

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044512.D
 Acq On : 20 Feb 2020 7:12
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/20/2020 3:11:49 PM

Quant Time: Feb 20 08:40:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68802	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	281913	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	194150	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	431024	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	408242	20.00	ng	-0.01
87) Perylene-d12	24.60	264	449140	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	333796	85.62	ng	-0.01
7) Phenol-d6	7.06	99	449781	85.92	ng	-0.01
23) Nitrobenzene-d5	9.04	82	403660	80.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	202705	88.94	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	946796	81.66	ng	-0.01
79) Terphenyl-d14	19.89	244	1501168	75.63	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	69781	39.839	ng	98
3) Pyridine	3.74	79	204653	43.855	ng	97
4) n-Nitrosodimethylamine	3.66	42	78016	40.008	ng	100
6) Aniline	7.21	93	268993	41.396	ng	99
8) 2-Chlorophenol	7.46	128	180760	42.189	ng	99
9) Benzaldehyde	7.02	77	117778	39.502	ng	97
10) Phenol	7.09	94	222796	43.003	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	172669	38.983	ng	98
12) 1,3-Dichlorobenzene	7.78	146	215977	42.219	ng	98
13) 1,4-Dichlorobenzene	7.92	146	216249	42.681	ng	100
14) 1,2-Dichlorobenzene	8.25	146	203411	42.475	ng	99
15) Benzyl Alcohol	8.13	79	154409	41.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	240012	40.035	ng	99
17) 2-Methylphenol	8.34	107	154354	41.757	ng	99
18) Hexachloroethane	8.97	117	80224	42.195	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	134267	38.484	ng	98
20) 3+4-Methylphenols	8.67	107	213179	41.846	ng	99
22) Acetophenone	8.71	105	270961	39.510	ng	100
24) Nitrobenzene	9.09	77	197206	40.453	ng	98
25) Isophorone	9.61	82	362046	38.900	ng	100
26) 2-Nitrophenol	9.80	139	110601	43.724	ng	99
27) 2,4-Dimethylphenol	9.87	122	147437	41.291	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	238965	38.488	ng	99
29) 2,4-Dichlorophenol	10.34	162	188371	43.629	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	210676	42.555	ng	97
31) Naphthalene	10.74	128	576042	42.116	ng	99
32) Benzoic acid	10.01	122	25525m	21.819	ng	
33) 4-Chloroaniline	10.85	127	260167	41.823	ng	99
34) Hexachlorobutadiene	11.04	225	125925	41.337	ng	98
35) Caprolactam	11.62	113	74526	47.121	ng	99
36) 4-Chloro-3-methylphenol	11.99	107	202019	44.628	ng	99
37) 2-Methylnaphthalene	12.35	142	433107	42.649	ng	99
38) 1-Methylnaphthalene	12.57	142	410297	42.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	238191	41.013	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	45281	16.249	ng	96
43) 2,4,6-Trichlorophenol	12.96	196	161876	43.122	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	169579	44.227	ng	98
46) 1,1'-Biphenyl	13.36	154	567817	40.546	ng	99
47) 2-Chloronaphthalene	13.40	162	461502	41.413	ng	99
48) 2-Nitroaniline	13.60	65	137721	41.876	ng	99
49) Acenaphthylene	14.25	152	693910	42.454	ng	99
50) Dimethylphthalate	13.99	163	557082	39.917	ng	99
51) 2,6-Dinitrotoluene	14.10	165	129043	41.470	ng	97
52) Acenaphthene	14.60	154	441356	41.659	ng	100
53) 3-Nitroaniline	14.43	138	147691	42.900	ng	98
54) 2,4-Dinitrophenol	14.65	184	24541	19.666	ng	96
55) Dibenzofuran	14.93	168	684309	42.662	ng	97
56) 4-Nitrophenol	14.76	139	103800	41.162	ng	95
57) 2,4-Dinitrotoluene	14.90	165	186457	42.752	ng	96
58) Fluorene	15.58	166	546905	43.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	149060	43.039	ng	98
60) Diethylphthalate	15.35	149	570773	41.045	ng	100
61) 4-Chlorophenyl-phenylether	15.57	204	288787	42.157	ng	98
62) 4-Nitroaniline	15.60	138	150509	43.752	ng	98
63) Azobenzene	15.87	77	513800	42.157	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	60272	25.332	ng	99
66) n-Nitrosodiphenylamine	15.79	169	500837	41.463	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	194230	41.361	ng	98
68) Hexachlorobenzene	16.59	284	220397	41.892	ng	98
69) Atrazine	16.74	200	158280	38.230	ng	99
70) Pentachlorophenol	16.94	266	86531	34.390	ng	99
71) Phenanthrene	17.32	178	894259	42.846	ng	99
72) Anthracene	17.41	178	880371	42.664	ng	98
73) Carbazole	17.68	167	818111	43.006	ng	99
74) Di-n-butylphthalate	18.24	149	1014268	43.146	ng	99
75) Fluoranthene	19.33	202	1041579	43.139	ng	100
77) Benzidine	19.51	184	543305	47.980	ng	98
78) Pyrene	19.69	202	1052404	40.141	ng	98
80) Butylbenzylphthalate	20.58	149	481451	40.297	ng	98
81) Benzo(a)anthracene	21.50	228	1017000	40.421	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	383746	39.298	ng	99
83) Chrysene	21.57	228	979522	40.277	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	652559	39.682	ng	99
85) Di-n-octyl phthalate	22.58	149	1152568	40.507	ng	100
86) Indeno(1,2,3-cd)pyrene	28.10	276	1270035	40.028	ng	99
88) Benzo(b)fluoranthene	23.63	252	1075627	41.560	ng	99
89) Benzo(k)fluoranthene	23.70	252	1039490	41.209	ng	99
90) Benzo(a)pyrene	24.46	252	1026361	41.943	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1050675	43.385	ng	100
92) Benzo(g,h,i)perylene	29.19	276	987262	40.723	ng	100

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

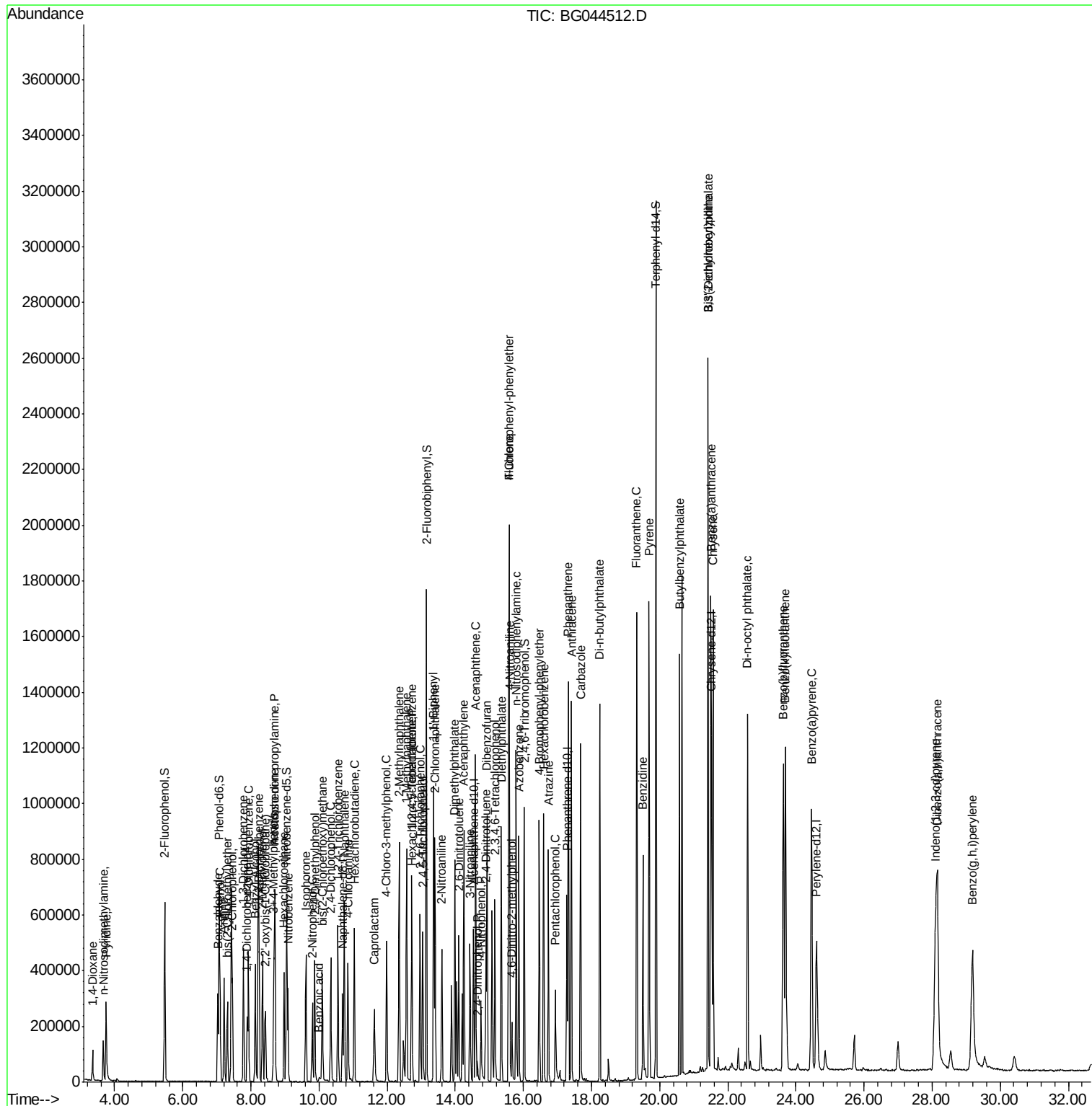
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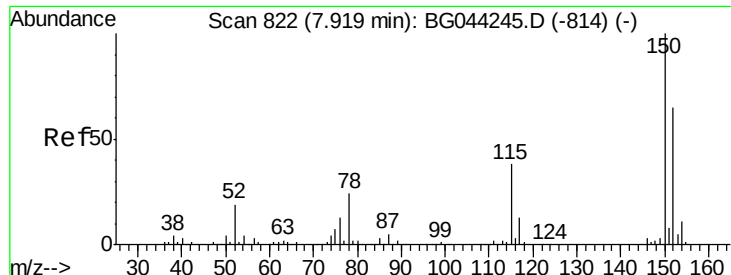
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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#1

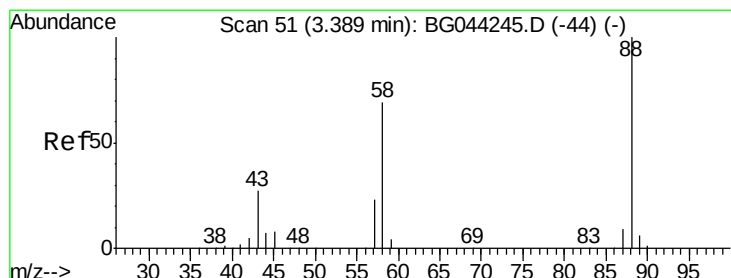
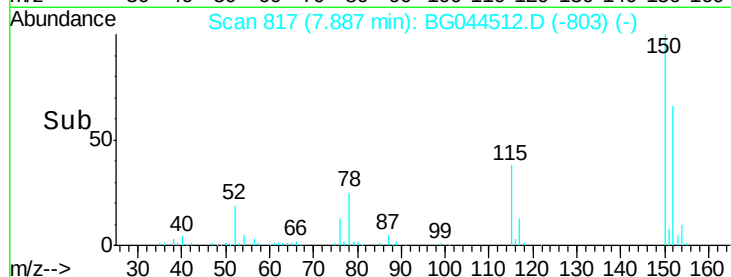
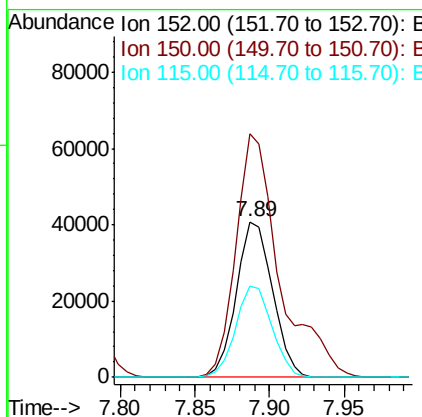
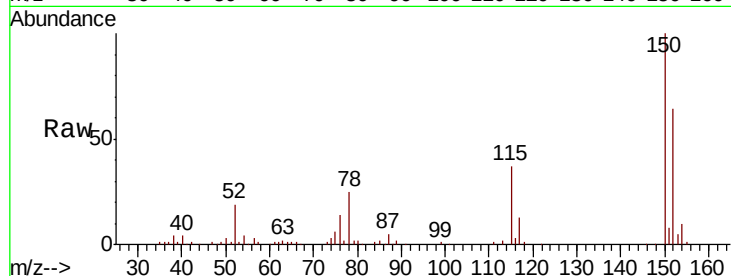
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.6	183.8
115	58.3	46.0	69.0

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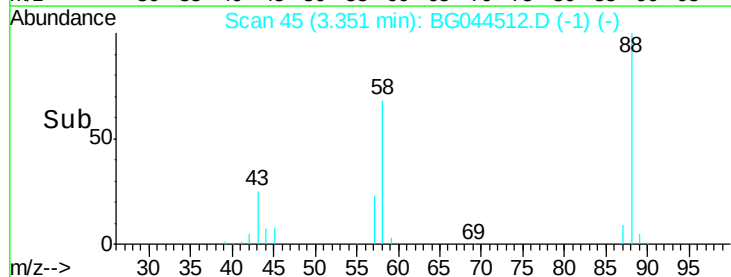
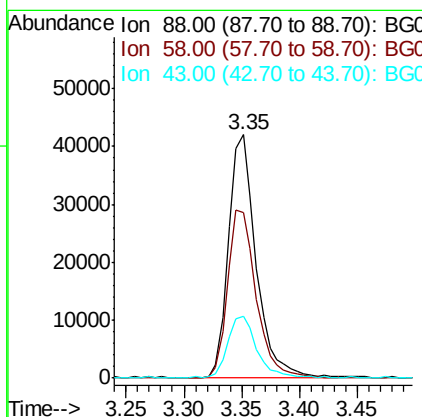
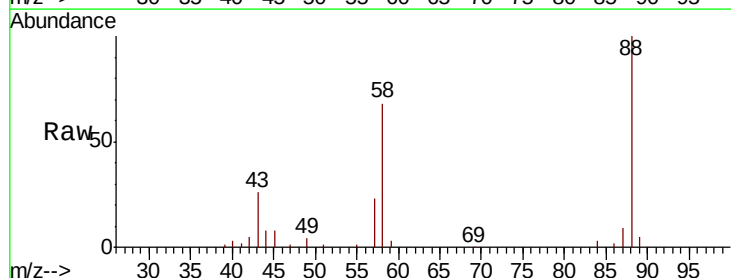
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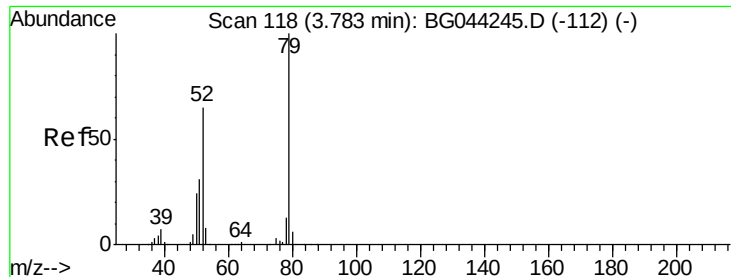


