

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044893.D
 Acq On : 19 Mar 2020 11:40
 Operator : CG/JU
 Sample : L1759-15MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Manual Integrations
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 3/23/2020 9:39:08 AM

Quant Time: Mar 19 14:48:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84111	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	326571	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	214482	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	495022	20.00	ng	0.00
76) Chrysene-d12	21.69	240	458055	20.00	ng	-0.01
87) Perylene-d12	24.90	264	519398	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	659431	122.04	ng	0.00
7) Phenol-d6	7.21	99	847120	107.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	653350	87.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	419447	149.36	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1341974	89.60	ng	0.00
79) Terphenyl-d14	20.03	244	2136104	87.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	94269	36.230	ng	# 35
3) Pyridine	3.93	79	179844	23.348	ng	97
4) n-Nitrosodimethylamine	3.83	42	133008	45.511	ng	95
6) Aniline	7.37	93	219138	22.433	ng	98
8) 2-Chlorophenol	7.61	128	269174	49.905	ng	95
9) Benzaldehyde	7.18	77	193698	40.729	ng	96
10) Phenol	7.23	94	312632	40.225	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	262164	42.265	ng	91
12) 1,3-Dichlorobenzene	7.94	146	291085	43.810	ng	100
13) 1,4-Dichlorobenzene	8.08	146	300029	45.675	ng	97
14) 1,2-Dichlorobenzene	8.40	146	270836	43.474	ng	98
15) Benzyl Alcohol	8.28	79	290666	46.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	402521	36.772	ng	99
17) 2-Methylphenol	8.48	107	239528	45.497	ng	96
18) Hexachloroethane	9.13	117	113027	43.705	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	231456	41.754	ng	98
20) 3+4-Methylphenols	8.81	107	323579	44.586	ng	97
22) Acetophenone	8.86	105	418902	45.278	ng	98
24) Nitrobenzene	9.25	77	345203	44.703	ng	98
25) Isophorone	9.77	82	640773	44.116	ng	98
26) 2-Nitrophenol	9.96	139	151781	55.627	ng	96
27) 2,4-Dimethylphenol	10.02	122	254224	53.746	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	360132	41.546	ng	99
29) 2,4-Dichlorophenol	10.50	162	275709	49.904	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	299755	45.376	ng	96
31) Naphthalene	10.90	128	825371	45.624	ng	98
32) Benzoic acid	10.16	122	136283	39.204	ng	98
33) 4-Chloroaniline	11.00	127	48210	5.915	ng	97
34) Hexachlorobutadiene	11.20	225	198534	45.700	ng	98
35) Caprolactam	11.77	113	74849m	35.783	ng	
36) 4-Chloro-3-methylphenol	12.12	107	308496	46.819	ng	94
37) 2-Methylnaphthalene	12.51	142	618696	45.720	ng	98
38) 1-Methylnaphthalene	12.72	142	581262m	45.689	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	332248	47.037	ng	98

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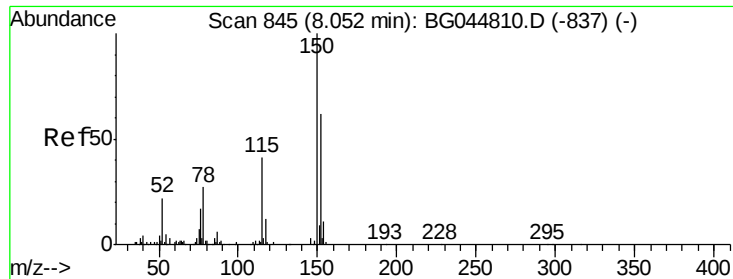
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	400642	103.786	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	241363	51.488	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	254817	52.416	nq	94
46) 1,1'-Biphenyl	13.51	154	768621	44.844	nq	100
47) 2-Chloronaphthalene	13.55	162	592971	45.288	nq	99
48) 2-Nitroaniline	13.75	65	221165	48.248	nq	99
49) Acenaphthylene	14.40	152	974038	47.485	nq	99
50) Dimethylphthalate	14.13	163	853244	49.948	nq	99
51) 2,6-Dinitrotoluene	14.24	165	183161	53.193	nq	98
52) Acenaphthene	14.74	154	710258	52.871	nq	98
53) 3-Nitroaniline	14.57	138	72978	18.435	nq	91
54) 2,4-Dinitrophenol	14.77	184	196065	105.953	nq	87
55) Dibenzofuran	15.07	168	937096	48.103	nq	100
56) 4-Nitrophenol	14.88	139	271054	89.715	nq	95
57) 2,4-Dinitrotoluene	15.03	165	250158	52.973	nq	# 98
58) Fluorene	15.73	166	758798	47.350	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	243726	54.454	nq	95
60) Diethylphthalate	15.50	149	813542	45.661	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	418235	48.469	nq	99
62) 4-Nitroaniline	15.73	138	182519	43.238	nq	94
63) Azobenzene	16.01	77	822673	44.464	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	145111	59.992	nq	96
66) n-Nitrosodiphenylamine	15.93	169	692175	46.444	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	290725	46.978	nq	98
68) Hexachlorobenzene	16.74	284	312650	46.568	nq	99
69) Atrazine	16.88	200	272541	49.913	nq	98
70) Pentachlorophenol	17.07	266	382865	103.644	nq	99
71) Phenanthrene	17.47	178	1220531	46.139	nq	100
72) Anthracene	17.55	178	1249801	47.914	nq	98
73) Carbazole	17.82	167	1164069	46.459	nq	99
74) Di-n-butylphthalate	18.39	149	1373439	45.093	nq	99
75) Fluoranthene	19.47	202	1489285	47.283	nq	100
77) Benzidine	19.65	184	223157	15.007	nq	98
78) Pyrene	19.83	202	1485152	44.193	nq	98
80) Butylbenzylphthalate	20.72	149	643187	43.021	nq	97
81) Benzo(a)anthracene	21.67	228	1465457	44.430	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	223802	17.539	nq	98
83) Chrysene	21.74	228	1386428	44.004	nq	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	899201	43.579	nq	97
85) Di-n-octyl phthalate	22.81	149	1557653	45.112	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1926732	46.646	nq	# 97
88) Benzo(b)fluoranthene	23.88	252	1601389	46.702	nq	99
89) Benzo(k)fluoranthene	23.95	252	1534506	47.289	nq	98
90) Benzo(a)pyrene	24.75	252	1484349	46.263	nq	96
91) Dibenzo(a,h)anthracene	28.61	278	1563176	49.384	nq	98
92) Benzo(g,h,i)perylene	29.68	276	1604007	50.156	nq	99

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



#1

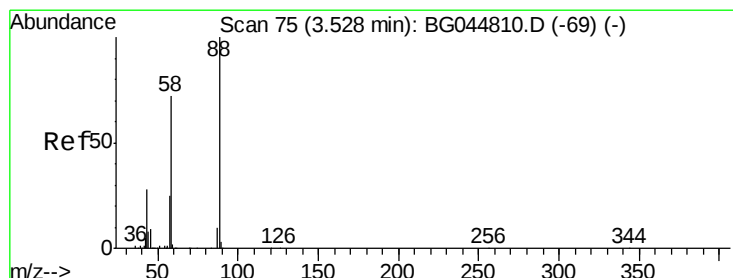
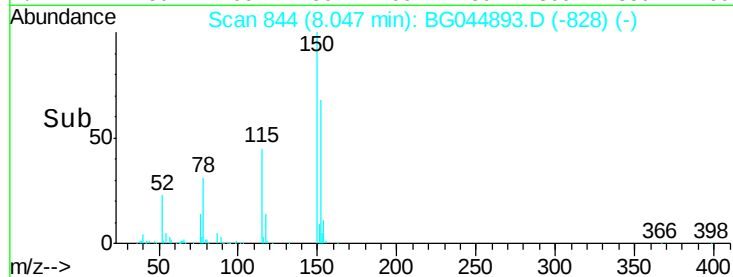
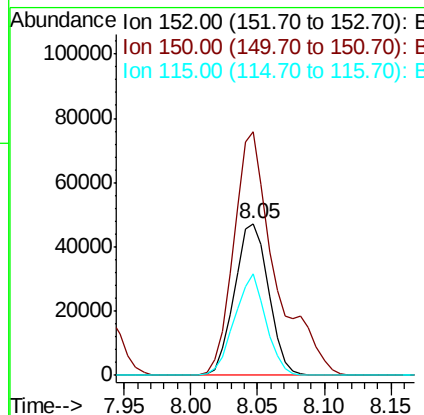
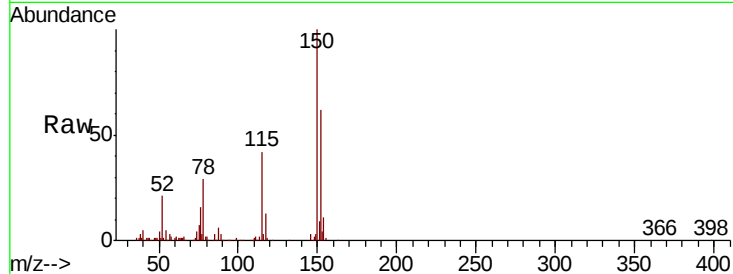
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
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OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.8	193.2
115	66.7	52.6	79.0

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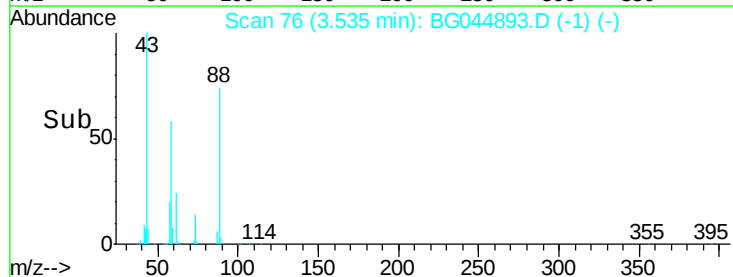
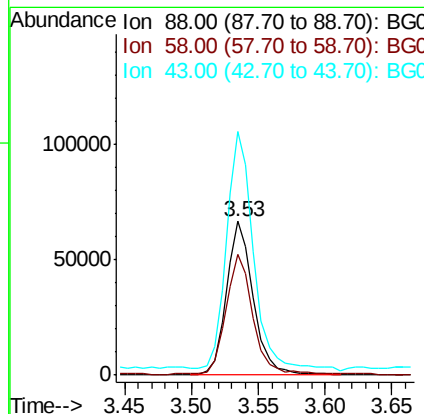
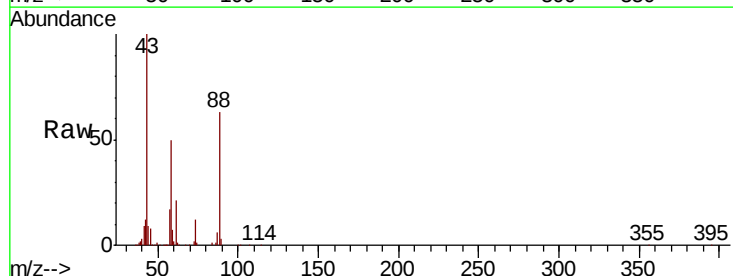
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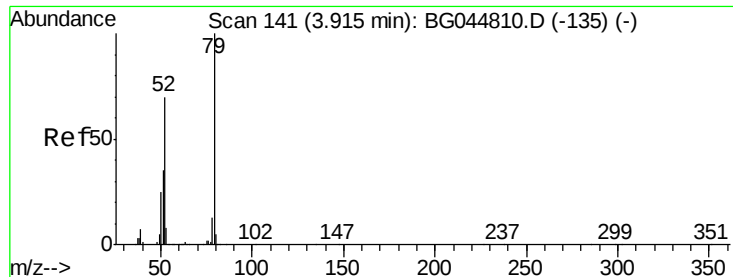


#2

1,4-Dioxane
Concen: 36.230 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	63.0	94.4
43	156.6	24.8	37.2#





#3

Pvridine

Concen: 23.348 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.02 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

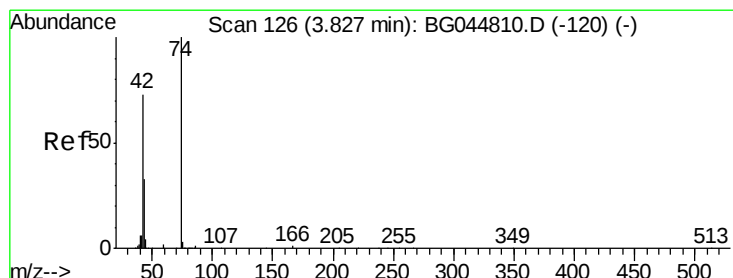
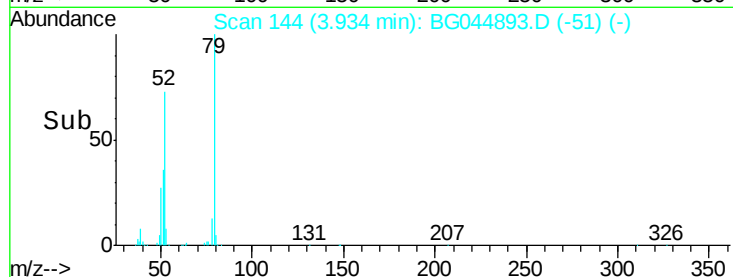
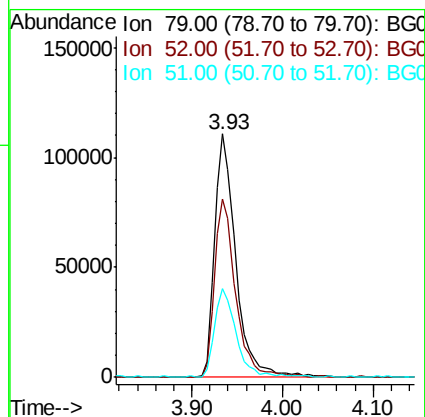
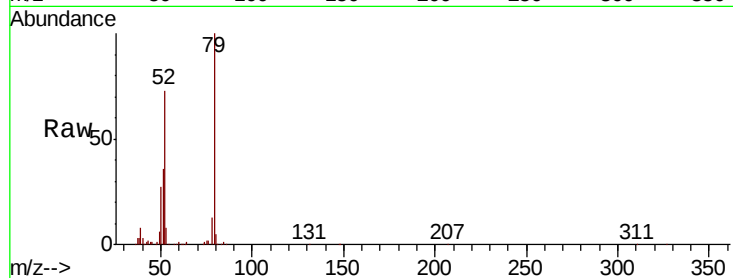
ClientSampleId :

OR-02-031620MS

Tot Ion:	79	Resp:	179844
Ion	Ratio	Lower	Upper
79	100		
52	73.0	56.3	84.5
51	36.3	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 45.511 ng

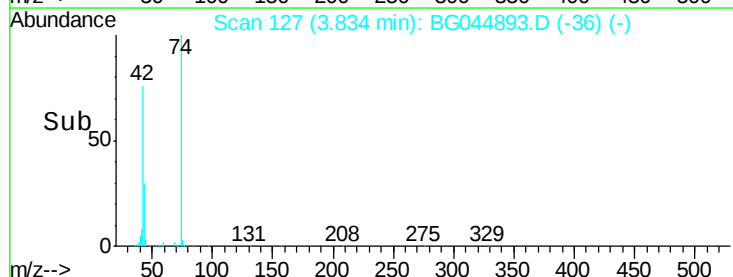
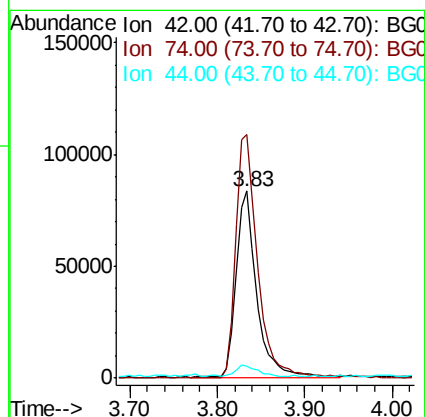
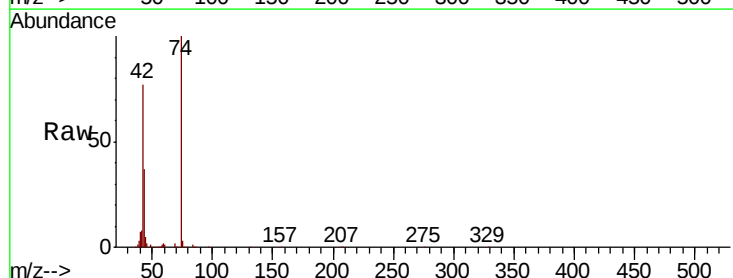
RT: 3.83 min Scan# 127

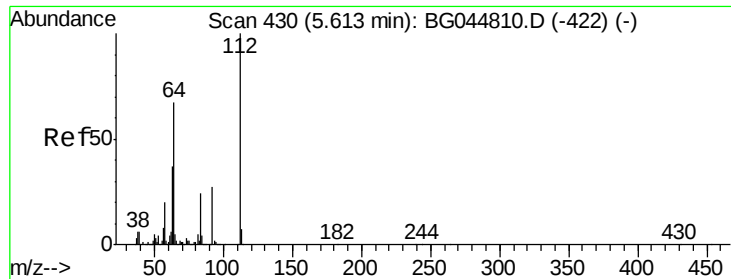
Delta R.T. 0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	42	Resp:	133008
Ion	Ratio	Lower	Upper
42	100		
74	130.2	109.1	163.7
44	6.3	5.4	8.2





#5

2-Fluorophenol

Concen: 122.045 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

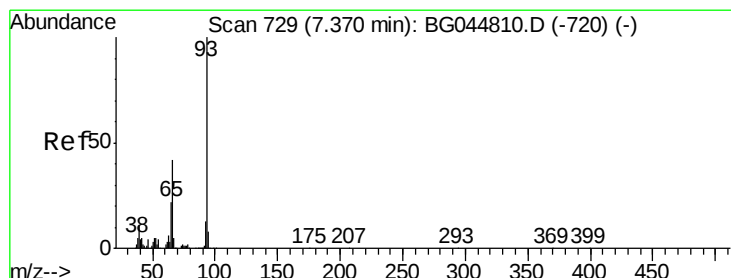
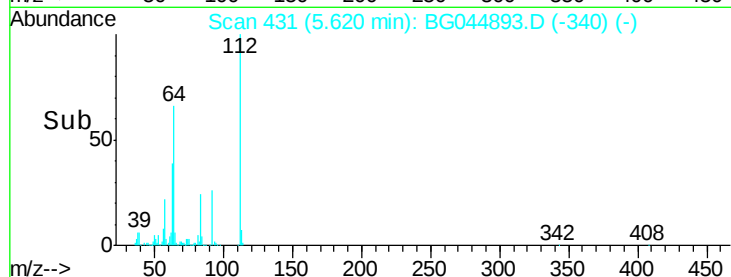
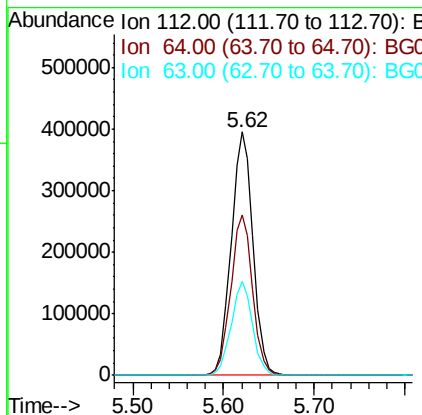
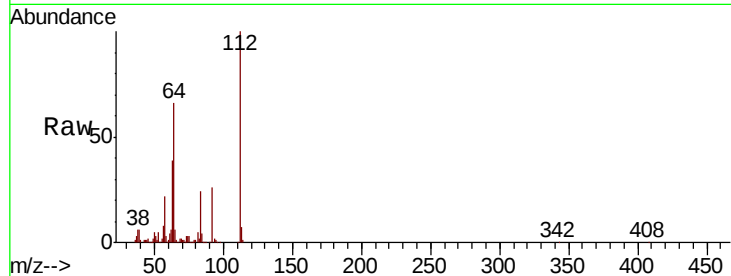
ClientSampleId :

OR-02-031620MS

Tot Ion:	112	Resp:	659431
Ion Ratio	Lower	Upper	
112	100		
64	66.2	53.4	80.2
63	38.8	29.4	44.2

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#6

Aniline

Concen: 22.433 ng

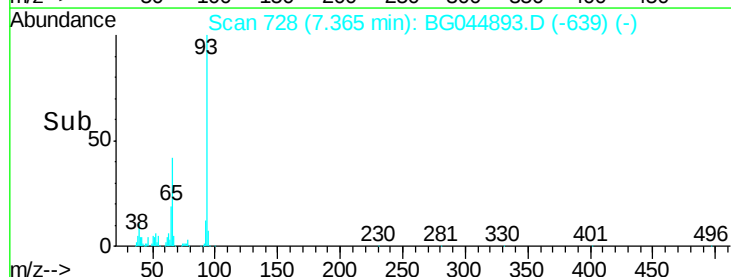
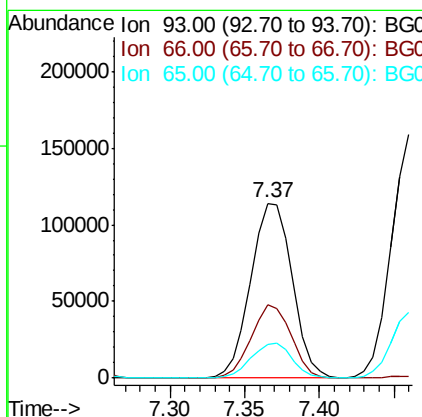
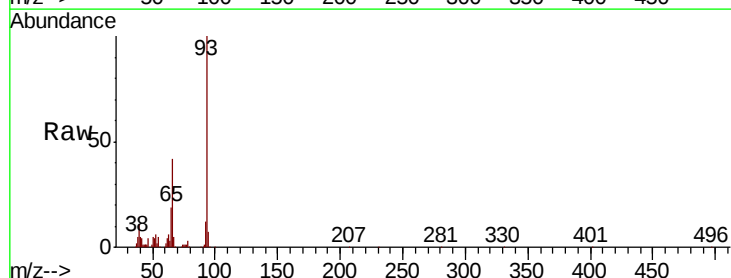
RT: 7.37 min Scan# 728

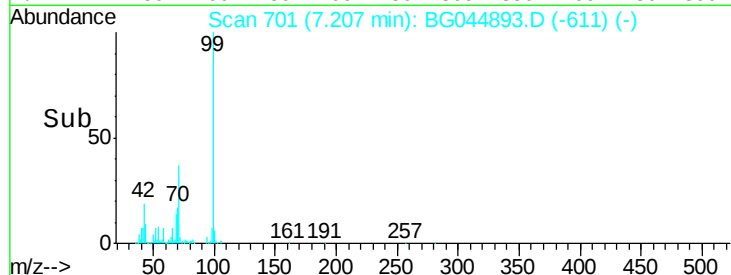
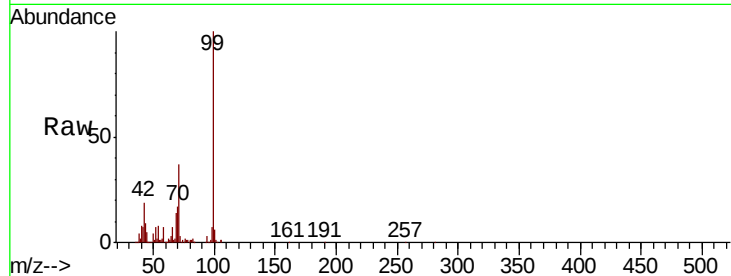
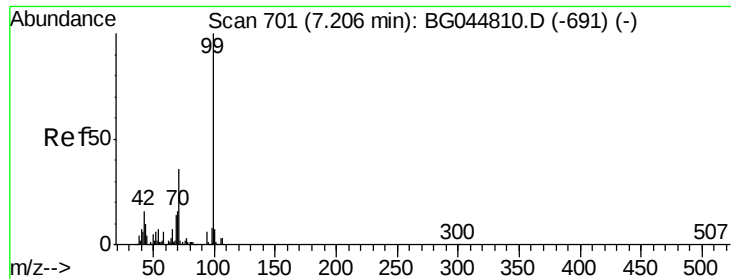
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	93	Resp:	219138
Ion Ratio	Lower	Upper	
93	100		
66	42.0	33.7	50.5
65	19.5	17.7	26.5





#7

Phenol-d6

Concen: 107.907 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tot Ion:	99	Resp:	847120
Ion Ratio	Lower	Upper	
99	100		
42	18.6	12.6	19.0
71	36.5	29.0	43.4

Instrument :

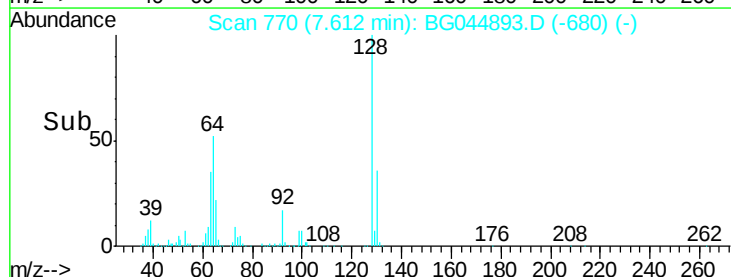
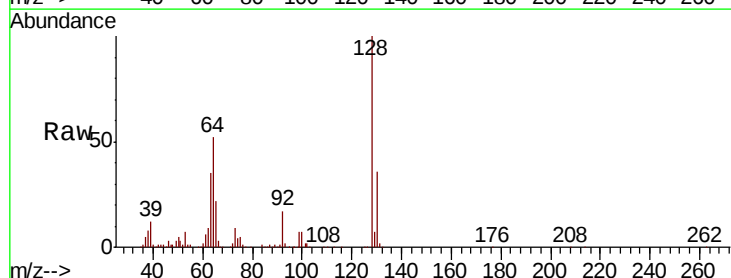
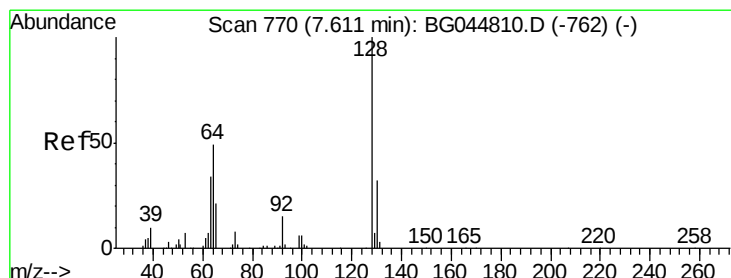
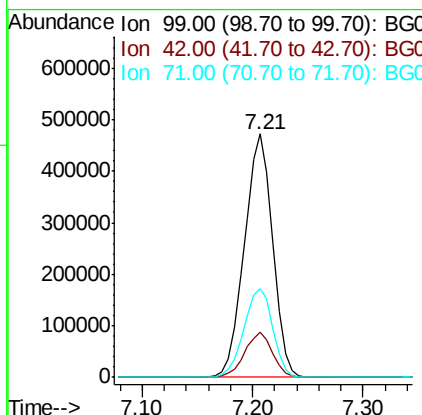
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#8

2-Chlorophenol

Concen: 49.905 ng

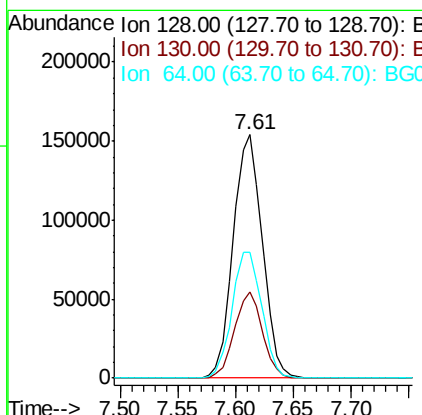
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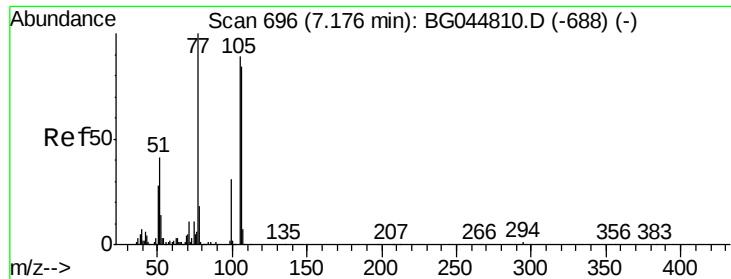
Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	128	Resp:	269174
Ion Ratio	Lower	Upper	
128	100		
130	35.5	11.6	51.6
64	51.9	34.5	74.5





#9

Benzaldehyde

Concen: 40.729 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

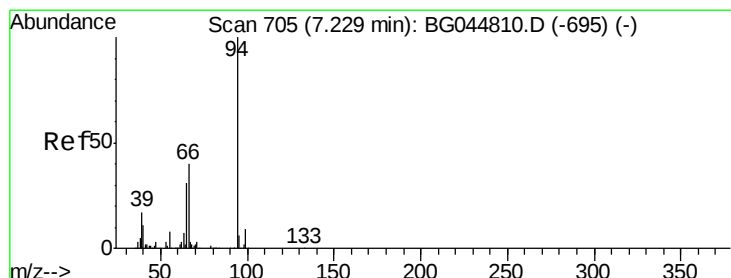
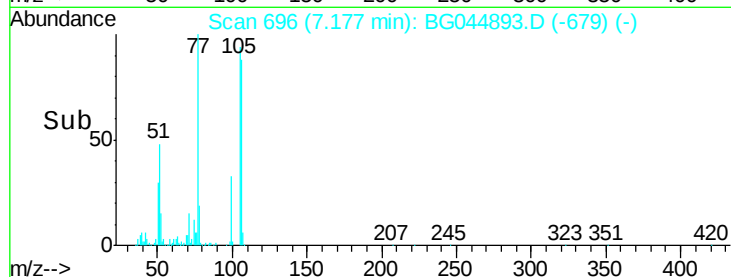
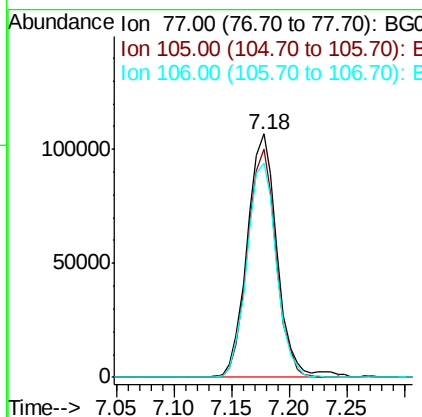
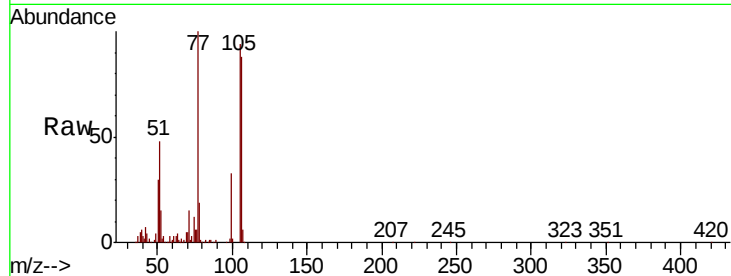
ClientSampleId :

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Tot Ion:	77	Resp:	193698
Ion	Ratio	Lower	Upper
77	100		
105	93.7	69.3	109.3
106	88.0	64.5	104.5

