

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044894.D
 Acq On : 19 Mar 2020 12:20
 Operator : CG/JU
 Sample : L1759-15MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Manual Integrations
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mohammad
 3/23/2020 9:39:12 AM

Quant Time: Mar 19 14:50:29 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	8.04	152	74787	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	284175	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	197323	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	471808	20.00	ng	0.00
76) Chrysene-d12	21.69	240	468747	20.00	ng	-0.01
87) Perylene-d12	24.90	264	518310	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	577802	120.27	ng	0.00
7) Phenol-d6	7.20	99	721996	103.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	588457	90.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	411842	159.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1217831	88.38	ng	0.00
79) Terphenyl-d14	20.03	244	2196561	87.65	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	79379	34.311	ng	# 15
3) Pyridine	3.92	79	168891	24.660	ng	99
4) n-Nitrosodimethylamine	3.82	42	104831	40.342	ng	98
6) Aniline	7.37	93	200749	23.113	ng	99
8) 2-Chlorophenol	7.61	128	242300	50.523	ng	97
9) Benzaldehyde	7.17	77	167936	39.323	ng	98
10) Phenol	7.23	94	273081	39.516	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	244021	44.245	ng	99
12) 1,3-Dichlorobenzene	7.94	146	264337	44.744	ng	100
13) 1,4-Dichlorobenzene	8.08	146	264558	45.296	ng	98
14) 1,2-Dichlorobenzene	8.40	146	250079	45.147	ng	96
15) Benzyl Alcohol	8.28	79	256999	45.888	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	356008	36.578	ng	97
17) 2-Methylphenol	8.48	107	215100	45.951	ng	97
18) Hexachloroethane	9.13	117	106107	46.145	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	208463	42.295	ng	98
20) 3+4-Methylphenols	8.81	107	294789	45.683	ng	98
22) Acetophenone	8.86	105	376786	46.802	ng	98
24) Nitrobenzene	9.25	77	312040	46.438	ng	98
25) Isophorone	9.77	82	591961	46.835	ng	98
26) 2-Nitrophenol	9.96	139	135054	56.756	ng	98
27) 2,4-Dimethylphenol	10.01	122	230485	55.997	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	331099	43.896	ng	98
29) 2,4-Dichlorophenol	10.50	162	248600	51.710	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	270236	47.010	ng	93
31) Naphthalene	10.90	128	751225	47.721	ng	99
32) Benzoic acid	10.15	122	123100	40.327	ng	98
33) 4-Chloroaniline	11.00	127	46818	6.601	ng	94
34) Hexachlorobutadiene	11.20	225	179537	47.493	ng	99
35) Caprolactam	11.77	113	64045m	35.185	ng	
36) 4-Chloro-3-methylphenol	12.12	107	289302	50.456	ng	97
37) 2-Methylnaphthalene	12.51	142	560244	47.577	ng	98
38) 1-Methylnaphthalene	12.72	142	526633	47.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	295789	45.517	ng	99

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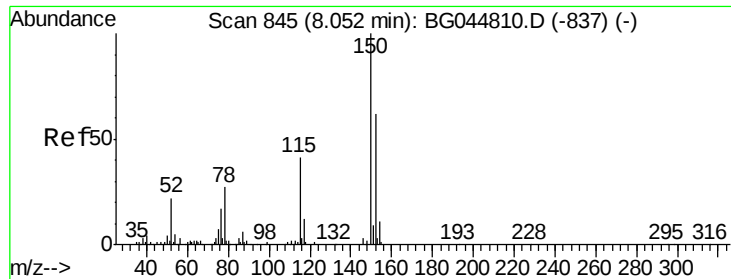
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	361095	101.676	nq	100
43) 2,4,6-Trichlorophenol	13.11	196	222771	51.655	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	238856	53.405	nq	93
46) 1,1'-Biphenyl	13.51	154	711921	45.148	nq	99
47) 2-Chloronaphthalene	13.55	162	538589	44.712	nq	97
48) 2-Nitroaniline	13.75	65	208274	49.387	nq	99
49) Acenaphthylene	14.40	152	911218	48.285	nq	99
50) Dimethylphthalate	14.13	163	810960	51.601	nq	98
51) 2,6-Dinitrotoluene	14.24	165	176888	55.839	nq	98
52) Acenaphthene	14.74	154	662361	53.593	nq	99
53) 3-Nitroaniline	14.57	138	88237	24.227	nq	97
54) 2,4-Dinitrophenol	14.77	184	193232	112.910	nq	91
55) Dibenzofuran	15.07	168	879669	49.082	nq	98
56) 4-Nitrophenol	14.88	139	270456	97.302	nq	95
57) 2,4-Dinitrotoluene	15.03	165	244177	56.202	nq	98
58) Fluorene	15.73	166	719484	48.801	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	232736	56.521	nq	95
60) Diethylphthalate	15.50	149	794547	48.473	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	385257	48.530	nq	99
62) 4-Nitroaniline	15.73	138	182381	46.962	nq	92
63) Azobenzene	16.01	77	779132	45.772	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144996	62.520	nq	94
66) n-Nitrosodiphenylamine	15.93	169	666936	46.952	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	278126	47.154	nq	99
68) Hexachlorobenzene	16.74	284	298990	46.725	nq	97
69) Atrazine	16.88	200	277130	53.251	nq	100
70) Pentachlorophenol	17.07	266	390485	110.908	nq	99
71) Phenanthrene	17.47	178	1214924	48.187	nq	99
72) Anthracene	17.55	178	1243758	50.028	nq	99
73) Carbazole	17.82	167	1178260	49.339	nq	99
74) Di-n-butylphthalate	18.39	149	1388893	47.844	nq	99
75) Fluoranthene	19.47	202	1542131	51.370	nq	98
77) Benzidine	19.64	184	391250	25.711	nq	99
78) Pyrene	19.83	202	1536713	44.684	nq	98
80) Butylbenzylphthalate	20.72	149	675359	44.142	nq	98
81) Benzo(a)anthracene	21.67	228	1518352	44.984	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	251131	19.232	nq	98
83) Chrysene	21.74	228	1445192	44.823	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	928084	43.953	nq	99
85) Di-n-octyl phthalate	22.81	149	1581424	44.756	nq	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1952289	46.186	nq	# 97
88) Benzo(b)fluoranthene	23.88	252	1653695	48.329	nq	98
89) Benzo(k)fluoranthene	23.95	252	1558238	48.121	nq	99
90) Benzo(a)pyrene	24.74	252	1502194	46.918	nq	97
91) Dibenzo(a,h)anthracene	28.62	278	1575829	49.888	nq	96
92) Benzo(g,h,i)perylene	29.69	276	1633470	51.184	nq	98

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



#1

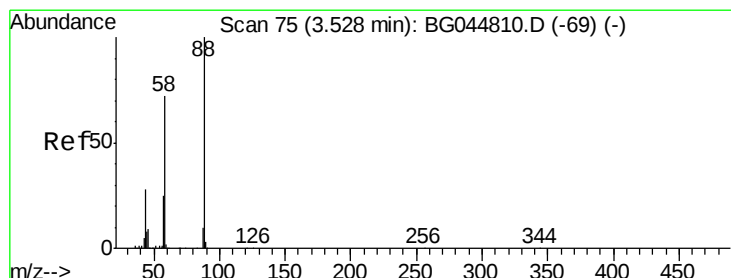
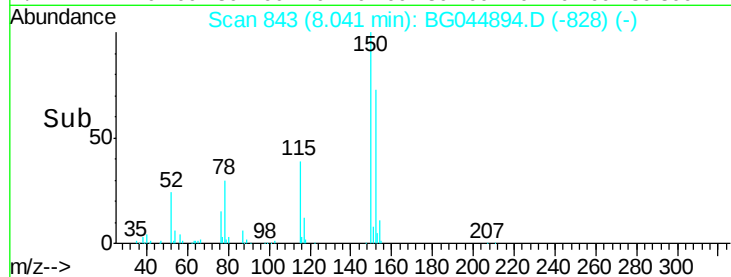
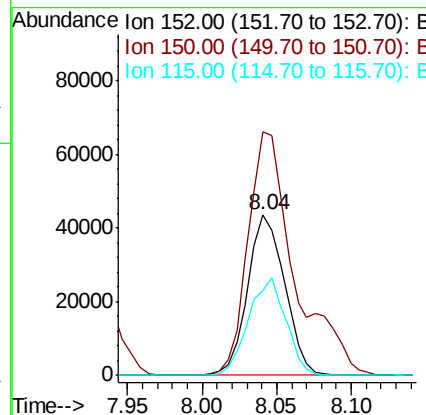
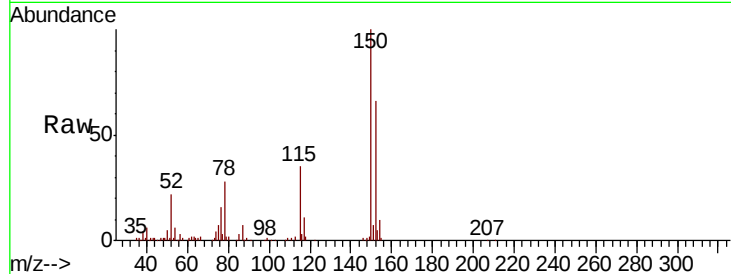
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	128.8	193.2
115	53.1	52.6	79.0

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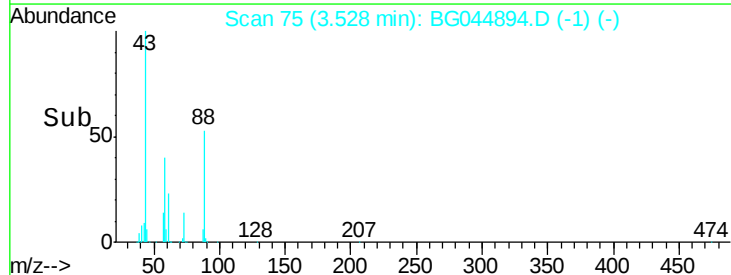
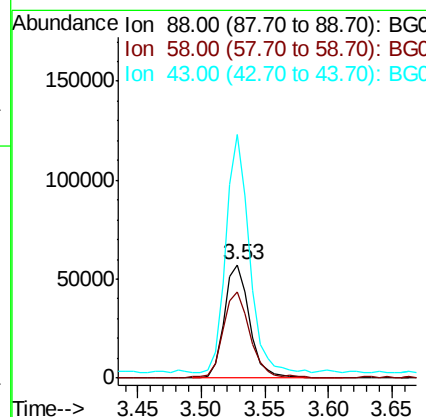
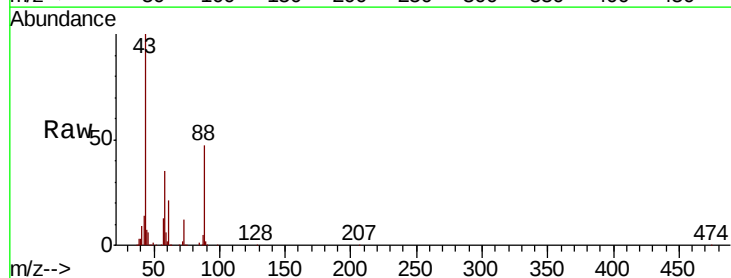
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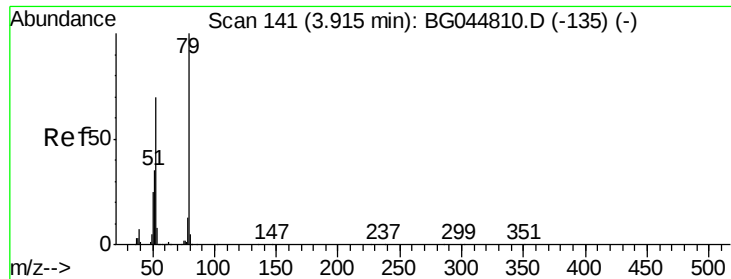


#2

1,4-Dioxane
Concen: 34.311 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	63.0	94.4
43	191.9	24.8	37.2#





#3

Pvridine

Concen: 24.660 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

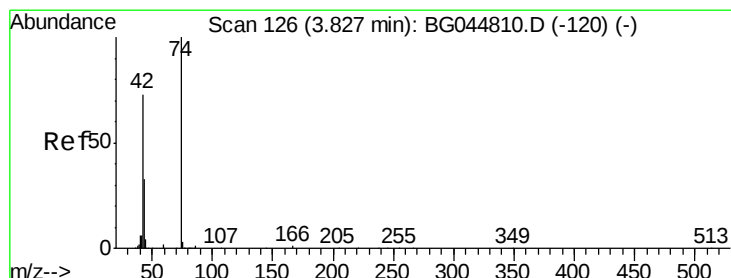
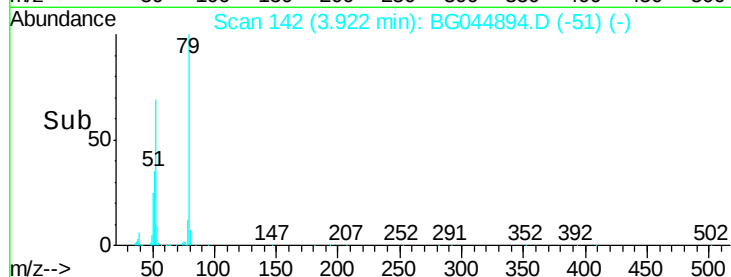
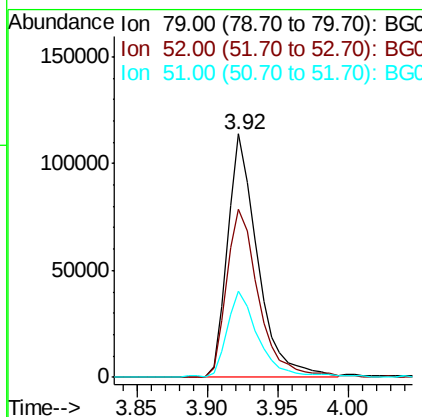
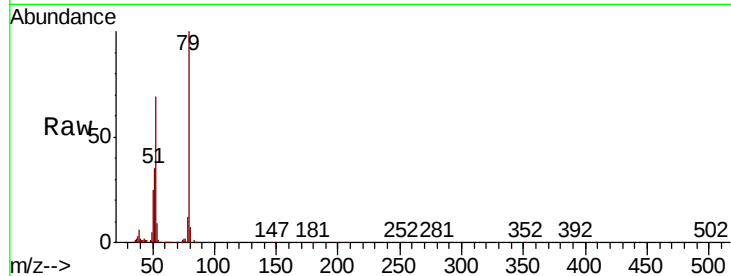
ClientSampleId :

OR-02-031620MSD

Tot Ion:	79	Resp:	168891
Ion Ratio	Lower	Upper	
79	100		
52	69.1	56.3	84.5
51	35.2	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 40.342 ng

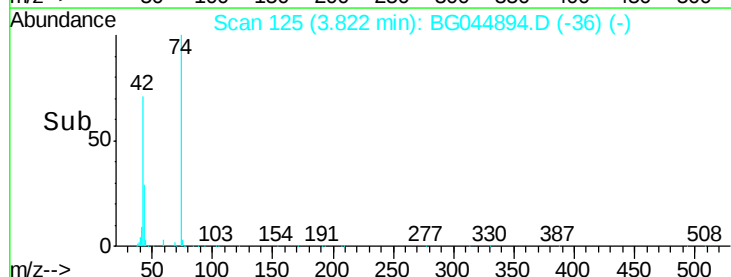
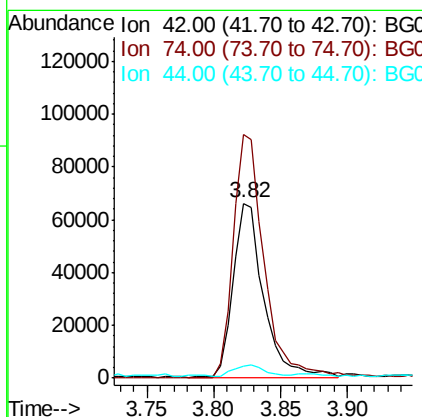
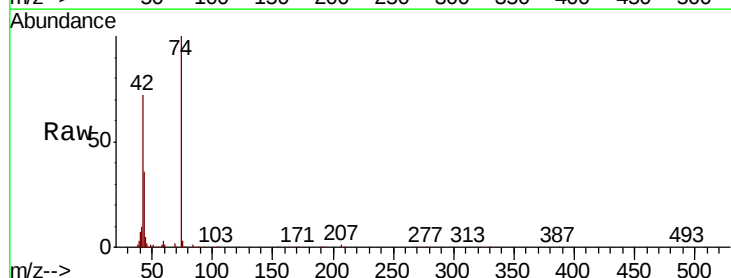
RT: 3.82 min Scan# 125

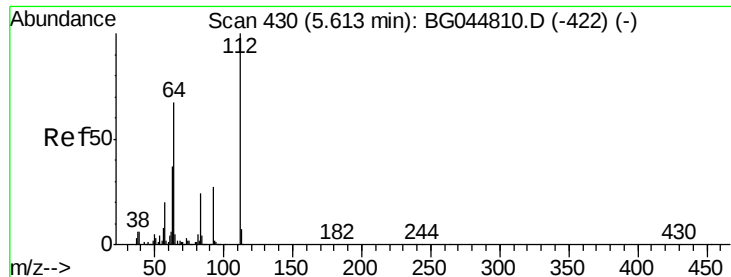
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	42	Resp:	104831
Ion Ratio	Lower	Upper	
42	100		
74	139.3	109.1	163.7
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 120.270 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

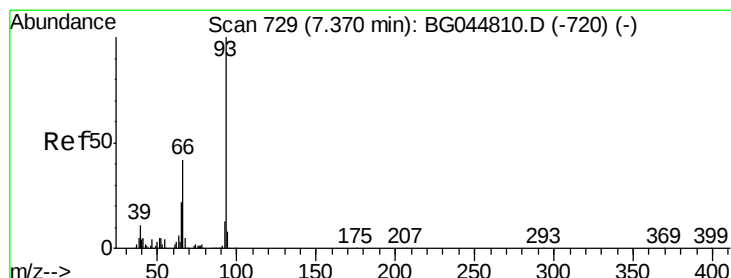
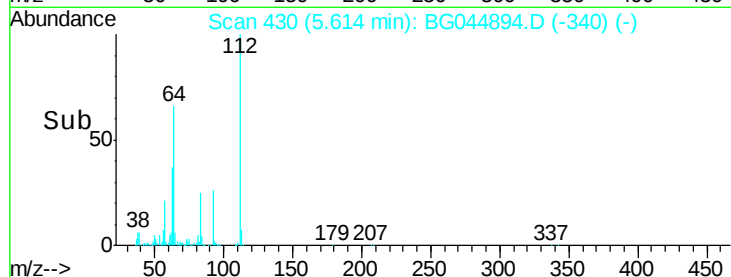
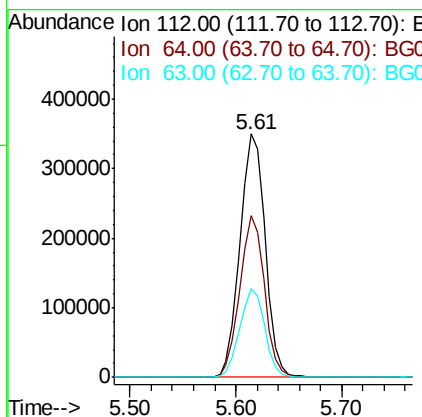
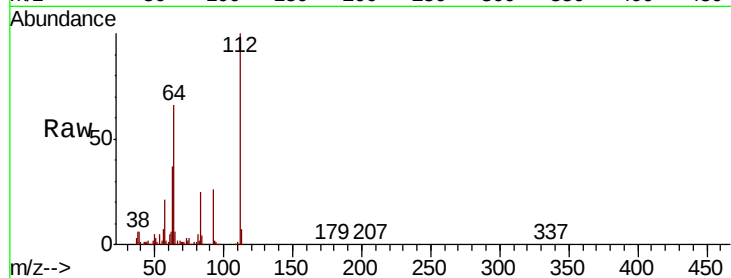
ClientSampleId :

OR-02-031620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		577802		
64	66.4	53.4	80.2		
63	36.5	29.4	44.2		

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#6

Aniline

Concen: 23.113 ng

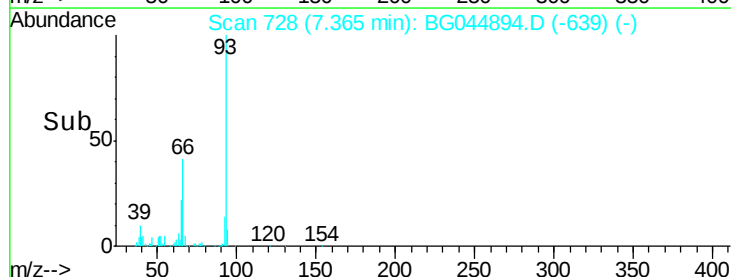
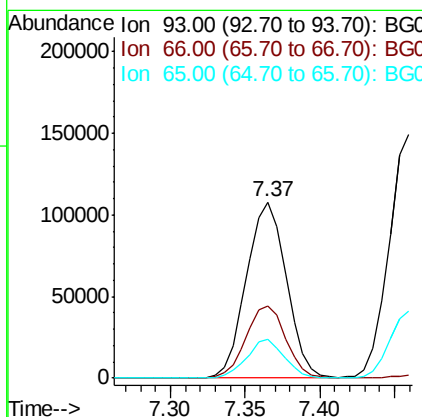
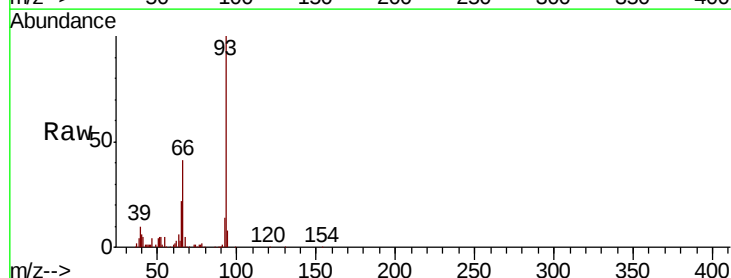
RT: 7.37 min Scan# 728

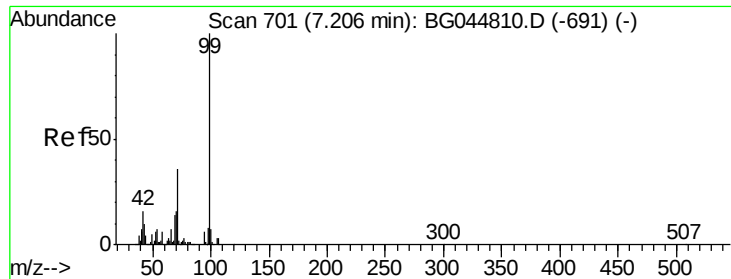
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		200749		
66	41.1	33.7	50.5		
65	21.9	17.7	26.5		





#7

Phenol-d6

Concen: 103.435 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

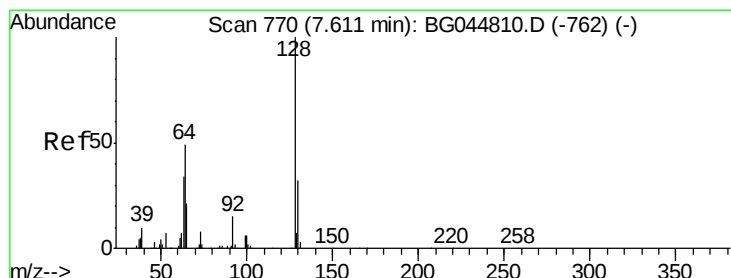
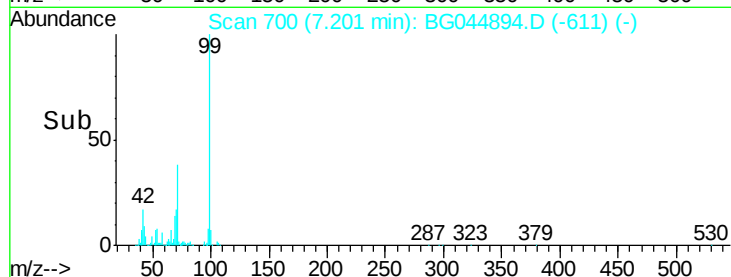
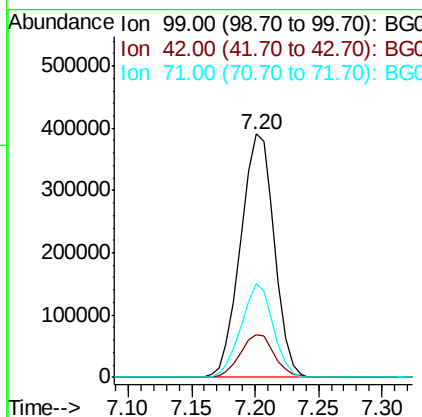
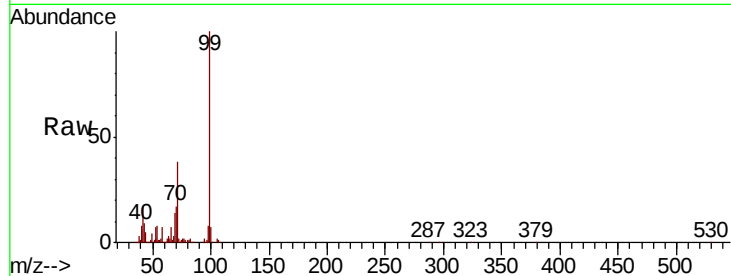
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		721996		
42	17.4	12.6	19.0		
71	38.3	29.0	43.4		

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#8

2-Chlorophenol

Concen: 50.523 ng

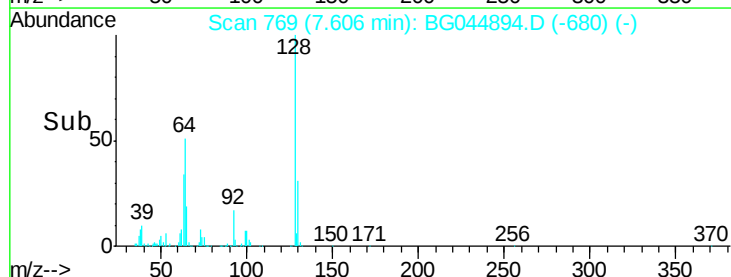
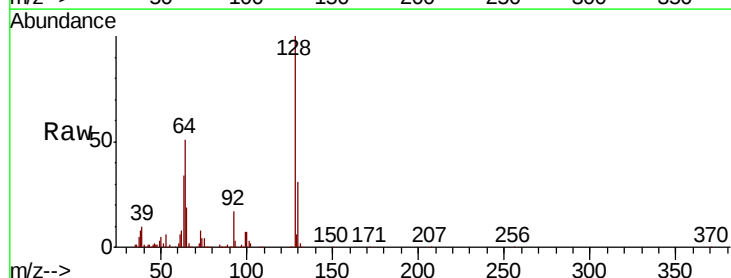
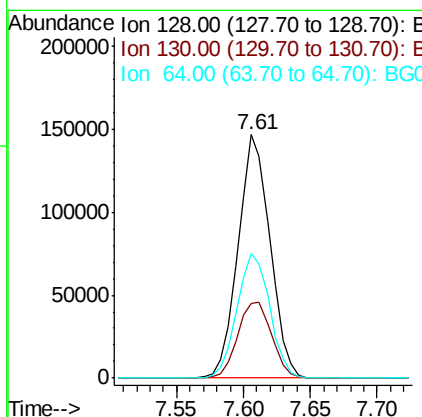
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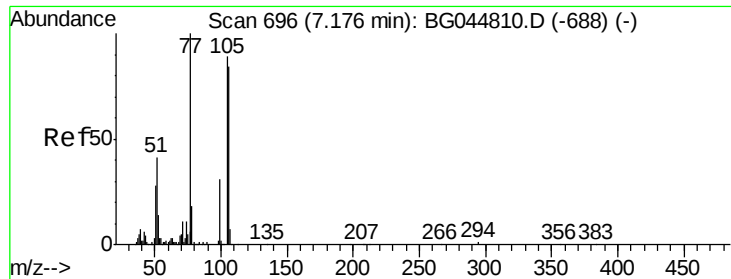
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		242300		
130	30.9	11.6	51.6		
64	51.1	34.5	74.5		





#9

Benzaldehyde

Concen: 39.323 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

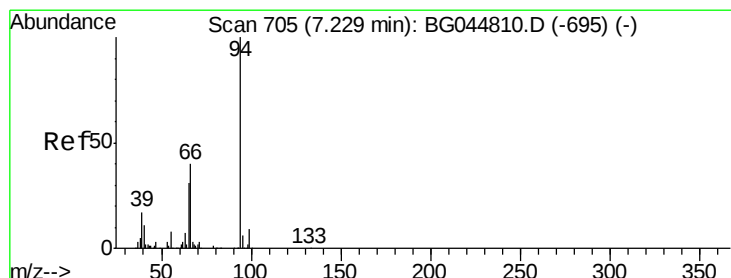
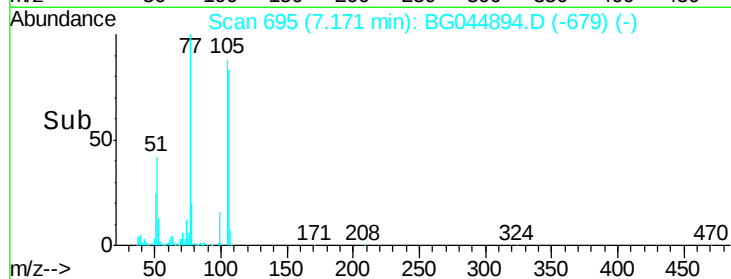
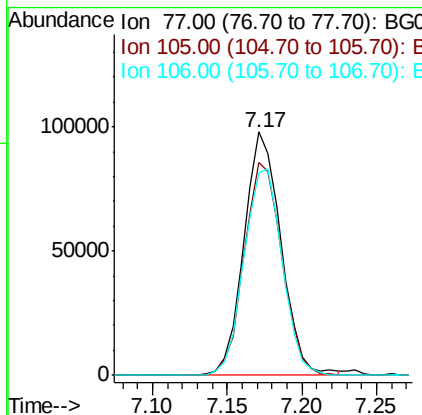
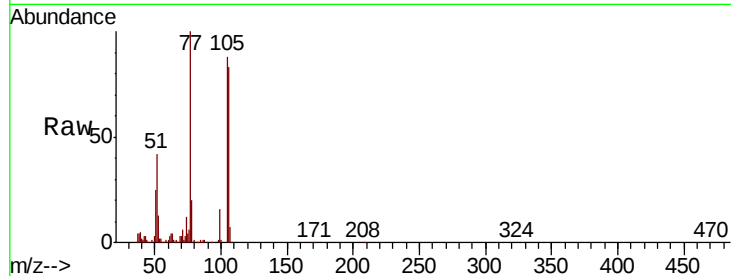
ClientSampleId :

OR-02-031620MSD

Tot Ion:	77	Resp:	167936
Ion Ratio	Lower	Upper	
77	100		
105	87.6	69.3	109.3
106	83.3	64.5	104.5