#2

1,4-Dioxane
Concen: 39.839 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	55.8	83.6
43	27.1	21.6	32.4





#3

Pvridine

Concen: 43.855 ng

RT: 3.74 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

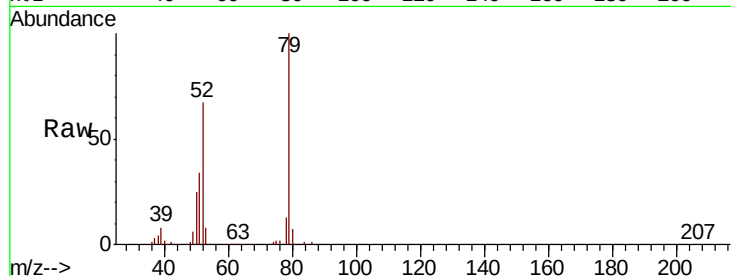
ClientSampled :

SSTDCCC040

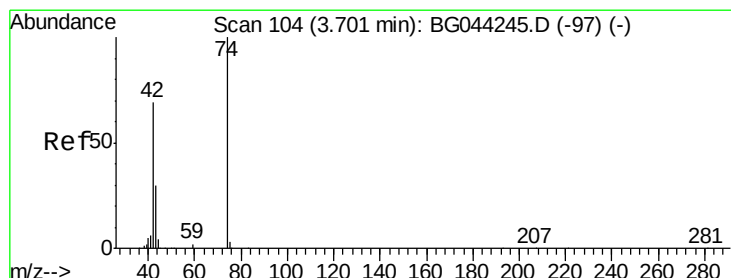
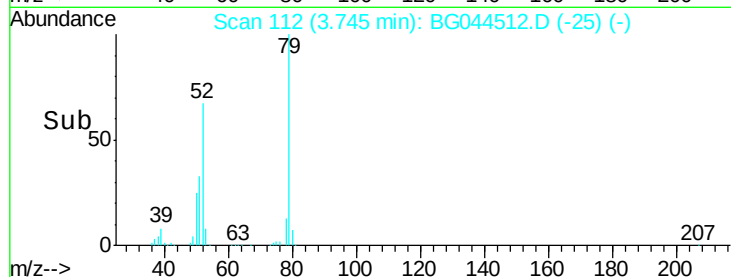
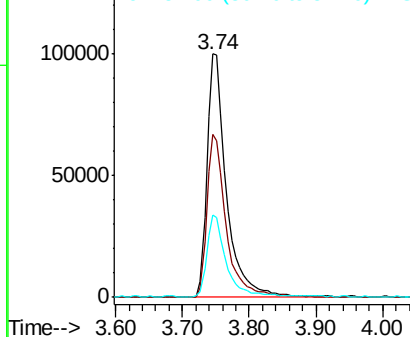
Tot Ion:	79	Resp:	204653
Ion	Ratio	Lower	Upper
79	100		
52	66.9	51.9	77.9
51	33.7	25.3	37.9

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.008 ng

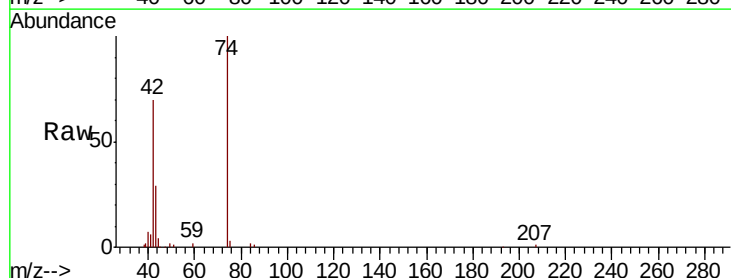
RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

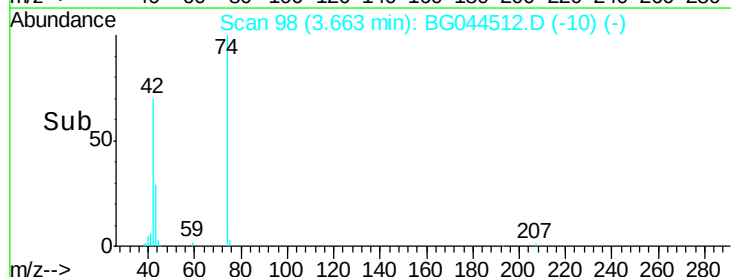
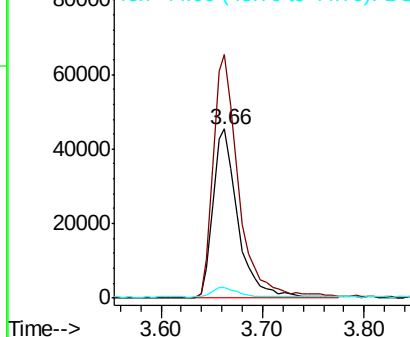
Lab File: BG044512.D

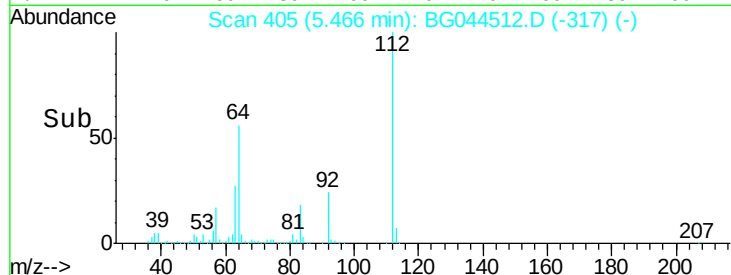
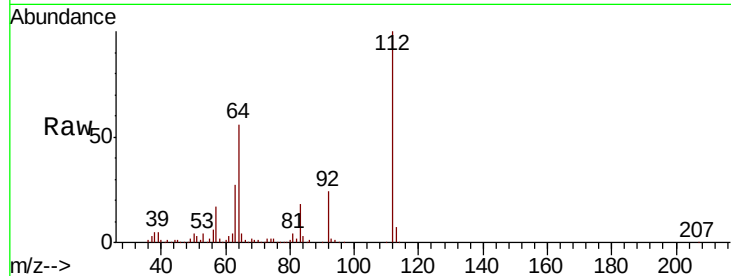
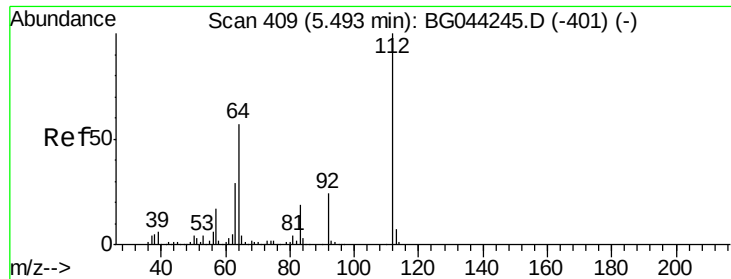
Acq: 20 Feb 2020 7:12

Tgt Ion:	42	Resp:	78016
Ion	Ratio	Lower	Upper
42	100		
74	143.8	115.1	172.7
44	6.1	5.6	8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 85.622 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tot Ion:	112	Resp:	333796
Ion Ratio	Lower	Upper	
112	100		
64	55.9	45.4	68.2
63	27.0	22.9	34.3

Instrument :

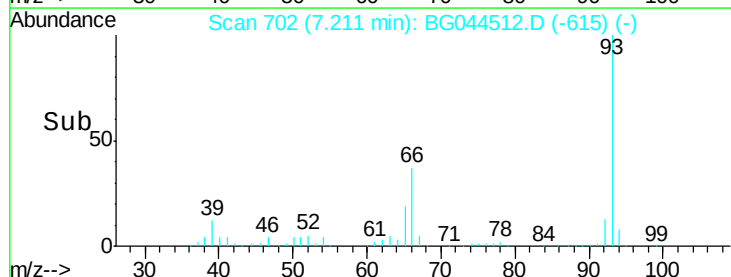
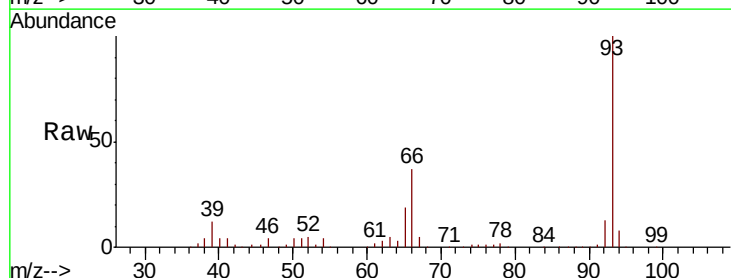
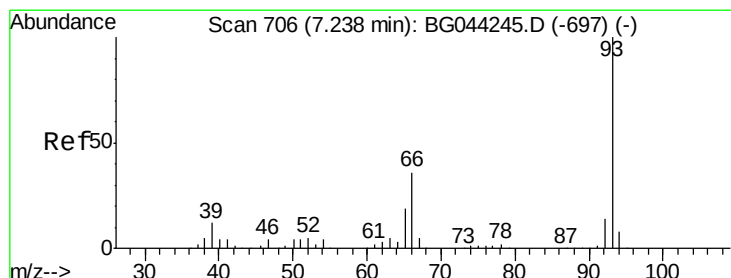
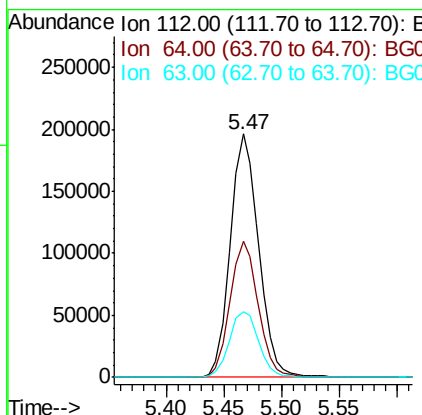
BNA_G

ClientSampled :

SSTDCCC040

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#6

Aniline

Concen: 41.396 ng

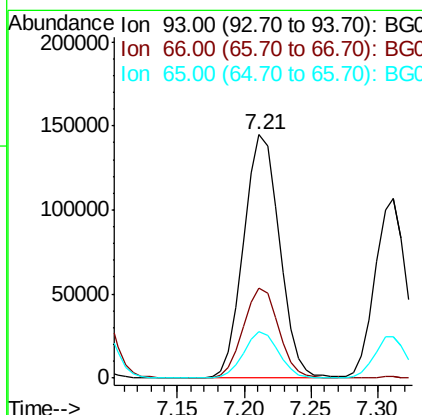
RT: 7.21 min Scan# 702

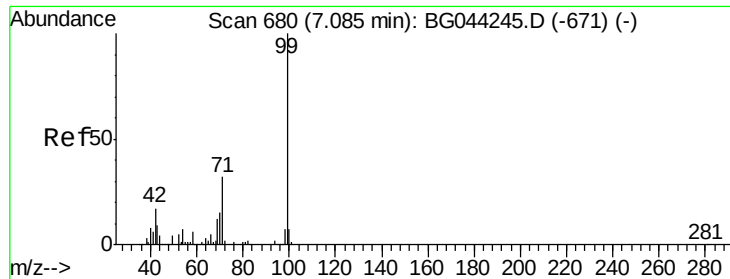
Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:	93	Resp:	268993
Ion Ratio	Lower	Upper	
93	100		
66	37.0	28.7	43.1
65	18.9	15.4	23.0





#7

Phenol-d6

Concen: 85.917 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

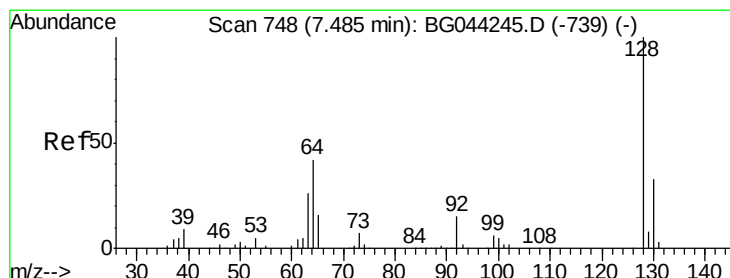
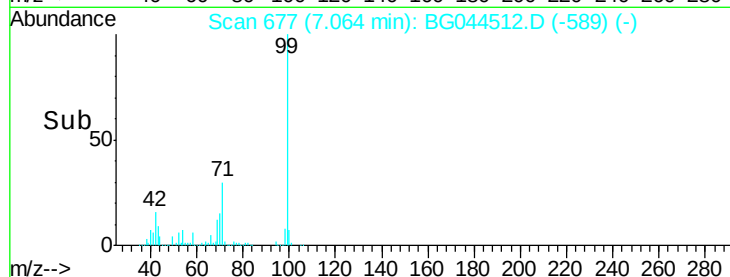
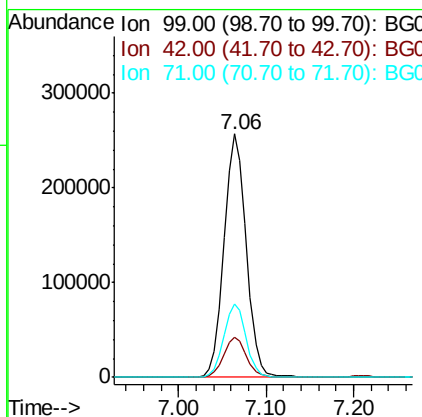
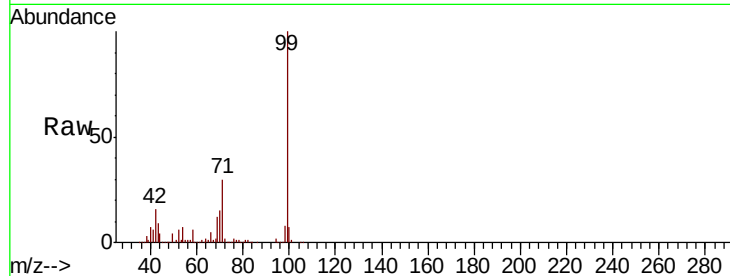
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		449781		
42	16.3	13.8	20.6		
71	30.4	25.5	38.3		