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#10

Phenol

Concen: 40.225 ng

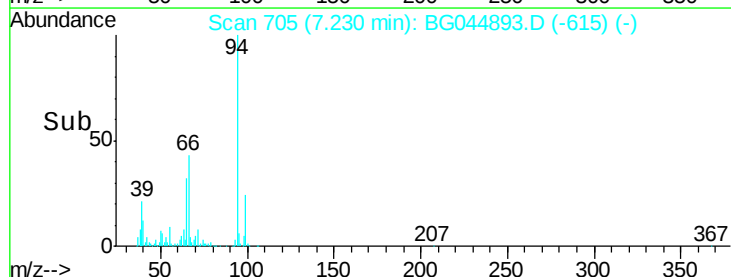
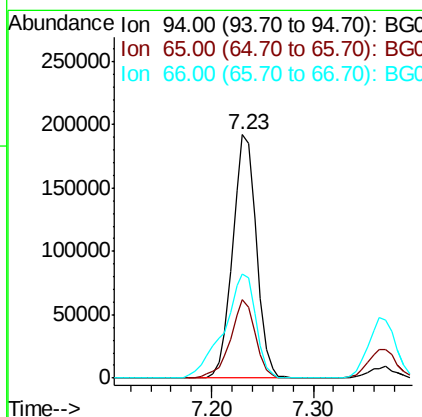
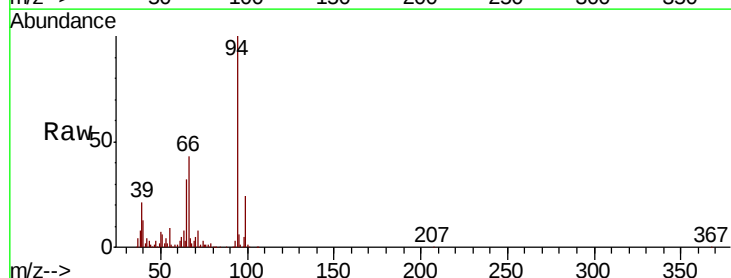
RT: 7.23 min Scan# 705

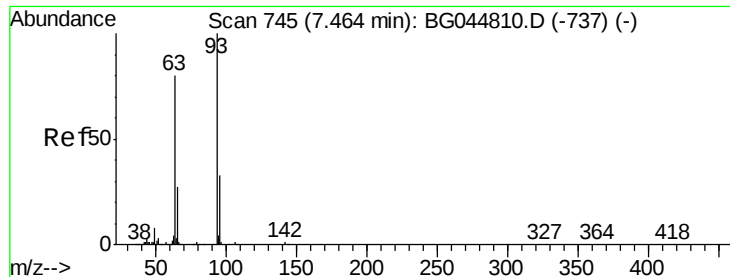
Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	94	Resp:	312632
Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.0	51.0
66	42.6	20.1	60.1





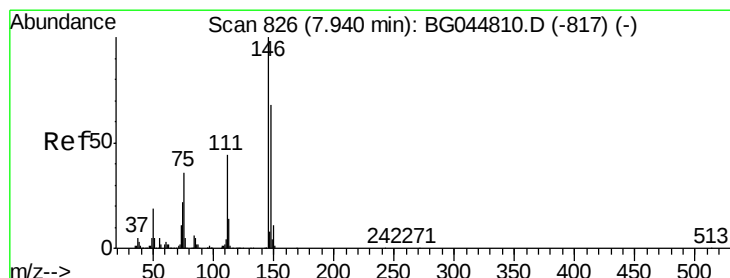
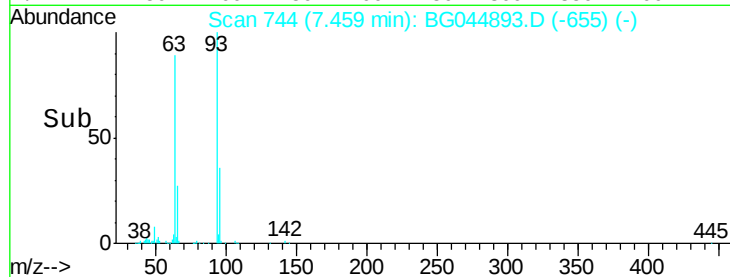
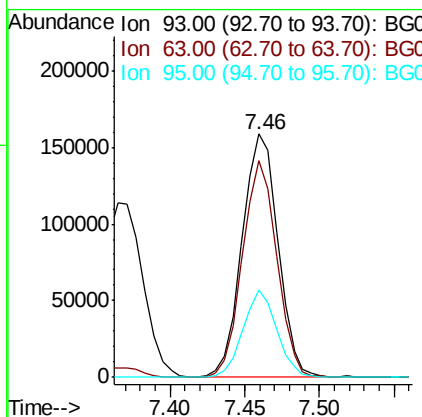
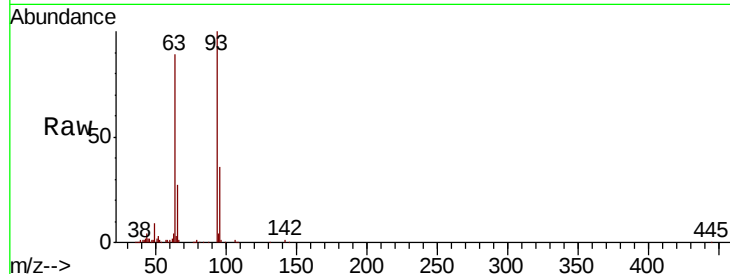
#11
bis(2-Chloroethyl)ether
Concen: 42.265 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	59.7	99.7
95	35.7	13.1	53.1

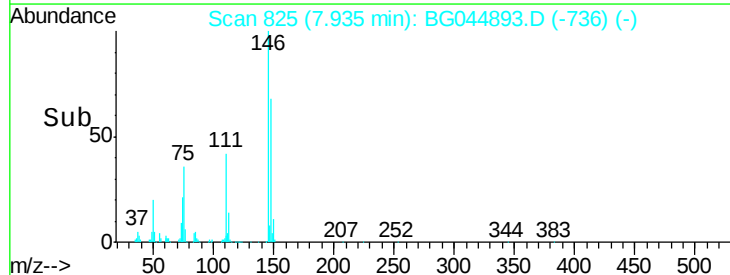
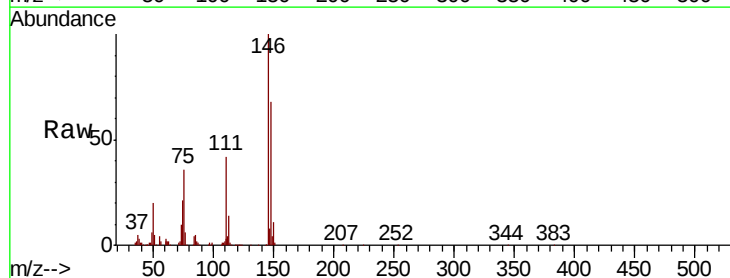
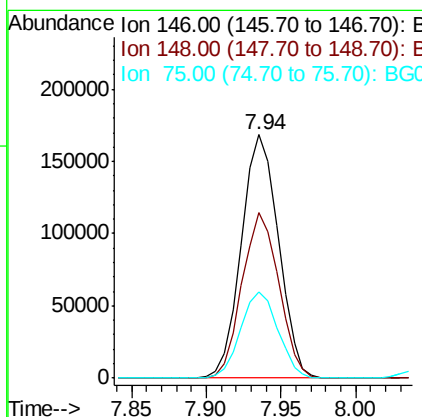
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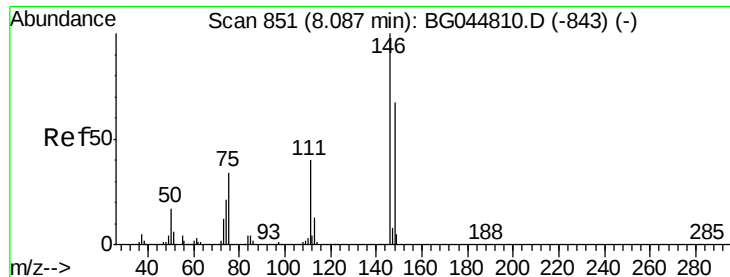
mohammad
3/23/2020 9:39:08 AM



#12
1,3-Dichlorobenzene
Concen: 43.810 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	54.2	81.4
75	35.6	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 45.675 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

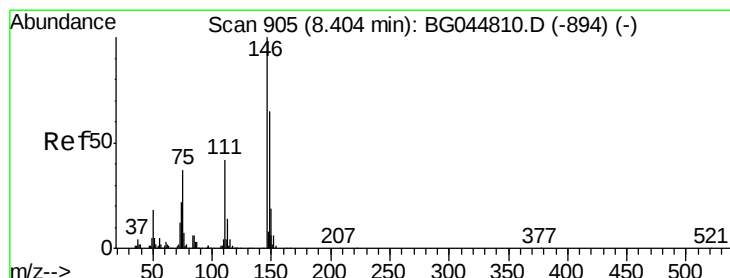
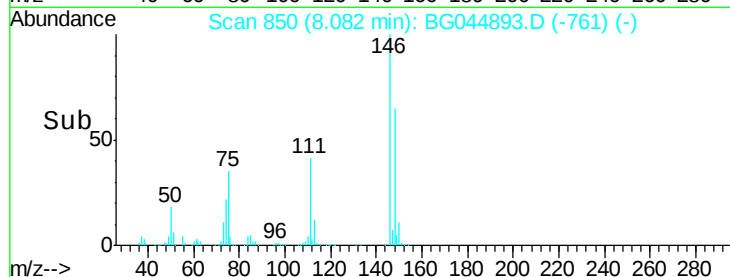
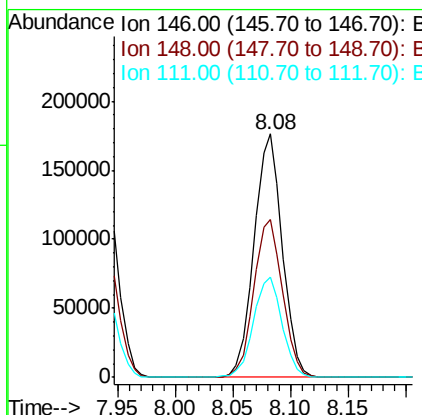
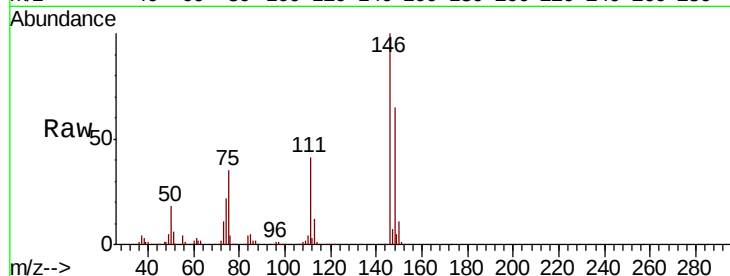
ClientSampleId :

OR-02-031620MS

Tot Ion:	146	Resp:	300029
Ion Ratio	Lower	Upper	
146	100		
148	64.6	53.8	80.6
111	41.2	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 43.474 ng

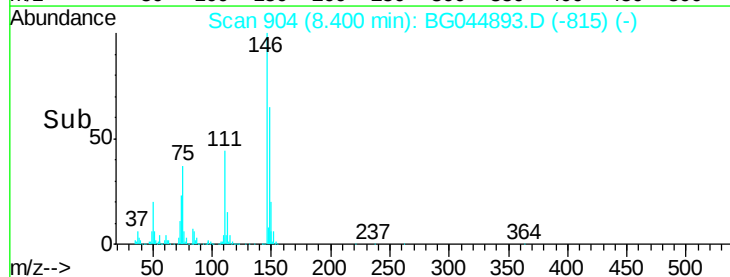
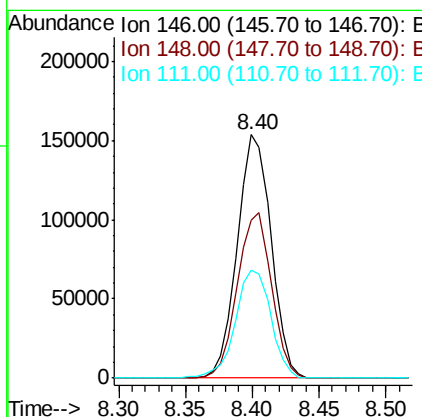
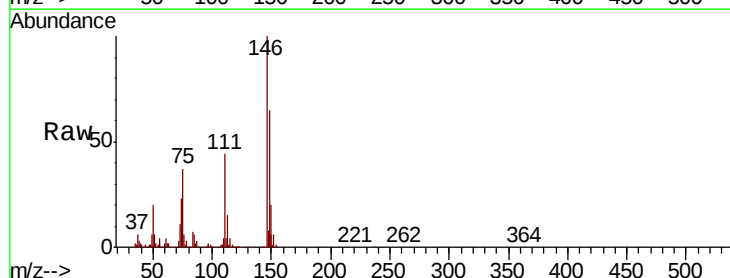
RT: 8.40 min Scan# 904

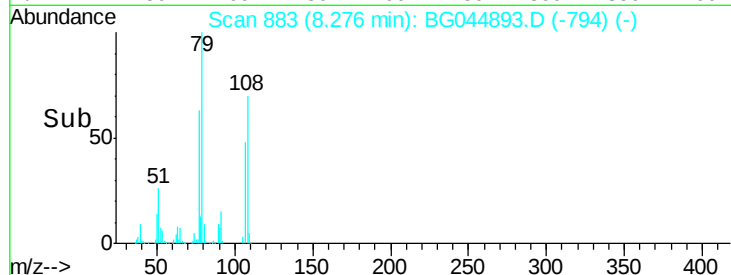
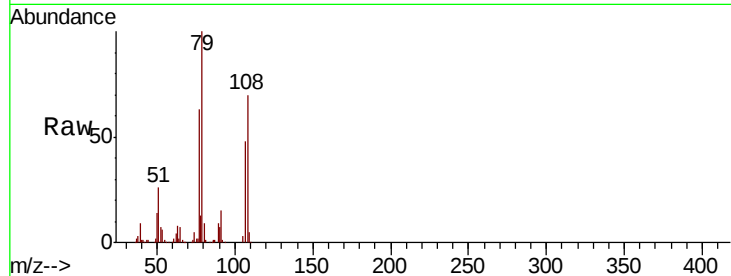
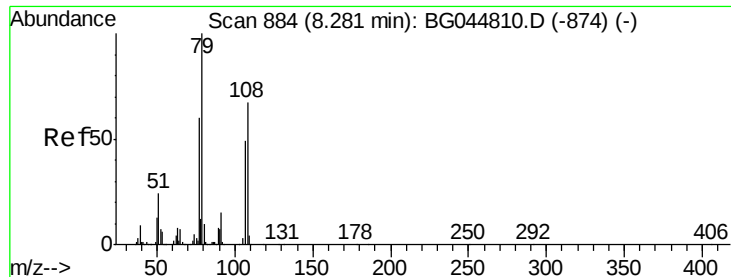
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	146	Resp:	270836
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.1	78.1
111	44.1	33.4	50.2





#15

Benzyl Alcohol

Concen: 46.147 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tot Ion:	79	Resp:	290666
Ion Ratio	Lower	Upper	
79	100		
108	69.8	53.8	80.8
77	62.5	47.8	71.8

Instrument :

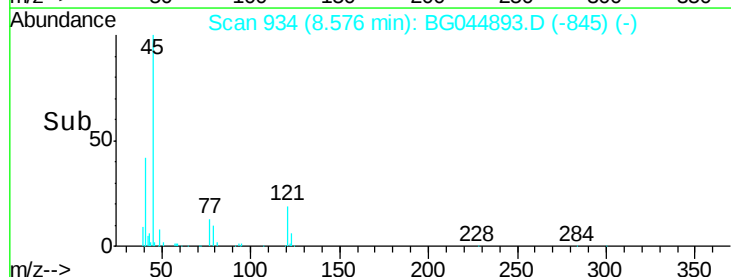
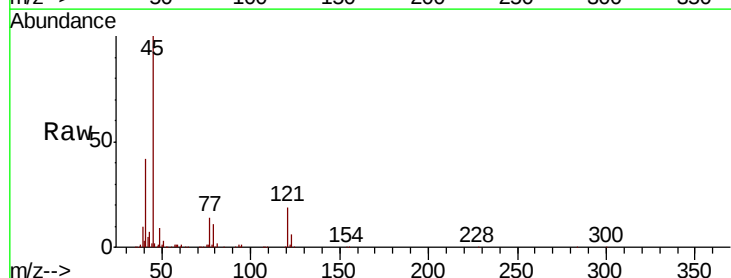
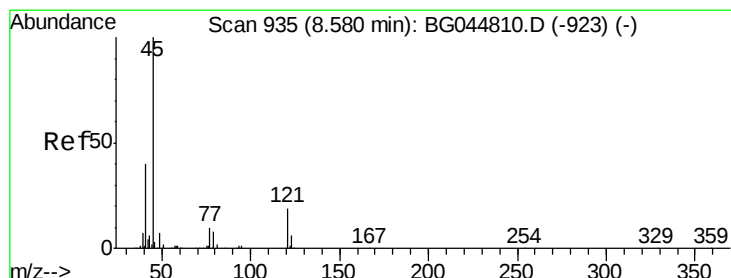
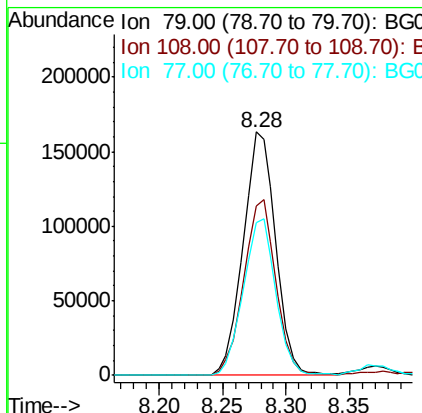
BNA_G

ClientSampleId :

OR-02-031620MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.772 ng

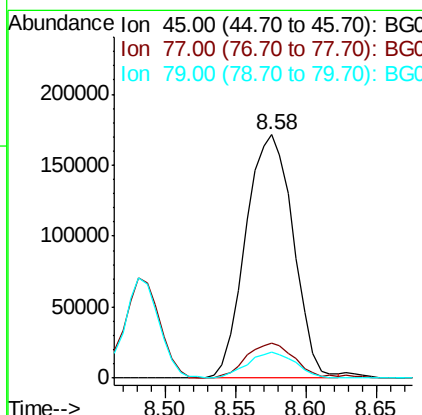
RT: 8.58 min Scan# 934

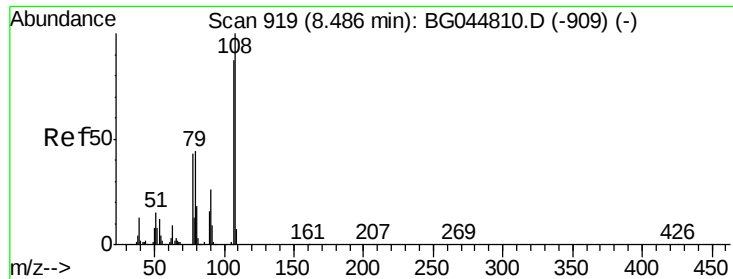
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	45	Resp:	402521
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.9
79	10.9	0.0	30.8





#17

2-Methylphenol

Concen: 45.497 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

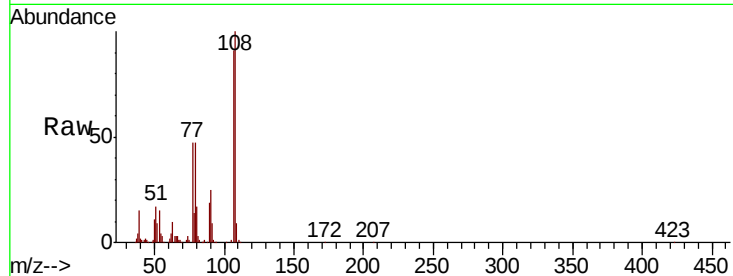
ClientSampleId :

OR-02-031620MS

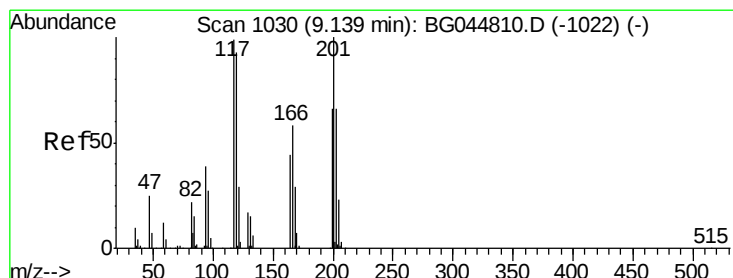
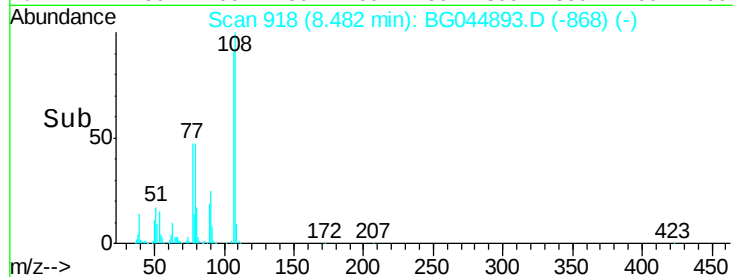
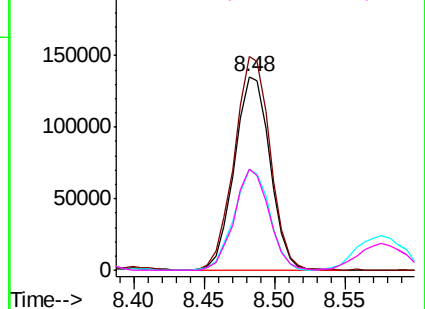
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	91.8	137.8	
77	52.2	40.0	60.0	
79	52.0	40.2	60.2	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.705 ng

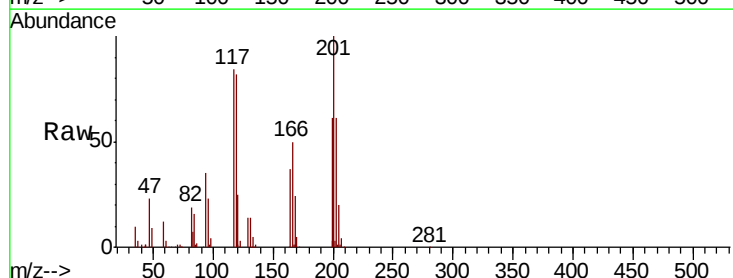
RT: 9.13 min Scan# 1029

Delta R.T. -0.00 min

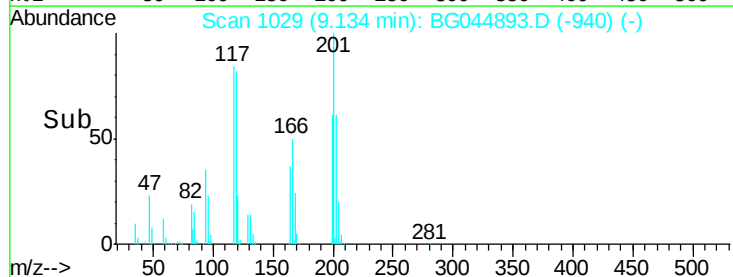
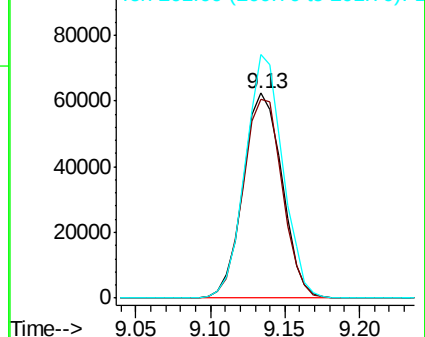
Lab File: BG044893.D

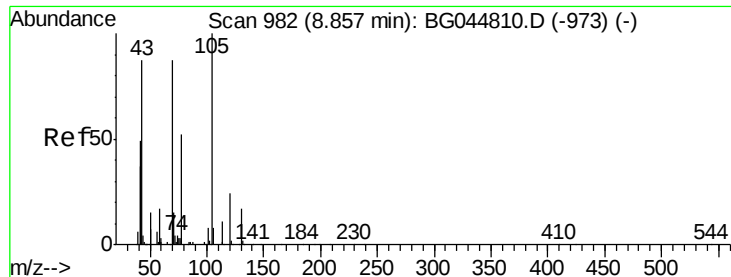
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.2	112.8	
201	118.8	81.1	121.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





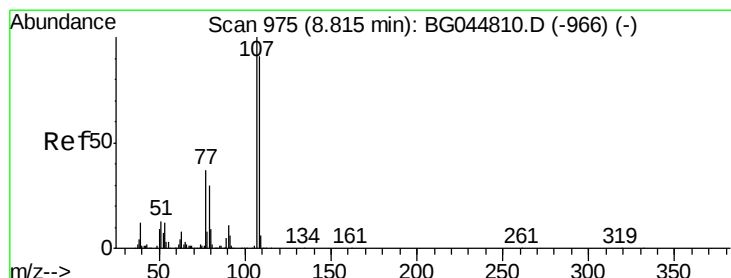
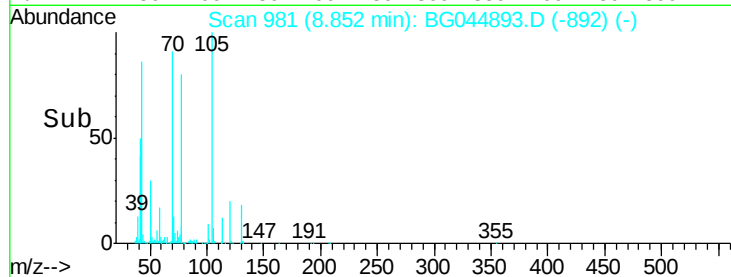
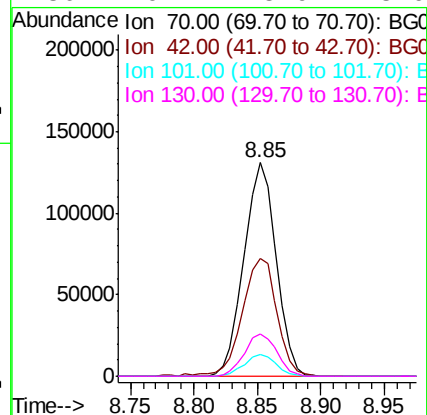
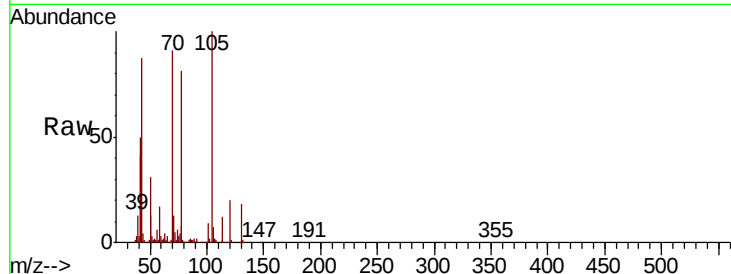
#19
n-Nitroso-di-n-propylamine
Concen: 41.754 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	45.7	68.5
101	10.4	7.4	11.2
130	19.7	15.9	23.9

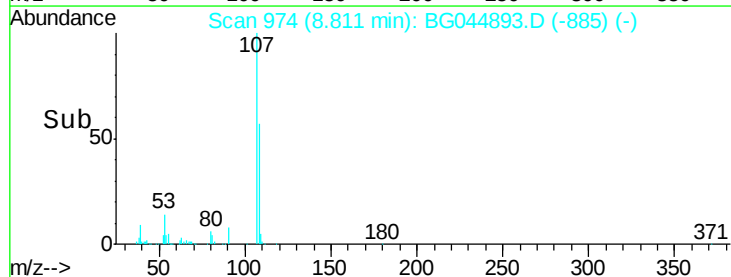
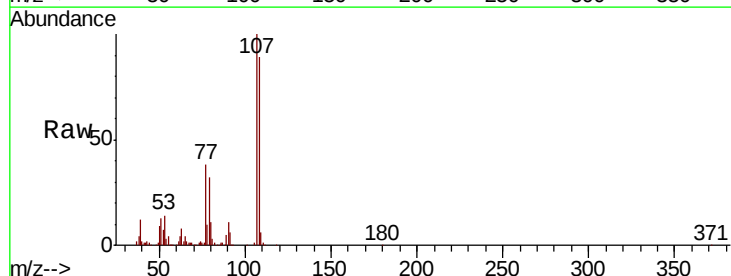
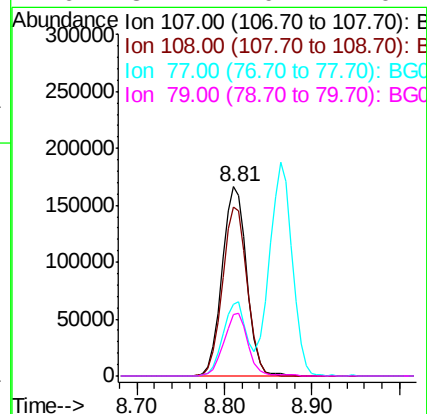
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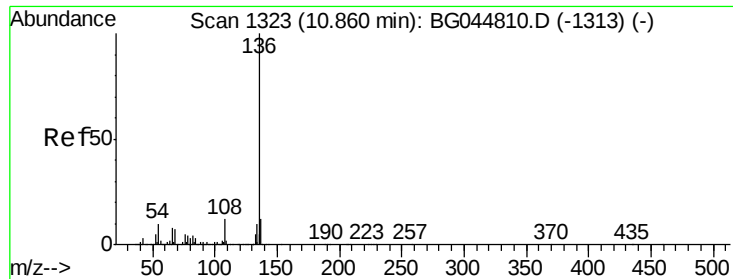
mohammad
3/23/2020 9:39:08 AM



#20
3+4-Methylphenols
Concen: 44.586 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.3	111.3
77	38.0	16.9	56.9
79	32.2	9.7	49.7





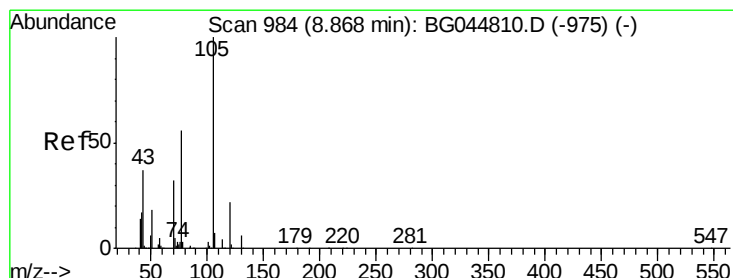
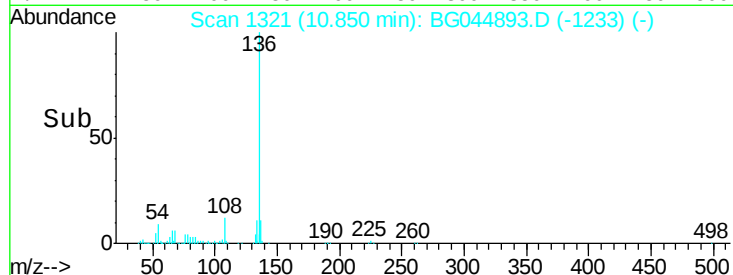
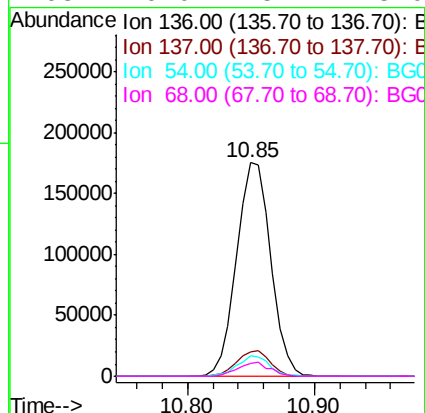
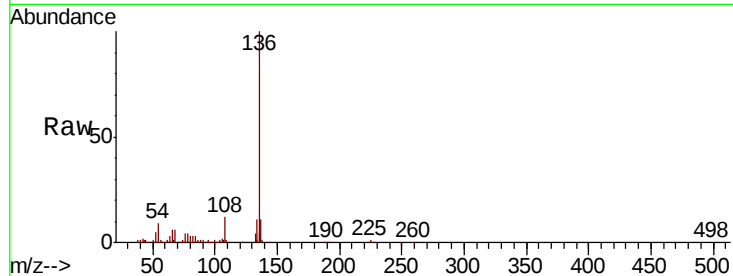
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	136	Resp	326571
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	9.5	7.9	11.9
68	6.0	5.4	8.0