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#10

Phenol

Concen: 39.516 ng

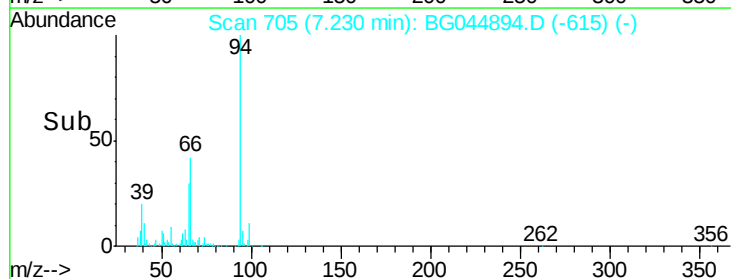
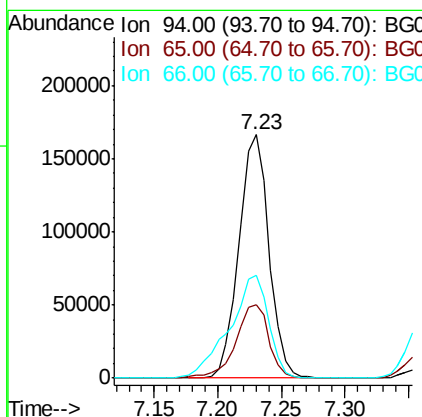
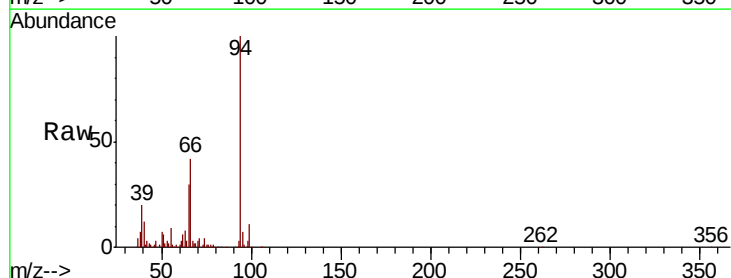
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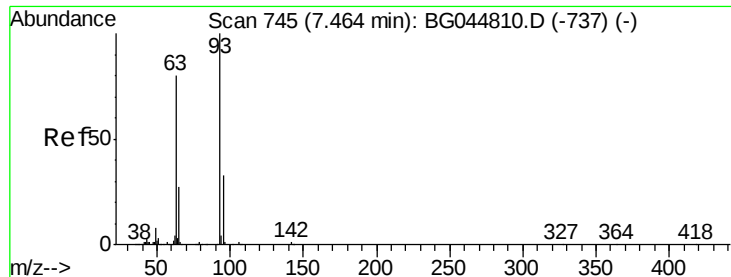
Delta R.T. 0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	94	Resp:	273081
Ion Ratio	Lower	Upper	
94	100		
65	30.2	11.0	51.0
66	42.3	20.1	60.1





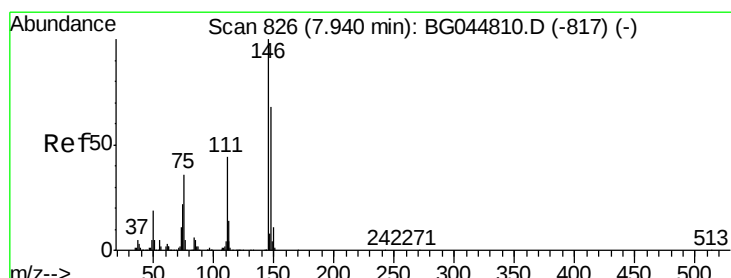
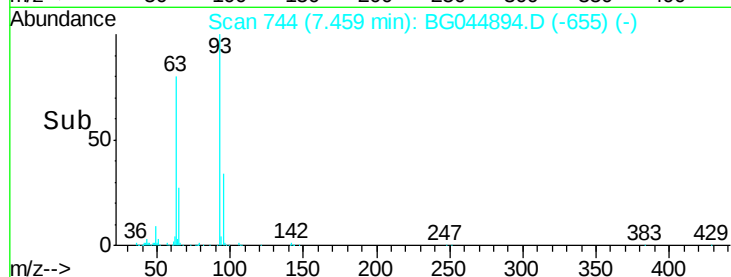
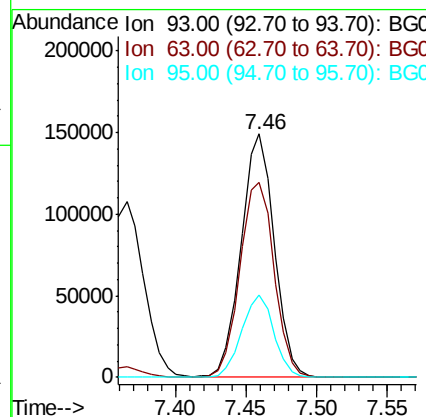
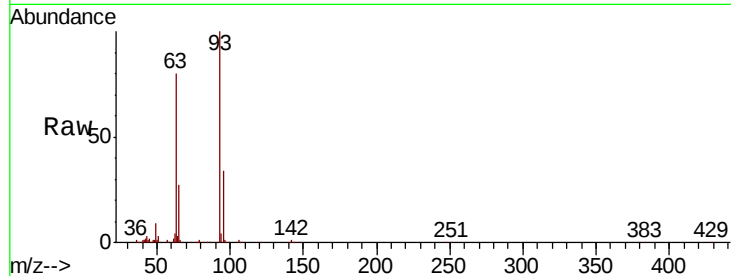
#11
bis(2-Chloroethyl)ether
Concen: 44.245 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	59.7	99.7
95	33.9	13.1	53.1

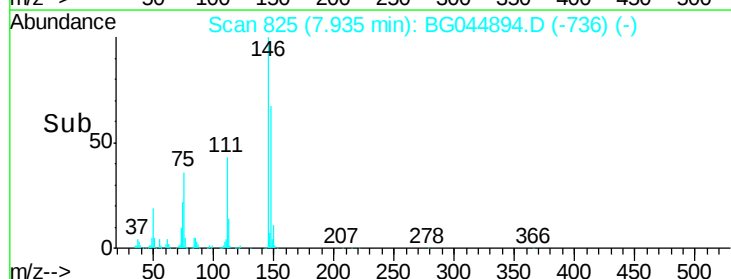
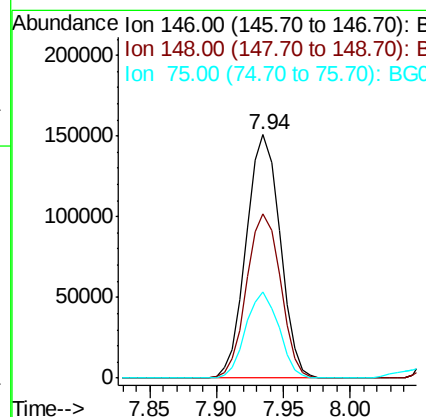
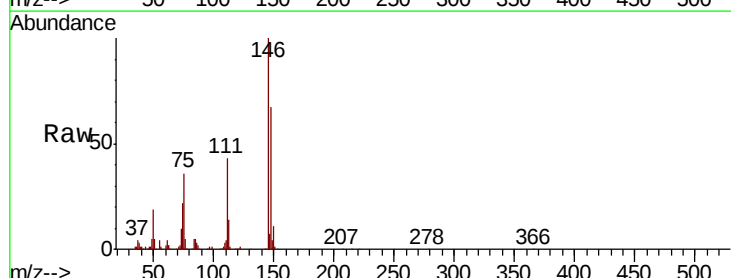
Manual Integrations
APPROVED

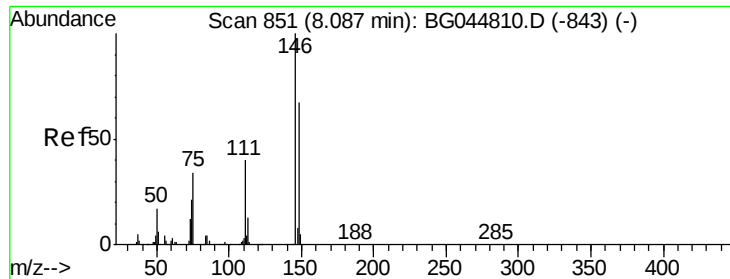
mohammad
3/23/2020 9:39:12 AM



#12
1,3-Dichlorobenzene
Concen: 44.744 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	54.2	81.4
75	35.6	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 45.296 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

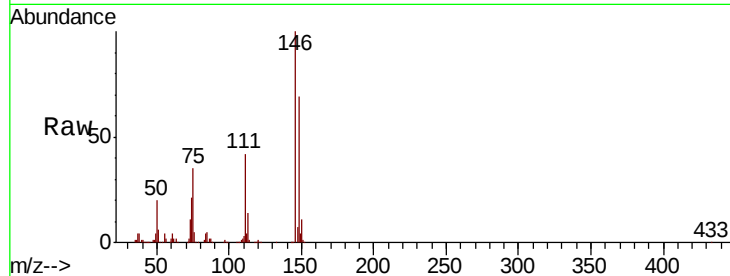
ClientSampleId :

OR-02-031620MSD

Tot Ion:	146	Resp:	264558
Ion Ratio	Lower	Upper	
146	100		
148	68.6	53.8	80.6
111	42.1	32.0	48.0

Manual Integrations
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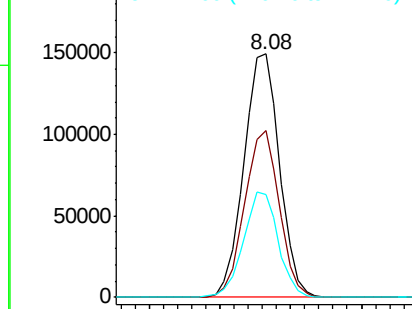


Abundance

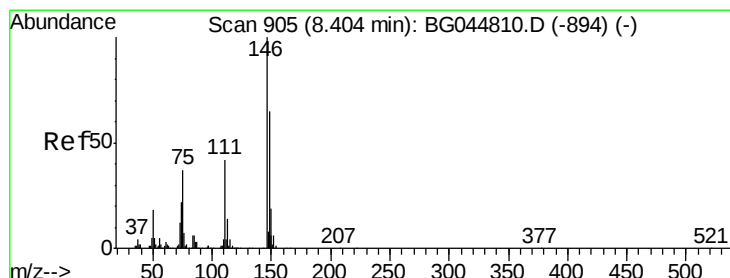
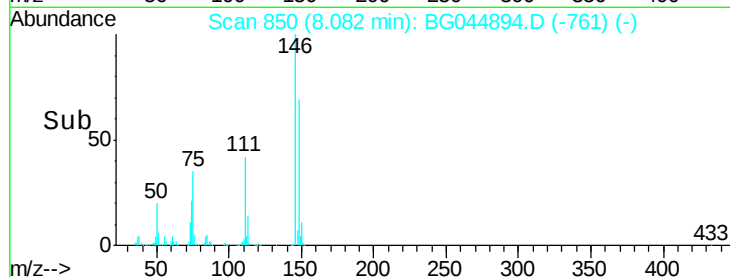
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 45.147 ng

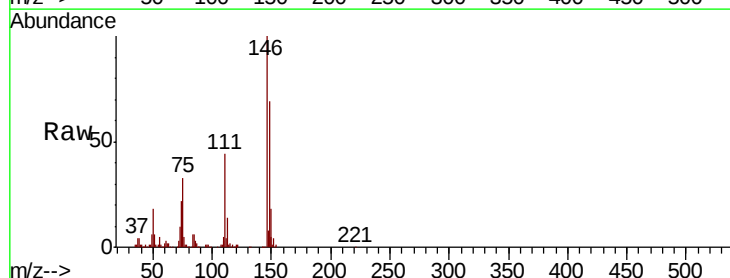
RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	146	Resp:	250079
Ion Ratio	Lower	Upper	
146	100		
148	68.7	52.1	78.1
111	43.7	33.4	50.2

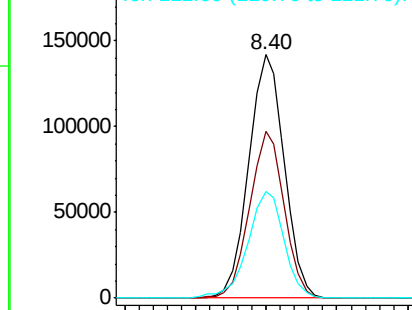


Abundance

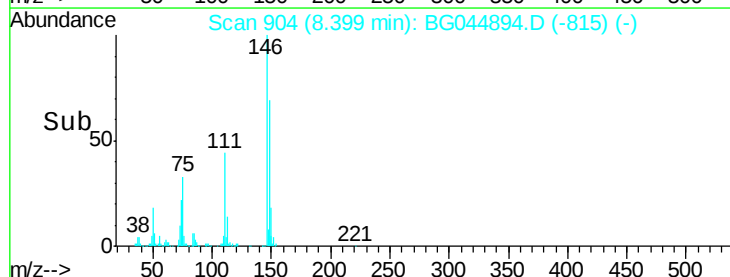
Ion 146.00 (145.70 to 146.70): E

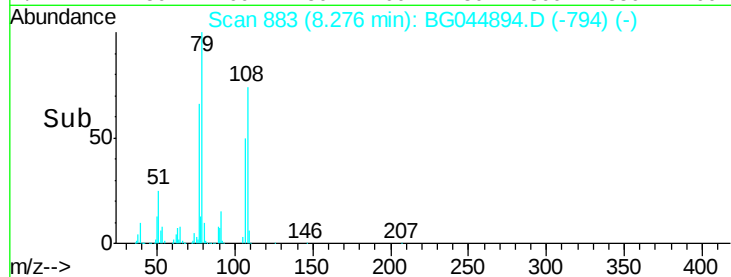
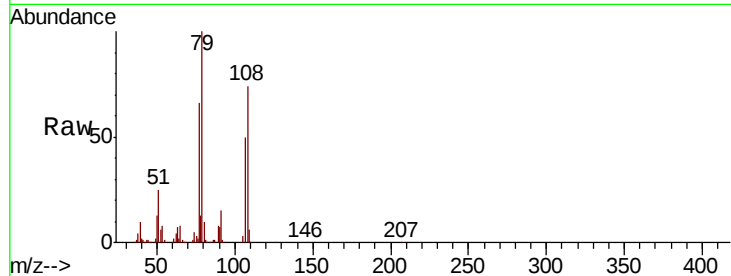
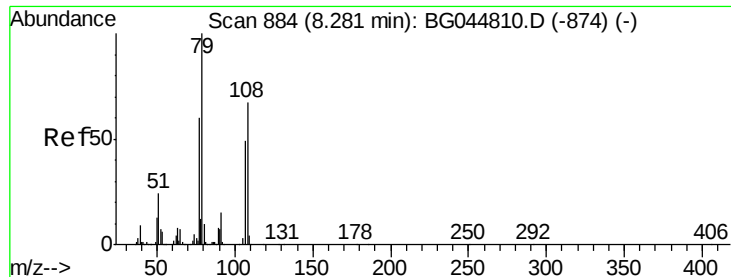
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





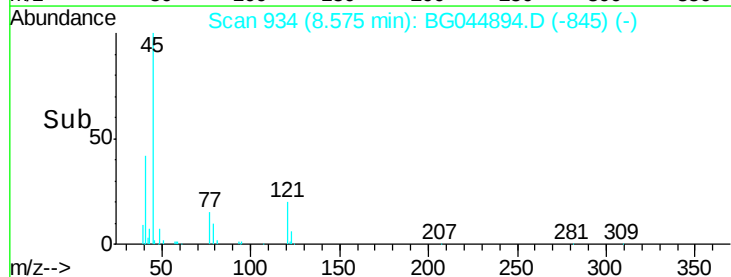
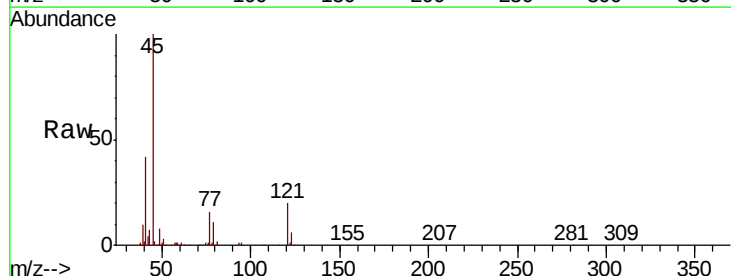
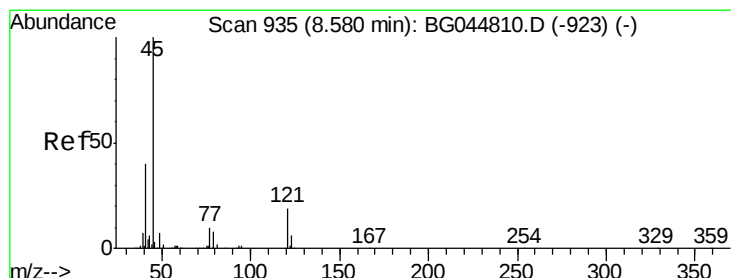
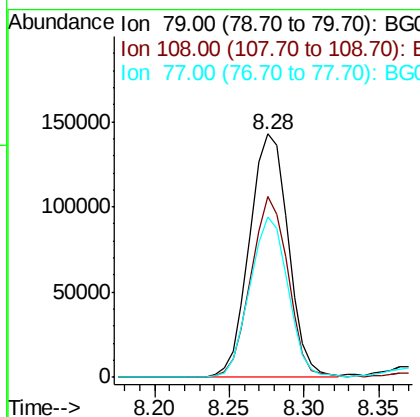
#15
Benzyl Alcohol
Concen: 45.888 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tot Ion	Ratio	Resp	Lower	Upper
79	100	256999		
108	74.1		53.8	80.8
77	65.9		47.8	71.8

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

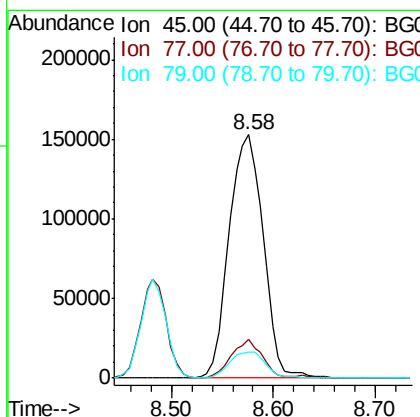
Manual Integrations
APPROVED

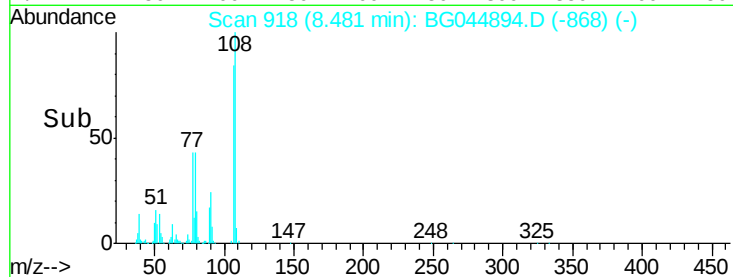
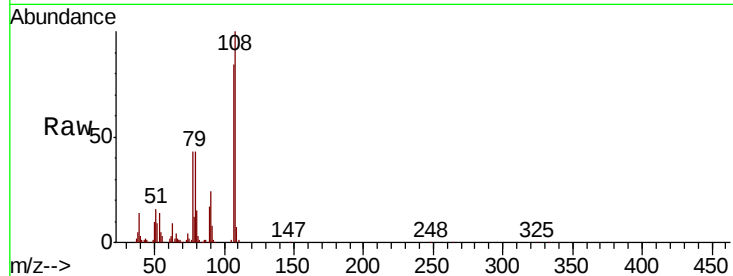
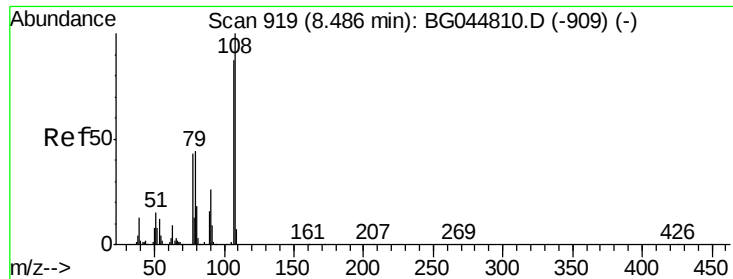
mohammad
3/23/2020 9:39:12 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.578 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	356008		
77	15.7		0.0	33.9
79	10.7		0.0	30.8





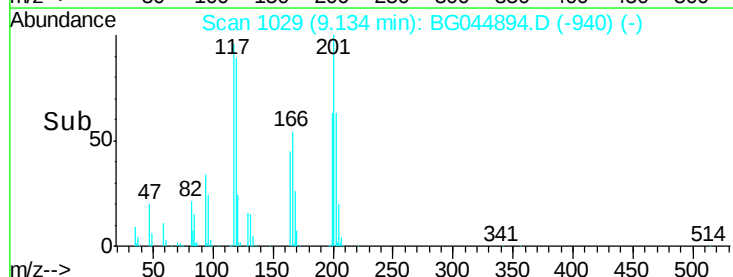
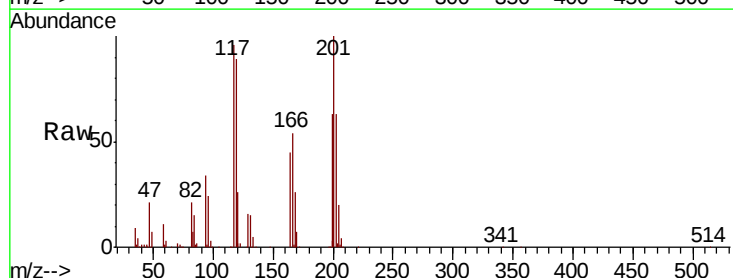
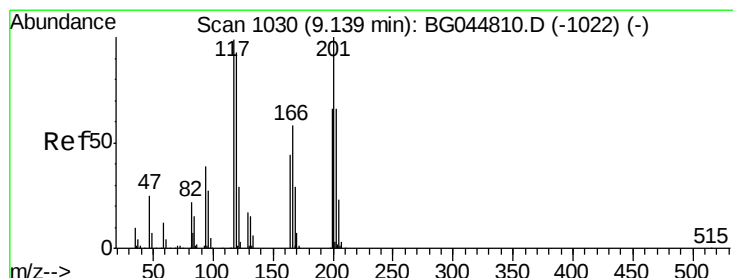
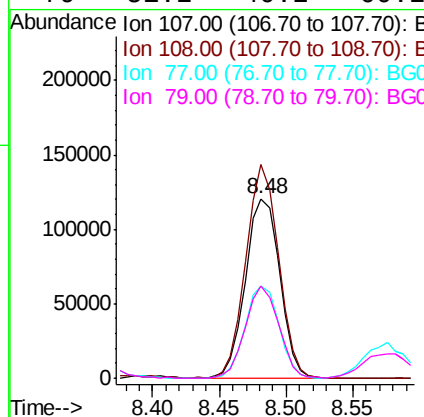
#17
2-Methylphenol
Concen: 45.951 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.8	91.8	137.8	
77	51.5	40.0	60.0	
79	51.2	40.2	60.2	

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

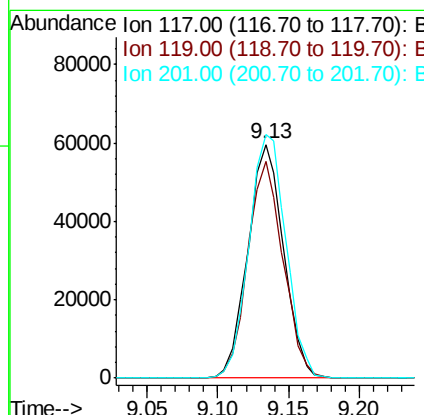
Manual Integrations
APPROVED

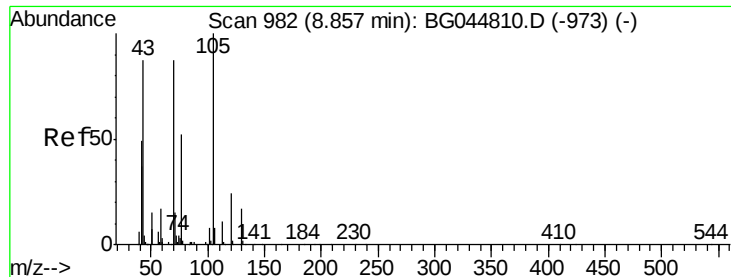
mohammad
3/23/2020 9:39:12 AM



#18
Hexachloroethane
Concen: 46.145 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	75.2	112.8	
201	104.1	81.1	121.7	





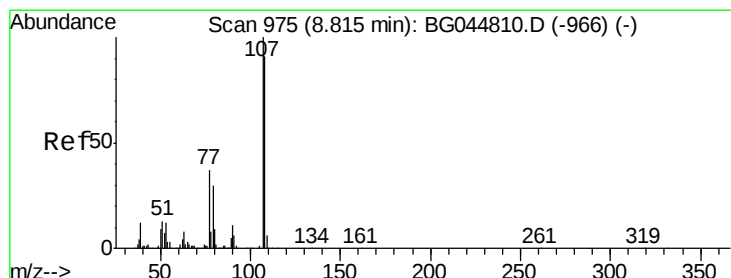
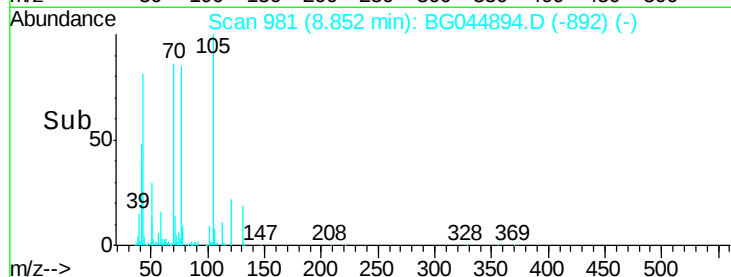
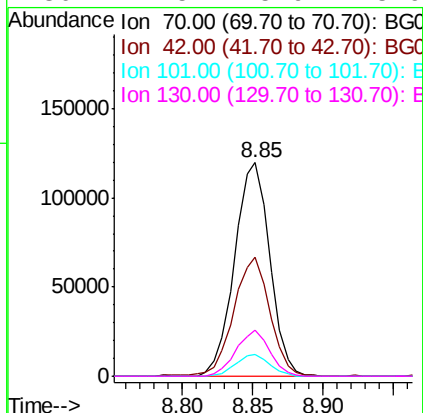
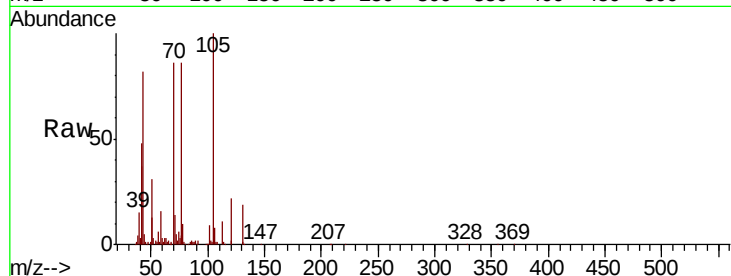
#19
n-Nitroso-di-n-propylamine
Concen: 42.295 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	45.7	68.5
101	10.1	7.4	11.2
130	21.5	15.9	23.9

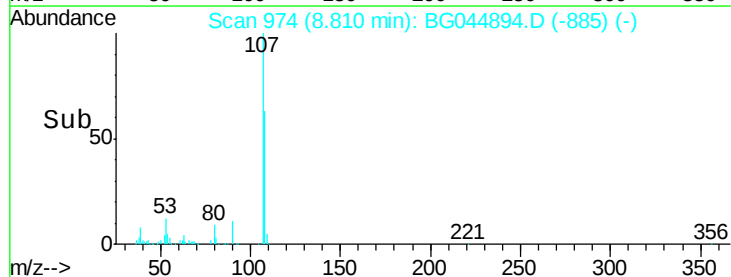
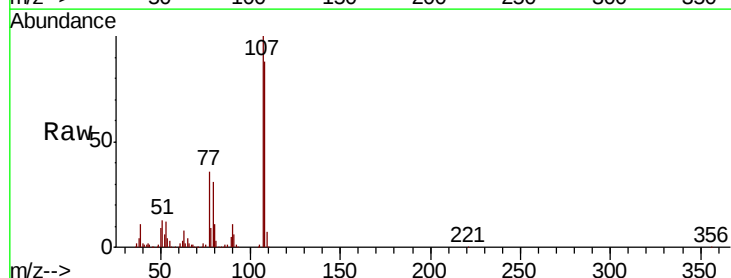
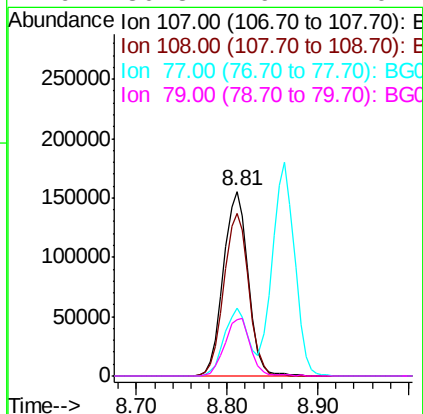
Manual Integrations
APPROVED

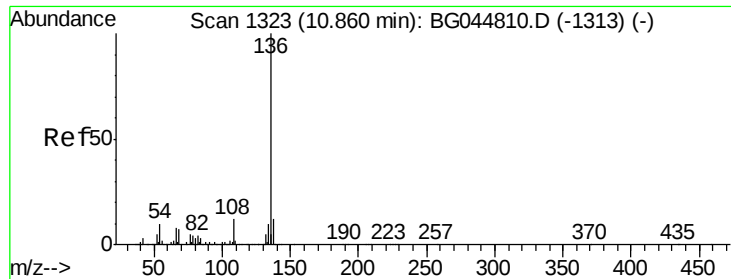
mohammad
3/23/2020 9:39:12 AM



#20
3+4-Methylphenols
Concen: 45.683 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.3	111.3
77	36.5	16.9	56.9
79	30.8	9.7	49.7





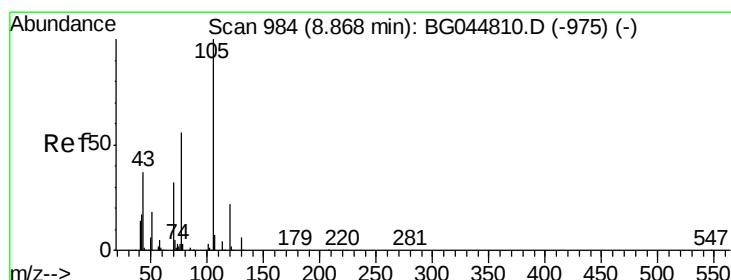
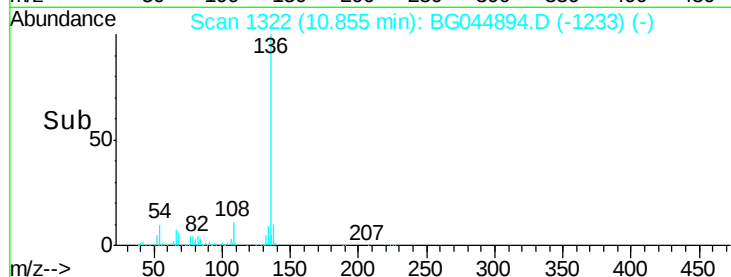
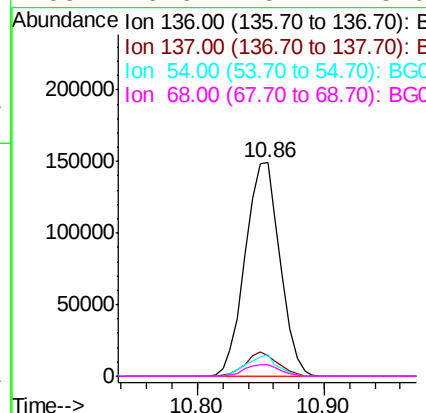
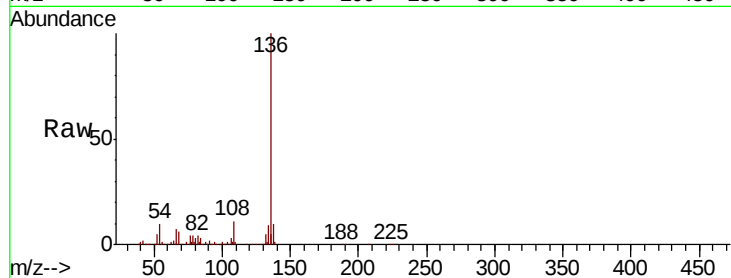
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284175		
137	9.9		9.8	14.6
54	10.2		7.9	11.9
68	5.6		5.4	8.0