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#8

2-Chlorophenol

Concen: 42.189 ng

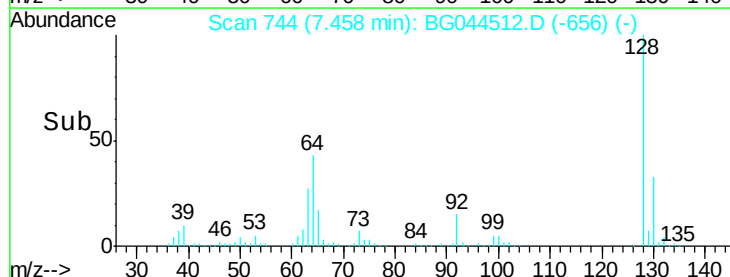
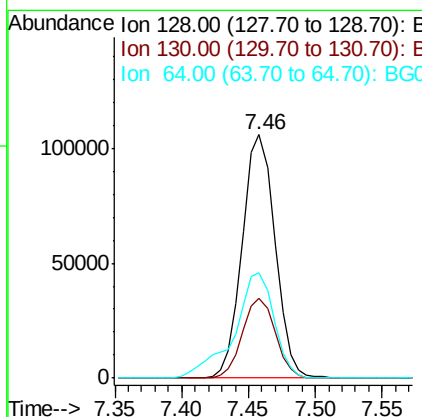
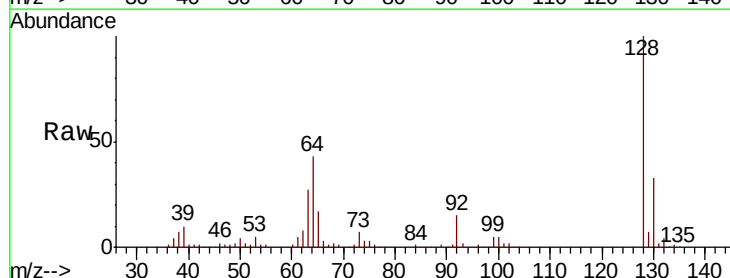
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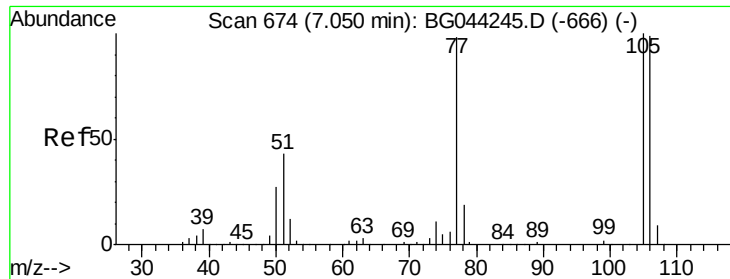
Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		180760		
130	32.7	12.5	52.5		
64	43.3	24.2	64.2		





#9

Benzaldehyde

Concen: 39.502 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 117778

Ion Ratio Lower Upper

77 100

105 105.9 82.0 122.0

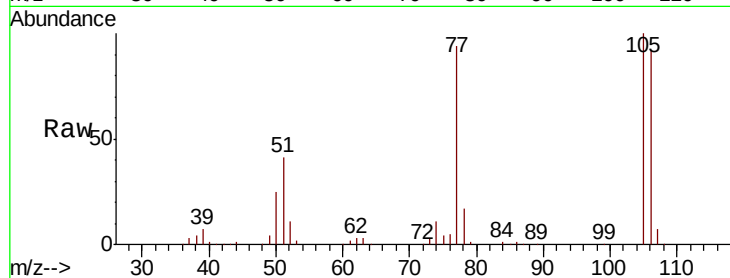
106 97.9 80.7 120.7

Manual Integrations

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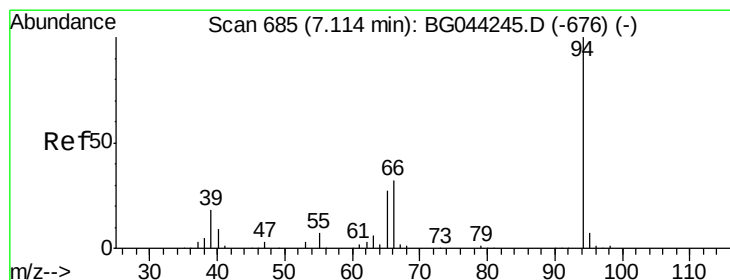
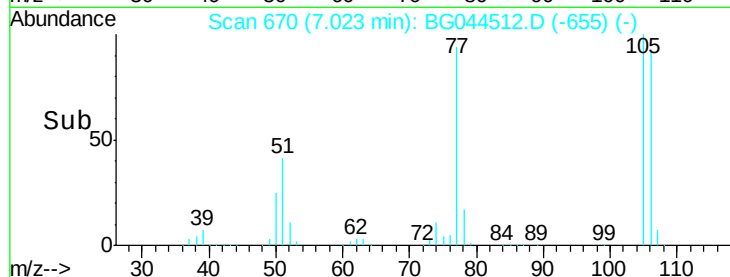
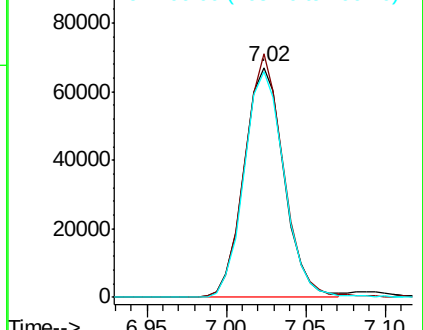
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.003 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

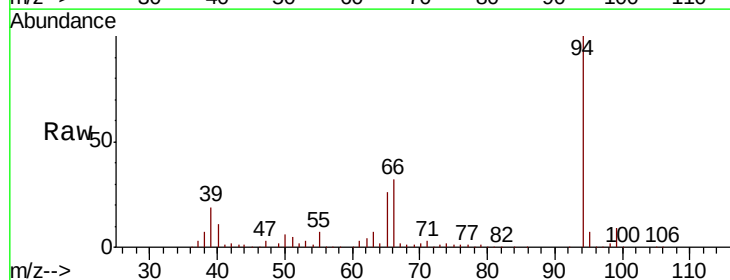
Tgt Ion: 94 Resp: 222796

Ion Ratio Lower Upper

94 100

65 25.6 7.0 47.0

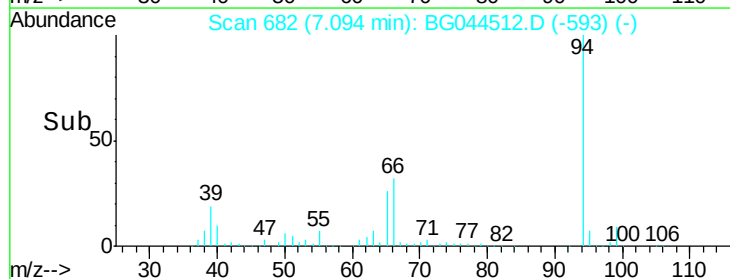
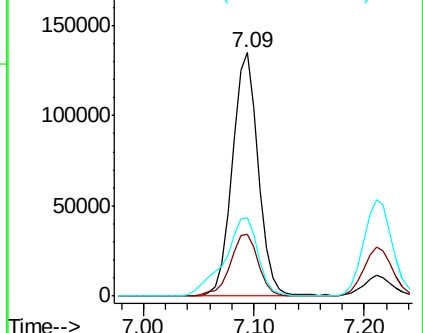
66 32.4 12.7 52.7

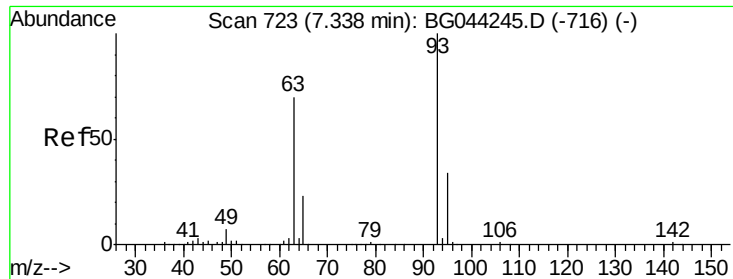


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





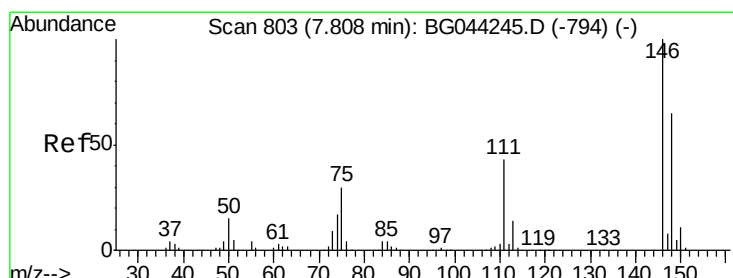
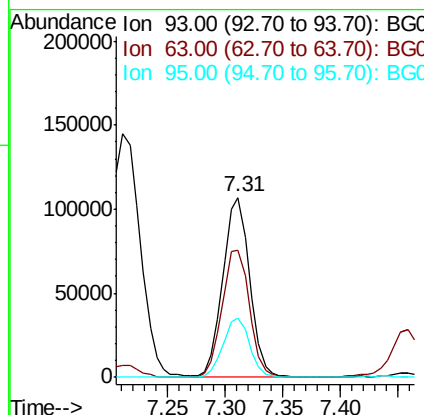
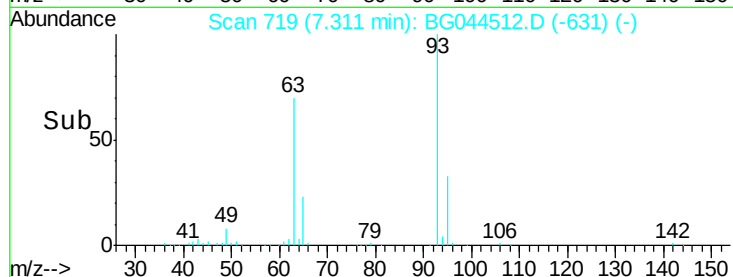
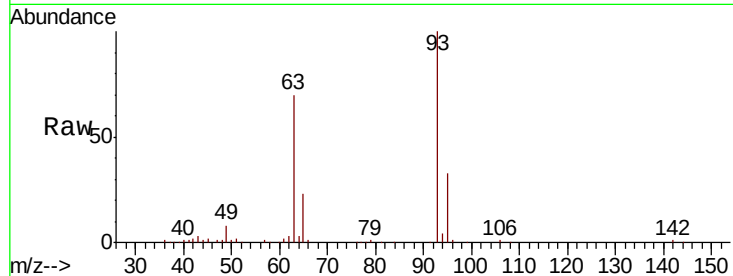
#11
bis(2-Chloroethyl)ether
Concen: 38.983 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	172669
Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.2	89.2
95	32.8	13.6	53.6

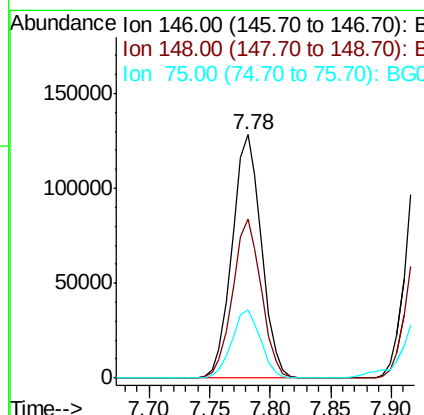
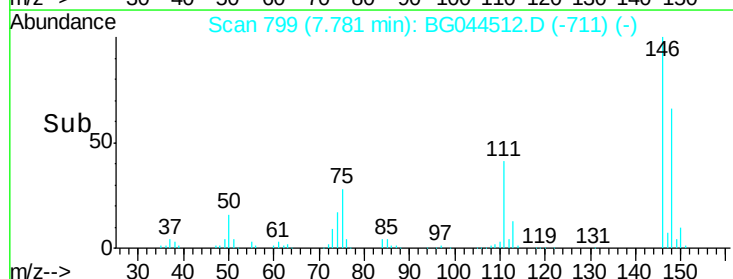
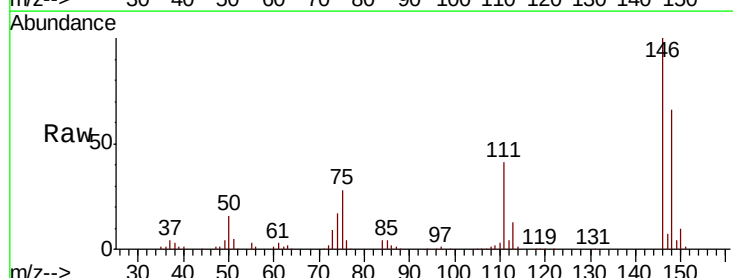
Manual Integrations
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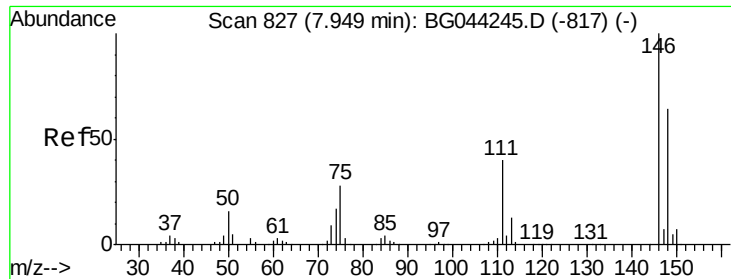
mohammad
2/20/2020 3:11:49 PM



#12
1,3-Dichlorobenzene
Concen: 42.219 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:	146	Resp:	215977
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	27.8	23.7	35.5





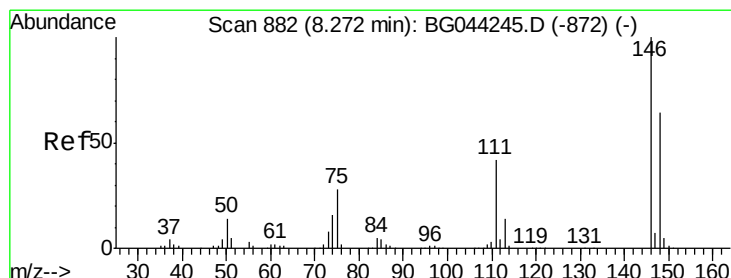
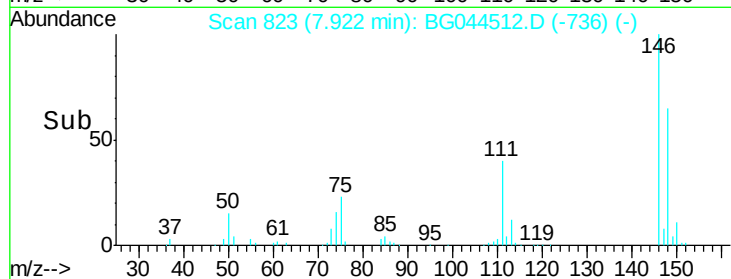
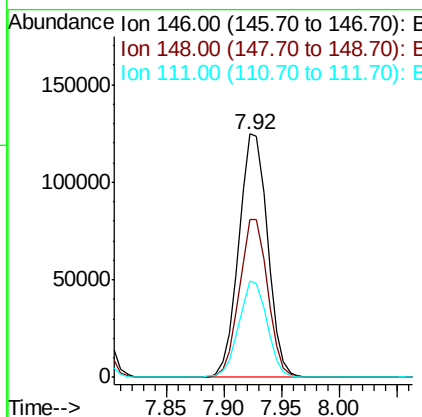
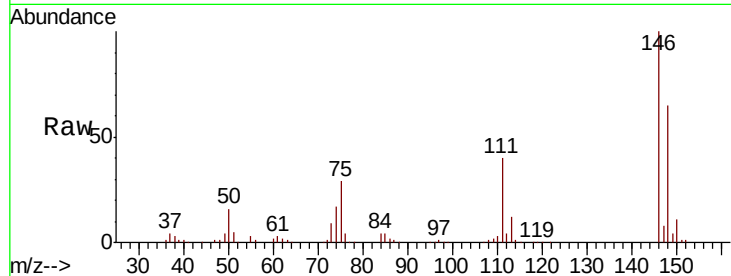
#13
 1,4-Dichlorobenzene
 Concen: 42.681 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
111	39.8	31.8	47.8