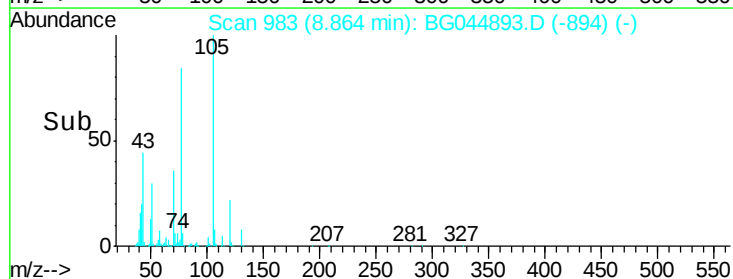
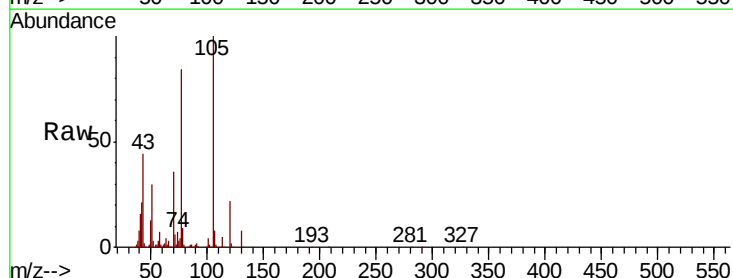
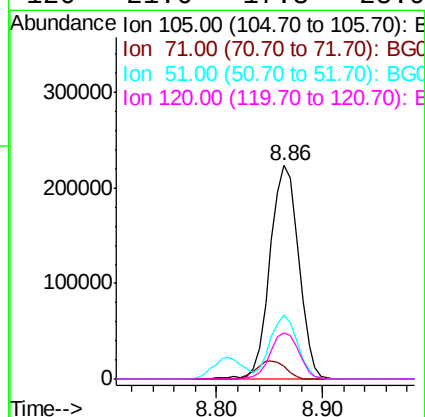
Manual Integrations
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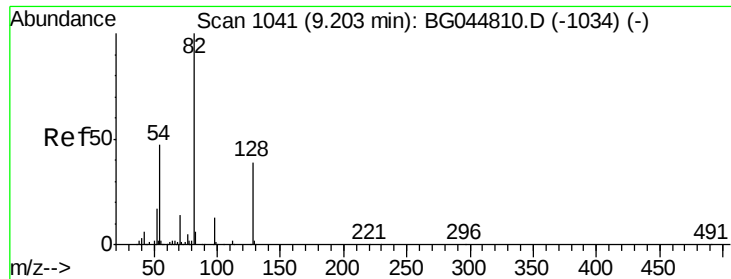
mohammad
3/23/2020 9:39:08 AM



#22
Acetophenone
Concen: 45.278 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	105	Resp	418902
Ion Ratio	Lower	Upper	
105	100		
71	5.8	3.9	5.9
51	29.9	22.6	33.8
120	21.6	17.3	25.9





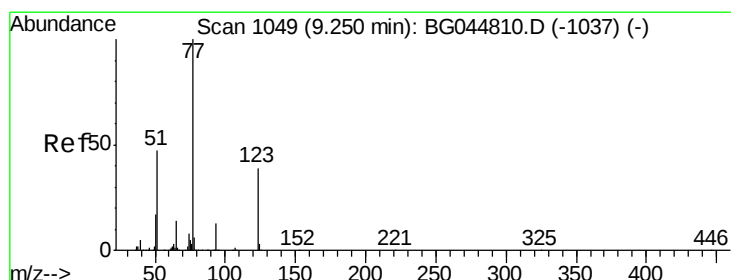
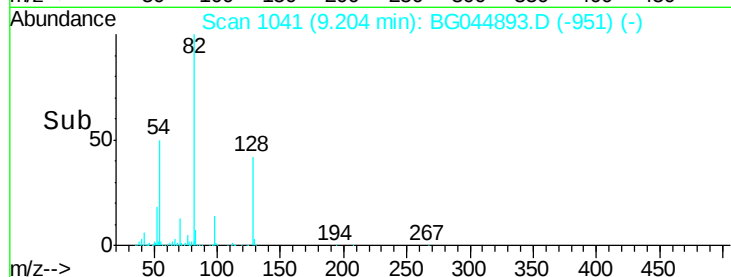
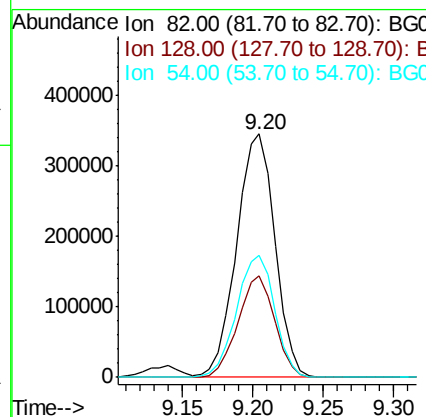
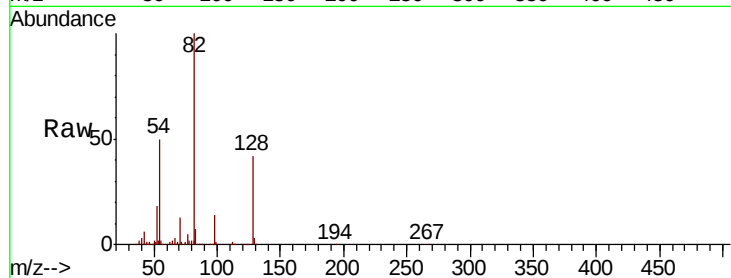
#23
 Nitrobenzene-d5
 Concen: 87.791 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	30.6	46.0
54	50.2	37.1	55.7

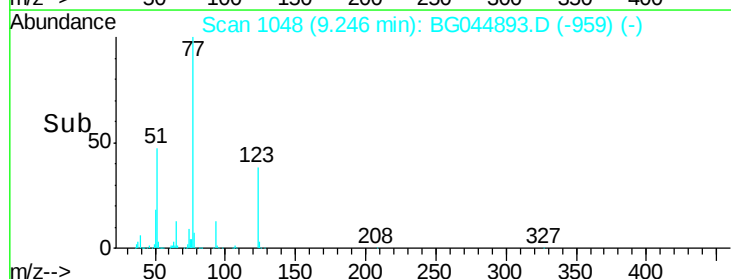
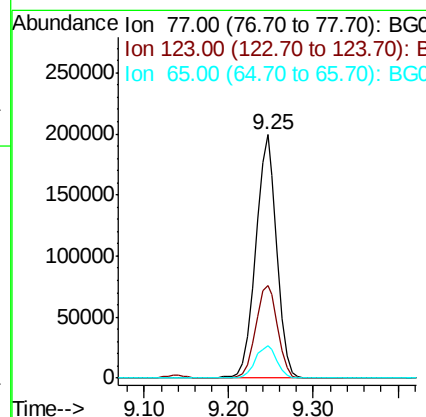
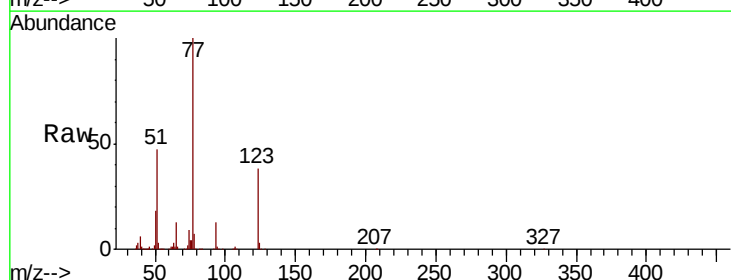
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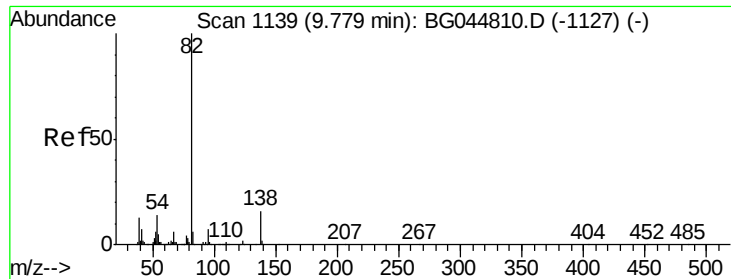
mohammad
 3/23/2020 9:39:08 AM



#24
 Nitrobenzene
 Concen: 44.703 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	31.3	46.9
65	13.1	11.4	17.0





#25

Isophorone

Concen: 44.116 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

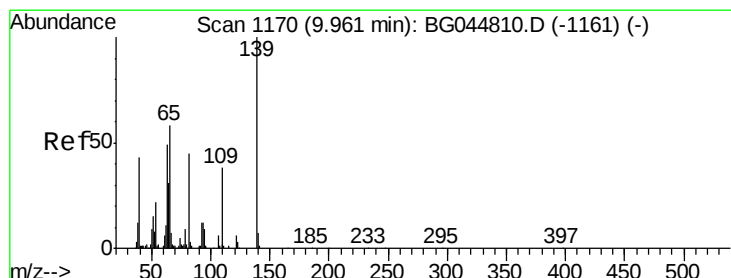
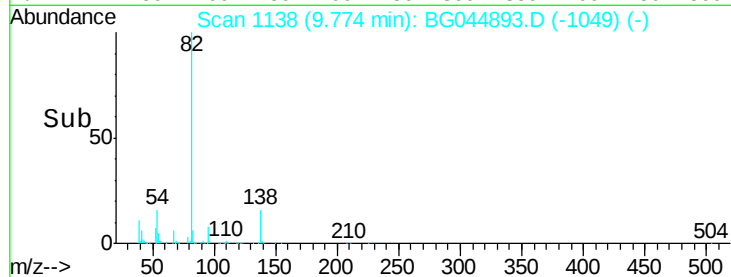
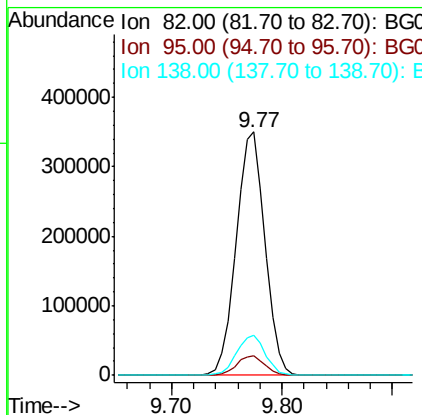
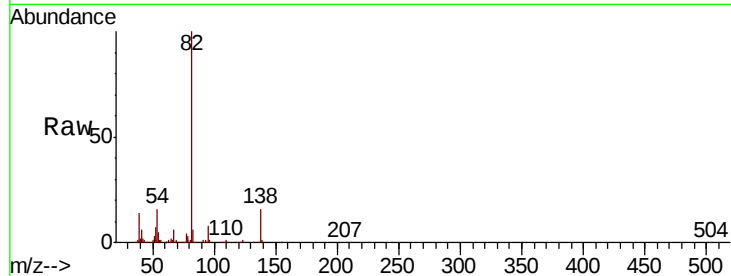
ClientSampleId :

OR-02-031620MS

Tot Ion:	82	Resp:	640773
Ion Ratio		Lower	Upper
82	100		
95	8.1	5.5	8.3
138	16.4	12.5	18.7

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#26

2-Nitrophenol

Concen: 55.627 ng

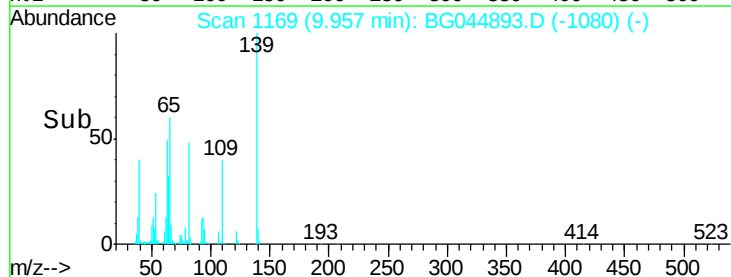
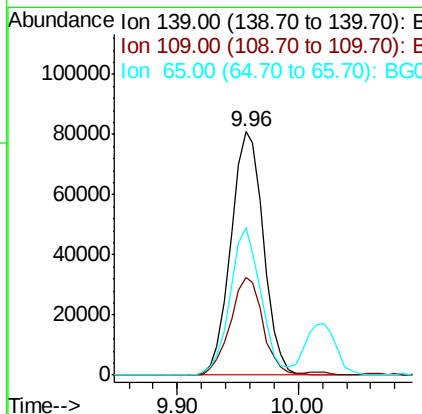
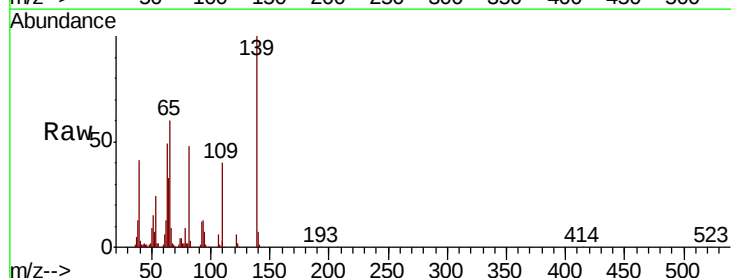
RT: 9.96 min Scan# 1169

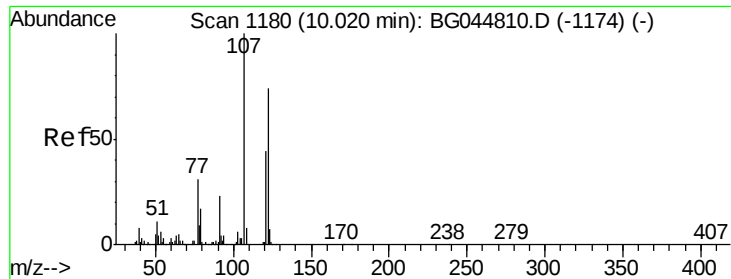
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	139	Resp:	151781
Ion Ratio		Lower	Upper
139	100		
109	40.2	30.2	45.4
65	60.4	46.3	69.5





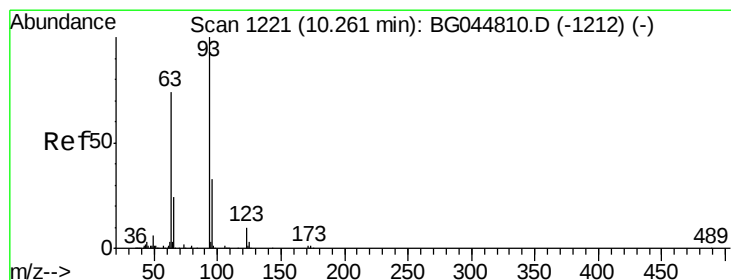
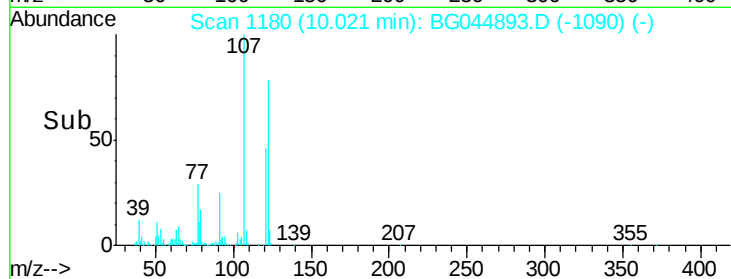
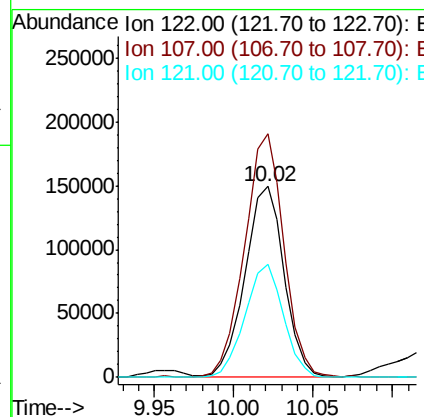
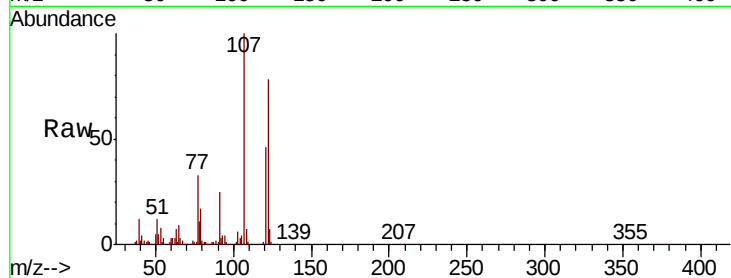
#27
 2,4-Dimethylphenol
 Concen: 53.746 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.5	107.1	160.7
121	59.0	46.8	70.2

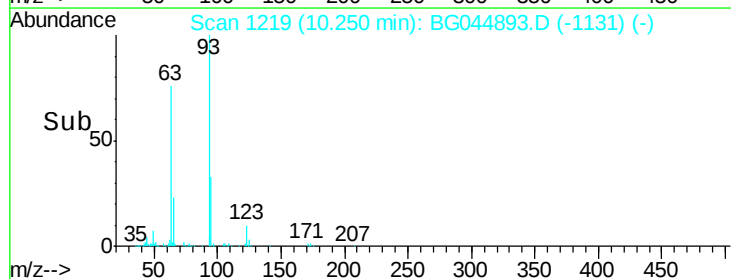
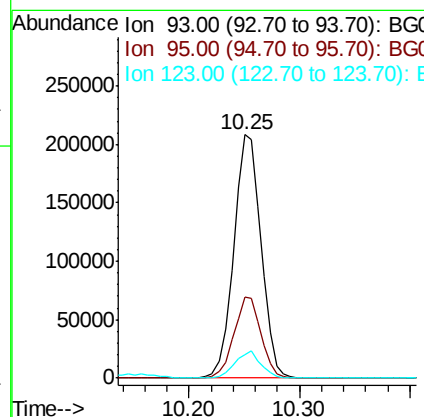
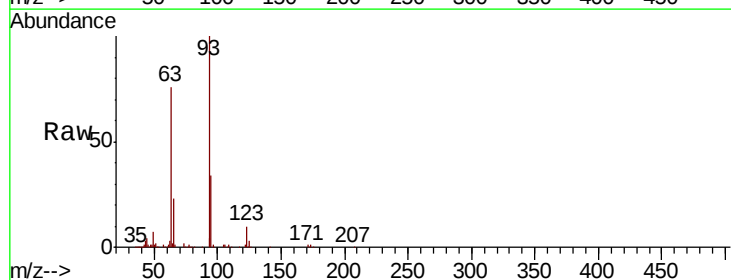
Manual Integrations
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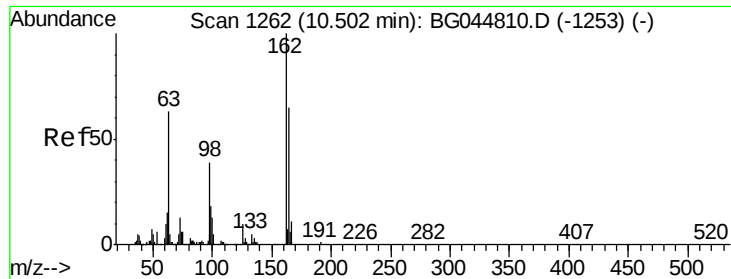
mohammad
 3/23/2020 9:39:08 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.546 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	9.8	8.4	12.6





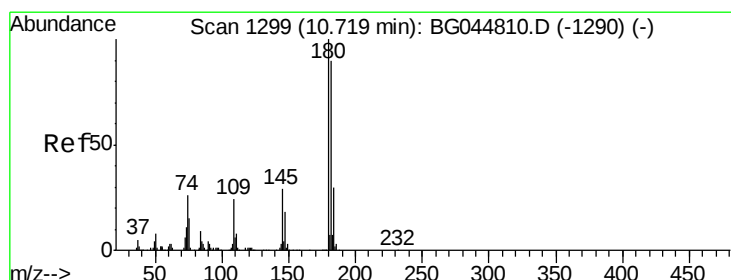
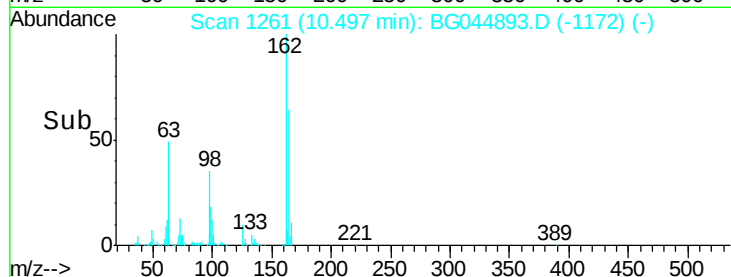
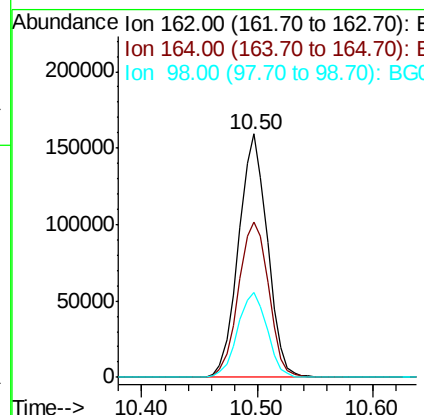
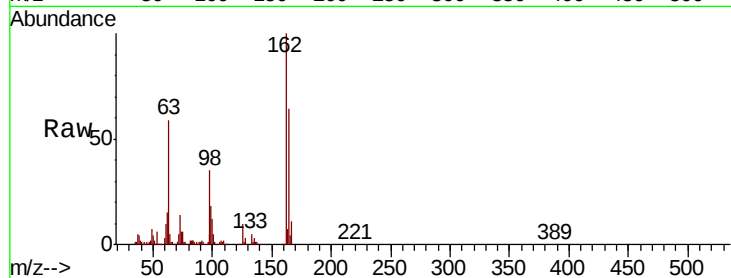
#29
 2,4-Dichlorophenol
 Concen: 49.904 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.2	85.2
98	35.0	19.0	59.0

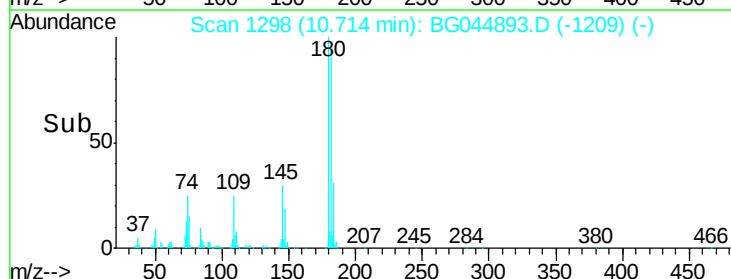
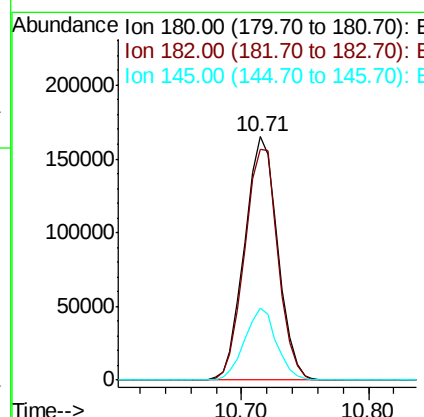
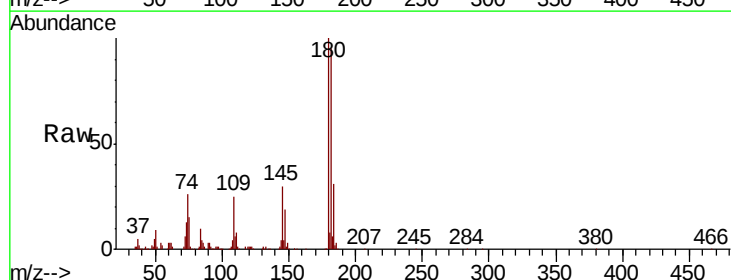
Manual Integrations
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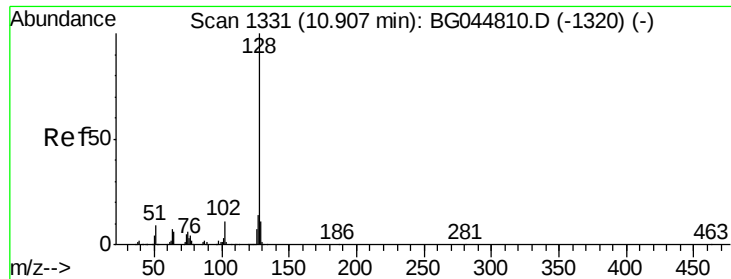
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.376 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	71.6	107.4
145	29.5	23.4	35.0





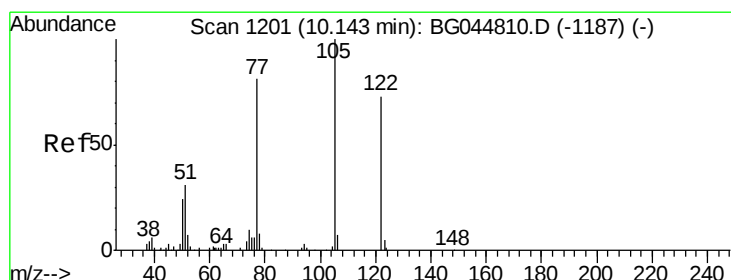
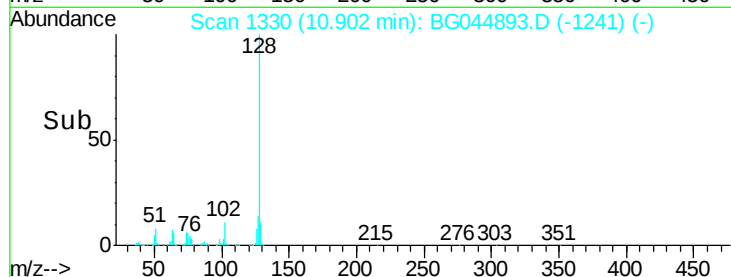
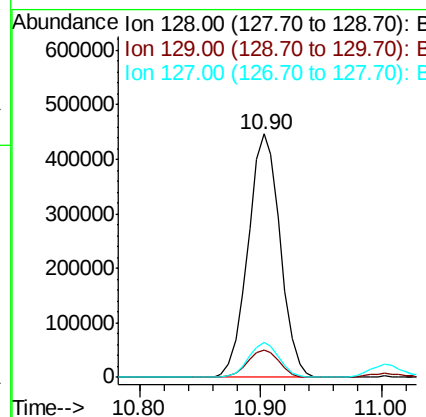
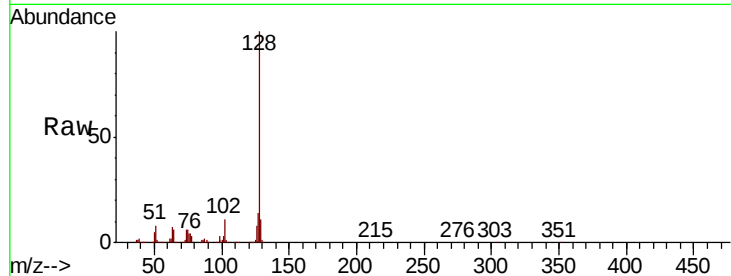
#31
Naphthalene
Concen: 45.624 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.4	
127	14.4	10.8	16.2	

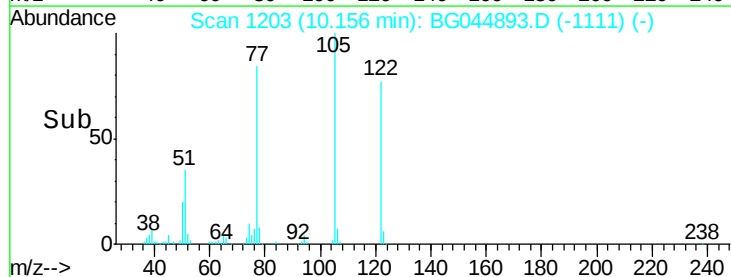
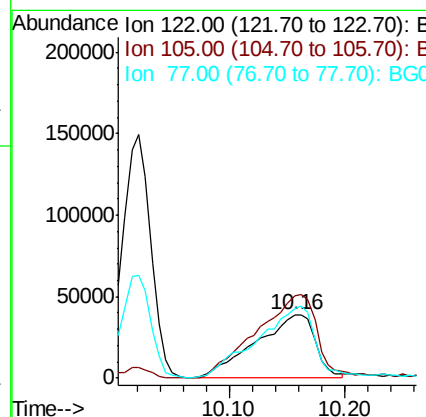
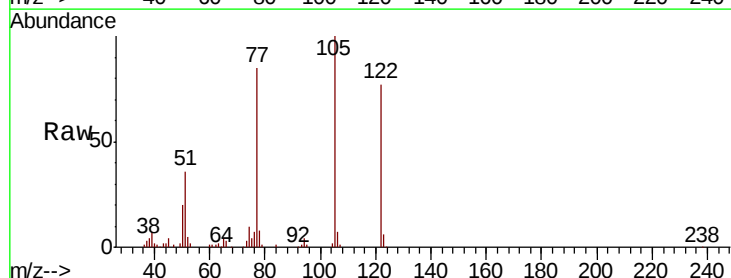
Manual Integrations
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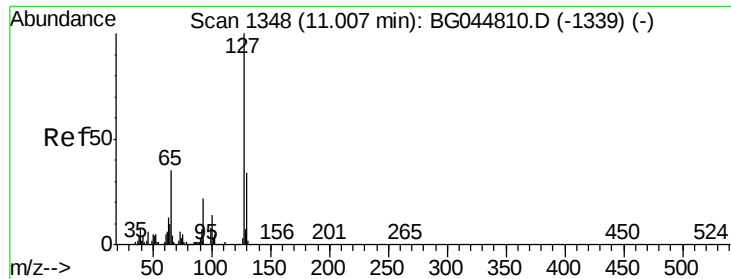
mohammad
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#32
Benzoic acid
Concen: 39.204 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.1	109.1	149.1	
77	109.9	85.3	125.3	