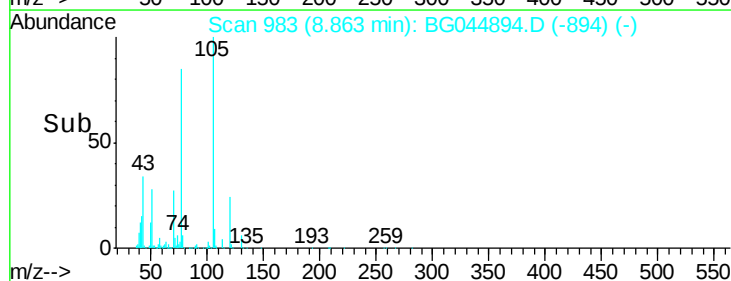
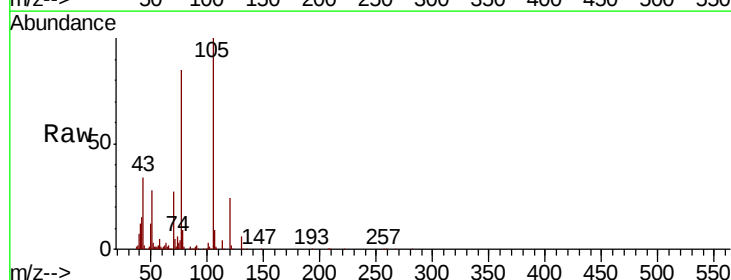
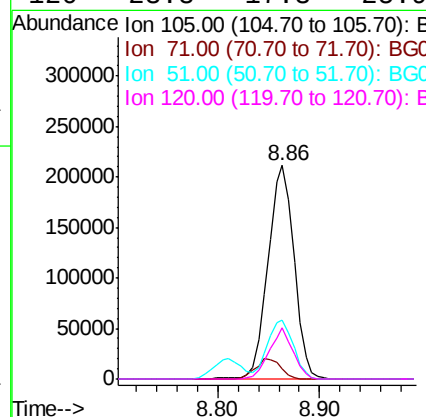
Manual Integrations
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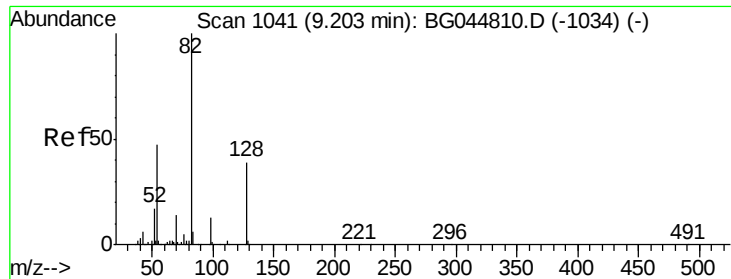
mohammad
3/23/2020 9:39:12 AM



#22
Acetophenone
Concen: 46.802 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	376786		
71	4.7		3.9	5.9
51	27.7		22.6	33.8
120	23.8		17.3	25.9





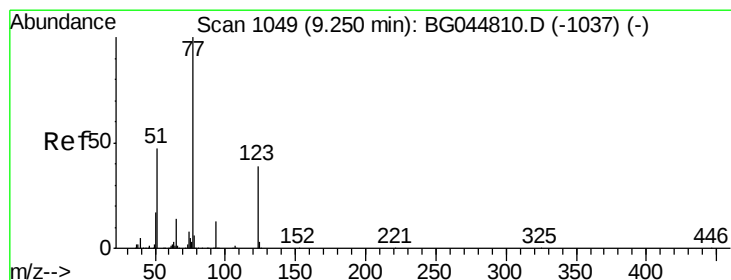
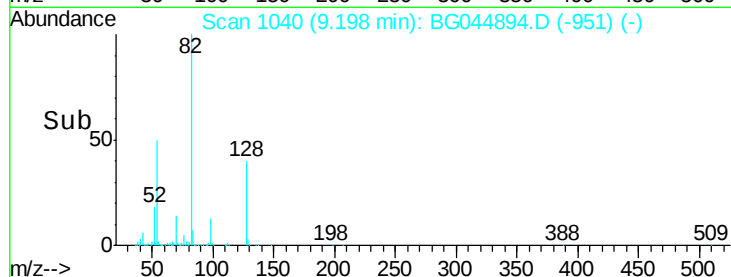
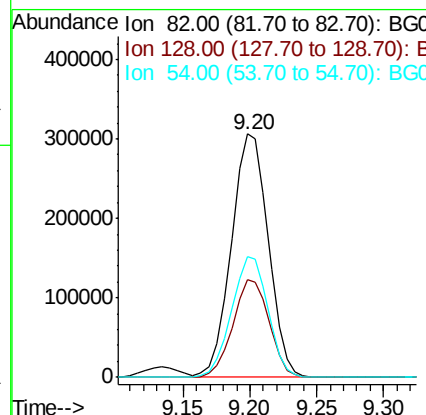
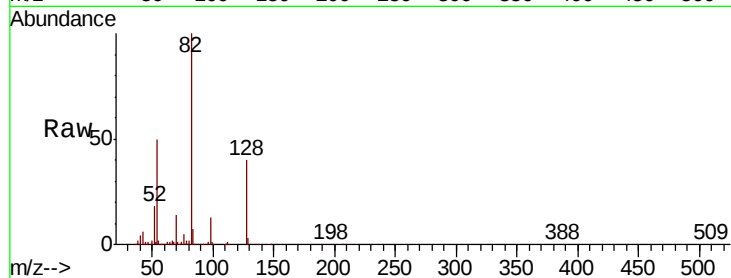
#23
 Nitrobenzene-d5
 Concen: 90.868 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	82	Resp	588457
Ion Ratio	100	Lower	Upper
82	100		
128	40.3	30.6	46.0
54	49.8	37.1	55.7

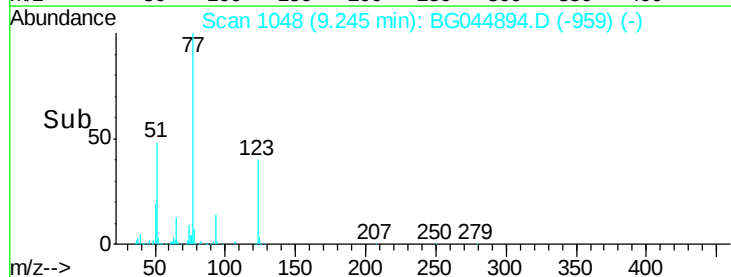
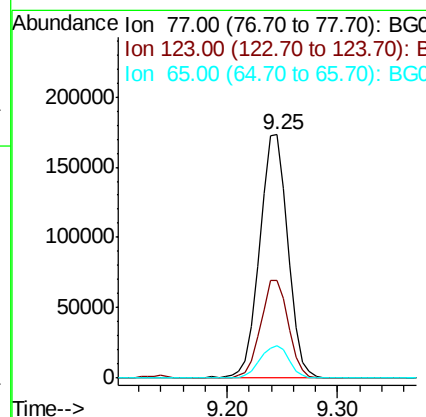
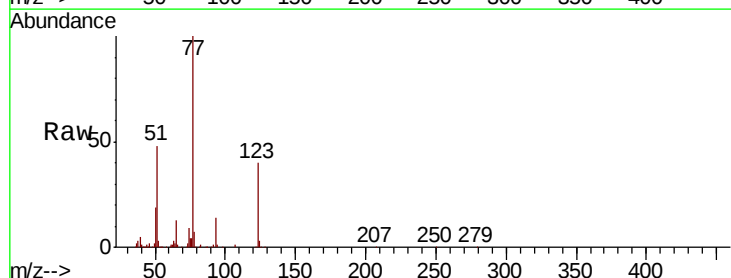
Manual Integrations
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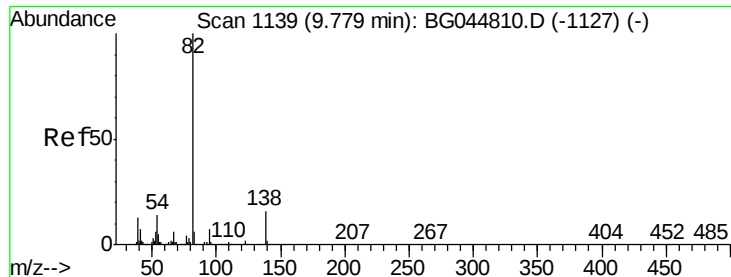
mohammad
 3/23/2020 9:39:12 AM



#24
 Nitrobenzene
 Concen: 46.438 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	77	Resp	312040
Ion Ratio	100	Lower	Upper
77	100		
123	39.9	31.3	46.9
65	13.3	11.4	17.0





#25

Isophorone

Concen: 46.835 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

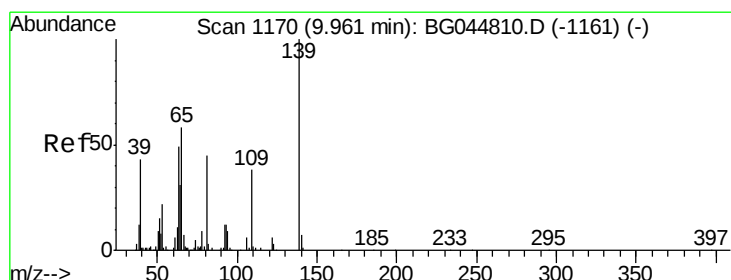
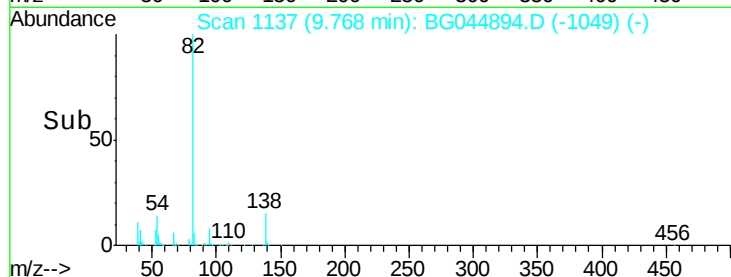
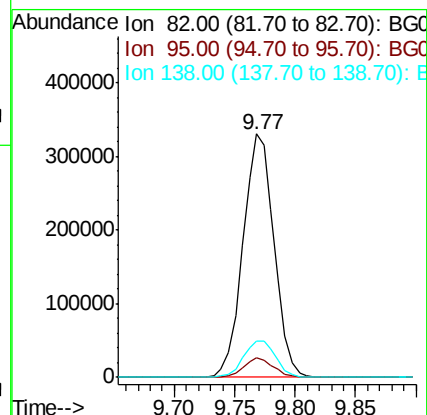
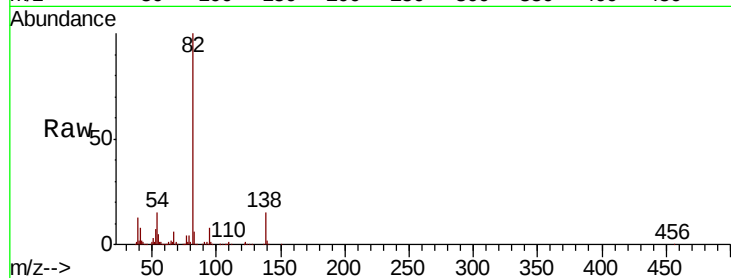
ClientSampleId :

OR-02-031620MSD

Tot Ion:	82	Resp:	591961
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.5	8.3
138	14.8	12.5	18.7

Manual Integrations
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3/23/2020 9:39:12 AM



#26

2-Nitrophenol

Concen: 56.756 ng

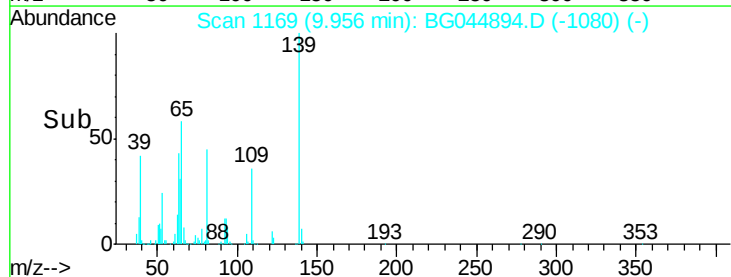
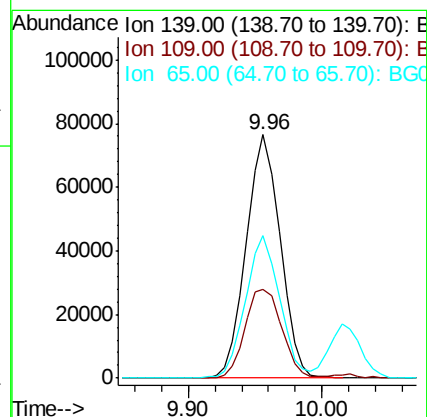
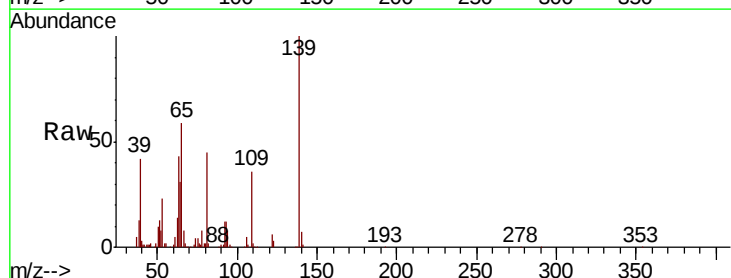
RT: 9.96 min Scan# 1169

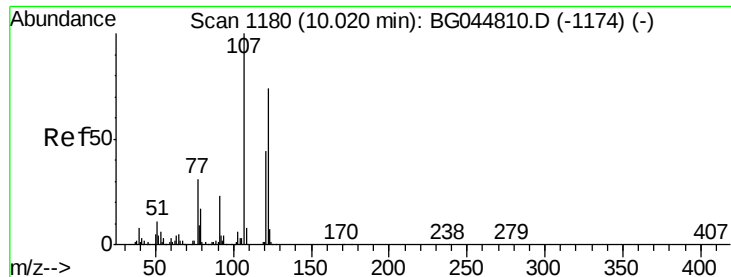
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	139	Resp:	135054
Ion Ratio	Lower	Upper	
139	100		
109	36.2	30.2	45.4
65	58.5	46.3	69.5





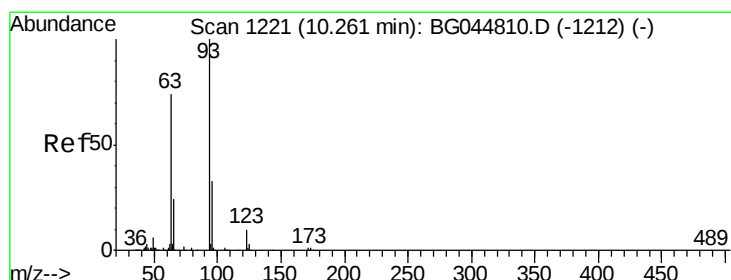
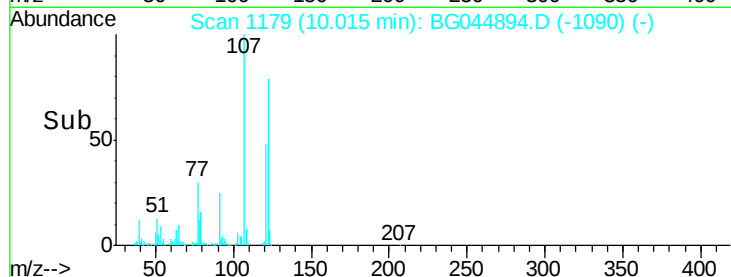
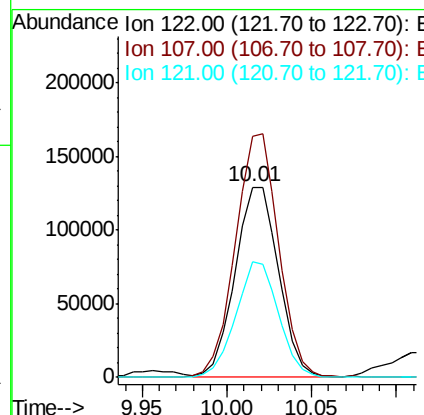
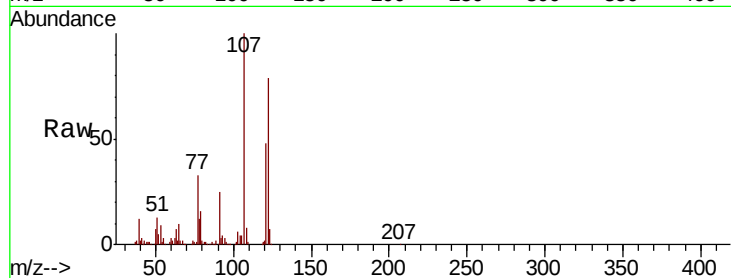
#27
 2,4-Dimethylphenol
 Concen: 55.997 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	230485		
107	126.9		107.1	160.7
121	60.7		46.8	70.2

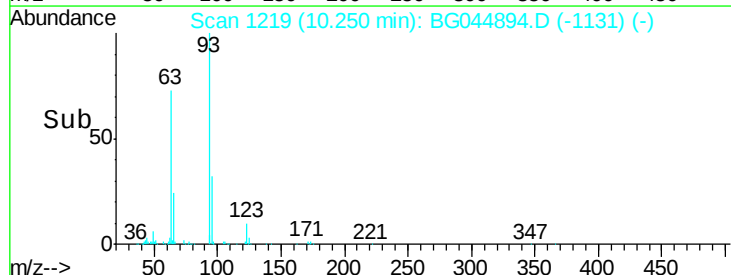
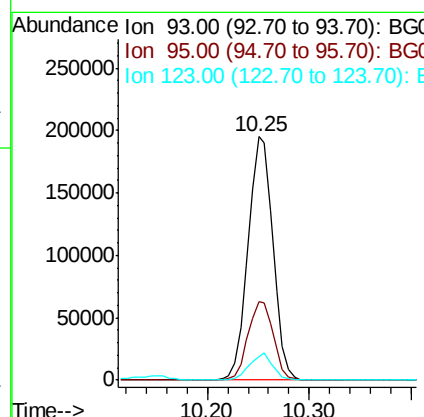
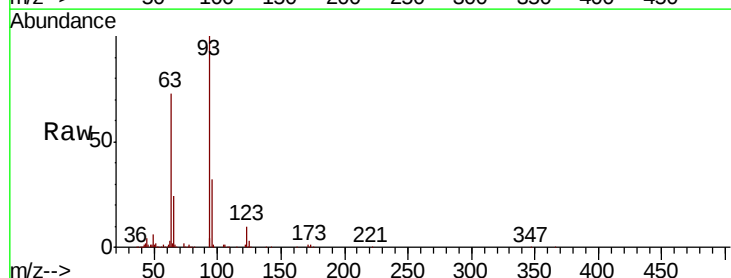
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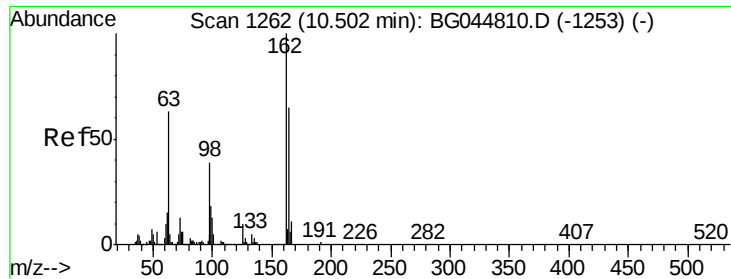
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.896 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	331099		
95	32.3		26.4	39.6
123	9.6		8.4	12.6





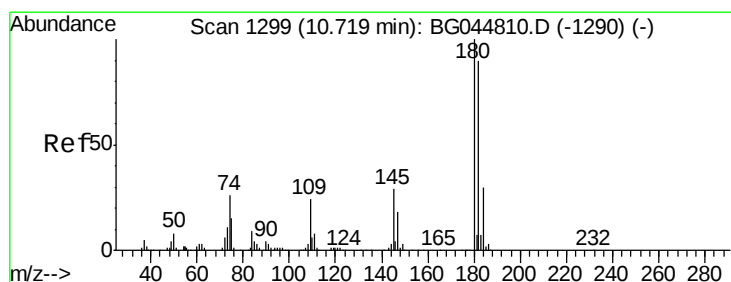
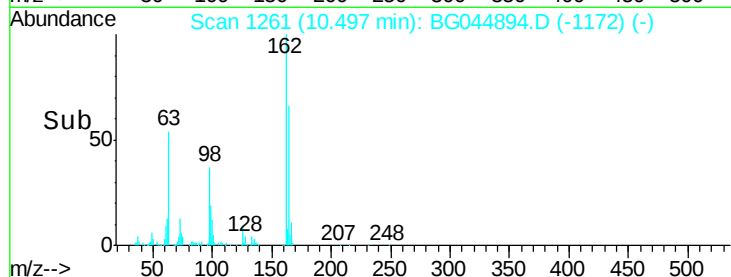
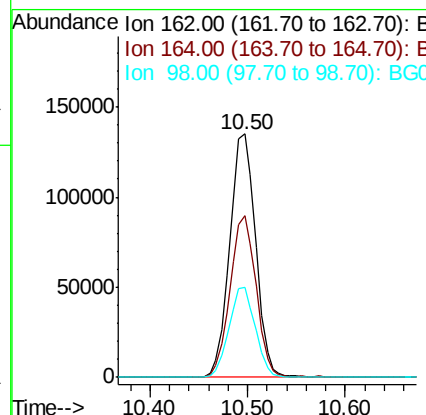
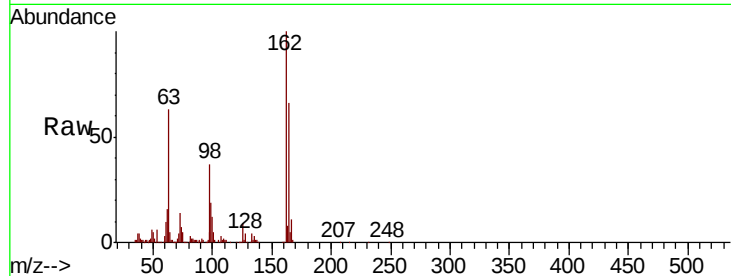
#29
 2,4-Dichlorophenol
 Concen: 51.710 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion:	162	Resp:	248600
Ion Ratio	Lower	Upper	
162	100		
164	66.4	45.2	85.2
98	37.2	19.0	59.0

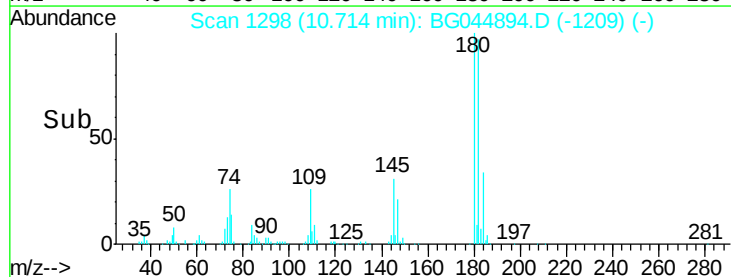
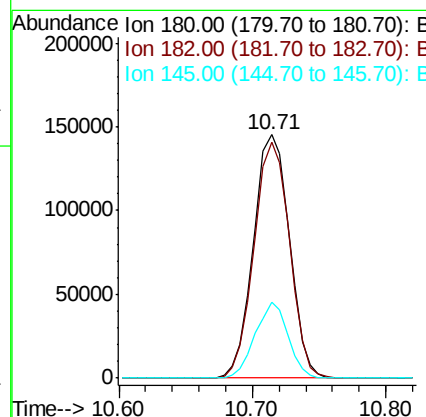
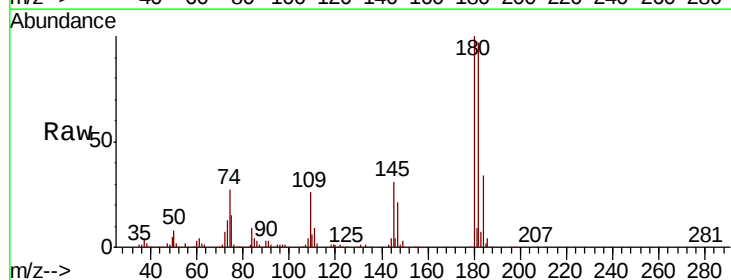
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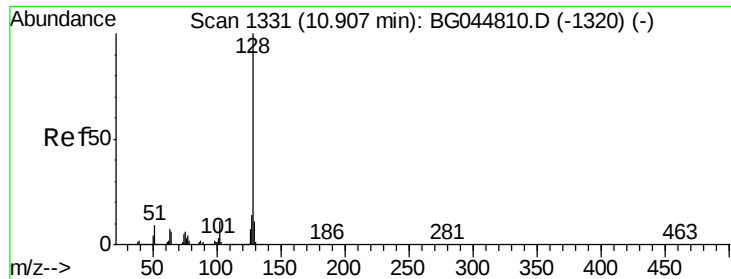
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.010 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion:	180	Resp:	270236
Ion Ratio	Lower	Upper	
180	100		
182	96.7	71.6	107.4
145	31.3	23.4	35.0





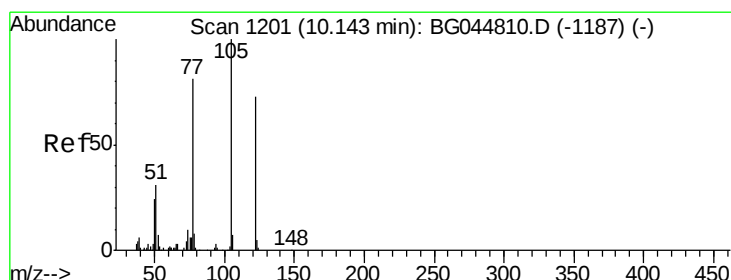
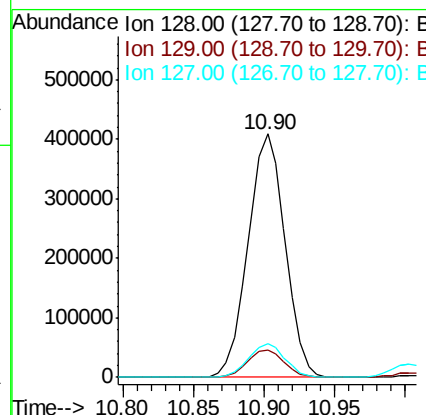
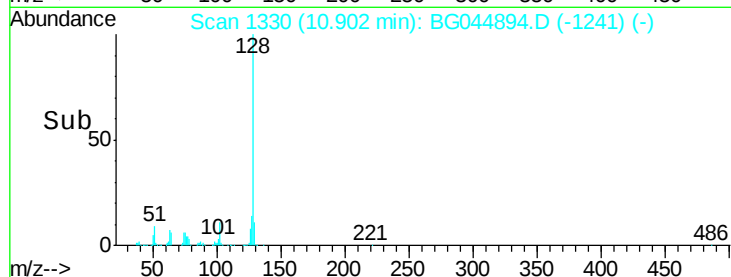
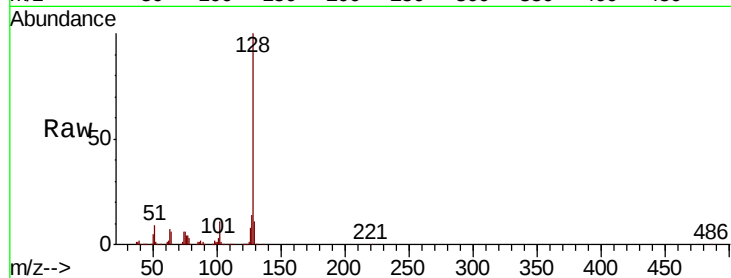
#31
Naphthalene
Concen: 47.721 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.9	10.8	16.2

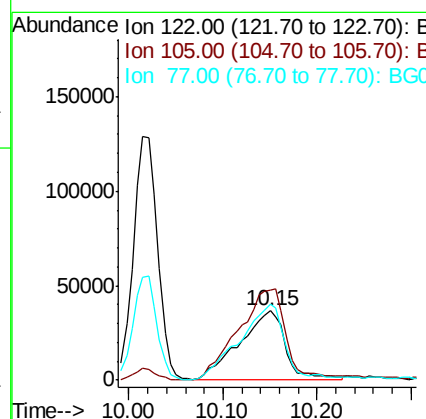
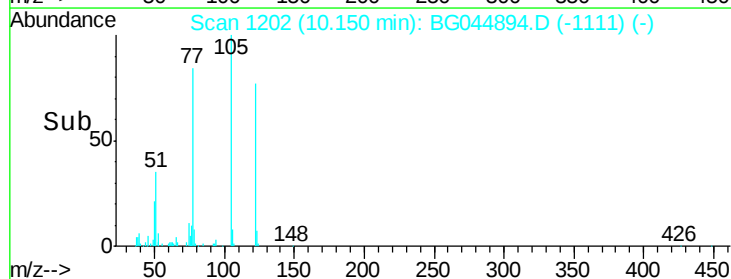
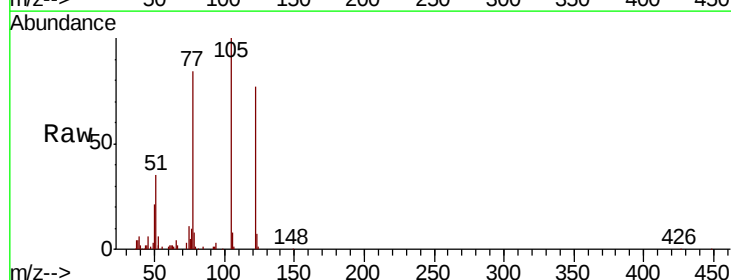
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#32
Benzoic acid
Concen: 40.327 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	109.1	149.1
77	109.1	85.3	125.3





