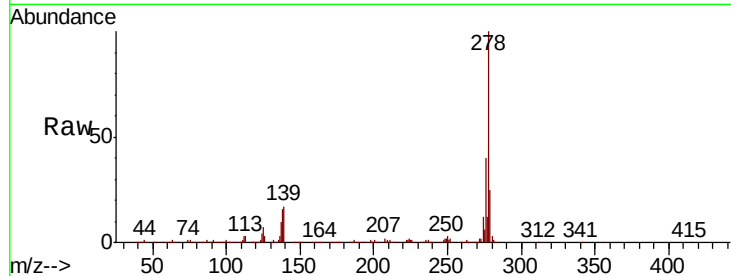
#91
Dibenzo(a,h)anthracene
Concen: 39.942 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Tot Ion:278 Resp: 1572245
Ion Ratio Lower Upper
278 100
139 17.3 14.2 21.4
279 24.9 20.6 30.8

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#92
Benzo(g,h,i)perylene
Concen: 39.656 ng
RT: 29.37 min Scan# 4473
Delta R.T. -0.01 min
Lab File: BG043950.D
Acq: 7 Jan 2020 11:39

Tgt Ion:276 Resp: 1550557
Ion Ratio Lower Upper
276 100
277 25.0 20.2 30.4
138 22.8 19.0 28.6