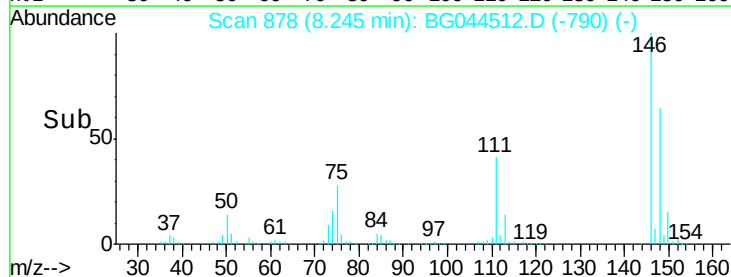
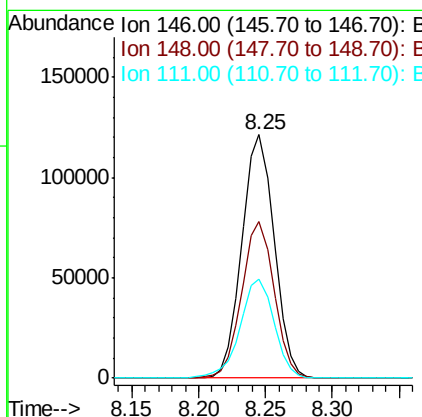
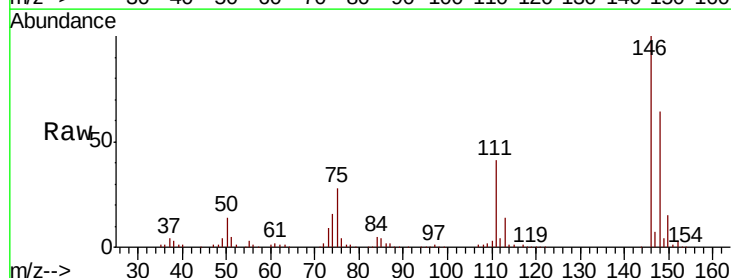
Manual Integrations
 APPROVED

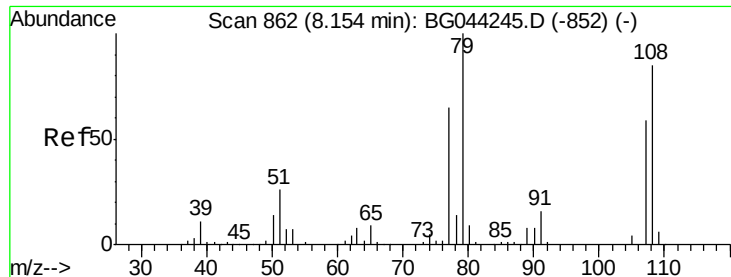
mohammad
 2/20/2020 3:11:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.475 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	40.7	34.0	51.0





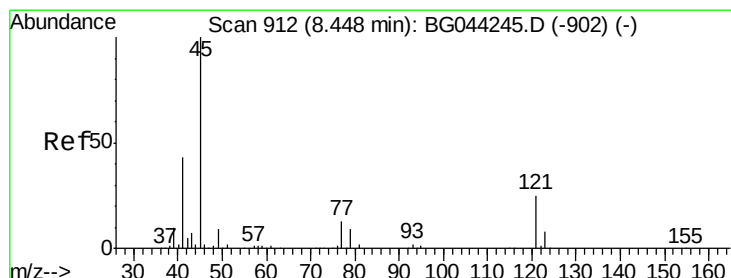
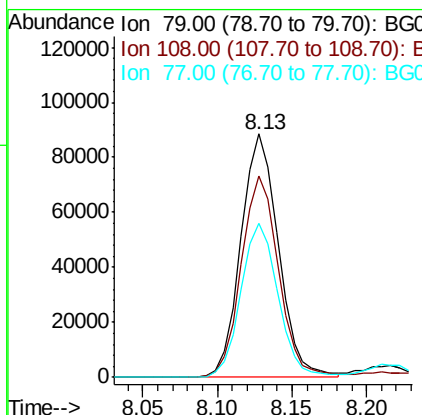
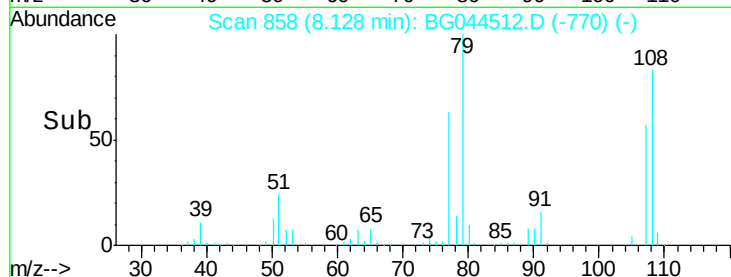
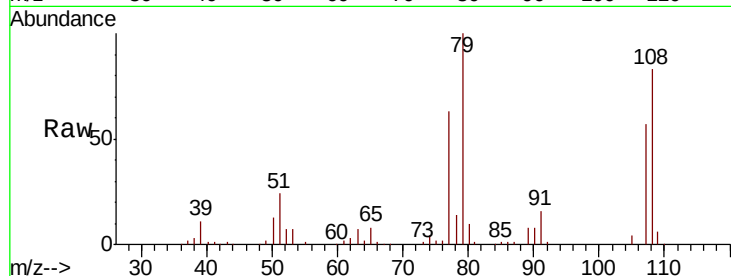
#15
Benzyl Alcohol
Concen: 41.661 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	68.3	102.5
77	63.1	51.8	77.8

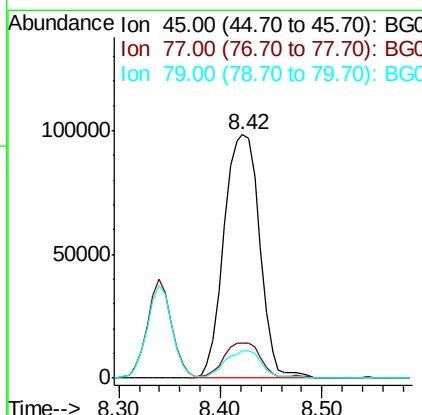
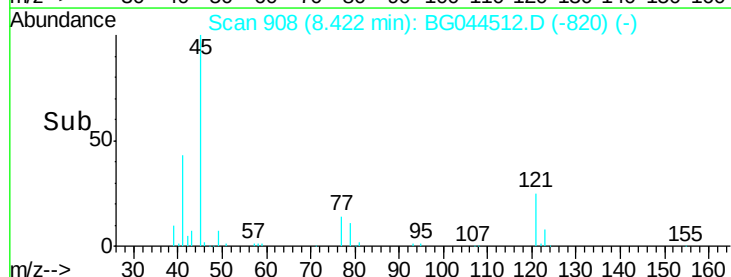
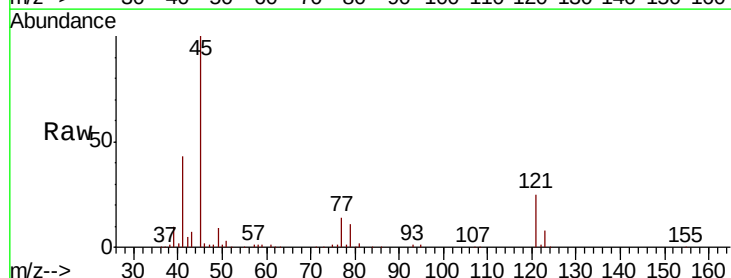
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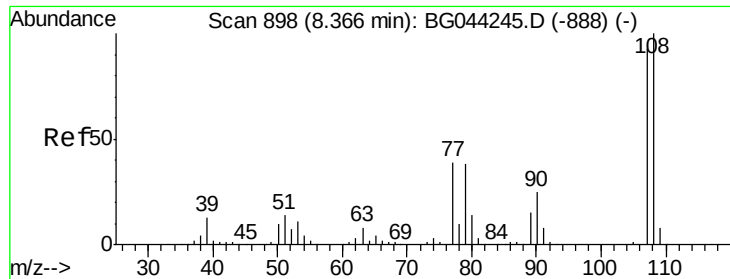
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.035 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.2
79	11.4	0.0	31.1





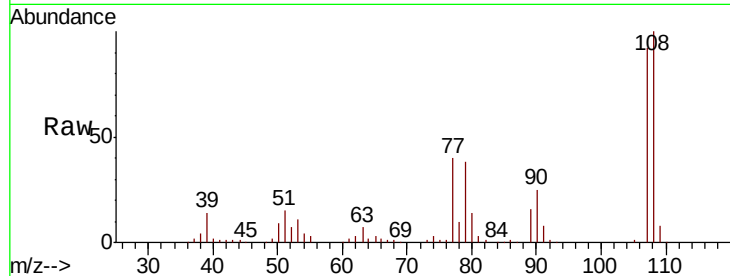
#17
2-Methylphenol
Concen: 41.757 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	86.4	129.6	
77	43.7	34.0	51.0	
79	41.1	32.9	49.3	

Manual Integrations
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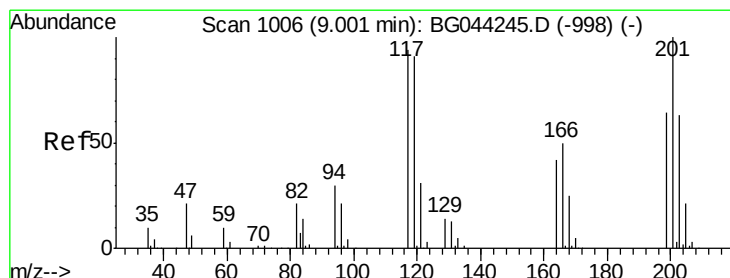
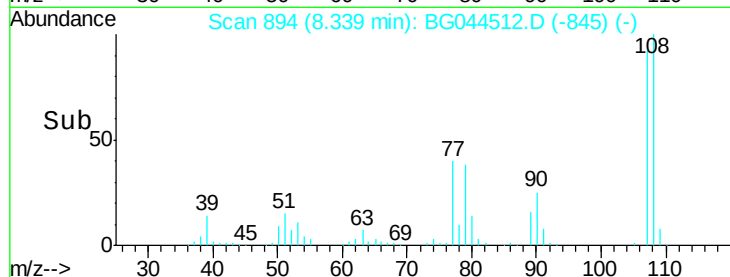
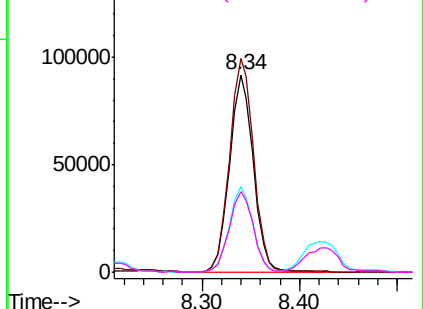
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

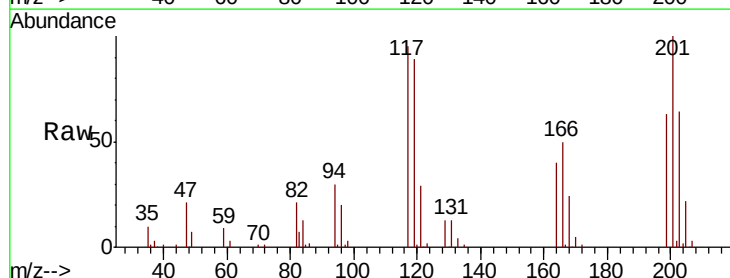
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.195 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.5	116.3	
201	105.6	84.9	127.3	

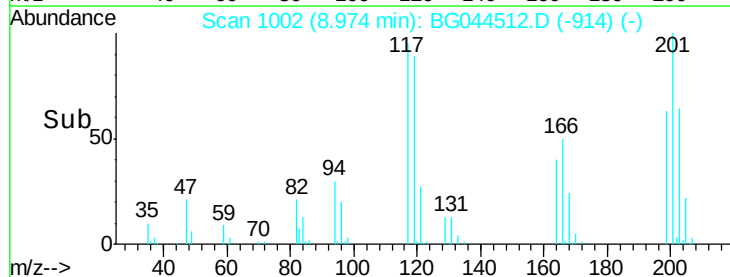
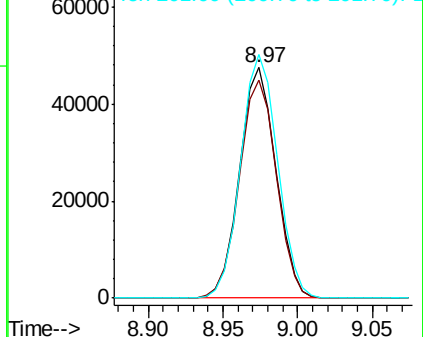


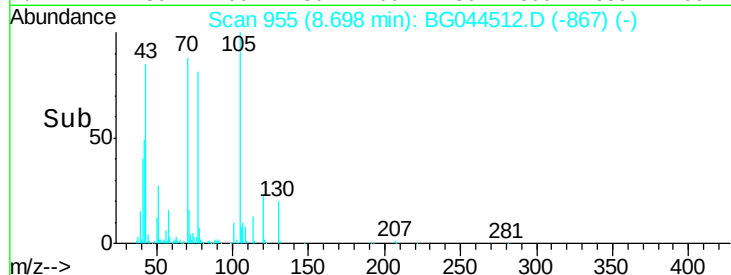
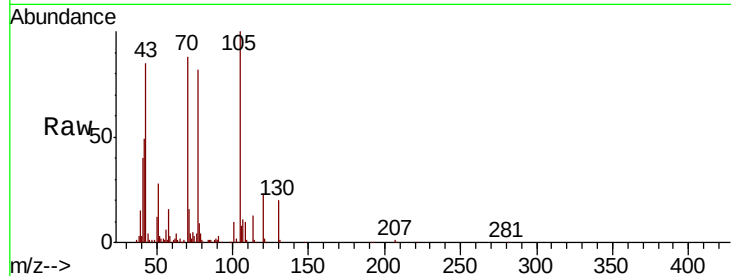
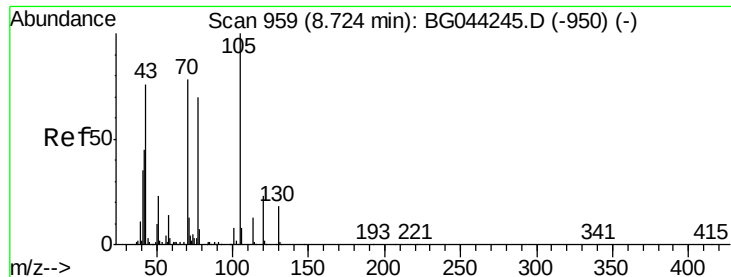
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





