

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044887.D
 Acq On : 19 Mar 2020 7:43
 Operator : CG/JU
 Sample : PB127567BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Manual Integrations
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Quant Time: Mar 19 11:33:41 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	75112	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	284775	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	187814	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	461199	20.00	ng	0.00
76) Chrysene-d12	21.69	240	476986	20.00	ng	0.00
87) Perylene-d12	24.89	264	524333	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	600786	124.51	ng	0.00
7) Phenol-d6	7.20	99	819407	116.88	ng	0.00
23) Nitrobenzene-d5	9.20	82	520538	80.21	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	359532	146.20	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1126755	85.91	ng	0.00
79) Terphenyl-d14	20.03	244	2030549	79.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	79273	34.117	ng	98
3) Pyridine	3.90	79	200258	29.113	ng	95
4) n-Nitrosodimethylamine	3.81	42	104392	39.999	ng	92
6) Aniline	7.36	93	273686	31.374	ng	98
8) 2-Chlorophenol	7.61	128	230386	47.831	ng	99
9) Benzaldehyde	7.17	77	177347	42.187	ng	98
10) Phenol	7.23	94	303998	43.800	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	220599	39.825	ng	99
12) 1,3-Dichlorobenzene	7.93	146	242987	40.952	ng	98
13) 1,4-Dichlorobenzene	8.08	146	245901	41.920	ng	97
14) 1,2-Dichlorobenzene	8.40	146	226174	40.654	ng	97
15) Benzyl Alcohol	8.27	79	234646	41.716	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328794	33.636	ng	98
17) 2-Methylphenol	8.48	107	204325	43.460	ng	95
18) Hexachloroethane	9.14	117	92009	39.841	ng	85
19) n-Nitroso-di-n-propylamine	8.85	70	183694	37.108	ng	99
20) 3+4-Methylphenols	8.81	107	287515	44.363	ng	97
22) Acetophenone	8.86	105	337153	41.791	ng	98
24) Nitrobenzene	9.24	77	283103	42.042	ng	100
25) Isophorone	9.77	82	515692	40.715	ng	98
26) 2-Nitrophenol	9.96	139	122597	51.932	ng	98
27) 2,4-Dimethylphenol	10.02	122	217634	52.764	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	299444	39.615	ng	98
29) 2,4-Dichlorophenol	10.49	162	230084	47.758	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	246413	42.776	ng	98
31) Naphthalene	10.90	128	676302	42.871	ng	99
32) Benzoic acid	10.16	122	134000	42.971	ng	97
33) 4-Chloroaniline	11.00	127	142550	20.057	ng	97
34) Hexachlorobutadiene	11.20	225	161763	42.701	ng	91
35) Caprolactam	11.76	113	80121m	43.925	ng	
36) 4-Chloro-3-methylphenol	12.12	107	261327	45.481	ng	97
37) 2-Methylnaphthalene	12.51	142	501134	42.467	ng	97
38) 1-Methylnaphthalene	12.72	142	476174	42.922	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	272359	44.033	ng	98

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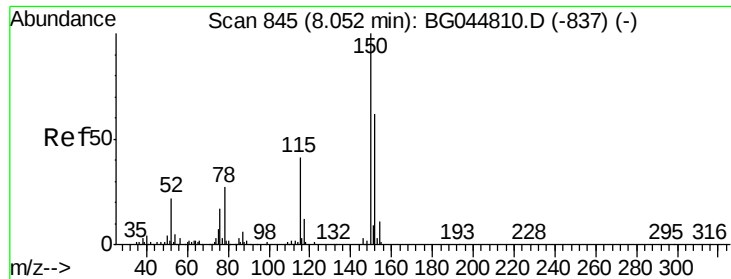
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	393644	116.453	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	203361	49.541	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	219463	51.553	nq	99
46) 1,1'-Biphenyl	13.51	154	630084	41.981	nq	99
47) 2-Chloronaphthalene	13.55	162	486334	42.418	nq	98
48) 2-Nitroaniline	13.74	65	181004	45.094	nq	98
49) Acenaphthylene	14.39	152	827982	46.096	nq	100
50) Dimethylphthalate	14.13	163	669945	44.787	nq	98
51) 2,6-Dinitrotoluene	14.24	165	156085	51.767	nq	95
52) Acenaphthene	14.74	154	611452	51.979	nq	96
53) 3-Nitroaniline	14.56	138	107603	31.041	nq	94
54) 2,4-Dinitrophenol	14.77	184	193957	118.617	nq	90
55) Dibenzofuran	15.08	168	778394	45.630	nq	99
56) 4-Nitrophenol	14.88	139	275674	104.201	nq	97
57) 2,4-Dinitrotoluene	15.03	165	220714	53.374	nq	98
58) Fluorene	15.72	166	644139	45.903	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	209123m	53.357	nq	
60) Diethylphthalate	15.49	149	689777	44.212	nq	100
61) 4-Chlorophenyl-phenylether	15.72	204	348816	46.164	nq	99
62) 4-Nitroaniline	15.73	138	161767	43.763	nq	97
63) Azobenzene	16.01	77	691558	42.685	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	135021	59.924	nq	96
66) n-Nitrosodiphenylamine	15.93	169	587611	42.319	nq	96
67) 4-Bromophenyl-phenylether	16.61	248	245045	42.501	nq	98
68) Hexachlorobenzene	16.73	284	266300	42.573	nq	98
69) Atrazine	16.88	200	244692	48.099	nq	99
70) Pentachlorophenol	17.07	266	350798	101.927	nq	99
71) Phenanthrene	17.46	178	1081128	43.867	nq	100
72) Anthracene	17.56	178	1102735	45.376	nq	99
73) Carbazole	17.82	167	1050640	45.007	nq	100
74) Di-n-butylphthalate	18.39	149	1264034	44.544	nq	99
75) Fluoranthene	19.47	202	1419714	48.380	nq	99
77) Benzidine	19.64	184	821966	53.082	nq	99
78) Pyrene	19.83	202	1415993	40.463	nq	99
80) Butylbenzylphthalate	20.72	149	617299	39.650	nq	99
81) Benzo(a)anthracene	21.67	228	1428592	41.594	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	408960	30.778	nq	97
83) Chrysene	21.74	228	1341749	40.896	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	850142	39.566	nq	# 96
85) Di-n-octyl phthalate	22.81	149	1469118	40.860	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1808631	42.049	nq	# 98
88) Benzo(b)fluoranthene	23.88	252	1503996	43.449	nq	99
89) Benzo(k)fluoranthene	23.95	252	1462195	44.637	nq	98
90) Benzo(a)pyrene	24.75	252	1389698	42.906	nq	98
91) Dibenzo(a,h)anthracene	28.61	278	1453513	45.487	nq	# 98
92) Benzo(g,h,i)perylene	29.68	276	1489669	46.142	nq	98

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



#1

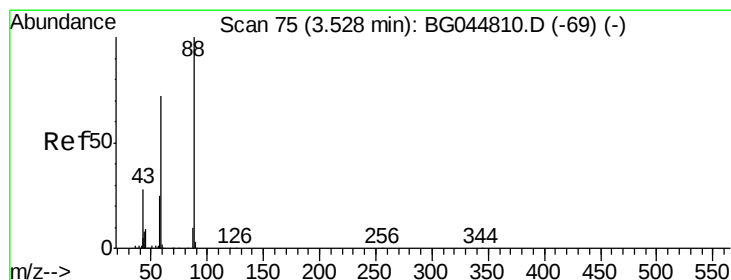
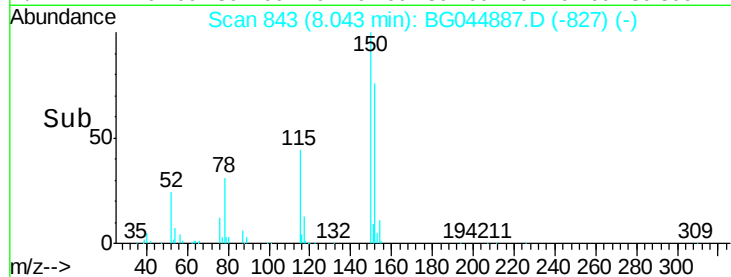
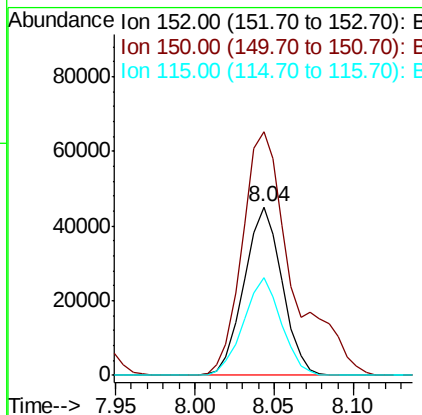
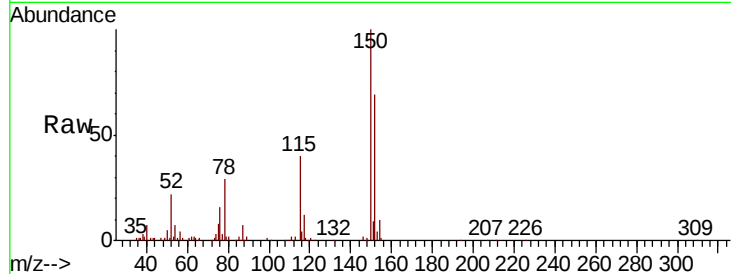
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	128.8	193.2
115	58.2	52.6	79.0

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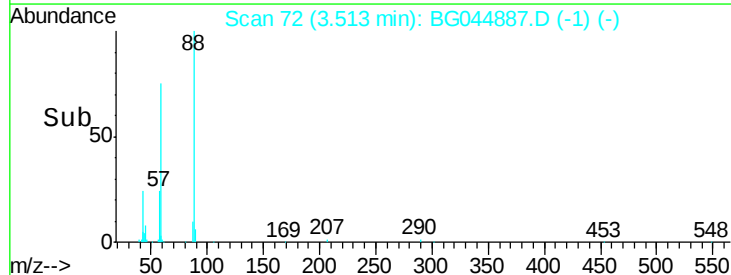
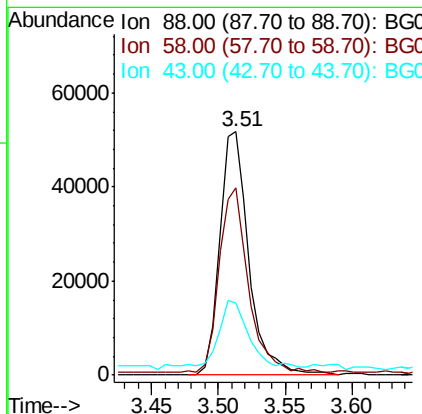
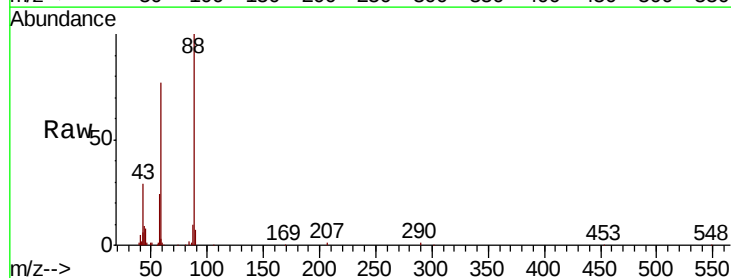
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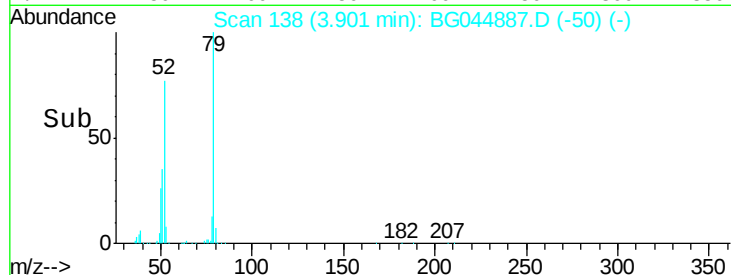
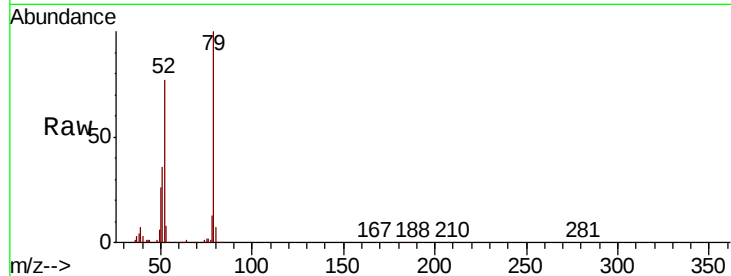
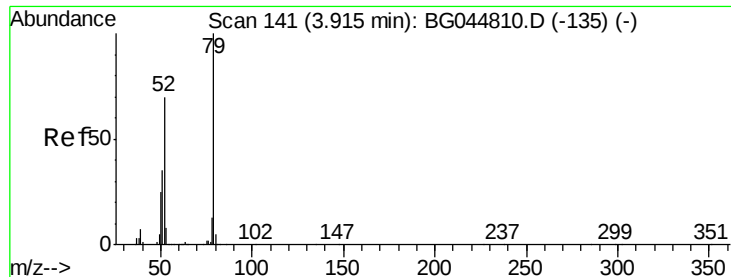


#2

1,4-Dioxane
Concen: 34.117 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	63.0	94.4
43	29.9	24.8	37.2





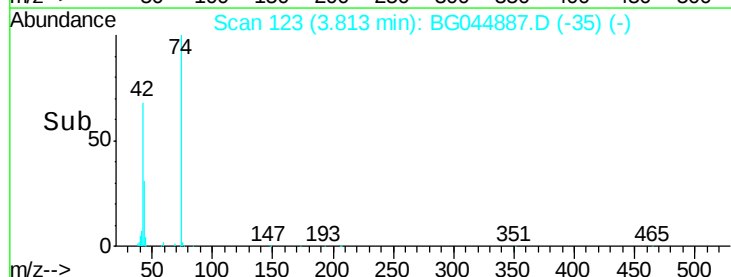
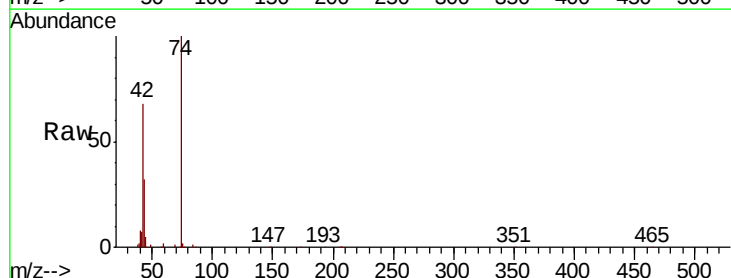
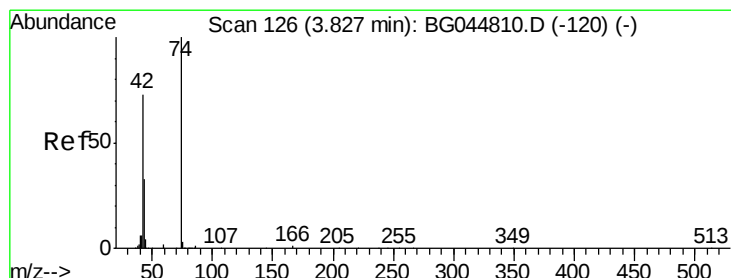
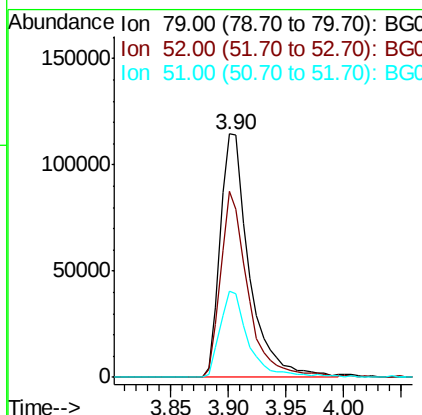
#3
 Pvridine
 Concen: 29.113 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.5	56.3	84.5
51	35.6	28.1	42.1

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

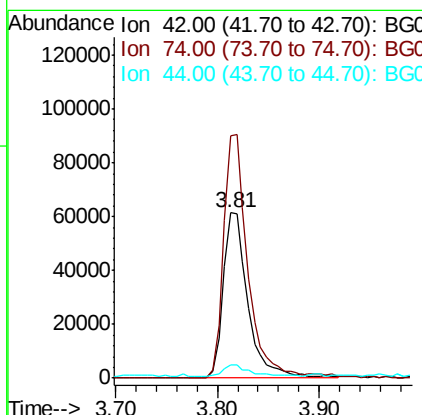
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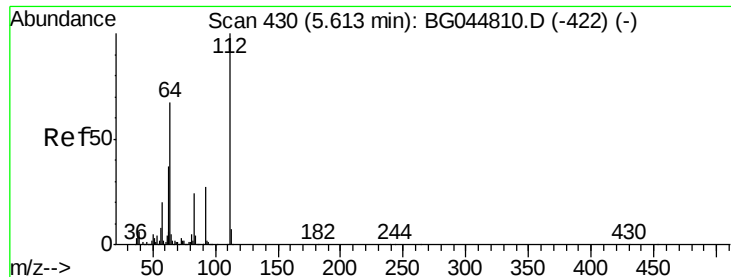
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#4
 n-Nitrosodimethylamine
 Concen: 39.999 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.3	109.1	163.7
44	7.8	5.4	8.2





#5

2-Fluorophenol

Concen: 124.513 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

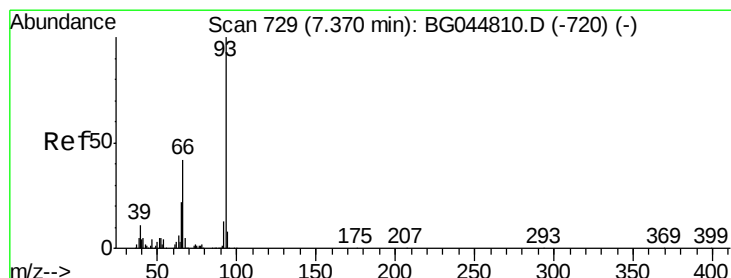
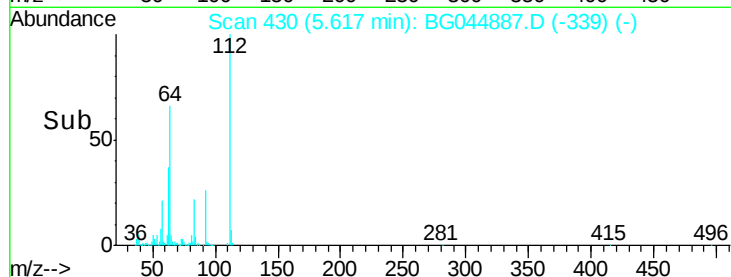
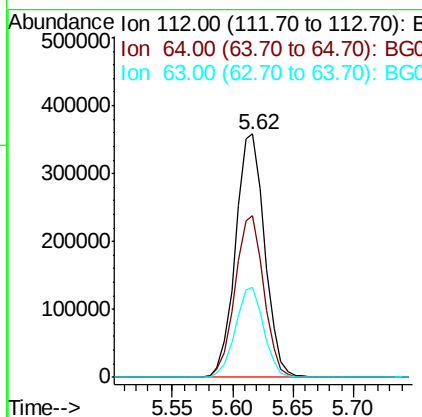
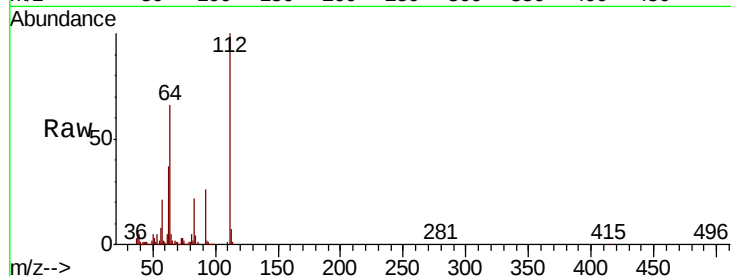
ClientSampleId :

PB127567BS

Tot Ion:	112	Resp:	600786
Ion Ratio	Lower	Upper	
112	100		
64	66.3	53.4	80.2
63	36.9	29.4	44.2

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#6

Aniline

Concen: 31.374 ng

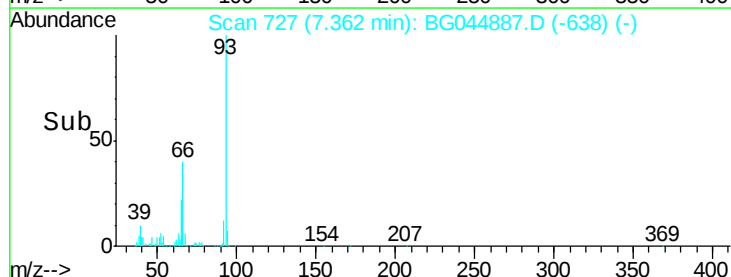
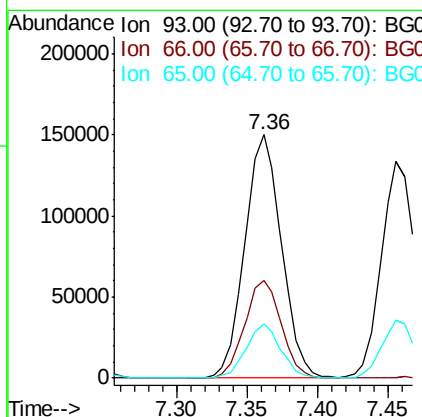
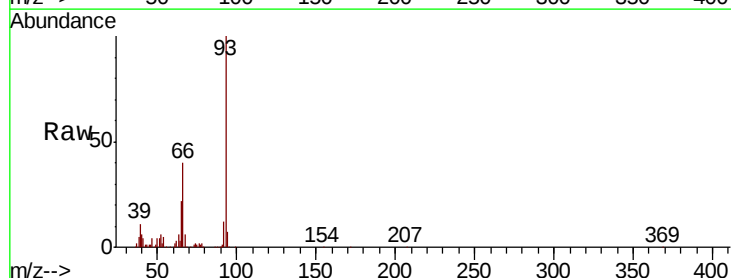
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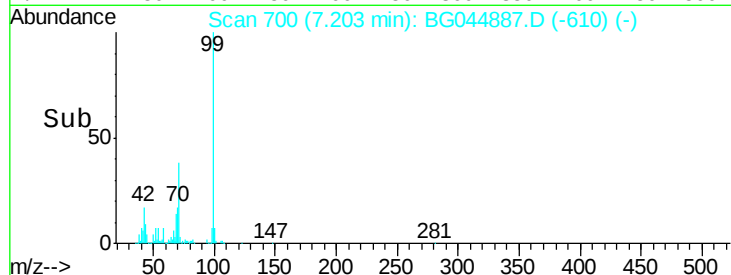
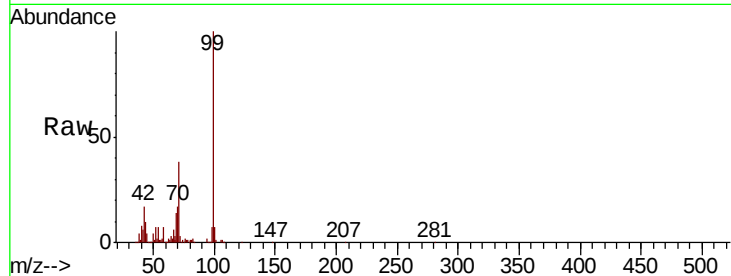
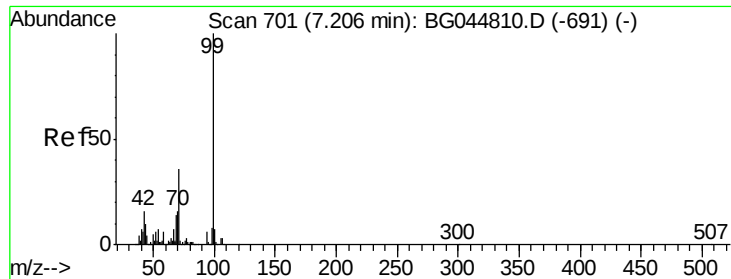
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	93	Resp:	273686
Ion Ratio	Lower	Upper	
93	100		
66	40.1	33.7	50.5
65	22.2	17.7	26.5





#7

Phenol-d6

Concen: 116.882 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tot Ion:	99	Resp:	819407
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.6	19.0
71	37.6	29.0	43.4

Instrument :

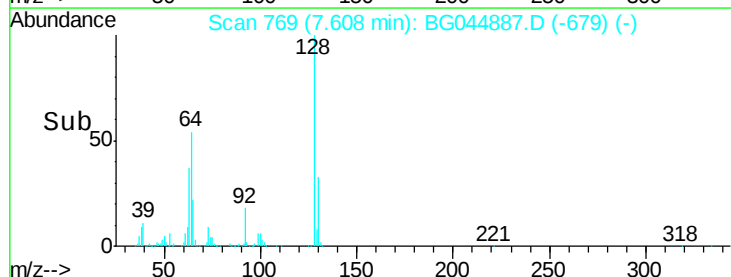
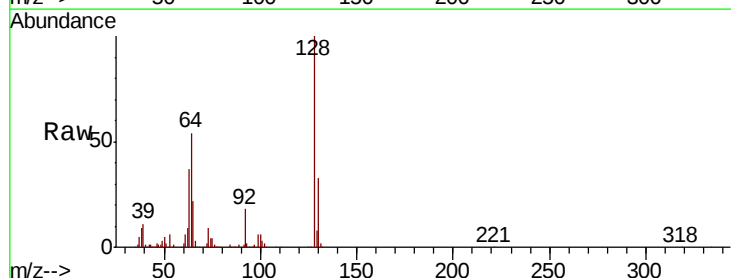
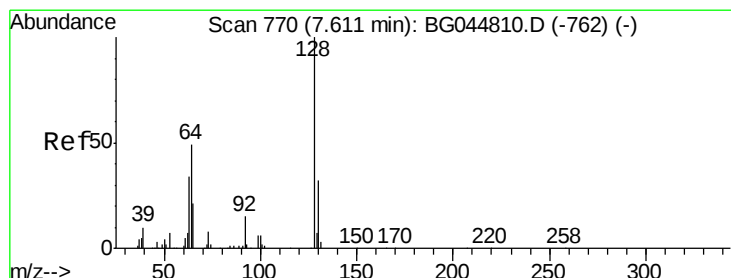
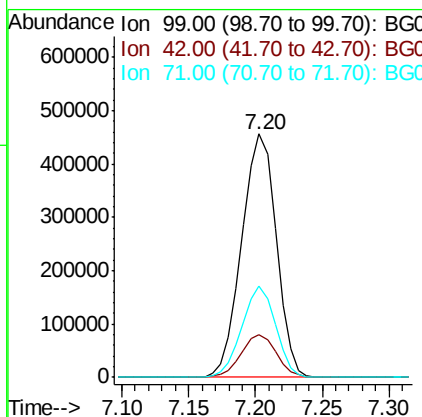
BNA_G

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#8

2-Chlorophenol

Concen: 47.831 ng

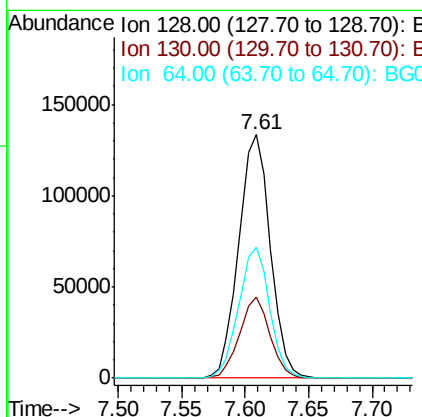
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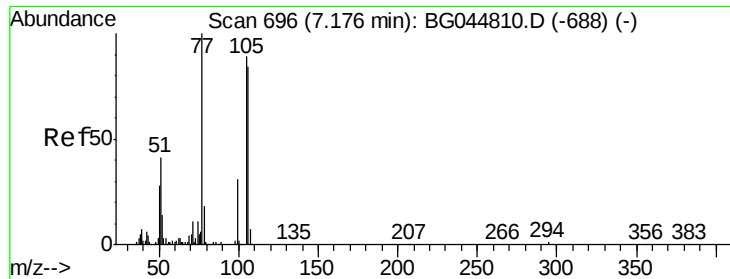
Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	128	Resp:	230386
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.6	51.6
64	53.9	34.5	74.5





#9

Benzaldehyde

Concen: 42.187 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

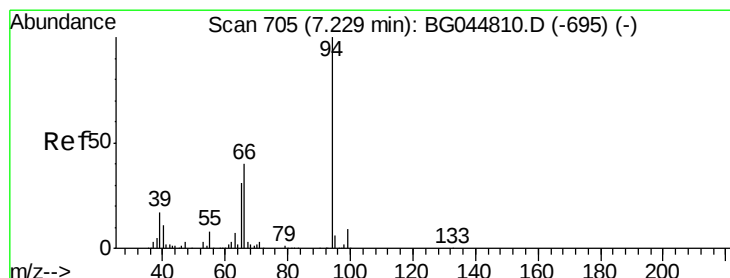
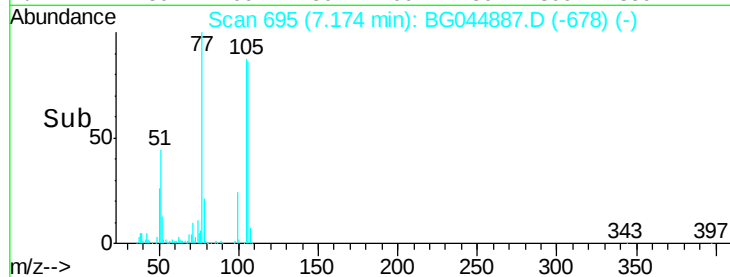
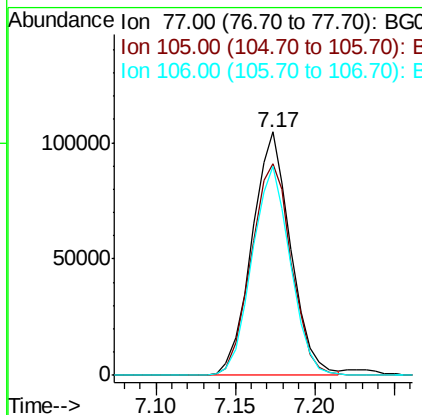
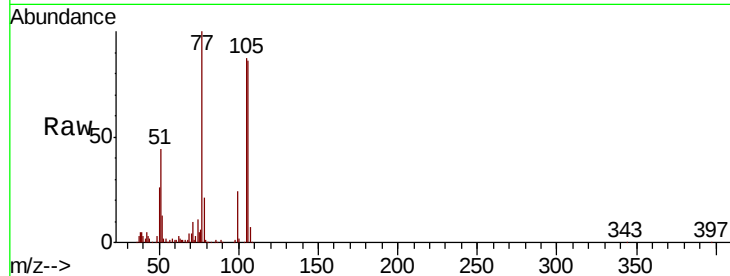
ClientSampled :

PB127567BS

Tot Ion:	77	Resp:	177347
Ion Ratio	Lower	Upper	
77	100		
105	87.1	69.3	109.3
106	85.9	64.5	104.5