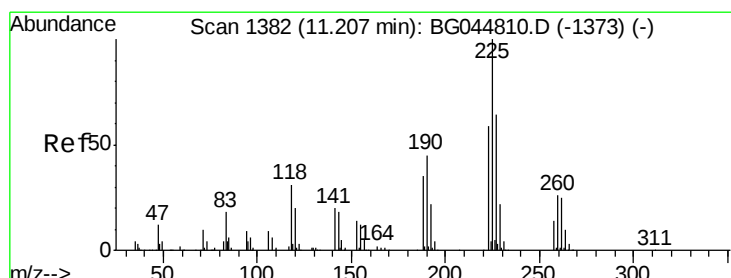
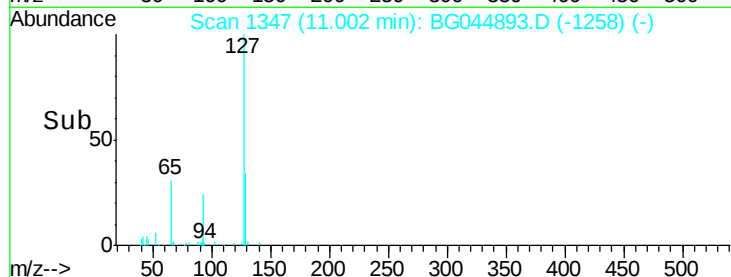
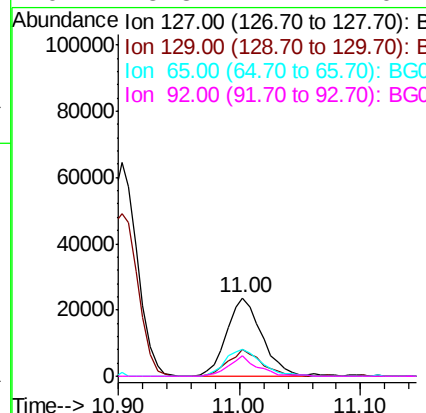
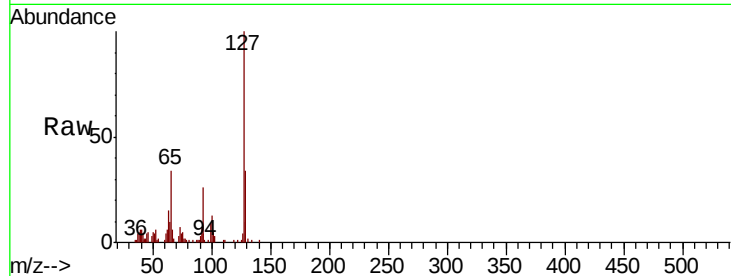
#33
4-Chloroaniline
Concen: 5.915 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		48210		
129	34.3	26.9	40.3		
65	34.1	27.7	41.5		
92	25.8	17.4	26.2		

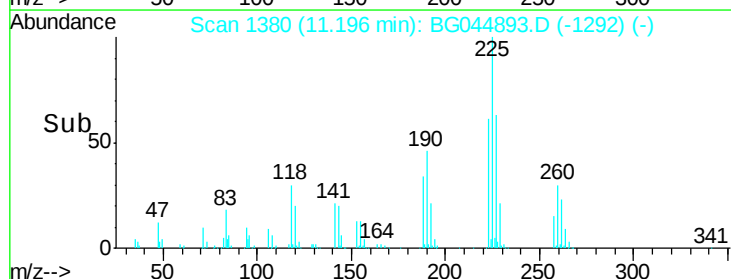
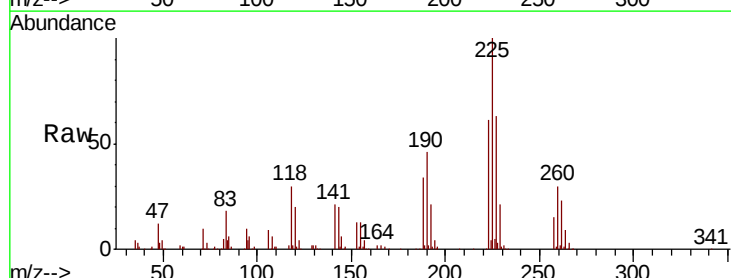
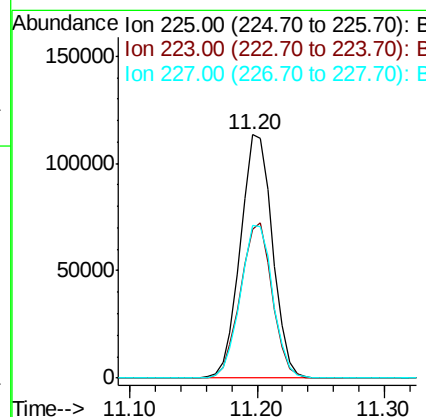
Manual Integrations
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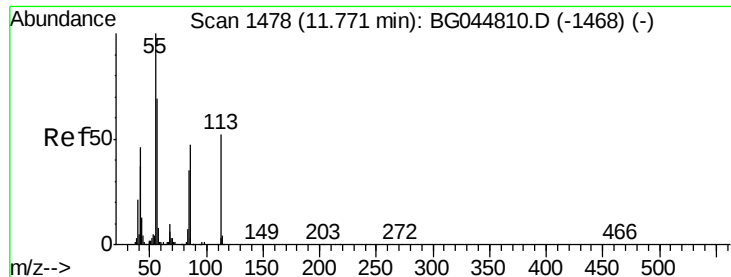
mohammad
3/23/2020 9:39:08 AM



#34
Hexachlorobutadiene
Concen: 45.700 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		198534		
223	61.3	47.4	71.0		
227	62.6	50.8	76.2		





#35

Caprolactam

Concen: 35.783 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

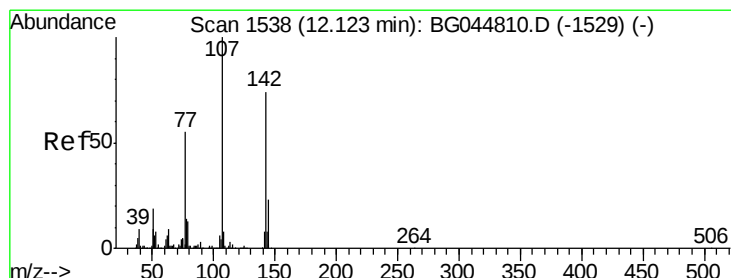
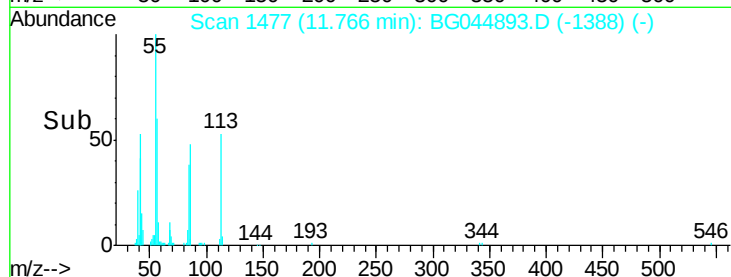
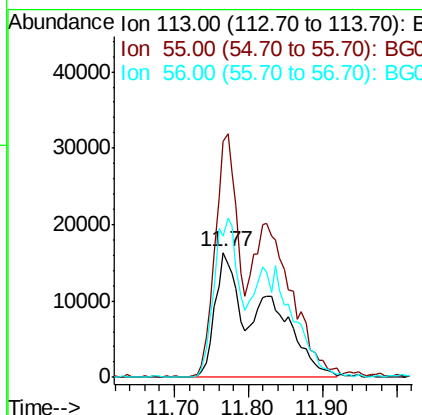
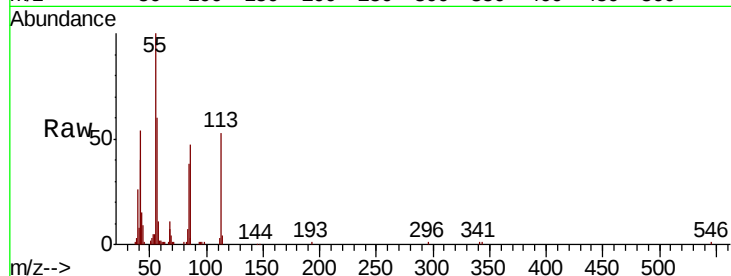
ClientSampleId :

OR-02-031620MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	188.4	173.8	213.8	
56	113.2	113.8	153.8	

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#36

4-Chloro-3-methylphenol

Concen: 46.819 ng/ml

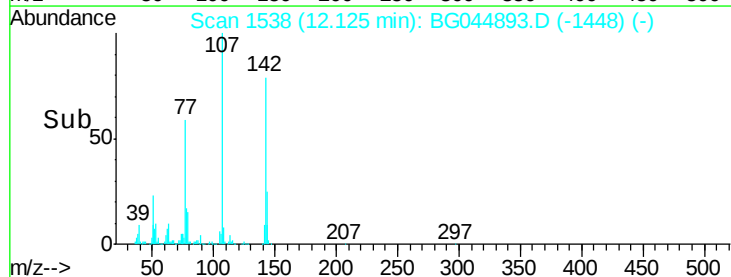
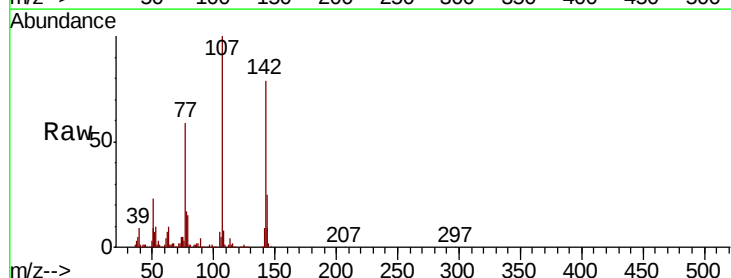
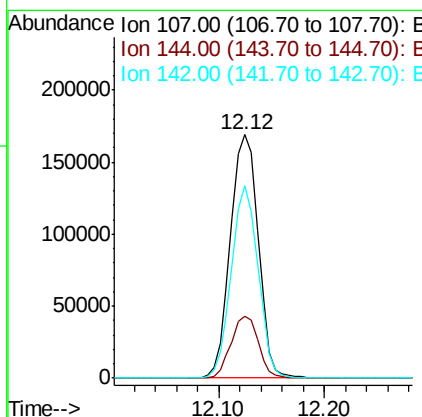
RT: 12.12 min Scan# 1538

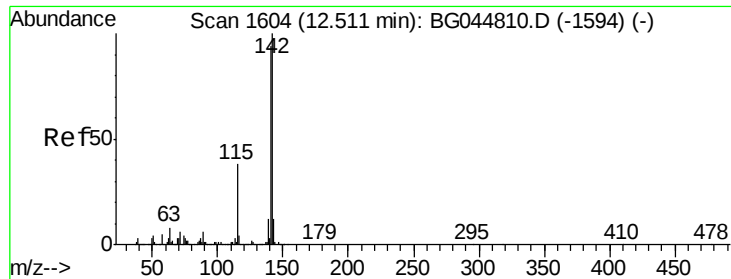
Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	18.0	27.0	
142	79.0	59.0	88.4	





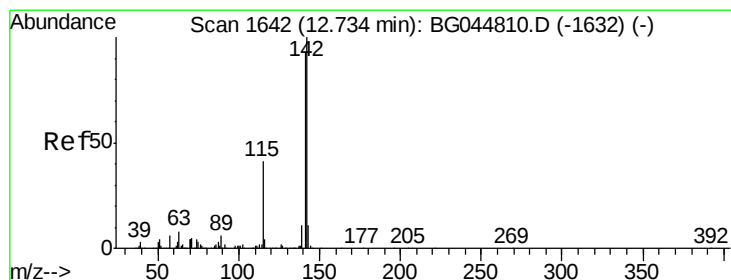
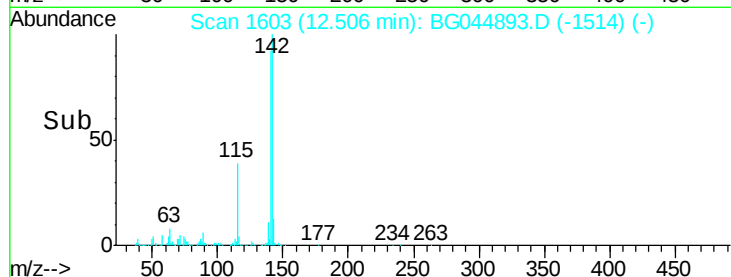
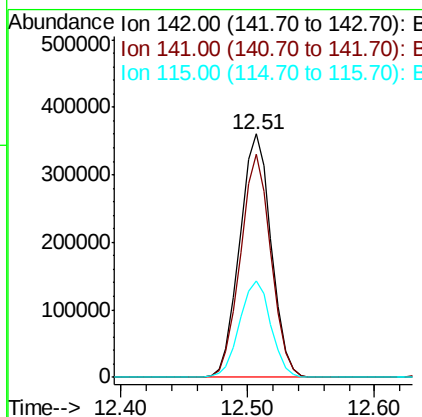
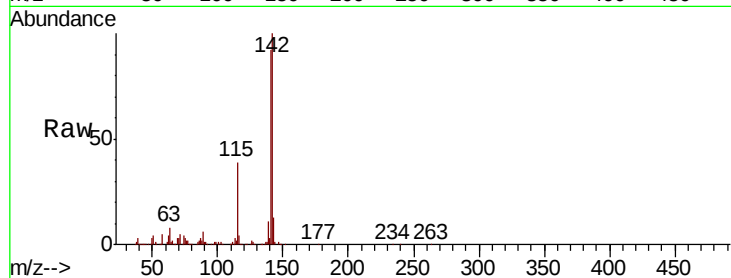
#37
2-Methylnaphthalene
Concen: 45.720 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.1	112.7
115	39.4	30.6	46.0

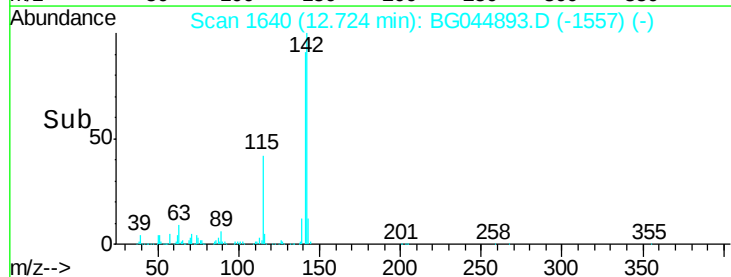
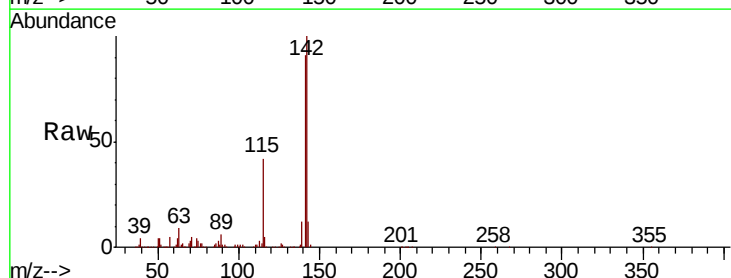
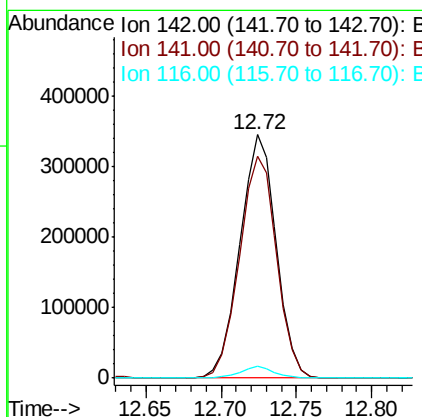
Manual Integrations
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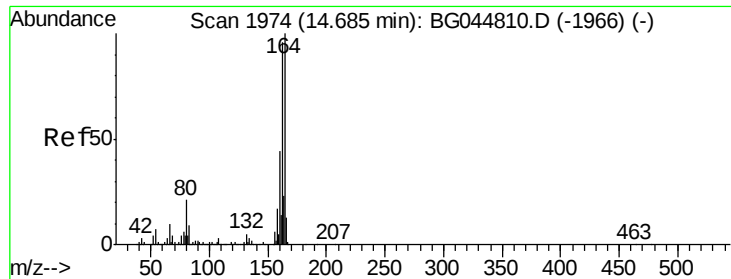
mohammad
3/23/2020 9:39:08 AM



#38
1-Methylnaphthalene
Concen: 45.689 ng m
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.7	112.1
116	5.0	3.3	4.9#





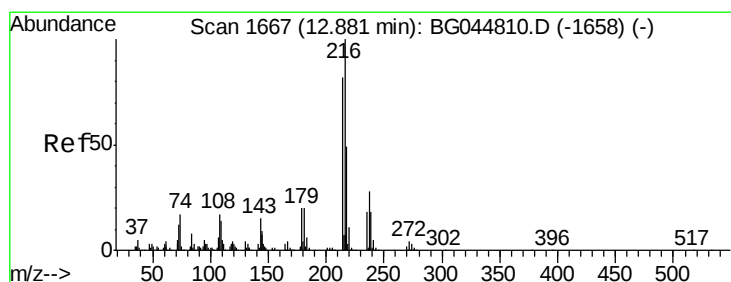
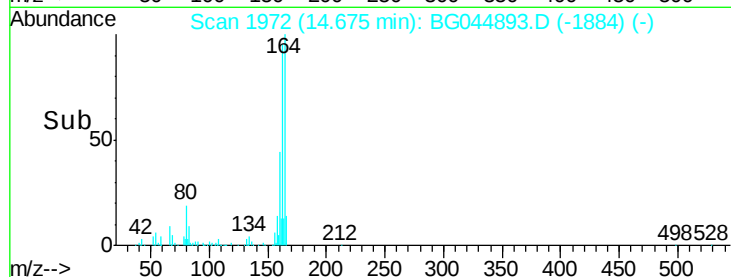
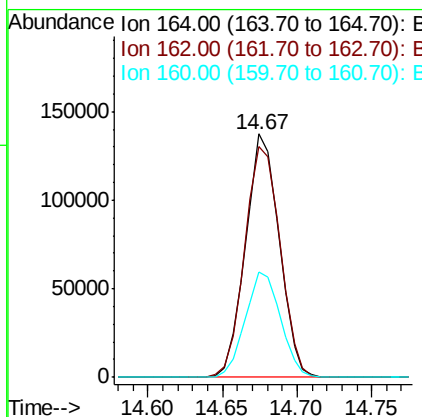
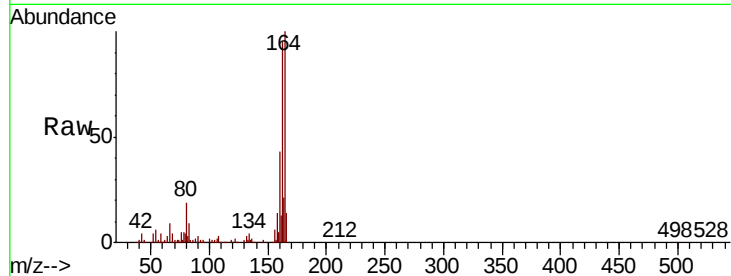
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.6	76.7	115.1
160	43.3	35.0	52.4

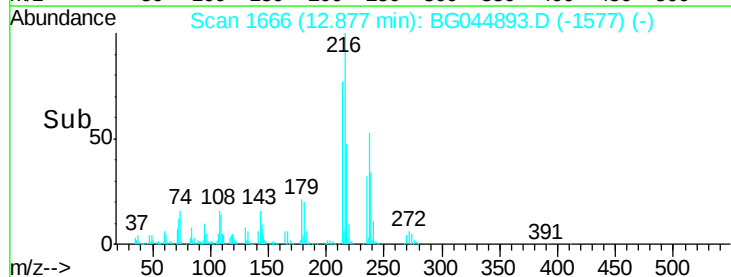
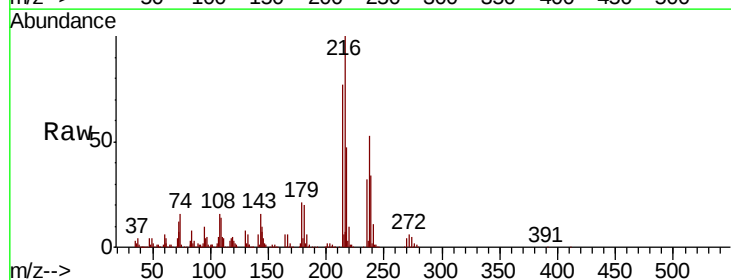
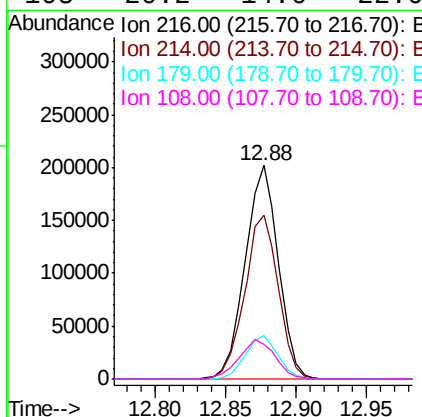
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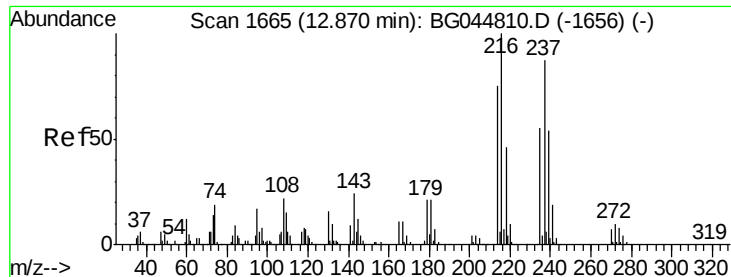
mohammad
3/23/2020 9:39:08 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.037 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.6
179	20.1	16.2	24.2
108	20.2	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 103.786 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

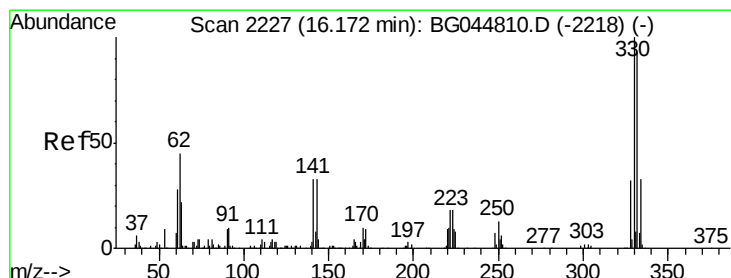
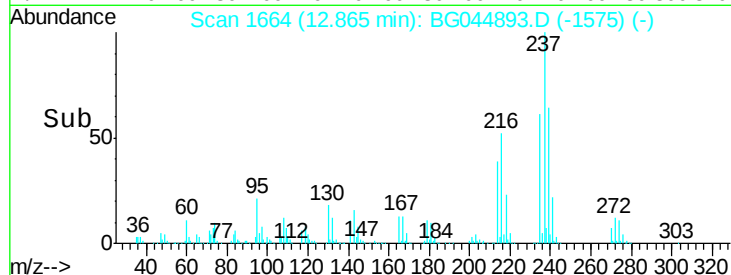
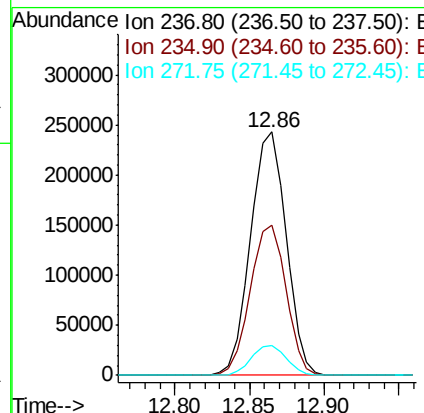
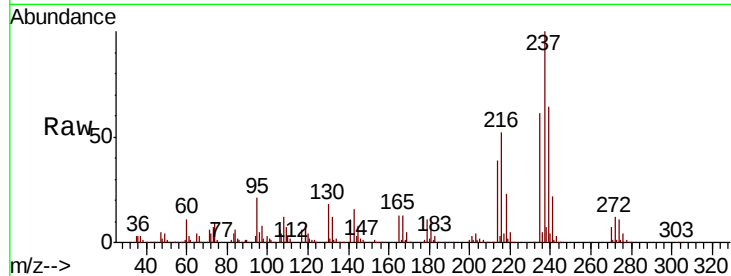
ClientSampleId :

OR-02-031620MS

Tot Ion:	237	Resp:	400642
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.9	82.9
272	12.1	0.0	31.6

Manual Integrations
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3/23/2020 9:39:08 AM



#42

2,4,6-Tribromophenol

Concen: 149.359 ng

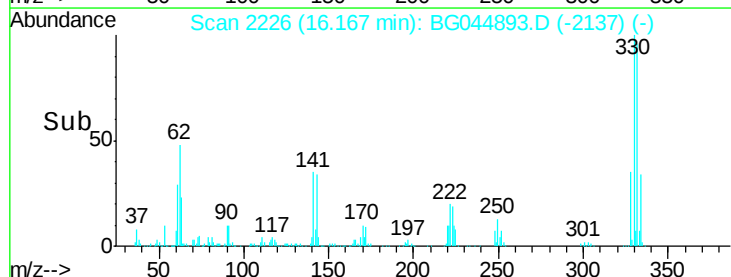
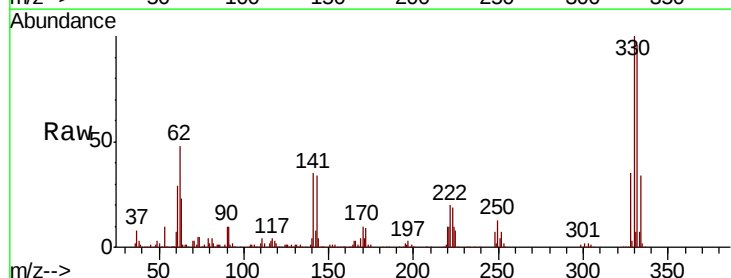
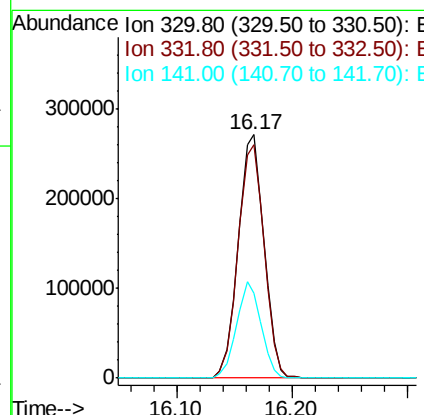
RT: 16.17 min Scan# 2226

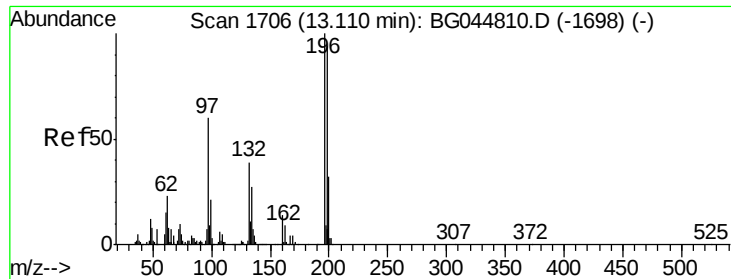
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	330	Resp:	419447
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.8	116.6
141	37.7	29.5	44.3





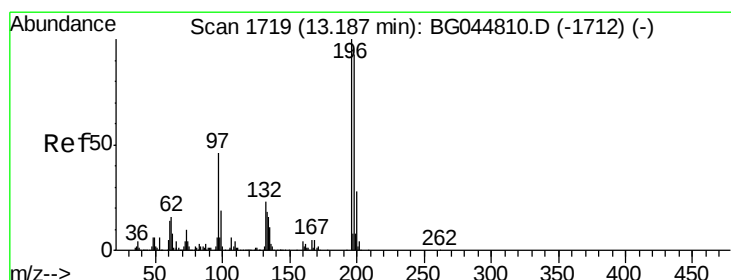
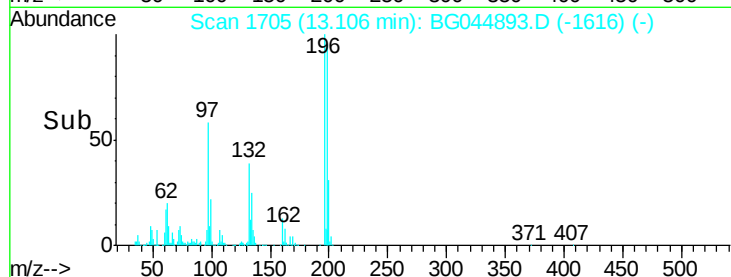
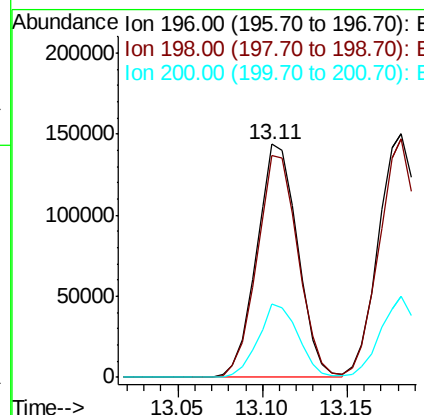
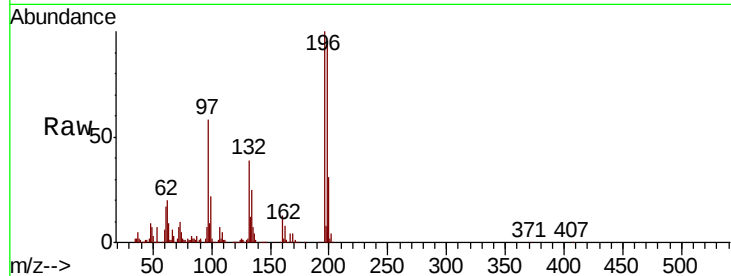
#43
2,4,6-Trichlorophenol
Concen: 51.488 ng
RT: 13.11 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.9	112.3
200	31.2	25.8	38.6

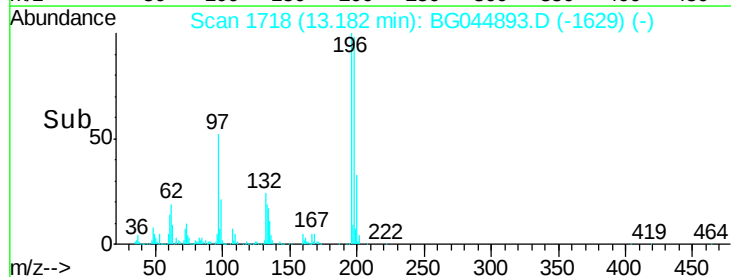
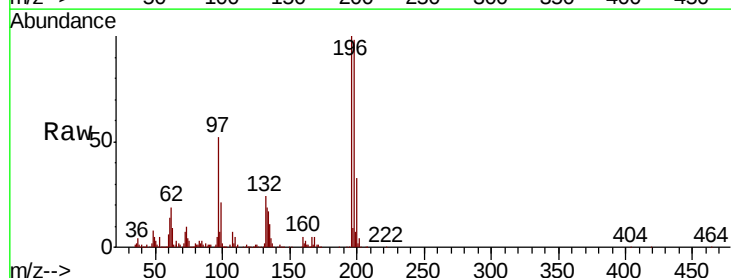
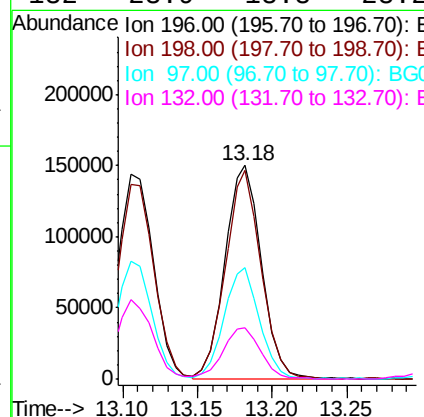
Manual Integrations
APPROVED