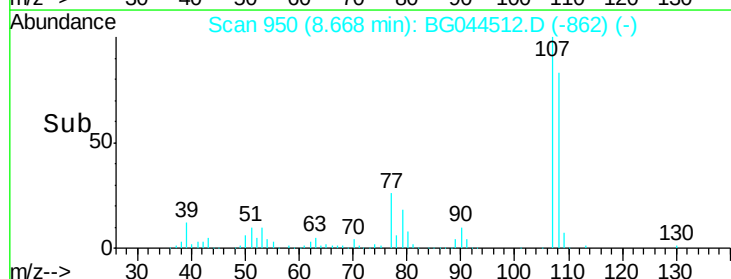
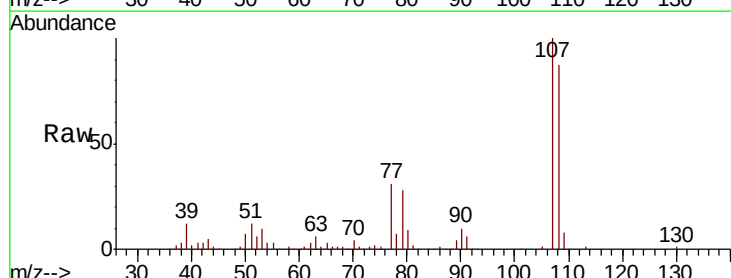
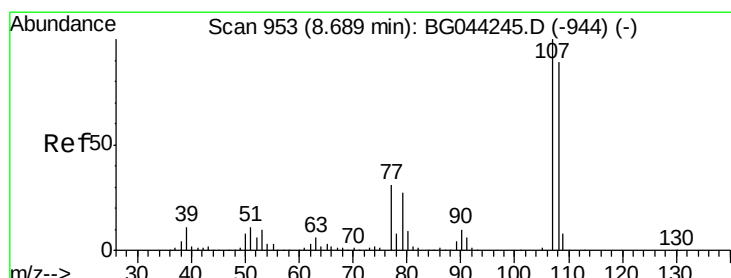
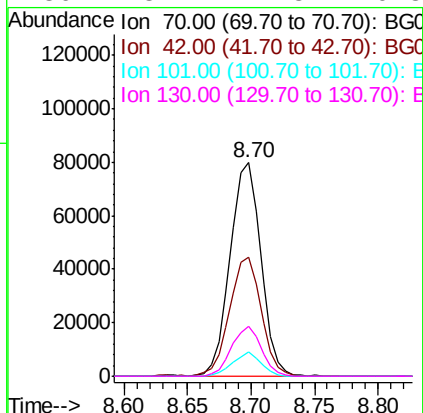
#19
n-Nitroso-di-n-propylamine
Concen: 38.484 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	46.2	69.2	
101	11.6	8.4	12.6	
130	23.1	17.8	26.8	

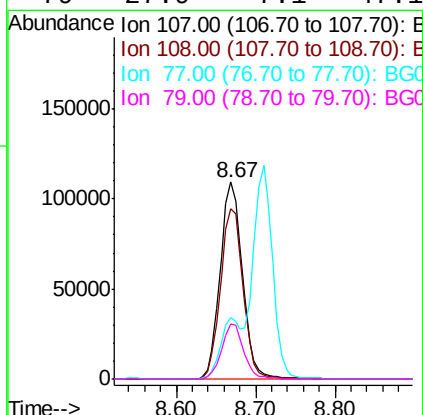
Manual Integrations
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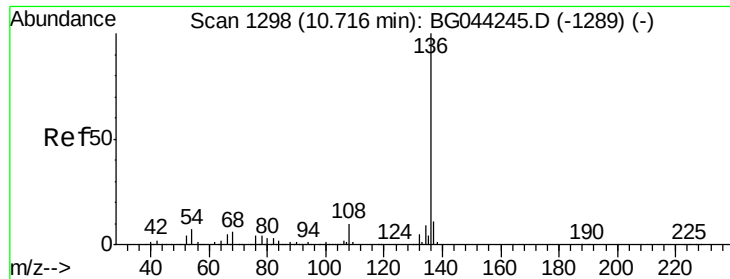
mohammad
2/20/2020 3:11:49 PM



#20
3+4-Methylphenols
Concen: 41.846 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	68.5	108.5	
77	31.1	10.9	50.9	
79	27.9	7.1	47.1	





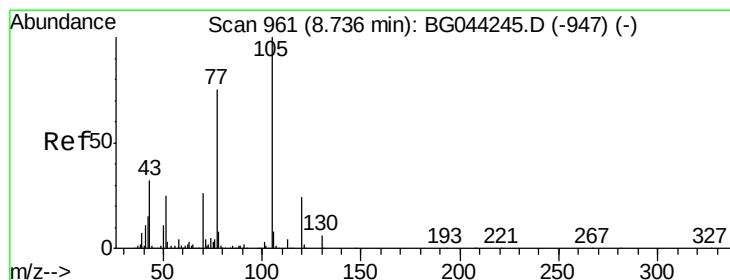
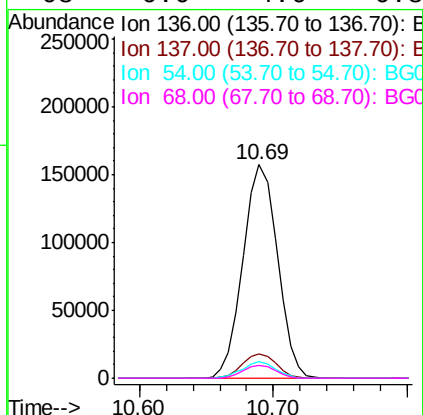
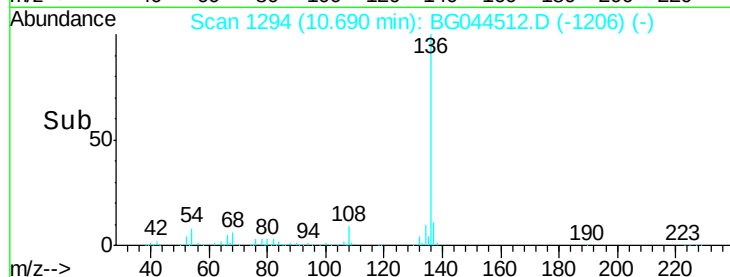
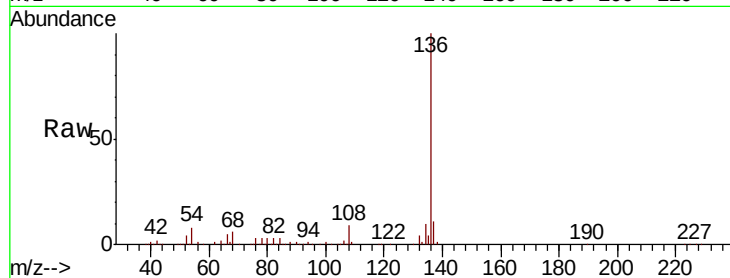
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281913		
137	11.3		8.8	13.2
54	7.8		5.8	8.8
68	6.0		4.6	6.8

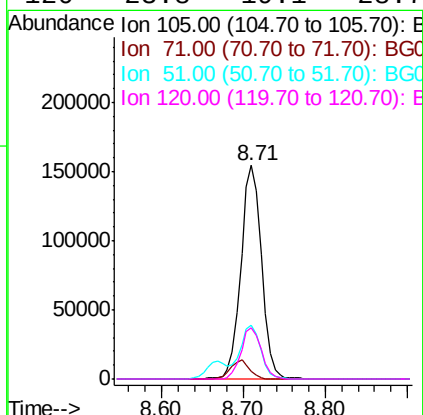
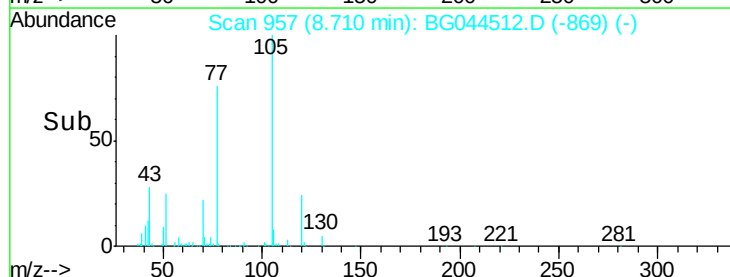
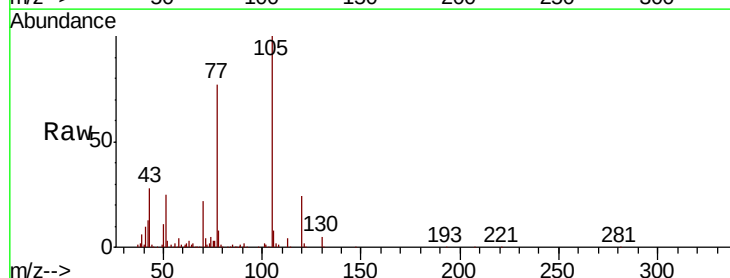
Manual Integrations
APPROVED

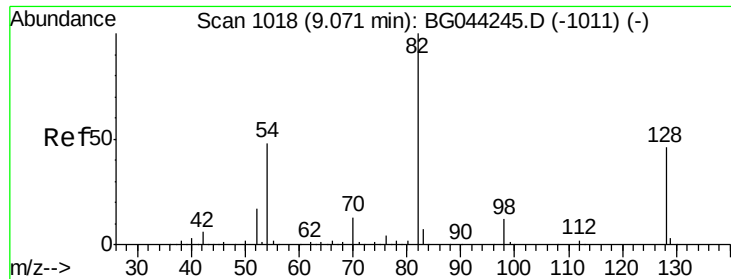
mohammad
2/20/2020 3:11:49 PM



#22
Acetophenone
Concen: 39.510 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270961		
71	3.6		3.4	5.0
51	25.1		20.2	30.4
120	23.8		19.1	28.7





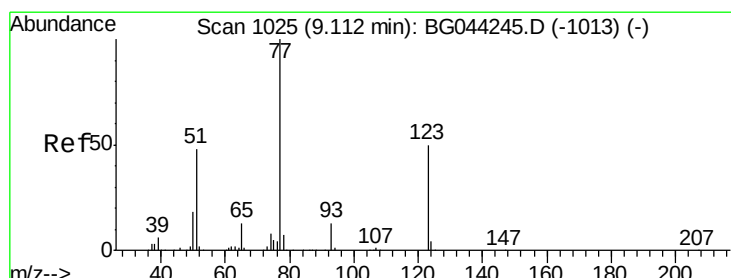
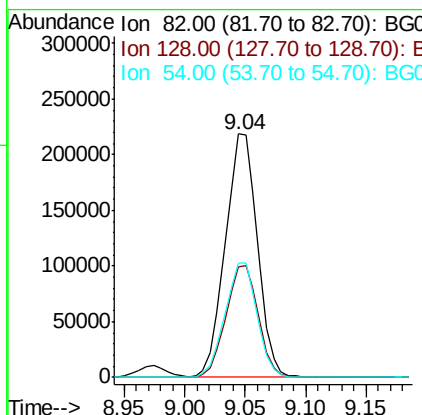
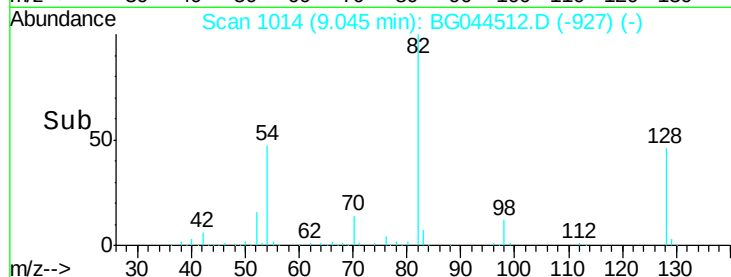
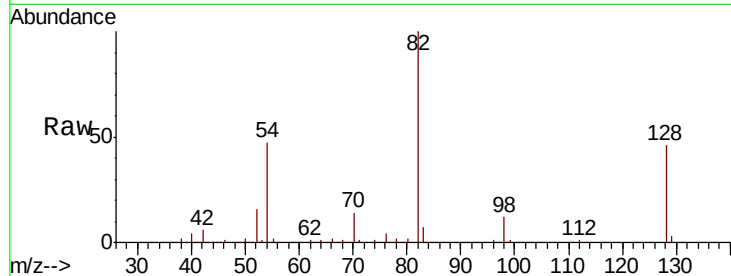
#23
Nitrobenzene-d5
Concen: 80.838 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	403660		
128	45.6	36.5	54.7	
54	47.2	38.6	58.0	

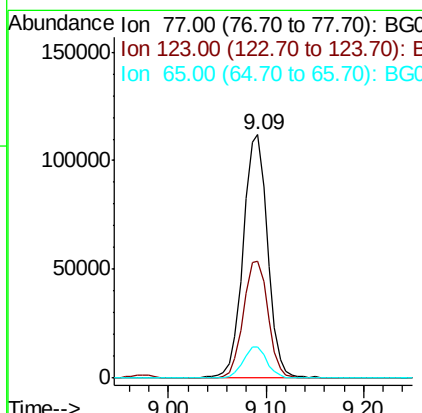
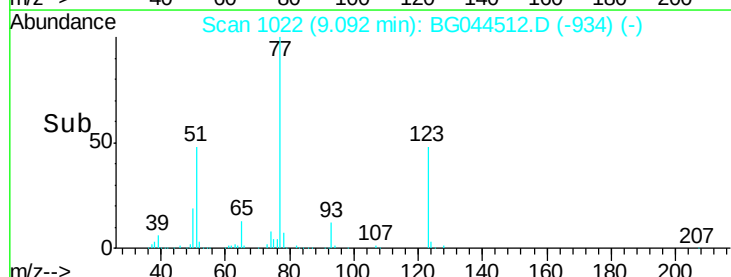
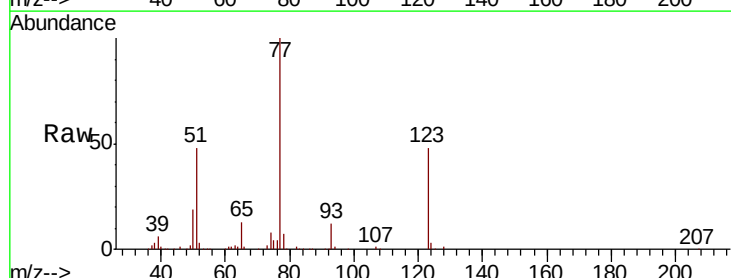
Manual Integrations
APPROVED