Manual Integrations
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#10

Phenol

Concen: 43.800 ng

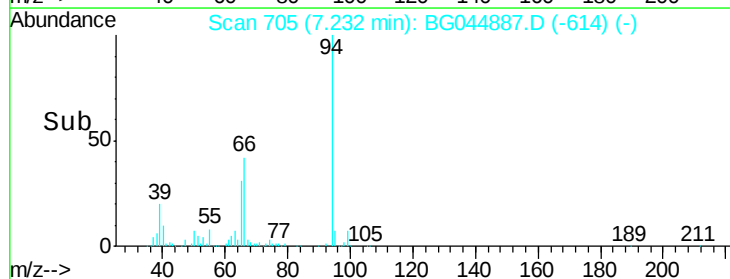
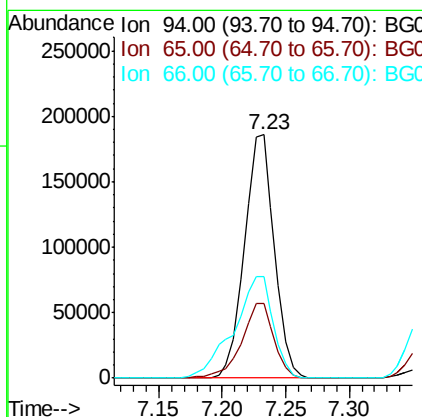
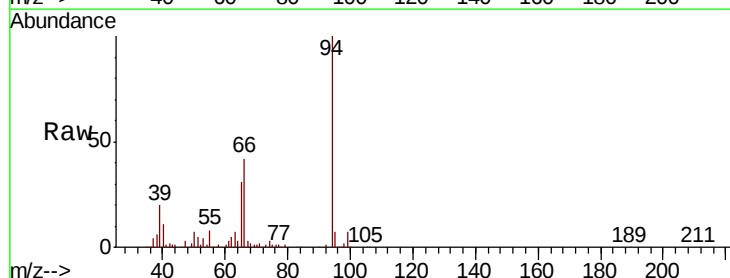
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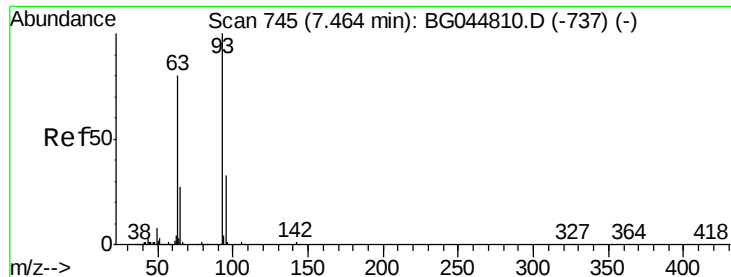
Delta R.T. 0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	94	Resp:	303998
Ion Ratio	Lower	Upper	
94	100		
65	30.5	11.0	51.0
66	41.6	20.1	60.1





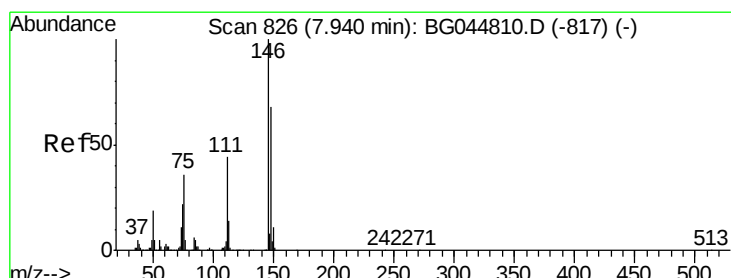
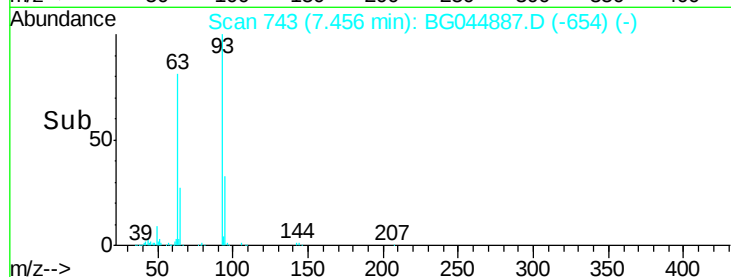
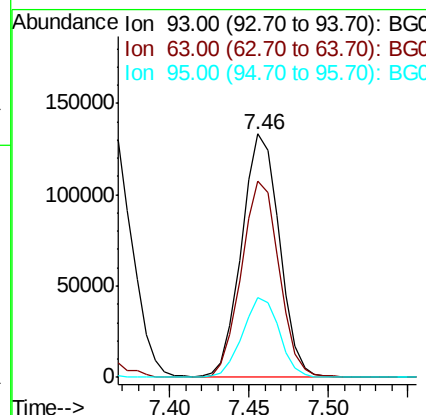
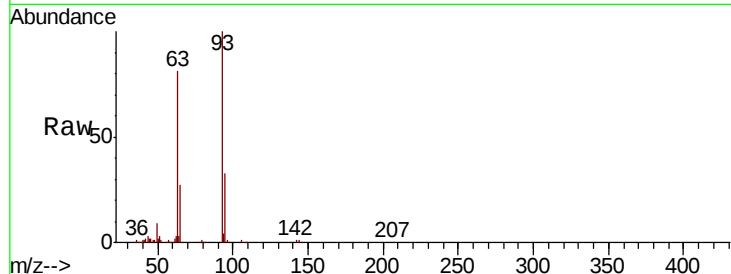
#11
bis(2-Chloroethyl)ether
Concen: 39.825 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		220599		
63	80.8	59.7	99.7		
95	32.8	13.1	53.1		

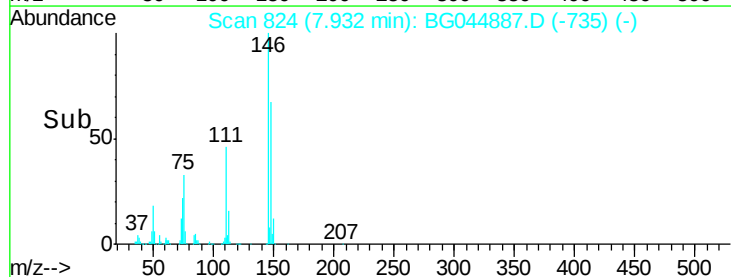
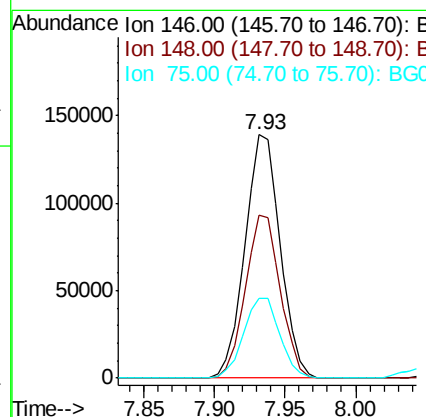
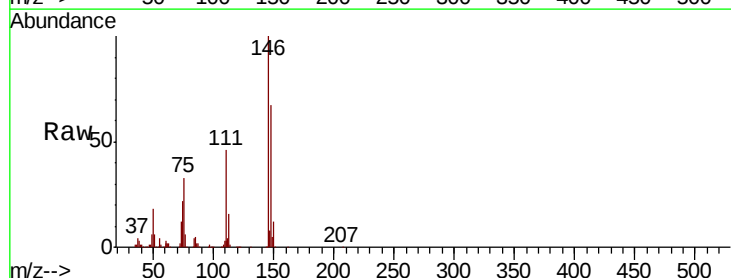
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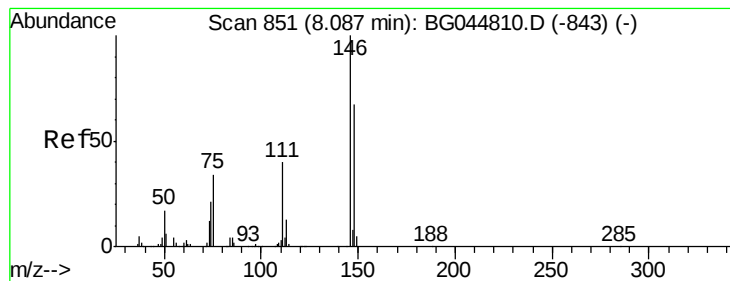
mohammad
3/19/2020 12:35:00 PM



#12
1,3-Dichlorobenzene
Concen: 40.952 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		242987		
148	66.9	54.2	81.4		
75	32.8	28.6	42.8		





#13

1,4-Dichlorobenzene

Concen: 41.920 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

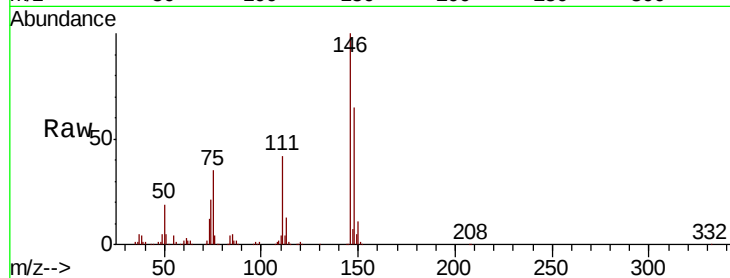
ClientSampleId :

PB127567BS

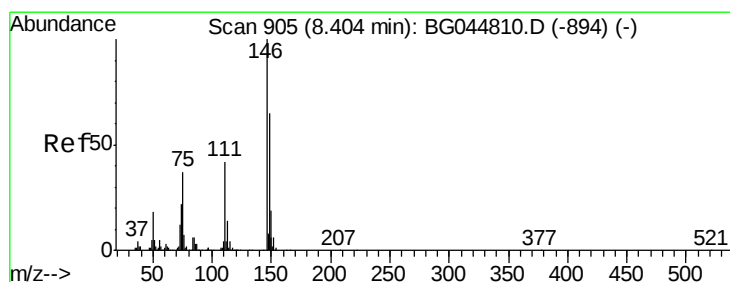
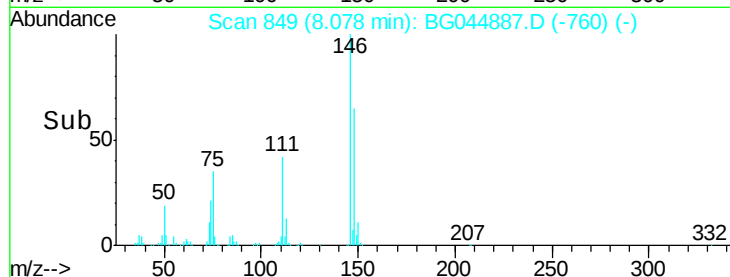
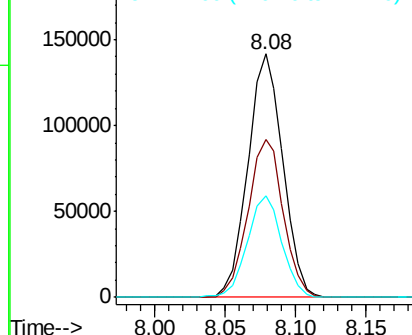
Tot Ion:	146	Resp:	245901
Ion Ratio	Lower	Upper	
146	100		
148	65.0	53.8	80.6
111	41.6	32.0	48.0

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



#14

1,2-Dichlorobenzene

Concen: 40.654 ng

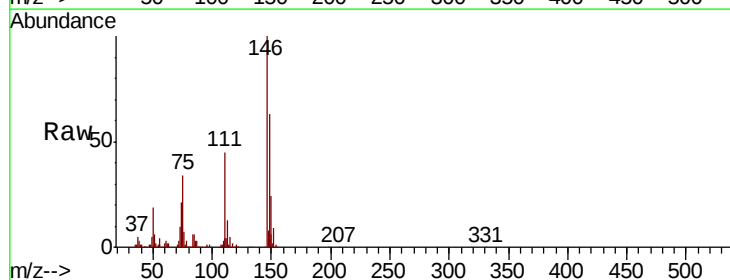
RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

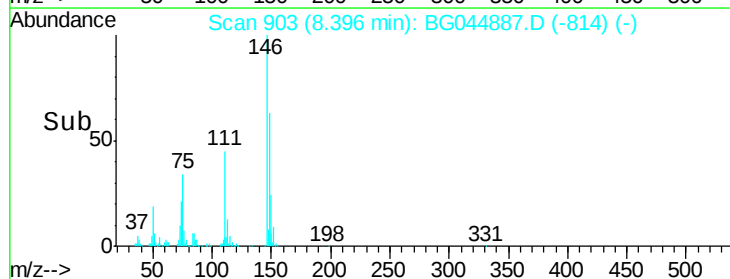
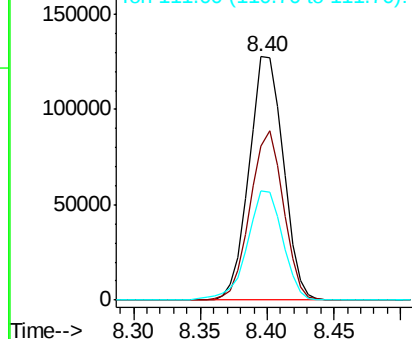
Lab File: BG044887.D

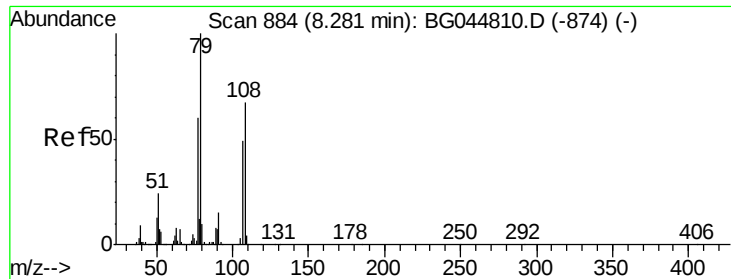
Acq: 19 Mar 2020 7:43

Tgt Ion:	146	Resp:	226174
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.1	78.1
111	44.8	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





#15

Benzyl Alcohol

Concen: 41.716 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

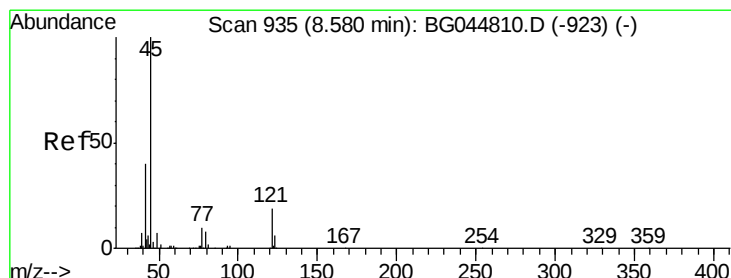
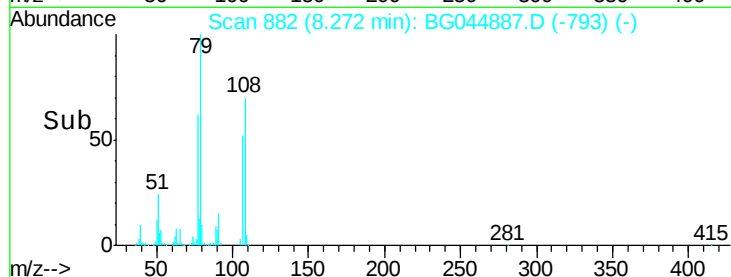
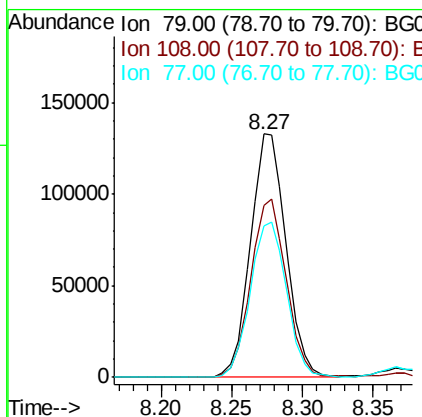
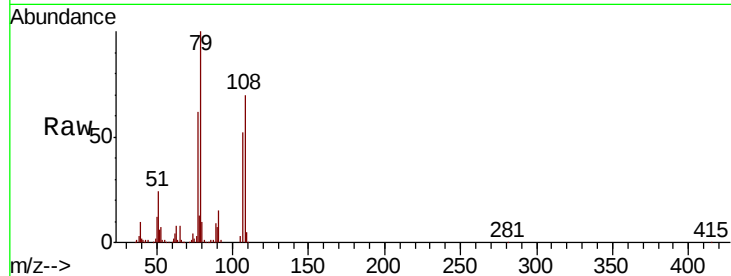
ClientSampleId :

PB127567BS

Tot Ion:	79	Resp:	234646
Ion Ratio	Lower	Upper	
79	100		
108	70.4	53.8	80.8
77	62.0	47.8	71.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.636 ng

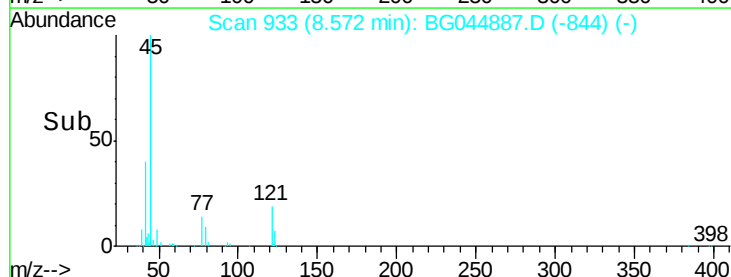
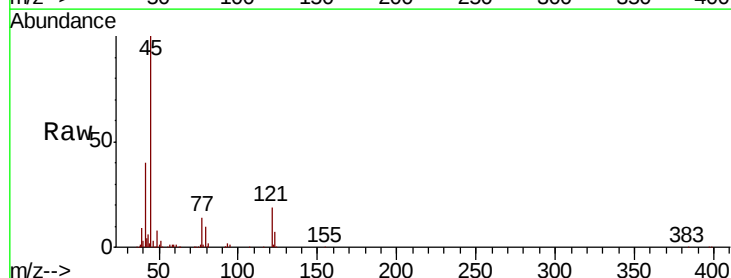
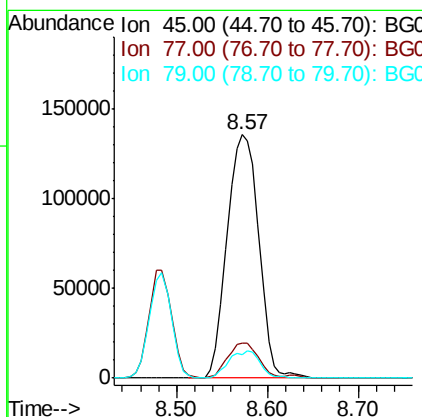
RT: 8.57 min Scan# 933

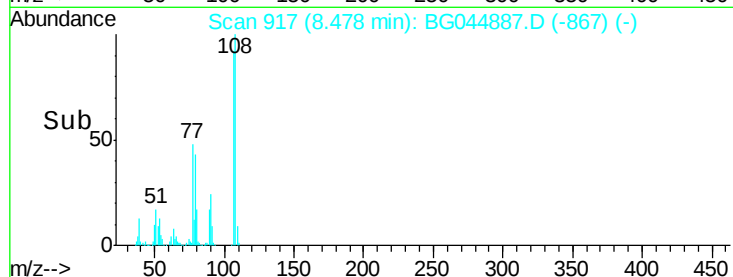
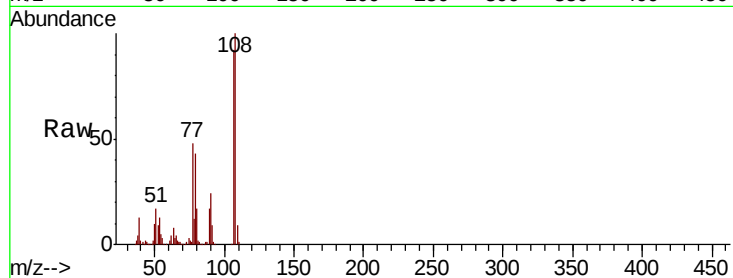
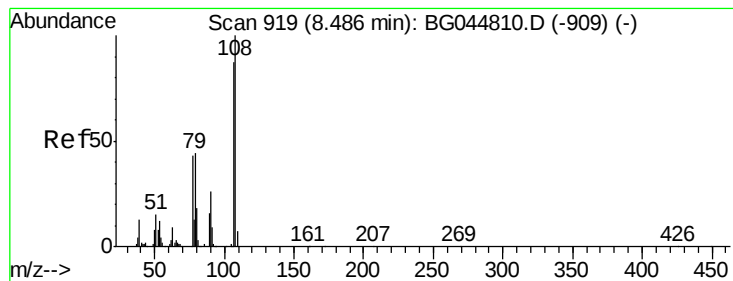
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	45	Resp:	328794
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.9
79	9.8	0.0	30.8





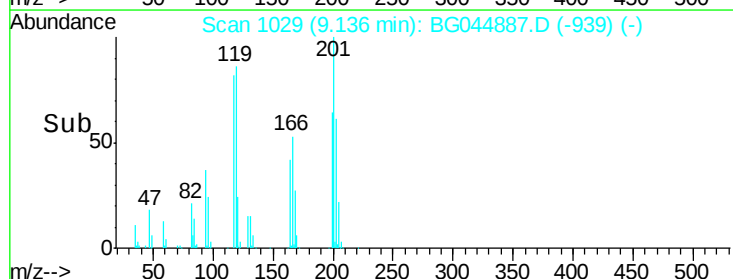
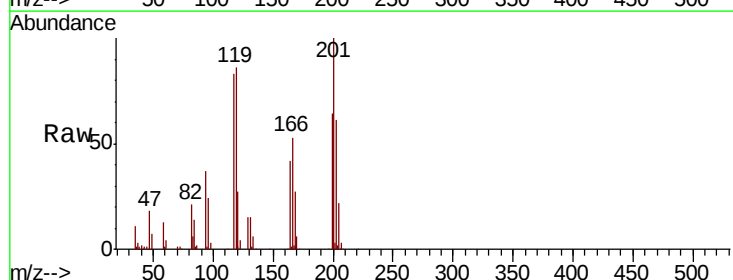
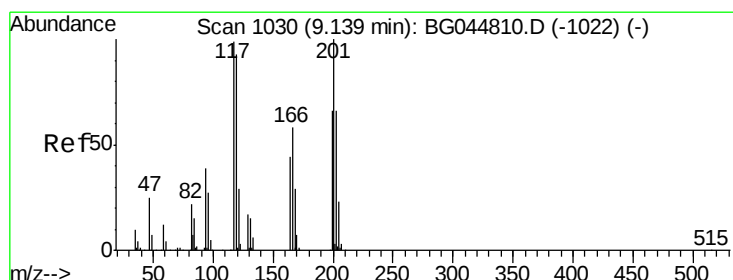
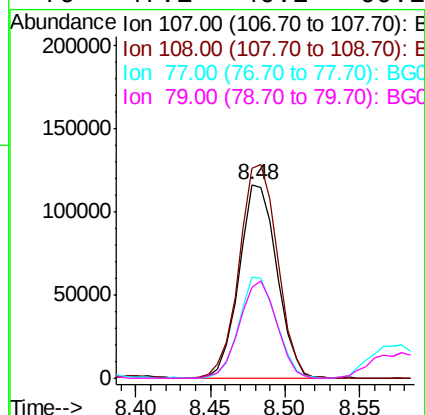
#17
2-Methylphenol
Concen: 43.460 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	91.8	137.8	
77	52.2	40.0	60.0	
79	47.1	40.2	60.2	

Instrument :
BNA_G
ClientSampleId :
PB127567BS

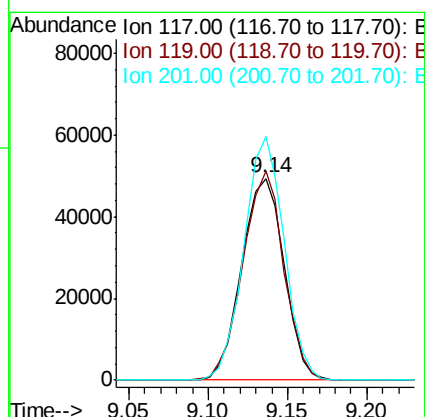
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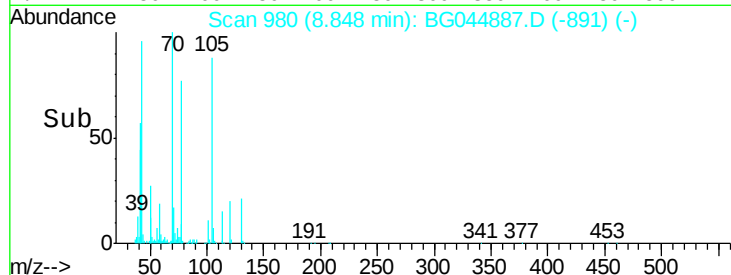
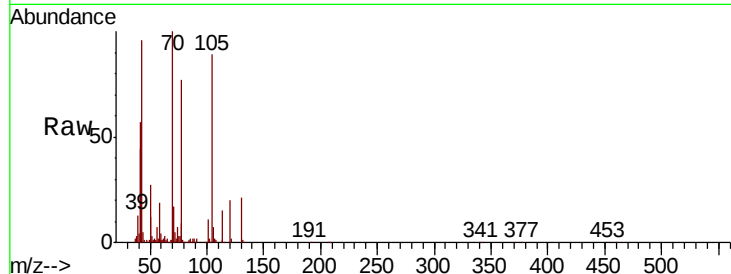
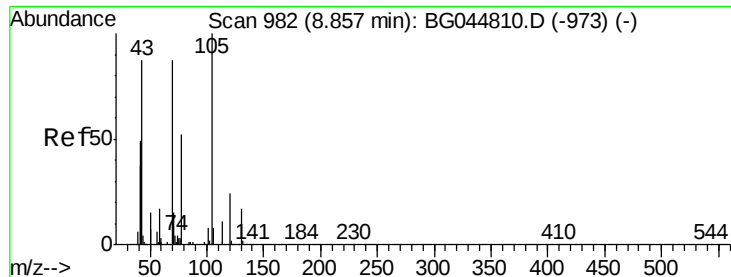
mohammad
3/19/2020 12:35:00 PM



#18
Hexachloroethane
Concen: 39.841 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

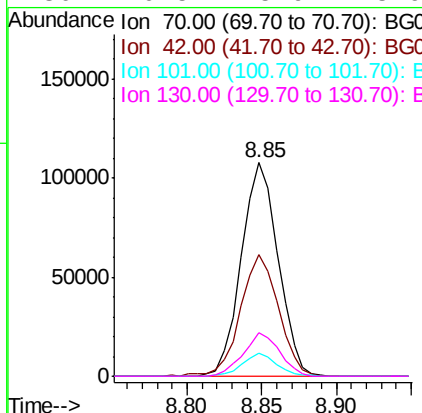
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.4	75.2	112.8	
201	120.8	81.1	121.7	





#19
n-Nitroso-di-n-propylamine
Concen: 37.108 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

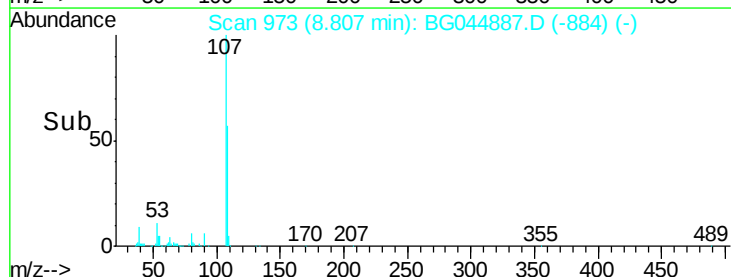
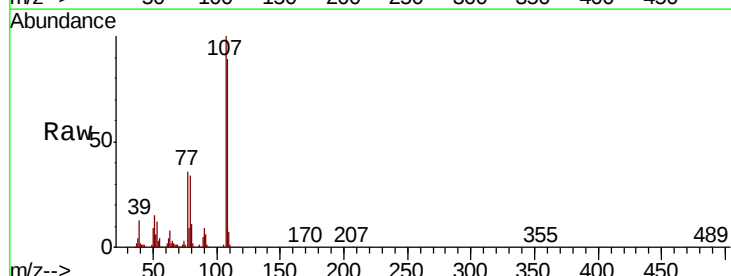
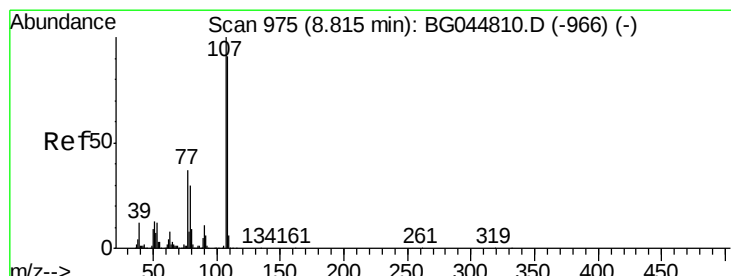
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	45.7	68.5
101	10.6	7.4	11.2
130	20.5	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
PB127567BS

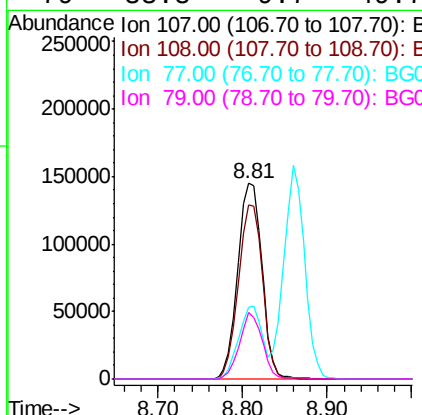
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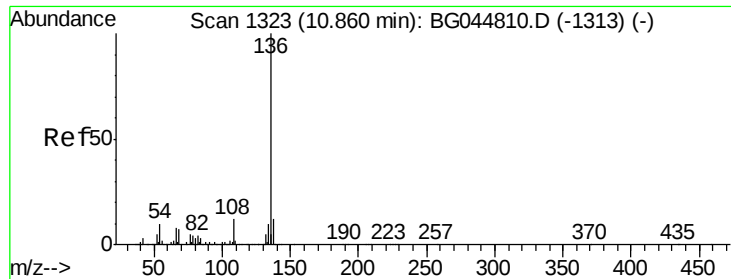
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#20
3+4-Methylphenols
Concen: 44.363 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.3	111.3
77	36.5	16.9	56.9
79	33.8	9.7	49.7





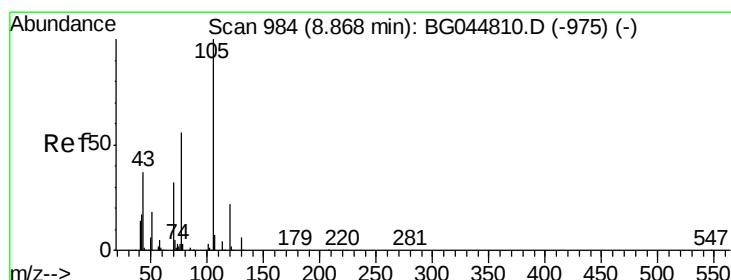
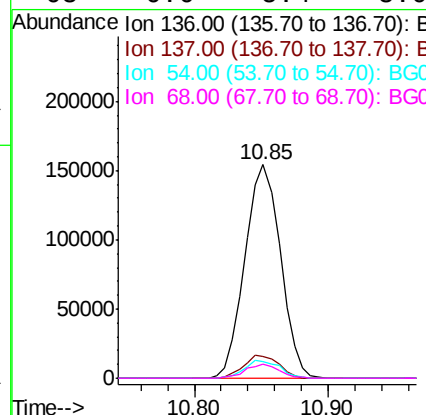
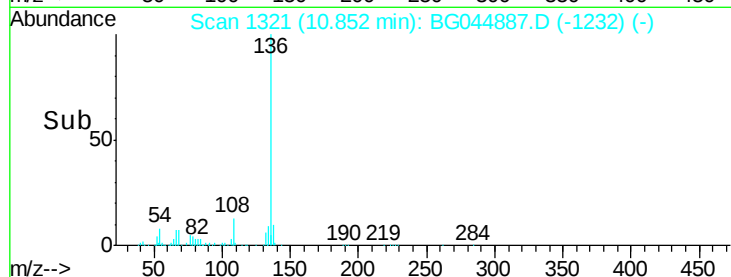
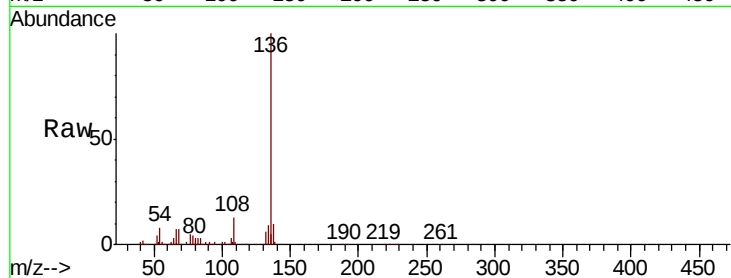
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284775		
137	10.1		9.8	14.6
54	7.7		7.9	11.9
68	6.6		5.4	8.0