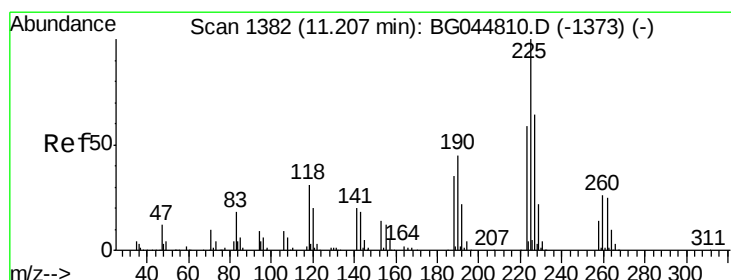
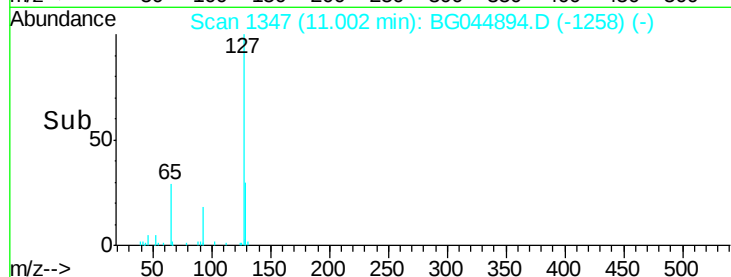
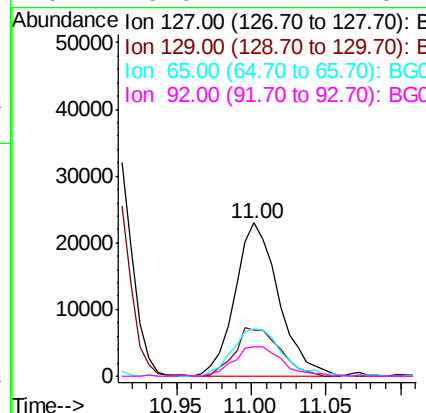
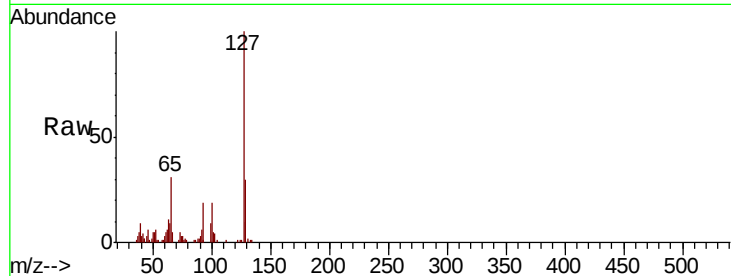
#33
4-Chloroaniline
Concen: 6.601 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		46818		
129	29.8	26.9	40.3		
65	31.0	27.7	41.5		
92	19.0	17.4	26.2		

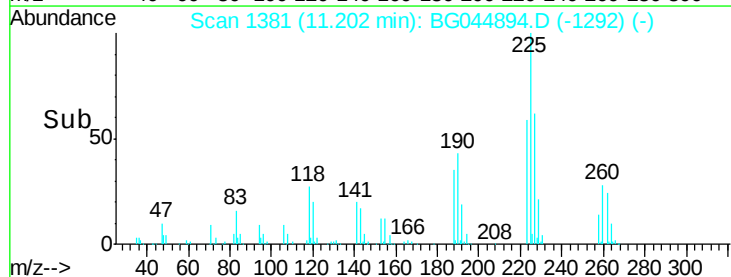
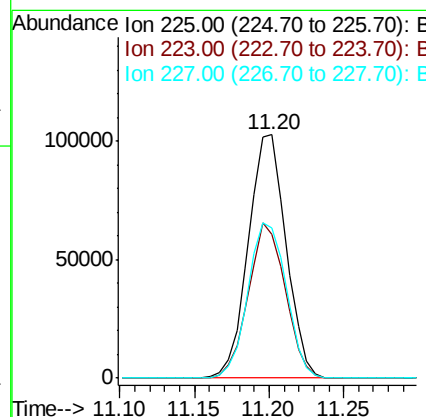
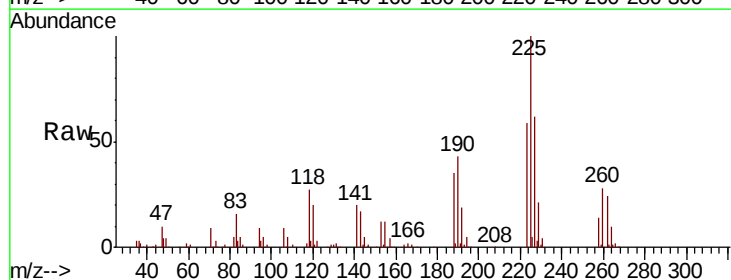
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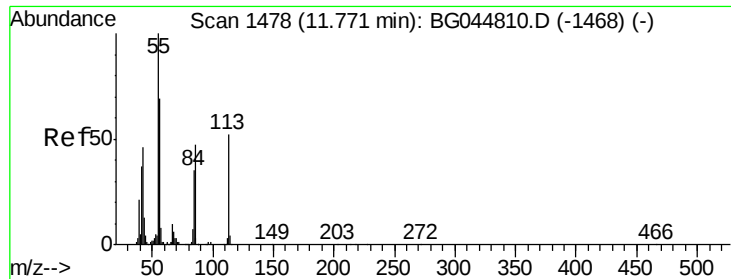
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#34
Hexachlorobutadiene
Concen: 47.493 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		179537		
223	59.3	47.4	71.0		
227	61.9	50.8	76.2		





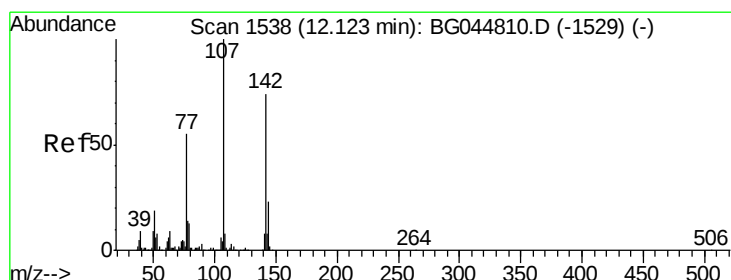
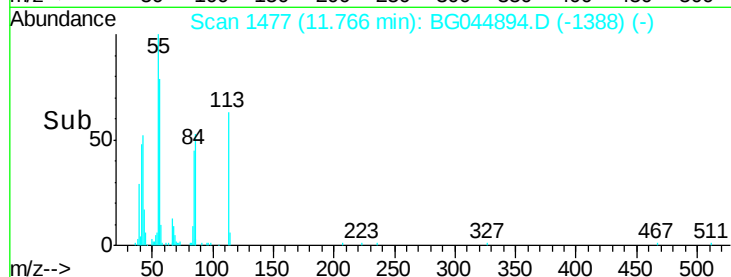
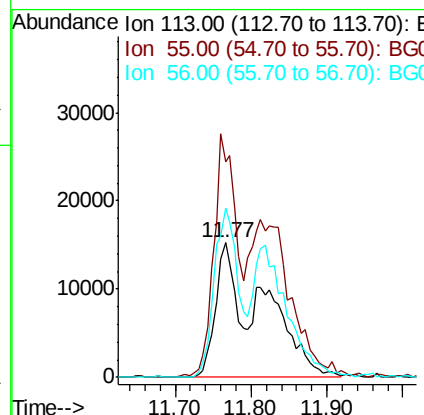
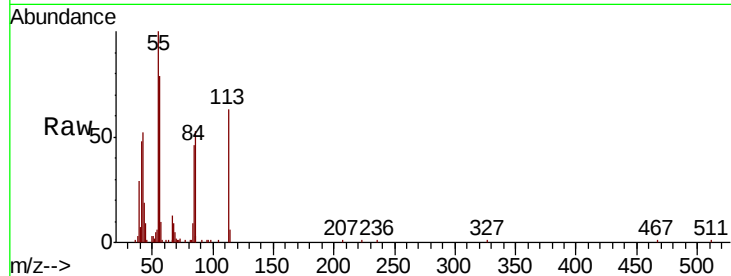
#35
 Caprolactam
 Concen: 35.185 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	159.8	173.8	213.8	
56	126.2	113.8	153.8	

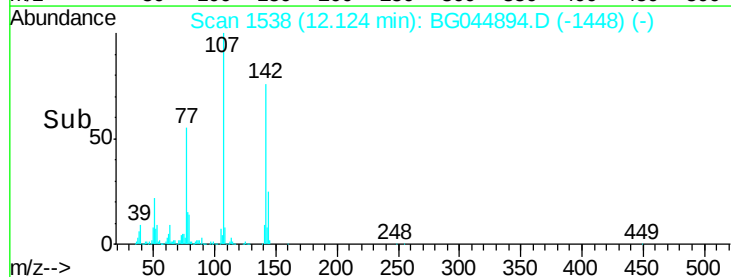
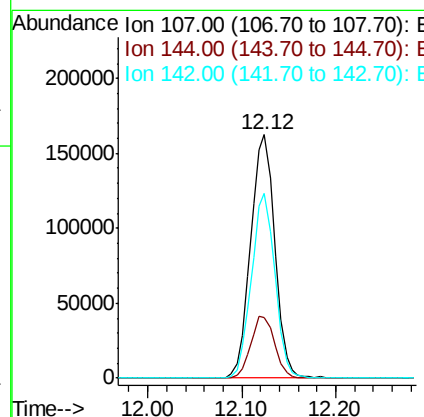
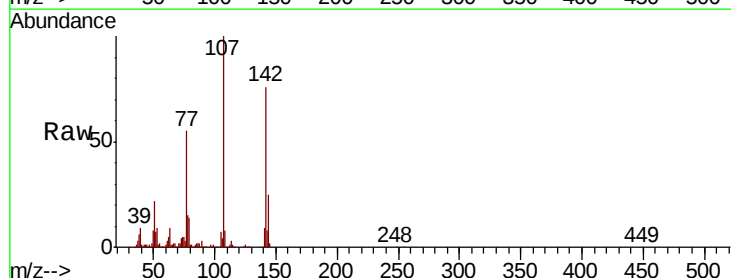
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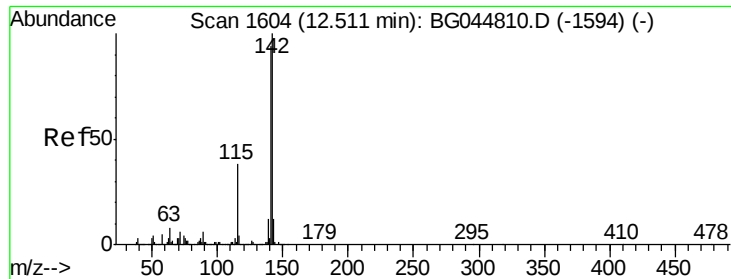
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#36
 4-Chloro-3-methylphenol
 Concen: 50.456 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.1	18.0	27.0	
142	75.7	59.0	88.4	





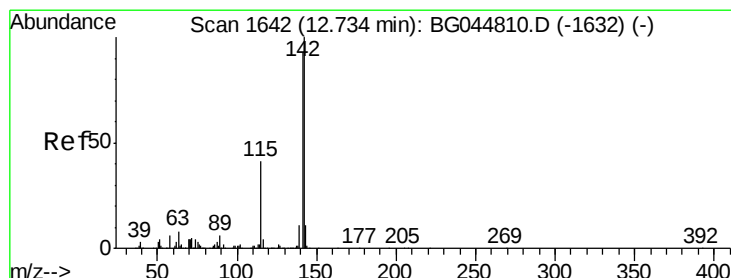
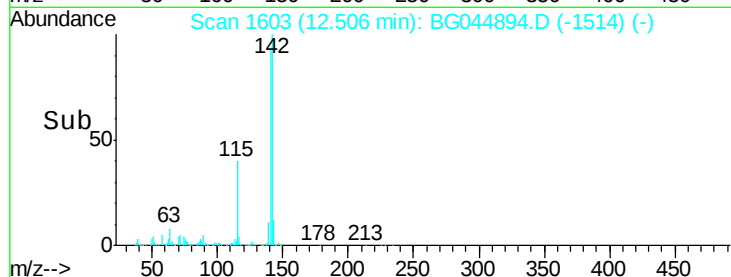
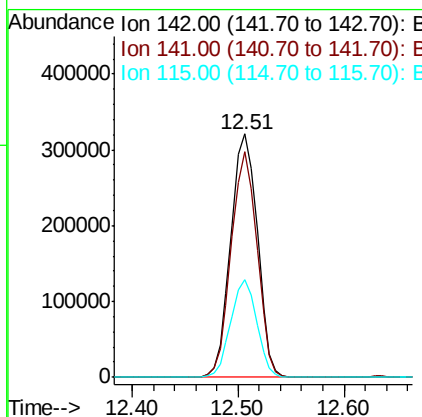
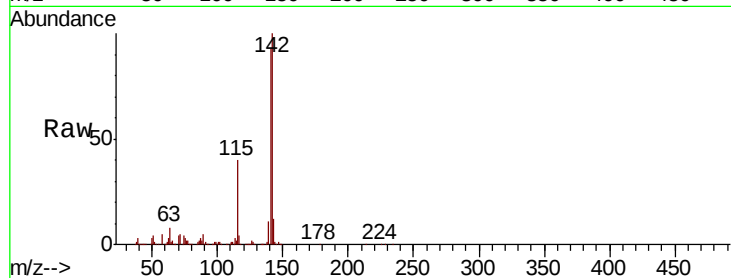
#37
2-Methylnaphthalene
Concen: 47.577 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.1	112.7
115	40.3	30.6	46.0

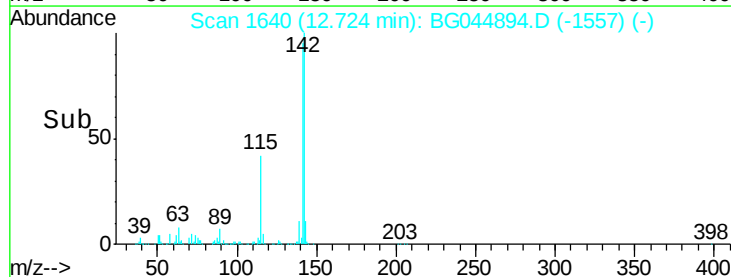
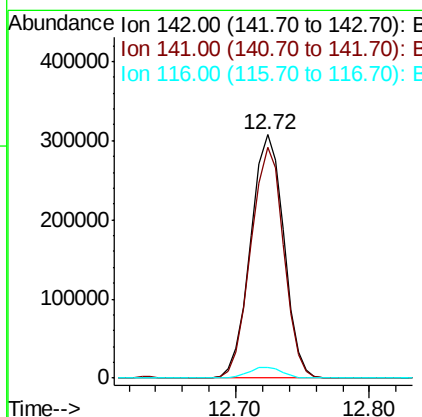
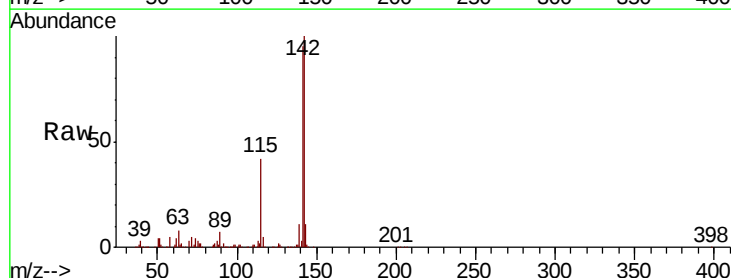
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#38
1-Methylnaphthalene
Concen: 47.570 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	74.7	112.1
116	4.6	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: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

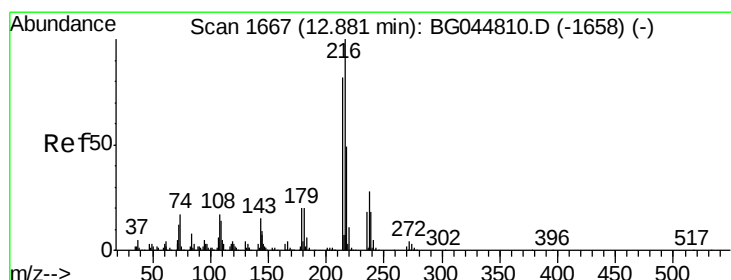
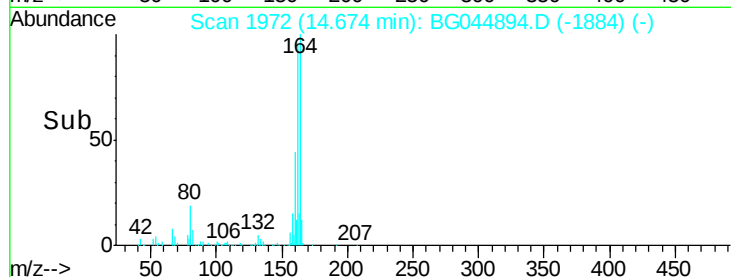
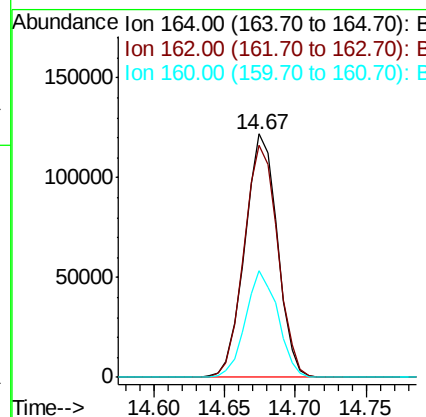
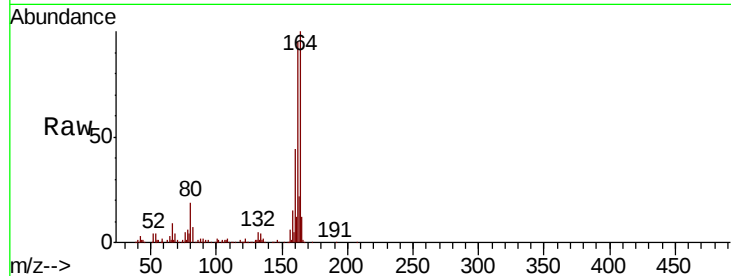
ClientSampleId :

OR-02-031620MSD

Tot Ion:	164	Resp:	197323
Ion Ratio	Lower	Upper	
164	100		
162	95.3	76.7	115.1
160	43.8	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.517 ng

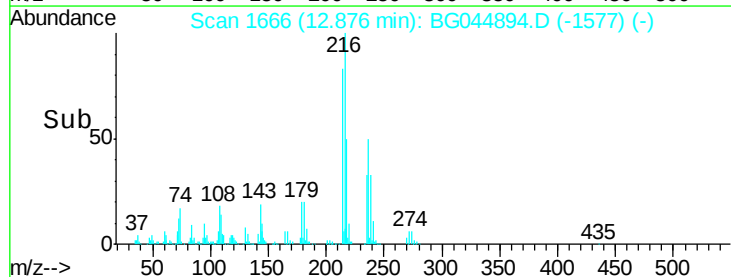
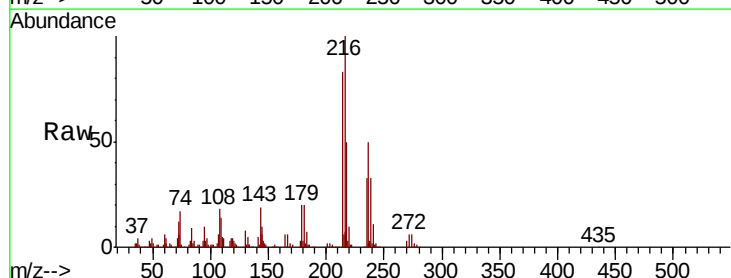
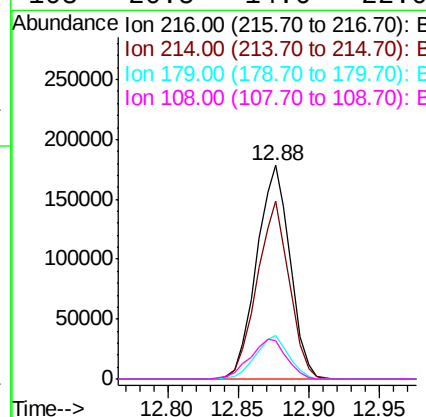
RT: 12.88 min Scan# 1666

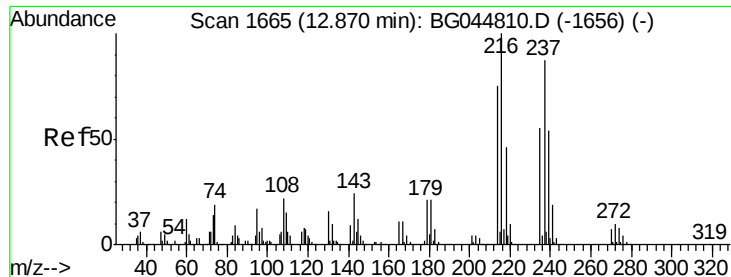
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	216	Resp:	295789
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.8	95.6
179	20.2	16.2	24.2
108	20.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 101.676 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

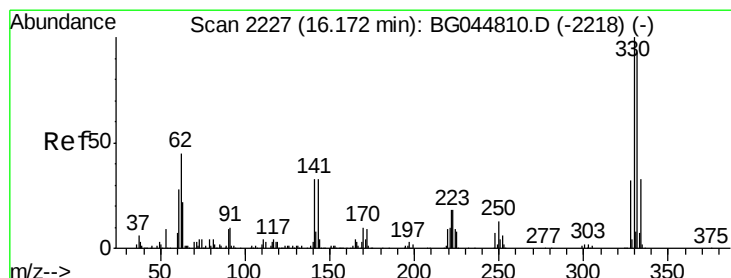
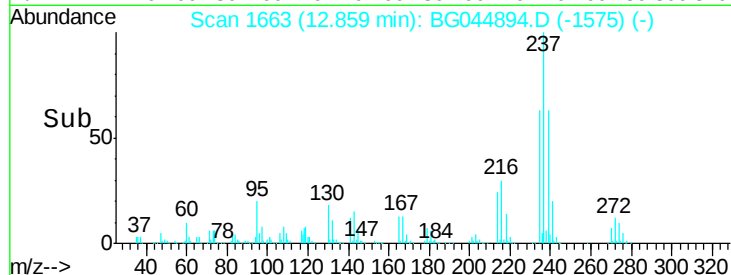
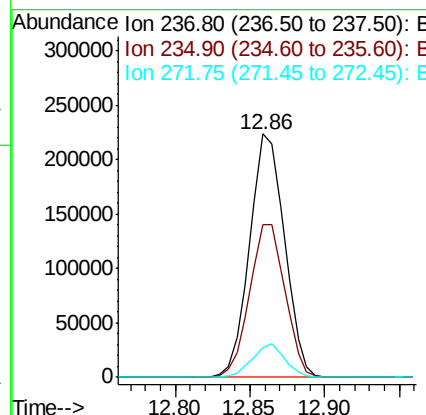
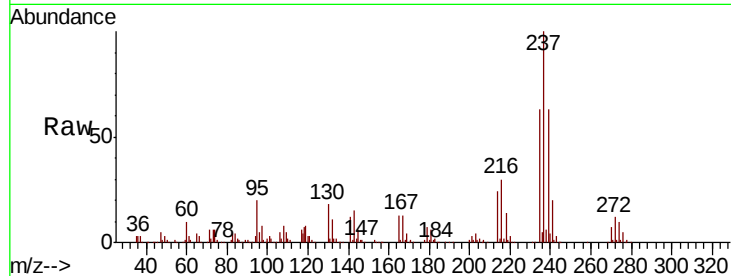
ClientSampleId :

OR-02-031620MSD

Tot Ion:	237	Resp:	361095
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.9	82.9
272	12.1	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 159.404 ng

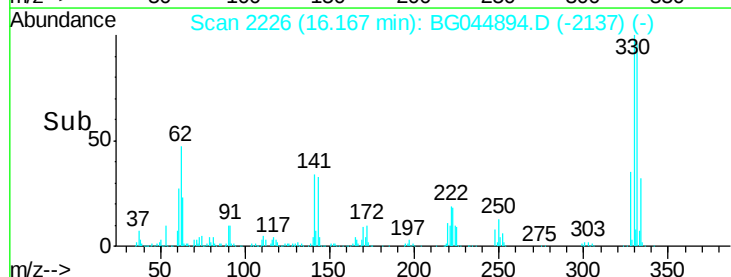
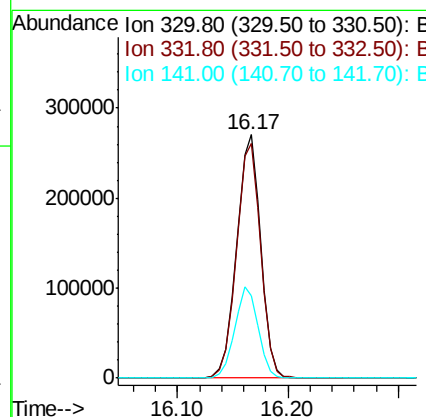
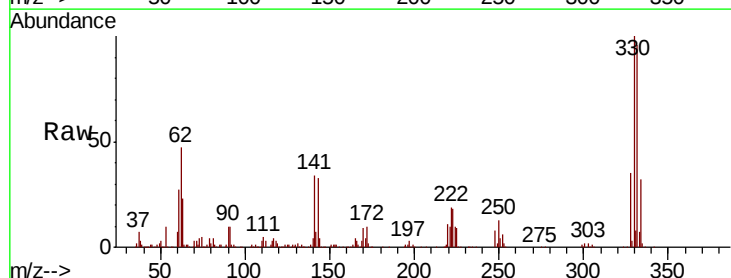
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	330	Resp:	411842
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.8	116.6
141	36.8	29.5	44.3





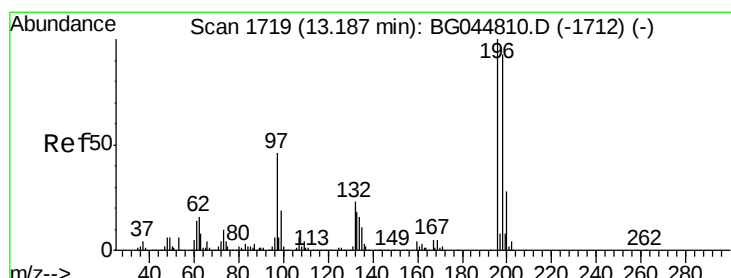
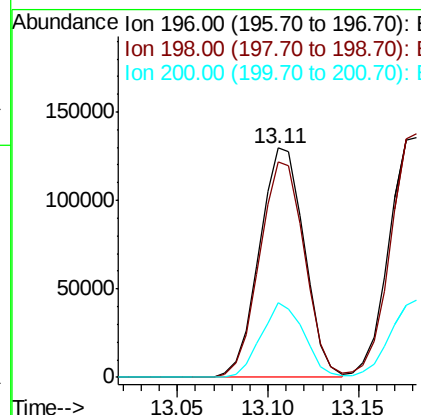
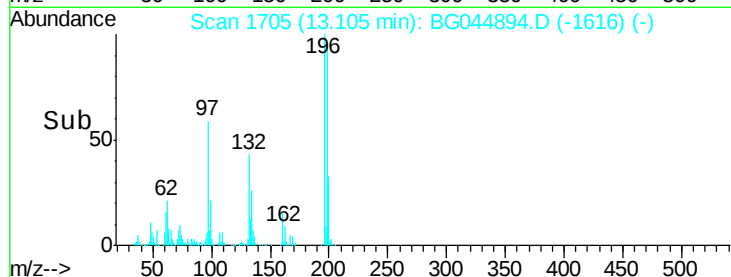
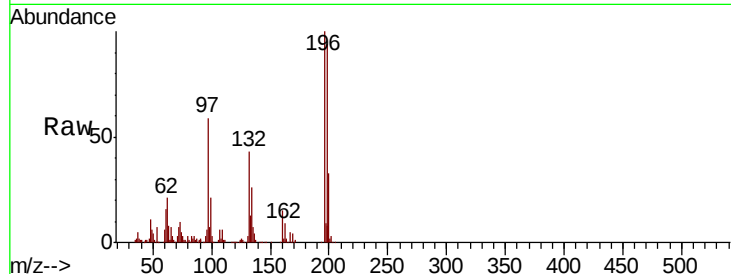
#43
 2,4,6-Trichlorophenol
 Concen: 51.655 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	222771		
198	94.1	74.9	112.3	
200	32.6	25.8	38.6	

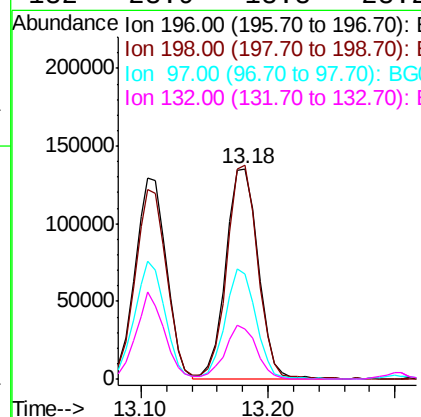
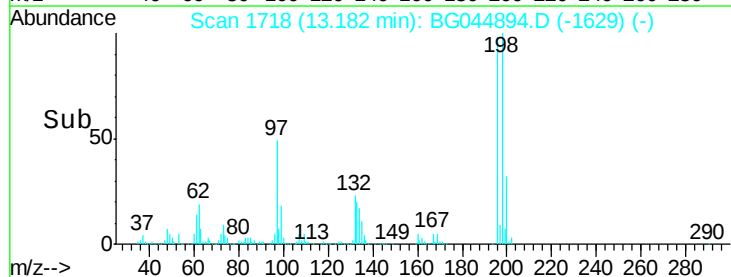
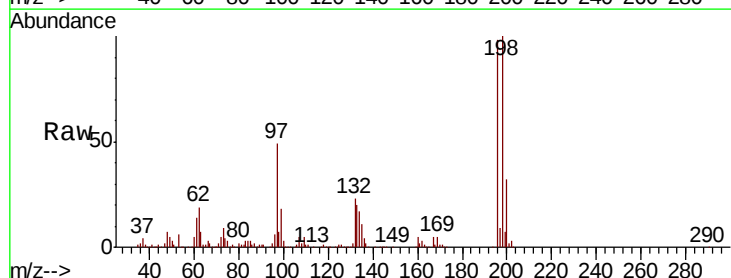
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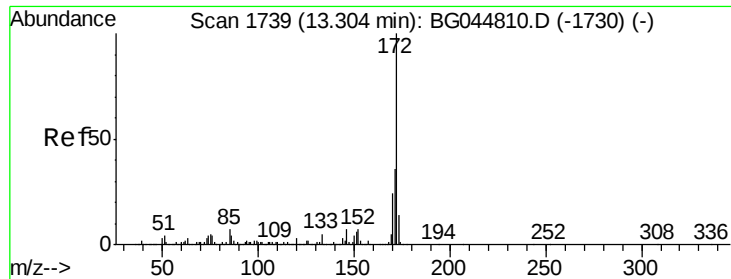
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 53.405 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238856		
198	101.8	74.2	111.4	
97	50.0	36.7	55.1	
132	23.9	18.8	28.2	





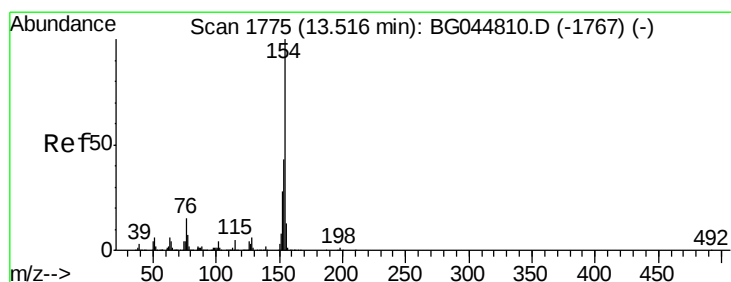
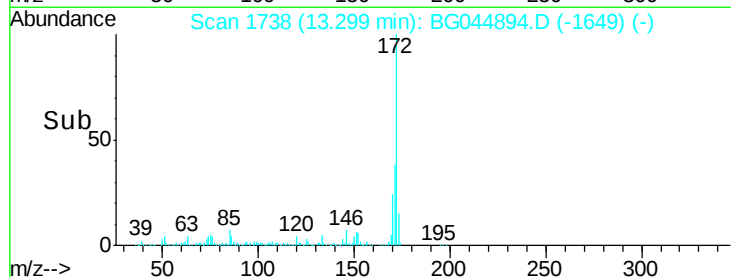
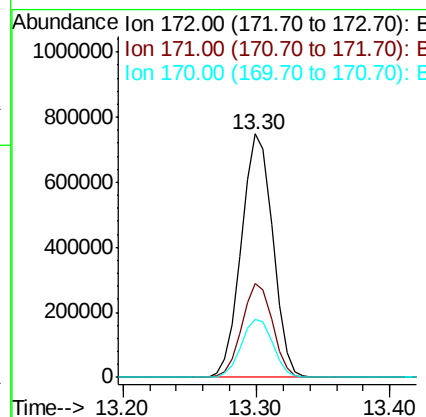
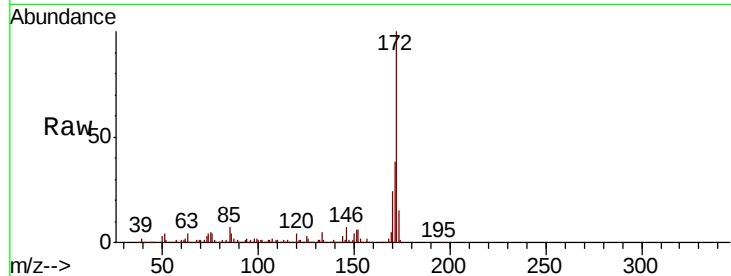
#45
2-Fluorobiphenyl
Concen: 88.382 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.7	43.1
170	24.0	19.0	28.6