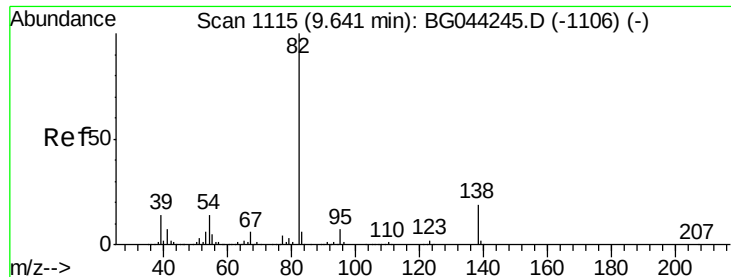
mohammad
2/20/2020 3:11:49 PM



#24
Nitrobenzene
Concen: 40.453 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	197206		
123	48.2	39.9	59.9	
65	12.6	10.4	15.6	





#25

Isophorone

Concen: 38.900 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

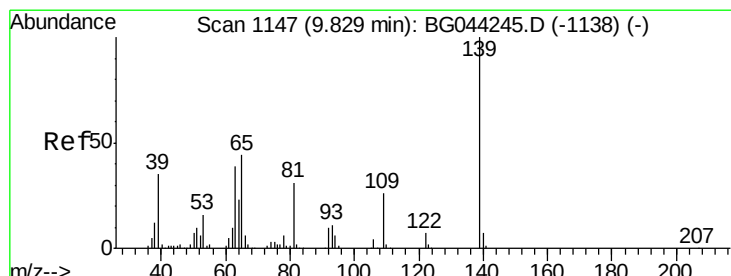
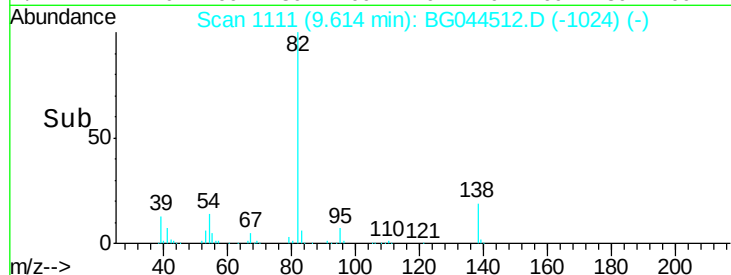
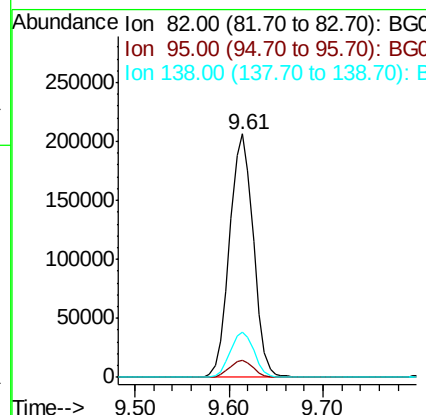
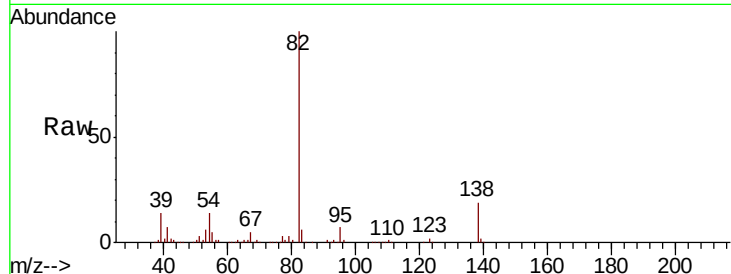
ClientSampled :

SSTDCCC040

Tot Ion:	82	Resp:	362046
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.8	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.724 ng

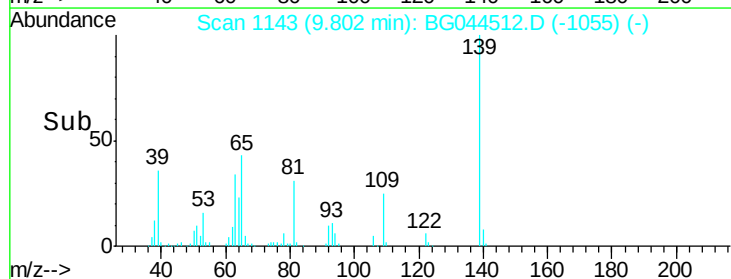
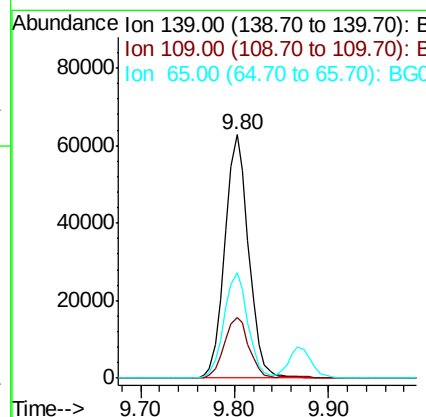
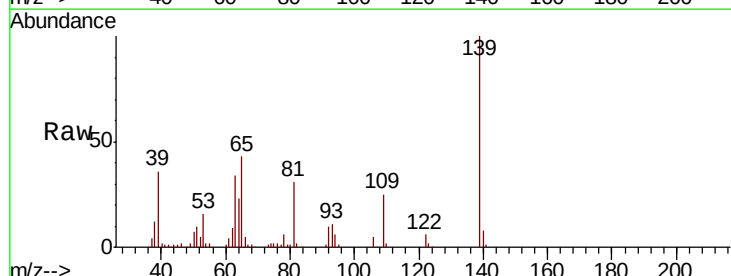
RT: 9.80 min Scan# 1143

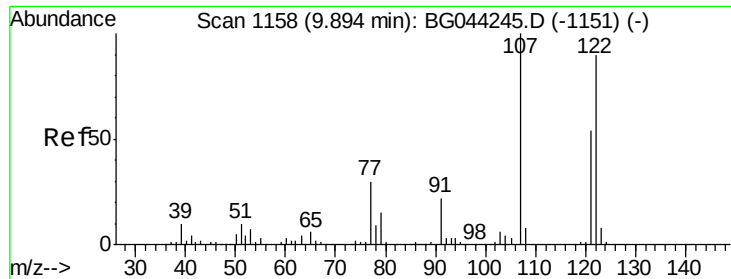
Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:	139	Resp:	110601
Ion Ratio	Lower	Upper	
139	100		
109	25.1	21.0	31.4
65	43.1	35.0	52.4





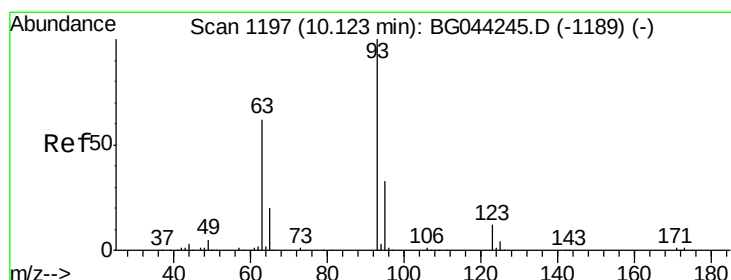
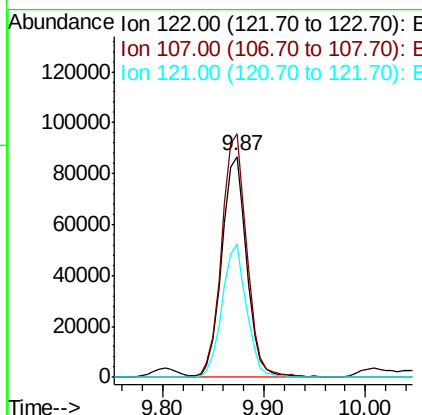
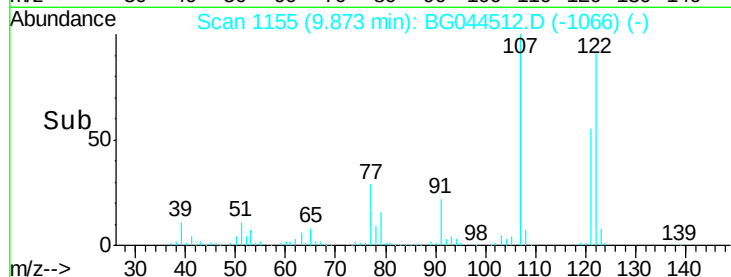
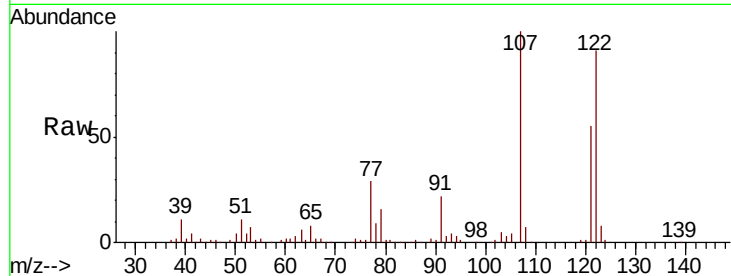
#27
 2,4-Dimethylphenol
 Concen: 41.291 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.8	133.2
121	60.3	48.3	72.5

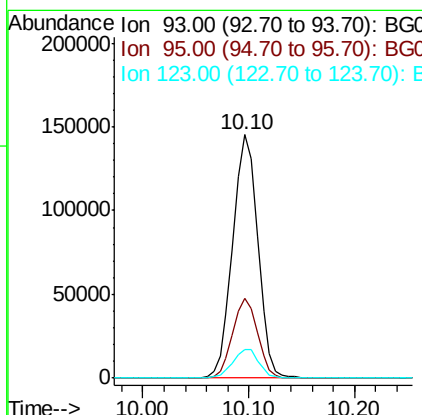
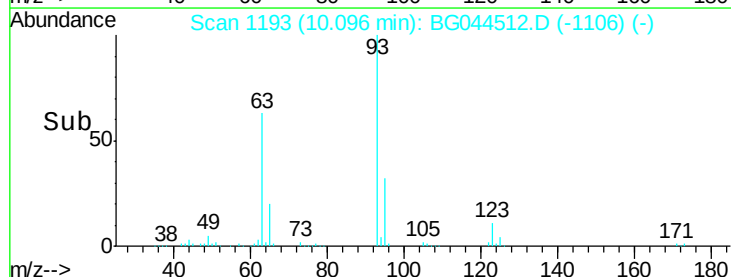
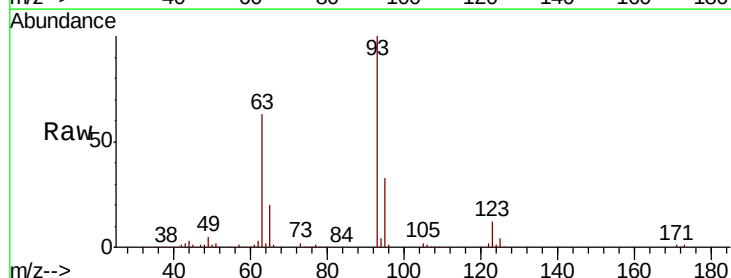
Manual Integrations
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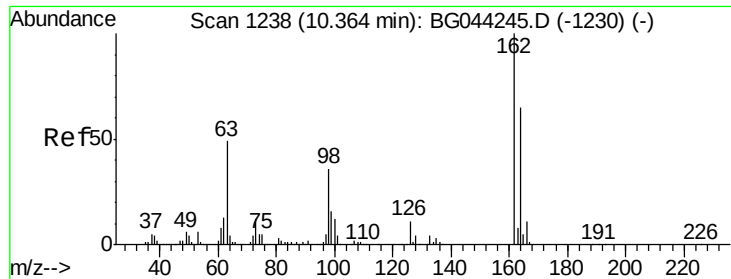
mohammad
 2/20/2020 3:11:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.488 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	11.6	10.0	15.0





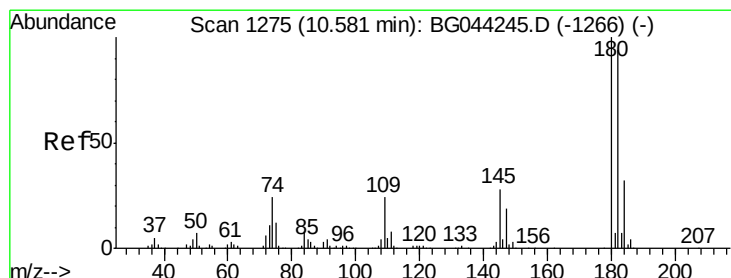
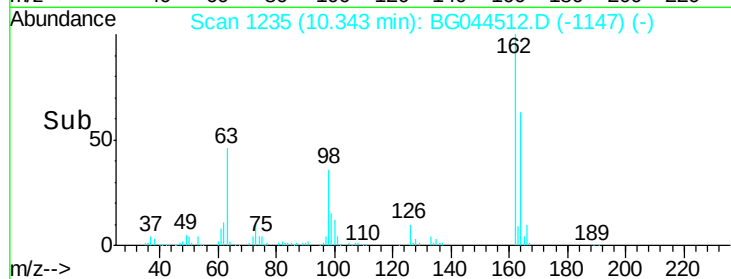
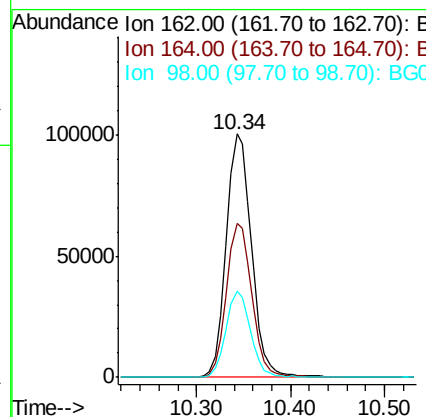
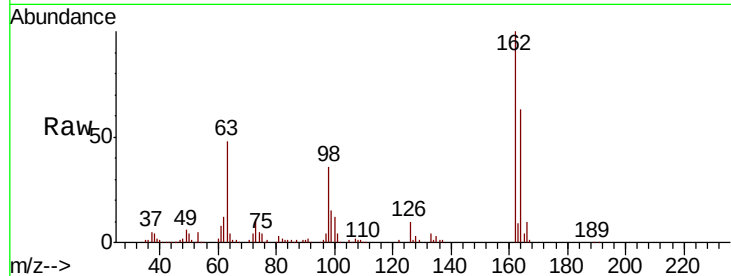
#29
 2,4-Dichlorophenol
 Concen: 43.629 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		188371		
164	63.4	44.7	84.7		
98	35.6	15.8	55.8		