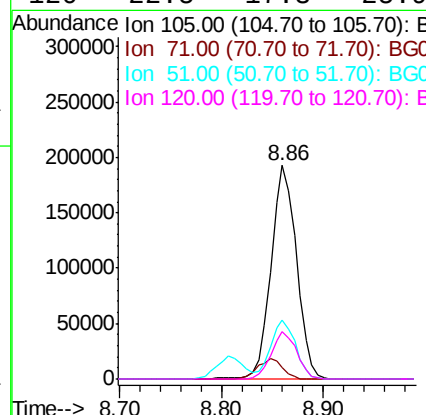
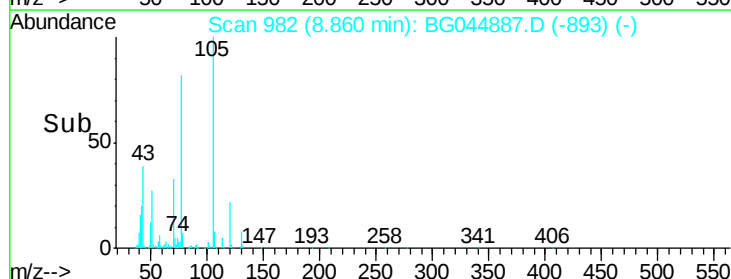
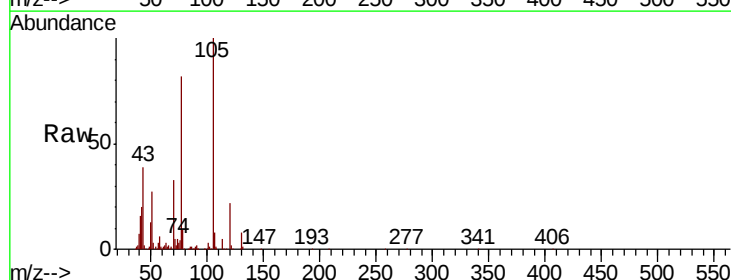
Manual Integrations
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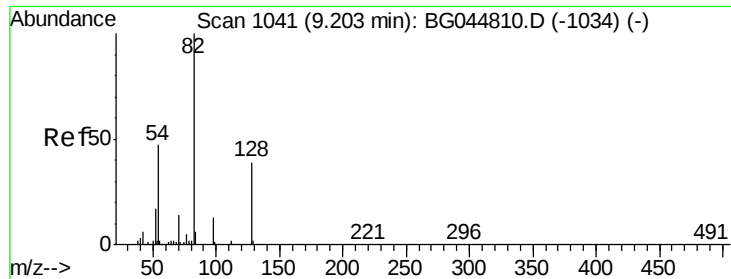
mohammad
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#22
Acetophenone
Concen: 41.791 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	337153		
71	5.5		3.9	5.9
51	27.3		22.6	33.8
120	22.5		17.3	25.9





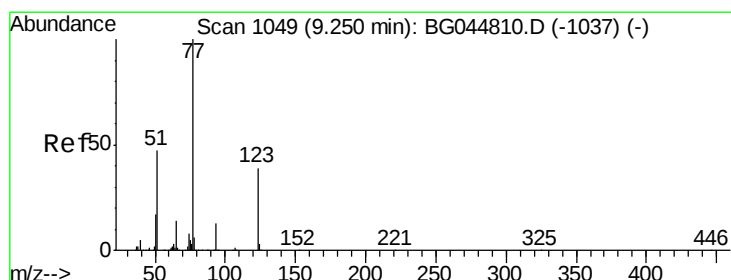
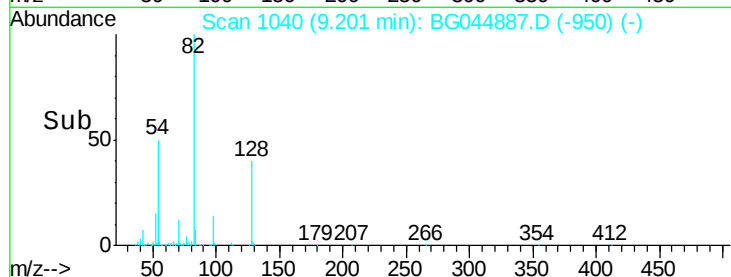
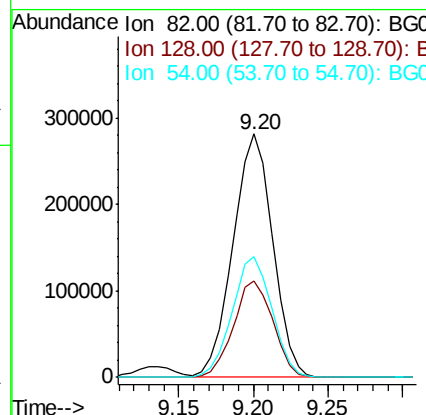
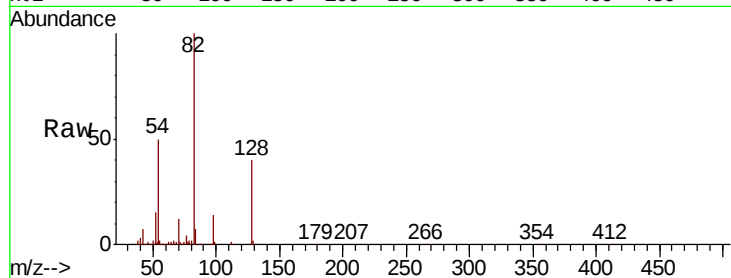
#23
Nitrobenzene-d5
Concen: 80.210 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	46.0
54	49.6	37.1	55.7

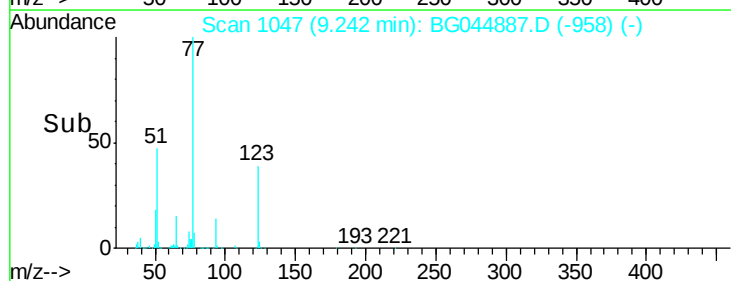
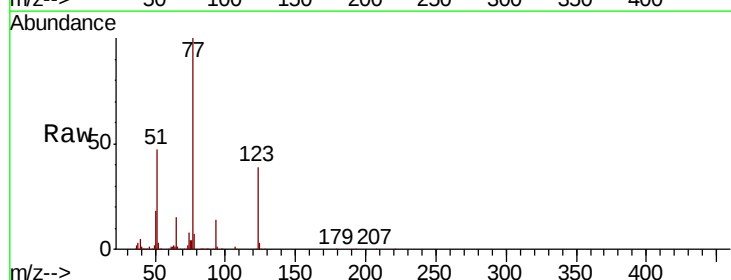
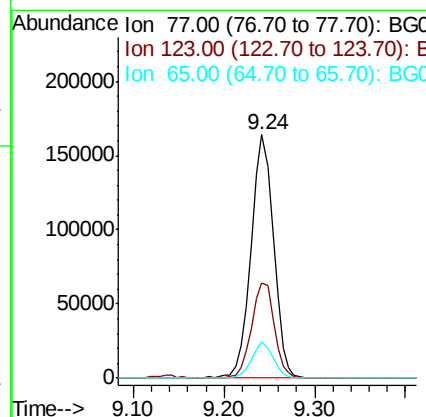
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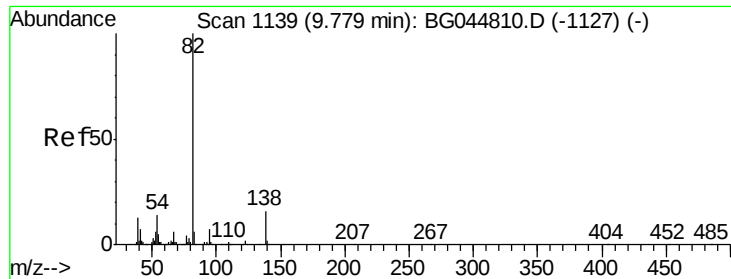
mohammad
3/19/2020 12:35:00 PM



#24
Nitrobenzene
Concen: 42.042 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.3	46.9
65	14.7	11.4	17.0





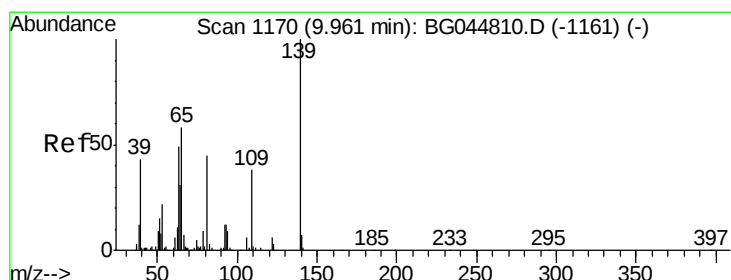
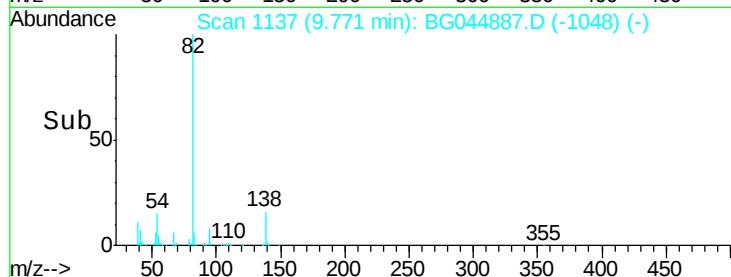
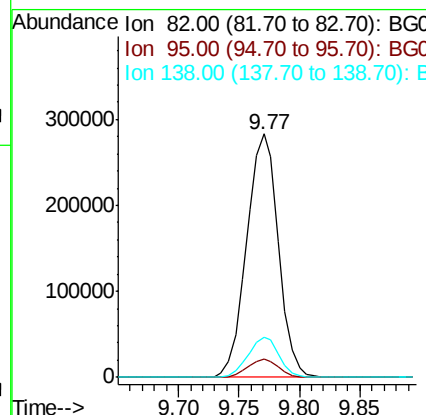
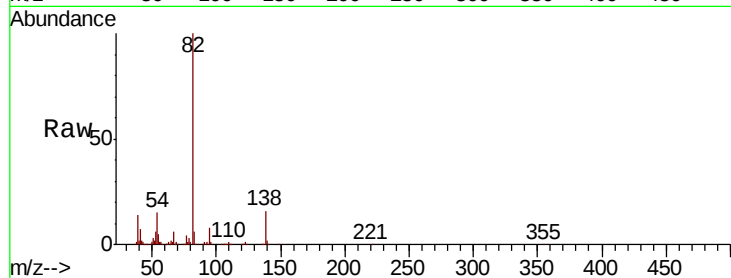
#25
Isophorone
Concen: 40.715 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	515692		
95	7.5		5.5	8.3
138	16.4		12.5	18.7

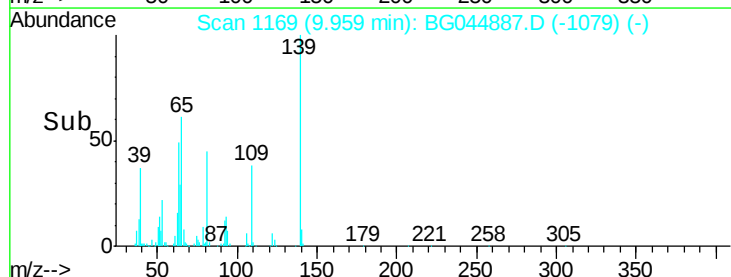
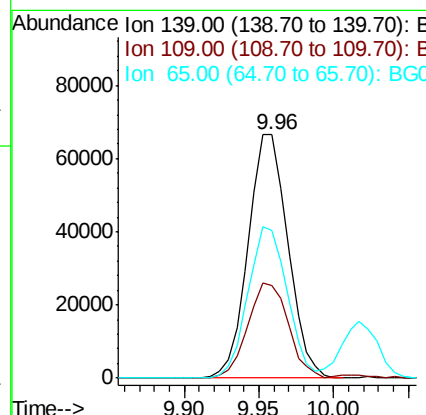
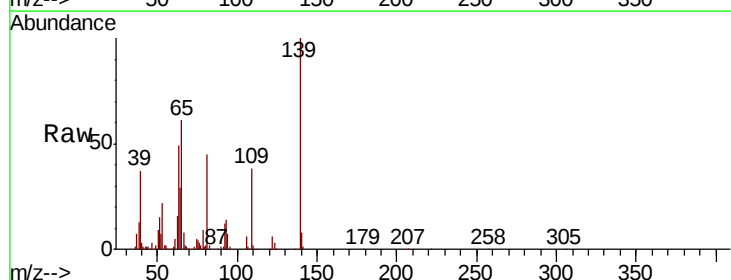
Manual Integrations
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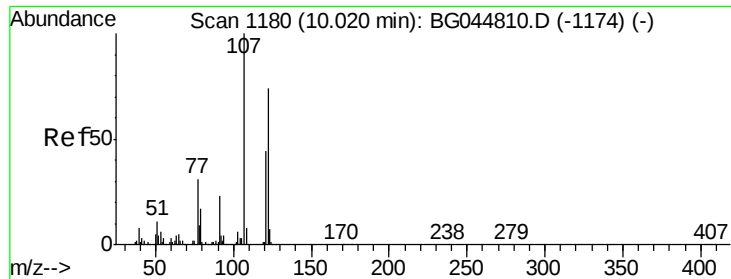
mohammad
3/19/2020 12:35:00 PM



#26
2-Nitrophenol
Concen: 51.932 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	122597		
109	37.9		30.2	45.4
65	60.9		46.3	69.5





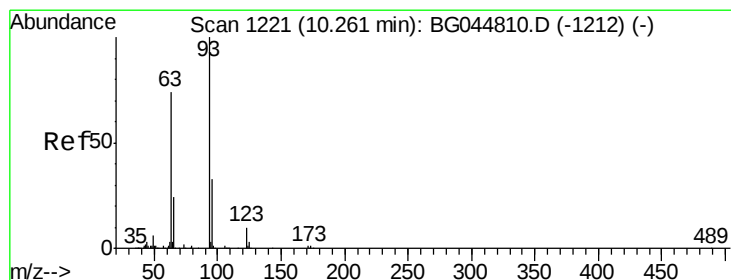
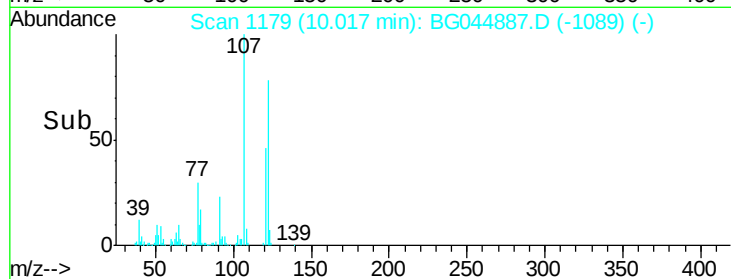
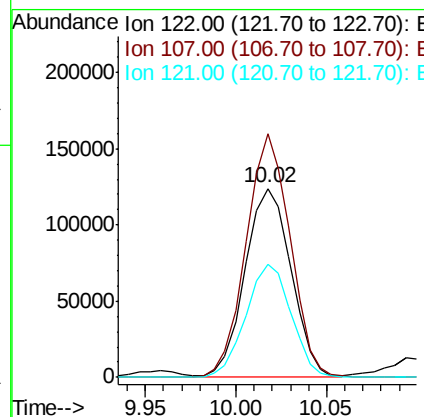
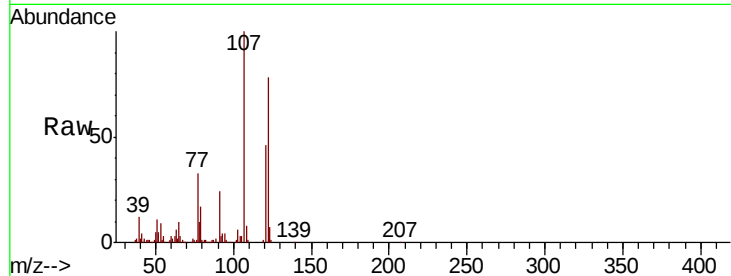
#27
 2,4-Dimethylphenol
 Concen: 52.764 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	217634		
107	128.8	107.1	160.7	
121	59.6	46.8	70.2	

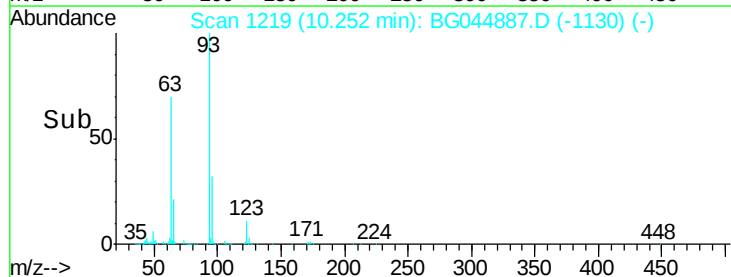
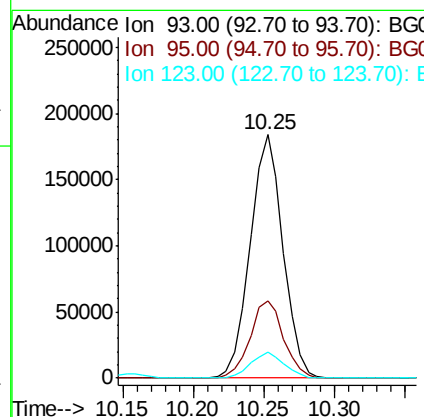
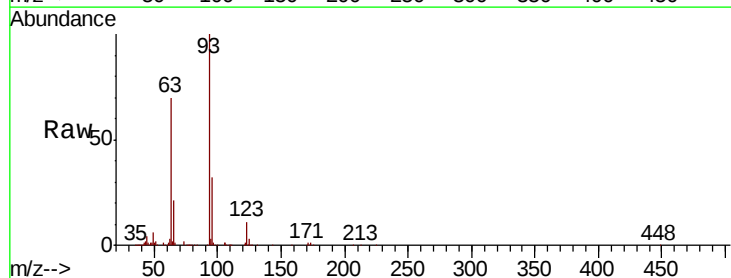
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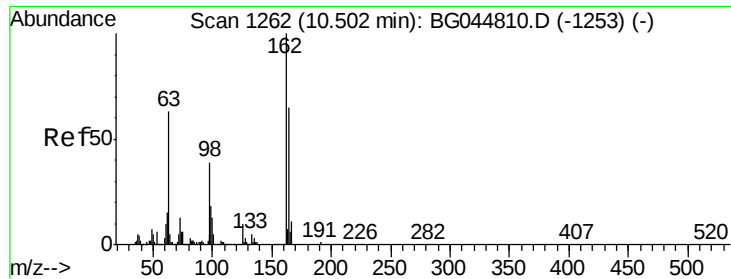
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.615 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	299444		
95	31.7	26.4	39.6	
123	10.8	8.4	12.6	





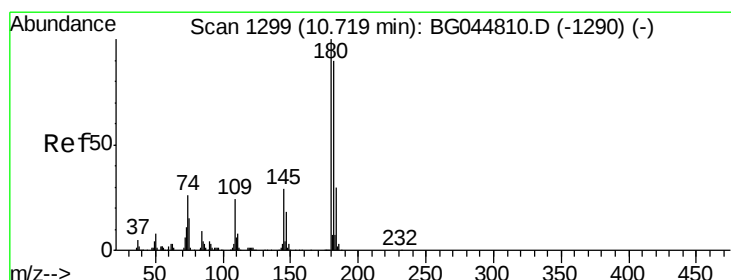
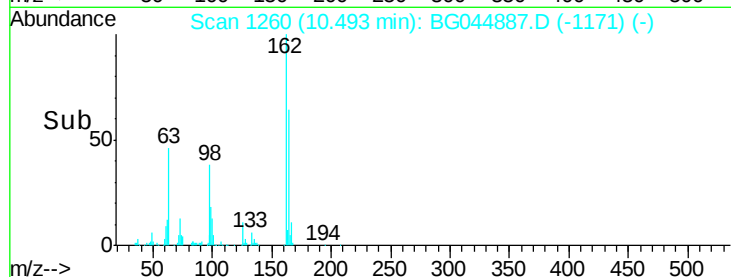
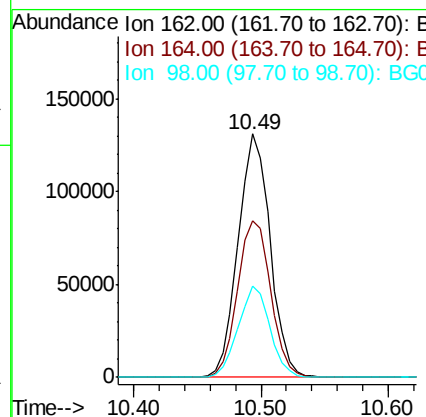
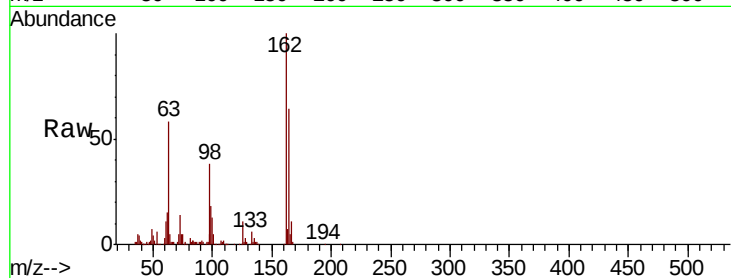
#29
 2,4-Dichlorophenol
 Concen: 47.758 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	230084		
164	64.1	45.2	85.2	
98	37.6	19.0	59.0	

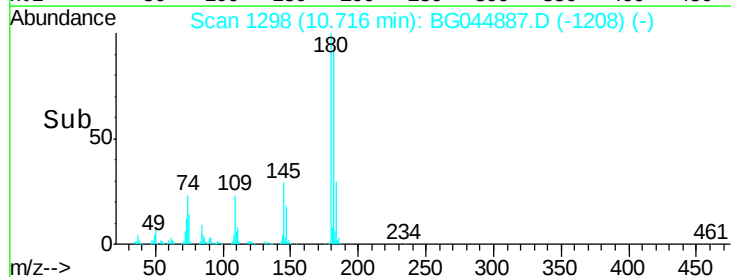
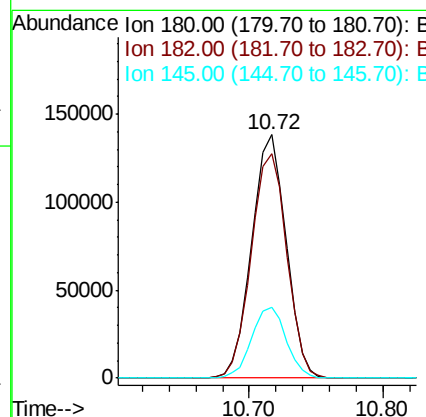
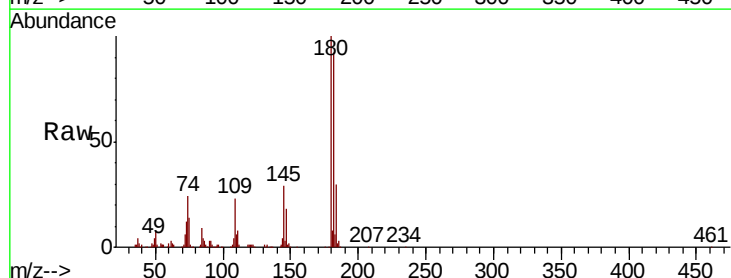
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.776 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246413		
182	92.1	71.6	107.4	
145	28.9	23.4	35.0	





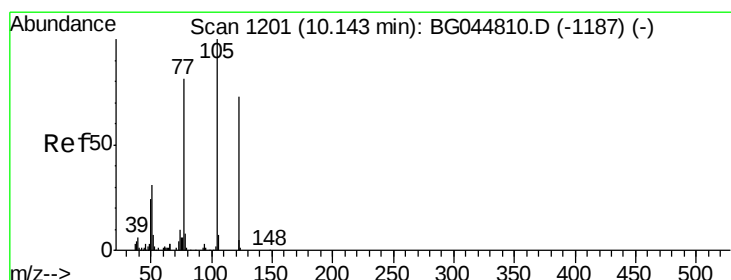
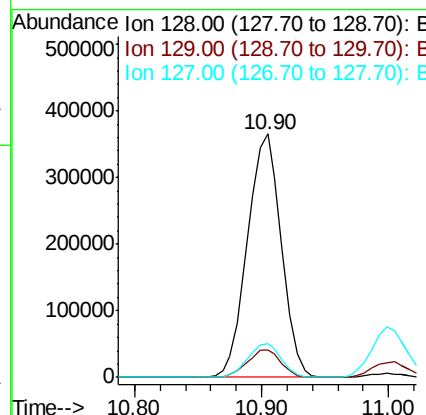
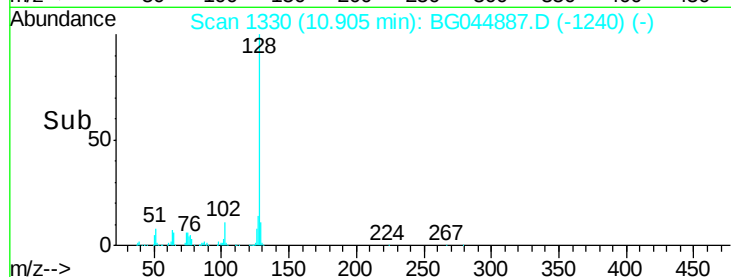
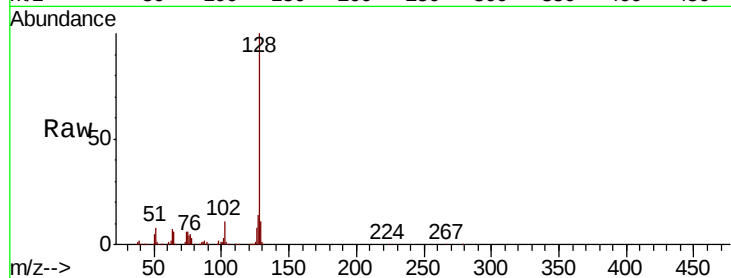
#31
Naphthalene
Concen: 42.871 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.8	10.8	16.2

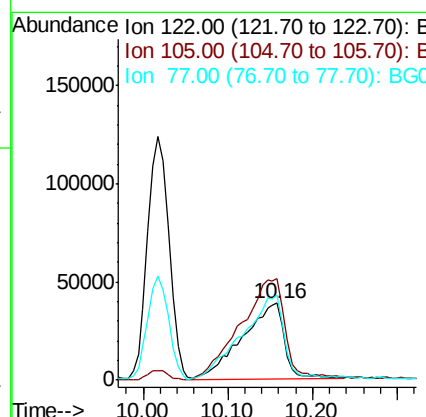
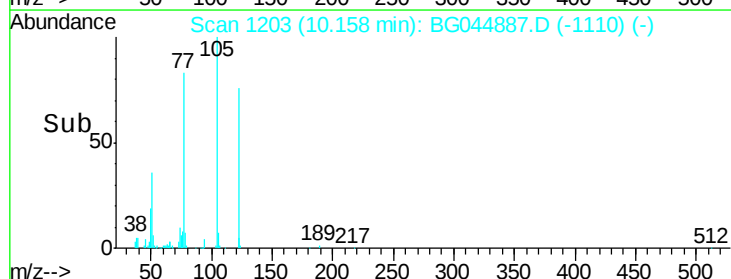
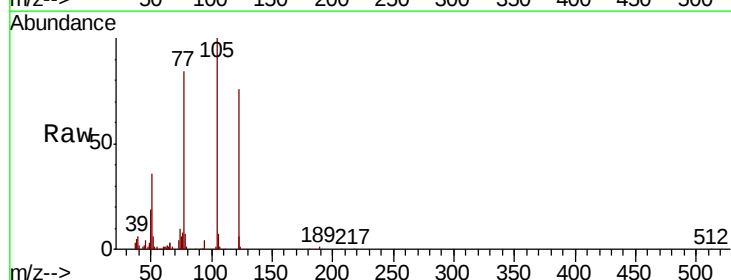
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#32
Benzoic acid
Concen: 42.971 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	109.1	149.1
77	110.1	85.3	125.3





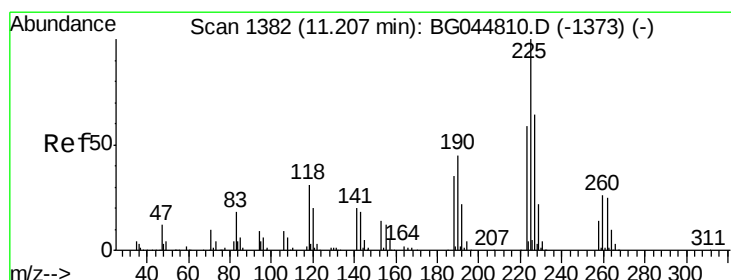
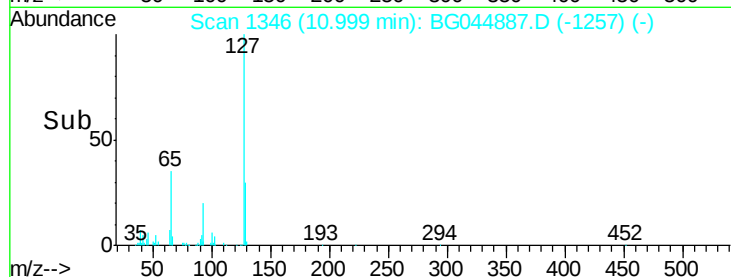
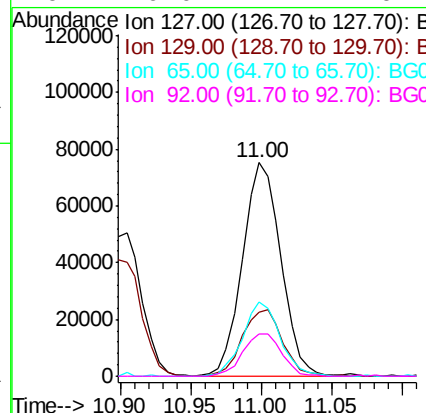
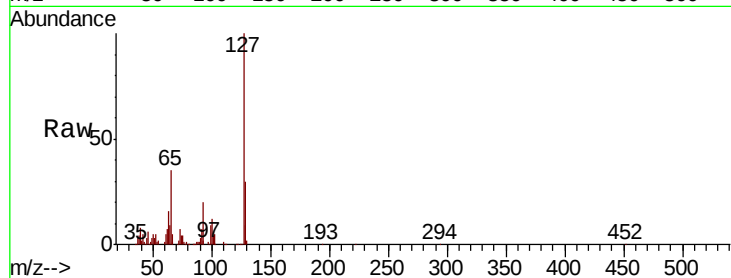
#33
4-Chloroaniline
Concen: 20.057 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.9	40.3
65	35.0	27.7	41.5
92	20.0	17.4	26.2