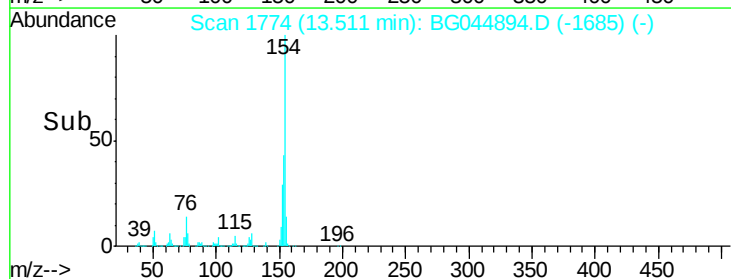
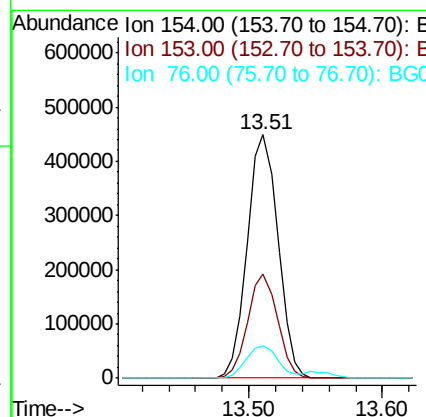
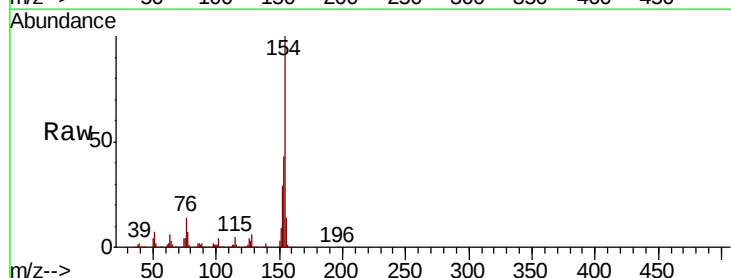
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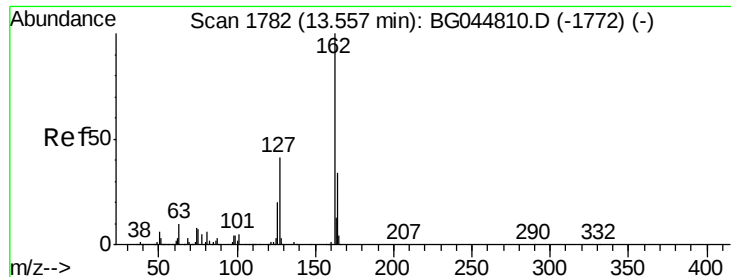
mohammad
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#46
1,1'-Biphenyl
Concen: 45.148 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.9	62.9
76	13.6	0.0	34.6





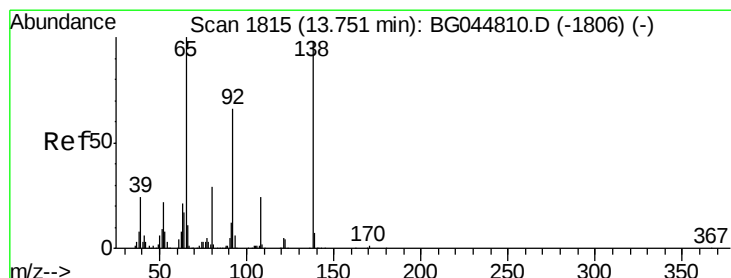
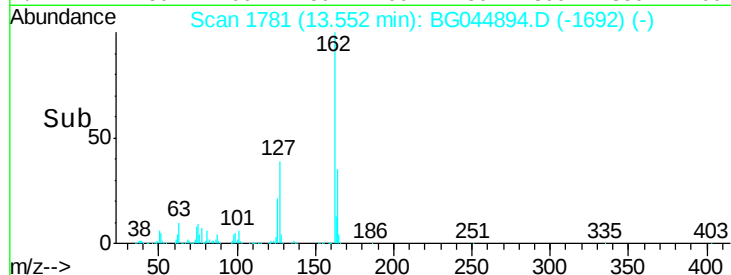
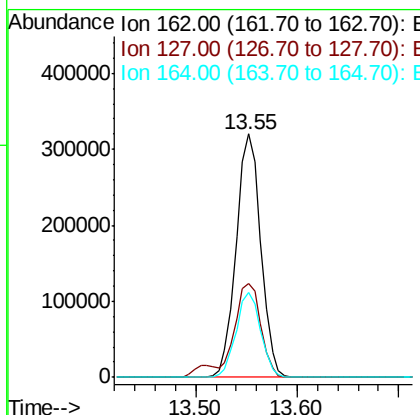
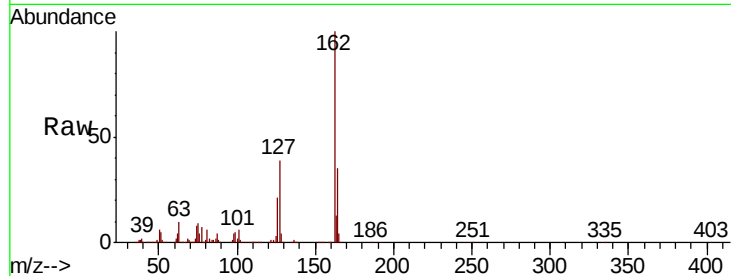
#47
 2-Chloronaphthalene
 Concen: 44.712 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.1	49.7
164	35.0	27.4	41.2

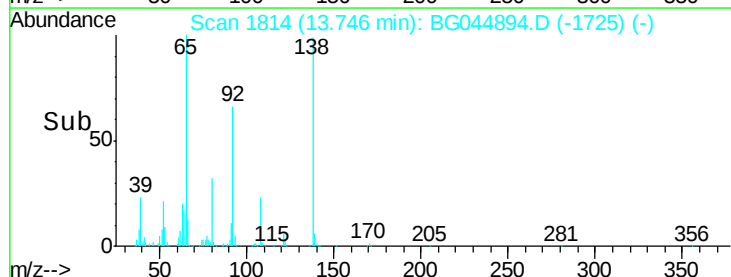
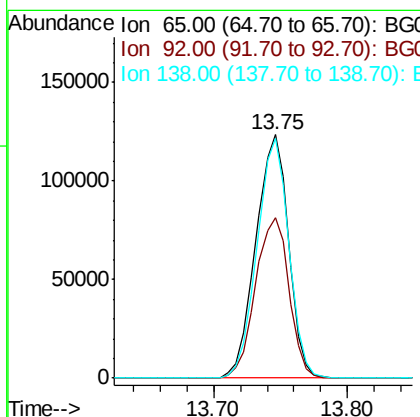
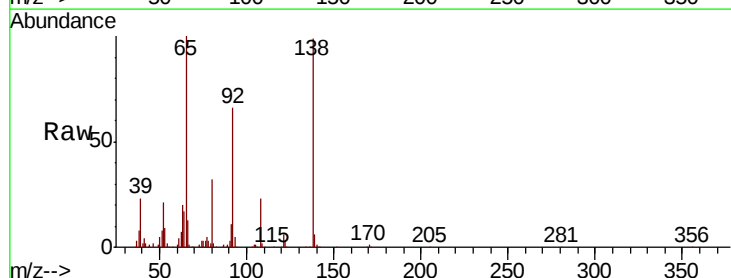
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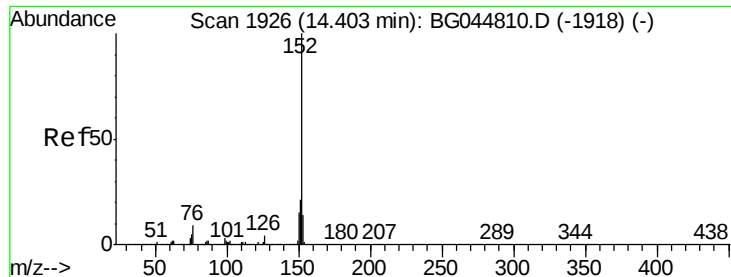
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#48
 2-Nitroaniline
 Concen: 49.387 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.6	79.0
138	98.6	78.3	117.5





#49

Acenaphthylene

Concen: 48.285 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

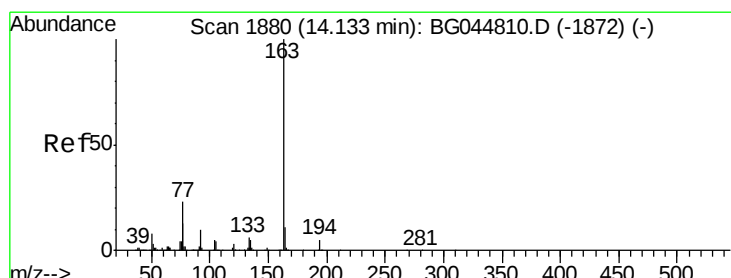
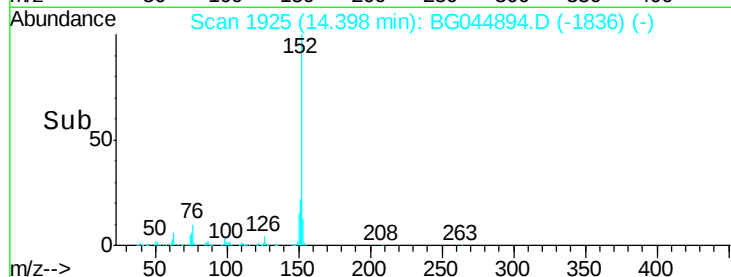
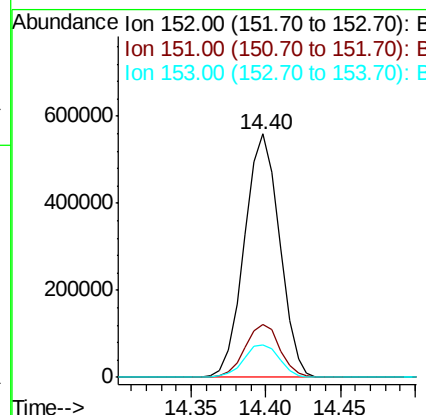
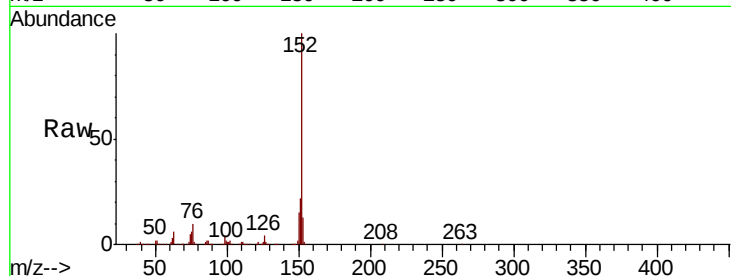
ClientSampleId :

OR-02-031620MSD

Tot Ion:	152	Resp:	911218
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.8	25.2
153	13.3	10.8	16.2

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#50

Dimethylphthalate

Concen: 51.601 ng

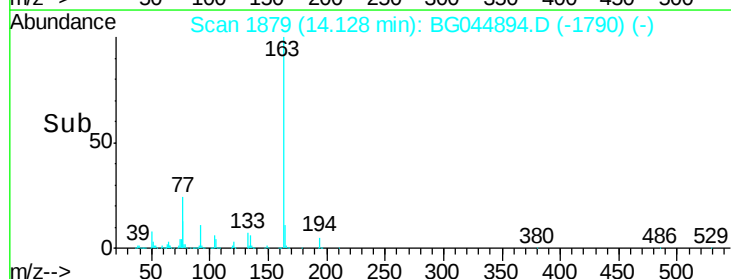
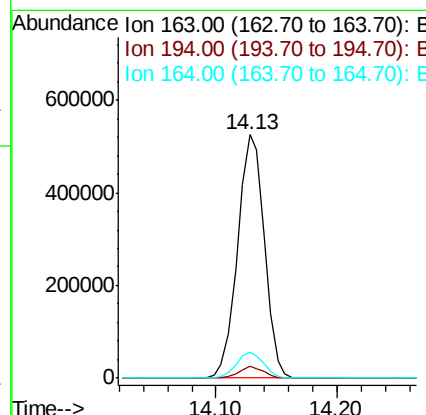
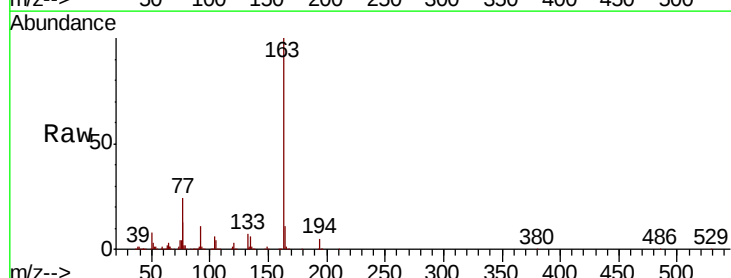
RT: 14.13 min Scan# 1879

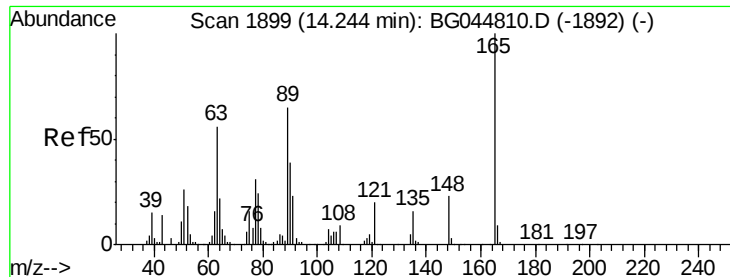
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	163	Resp:	810960
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.7	5.5
164	10.6	9.1	13.7





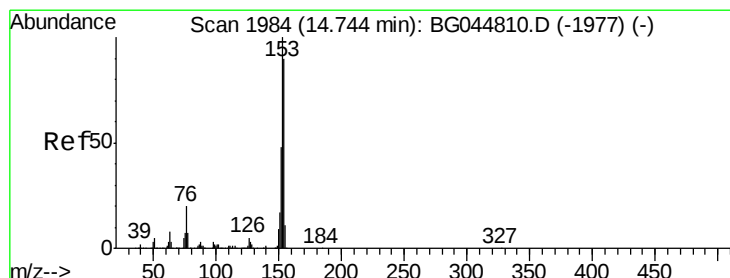
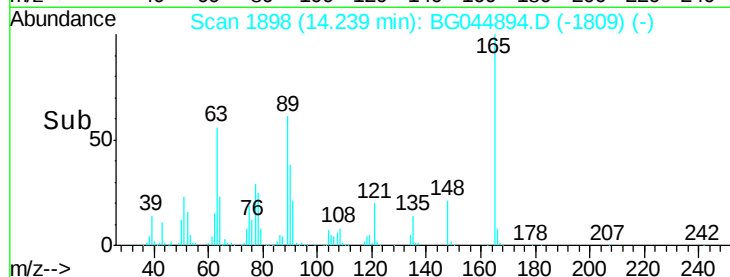
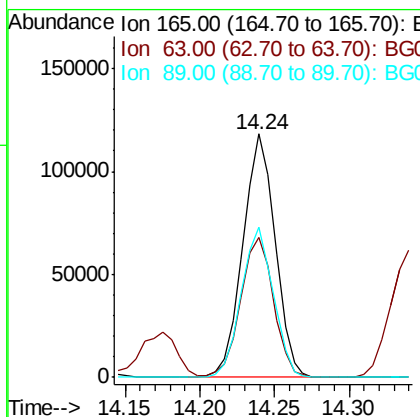
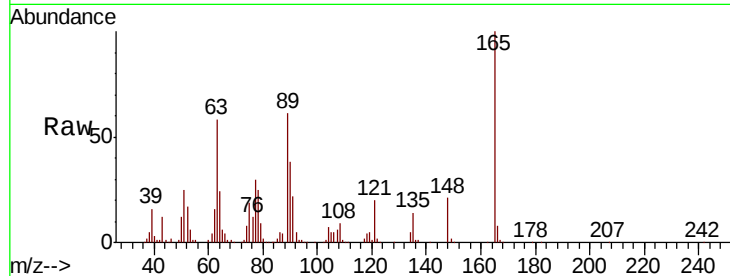
#51
 2,6-Dinitrotoluene
 Concen: 55.839 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	176888		
63	57.5	45.8	68.8	
89	61.5	51.8	77.6	

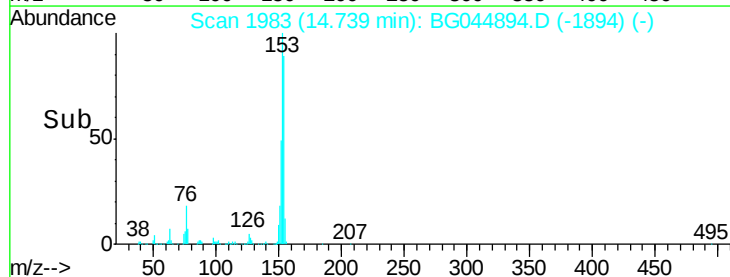
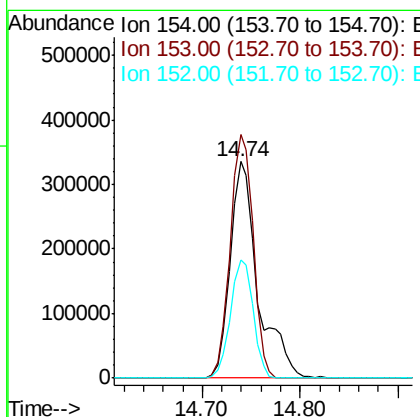
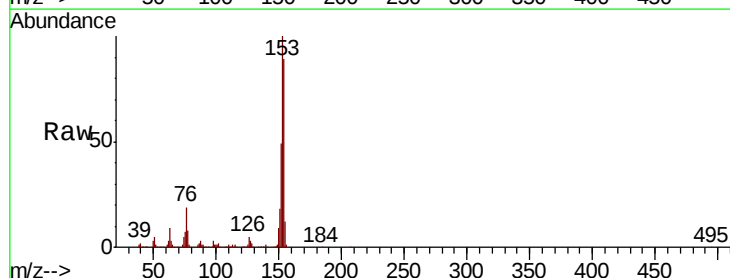
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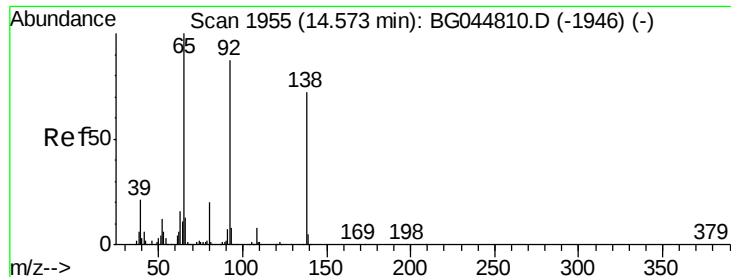
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#52
 Acenaphthene
 Concen: 53.593 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	662361		
153	112.5	89.0	133.6	
152	54.7	43.0	64.6	





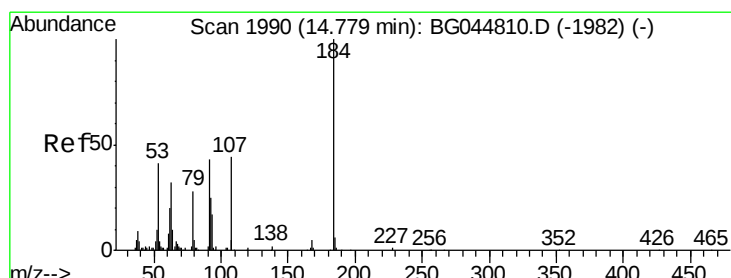
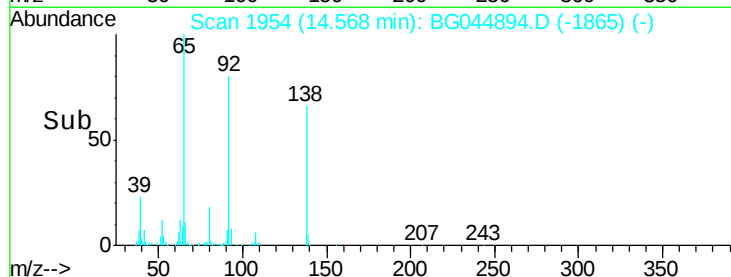
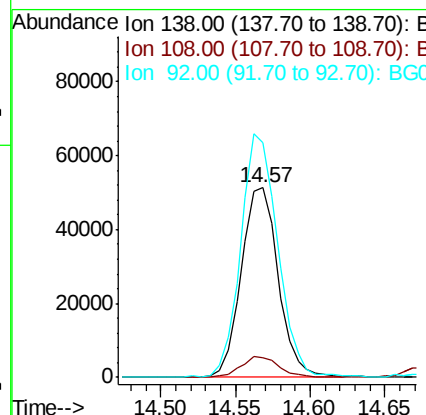
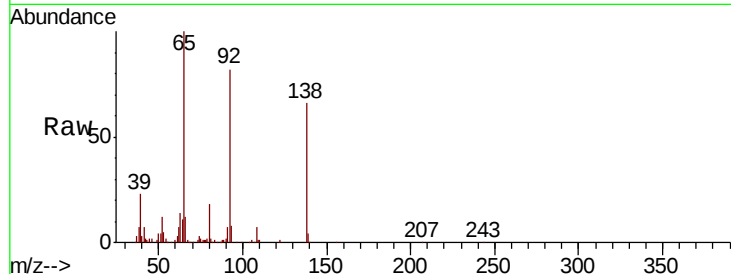
#53
3-Nitroaniline
Concen: 24.227 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.0	13.4
92	123.9	96.8	145.2

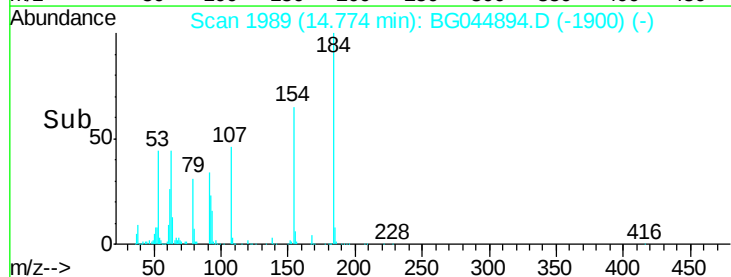
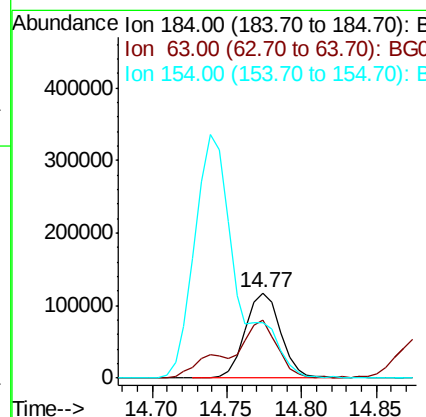
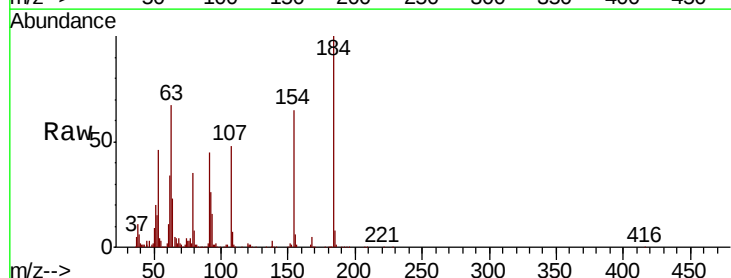
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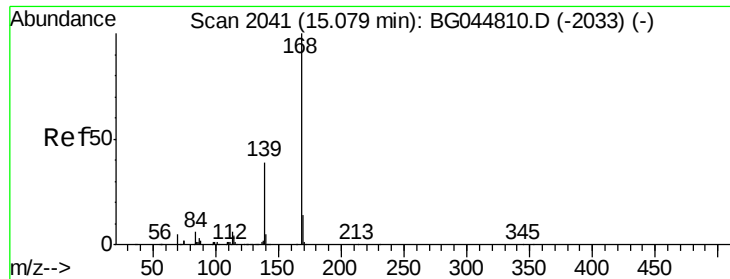
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#54
2,4-Dinitrophenol
Concen: 112.910 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	45.5	68.3
154	64.7	49.1	73.7





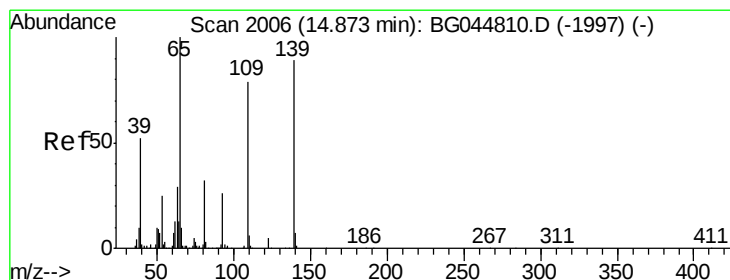
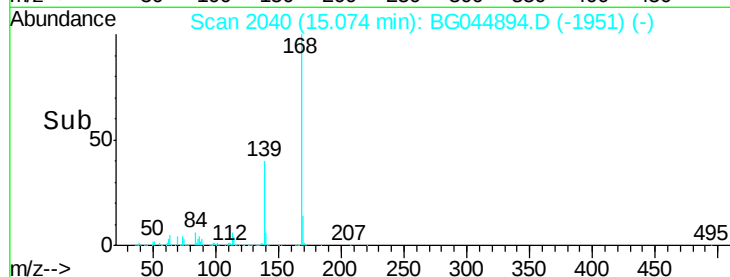
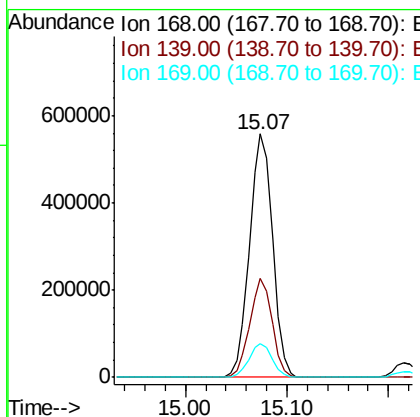
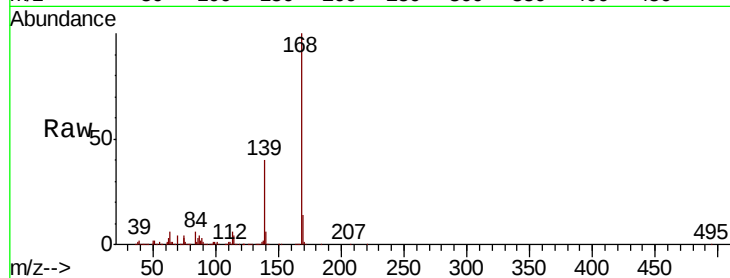
#55
Dibenzofuran
Concen: 49.082 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.4	47.0
169	14.0	11.1	16.7

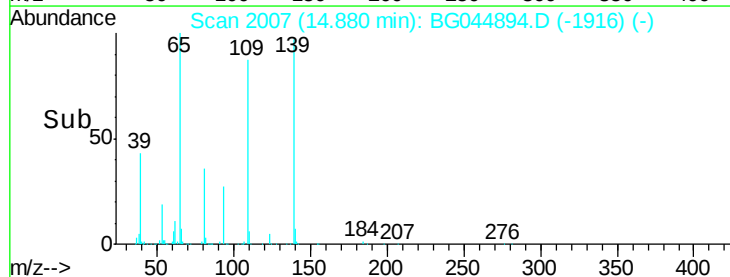
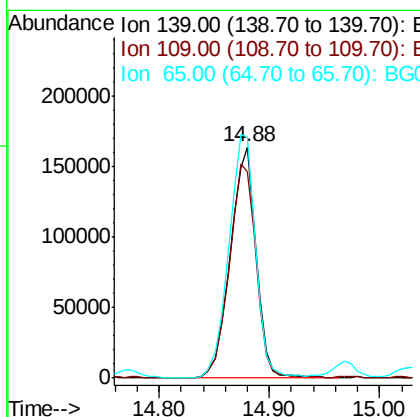
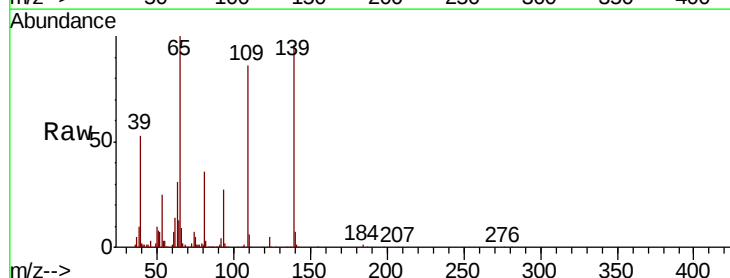
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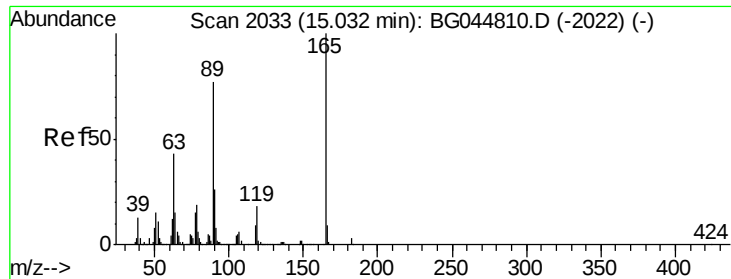
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#56
4-Nitrophenol
Concen: 97.302 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.6	68.8	108.8
65	104.3	92.5	132.5