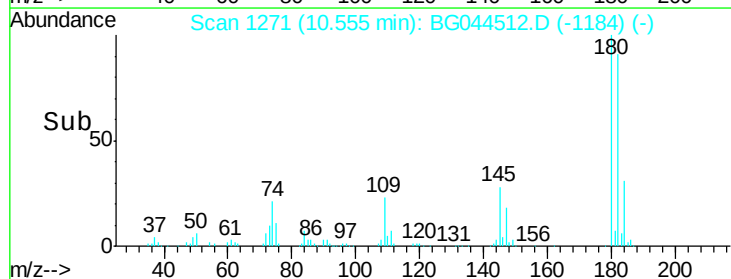
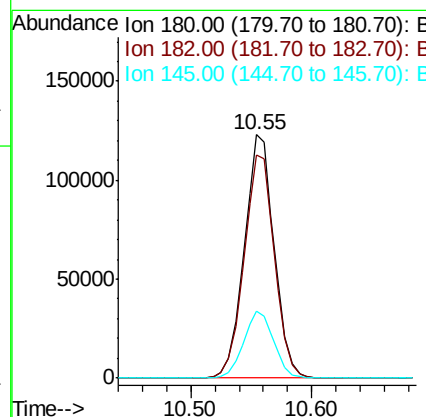
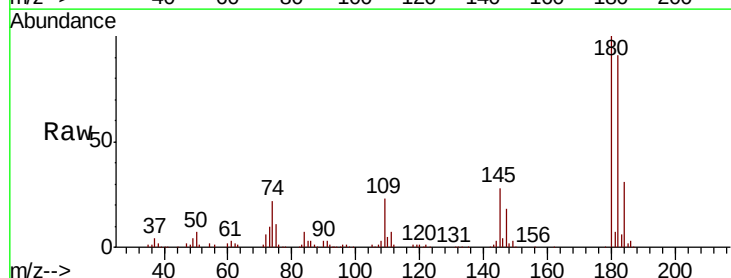
Manual Integrations
 APPROVED

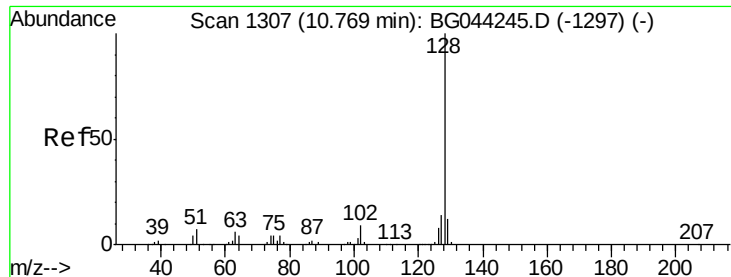
mohammad
 2/20/2020 3:11:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.555 ng
 RT: 10.55 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		210676		
182	91.4	75.5	113.3		
145	27.6	22.6	34.0		





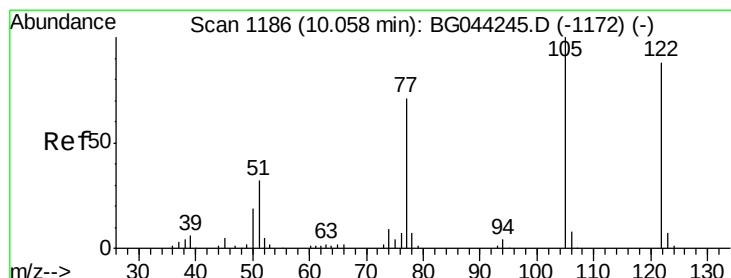
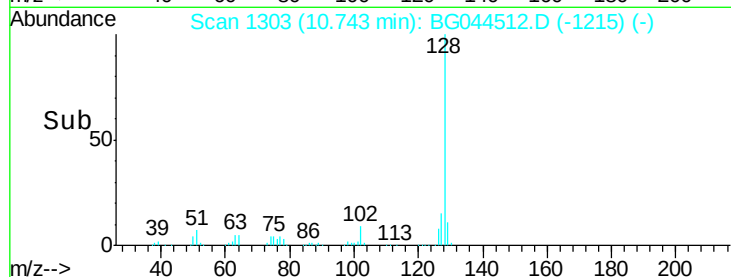
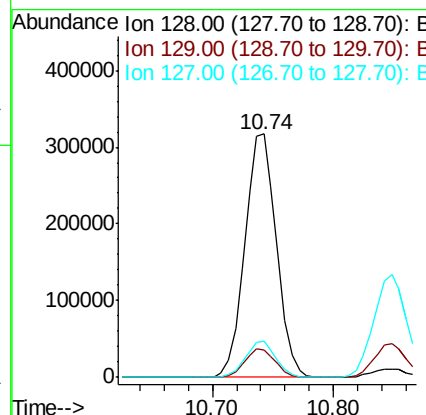
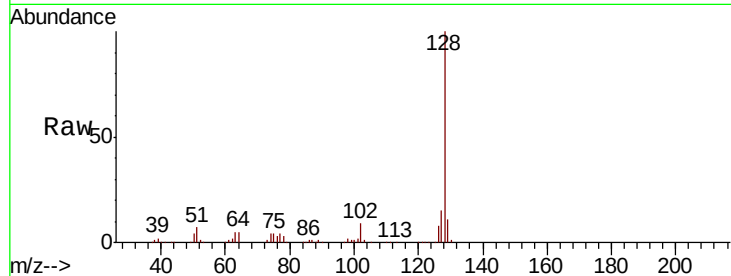
#31
Naphthalene
Concen: 42.116 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	14.9	11.6	17.4

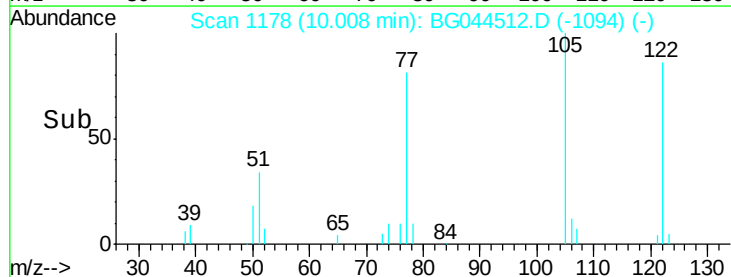
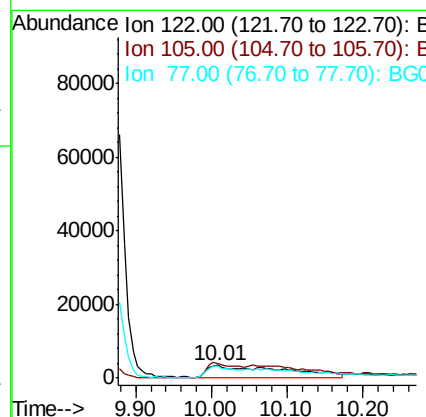
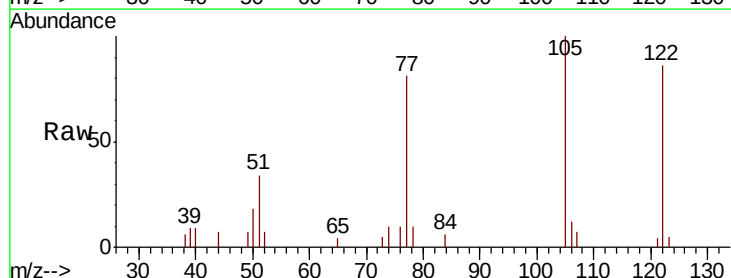
Manual Integrations
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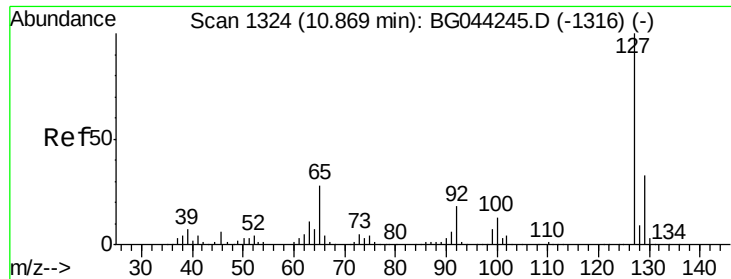
mohammad
2/20/2020 3:11:49 PM



#32
Benzoic acid
Concen: 21.819 ng m
RT: 10.01 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.4	93.5	133.5
77	94.5	61.0	101.0





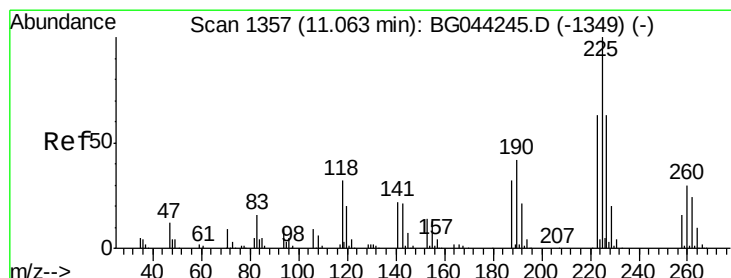
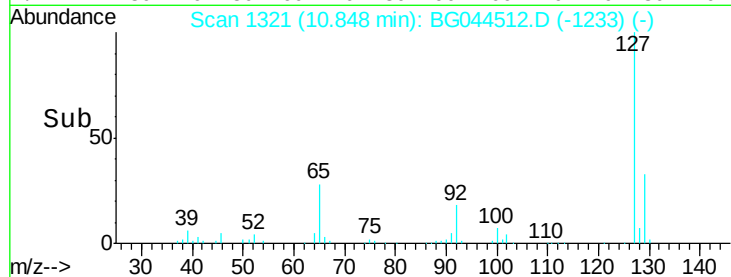
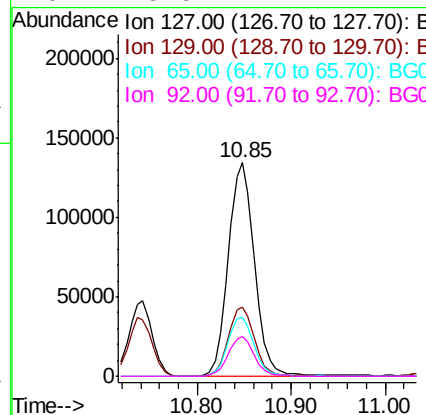
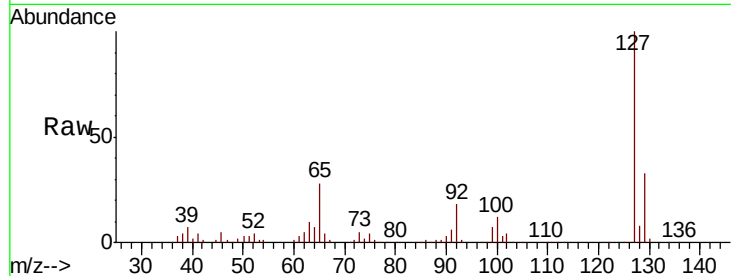
#33
 4-Chloroaniline
 Concen: 41.823 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	40.0		
65	27.7	22.5	33.7		
92	18.5	14.1	21.1		

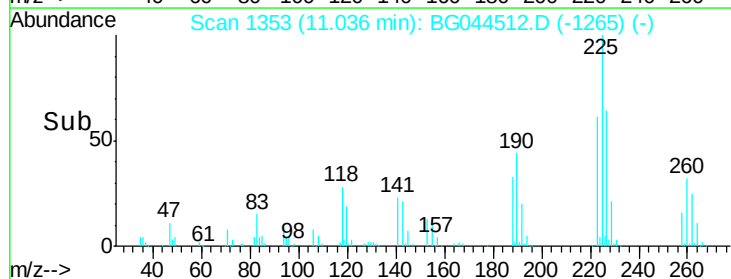
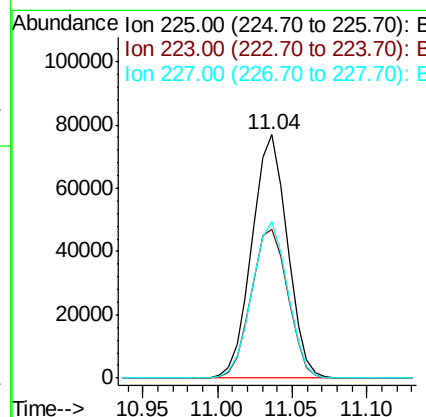
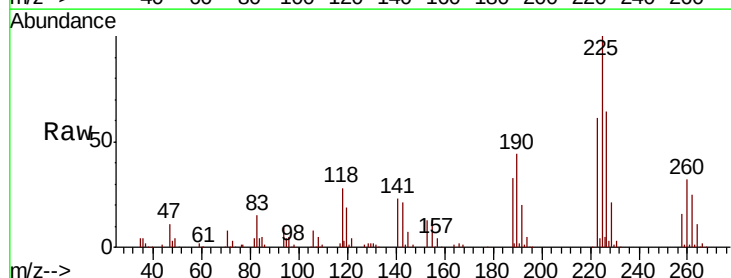
Manual Integrations
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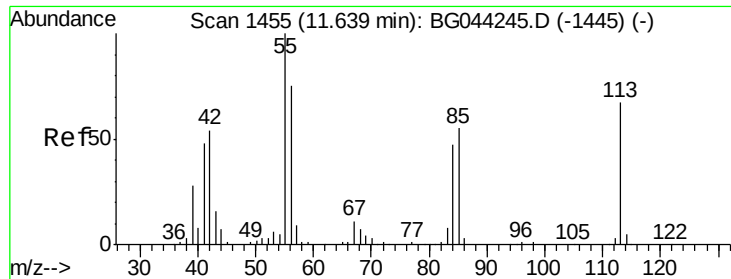
mohammad
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#34
 Hexachlorobutadiene
 Concen: 41.337 ng
 RT: 11.04 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	50.2	75.4		
227	64.3	50.8	76.2		





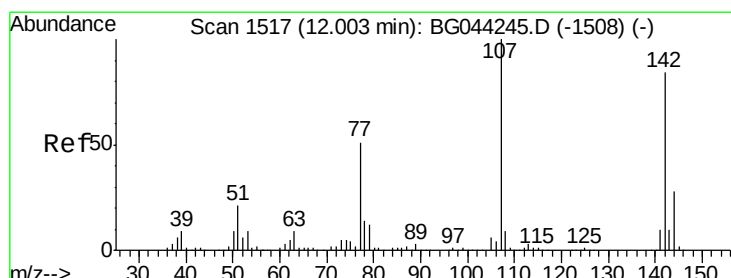
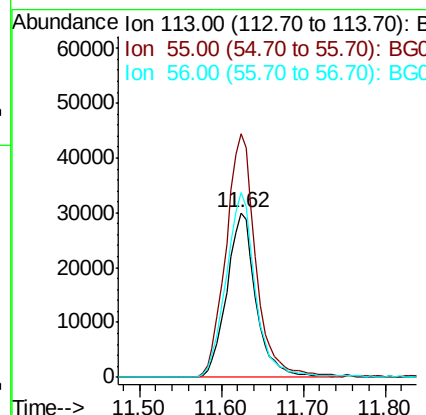
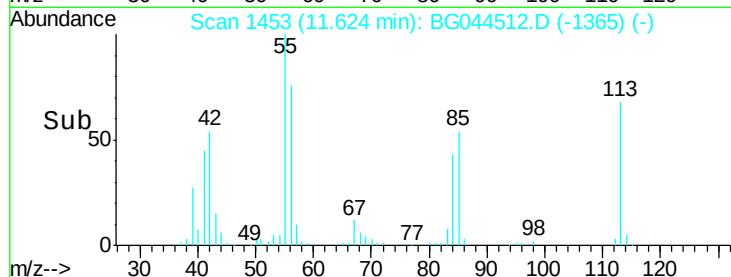
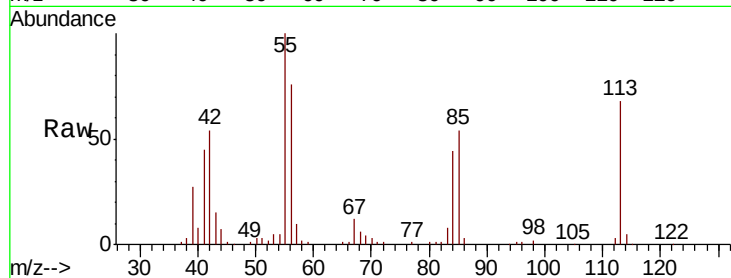
#35
 Caprolactam
 Concen: 47.121 ng
 RT: 11.62 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.1	129.9	169.9
56	112.3	92.5	132.5