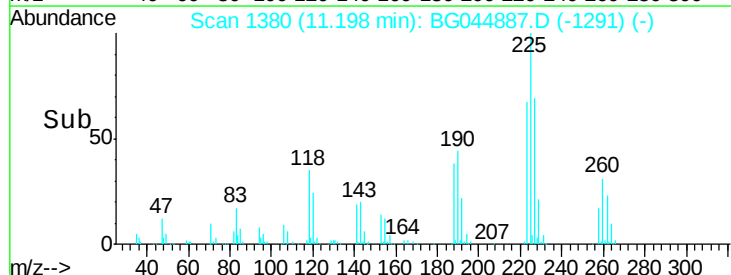
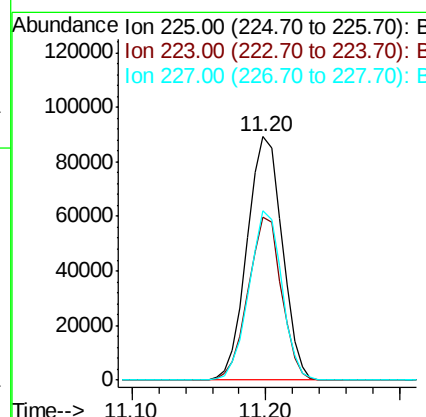
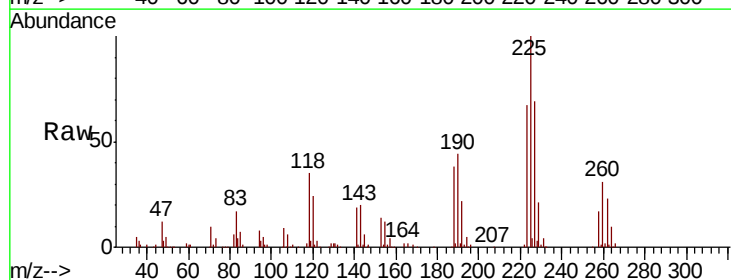
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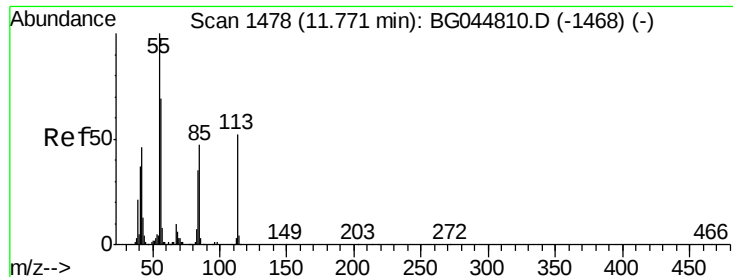
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#34
Hexachlorobutadiene
Concen: 42.701 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	47.4	71.0
227	69.3	50.8	76.2





#35

Caprolactam

Concen: 43.925 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

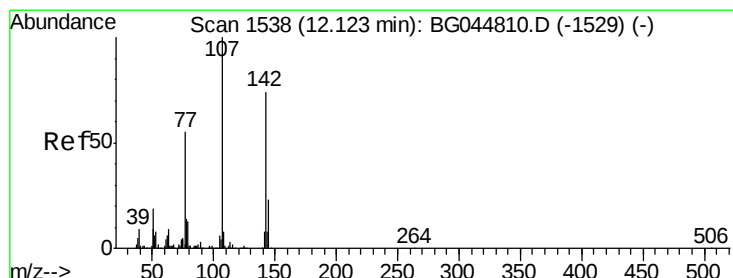
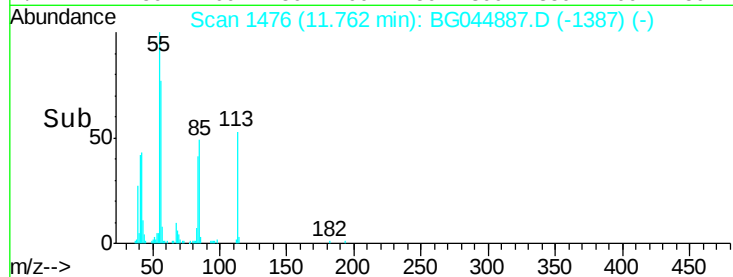
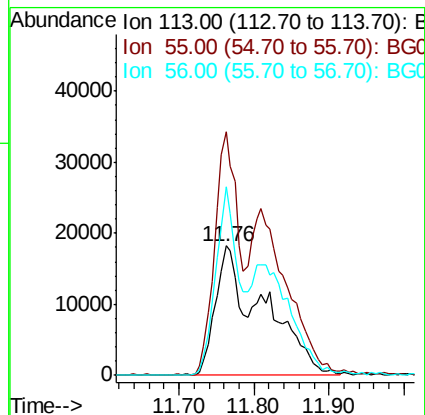
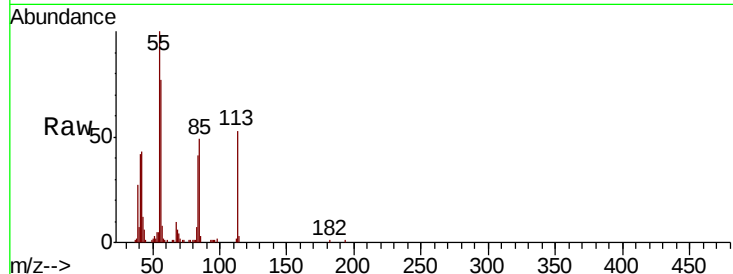
ClientSampleId :

PB127567BS

Tot Ion:	113	Resp:	80121
Ion	Ratio	Lower	Upper
113	100		
55	187.9	173.8	213.8
56	145.5	113.8	153.8

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#36

4-Chloro-3-methylphenol

Concen: 45.481 ng/ml

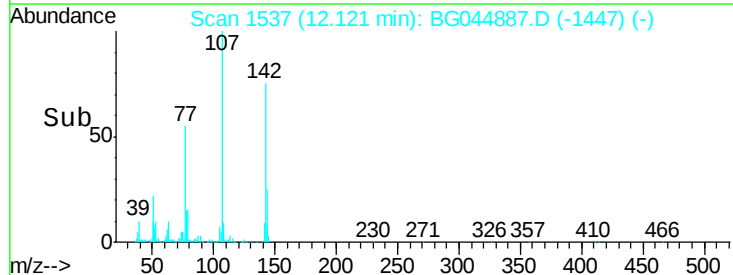
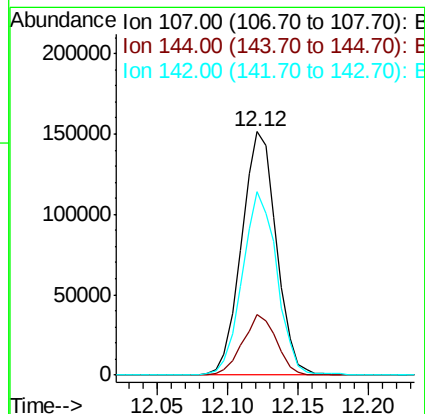
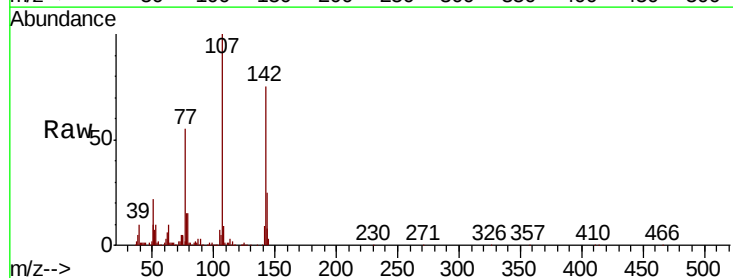
RT: 12.12 min Scan# 1537

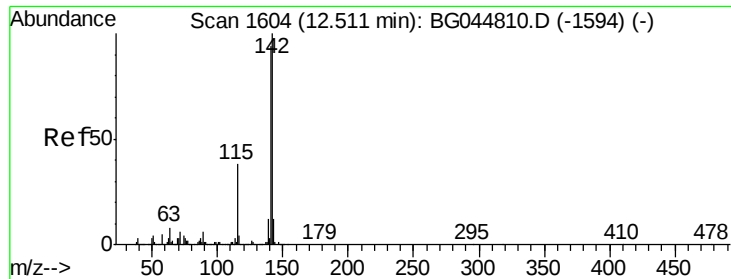
Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	107	Resp:	261327
Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.0	27.0
142	75.5	59.0	88.4





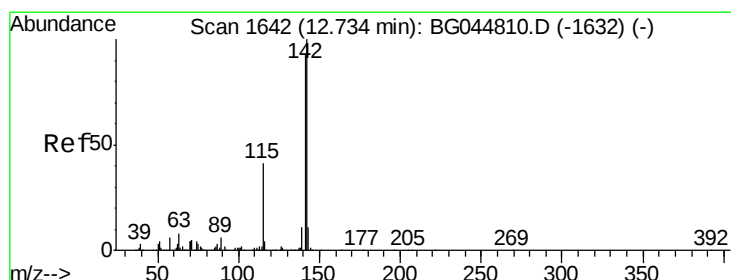
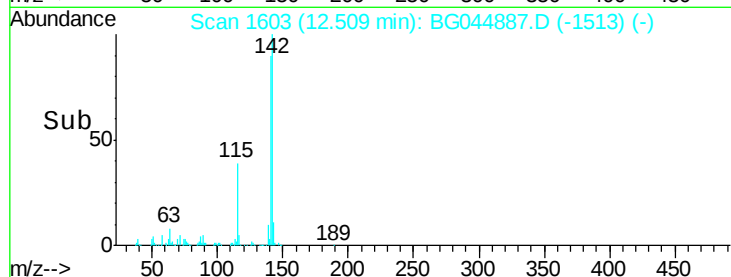
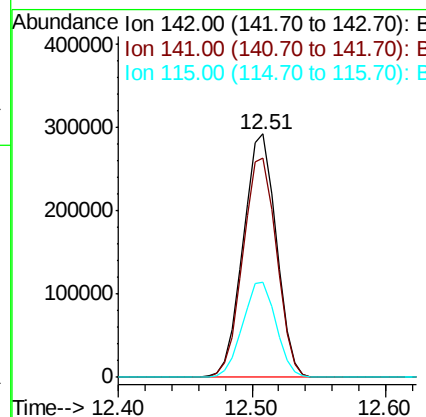
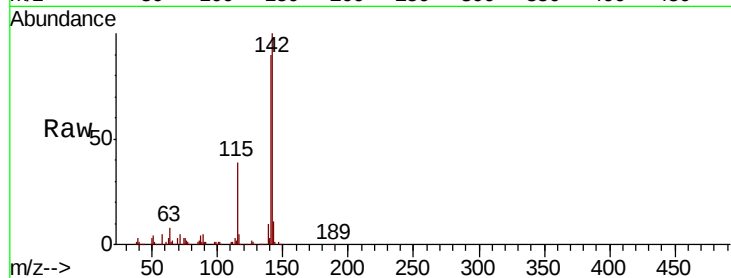
#37
2-Methylnaphthalene
Concen: 42.467 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.1	112.7
115	39.1	30.6	46.0

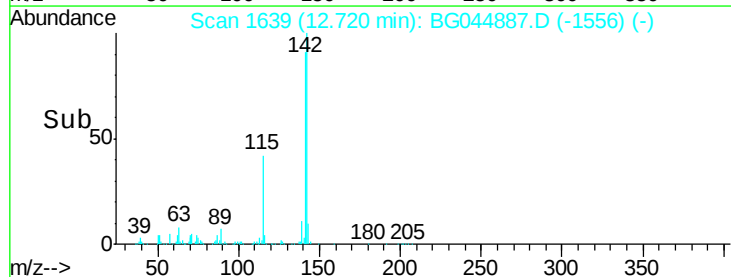
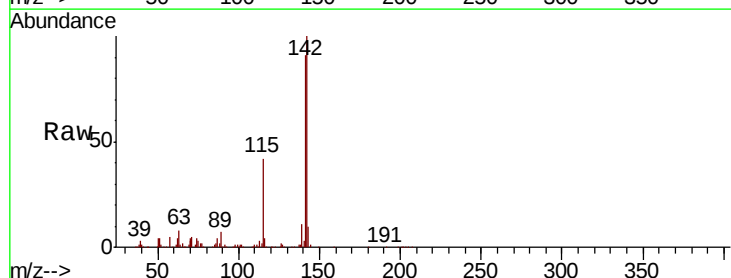
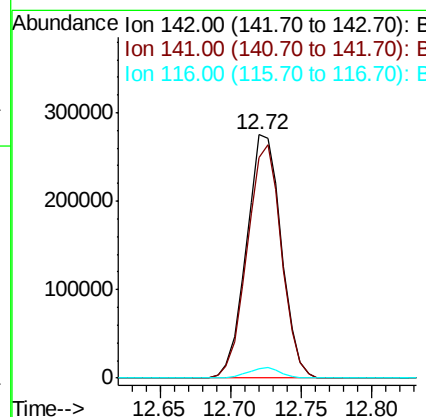
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#38
1-Methylnaphthalene
Concen: 42.922 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.7	112.1
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

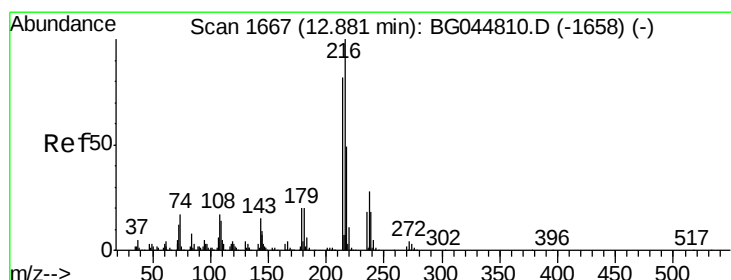
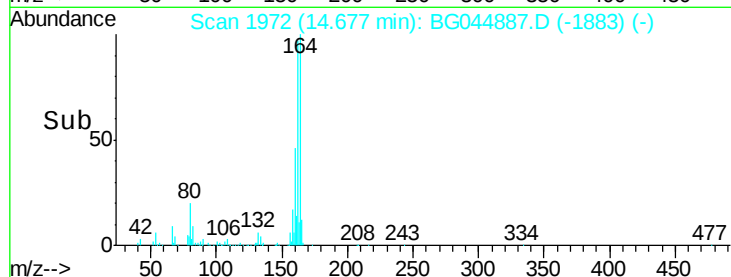
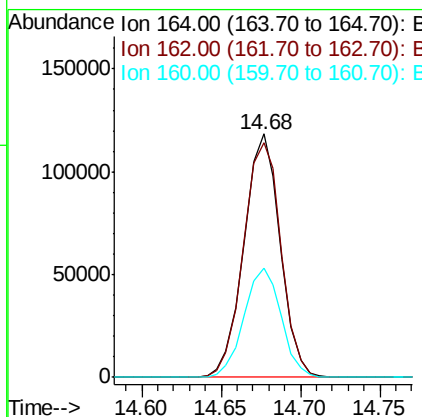
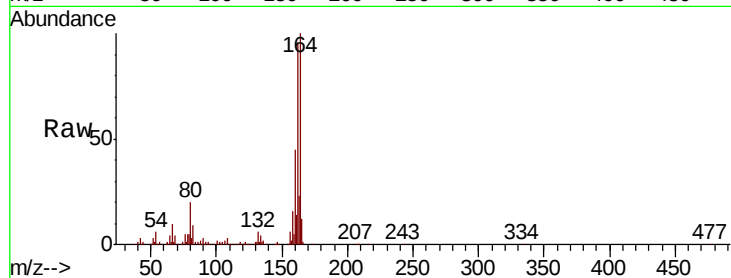
ClientSampleId :

PB127567BS

Tot Ion:	164	Resp:	187814
Ion Ratio	Lower	Upper	
164	100		
162	96.2	76.7	115.1
160	45.1	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.033 ng

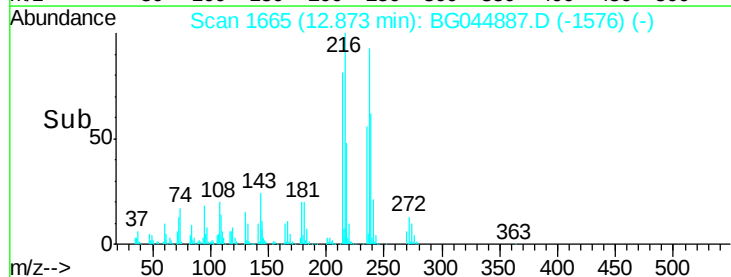
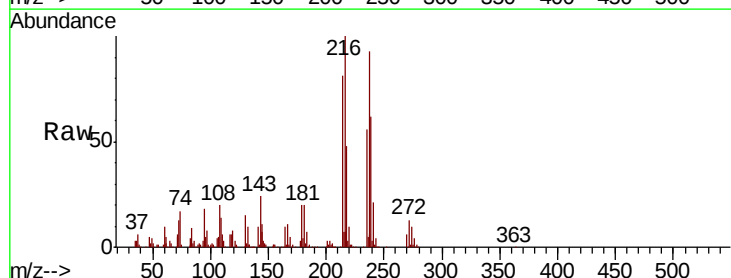
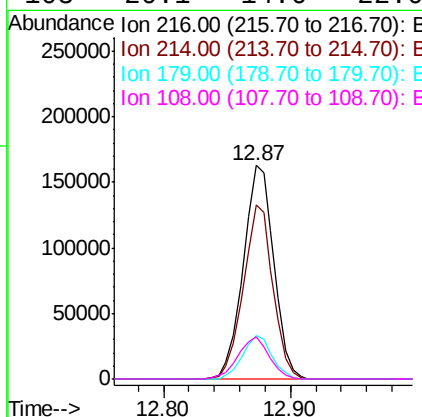
RT: 12.87 min Scan# 1665

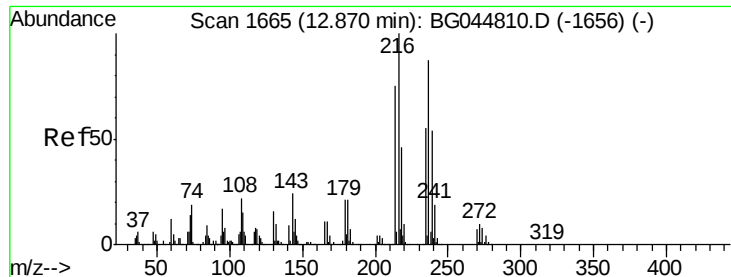
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	216	Resp:	272359
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.8	95.6
179	19.6	16.2	24.2
108	20.1	14.6	22.0





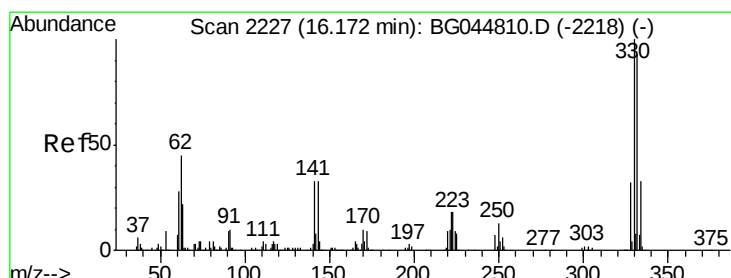
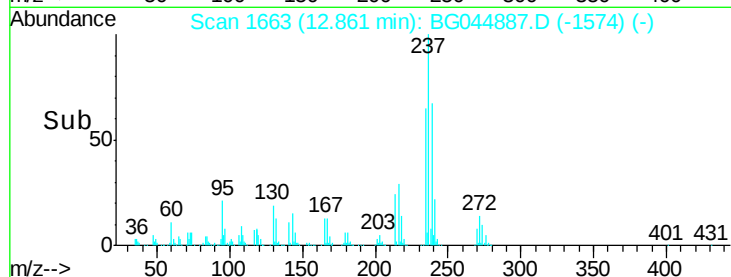
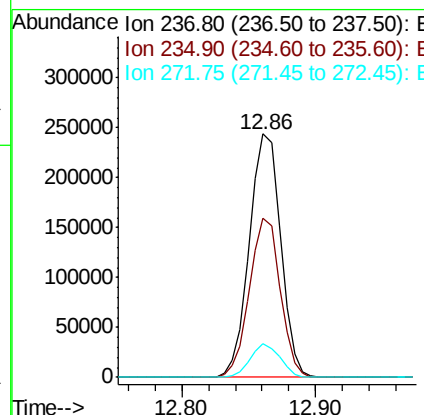
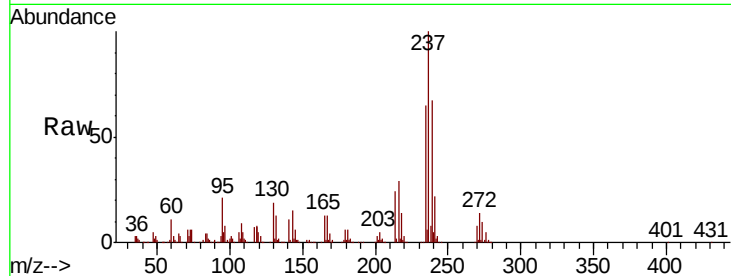
#41
Hexachlorocyclopentadiene
Concen: 116.453 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.5	42.9	82.9	
272	13.8	0.0	31.6	

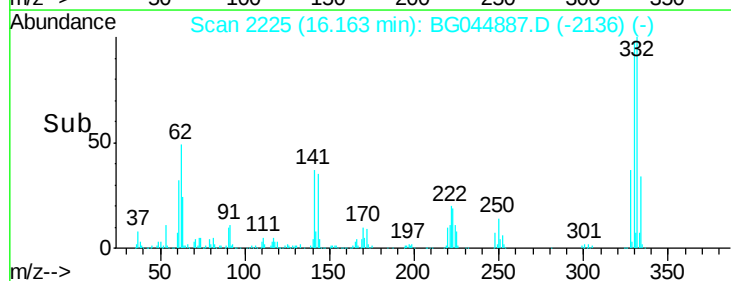
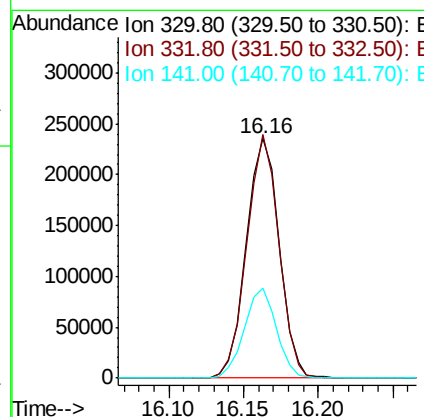
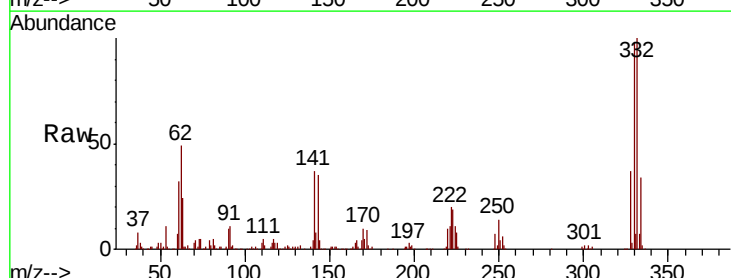
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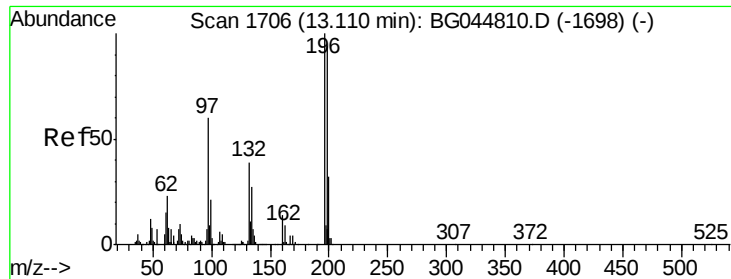
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#42
2,4,6-Tribromophenol
Concen: 146.203 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	77.8	116.6	
141	36.8	29.5	44.3	





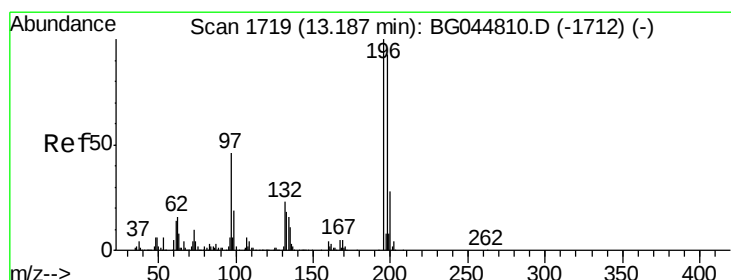
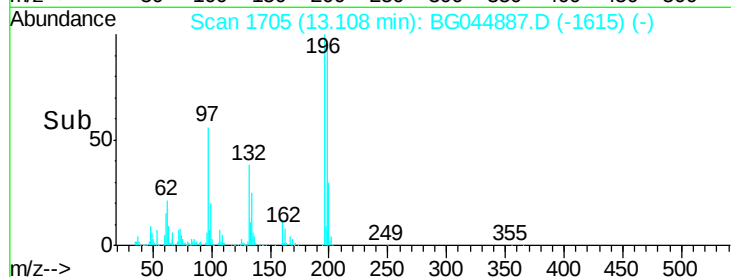
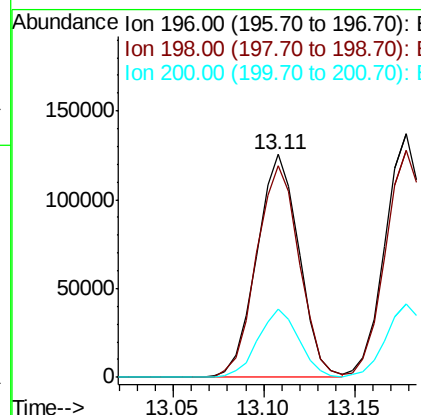
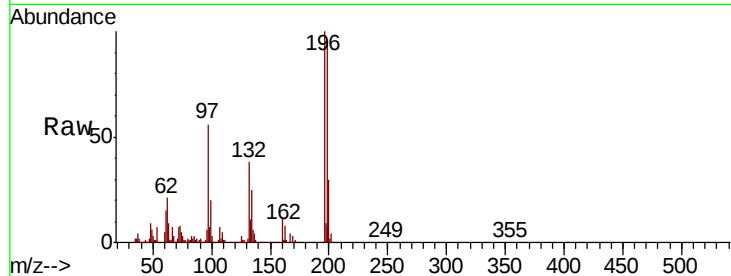
#43
 2,4,6-Trichlorophenol
 Concen: 49.541 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203361		
198	94.8	74.9	112.3	
200	30.3	25.8	38.6	

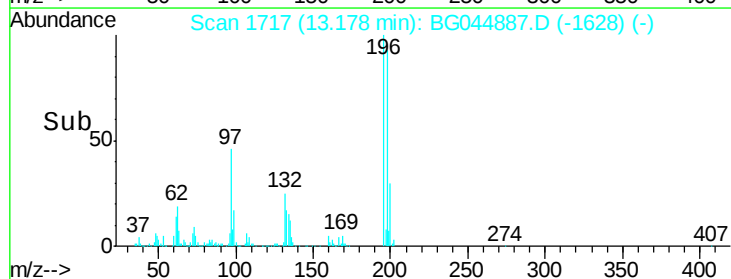
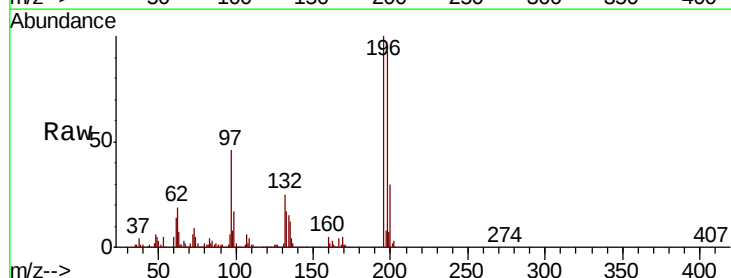
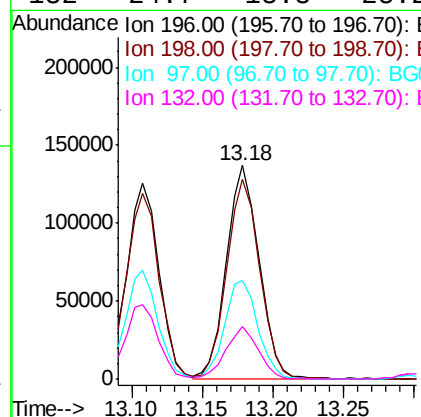
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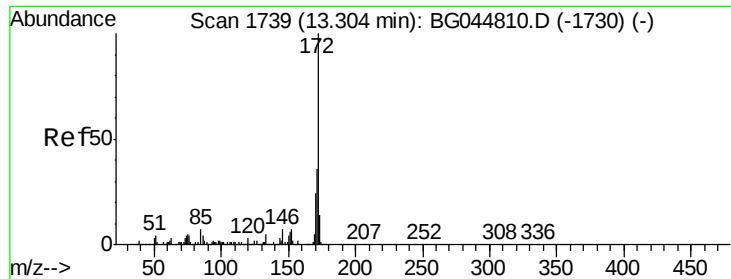
mohammad
 3/19/2020 12:35:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.553 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219463		
198	93.3	74.2	111.4	
97	46.3	36.7	55.1	
132	24.7	18.8	28.2	