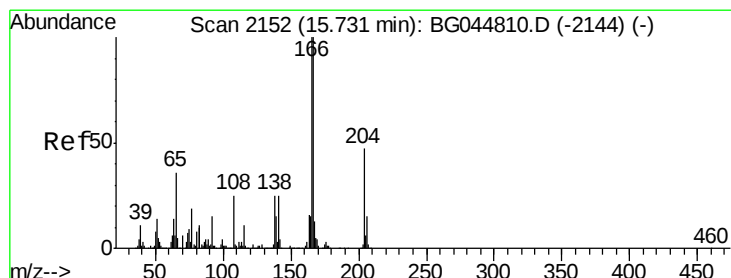
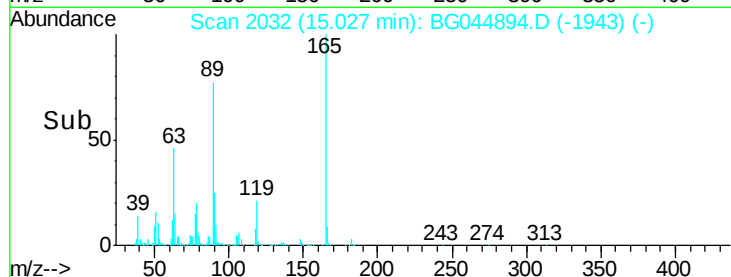
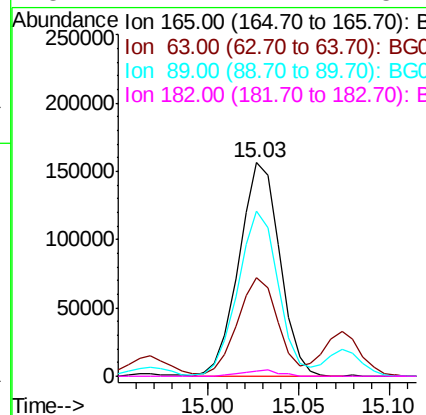
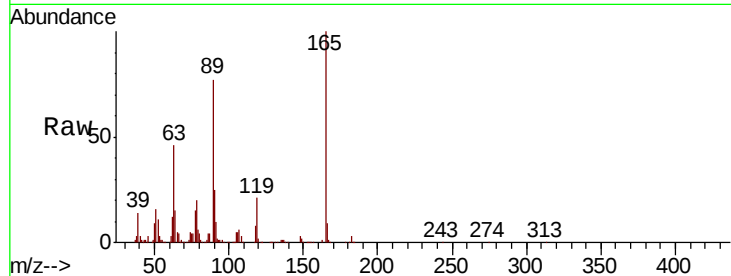
#57
2,4-Dinitrotoluene
Concen: 56.202 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	244177		
63	46.3		34.6	52.0
89	77.0		61.3	91.9
182	2.7		2.2	3.2

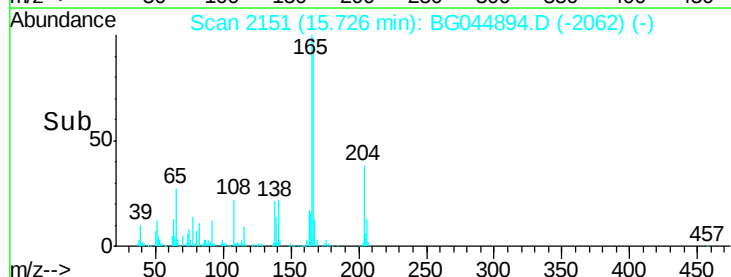
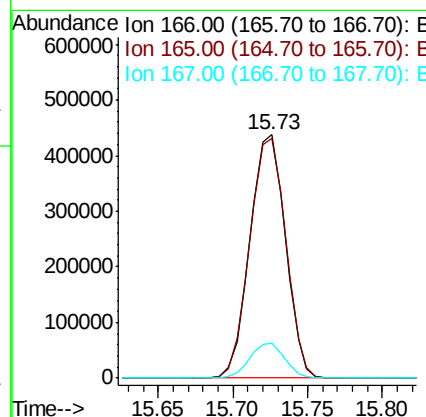
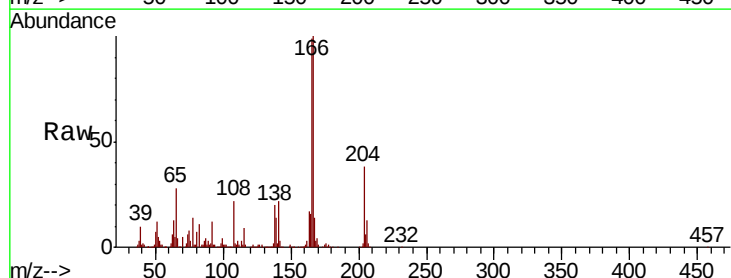
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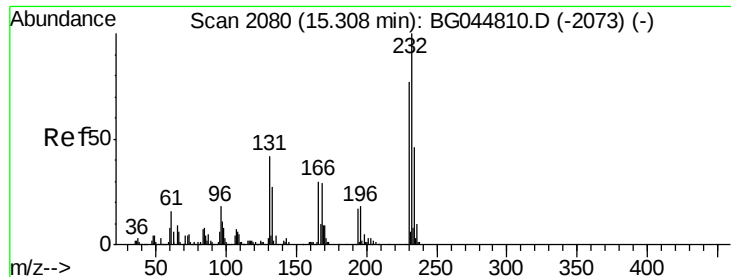
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#58
Fluorene
Concen: 48.801 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	719484		
165	98.5		79.7	119.5
167	14.1		10.6	16.0





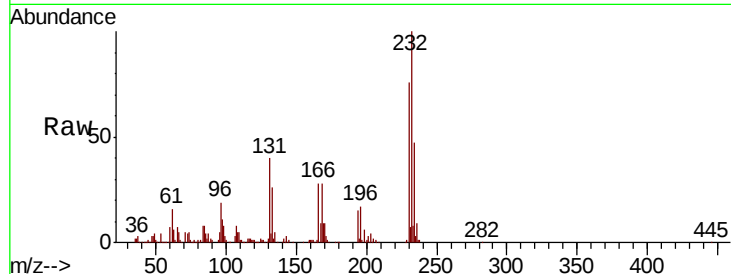
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.521 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

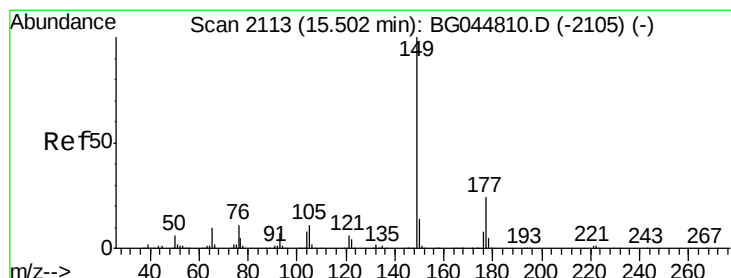
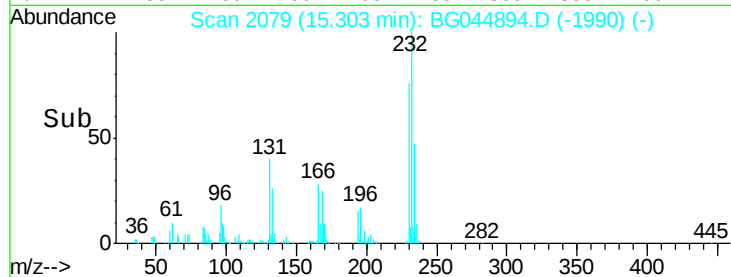
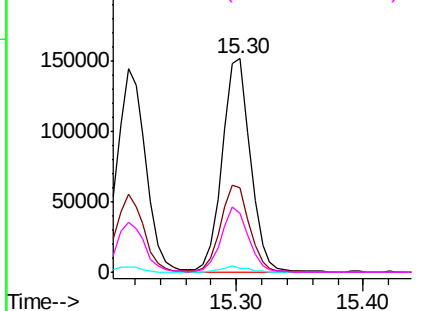
Tot Ion	Ratio	Resp	Lower	Upper
232	100	232736		
131	41.8		31.8	47.8
130	2.7		2.2	3.2
166	29.2		20.2	30.2

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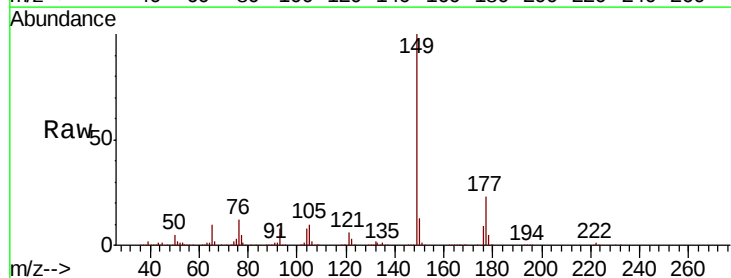


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

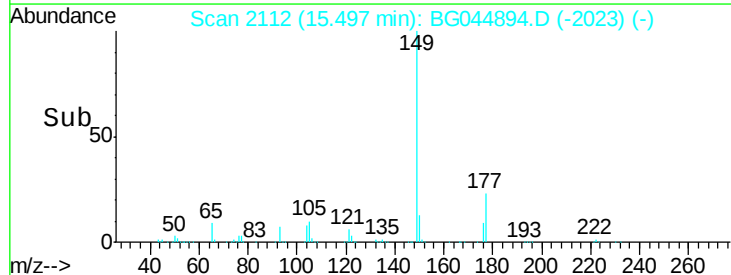
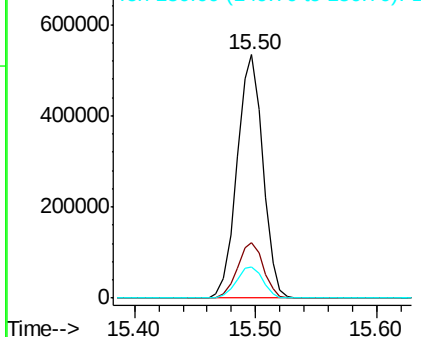


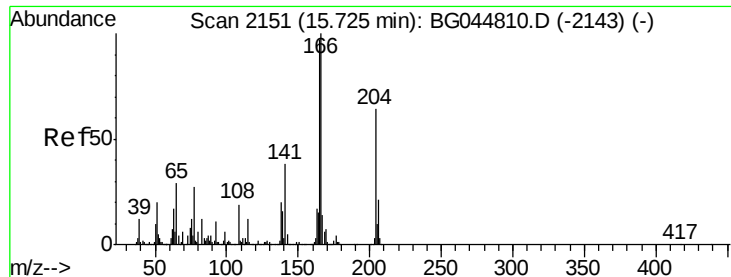
#60
 Diethylphthalate
 Concen: 48.473 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	794547		
177	23.0		19.3	28.9
150	12.9		11.0	16.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 48.530 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

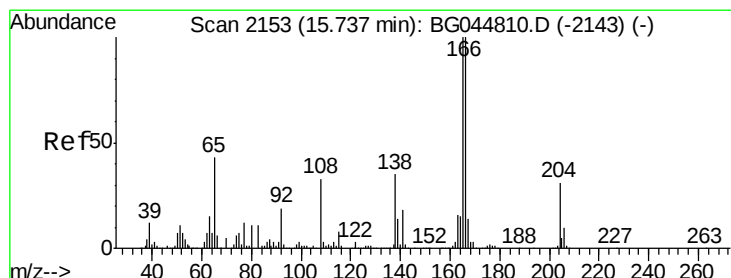
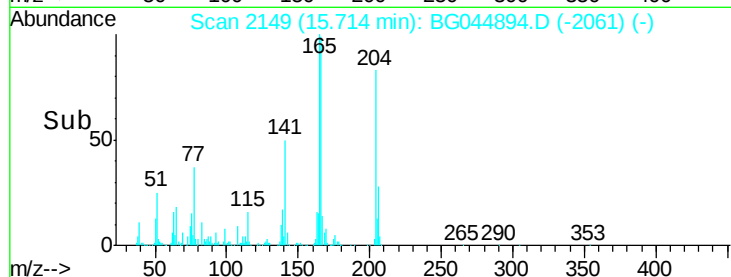
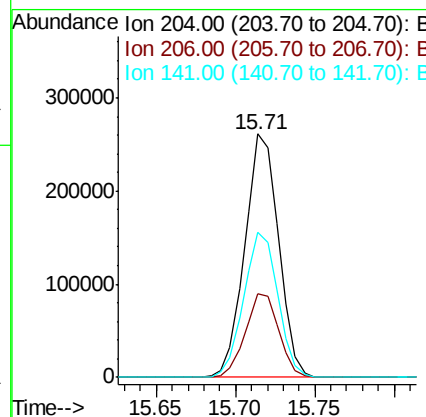
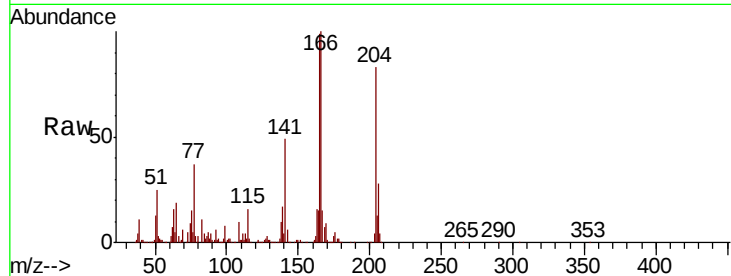
ClientSampleId :

OR-02-031620MSD

Tot Ion:	204	Resp:	385257
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.2	39.2
141	59.7	47.7	71.5

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#62

4-Nitroaniline

Concen: 46.962 ng

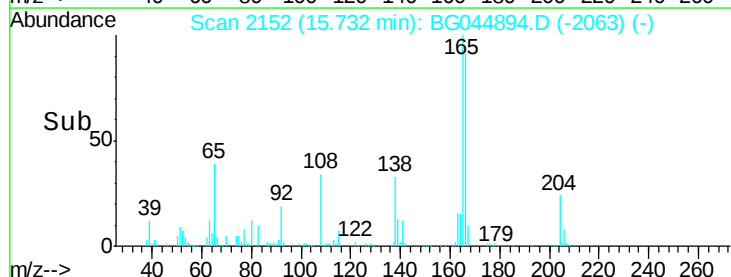
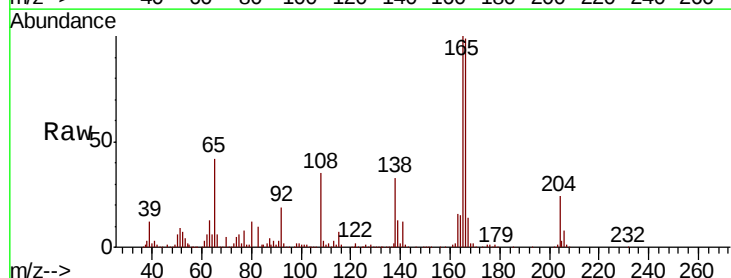
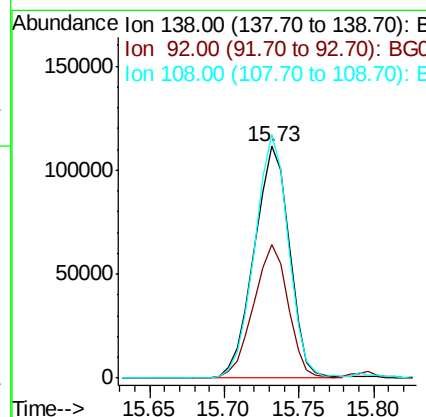
RT: 15.73 min Scan# 2152

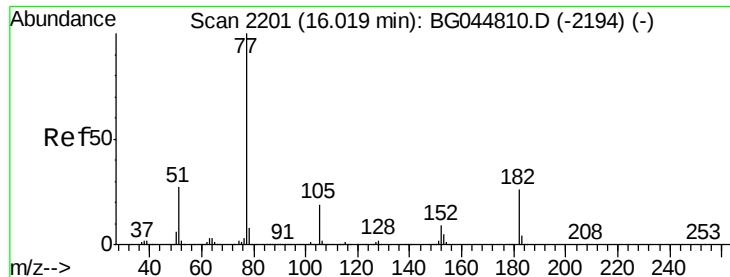
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	138	Resp:	182381
Ion Ratio	Lower	Upper	
138	100		
92	57.3	34.5	74.5
108	104.9	74.5	114.5





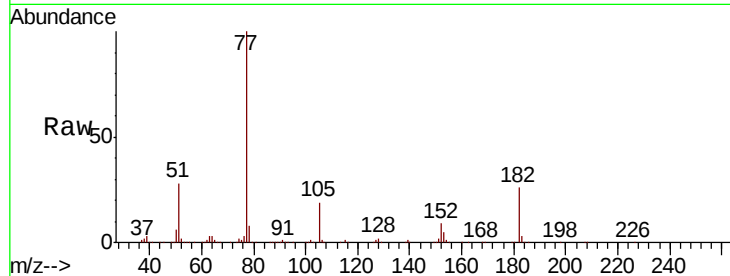
#63
Azobenzene
Concen: 45.772 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

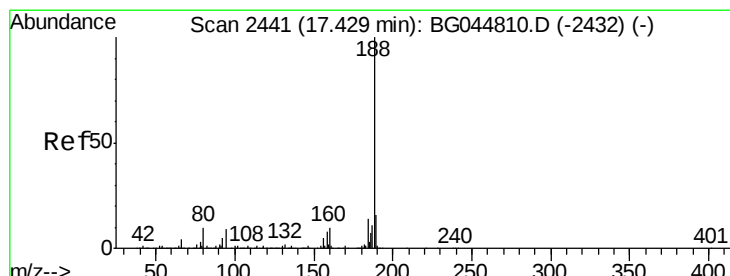
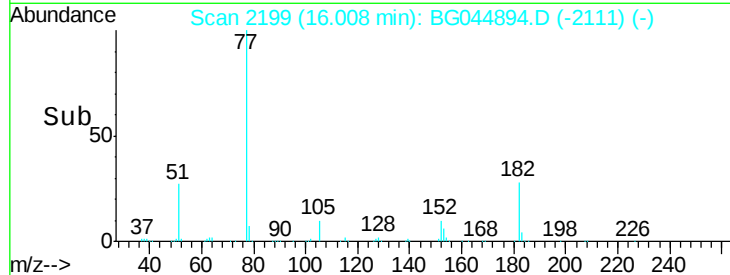
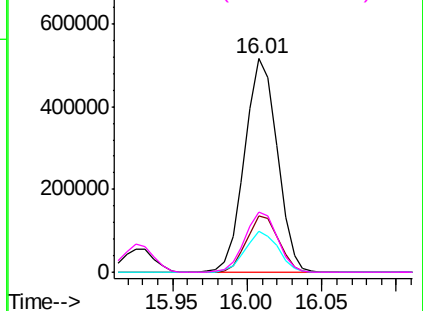
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.4	46.4
105	19.3	0.0	39.1
51	28.2	7.3	47.3

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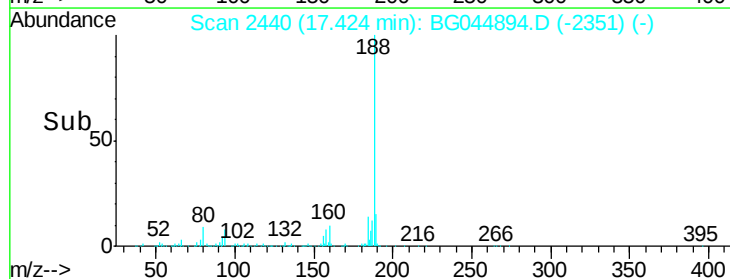
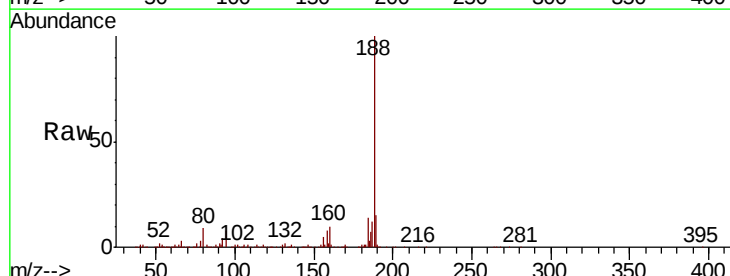
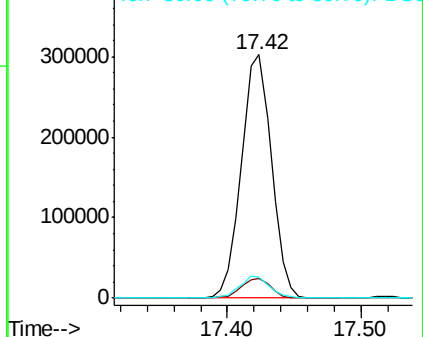
Abundance Ion 77.00 (76.70 to 77.70): BGC
800000
Ion 182.00 (181.70 to 182.70): BGC
600000
Ion 105.00 (104.70 to 105.70): BGC
400000
Ion 51.00 (50.70 to 51.70): BGC
200000
0

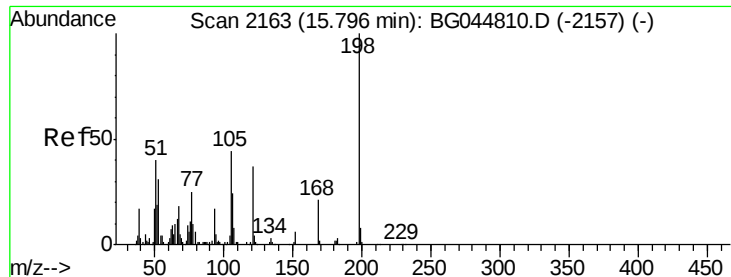


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.3	10.9
80	8.8	8.0	12.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
400000
Ion 94.00 (93.70 to 94.70): BGC
300000
Ion 80.00 (79.70 to 80.70): BGC
200000
100000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 62.520 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MSD

Tot Ion:198 Resp: 144996

Ion Ratio Lower Upper

198 100

51 39.0 21.1 61.1

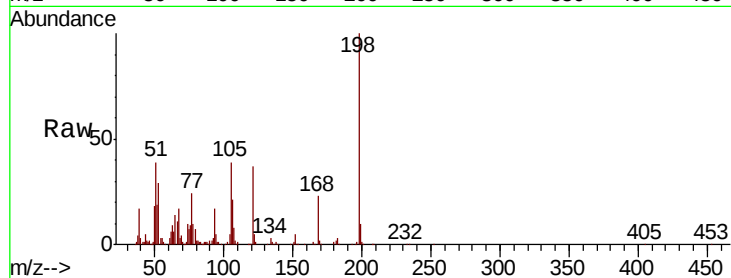
105 39.0 24.5 64.5

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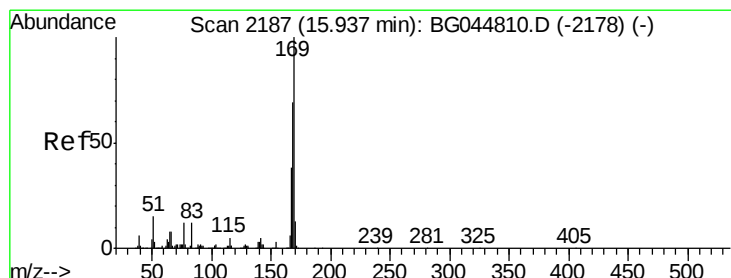
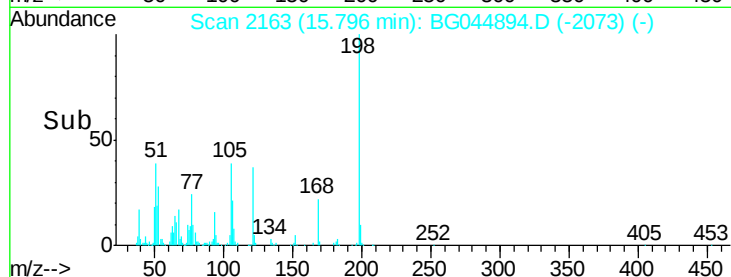
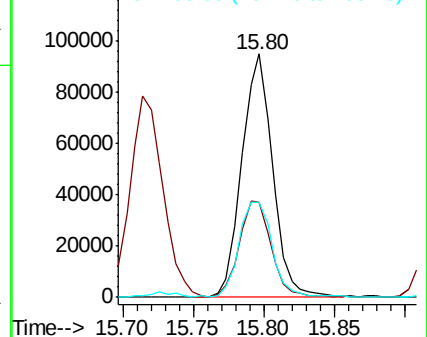
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.952 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

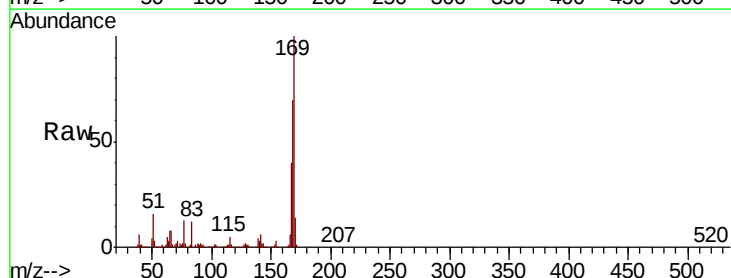
Tgt Ion:169 Resp: 666936

Ion Ratio Lower Upper

169 100

168 70.4 55.4 83.2

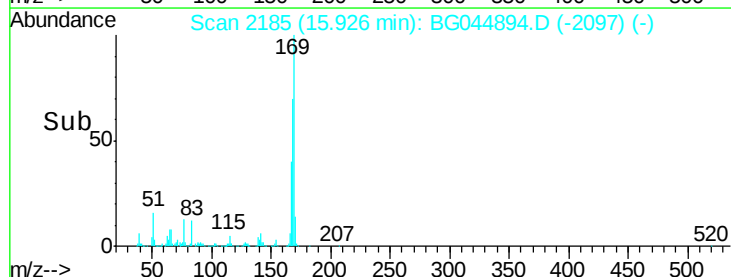
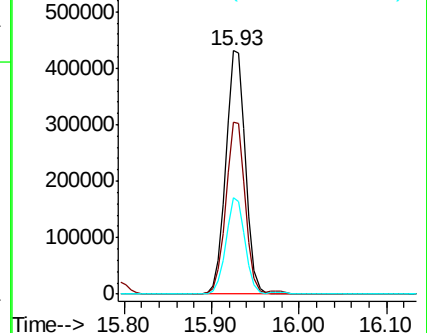
167 39.6 30.1 45.1

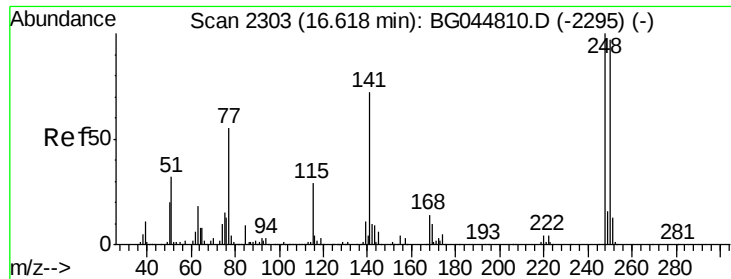


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





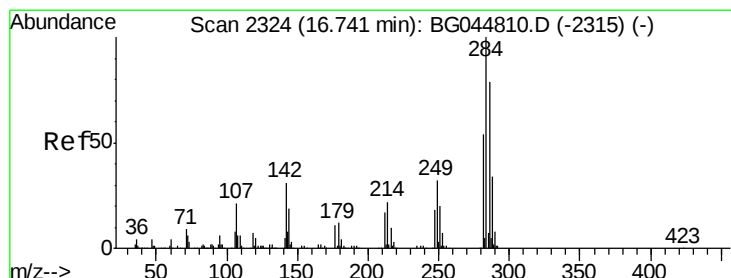
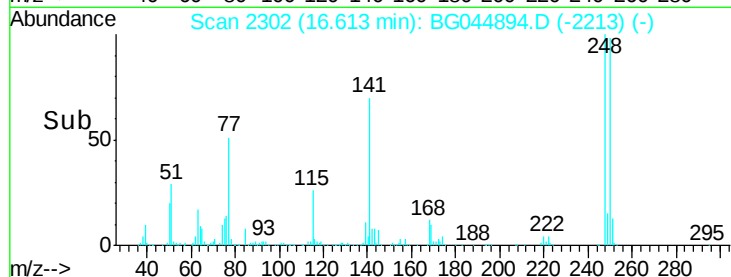
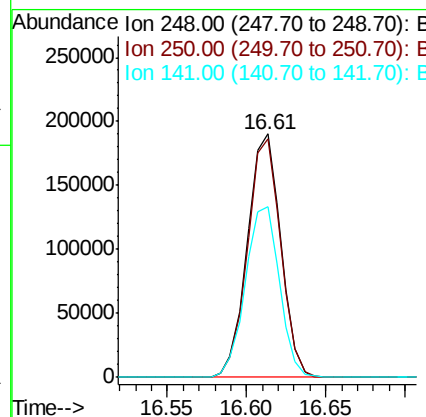
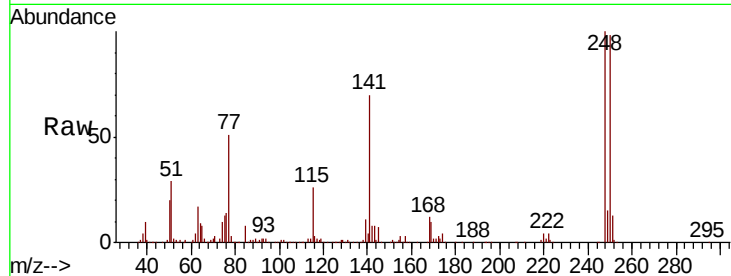
#67
4-Bromophenyl-phenylether
Concen: 47.154 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.9	116.9
141	70.0	57.5	86.3

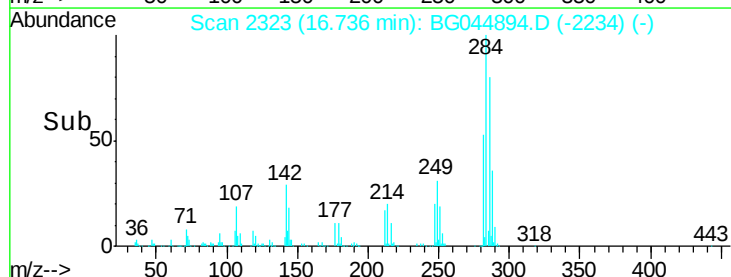
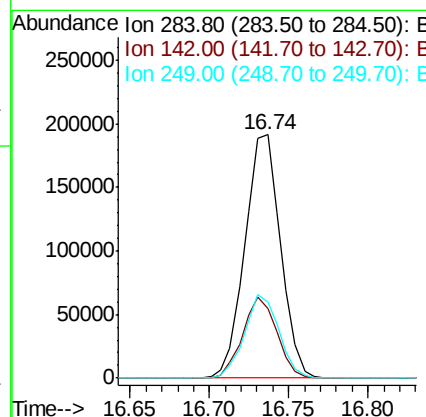
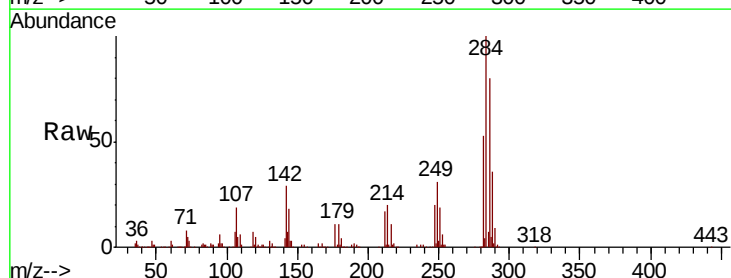
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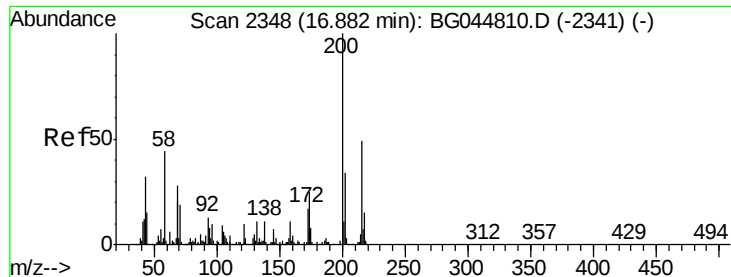
mohammad
3/23/2020 9:39:12 AM



#68
Hexachlorobenzene
Concen: 46.725 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	25.0	37.6
249	31.0	25.8	38.8