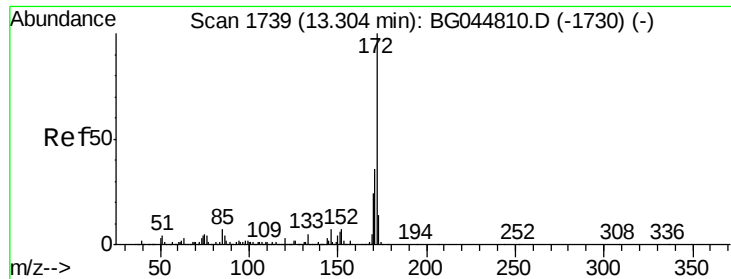
mohammad
3/23/2020 9:39:08 AM



#44
2,4,5-Trichlorophenol
Concen: 52.416 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.2	111.4
97	52.1	36.7	55.1
132	23.9	18.8	28.2





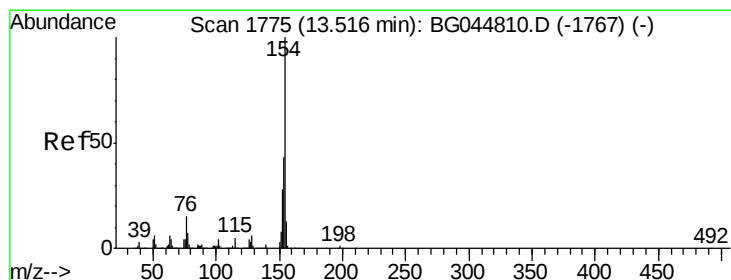
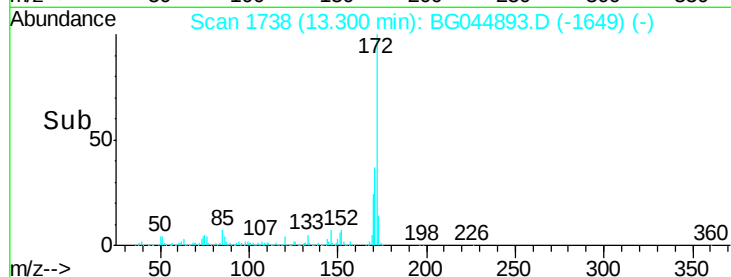
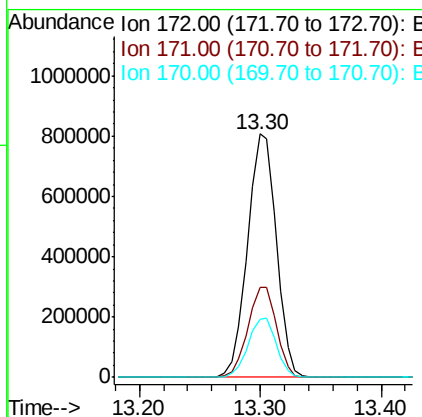
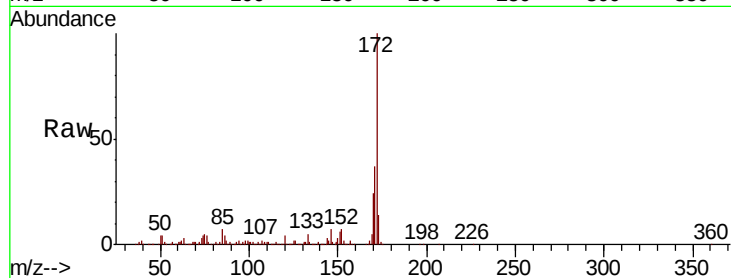
#45
2-Fluorobiphenyl
Concen: 89.600 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.7	43.1
170	23.8	19.0	28.6

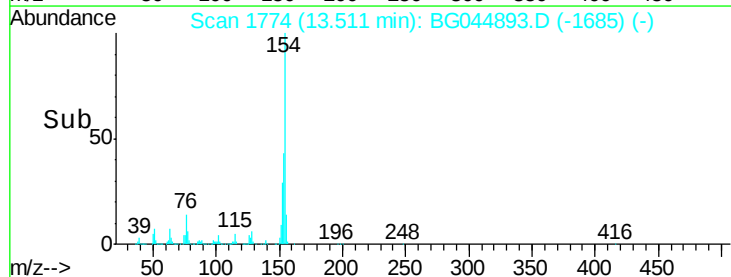
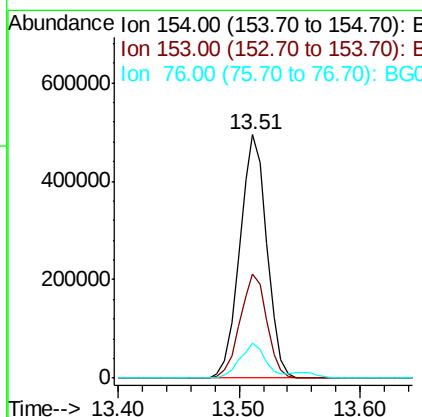
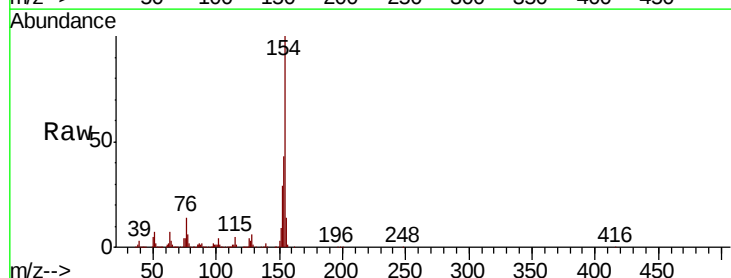
Manual Integrations
APPROVED

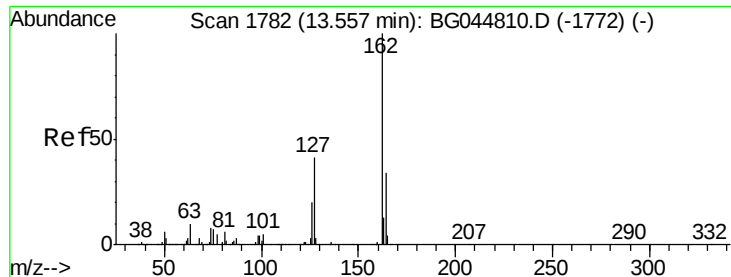
mohammad
3/23/2020 9:39:08 AM



#46
1,1'-Biphenyl
Concen: 44.844 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.9	62.9
76	14.3	0.0	34.6





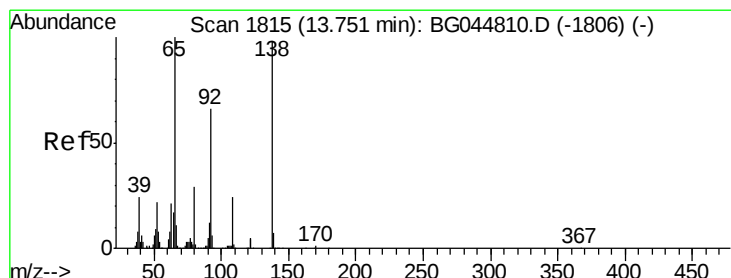
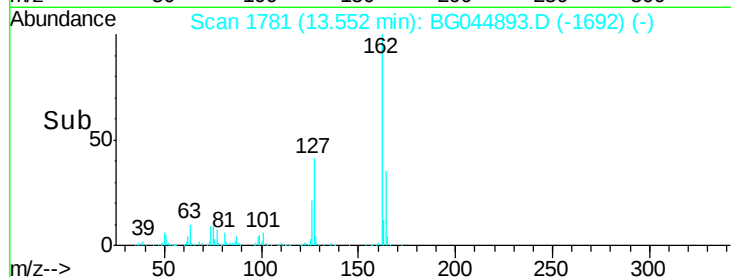
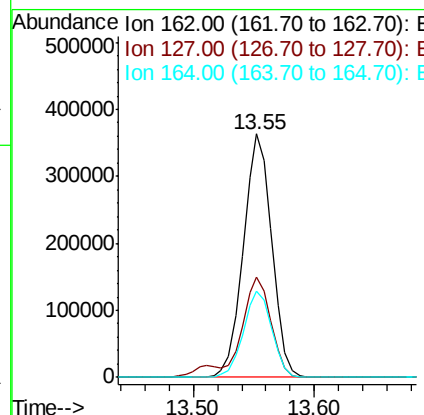
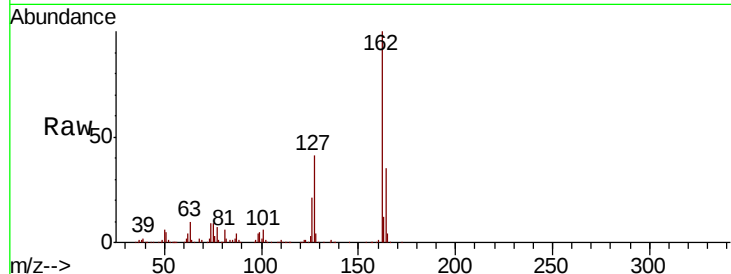
#47
 2-Chloronaphthalene
 Concen: 45.288 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	592971		
127	41.3		33.1	49.7
164	35.2		27.4	41.2

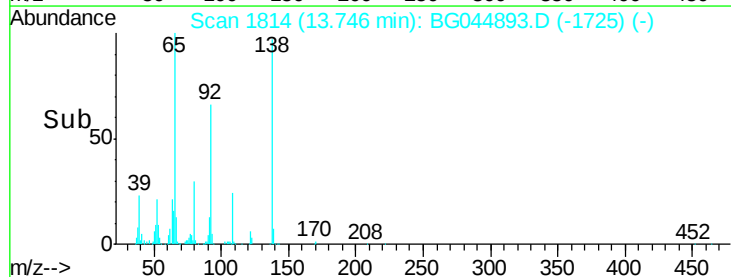
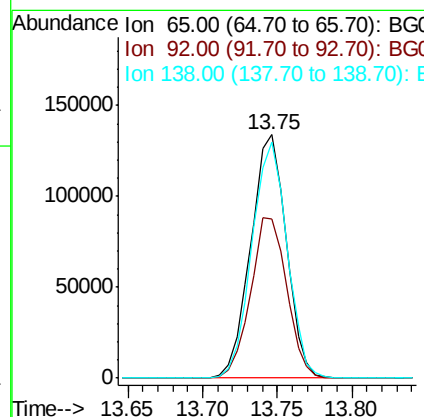
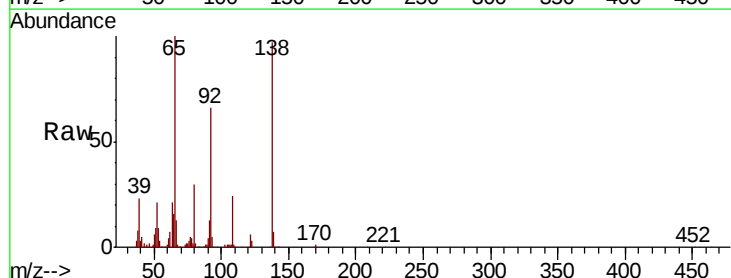
Manual Integrations
 APPROVED

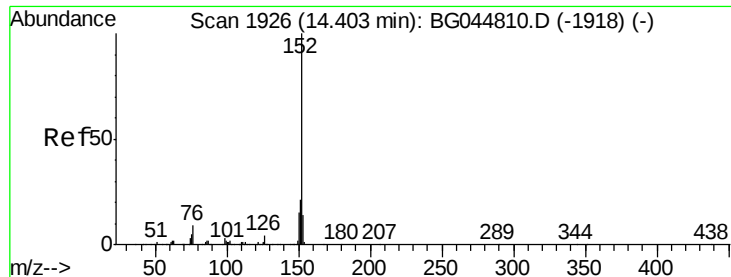
mohammad
 3/23/2020 9:39:08 AM



#48
 2-Nitroaniline
 Concen: 48.248 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	221165		
92	65.6		52.6	79.0
138	96.8		78.3	117.5





#49

Acenaphthylene

Concen: 47.485 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

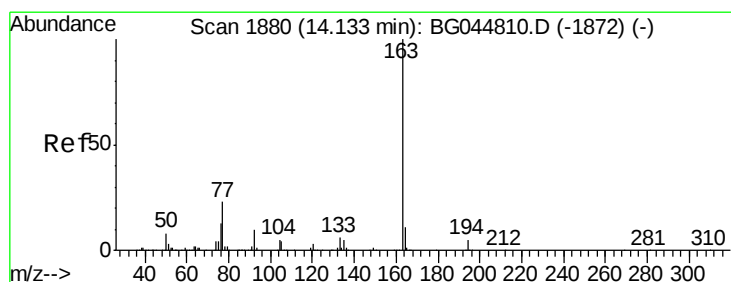
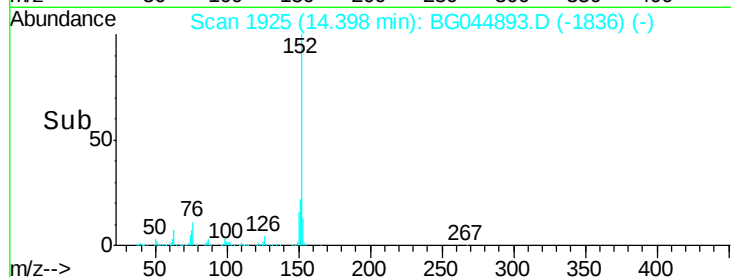
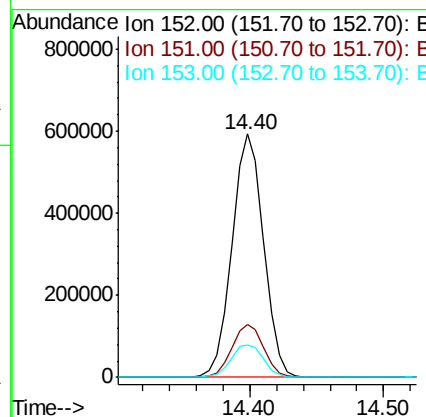
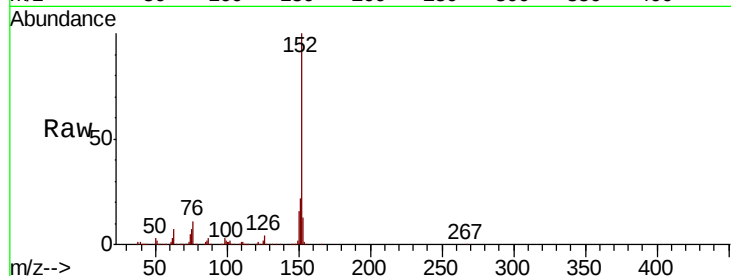
ClientSampleId :

OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	13.3	10.8	16.2

Manual Integrations
APPROVED

mohammad
3/23/2020 9:39:08 AM



#50

Dimethylphthalate

Concen: 49.948 ng

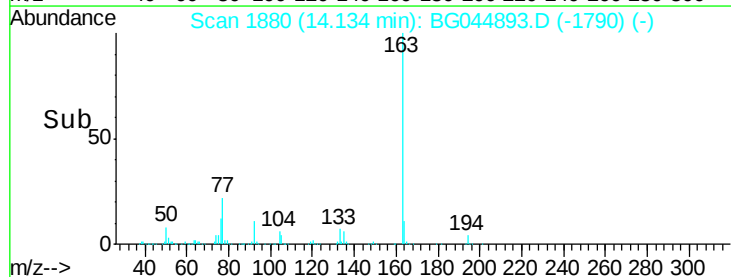
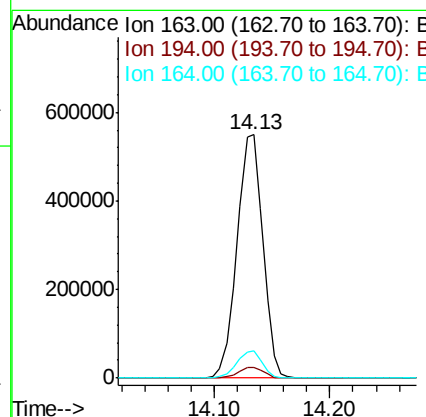
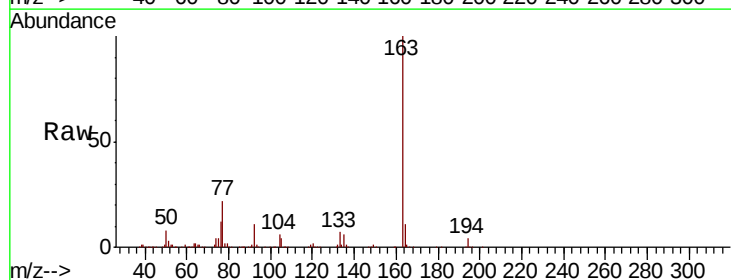
RT: 14.13 min Scan# 1880

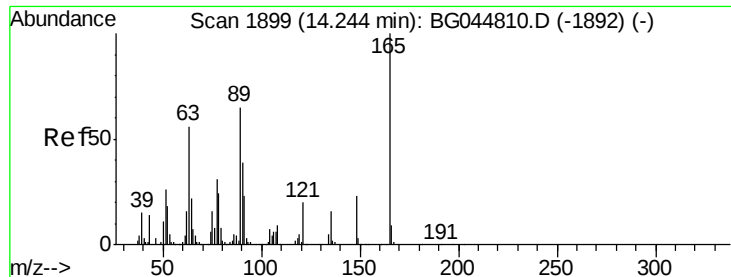
Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.1	9.1	13.7





#51

2,6-Dinitrotoluene

Concen: 53.193 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MS

Tot Ion:165 Resp: 183161

Ion Ratio Lower Upper

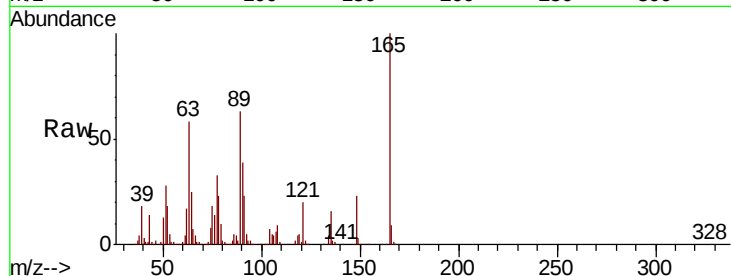
165 100

63 58.3 45.8 68.8

89 62.7 51.8 77.6

Manual Integrations
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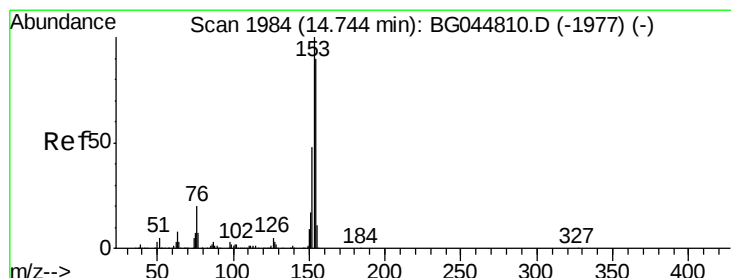
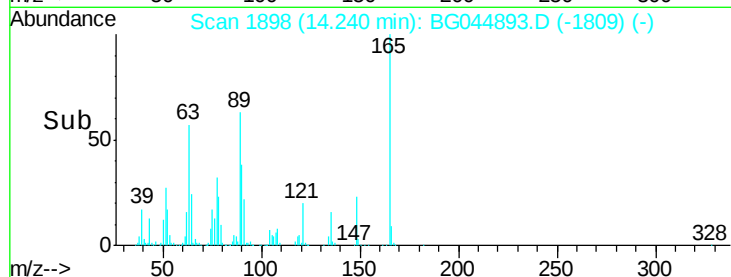
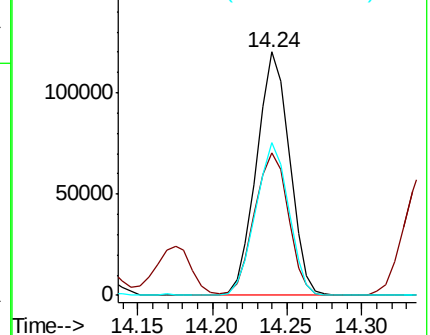
mohammad
3/23/2020 9:39:08 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 52.871 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

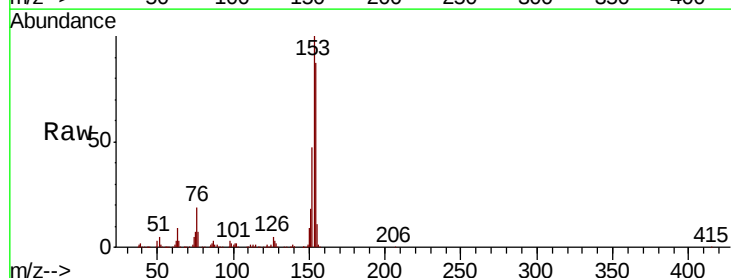
Tgt Ion:154 Resp: 710258

Ion Ratio Lower Upper

154 100

153 114.4 89.0 133.6

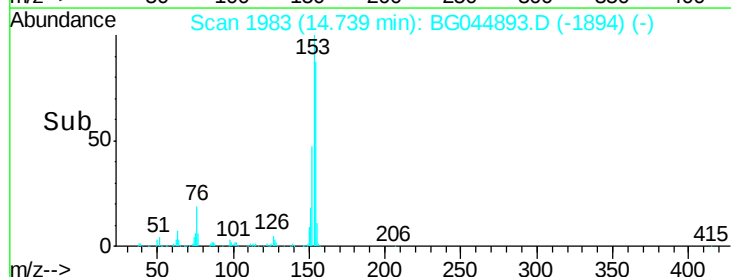
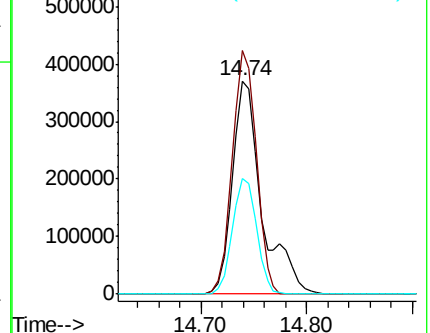
152 54.1 43.0 64.6

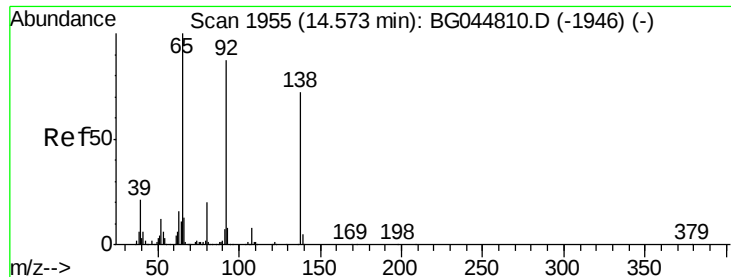


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





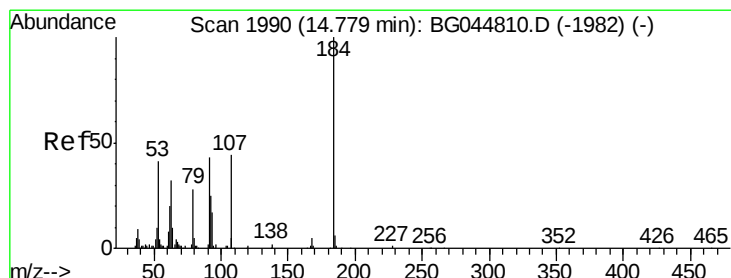
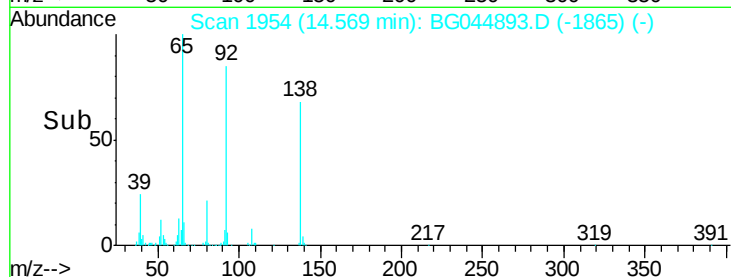
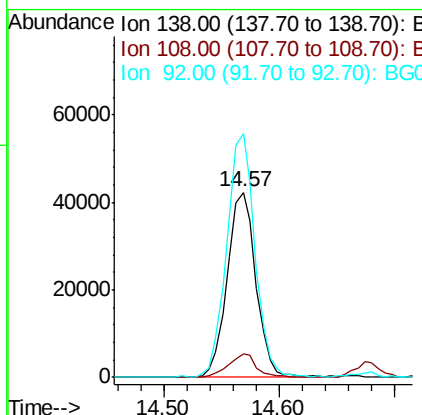
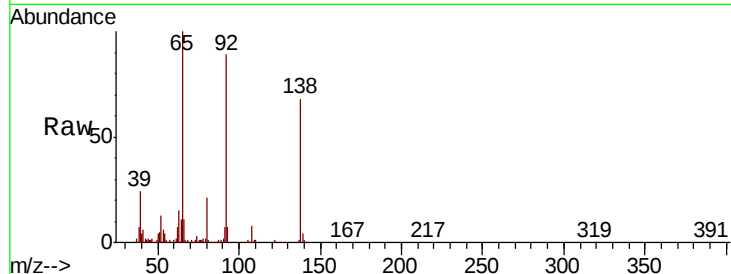
#53
3-Nitroaniline
Concen: 18.435 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.0	13.4
92	131.7	96.8	145.2

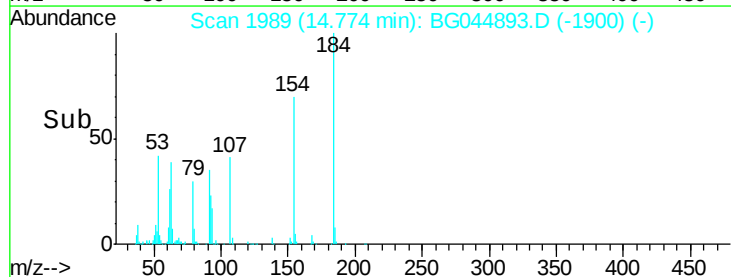
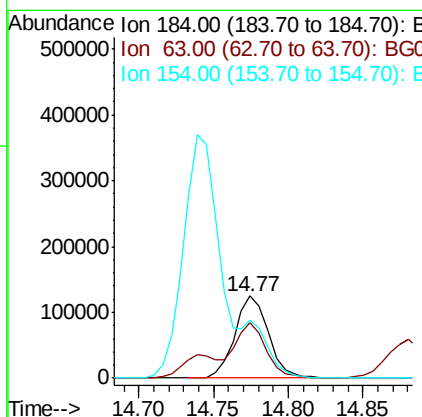
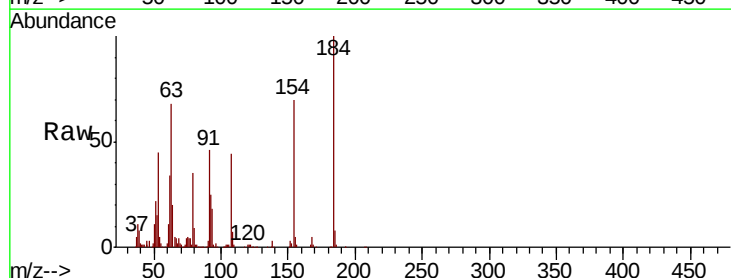
Manual Integrations
APPROVED

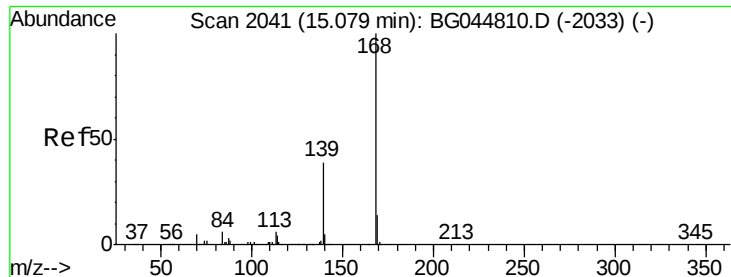
mohammad
3/23/2020 9:39:08 AM



#54
2,4-Dinitrophenol
Concen: 105.953 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	45.5	68.3
154	70.2	49.1	73.7





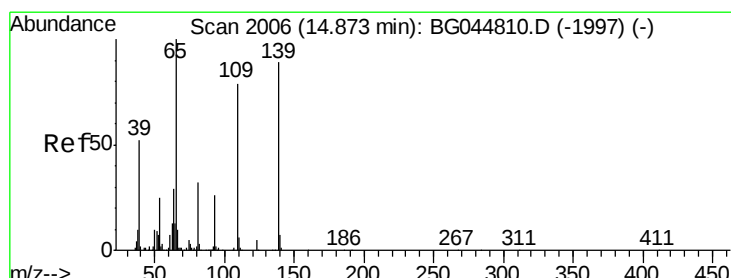
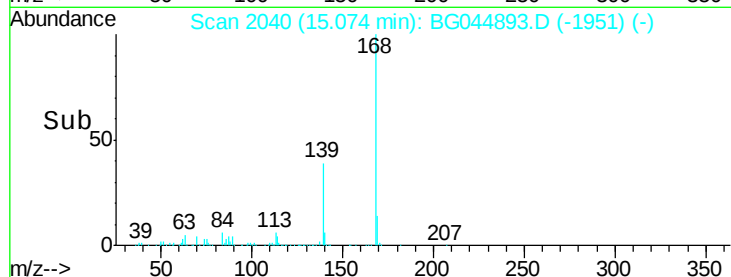
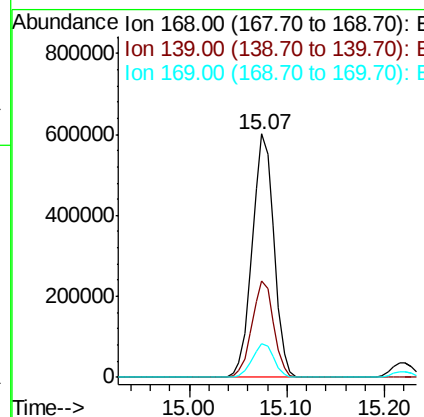
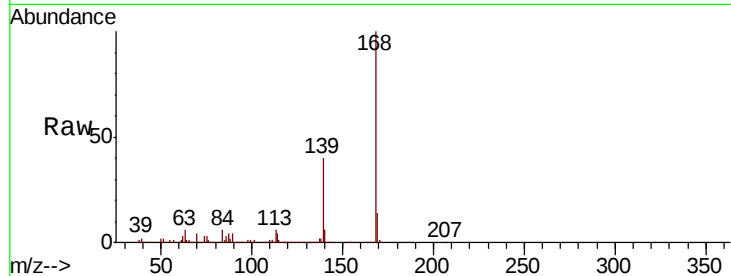
#55
Dibenzenofuran
Concen: 48.103 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	937096		
139	39.6		31.4	47.0
169	14.0		11.1	16.7

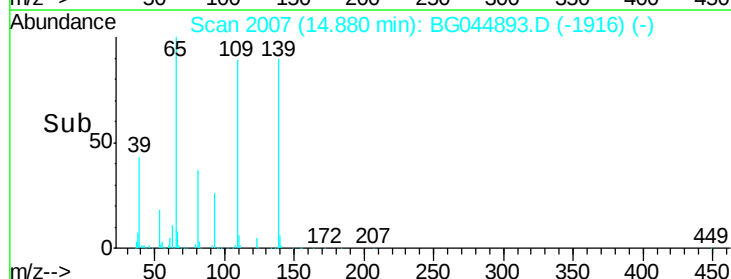
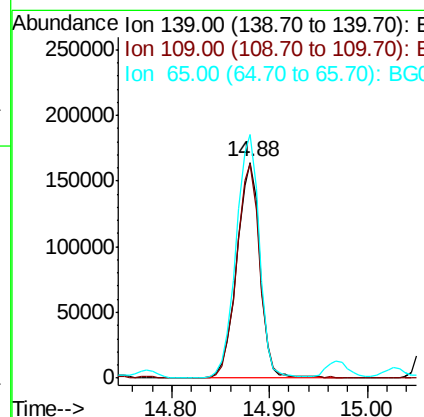
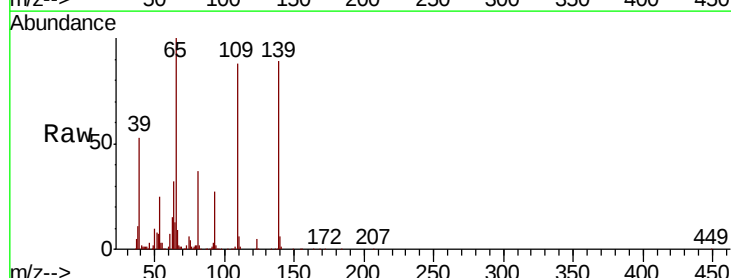
Manual Integrations
APPROVED