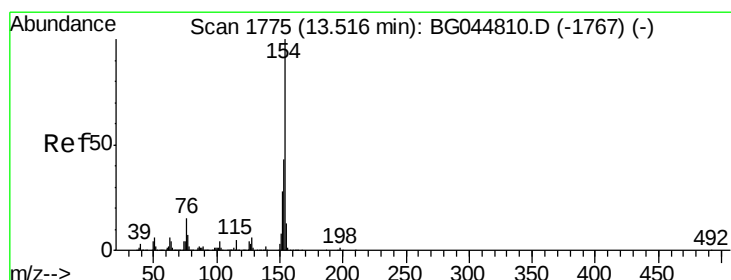
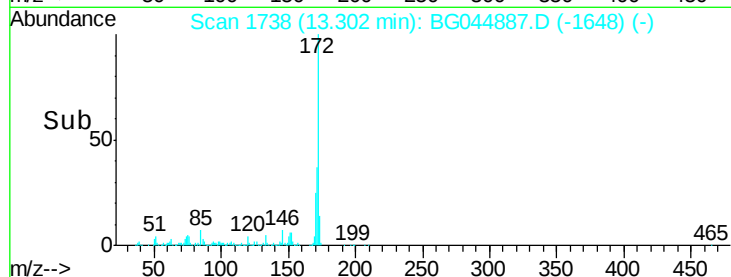
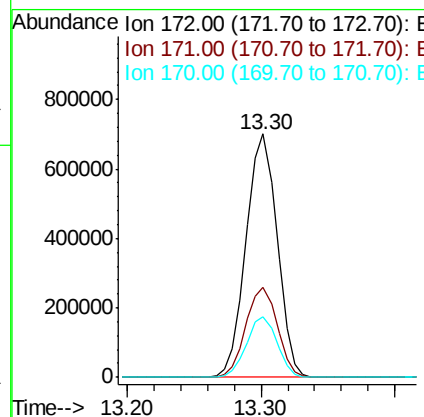
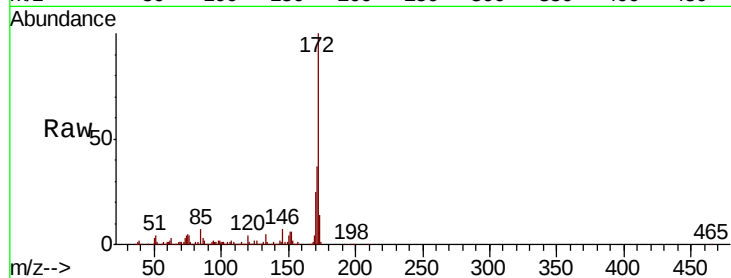
#45
2-Fluorobiphenyl
Concen: 85.912 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.7	43.1
170	25.0	19.0	28.6

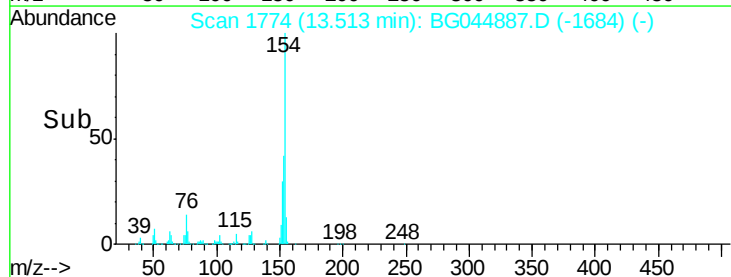
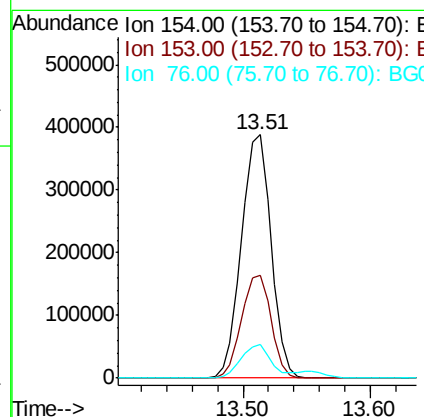
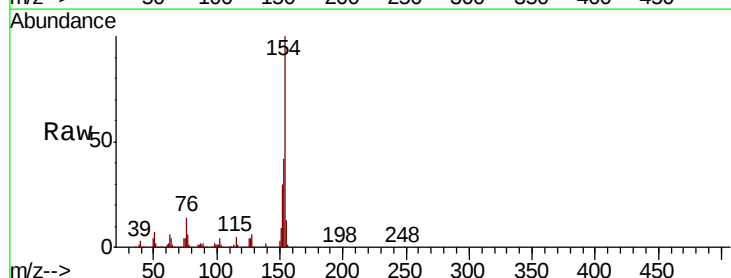
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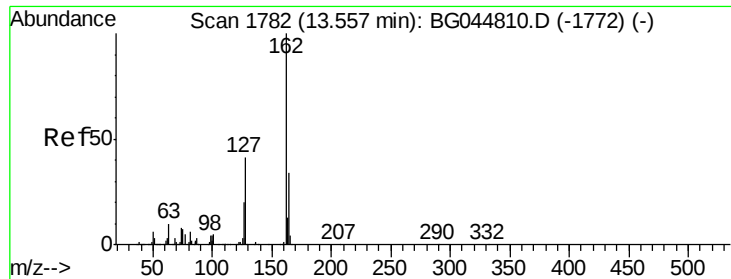
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#46
1,1'-Biphenyl
Concen: 41.981 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.9	62.9
76	13.8	0.0	34.6





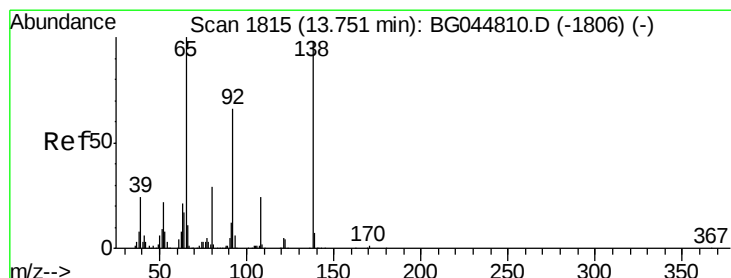
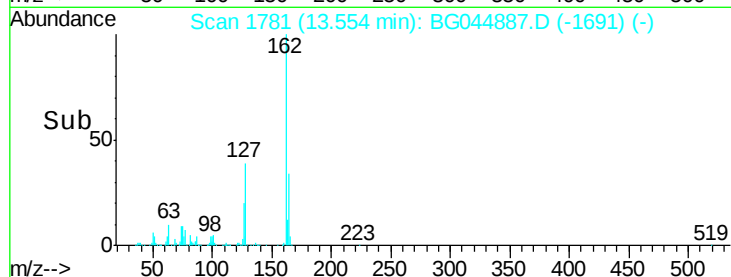
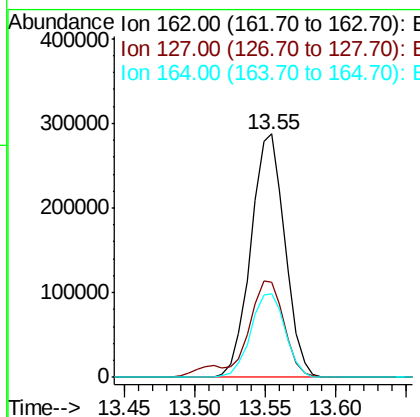
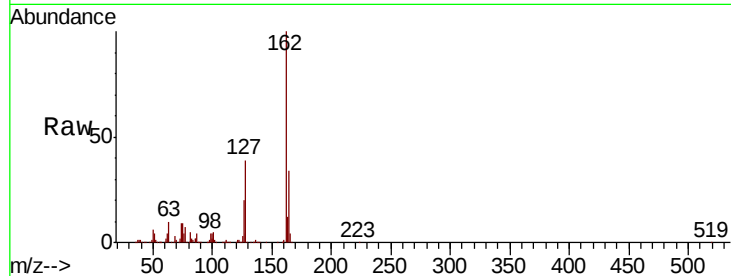
#47
2-Chloronaphthalene
Concen: 42.418 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	486334		
127	39.3		33.1	49.7
164	34.1		27.4	41.2

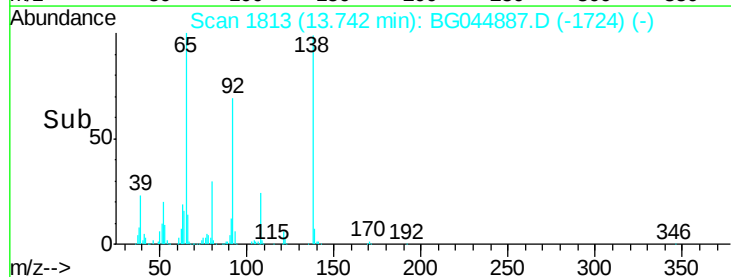
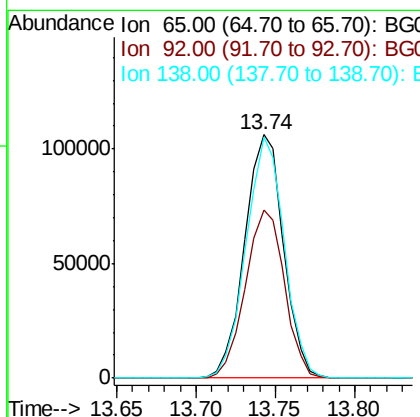
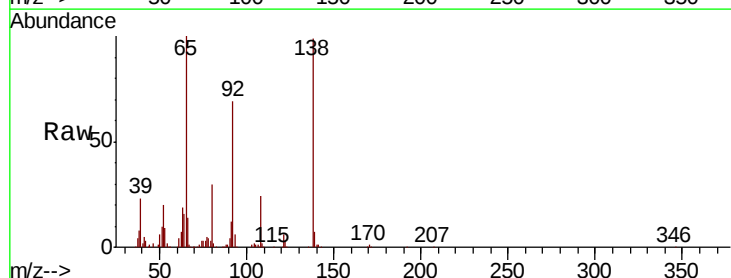
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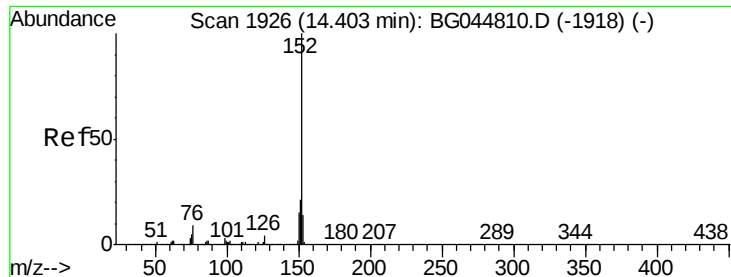
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#48
2-Nitroaniline
Concen: 45.094 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	181004		
92	69.3		52.6	79.0
138	99.0		78.3	117.5





#49

Acenaphthylene

Concen: 46.096 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

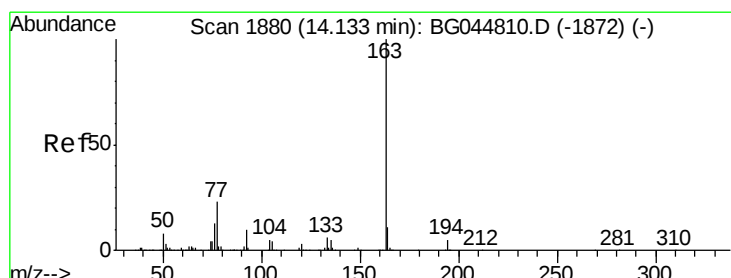
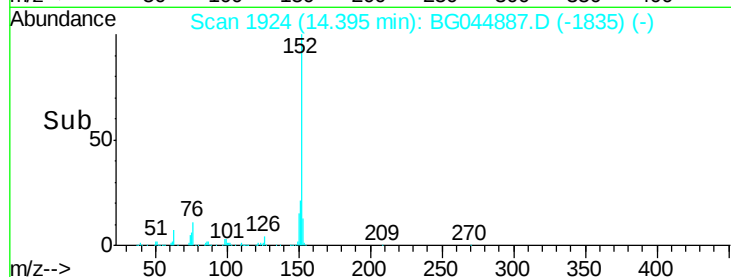
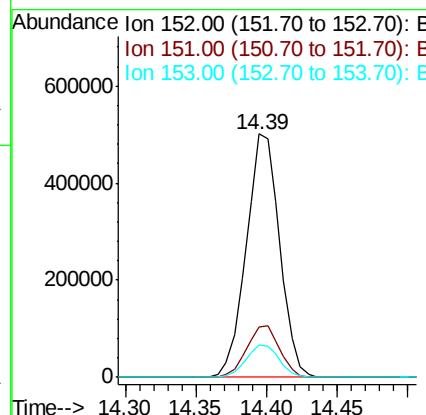
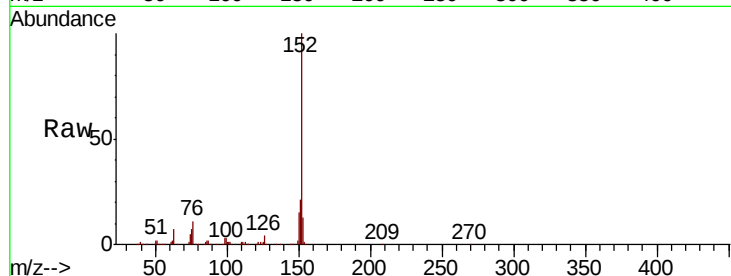
ClientSampleId :

PB127567BS

Tot Ion:	152	Resp:	827982
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.5	10.8	16.2

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#50

Dimethylphthalate

Concen: 44.787 ng

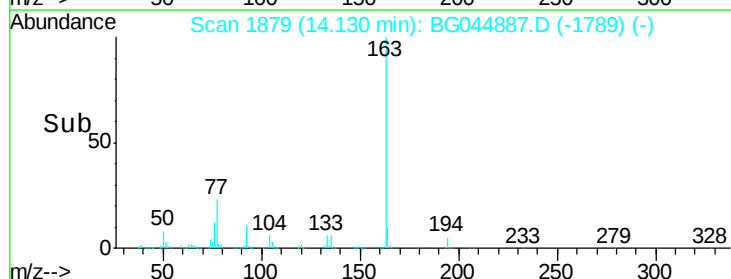
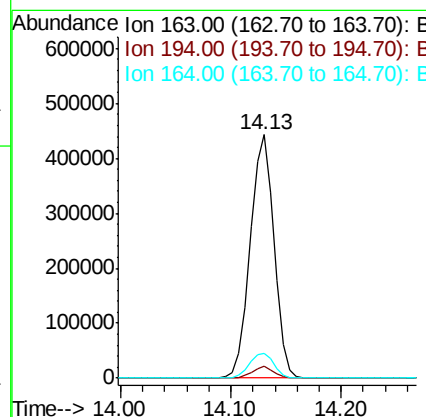
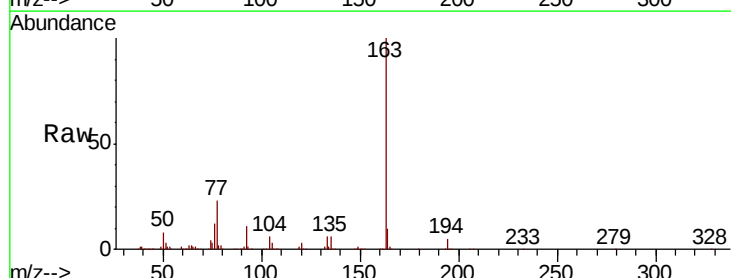
RT: 14.13 min Scan# 1879

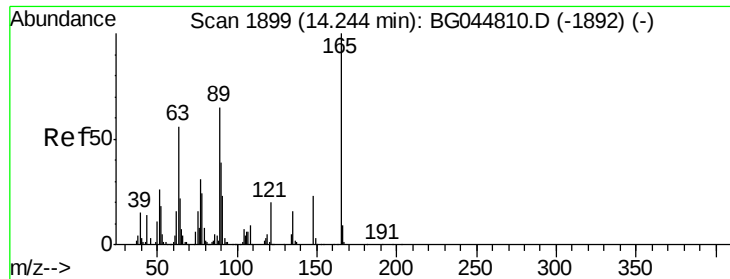
Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	163	Resp:	669945
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	10.4	9.1	13.7





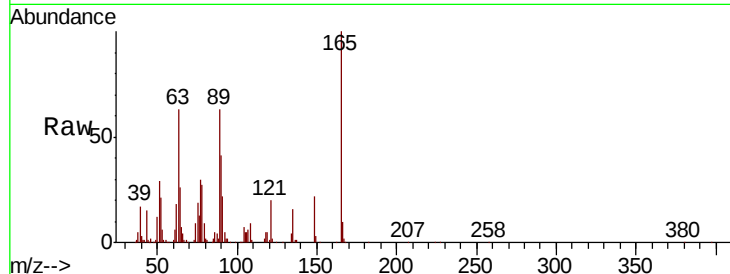
#51
2,6-Dinitrotoluene
Concen: 51.767 ng
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

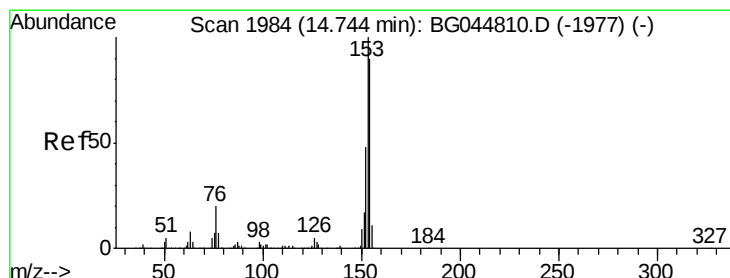
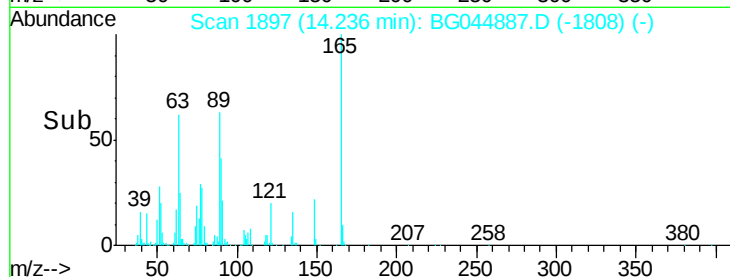
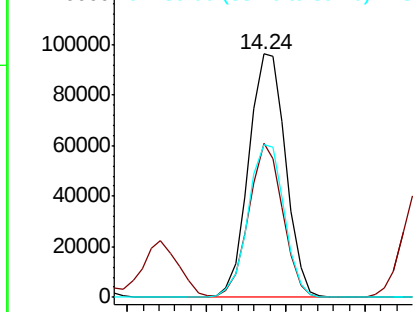
Tot Ion	Ratio	Resp	Lower	Upper
165	100	156085		
63	63.3	45.8	68.8	
89	62.9	51.8	77.6	

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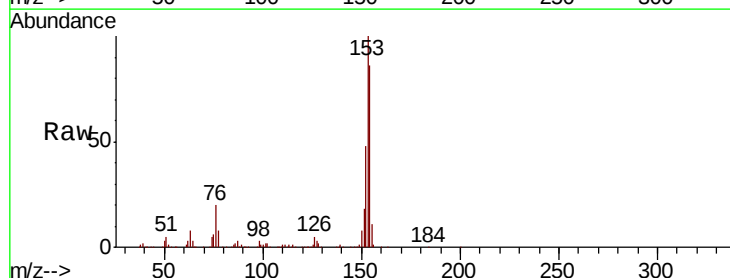


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

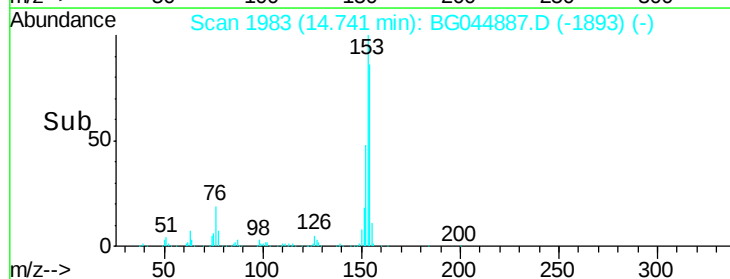
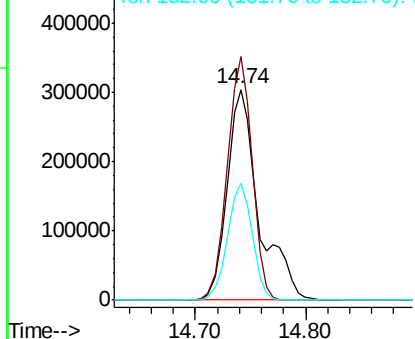


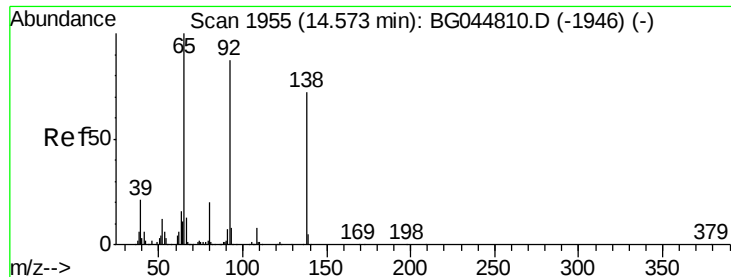
#52
Acenaphthene
Concen: 51.979 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	611452		
153	115.6	89.0	133.6	
152	55.6	43.0	64.6	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





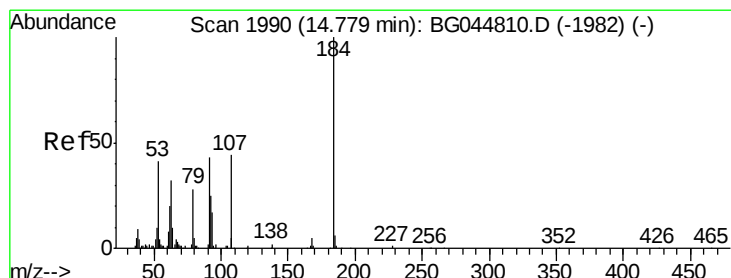
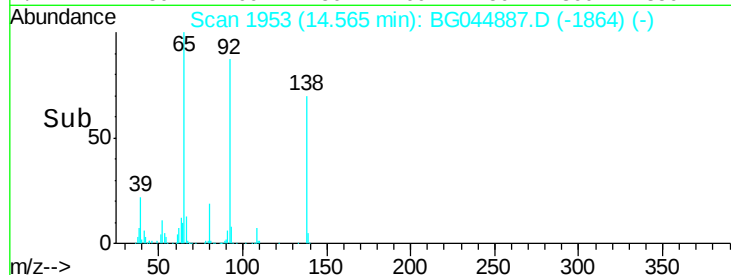
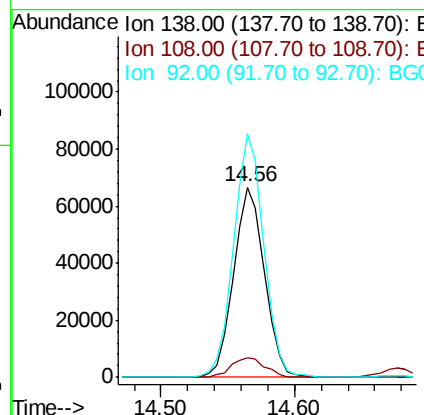
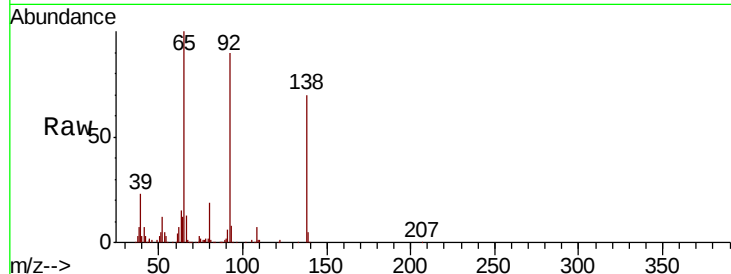
#53
3-Nitroaniline
Concen: 31.041 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.0	13.4
92	128.0	96.8	145.2

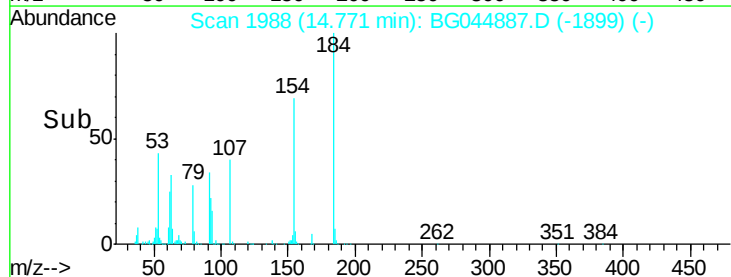
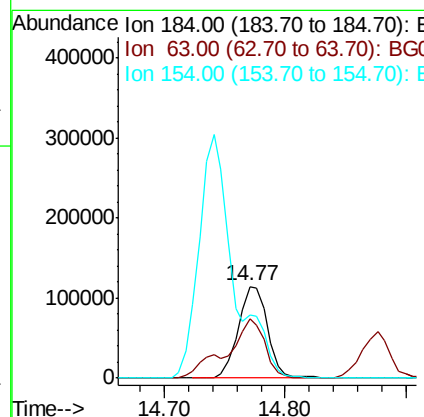
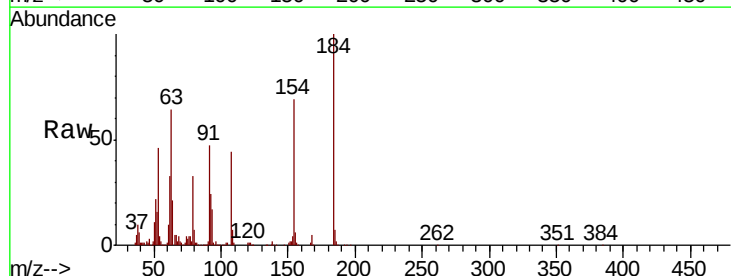
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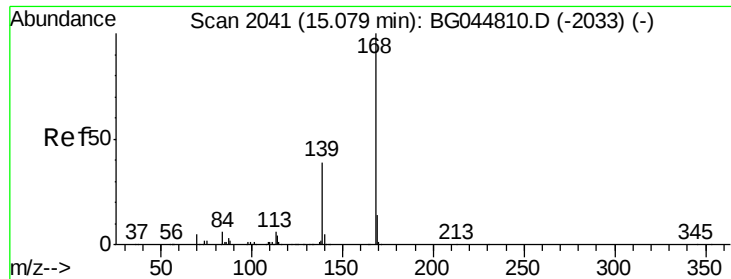
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#54
2,4-Dinitrophenol
Concen: 118.617 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.3	45.5	68.3
154	69.5	49.1	73.7





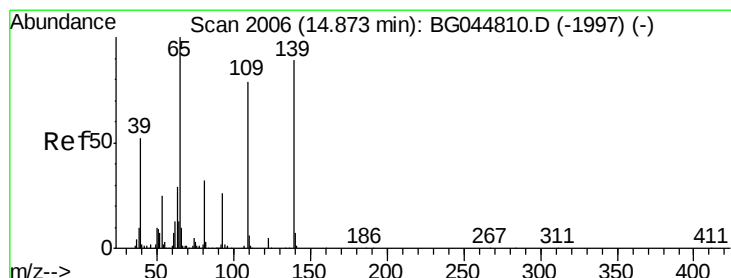
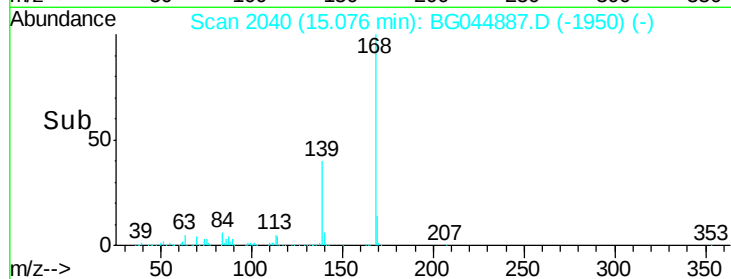
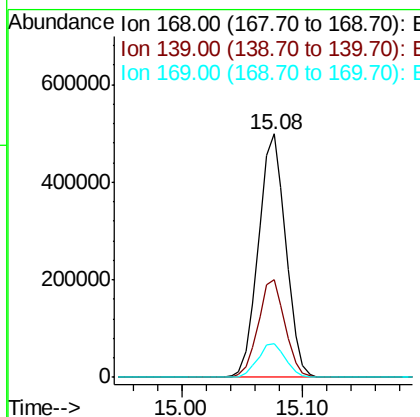
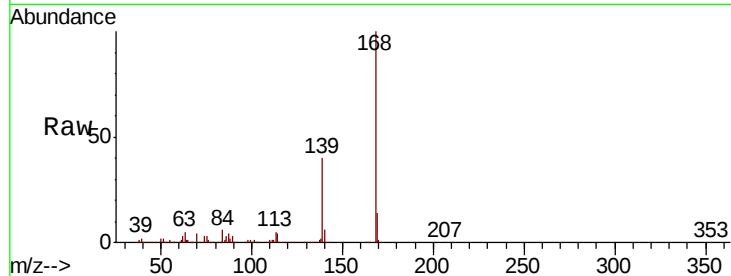
#55
Dibenzofuran
Concen: 45.630 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Resp Lower	Upper
168	100		
139	40.1	31.4	47.0
169	14.0	11.1	16.7

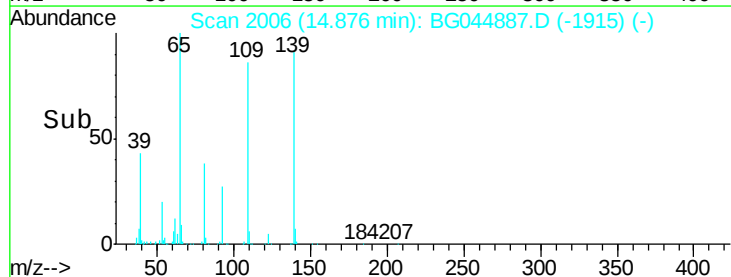
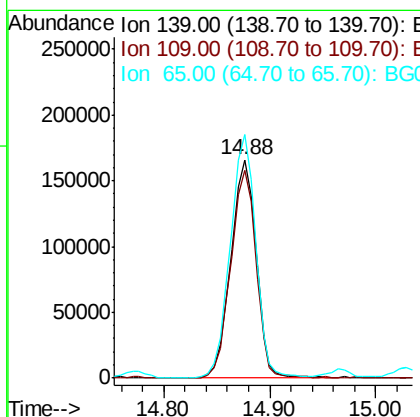
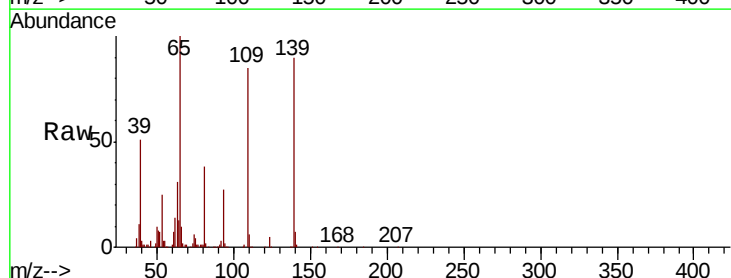
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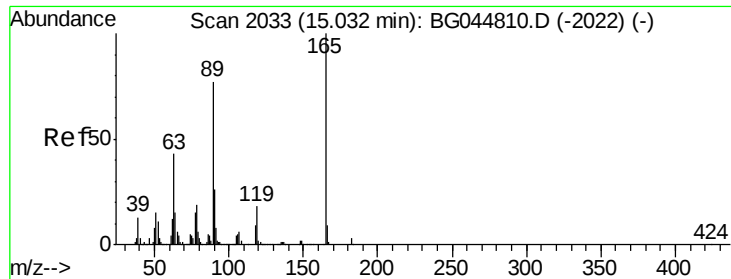
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#56
4-Nitrophenol
Concen: 104.201 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	94.8	68.8	108.8
65	111.4	92.5	132.5





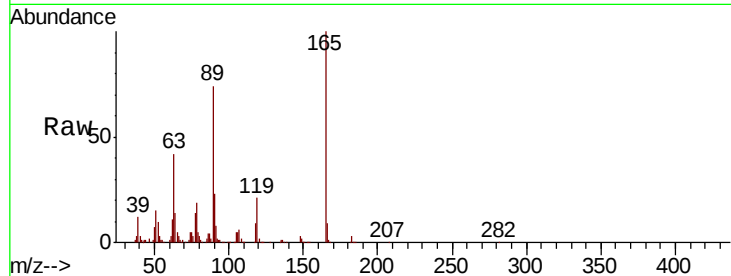
#57
2,4-Dinitrotoluene
Concen: 53.374 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