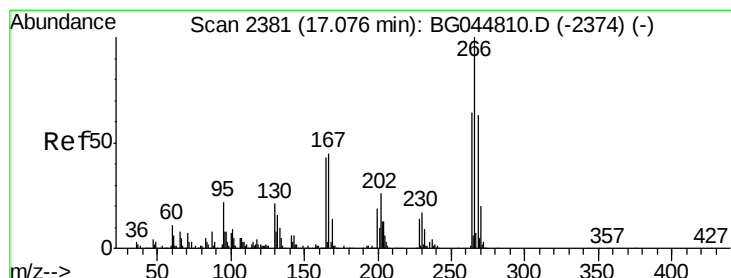
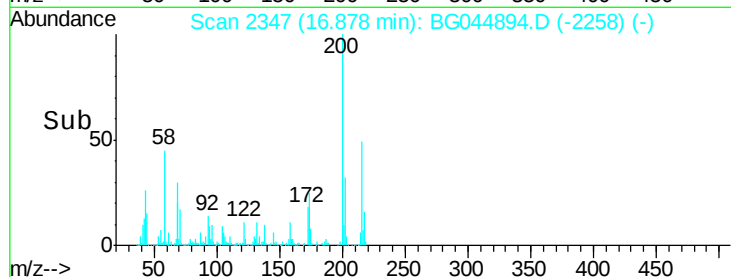
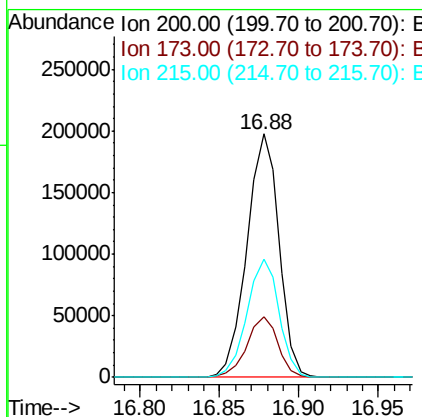
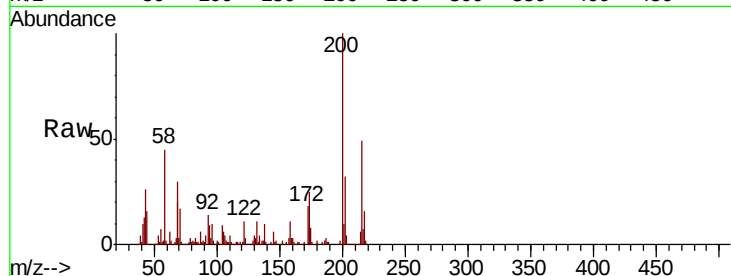
#69
Atrazine
Concen: 53.251 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.3	45.3
215	48.6	28.9	68.9

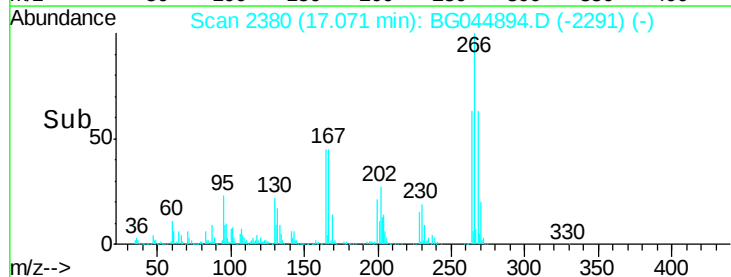
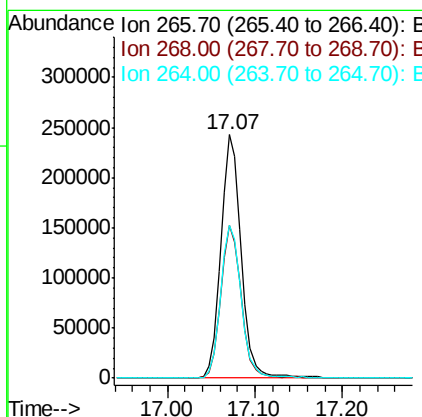
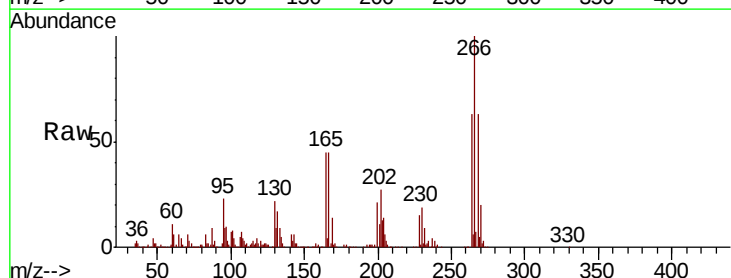
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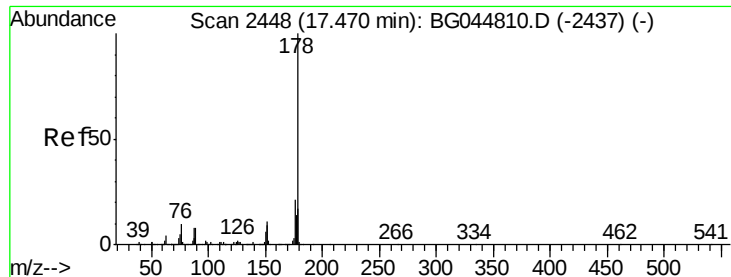
mohammad
3/23/2020 9:39:12 AM



#70
Pentachlorophenol
Concen: 110.908 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.3	75.5
264	62.8	51.4	77.2





#71

Phenanthrene

Concen: 48.187 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MSD

Tot Ion:178 Resp: 1214924

Ion Ratio Lower Upper

178 100

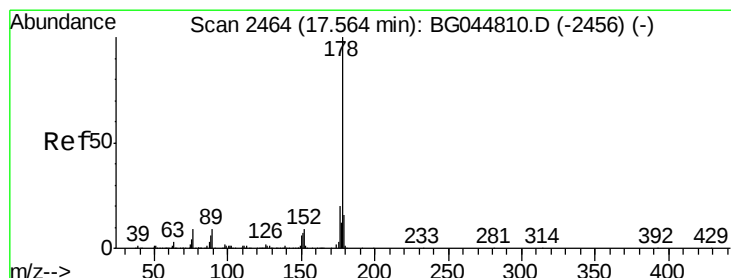
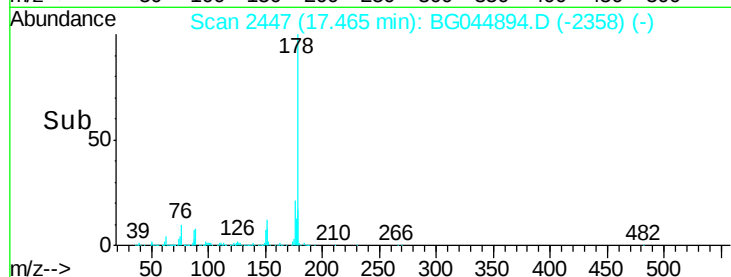
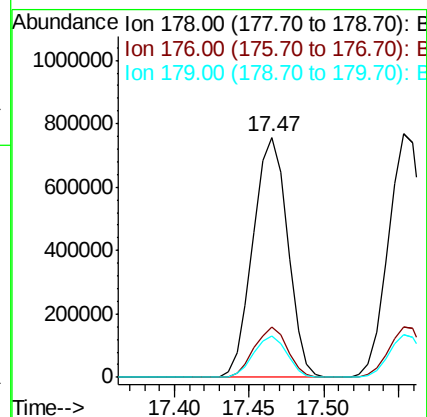
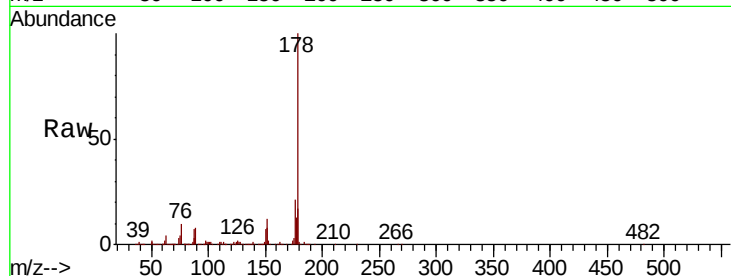
176 21.2 16.6 24.8

179 17.1 13.5 20.3

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#72

Anthracene

Concen: 50.028 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

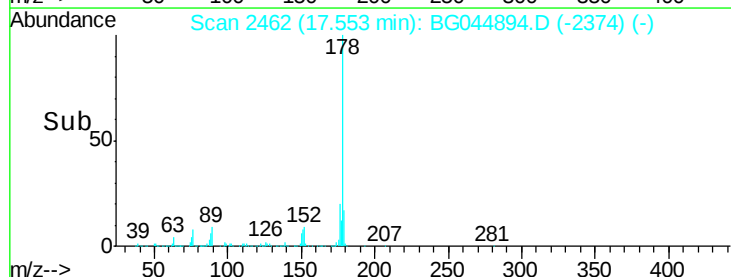
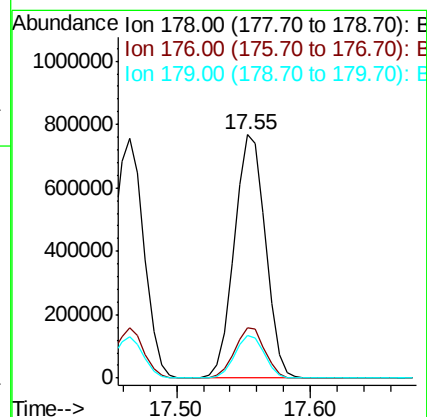
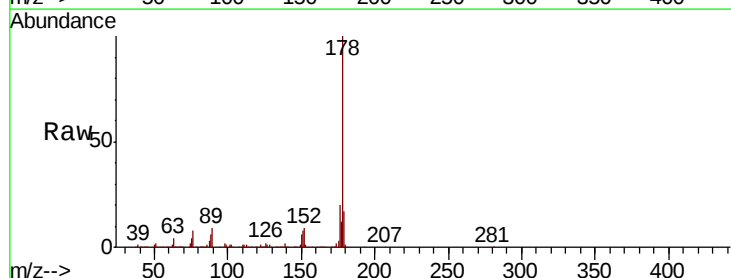
Tgt Ion:178 Resp: 1243758

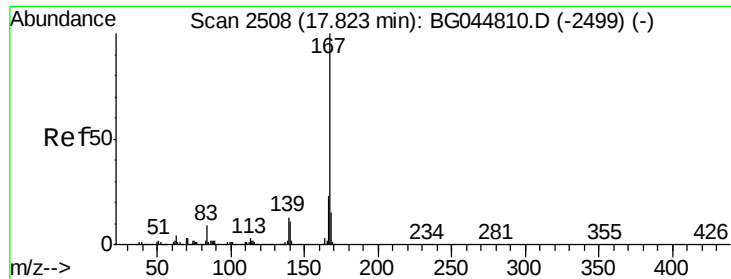
Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

179 17.3 13.2 19.8





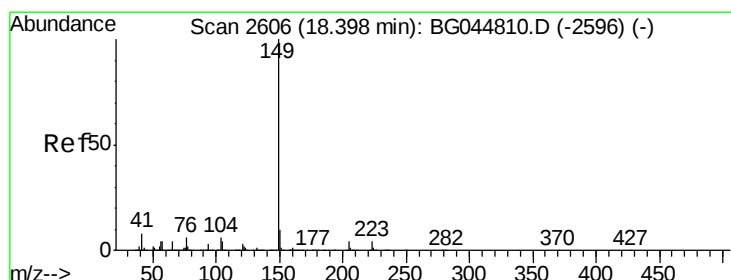
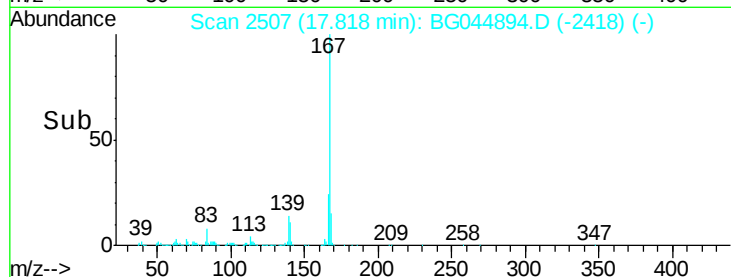
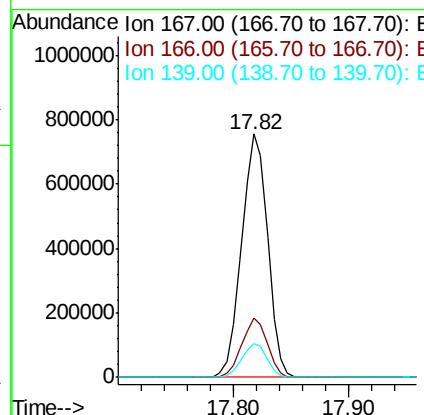
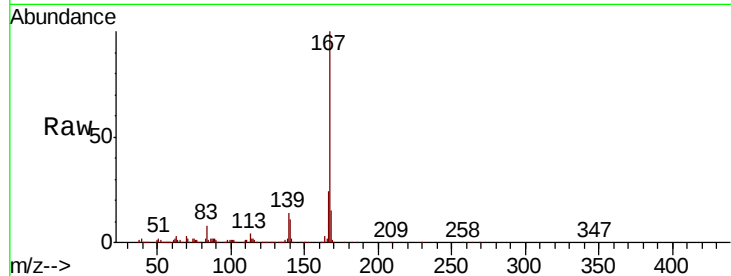
#73
 Carbazole
 Concen: 49.339 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.8	28.2
139	13.6	10.8	16.2

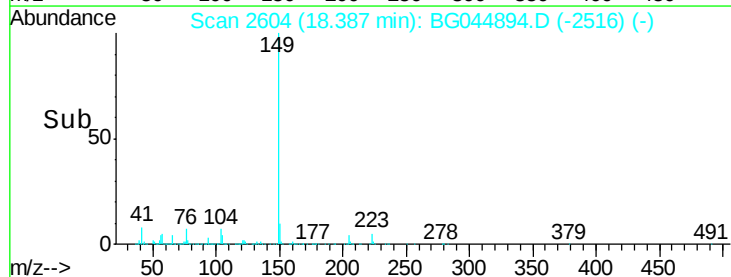
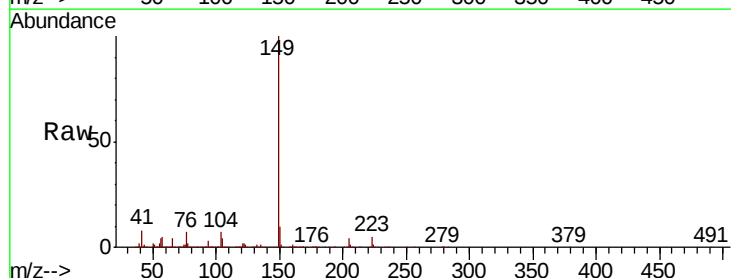
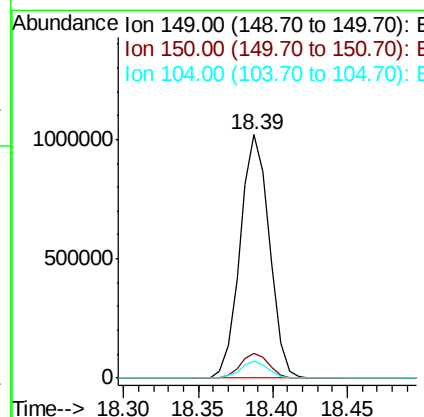
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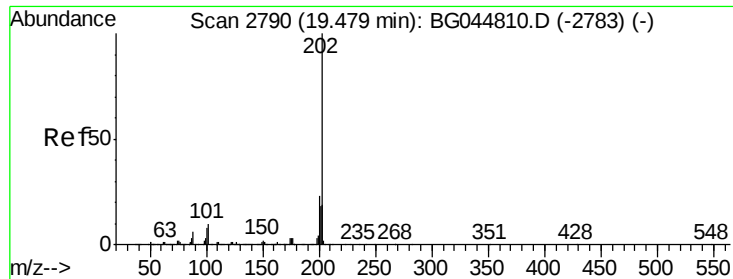
mohammad
 3/23/2020 9:39:12 AM



#74
 Di-n-butylphthalate
 Concen: 47.844 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	7.0	5.0	7.4





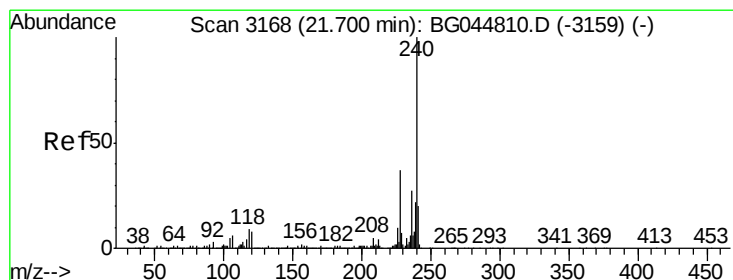
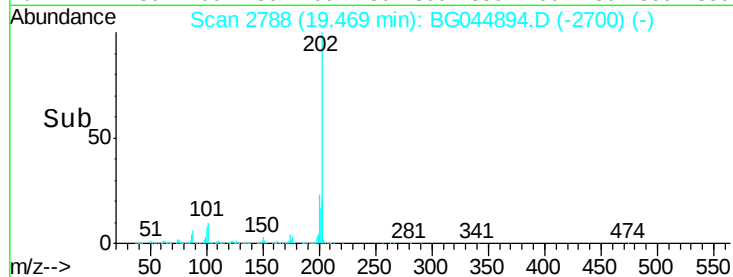
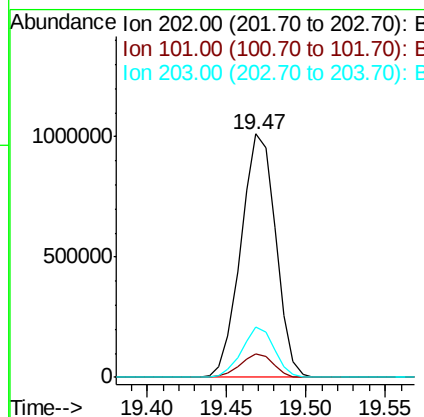
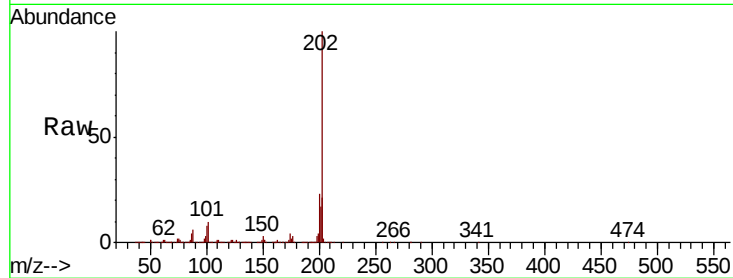
#75
Fluoranthene
Concen: 51.370 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1542131		
101	9.6		0.0	29.8
203	20.8		0.0	39.4

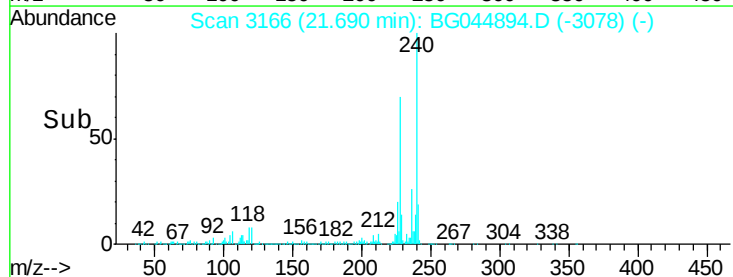
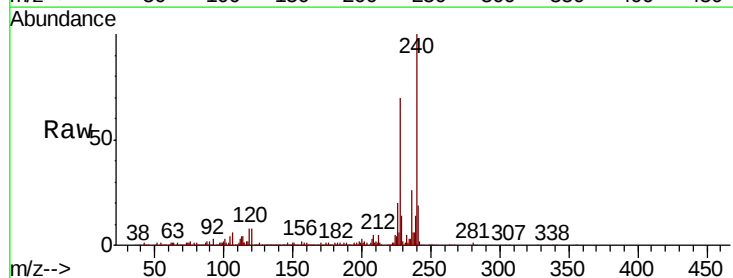
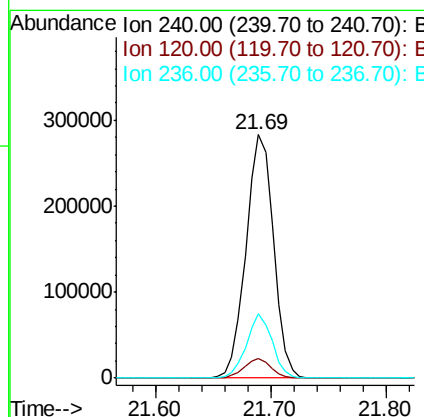
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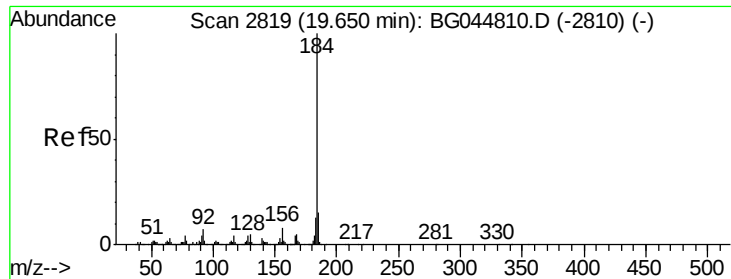
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	468747		
120	7.9		6.7	10.1
236	26.3		21.5	32.3





#77

Benzidine

Concen: 25.711 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

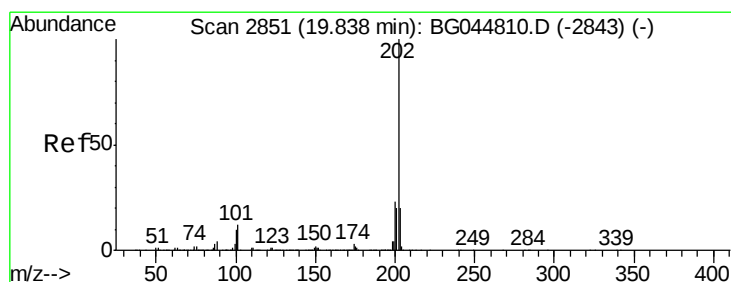
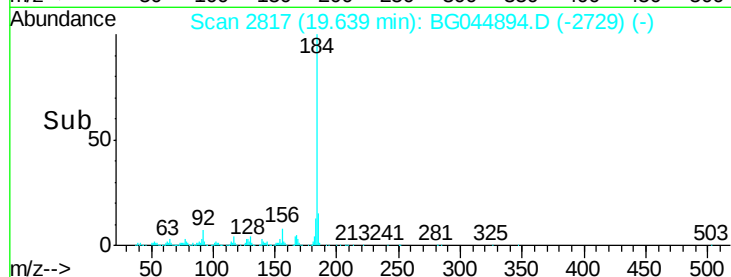
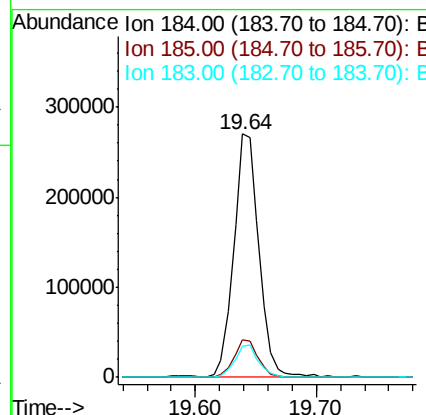
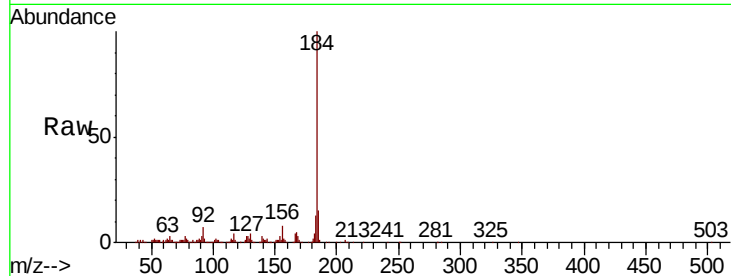
ClientSampleId :

OR-02-031620MSD

Tot Ion:	184	Resp:	391250
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.4
183	12.5	10.7	16.1

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#78

Pyrene

Concen: 44.684 ng

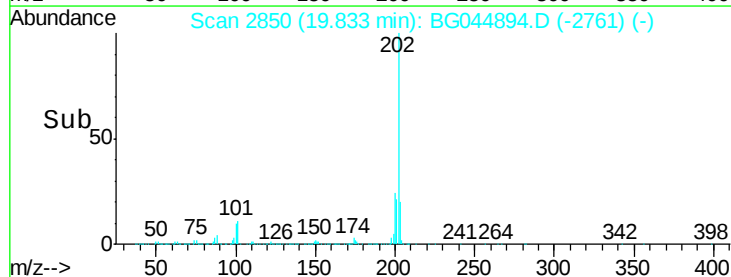
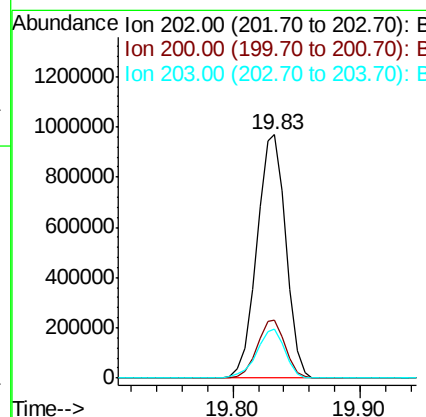
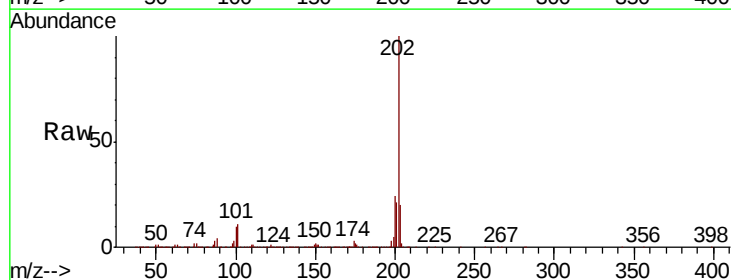
RT: 19.83 min Scan# 2850

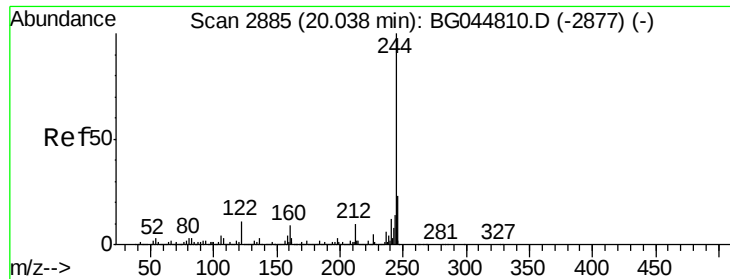
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	202	Resp:	1536713
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.3	27.5
203	20.1	15.6	23.4





#79

Terphenyl-d14

Concen: 87.654 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

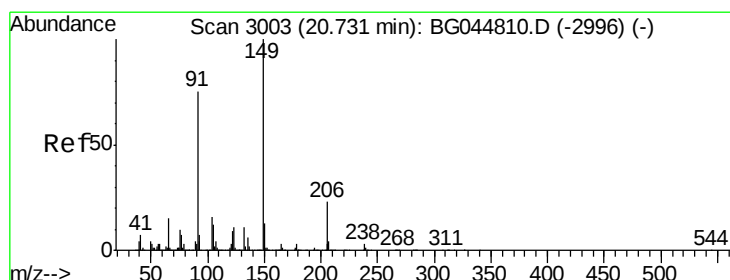
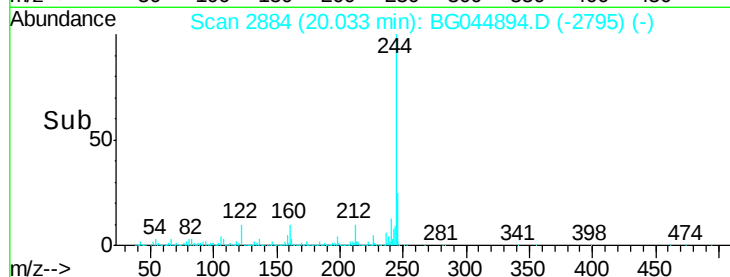
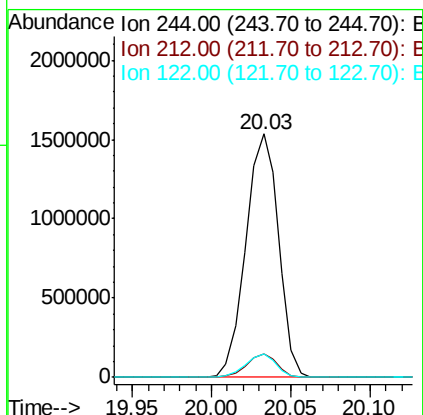
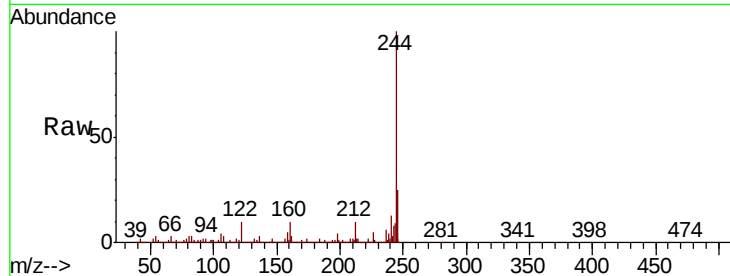
ClientSampleId :

OR-02-031620MSD

Tot Ion:	244	Resp:	2196561
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	9.9	8.6	12.8

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#80

Butylbenzylphthalate

Concen: 44.142 ng

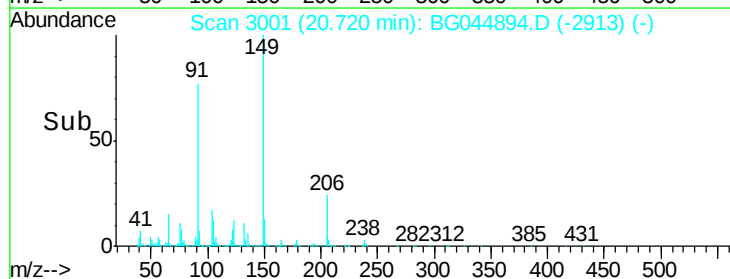
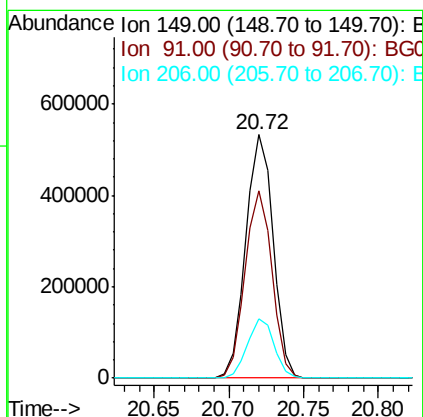
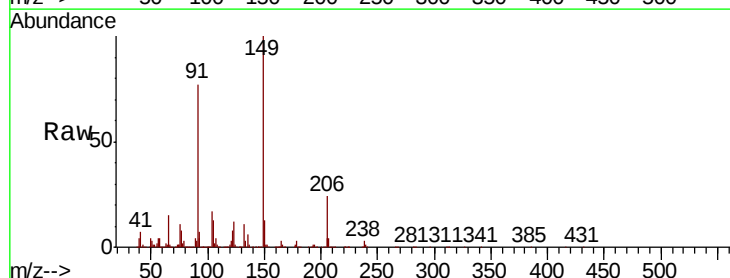
RT: 20.72 min Scan# 3001