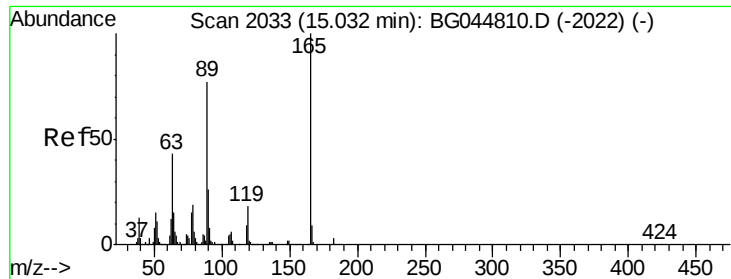
mohammad
3/23/2020 9:39:08 AM



#56
4-Nitrophenol
Concen: 89.715 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	271054		
109	99.4		68.8	108.8
65	112.9		92.5	132.5





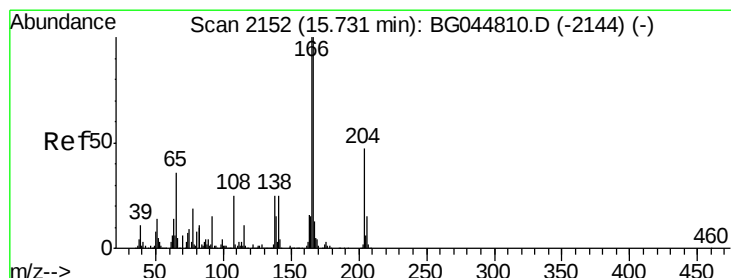
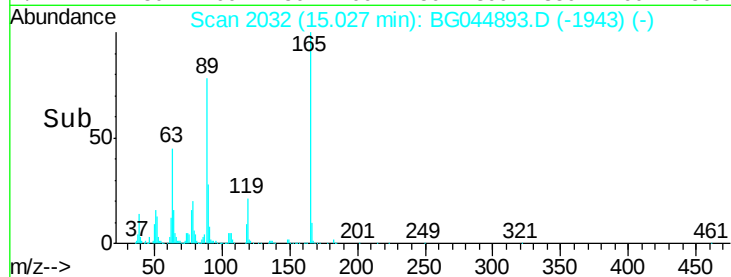
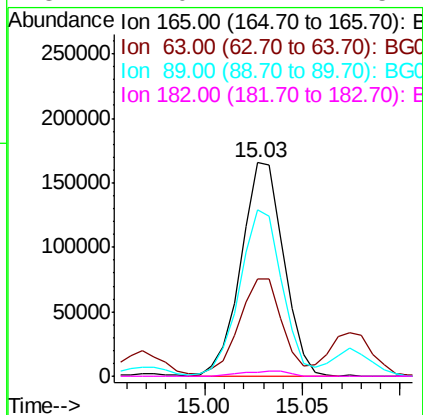
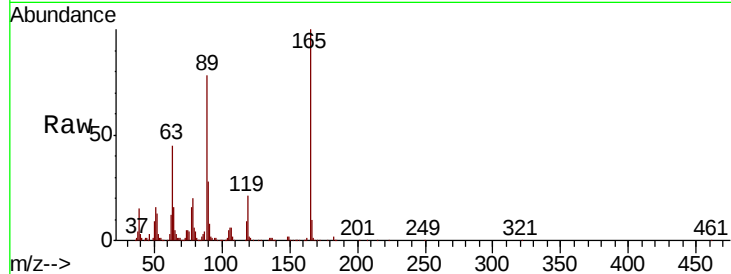
#57
2,4-Dinitrotoluene
Concen: 52.973 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.3	34.6	52.0
89	77.8	61.3	91.9
182	2.0	2.2	3.2

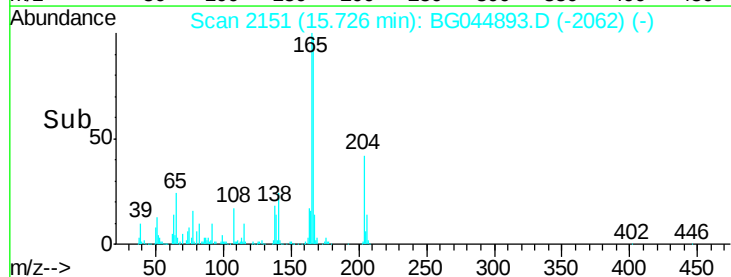
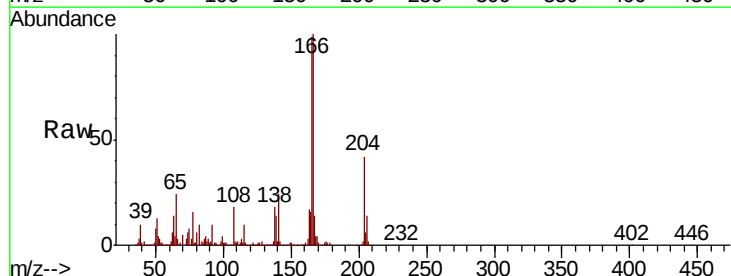
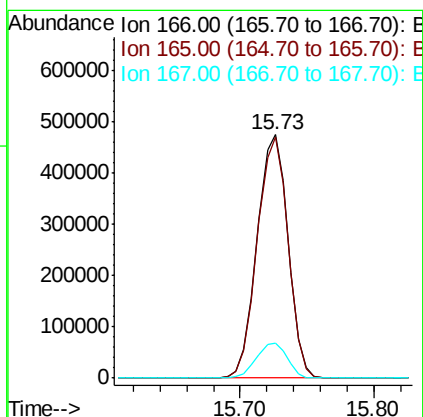
Manual Integrations
APPROVED

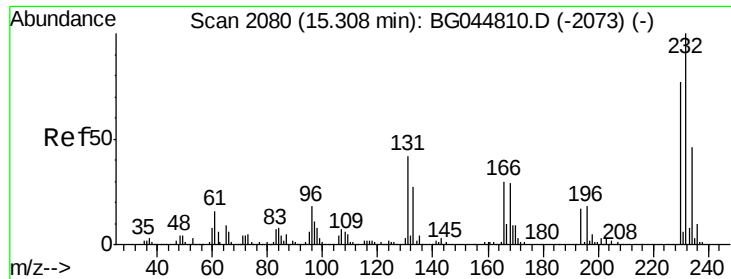
mohammad
3/23/2020 9:39:08 AM



#58
Fluorene
Concen: 47.350 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.0	79.7	119.5
167	14.4	10.6	16.0





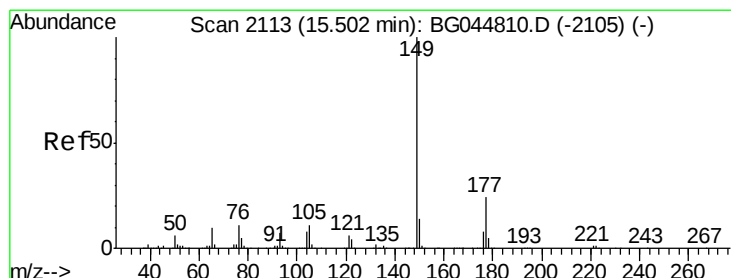
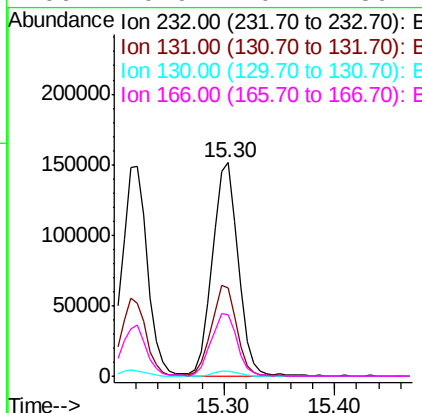
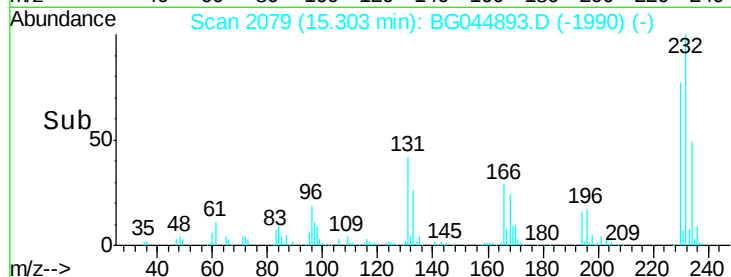
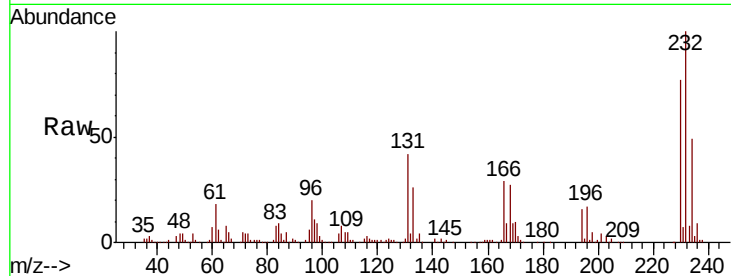
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.454 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	31.8	47.8
130	2.5	2.2	3.2
166	29.9	20.2	30.2

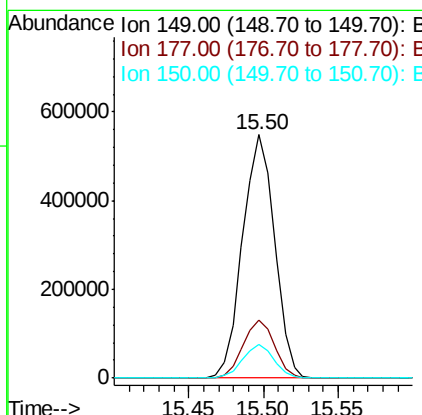
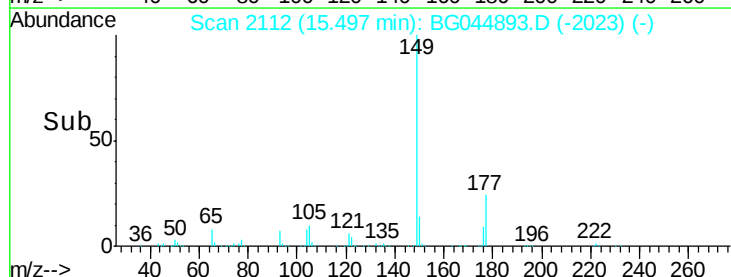
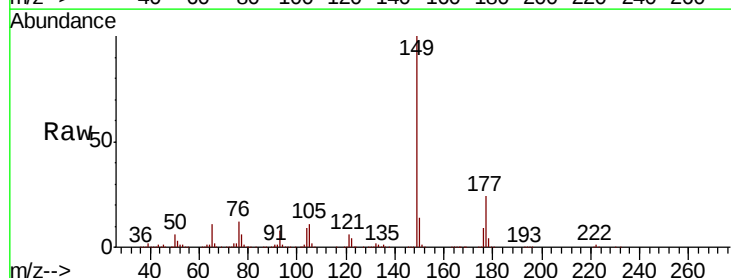
Manual Integrations
 APPROVED

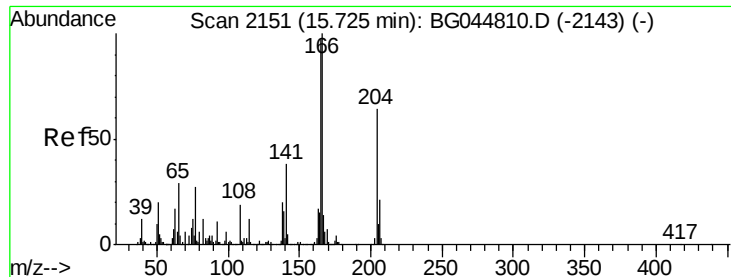
mohammad
 3/23/2020 9:39:08 AM



#60
 Diethylphthalate
 Concen: 45.661 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.3	28.9
150	13.8	11.0	16.6





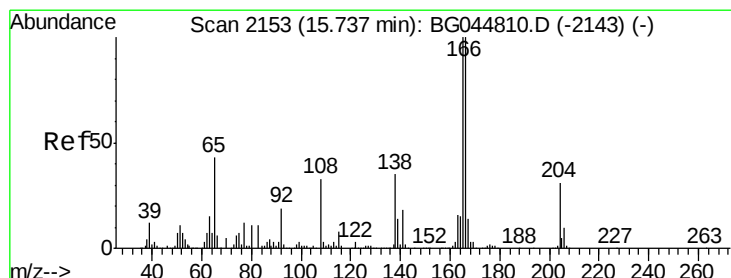
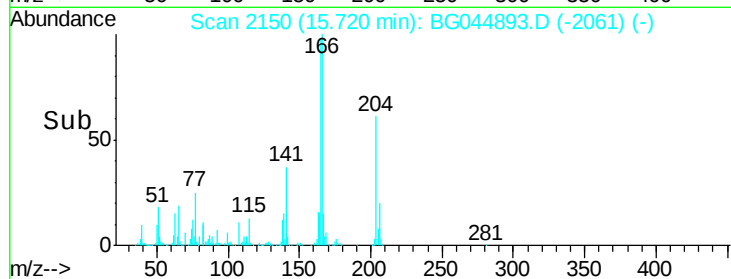
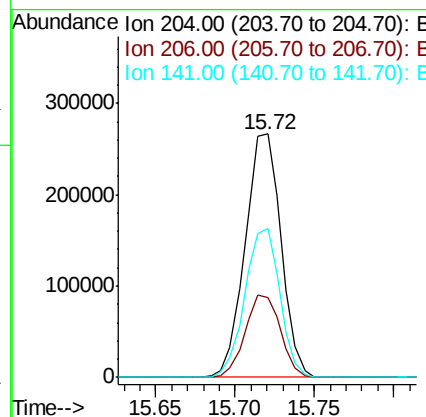
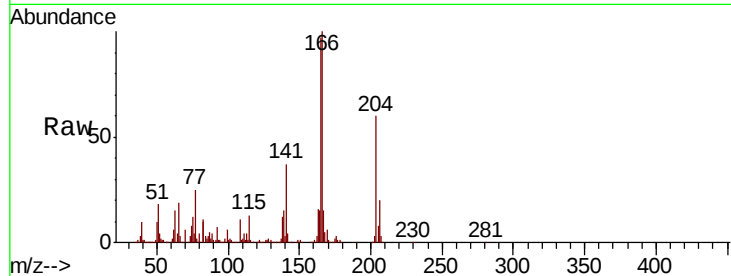
#61
4-Chlorophenyl-phenylether
Concen: 48.469 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	61.0	47.7	71.5

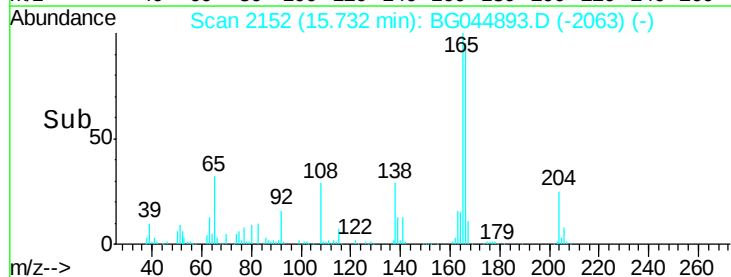
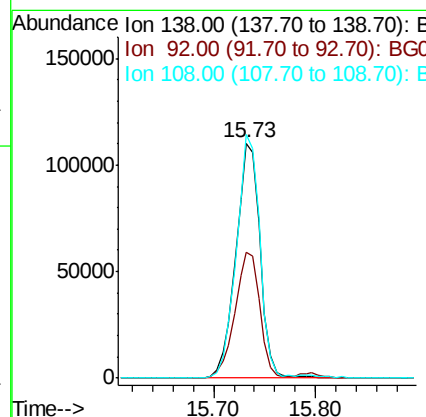
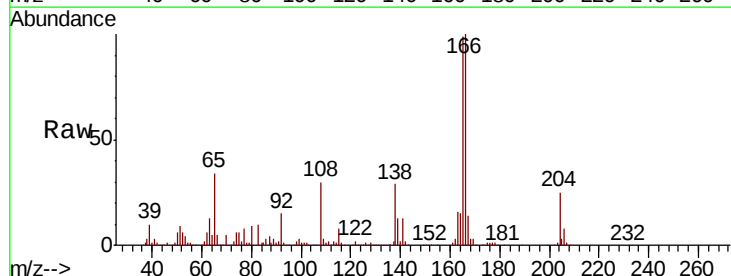
Manual Integrations
APPROVED

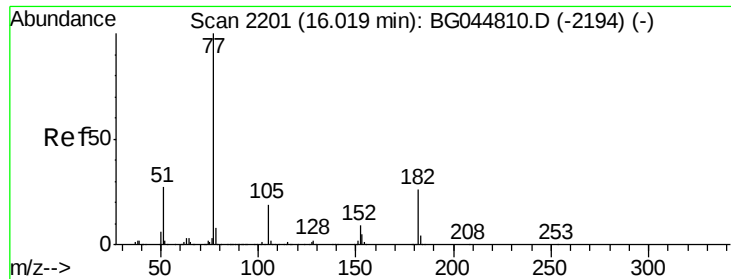
mohammad
3/23/2020 9:39:08 AM



#62
4-Nitroaniline
Concen: 43.238 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	34.5	74.5
108	103.7	74.5	114.5





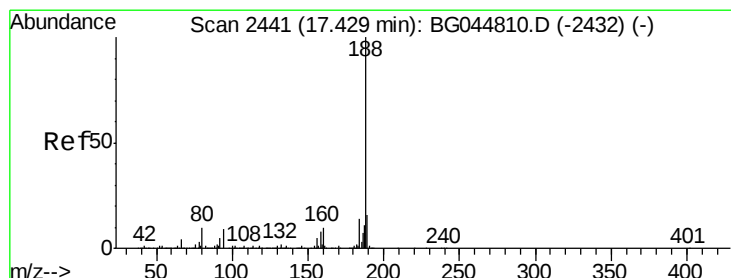
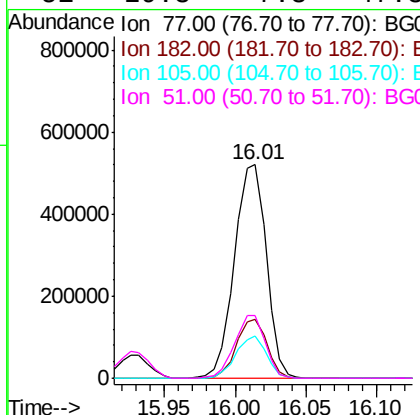
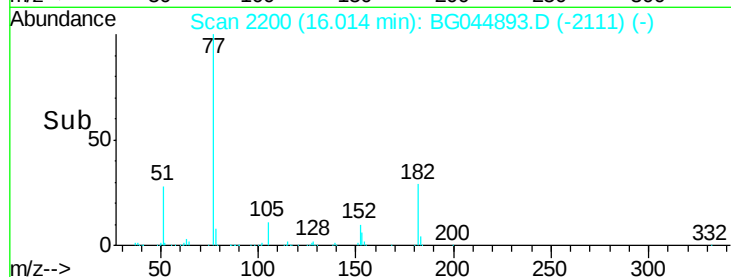
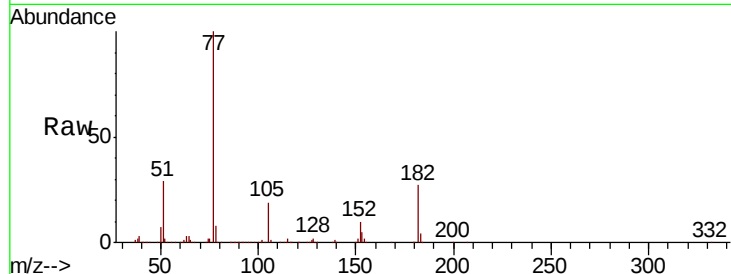
#63
Azobenzene
Concen: 44.464 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.4	46.4
105	19.5	0.0	39.1
51	29.3	7.3	47.3

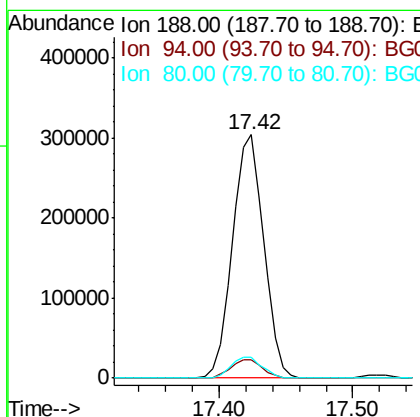
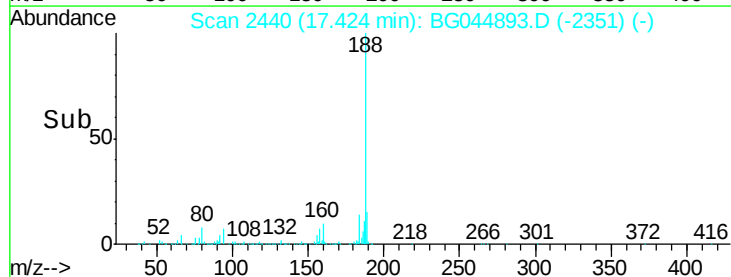
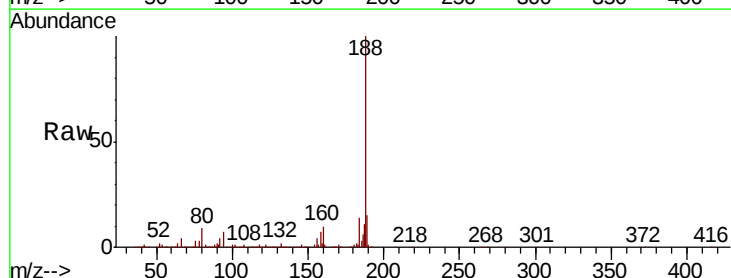
Manual Integrations
APPROVED

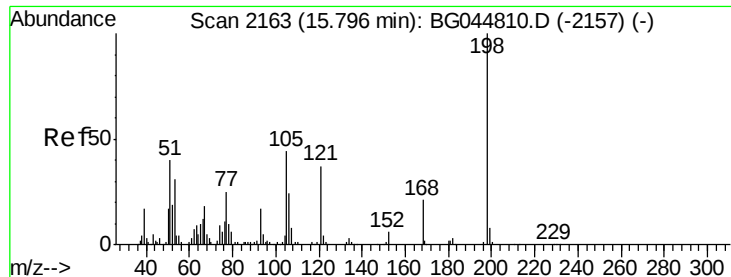
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.3	10.9
80	8.6	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 59.992 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

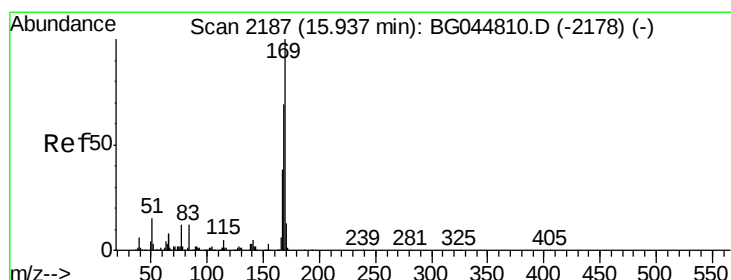
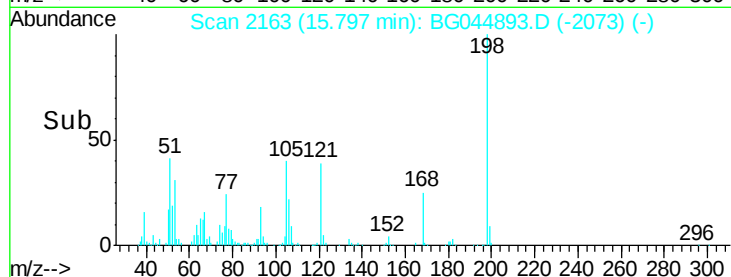
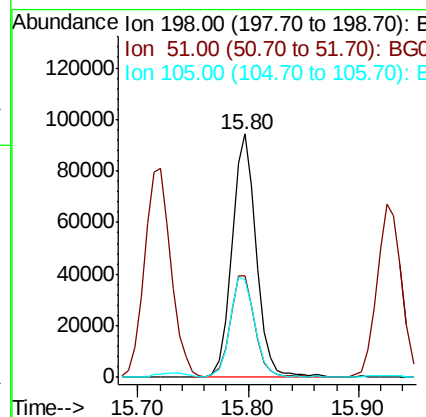
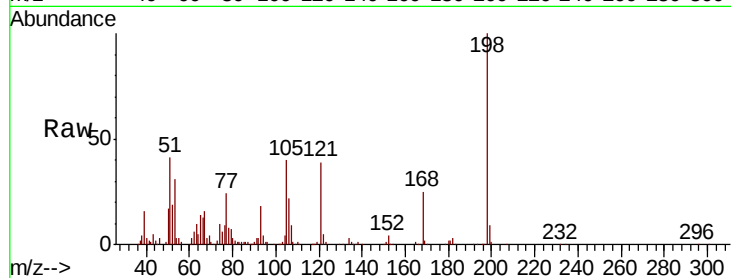
ClientSampleId :

OR-02-031620MS

Tot Ion:	198	Resp:	145111
Ion Ratio	Lower	Upper	
198	100		
51	41.5	21.1	61.1
105	39.9	24.5	64.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.444 ng

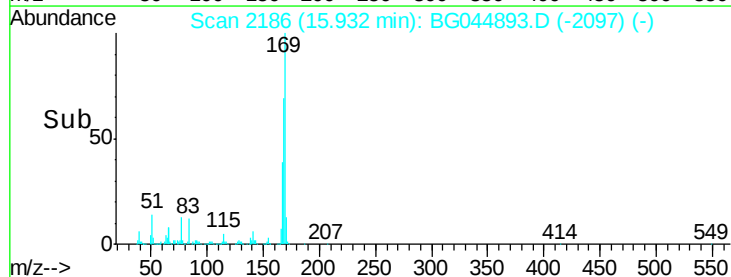
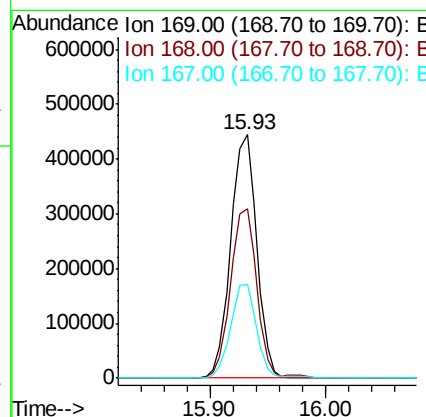
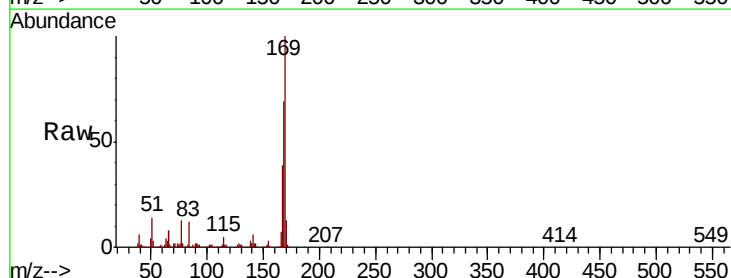
RT: 15.93 min Scan# 2186

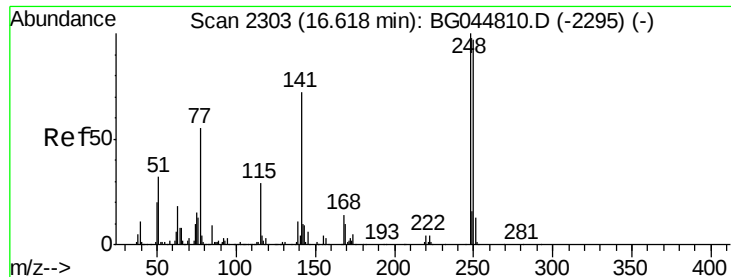
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	169	Resp:	692175
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.4	83.2
167	38.6	30.1	45.1





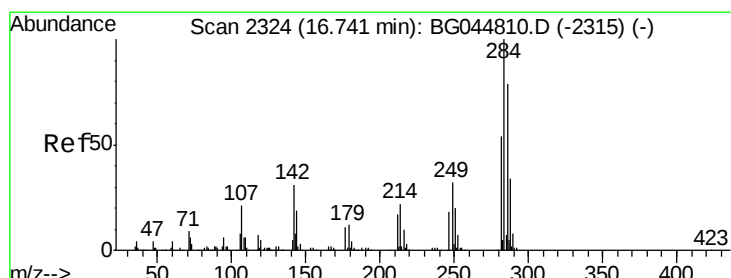
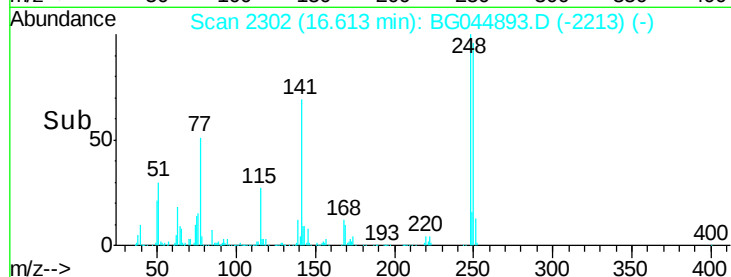
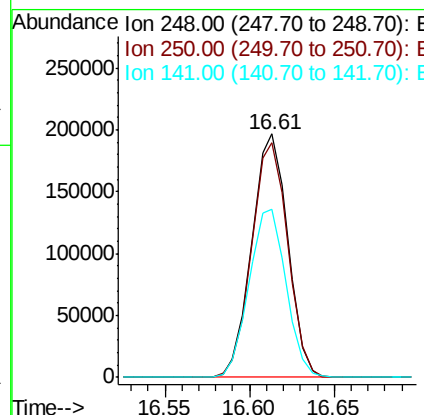
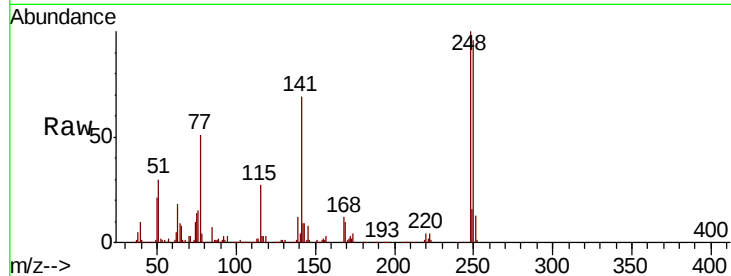
#67
4-Bromophenyl-phenylether
Concen: 46.978 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.9	116.9
141	68.8	57.5	86.3