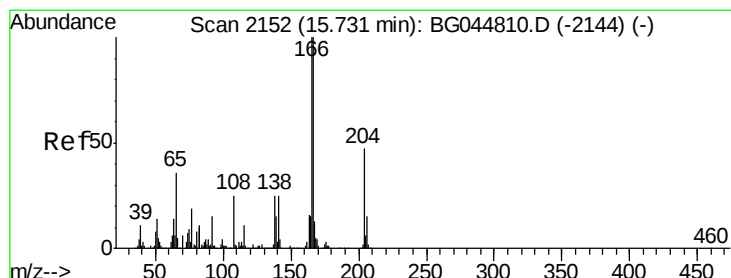
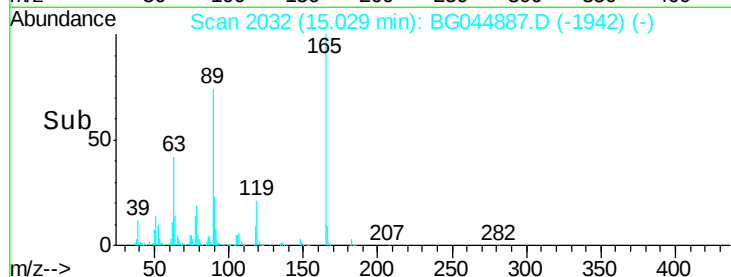
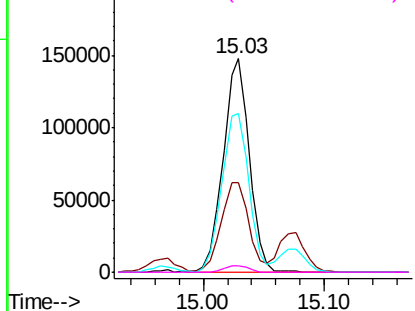
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		220714		
63	41.8	34.6	52.0		
89	74.4	61.3	91.9		
182	3.1	2.2	3.2		

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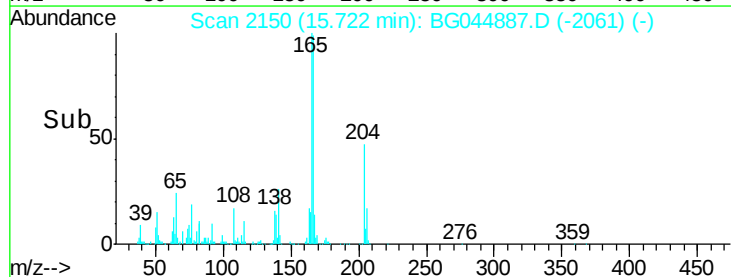
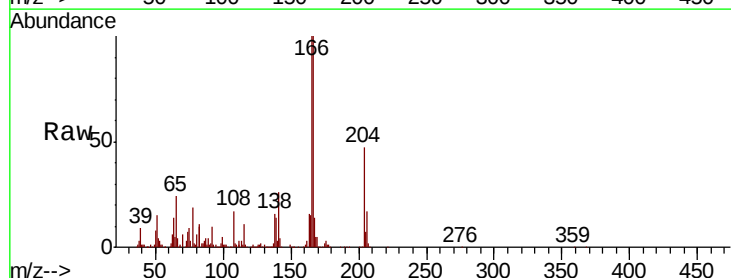
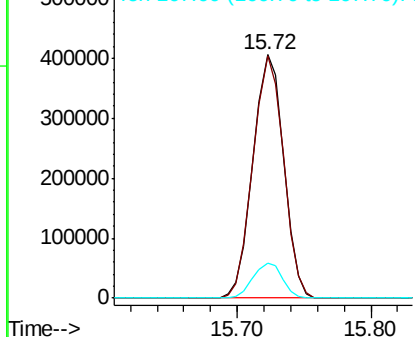
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

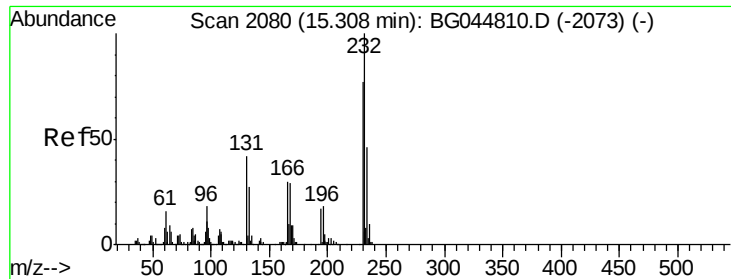


#58
Fluorene
Concen: 45.903 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		644139		
165	99.6	79.7	119.5		
167	14.3	10.6	16.0		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





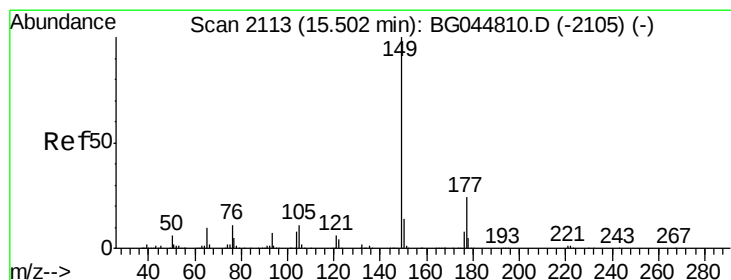
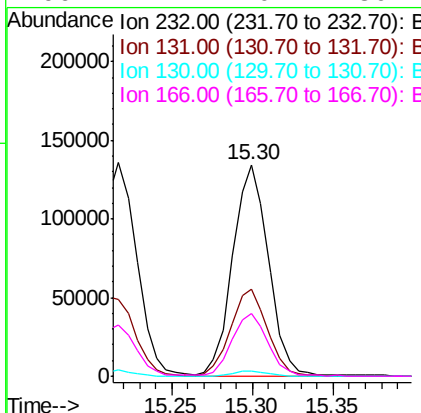
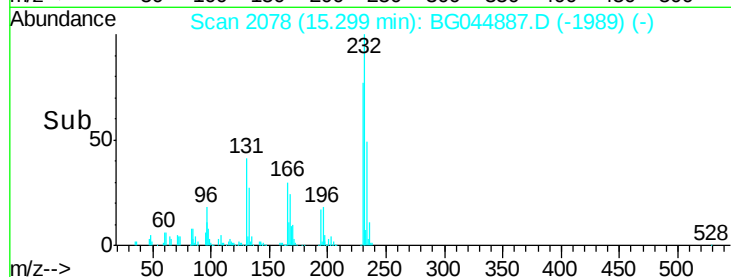
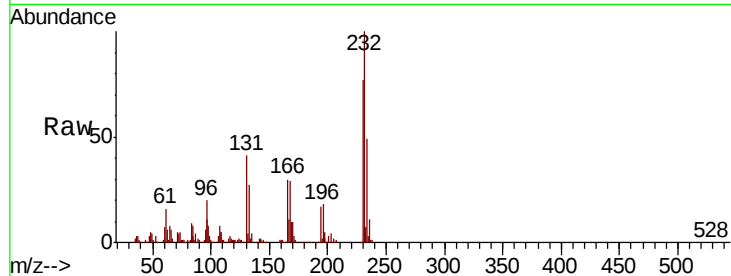
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.357 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209123		
131	37.1		31.8	47.8
130	2.7		2.2	3.2
166	24.2		20.2	30.2

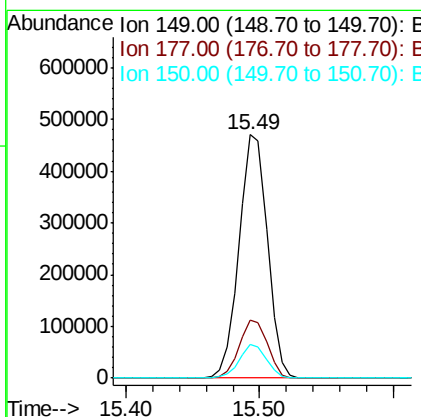
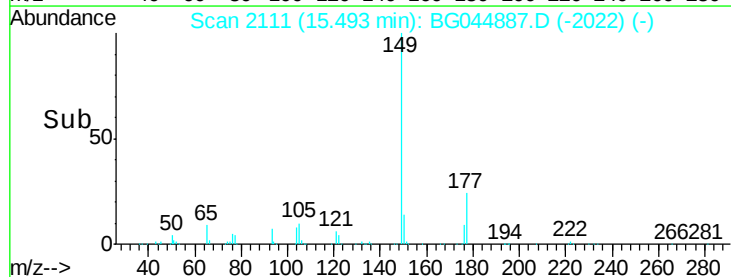
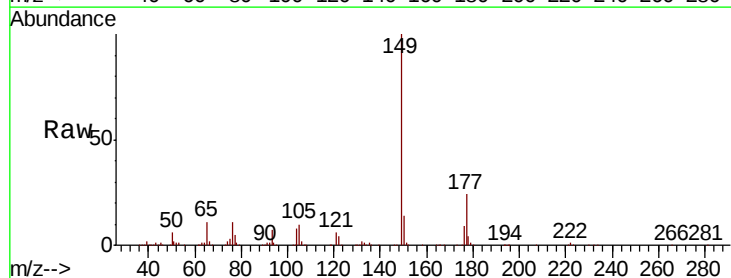
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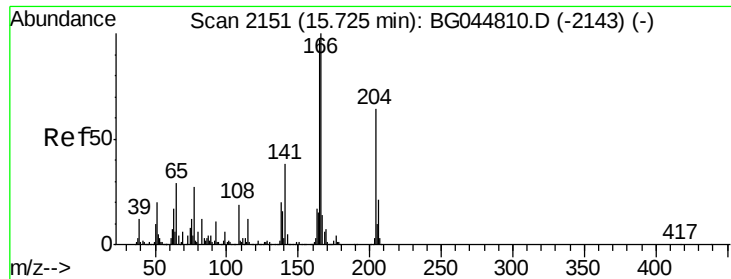
mohammad
 3/19/2020 12:35:00 PM



#60
 Diethylphthalate
 Concen: 44.212 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	689777		
177	23.9		19.3	28.9
150	13.8		11.0	16.6





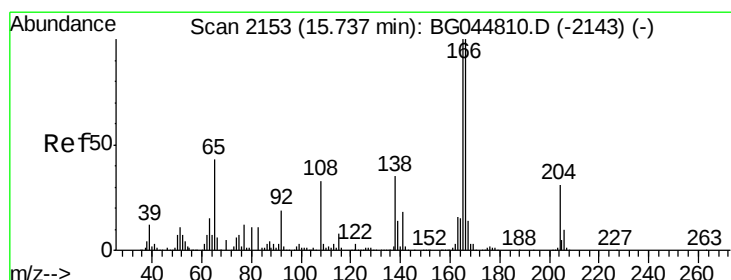
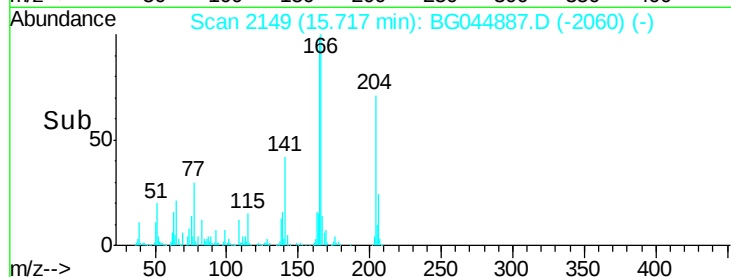
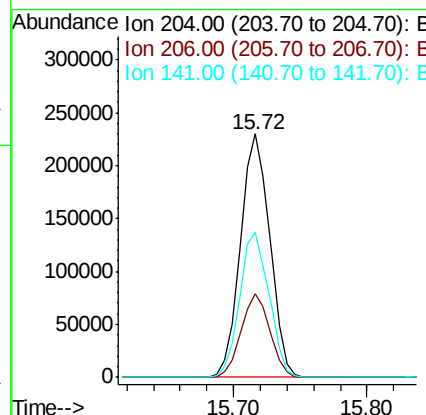
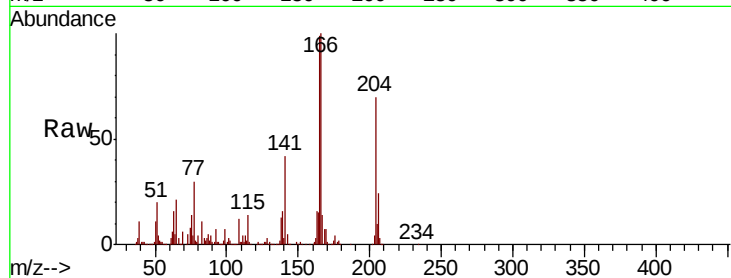
#61
 4-Chlorophenyl-phenylether
 Concen: 46.164 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	26.2	39.2	
141	59.7	47.7	71.5	

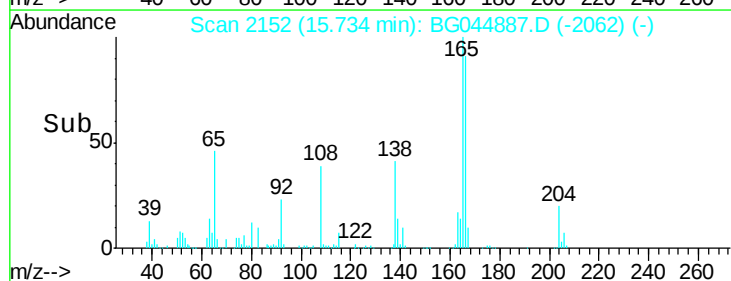
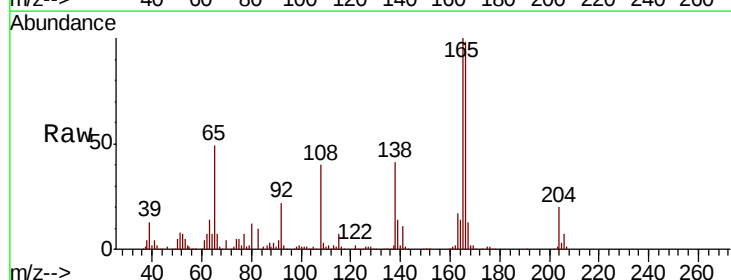
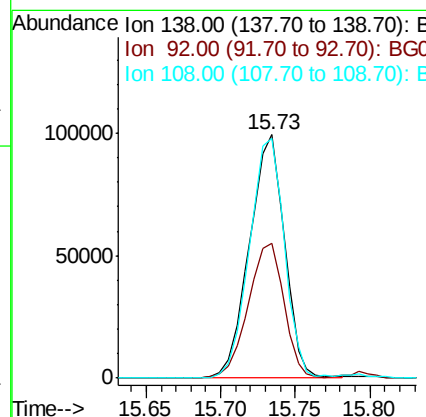
Manual Integrations
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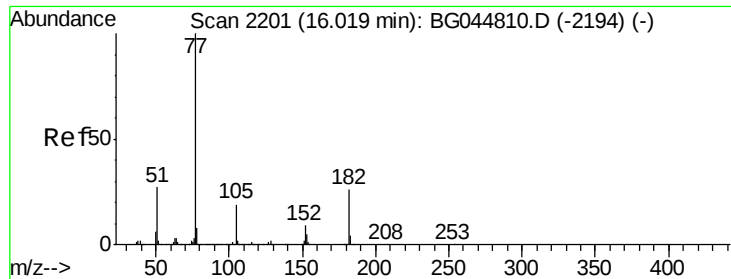
mohammad
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#62
 4-Nitroaniline
 Concen: 43.763 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.1	34.5	74.5	
108	98.3	74.5	114.5	





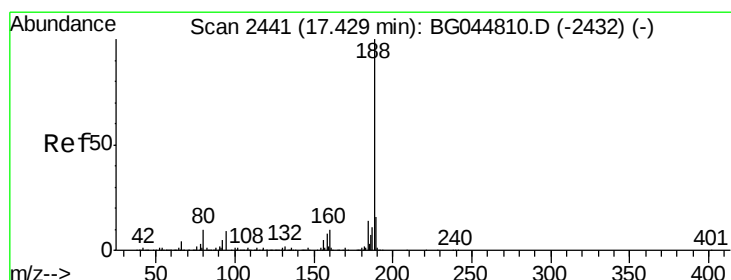
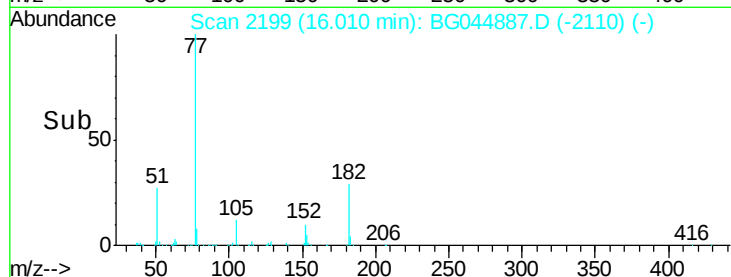
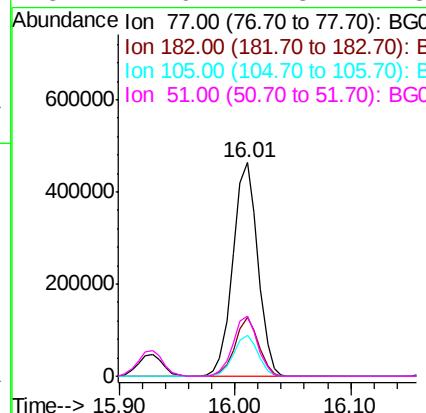
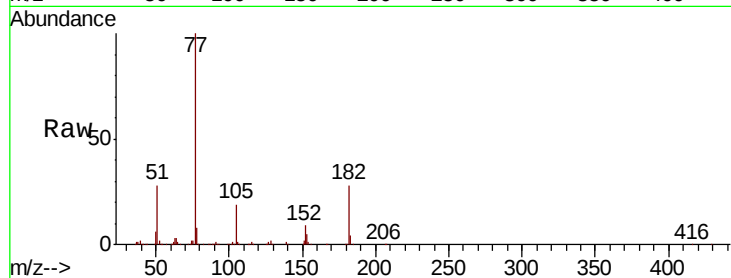
#63
Azobenzene
Concen: 42.685 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		691558		
182	27.7	6.4	46.4		
105	19.0	0.0	39.1		
51	27.9	7.3	47.3		

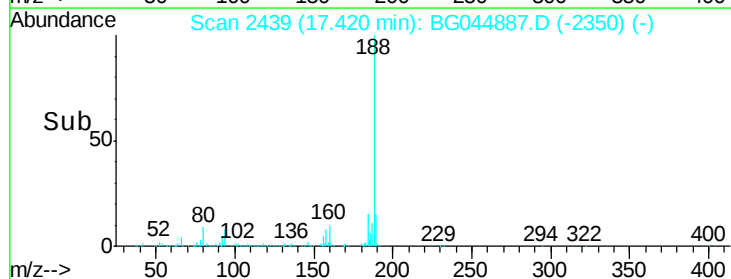
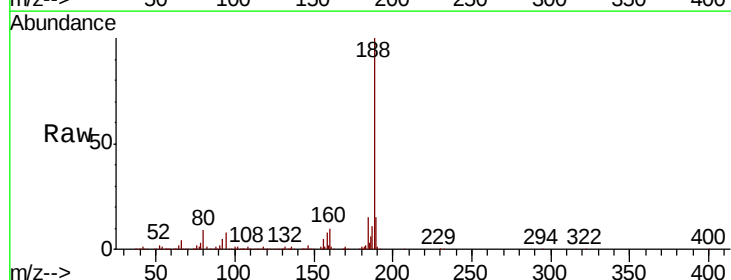
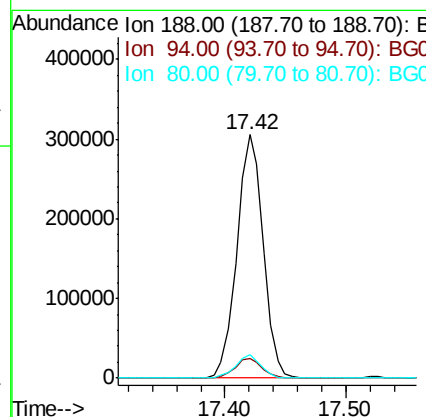
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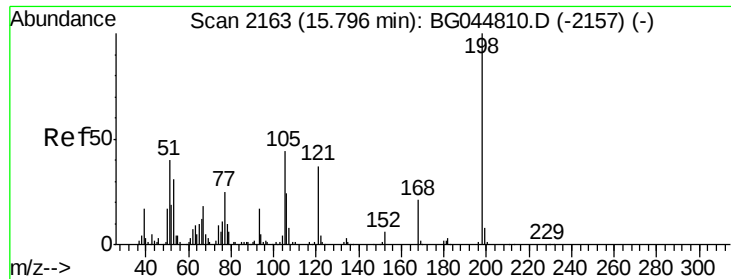
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		461199		
94	8.0	7.3	10.9		
80	9.5	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 59.924 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

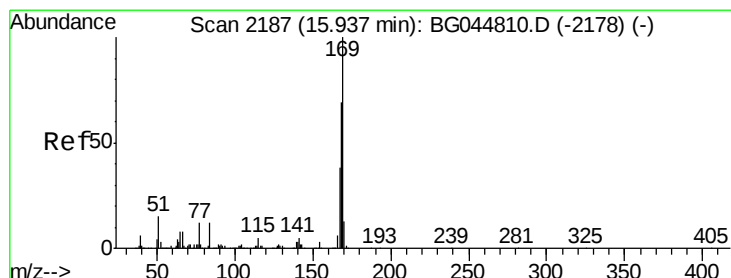
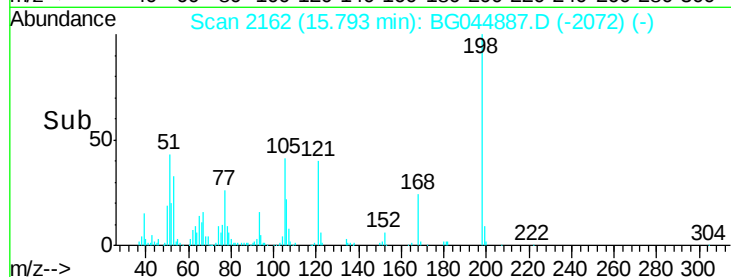
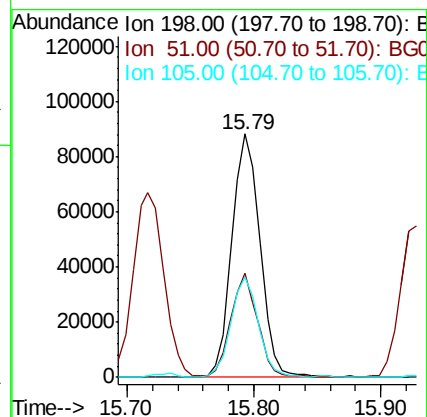
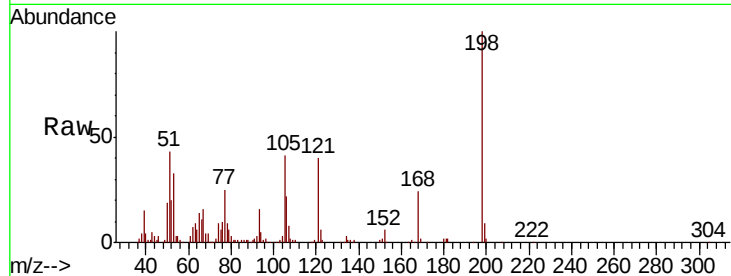
ClientSampleId :

PB127567BS

Tot Ion:	198	Resp:	135021
Ion Ratio	Lower	Upper	
198	100		
51	42.6	21.1	61.1
105	41.0	24.5	64.5

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#66

n-Nitrosodiphenylamine

Concen: 42.319 ng

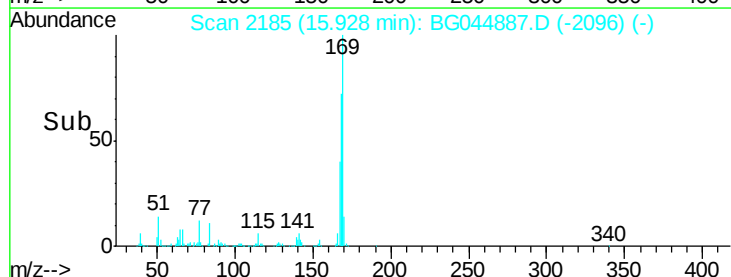
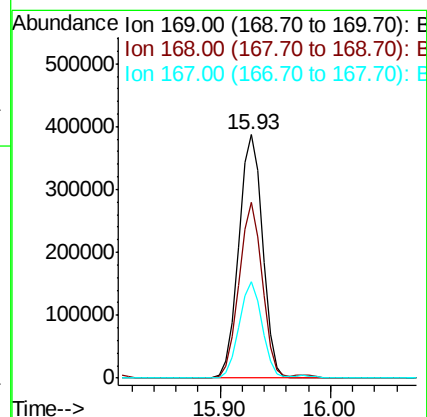
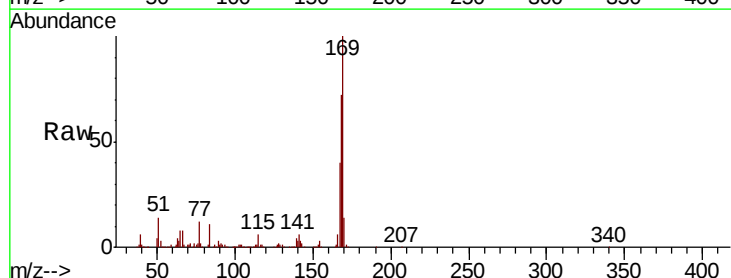
RT: 15.93 min Scan# 2185

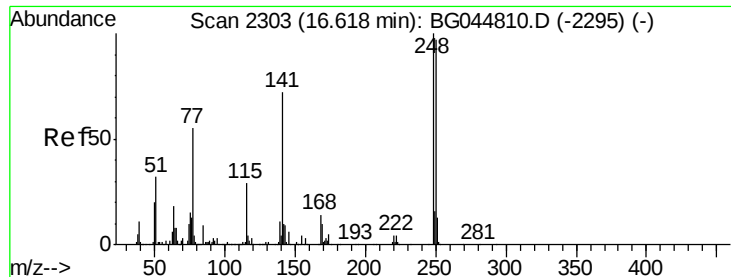
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	169	Resp:	587611
Ion Ratio	Lower	Upper	
169	100		
168	72.2	55.4	83.2
167	39.6	30.1	45.1





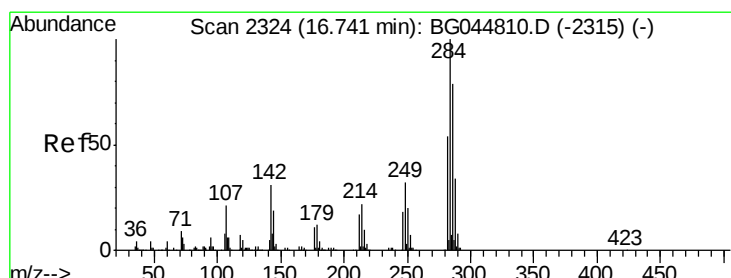
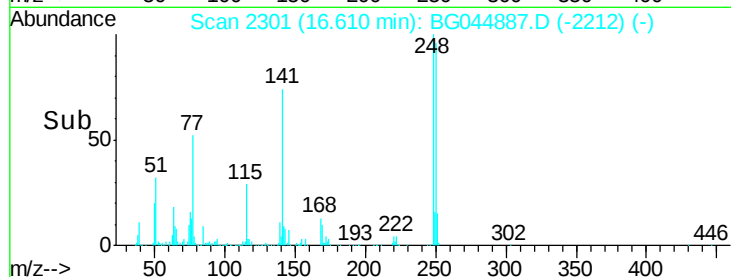
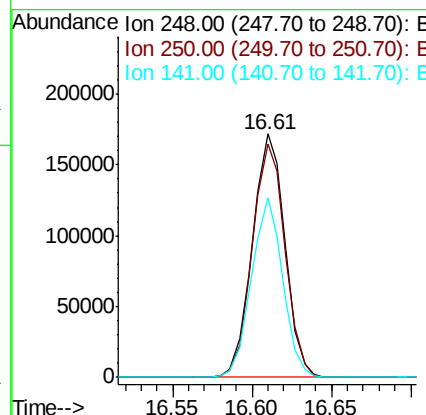
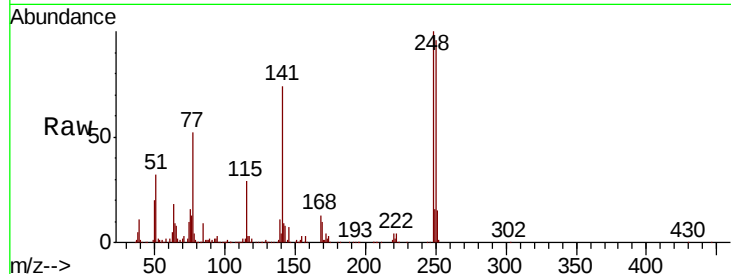
#67
4-Bromophenyl-phenylether
Concen: 42.501 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.9	116.9
141	73.7	57.5	86.3

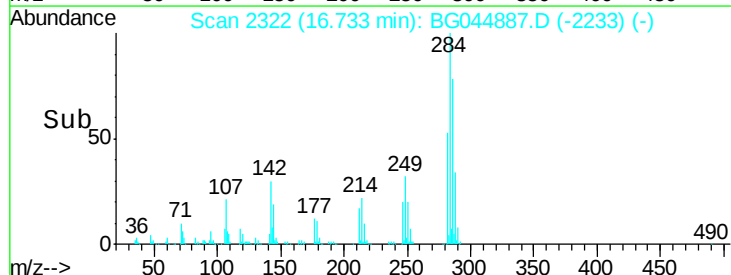
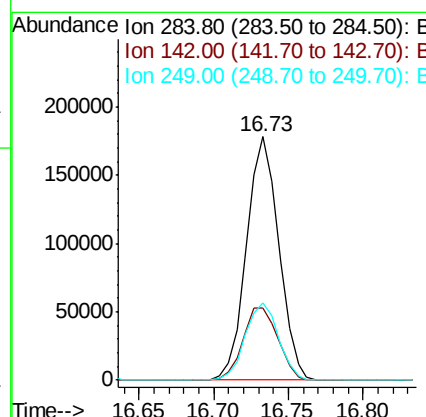
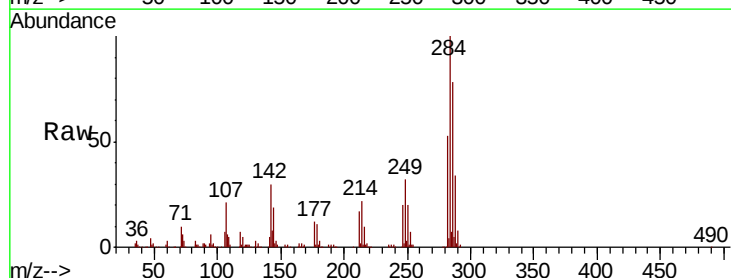
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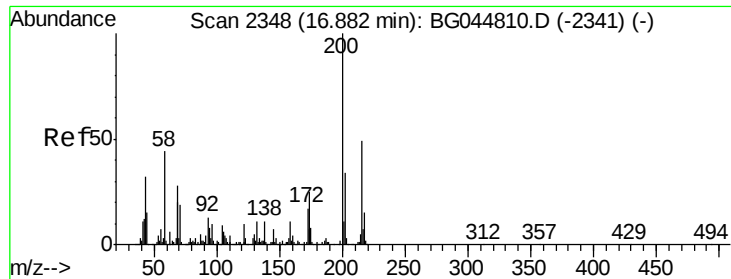
mohammad
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#68
Hexachlorobenzene
Concen: 42.573 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.0	37.6
249	31.9	25.8	38.8