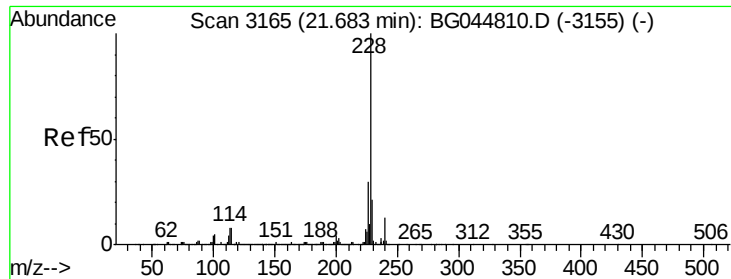
Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	149	Resp:	675359
Ion	Ratio	Lower	Upper
149	100		
91	77.1	60.2	90.4
206	24.1	18.6	27.8





#81

Benzo(a)anthracene

Concen: 44.984 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

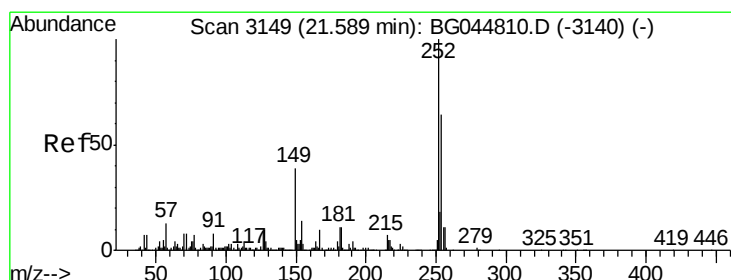
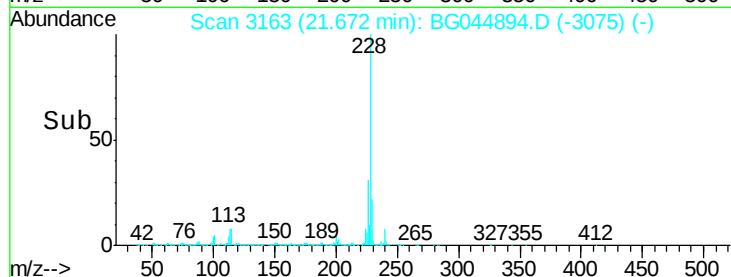
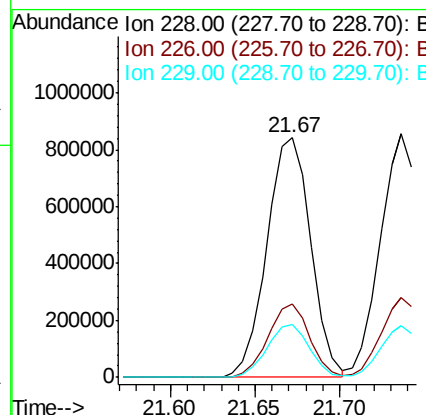
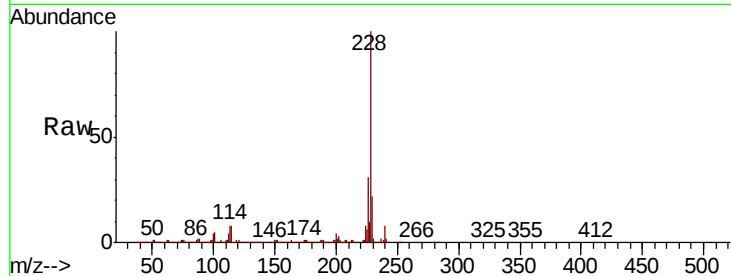
ClientSampleId :

OR-02-031620MSD

Tot Ion:	228	Resp:	1518352
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	22.1	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 19.232 ng

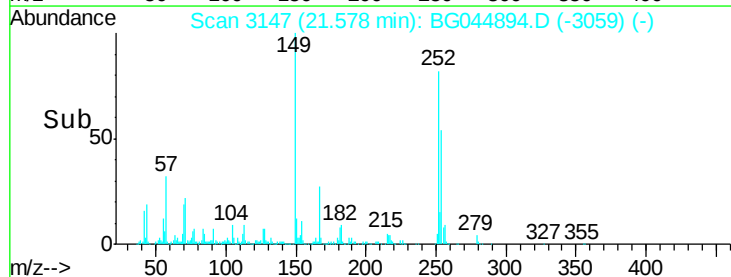
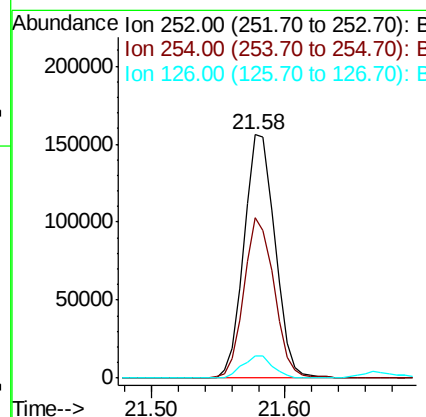
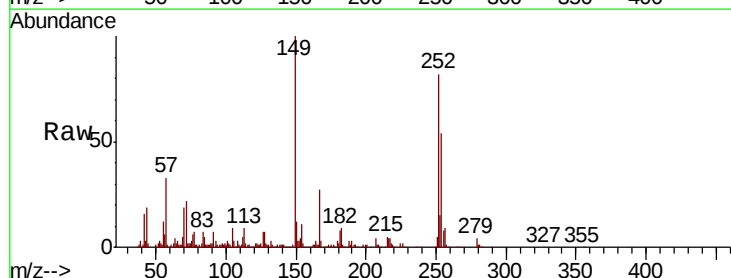
RT: 21.58 min Scan# 3147

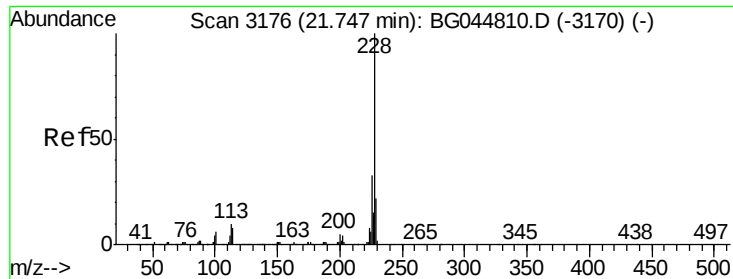
Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:	252	Resp:	251131
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.6	77.4
126	9.0	7.0	10.6





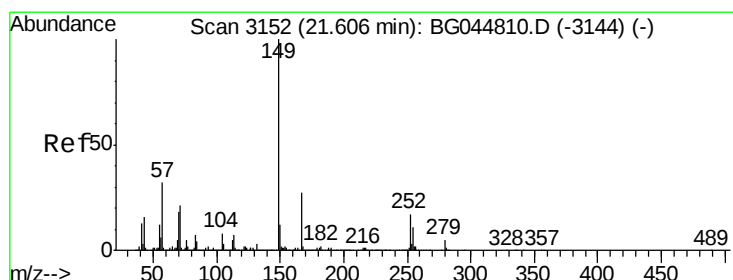
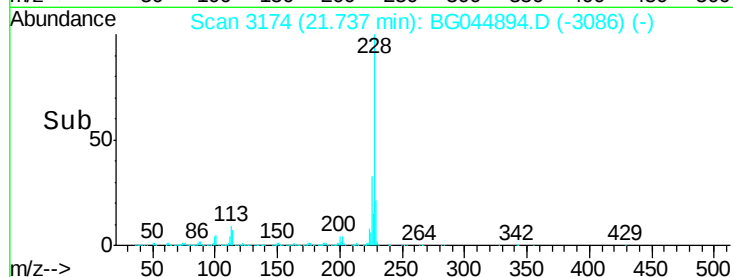
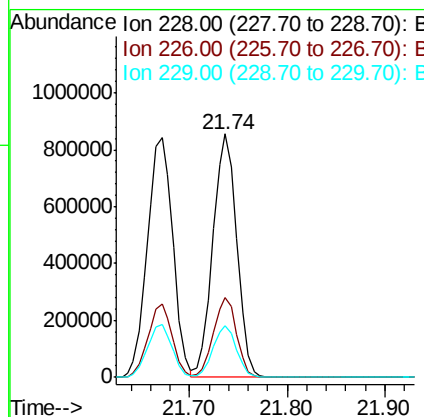
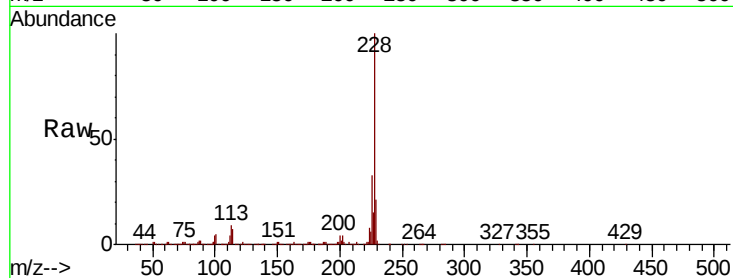
#83
 Chrvsene
 Concen: 44.823 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.9	38.9
229	21.4	17.4	26.0

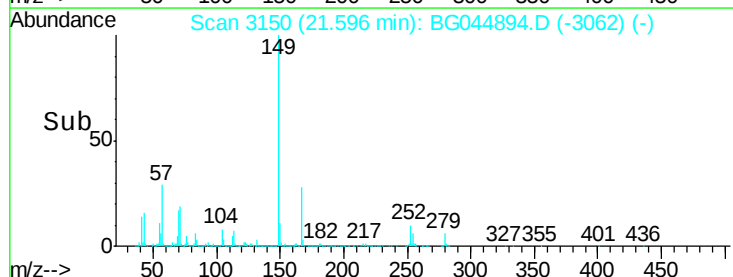
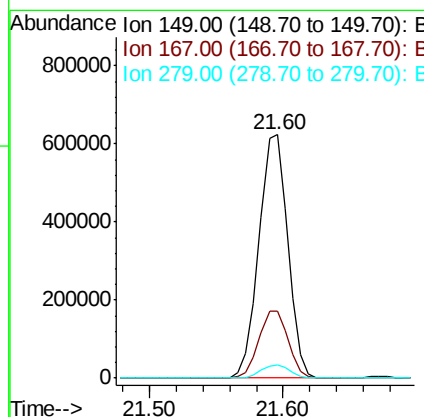
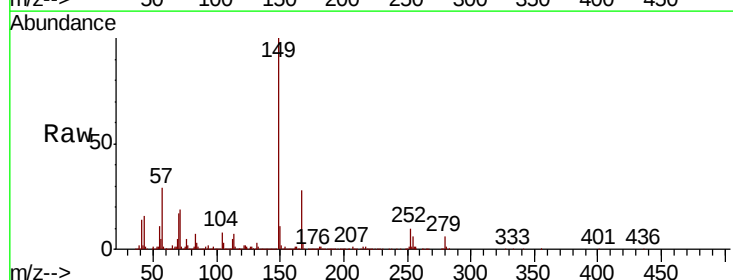
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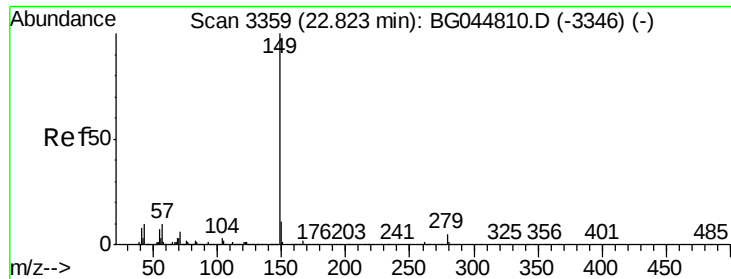
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.953 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.6
279	5.5	3.8	5.6





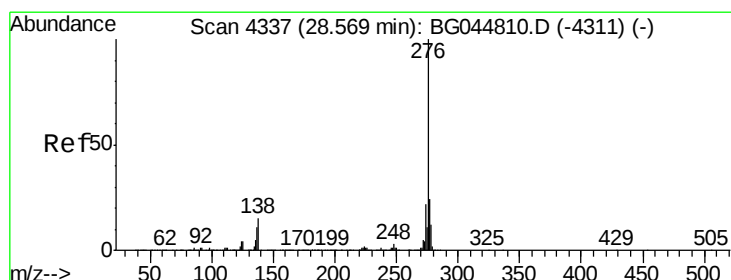
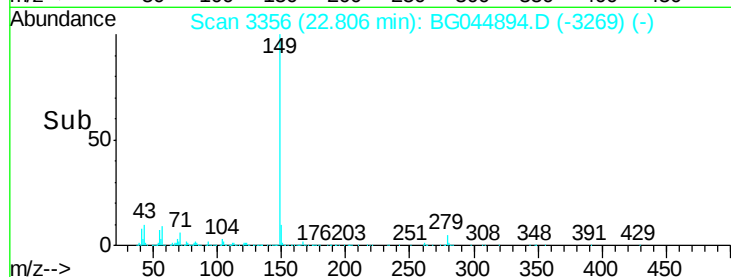
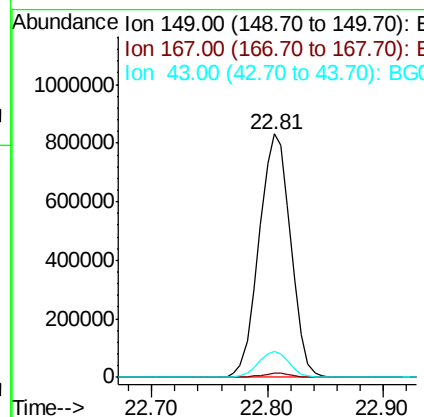
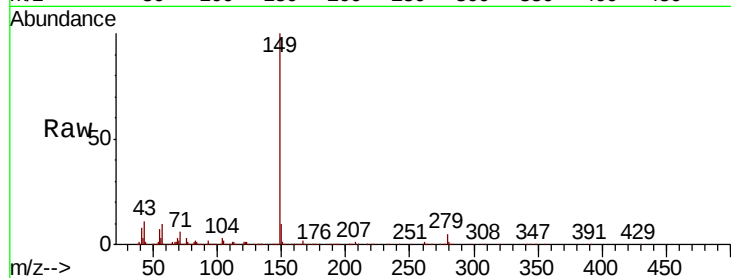
#85
Di-n-octyl phthalate
Concen: 44.756 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion:149 Resp: 1581424
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.1 8.2 12.4

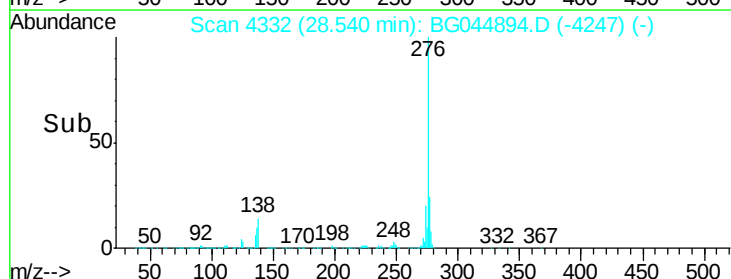
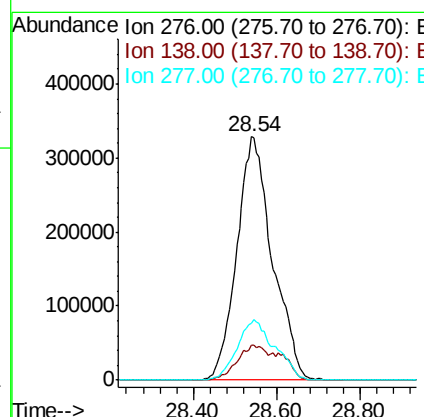
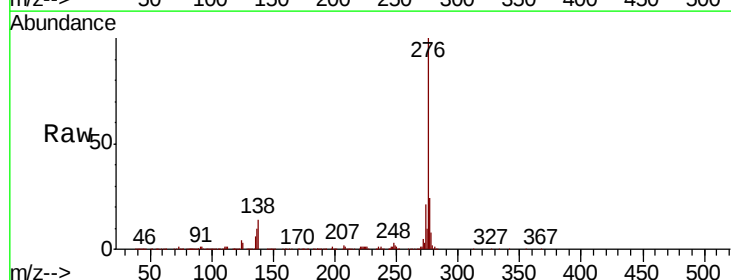
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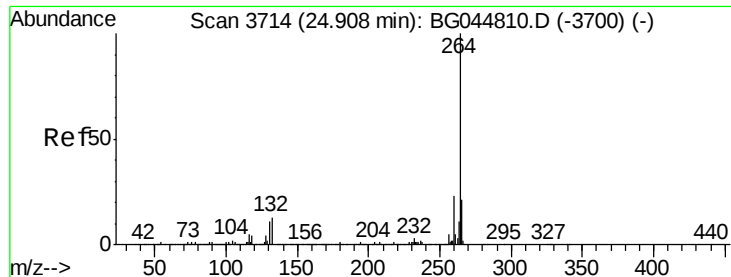
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.186 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.03 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:276 Resp: 1952289
Ion Ratio Lower Upper
276 100
138 13.4 7.4 11.0#
277 26.2 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

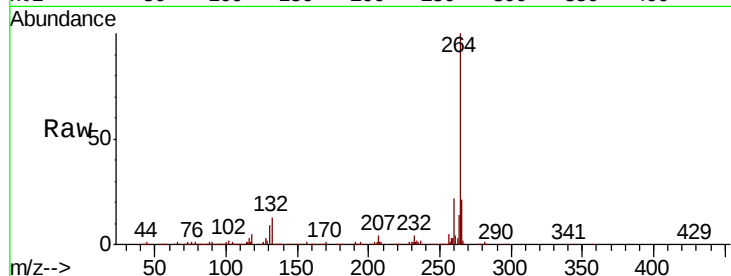
ClientSampleId :

OR-02-031620MSD

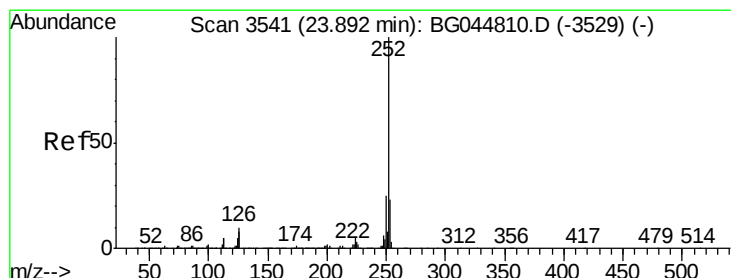
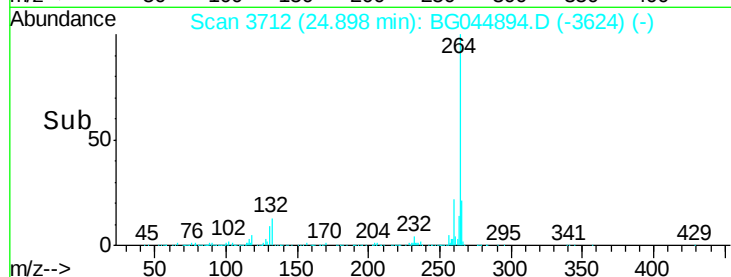
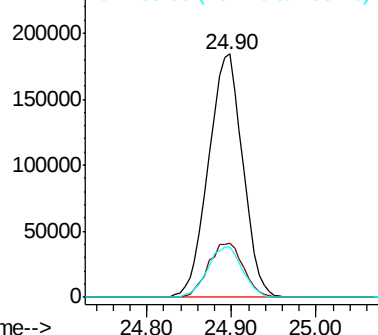
Tot Ion:	264	Resp:	518310
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.1	27.1
265	20.9	17.1	25.7

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



#88

Benzo(b)fluoranthene

Concen: 48.329 ng

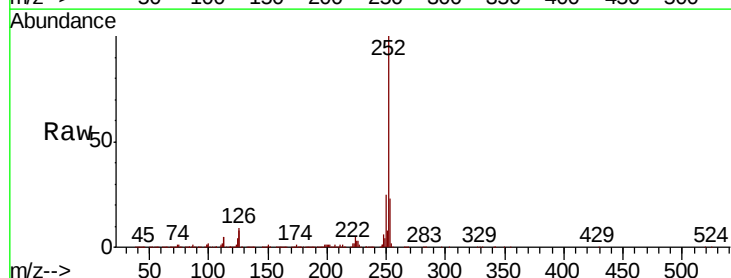
RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

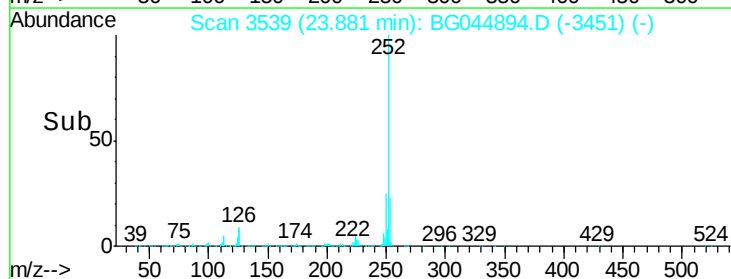
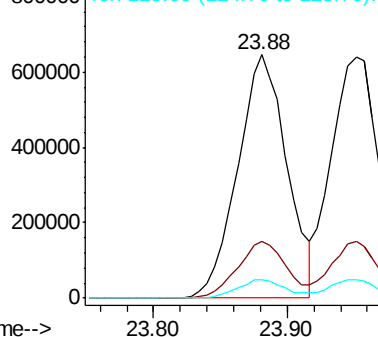
Lab File: BG044894.D

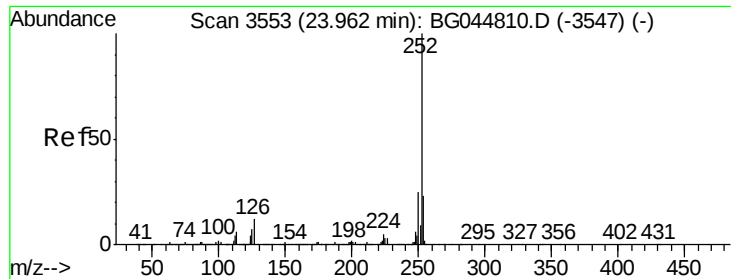
Acq: 19 Mar 2020 12:20

Tgt Ion:	252	Resp:	1653695
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	7.7	6.6	9.8



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





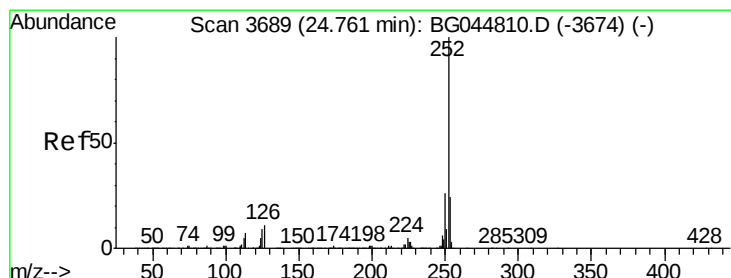
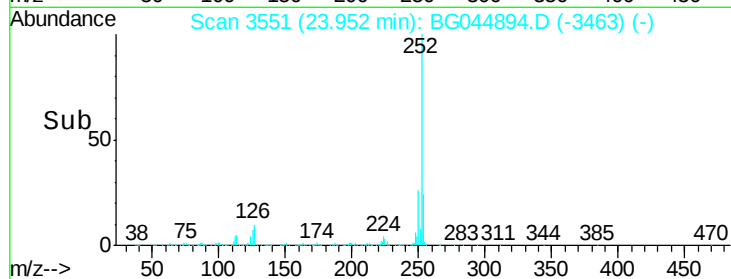
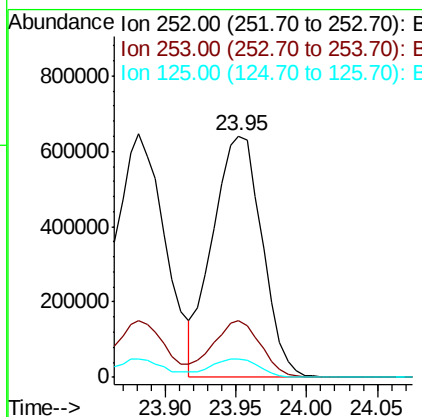
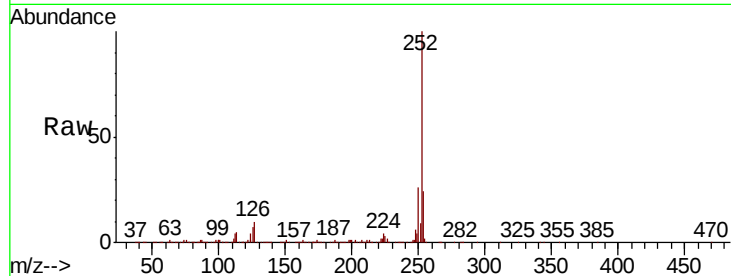
#89
Benzo(k)fluoranthene
Concen: 48.121 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	7.3	6.2	9.2

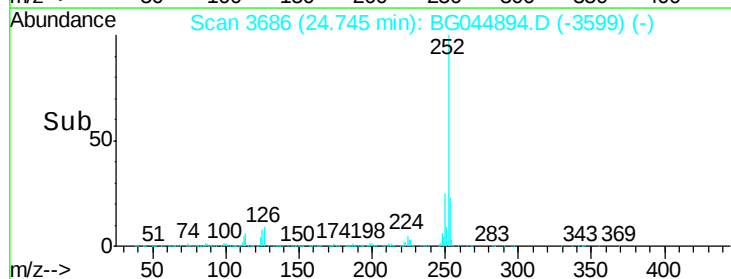
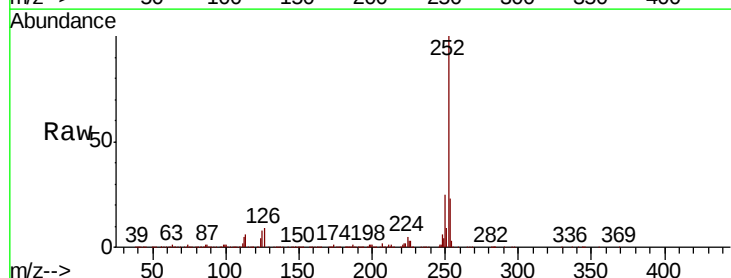
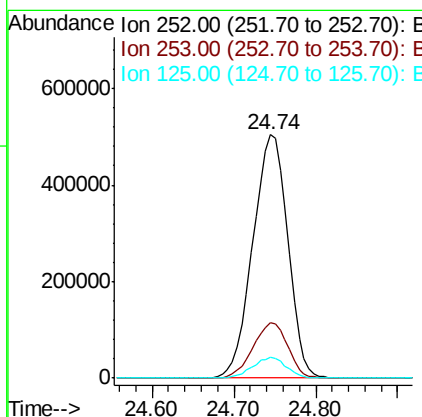
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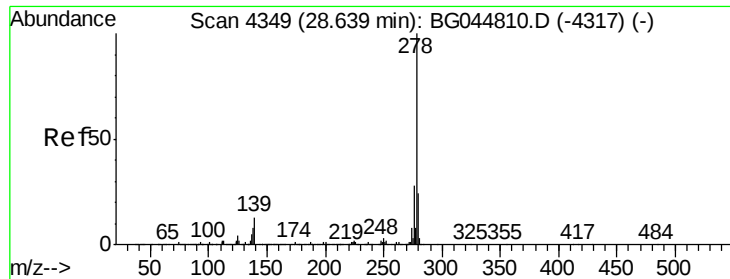
mohammad
3/23/2020 9:39:12 AM



#90
Benzo(a)pyrene
Concen: 46.918 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	8.4	7.2	10.8





#91

Dibenzo(a,h)anthracene

Concen: 49.888 ng

RT: 28.62 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

OR-02-031620MSD

Tot Ion:278 Resp: 1575829

Ion Ratio Lower Upper

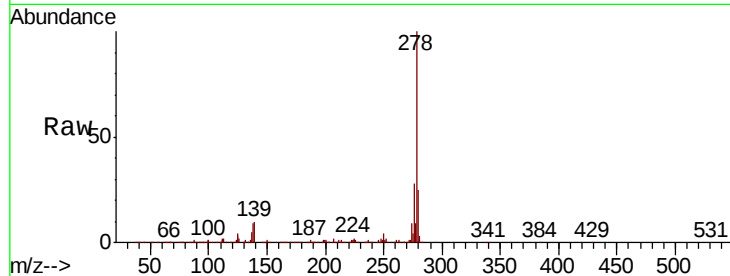
278 100

139 10.2 10.2 15.2

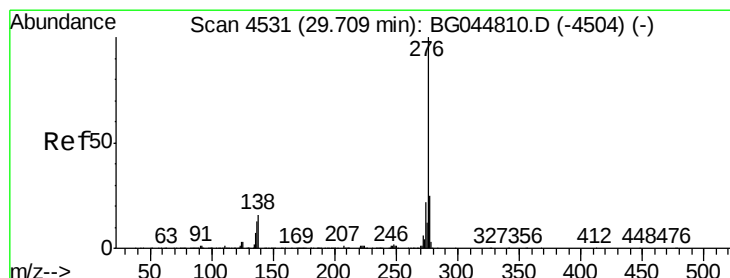
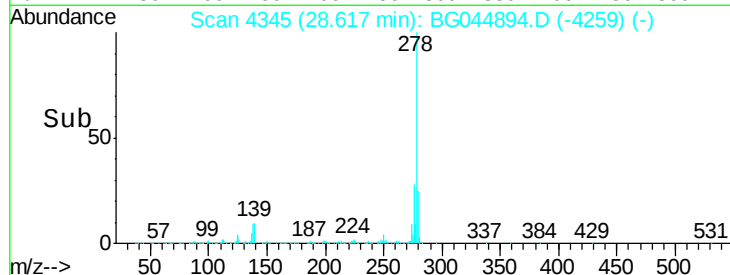
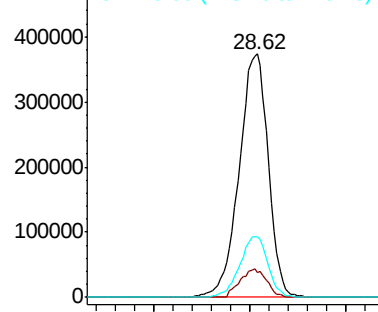
279 25.0 18.9 28.3

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



#92

Benzo(g,h,i)perylene

Concen: 51.184 ng

RT: 29.69 min Scan# 4527

Delta R.T. -0.02 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

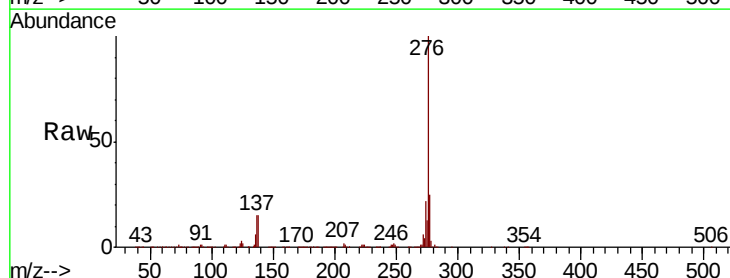
Tgt Ion:276 Resp: 1633470

Ion Ratio Lower Upper

276 100

277 25.4 20.1 30.1

138 15.0 13.0 19.6



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