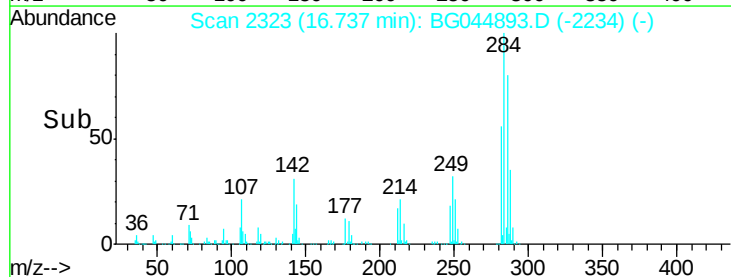
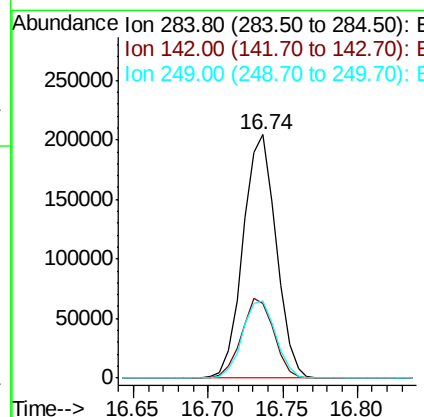
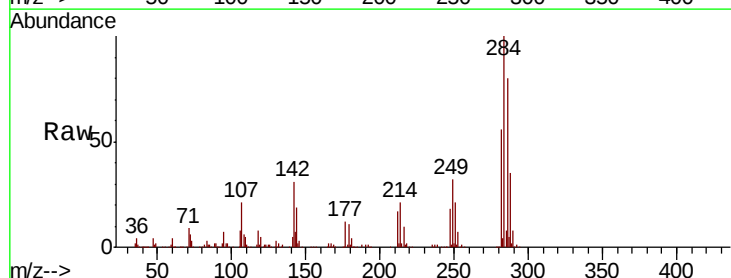
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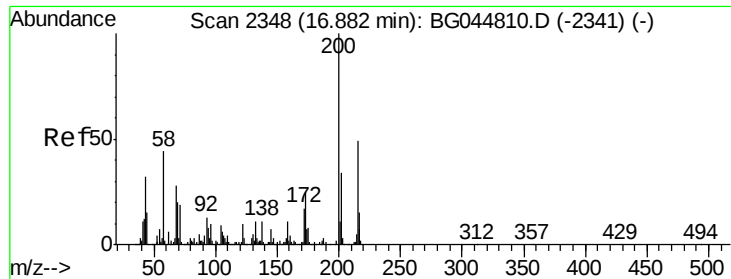
mohammad
3/23/2020 9:39:08 AM



#68
Hexachlorobenzene
Concen: 46.568 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	25.0	37.6
249	31.6	25.8	38.8





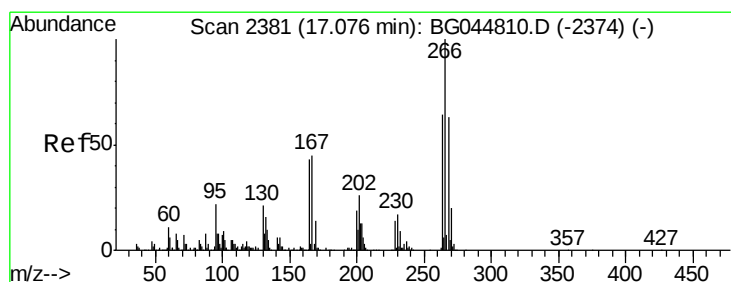
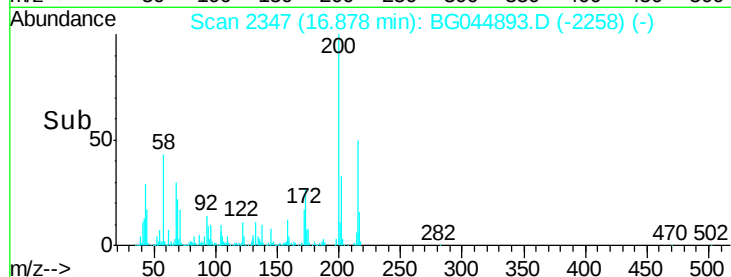
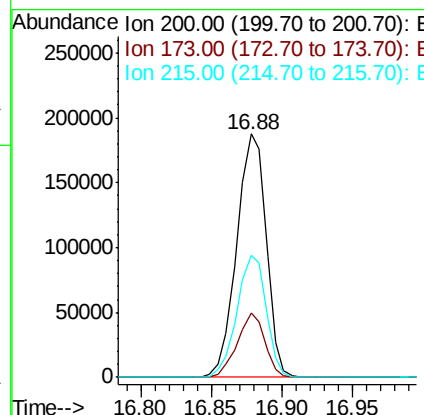
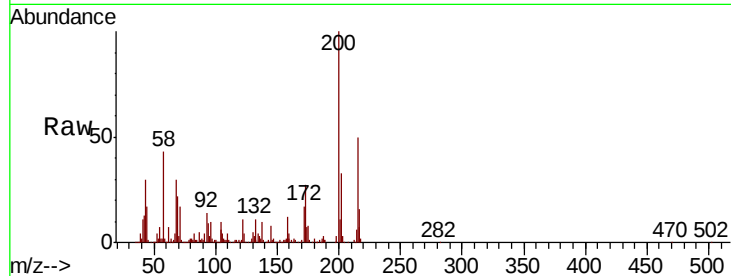
#69
Atrazine
Concen: 49.913 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	272541		
173	26.6	5.3	45.3	
215	50.0	28.9	68.9	

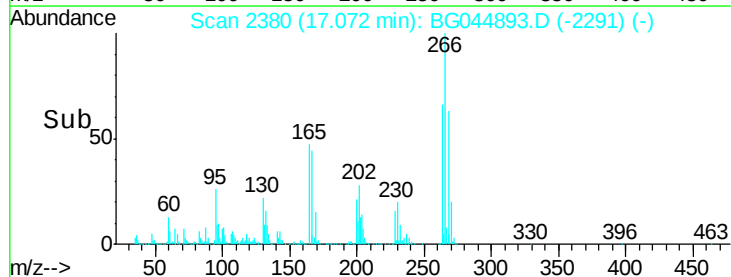
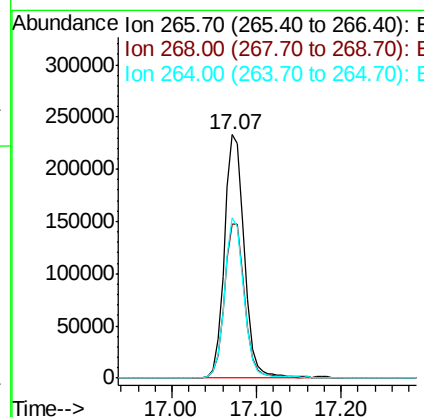
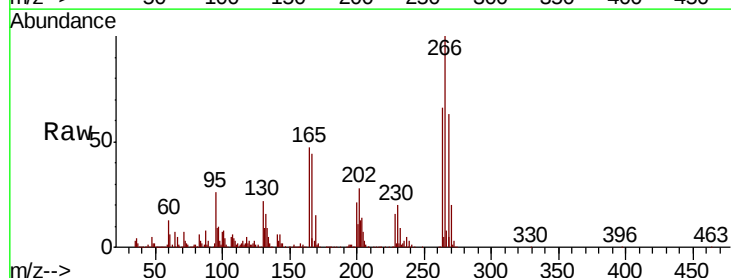
Manual Integrations
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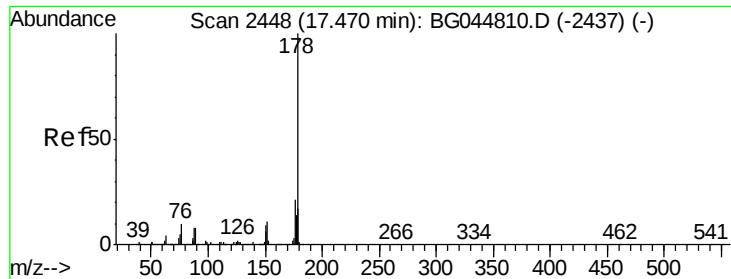
mohammad
3/23/2020 9:39:08 AM



#70
Pentachlorophenol
Concen: 103.644 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	382865		
268	63.2	50.3	75.5	
264	65.9	51.4	77.2	





#71

Phenanthrene

Concen: 46.139 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MS

Tot Ion:178 Resp: 1220531

Ion Ratio Lower Upper

178 100

176 20.6 16.6 24.8

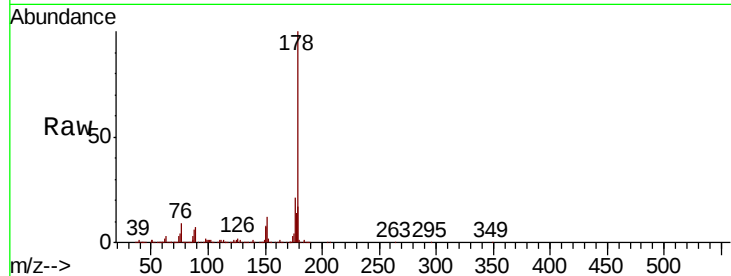
179 16.7 13.5 20.3

Manual Integrations

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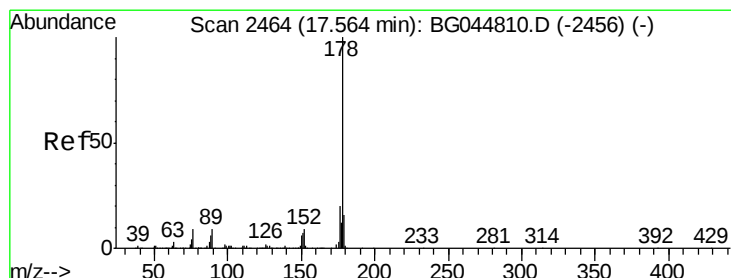
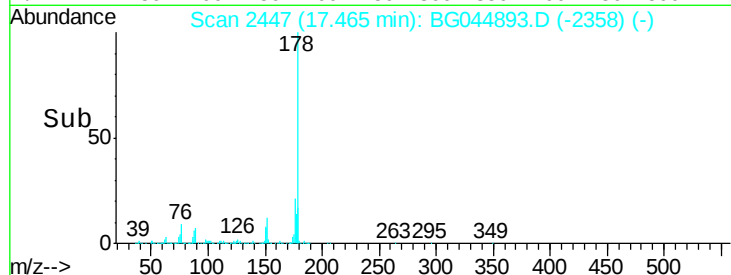
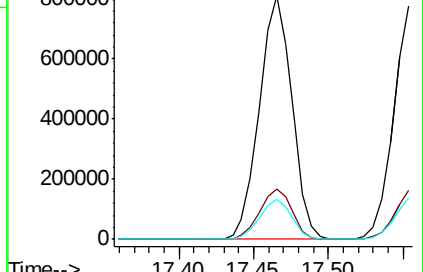
3/23/2020 9:39:08 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.914 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

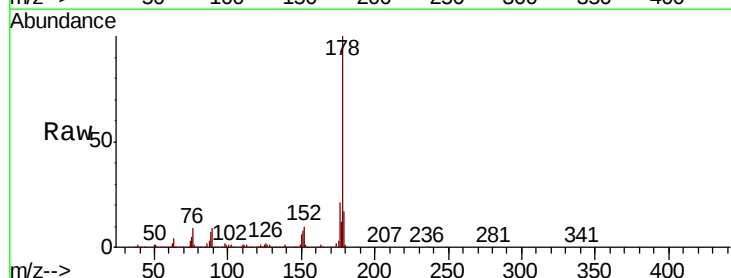
Tgt Ion:178 Resp: 1249801

Ion Ratio Lower Upper

178 100

176 20.8 15.9 23.9

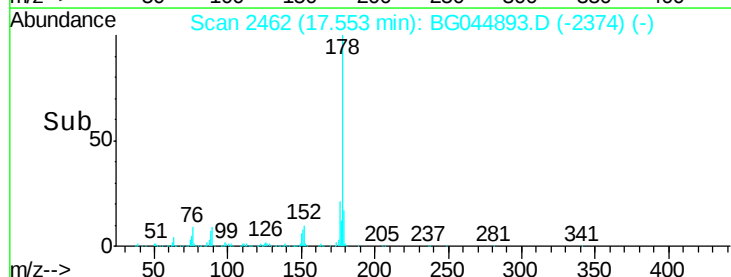
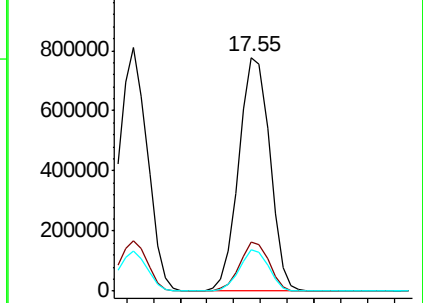
179 17.5 13.2 19.8

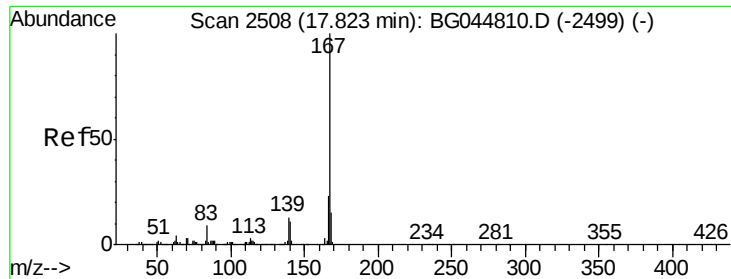


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





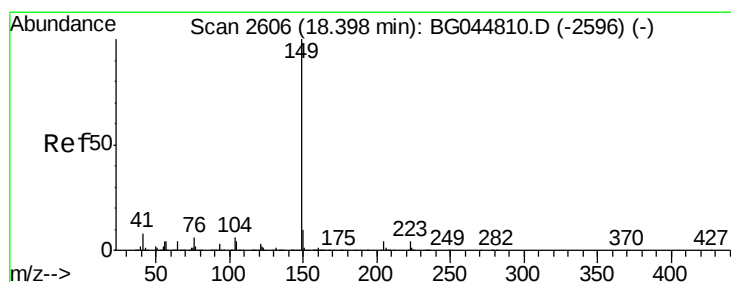
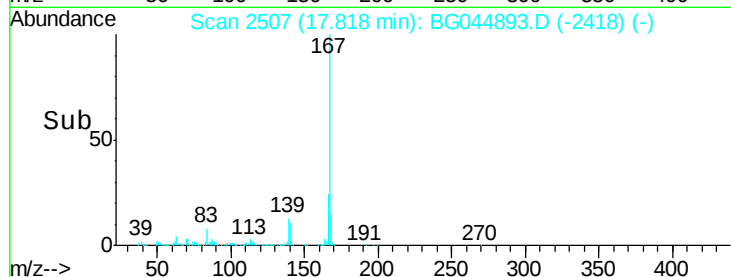
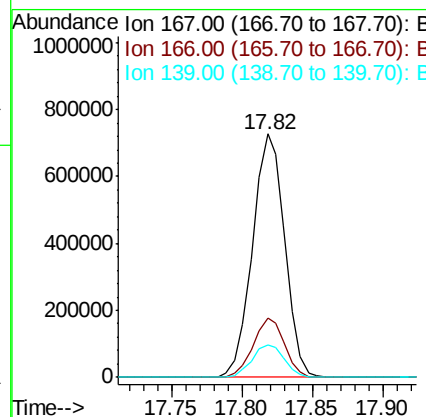
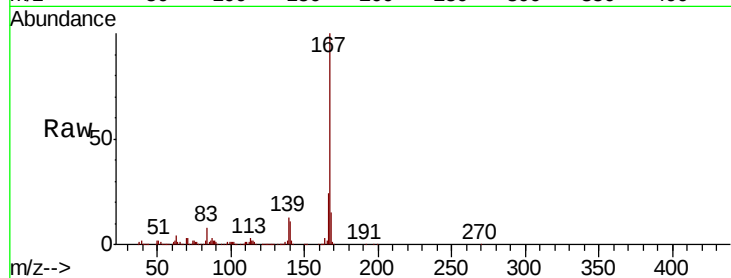
#73
 Carbazole
 Concen: 46.459 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.8	28.2
139	13.4	10.8	16.2

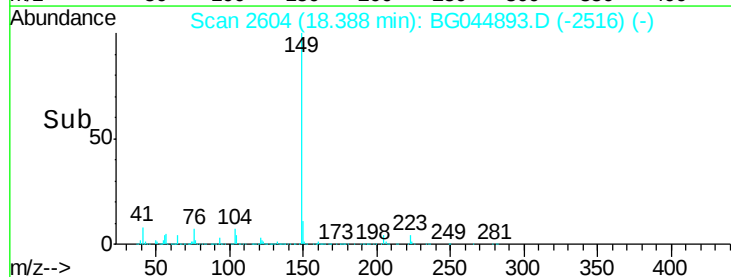
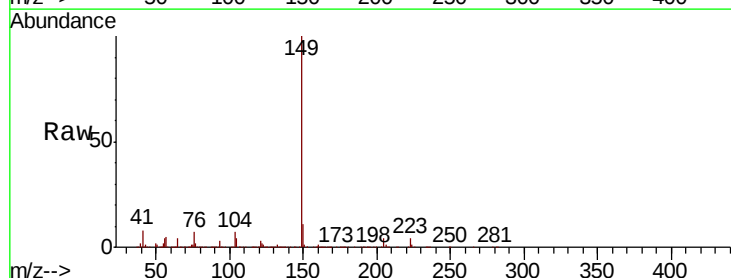
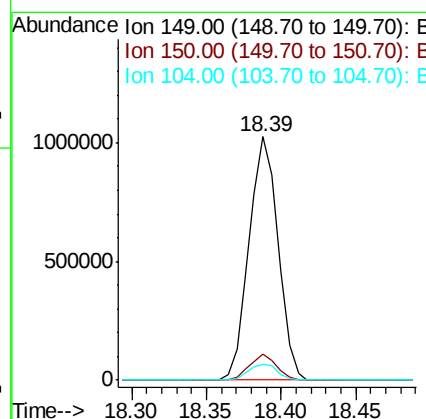
Manual Integrations
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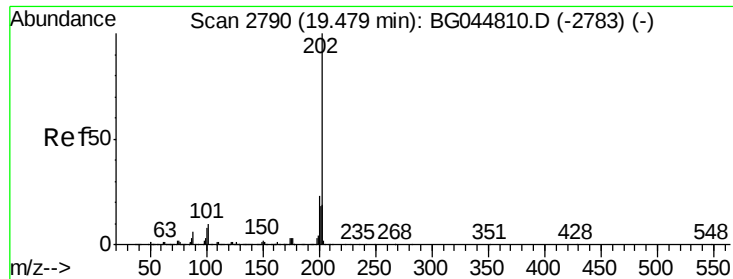
mohammad
 3/23/2020 9:39:08 AM



#74
 Di-n-butylphthalate
 Concen: 45.093 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044893.D
 Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	6.5	5.0	7.4





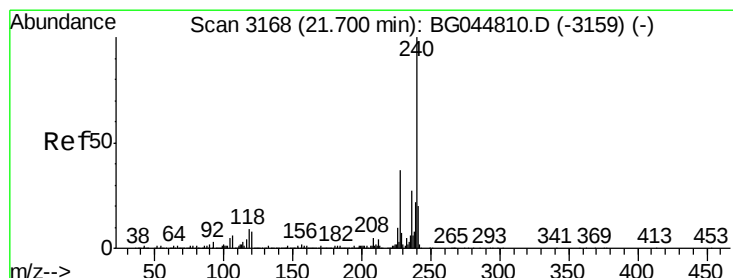
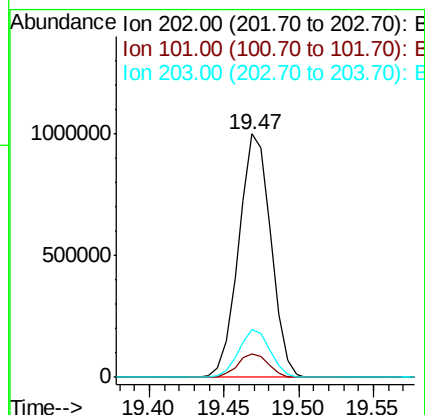
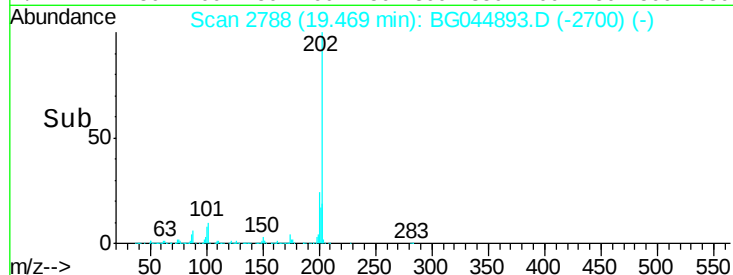
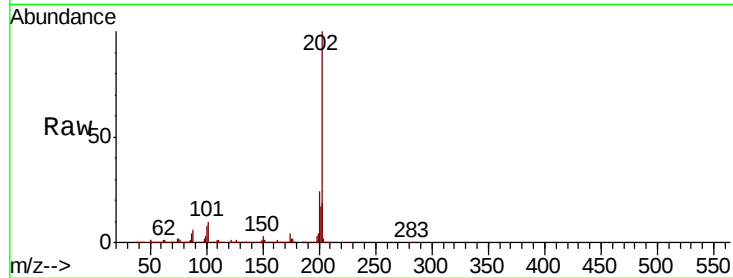
#75
Fluoranthene
Concen: 47.283 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion:	202	Resp:	1489285
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.8
203	19.5	0.0	39.4

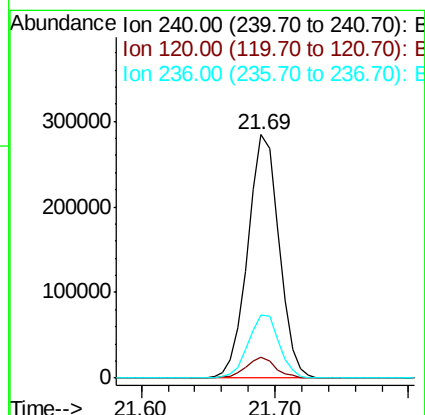
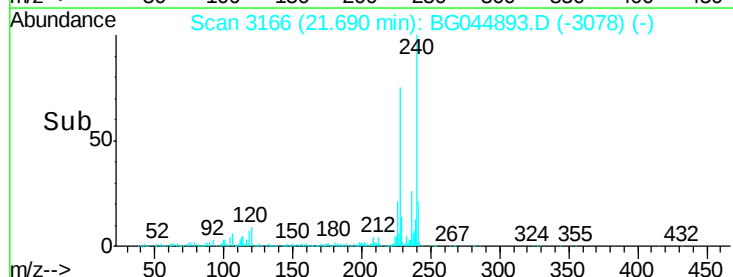
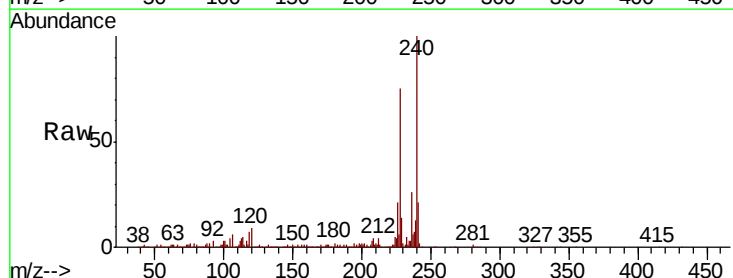
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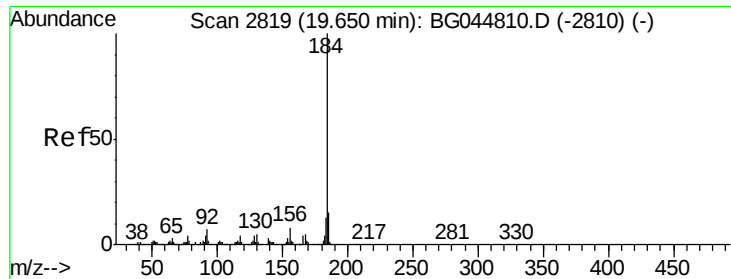
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion:	240	Resp:	458055
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.7	10.1
236	26.0	21.5	32.3





#77

Benzidine

Concen: 15.007 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

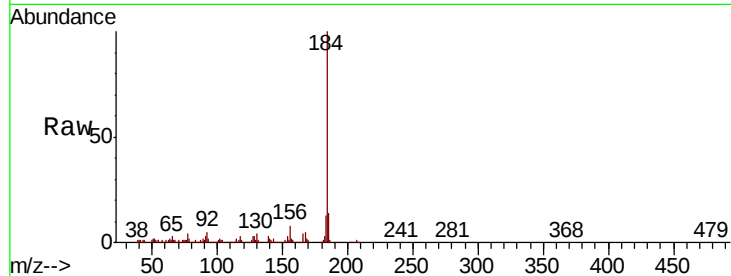
ClientSampleId :

OR-02-031620MS

Tot Ion:	184	Resp:	223157
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.4
183	12.9	10.7	16.1

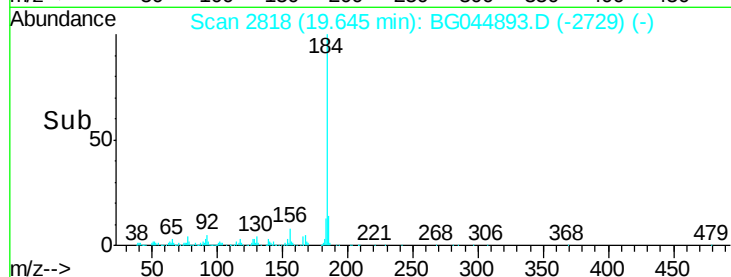
Manual Integrations
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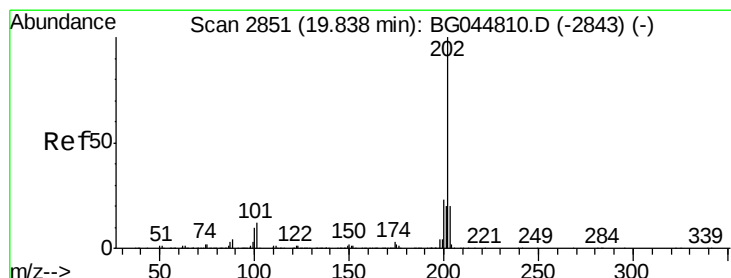


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

19.65



Time-->



#78

Pyrene

Concen: 44.193 ng

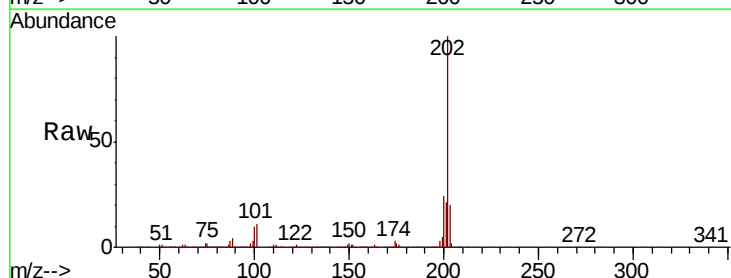
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044893.D

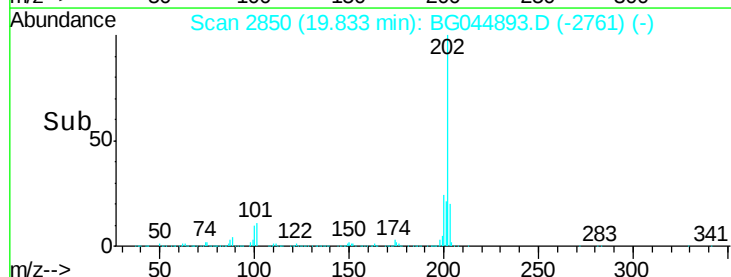
Acq: 19 Mar 2020 11:40

Tgt Ion:	202	Resp:	1485152
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.3	27.5
203	20.2	15.6	23.4

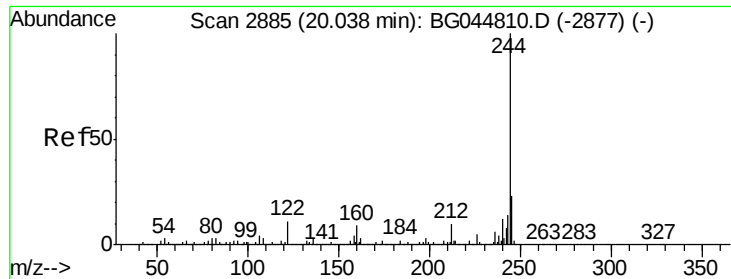


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.83



Time-->



#79

Terphenyl-d14

Concen: 87.232 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MS

Tot Ion:244 Resp: 2136104

Ion Ratio Lower Upper

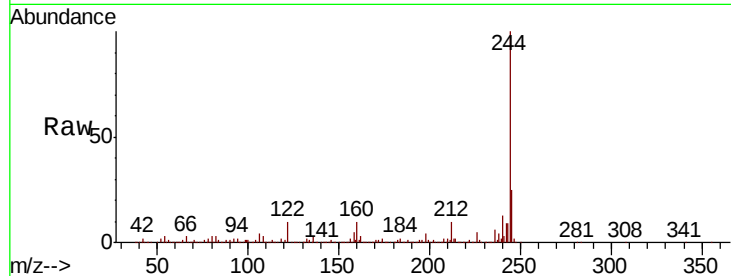
244 100

212 10.1 7.7 11.5

122 10.2 8.6 12.8

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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

2000000

1500000

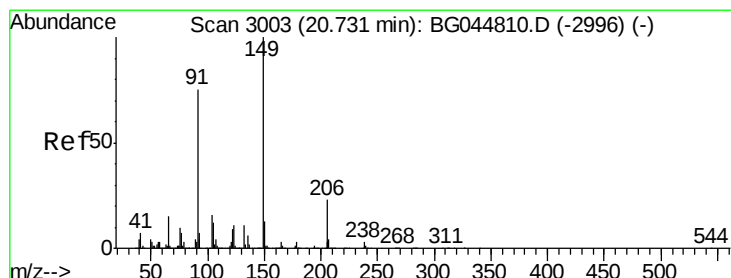
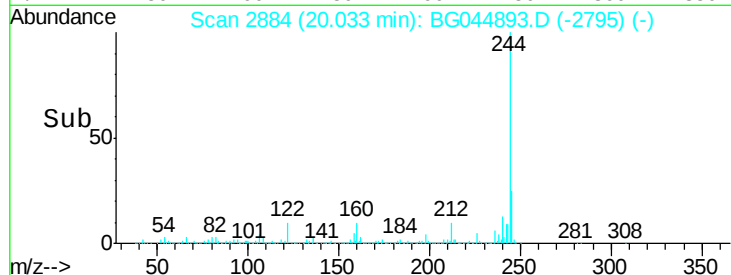
1000000