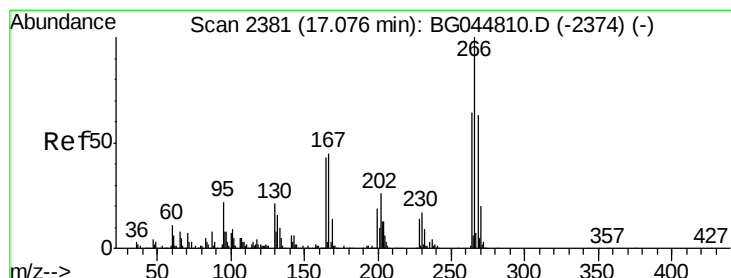
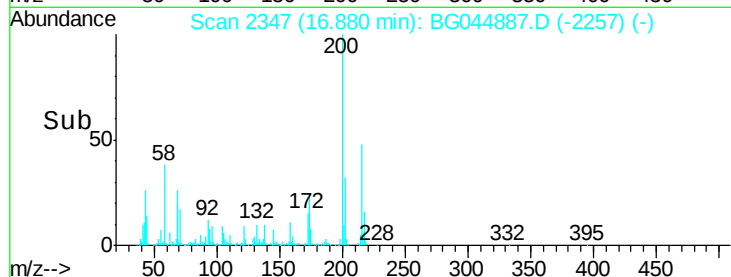
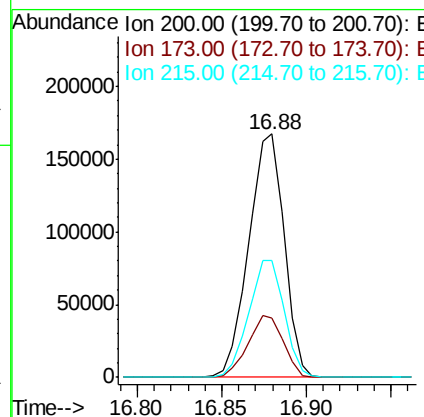
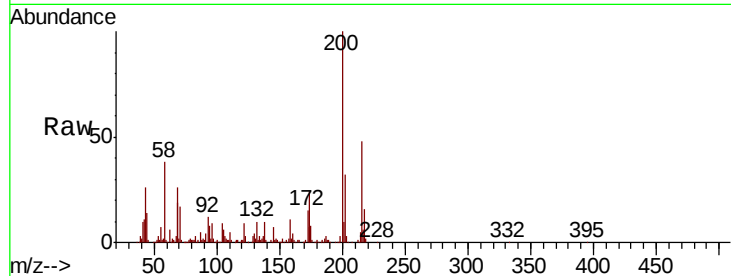
#69
Atrazine
Concen: 48.099 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	5.3	45.3
215	48.0	28.9	68.9

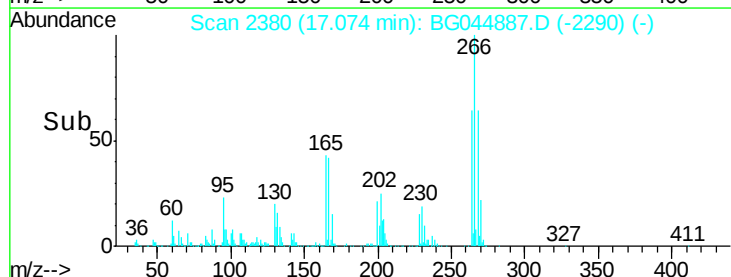
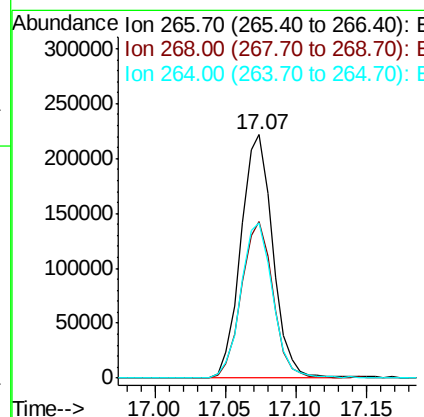
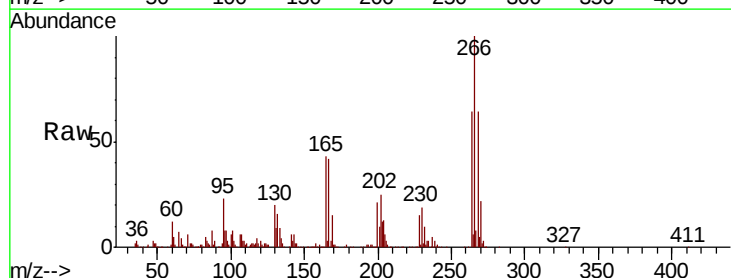
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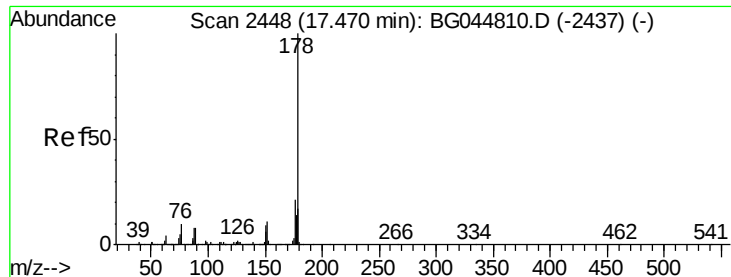
mohammad
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#70
Pentachlorophenol
Concen: 101.927 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	50.3	75.5
264	63.9	51.4	77.2





#71

Phenanthrene

Concen: 43.867 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

PB127567BS

Tot Ion:178 Resp: 1081128

Ion Ratio Lower Upper

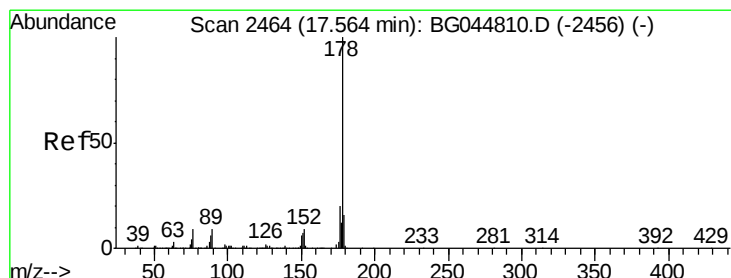
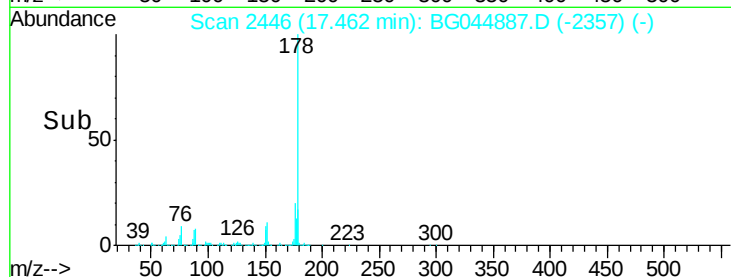
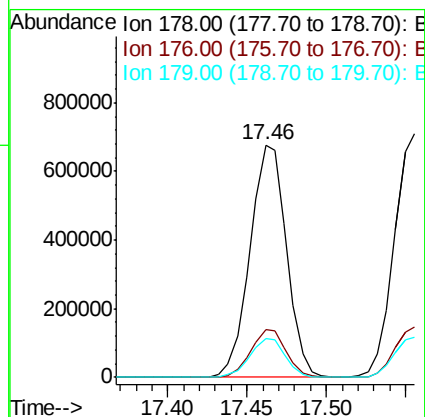
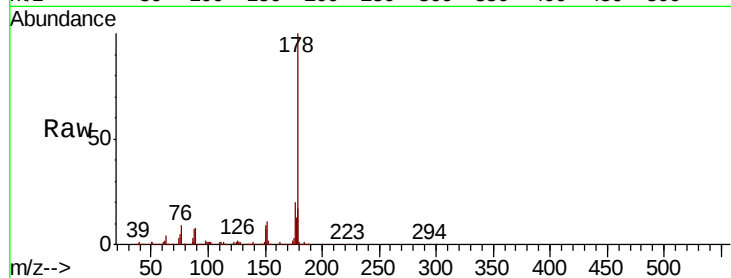
178 100

176 20.4 16.6 24.8

179 16.8 13.5 20.3

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#72

Anthracene

Concen: 45.376 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

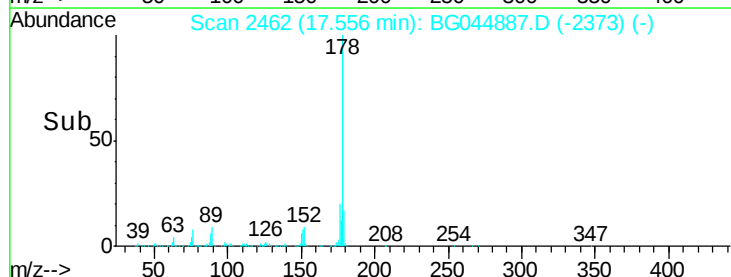
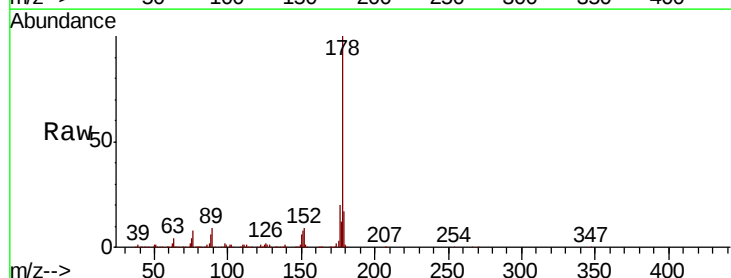
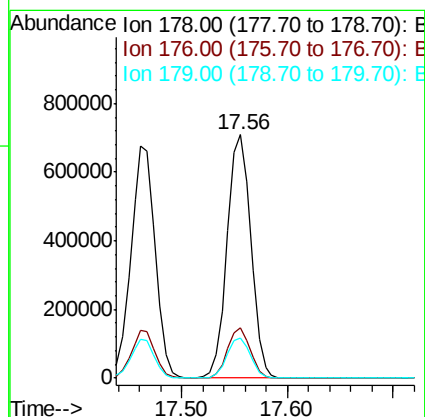
Tgt Ion:178 Resp: 1102735

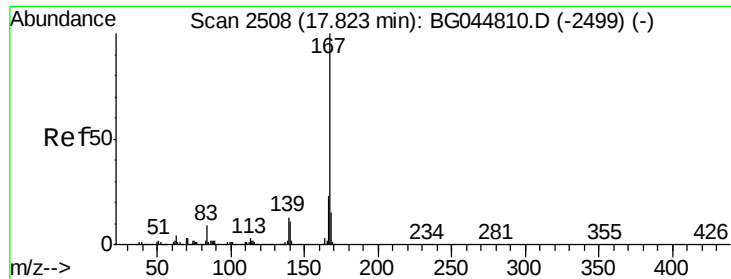
Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

179 16.7 13.2 19.8





#73

Carbazole

Concen: 45.007 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

PB127567BS

Tot Ion:167 Resp: 1050640

Ion Ratio Lower Upper

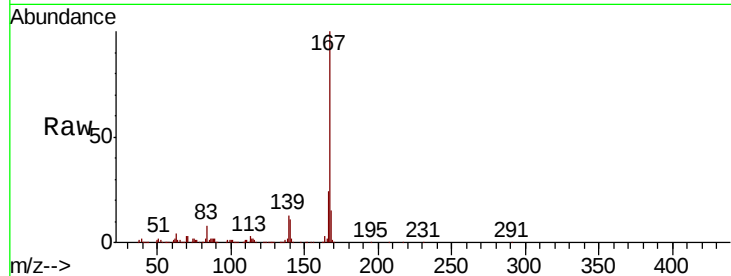
167 100

166 23.6 18.8 28.2

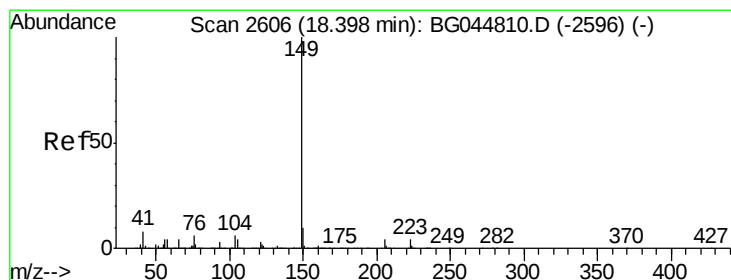
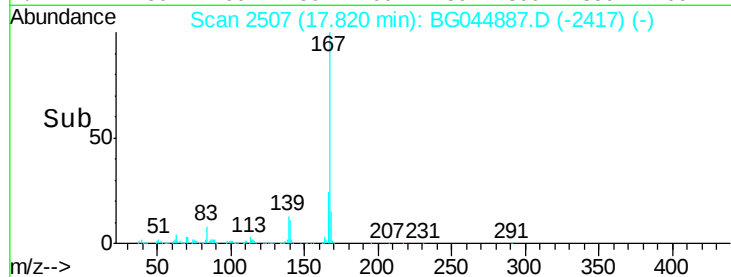
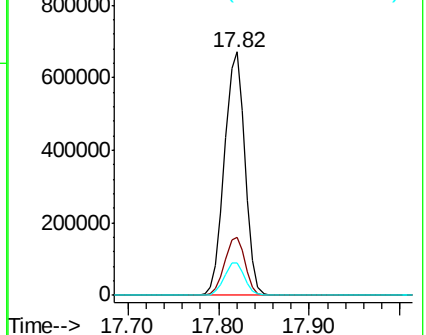
139 13.2 10.8 16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.544 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

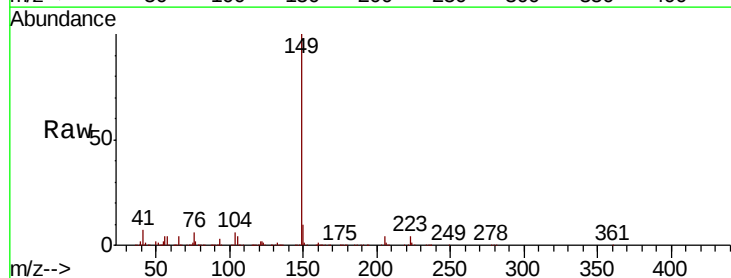
Tgt Ion:149 Resp: 1264034

Ion Ratio Lower Upper

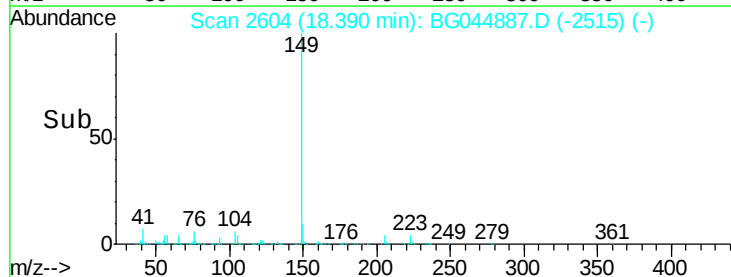
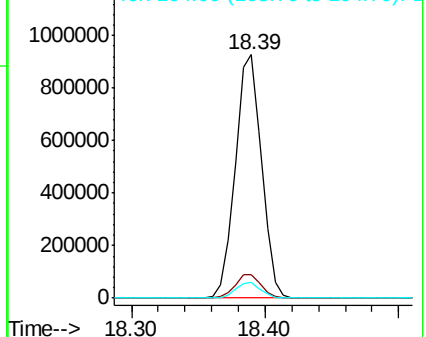
149 100

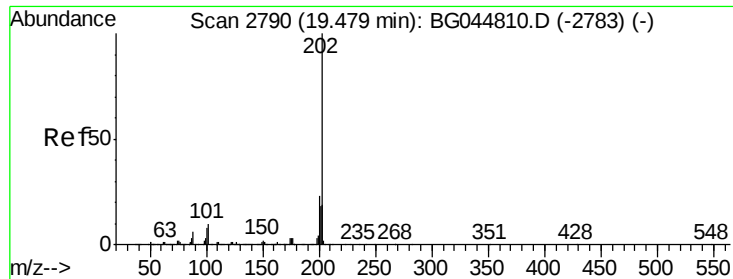
150 9.8 8.1 12.1

104 6.4 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.380 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

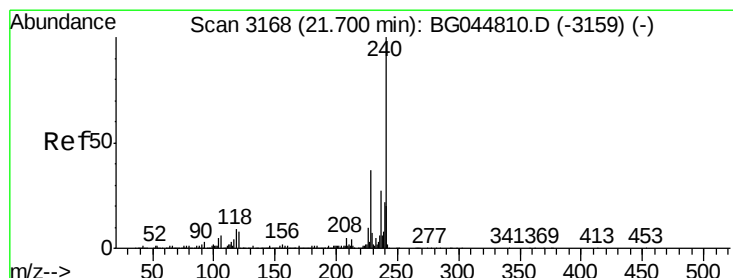
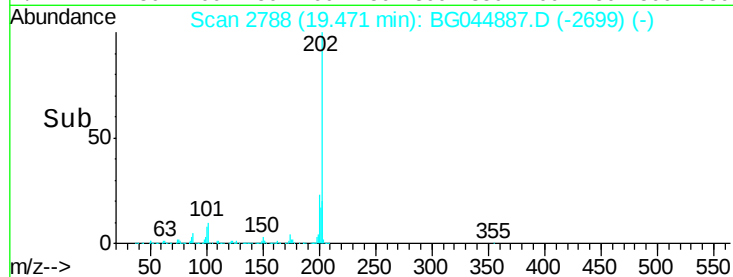
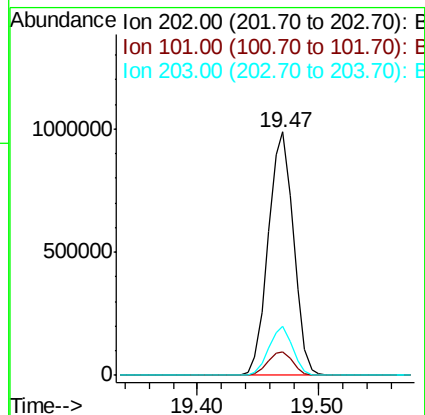
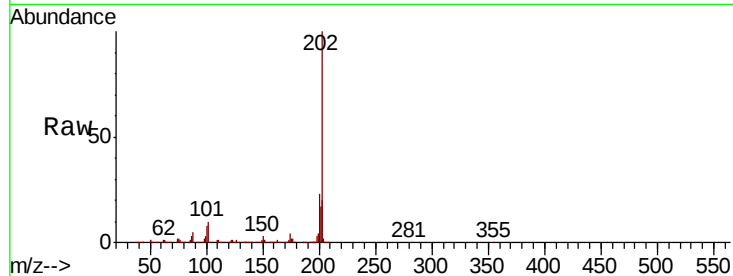
ClientSampleId :

PB127567BS

Tot Ion:	202	Resp:	1419714
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.8
203	20.0	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

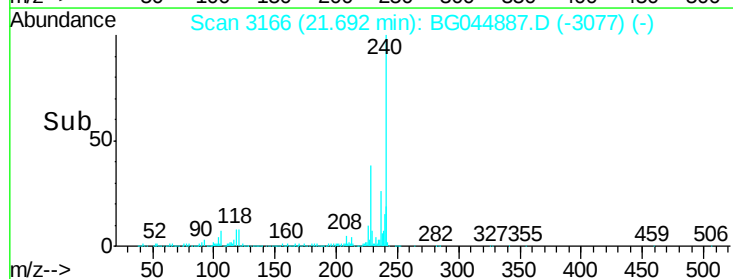
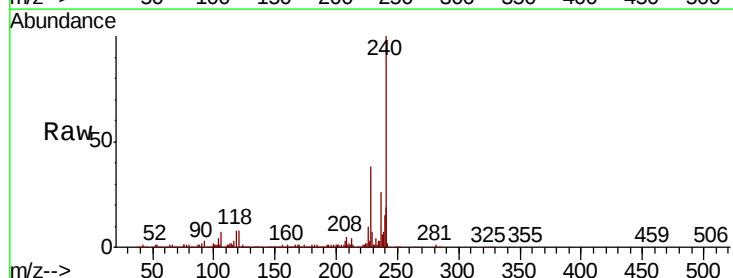
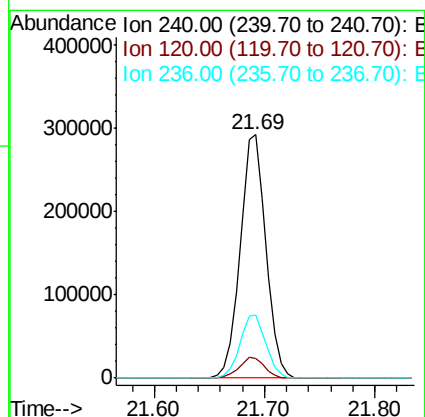
RT: 21.69 min Scan# 3166

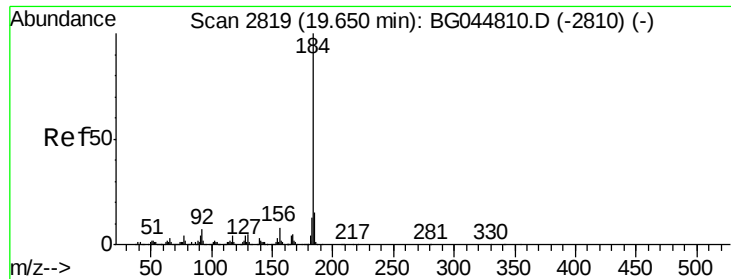
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	240	Resp:	476986
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.7	10.1
236	25.7	21.5	32.3





#77

Benzidine

Concen: 53.082 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

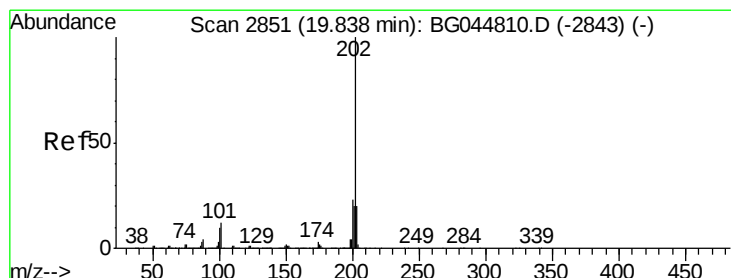
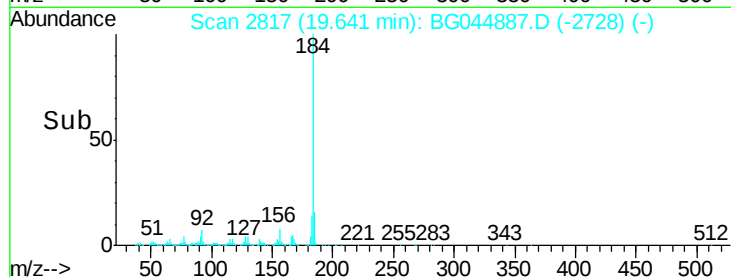
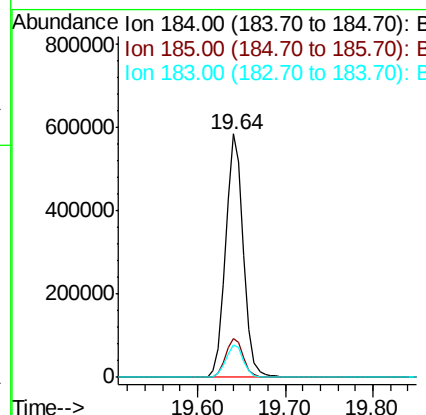
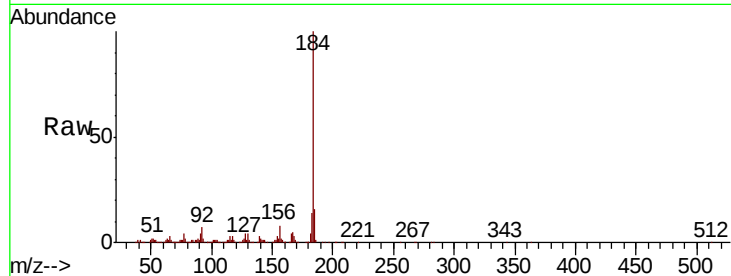
ClientSampleId :

PB127567BS

Tot Ion:	184	Resp:	821966
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.2	18.4
183	13.6	10.7	16.1

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#78

Pyrene

Concen: 40.463 ng

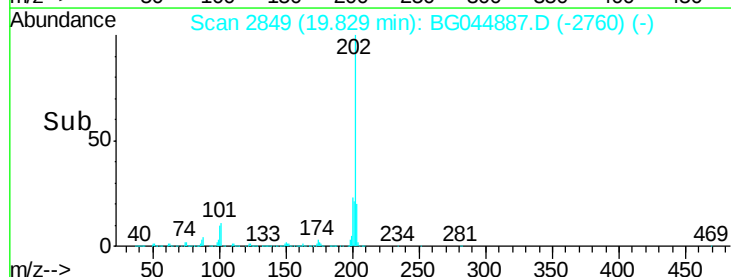
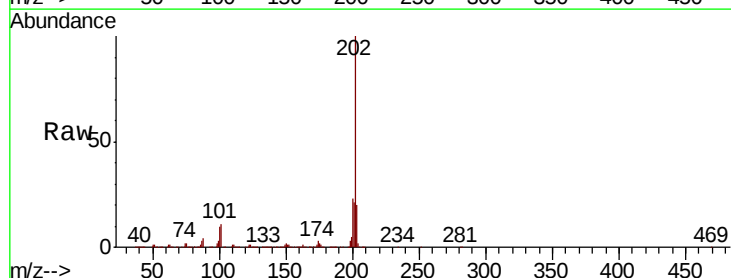
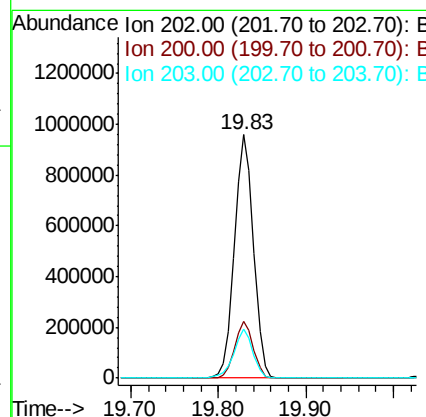
RT: 19.83 min Scan# 2849

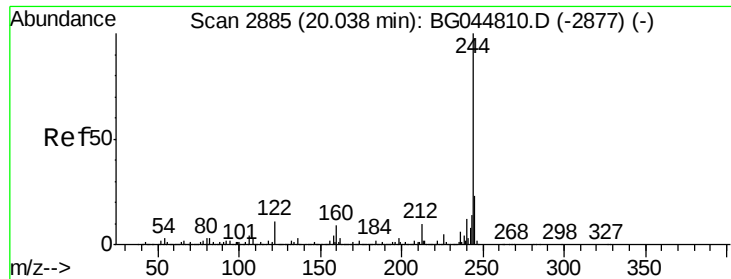
Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Tgt Ion:	202	Resp:	1415993
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.3	27.5
203	19.9	15.6	23.4





#79
 Terphenyl-d14
 Concen: 79.630 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

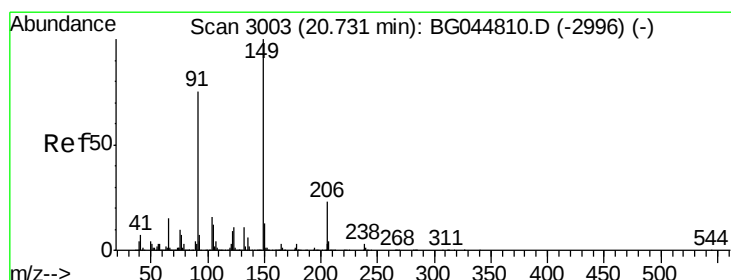
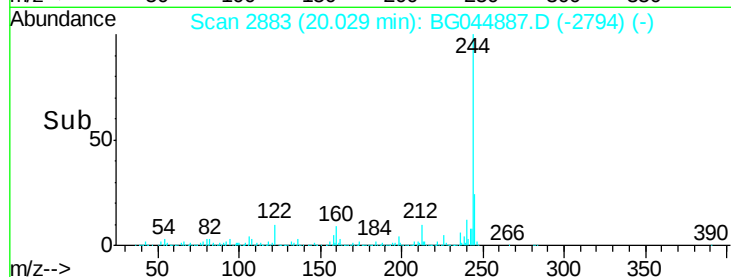
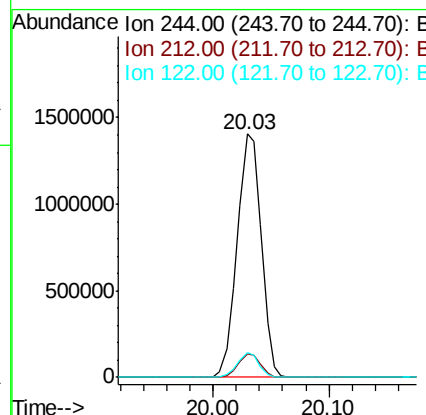
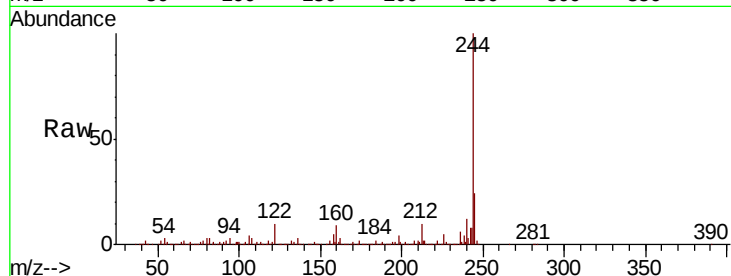
Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion:244 Resp: 2030549

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	10.1	8.6	12.8

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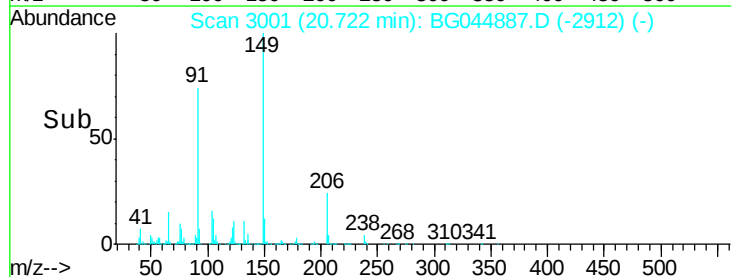
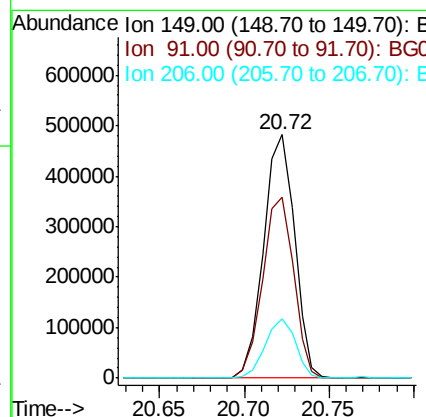
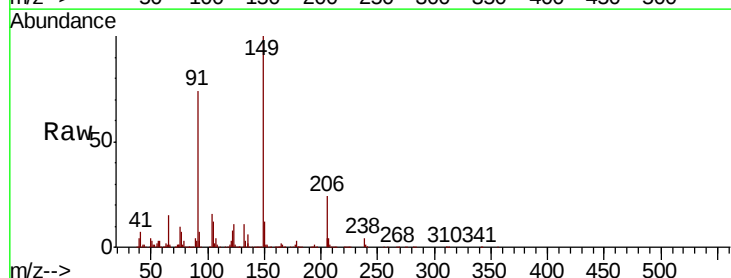
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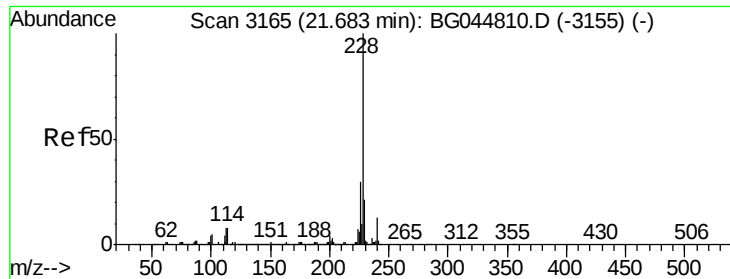


#80
 Butylbenzylphthalate
 Concen: 39.650 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion:149 Resp: 617299

Ion	Ratio	Lower	Upper
149	100		
91	74.3	60.2	90.4
206	24.3	18.6	27.8





#81

Benzo(a)anthracene

Concen: 41.594 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

Instrument :

BNA_G

ClientSampleId :

PB127567BS

Tot Ion:228 Resp: 1428592

Ion Ratio Lower Upper

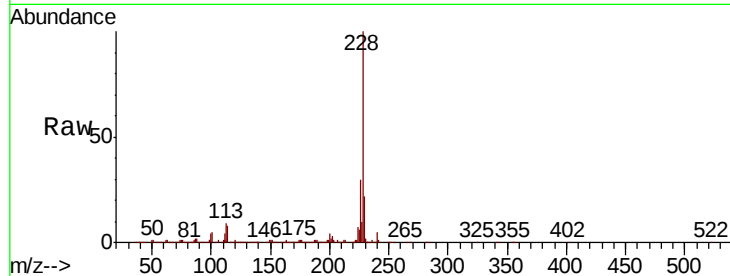
228 100

226 29.5 23.6 35.4

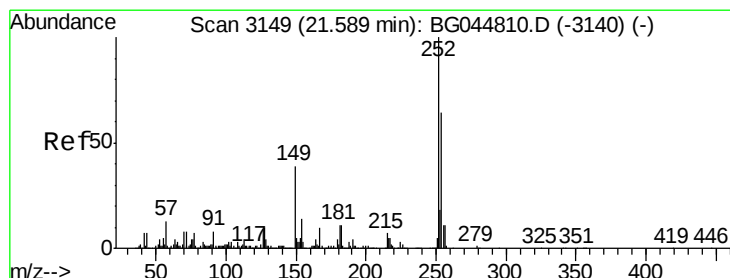
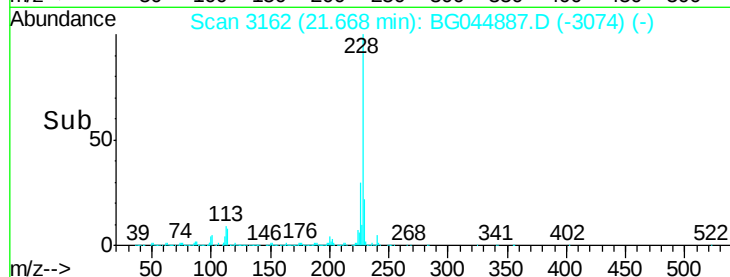
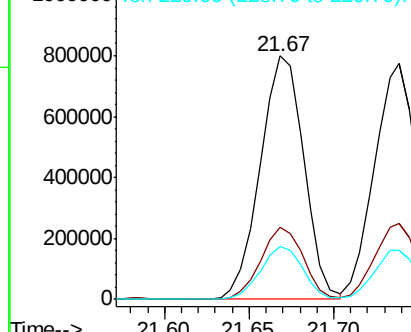
229 21.7 17.1 25.7

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



#82

3,3'-Dichlorobenzidine

Concen: 30.778 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044887.D

Acq: 19 Mar 2020 7:43

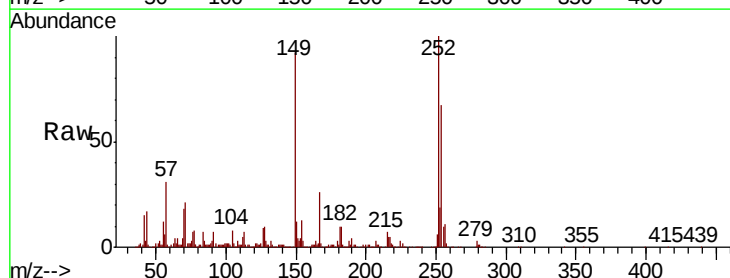
Tgt Ion:252 Resp: 408960

Ion Ratio Lower Upper

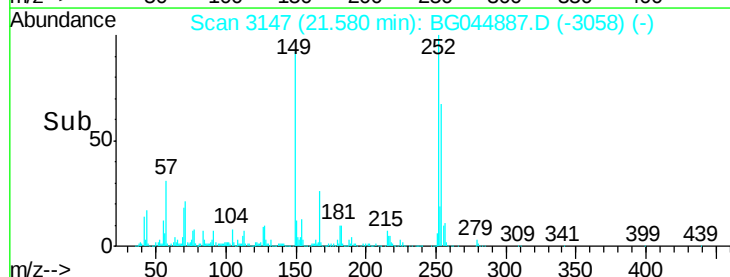
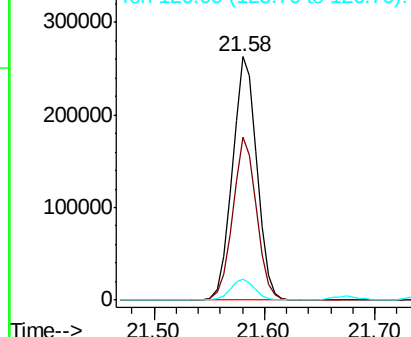
252 100

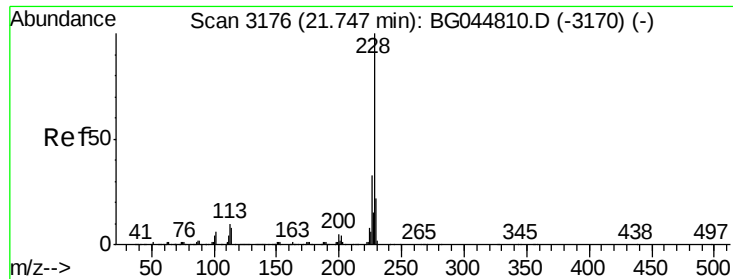
254 67.0 51.6 77.4

126 8.6 7.0 10.6



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





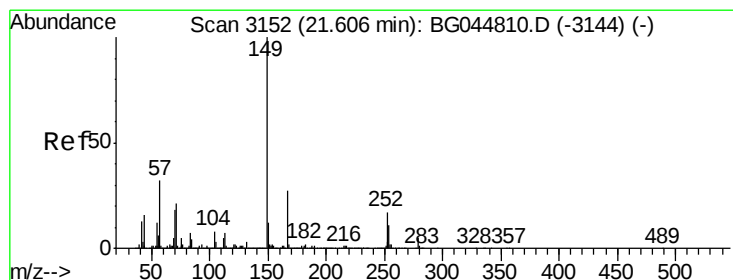
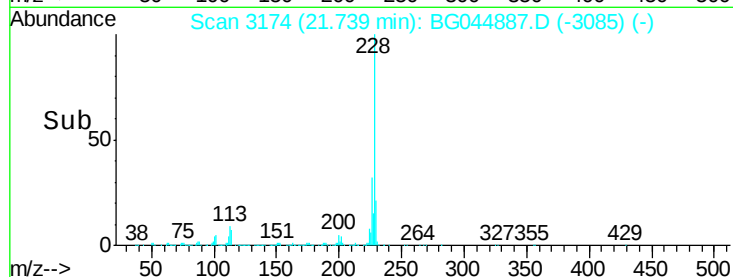
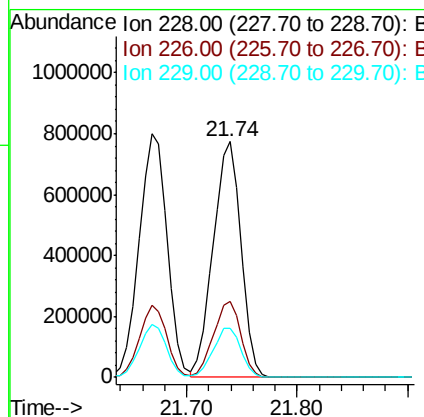
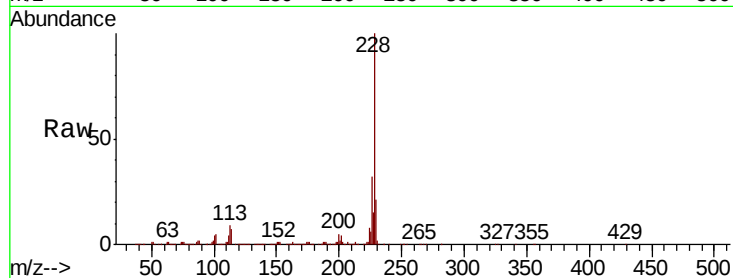
#83
 Chrysene
 Concen: 40.896 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Instrument :
 BNA_G
 ClientSampleId :
 PB127567BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.9	38.9
229	20.8	17.4	26.0

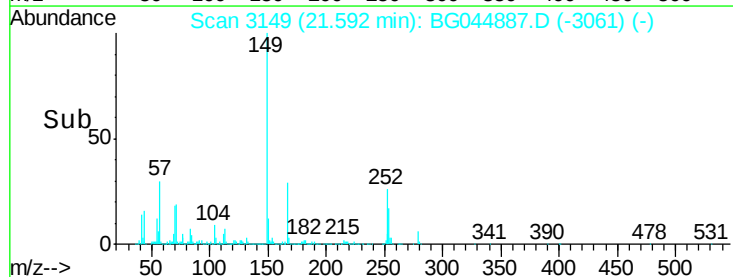
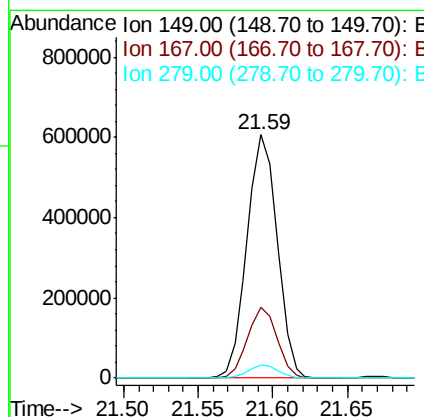
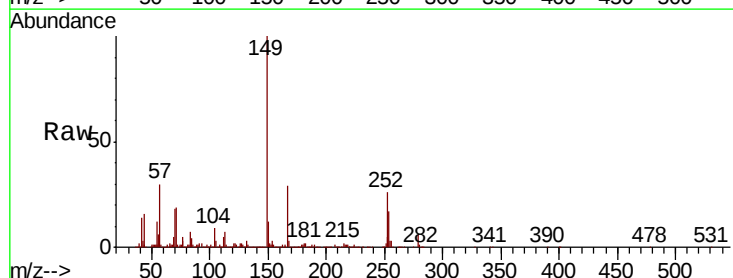
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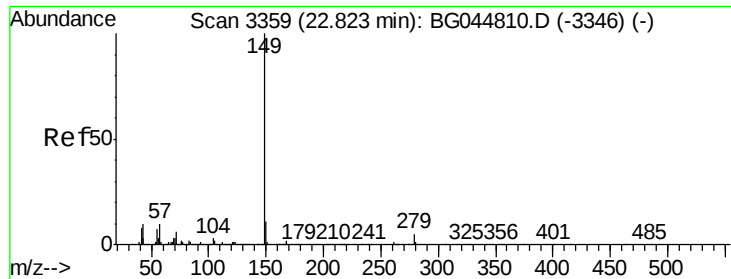
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.566 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG044887.D
 Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.8	32.6
279	5.6	3.8	5.6#





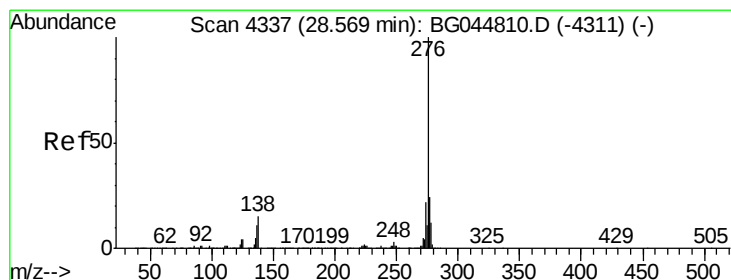
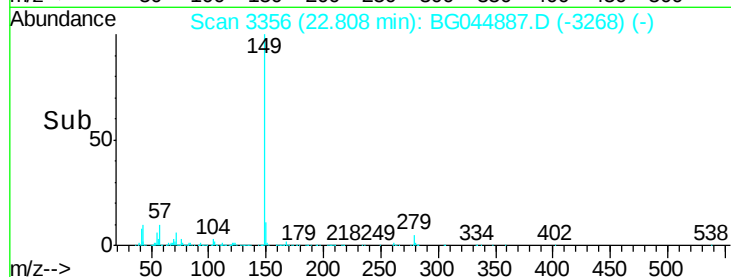
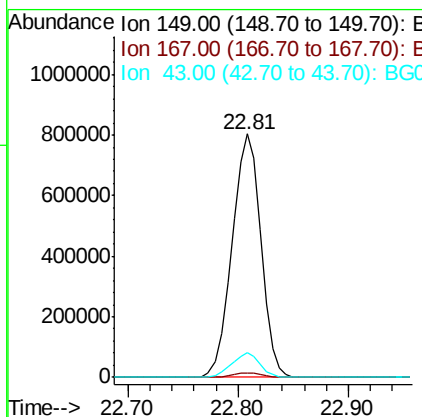
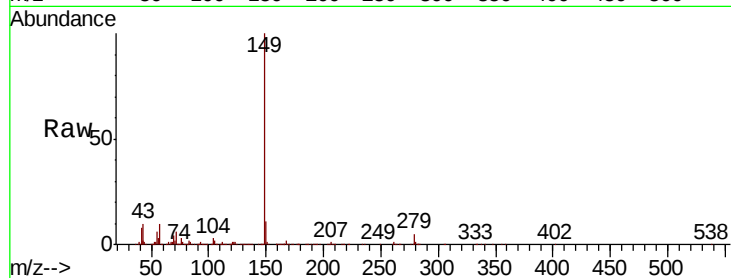
#85
Di-n-octyl phthalate
Concen: 40.860 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.2	12.4

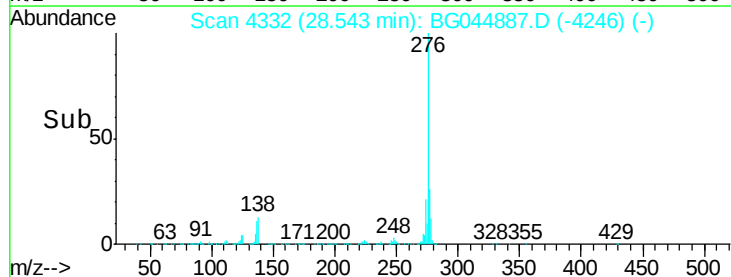
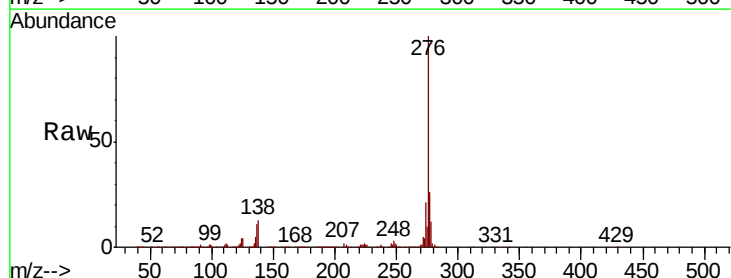
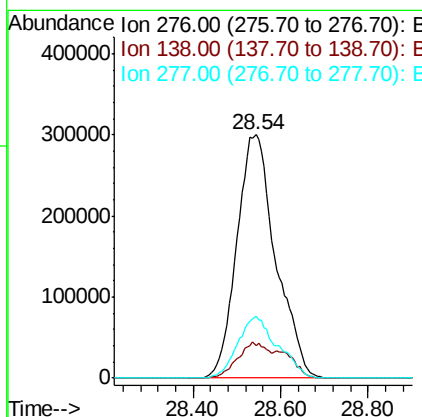
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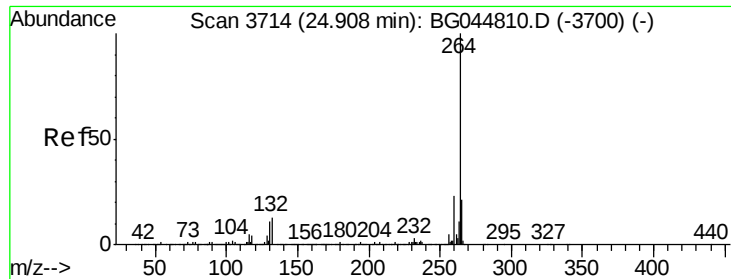
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.049 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.03 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.4	7.4	11.0#
277	25.9	20.8	31.2





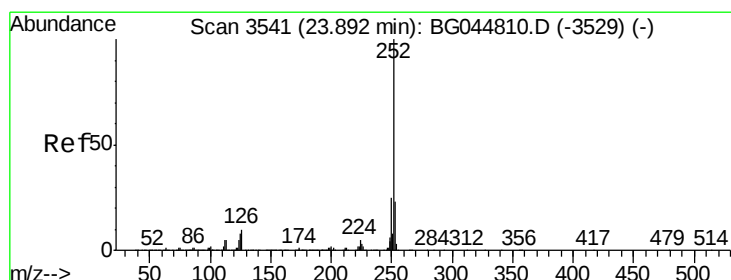
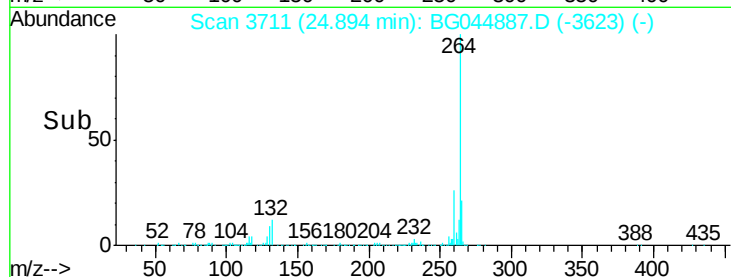
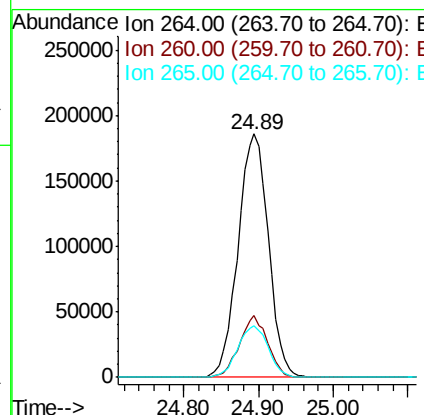
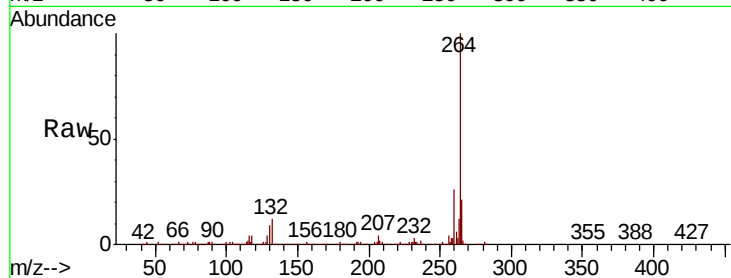
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.1	27.1
265	21.2	17.1	25.7

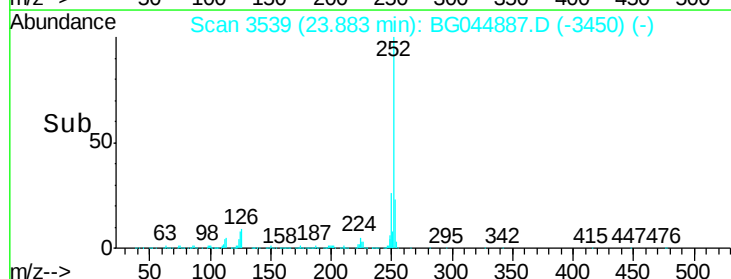
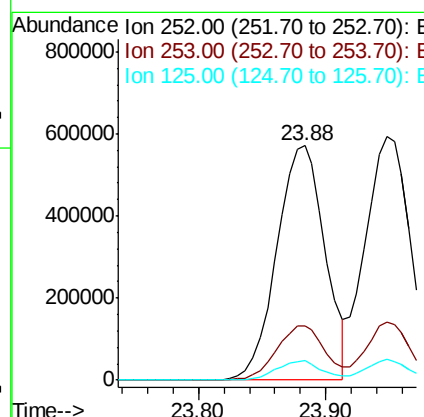
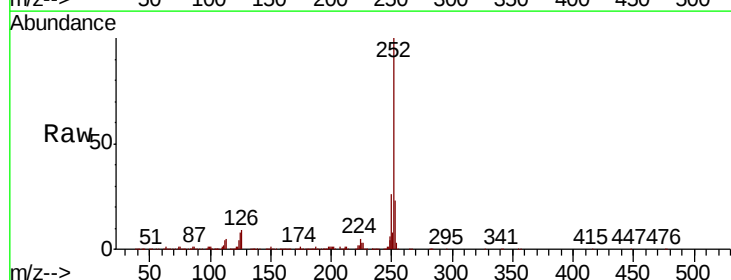
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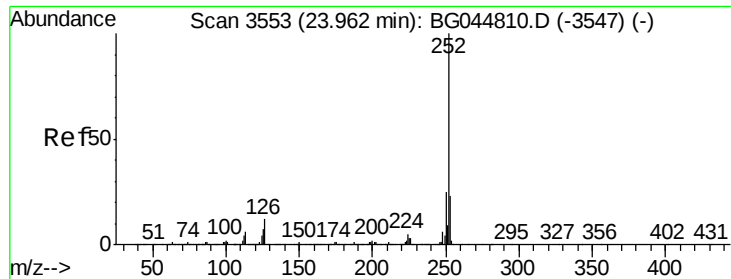
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.449 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	8.1	6.6	9.8





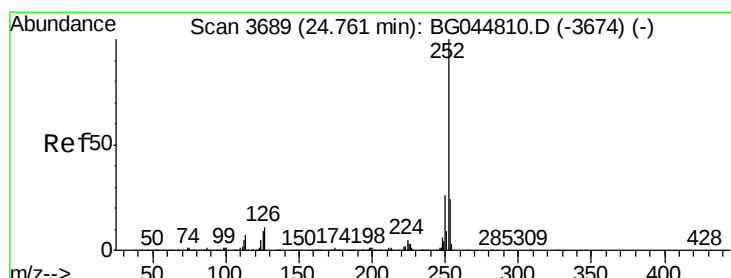
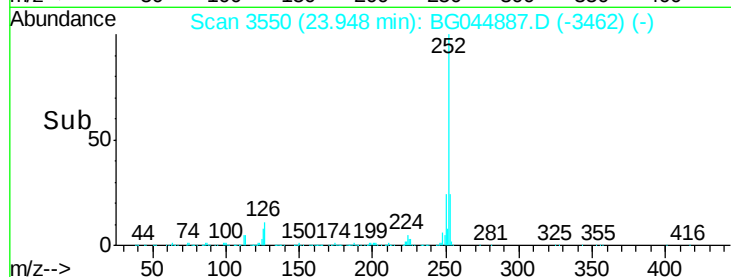
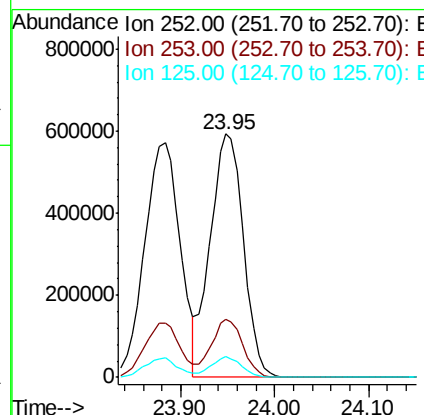
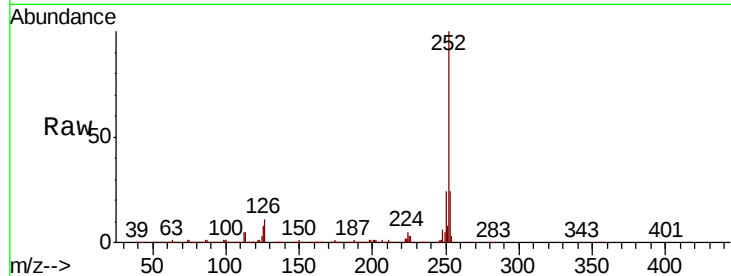
#89
Benzo(k)fluoranthene
Concen: 44.637 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	8.4	6.2	9.2

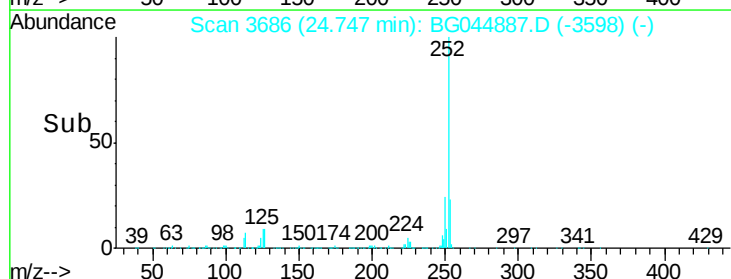
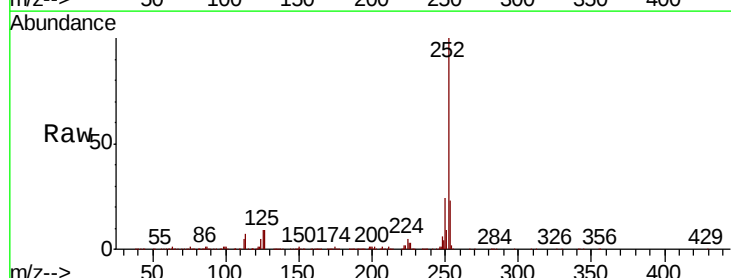
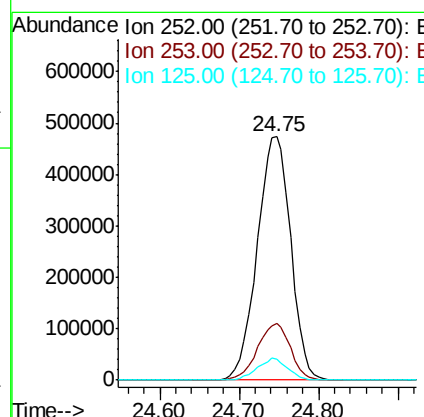
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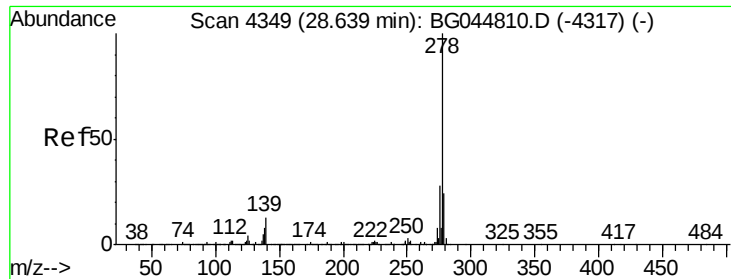
mohammad
3/19/2020 12:35:00 PM



#90
Benzo(a)pyrene
Concen: 42.906 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.0
125	8.7	7.2	10.8





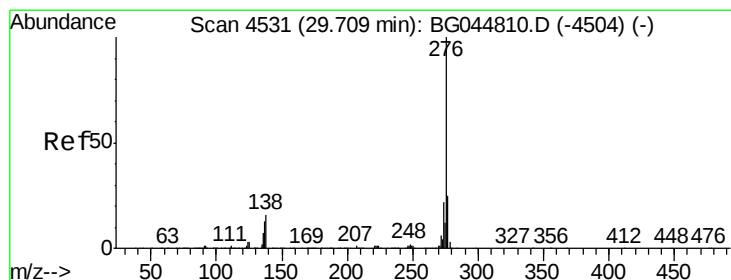
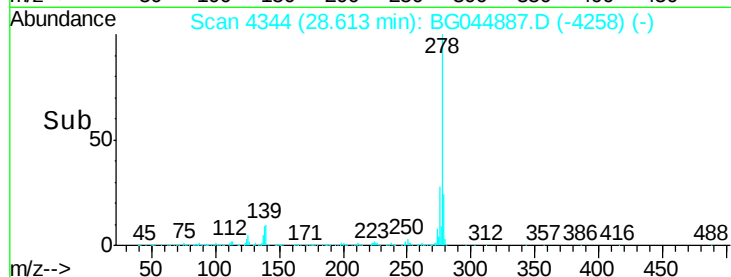
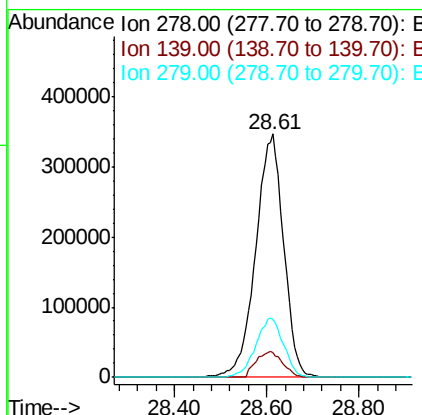
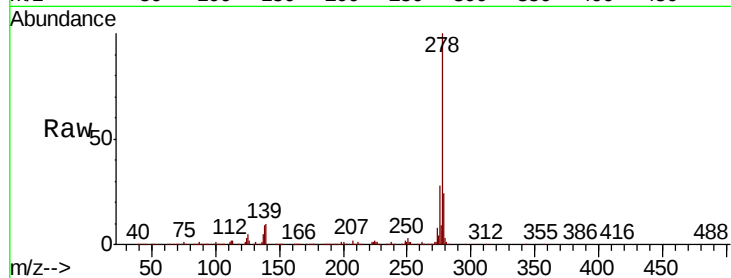
#91
Dibenzo(a,h)anthracene
Concen: 45.487 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Instrument :
BNA_G
ClientSampleId :
PB127567BS

Tot Ion:278 Resp: 1453513
Ion Ratio Lower Upper
278 100
139 10.0 10.2 15.2#
279 23.6 18.9 28.3

Manual Integrations
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3/19/2020 12:35:00 PM



#92
Benzo(g,h,i)perylene
Concen: 46.142 ng
RT: 29.68 min Scan# 4525
Delta R.T. -0.03 min
Lab File: BG044887.D
Acq: 19 Mar 2020 7:43

Tgt Ion:276 Resp: 1489669
Ion Ratio Lower Upper
276 100
277 24.9 20.1 30.1
138 14.4 13.0 19.6