500000

0

20.03

Time-->



#80

Butylbenzylphthalate

Concen: 43.021 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

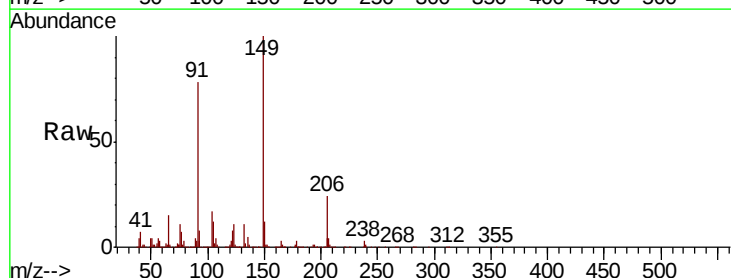
Tgt Ion:149 Resp: 643187

Ion Ratio Lower Upper

149 100

91 77.6 60.2 90.4

206 24.3 18.6 27.8



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

600000

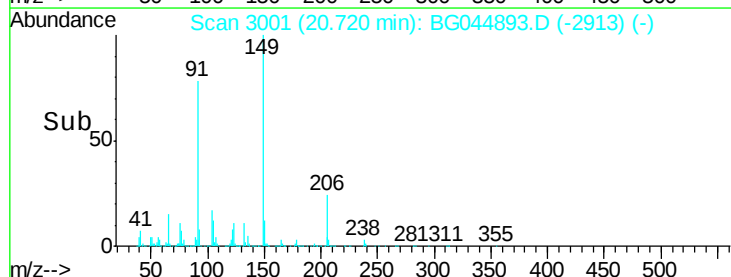
400000

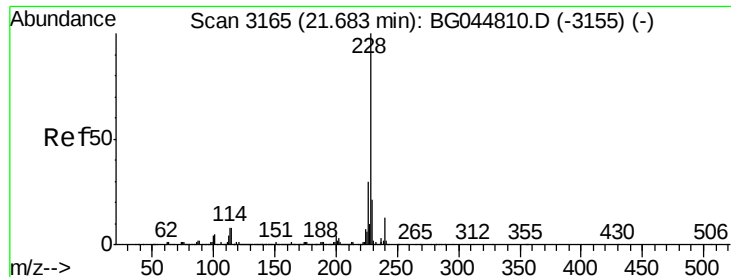
200000

0

20.72

Time-->





#81

Benzo(a)anthracene

Concen: 44.430 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

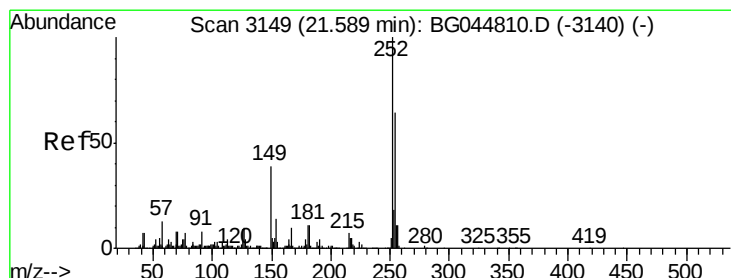
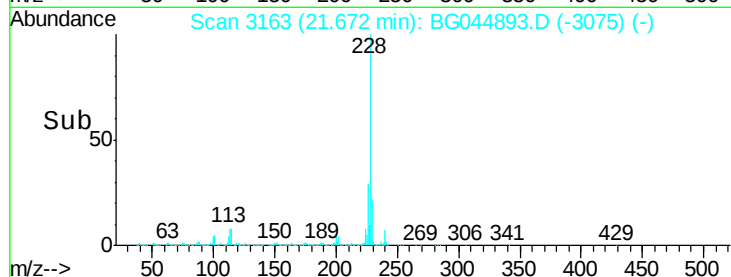
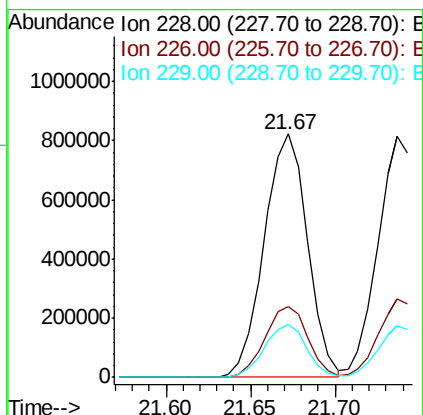
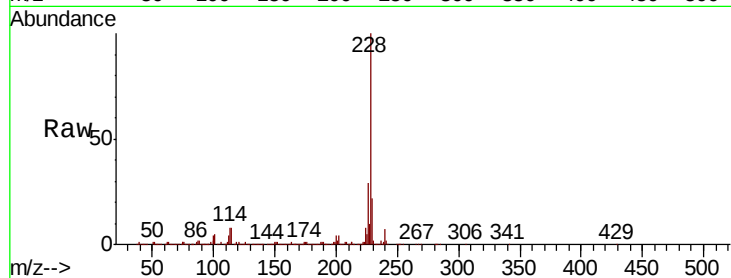
ClientSampleId :

OR-02-031620MS

Tot Ion:	228	Resp:	1465457
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	21.8	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 17.539 ng

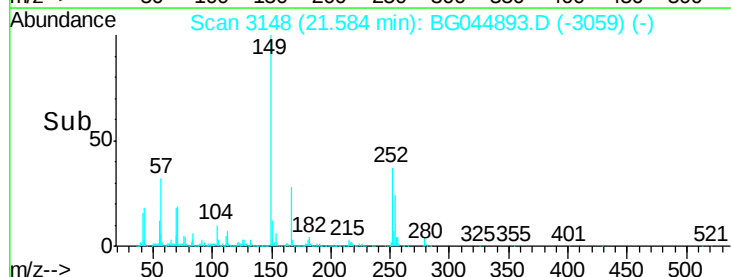
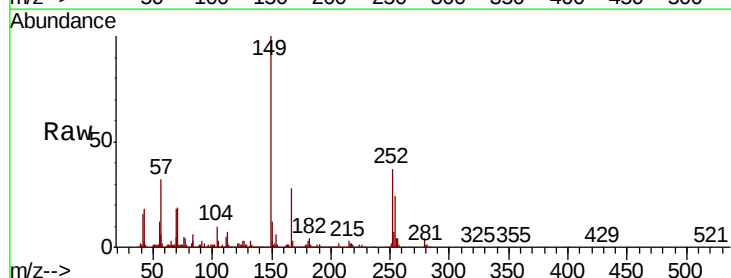
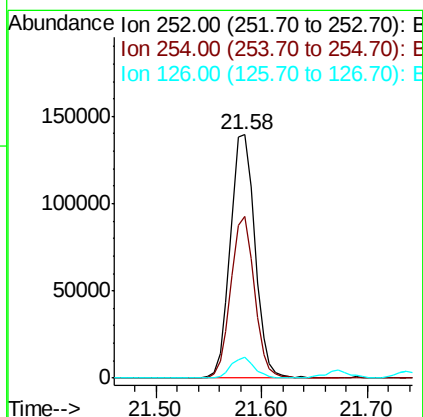
RT: 21.58 min Scan# 3148

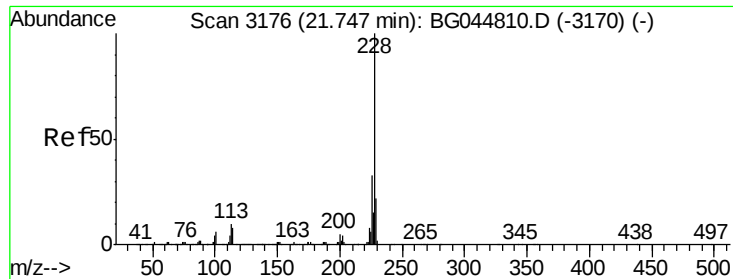
Delta R.T. -0.00 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	252	Resp:	223802
Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.6	77.4
126	8.3	7.0	10.6





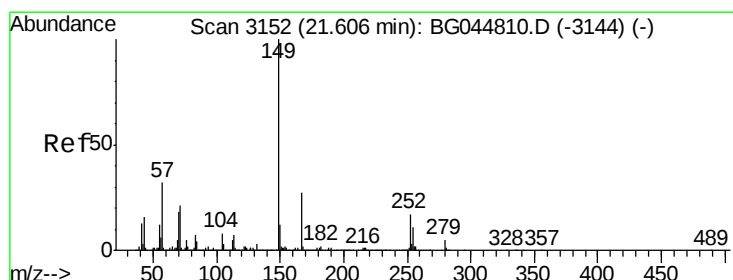
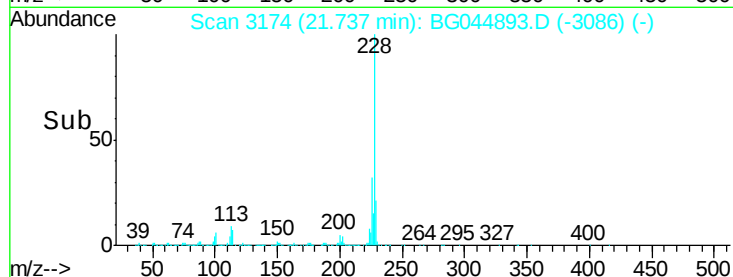
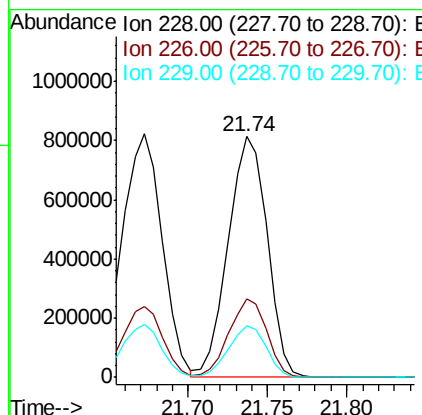
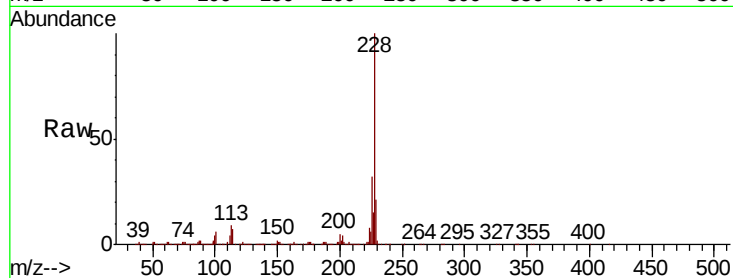
#83
Chrysene
Concen: 44.004 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.9	38.9
229	21.4	17.4	26.0

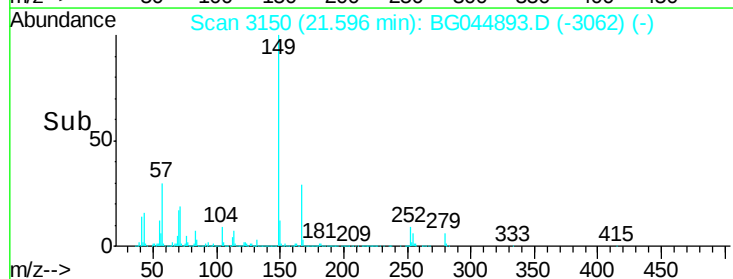
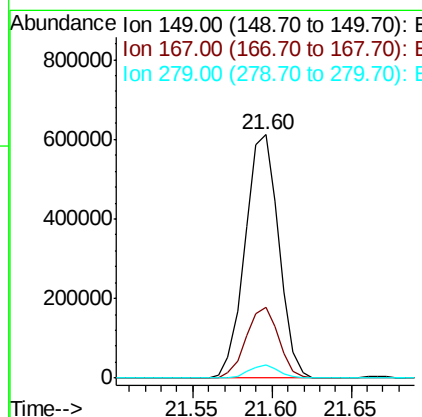
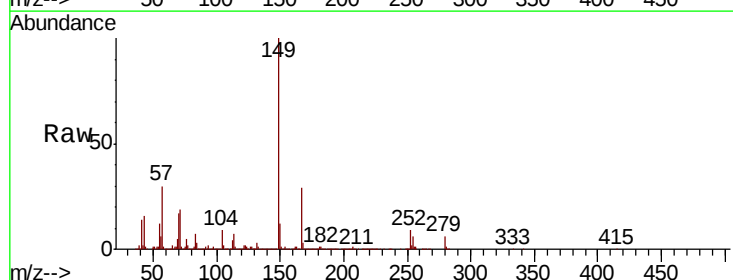
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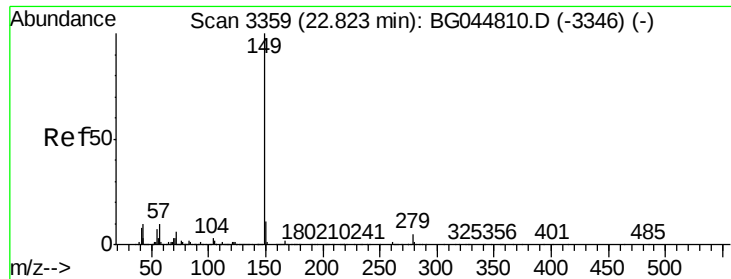
mohammad
3/23/2020 9:39:08 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.579 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.8	32.6
279	5.5	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 45.112 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MS

Tot Ion:149 Resp: 1557653

Ion Ratio Lower Upper

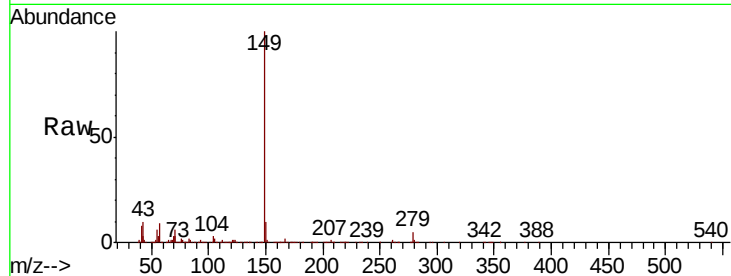
149 100

167 1.7 1.4 2.0

43 10.0 8.2 12.4

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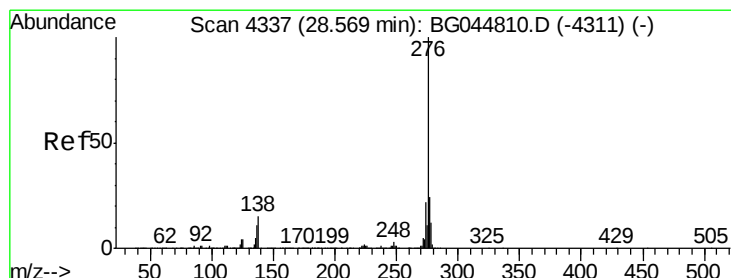
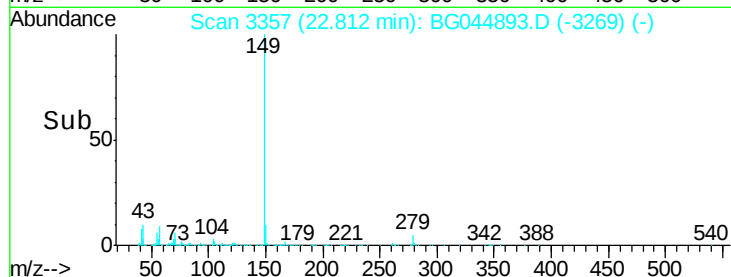
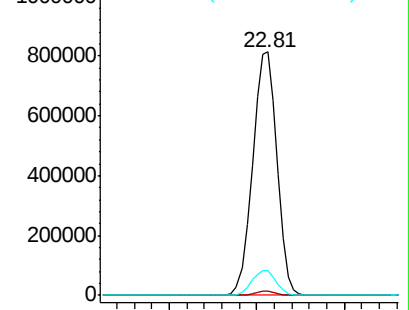
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.646 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.02 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

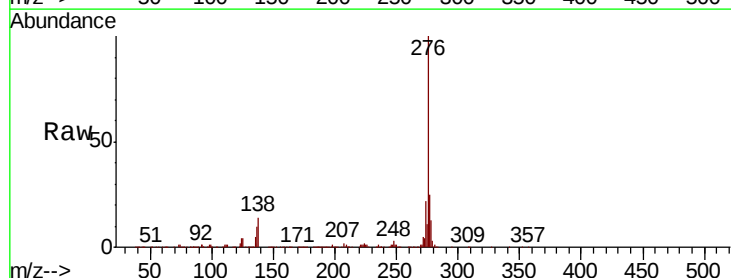
Tgt Ion:276 Resp: 1926732

Ion Ratio Lower Upper

276 100

138 12.8 7.4 11.0#

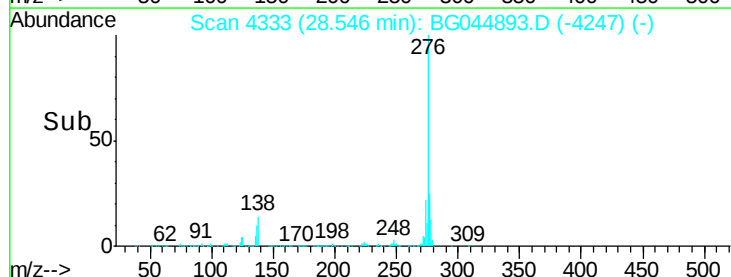
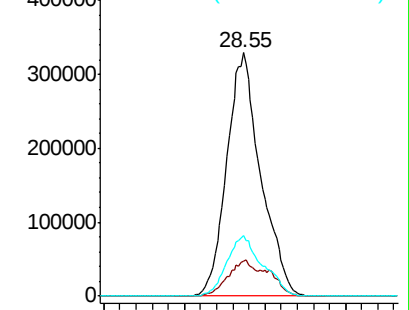
277 26.2 20.8 31.2

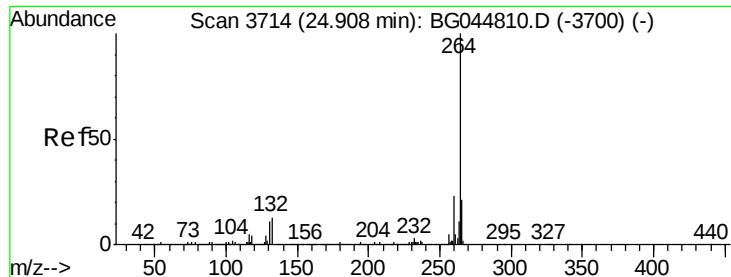


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Instrument :

BNA_G

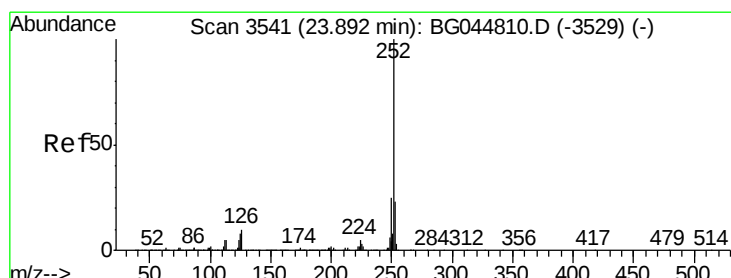
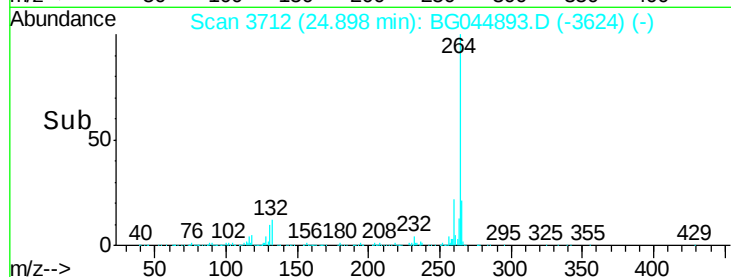
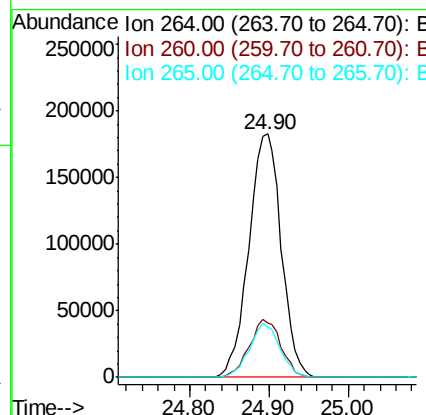
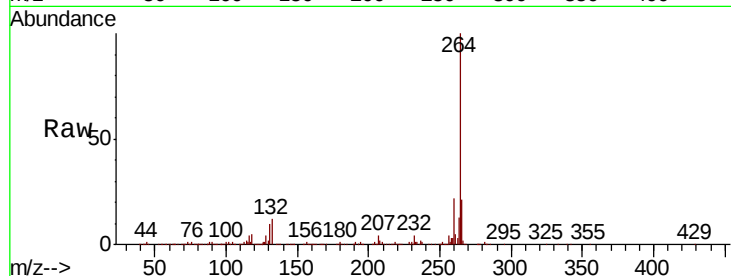
ClientSampleId :

OR-02-031620MS

Tot Ion:	264	Resp:	519398
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.1	27.1
265	20.9	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 46.702 ng

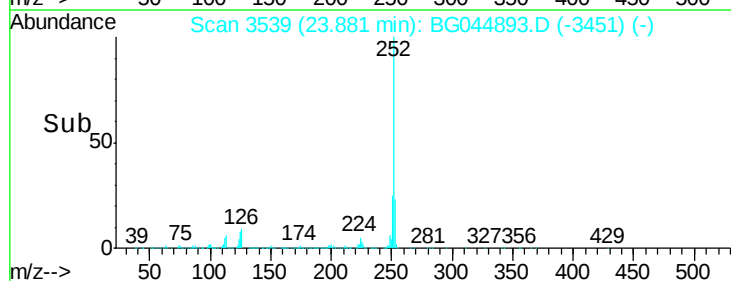
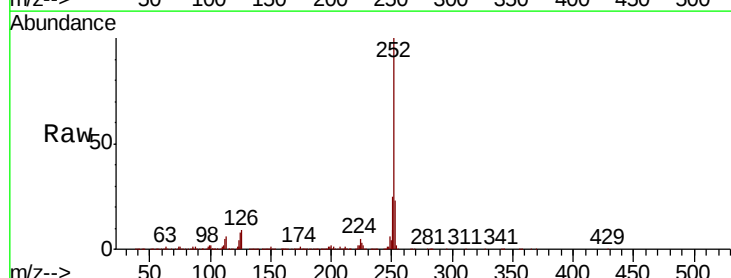
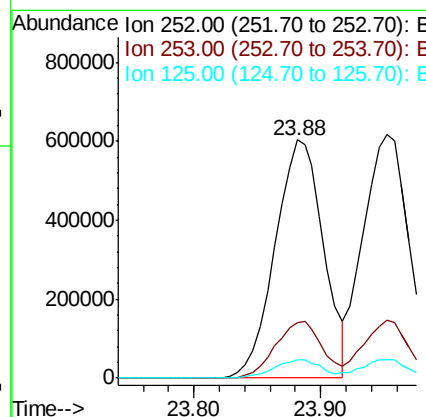
RT: 23.88 min Scan# 3539

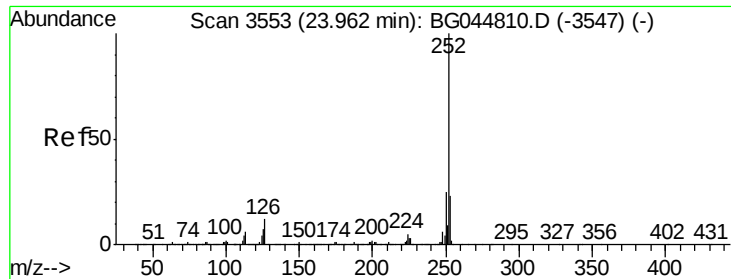
Delta R.T. -0.01 min

Lab File: BG044893.D

Acq: 19 Mar 2020 11:40

Tgt Ion:	252	Resp:	1601389
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	7.8	6.6	9.8





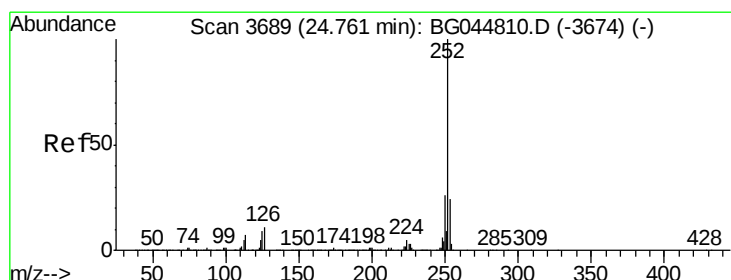
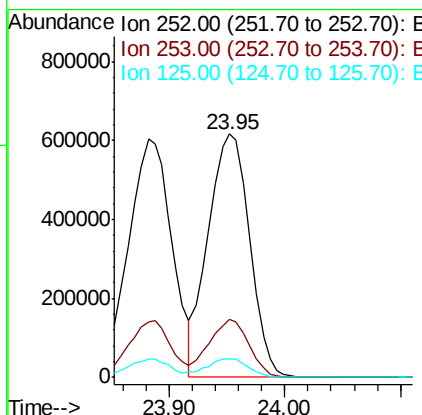
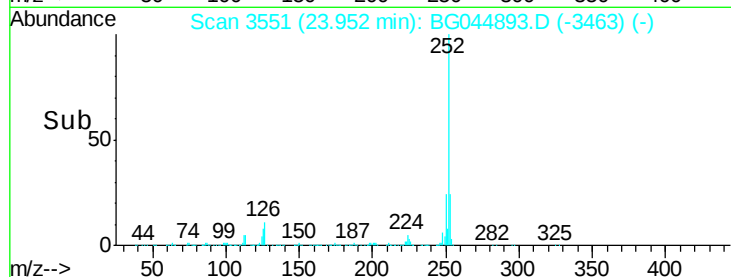
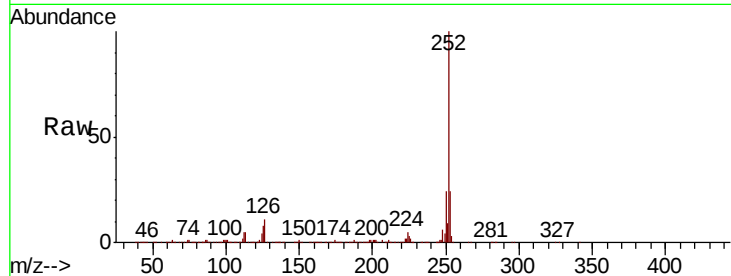
#89
Benzo(k)fluoranthene
Concen: 47.289 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion:252 Resp: 1534506
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 7.6 6.2 9.2

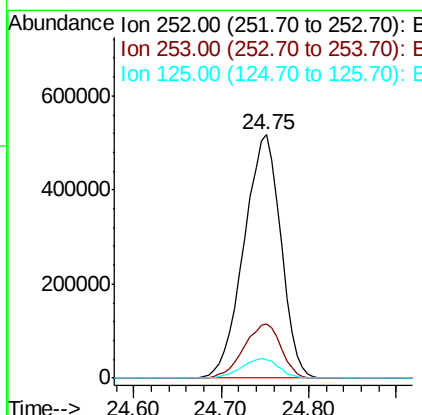
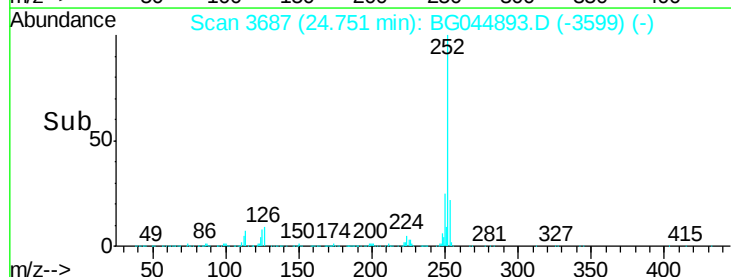
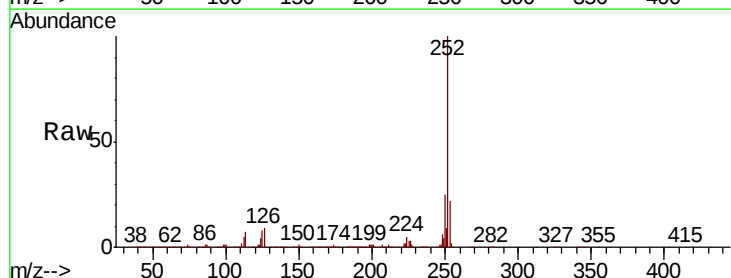
Manual Integrations
APPROVED

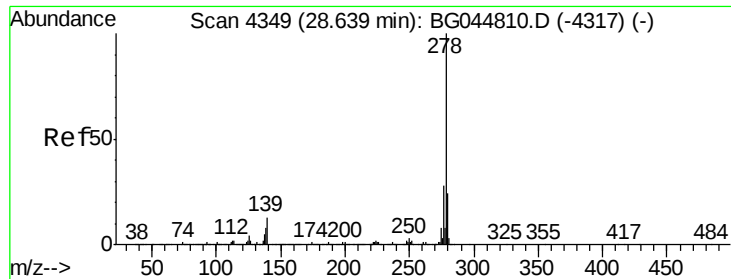
mohammad
3/23/2020 9:39:08 AM



#90
Benzo(a)pyrene
Concen: 46.263 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion:252 Resp: 1484349
Ion Ratio Lower Upper
252 100
253 22.4 19.4 29.0
125 7.6 7.2 10.8





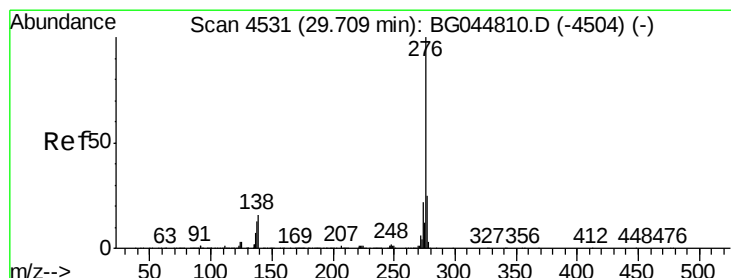
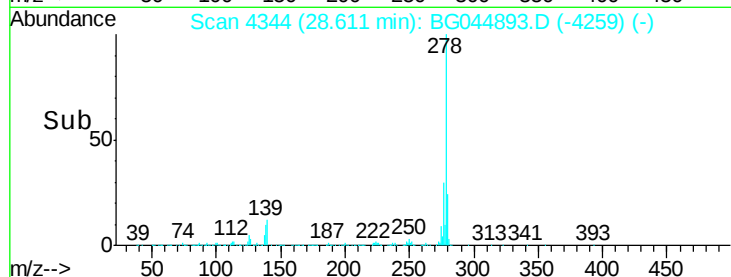
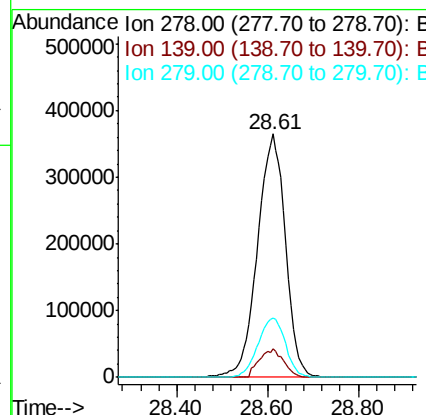
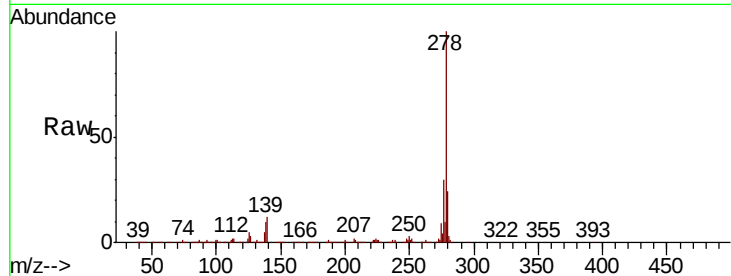
#91
Dibenzo(a,h)anthracene
Concen: 49.384 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.6	10.2	15.2
279	24.5	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/23/2020 9:39:08 AM



#92
Benzo(g,h,i)perylene
Concen: 50.156 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044893.D
Acq: 19 Mar 2020 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.1	30.1
138	15.5	13.0	19.6