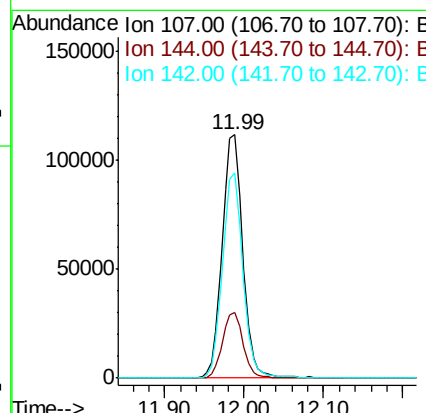
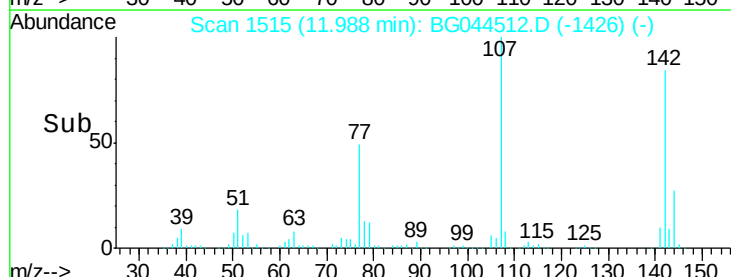
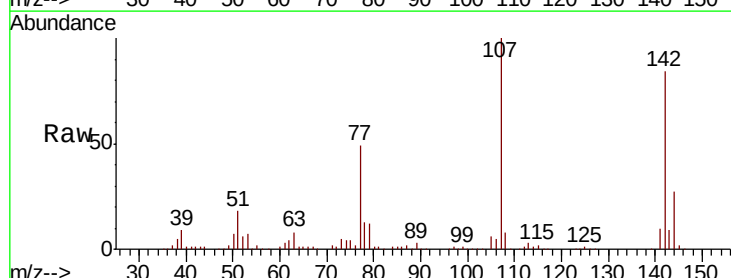
Manual Integrations
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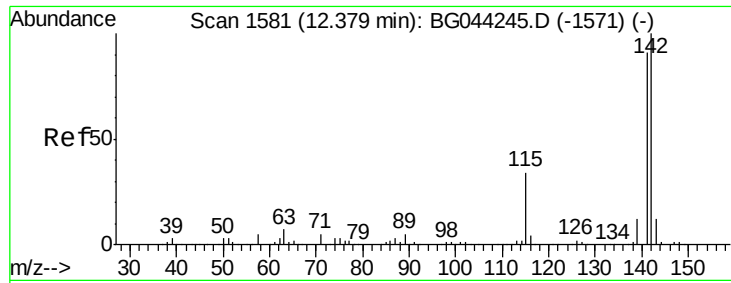
mohammad
 2/20/2020 3:11:49 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.628 ng
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.2	33.4
142	84.4	67.4	101.0





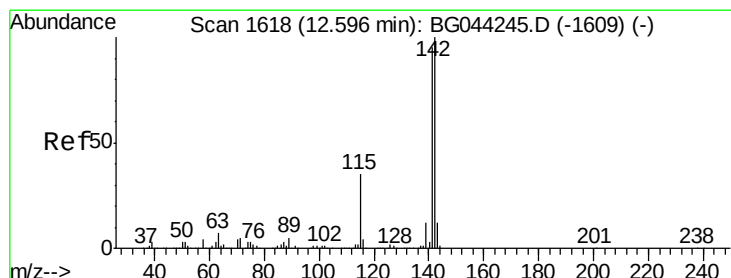
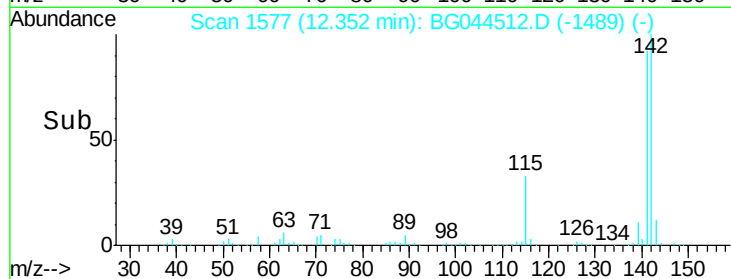
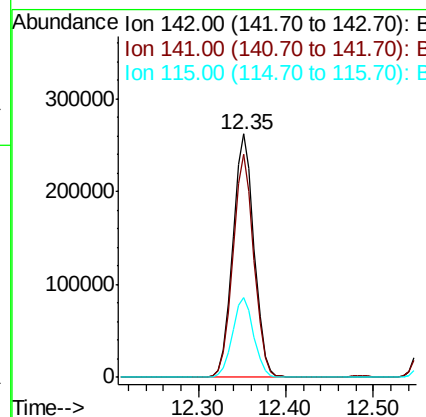
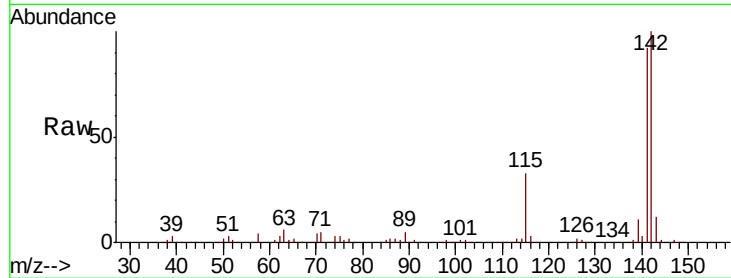
#37
2-Methylnaphthalene
Concen: 42.649 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
115	32.8	27.1	40.7

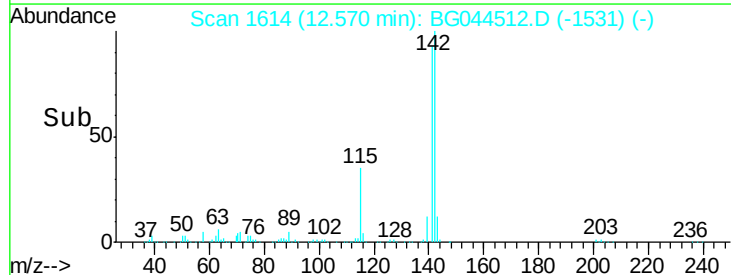
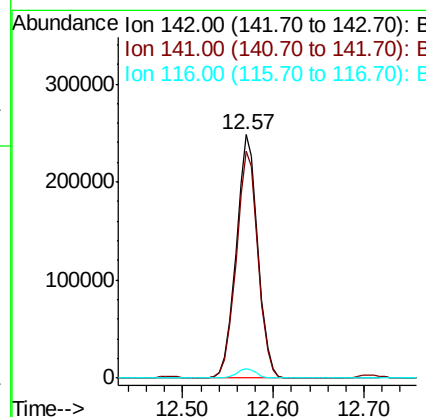
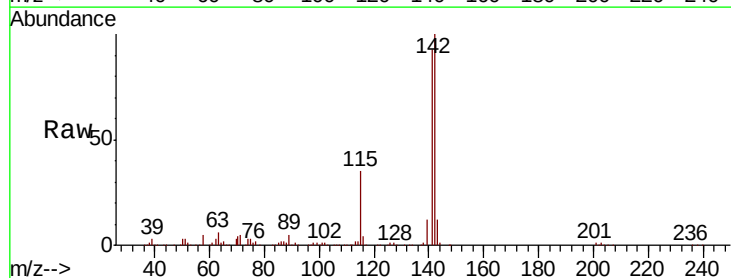
Manual Integrations
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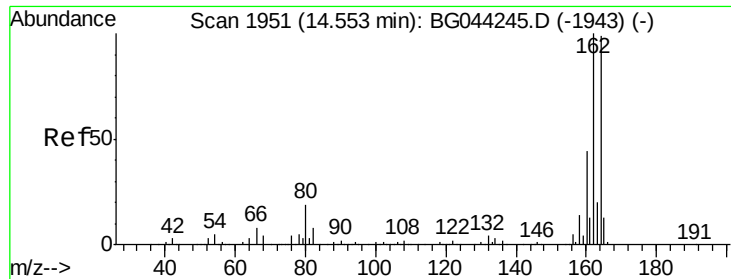
mohammad
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#38
1-Methylnaphthalene
Concen: 42.854 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.8	113.6
116	3.8	3.1	4.7





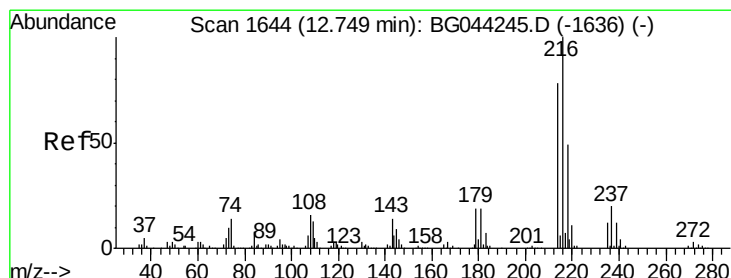
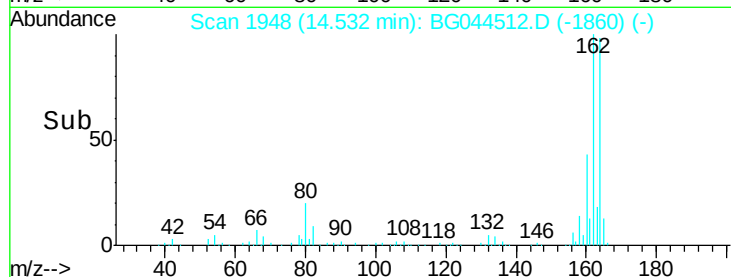
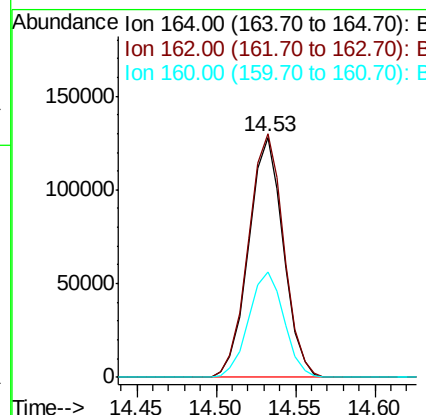
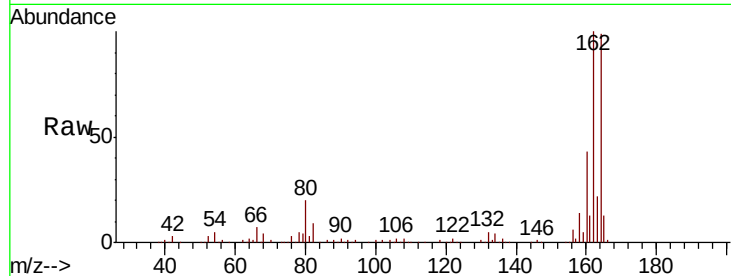
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	194150		
162	101.3	80.7	121.1	
160	44.0	35.3	52.9	

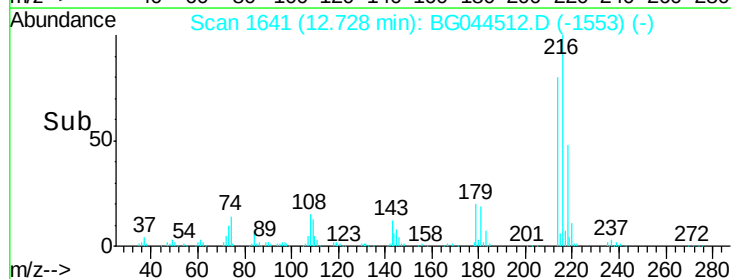
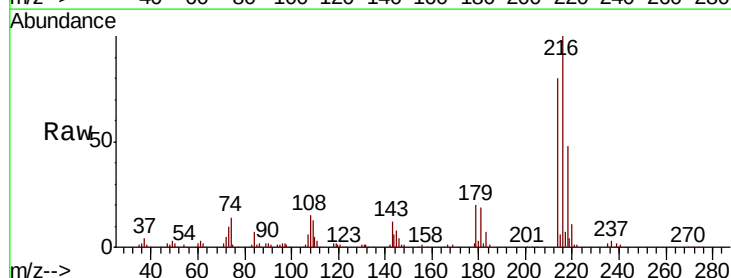
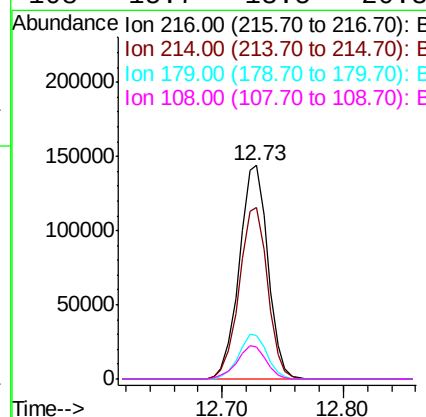
Manual Integrations
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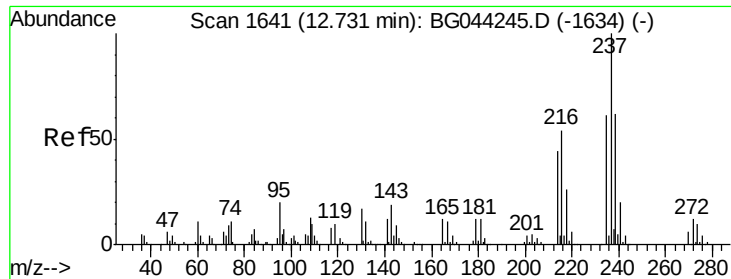
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.013 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	238191		
214	79.6	63.0	94.6	
179	20.7	16.2	24.4	
108	15.7	13.5	20.3	





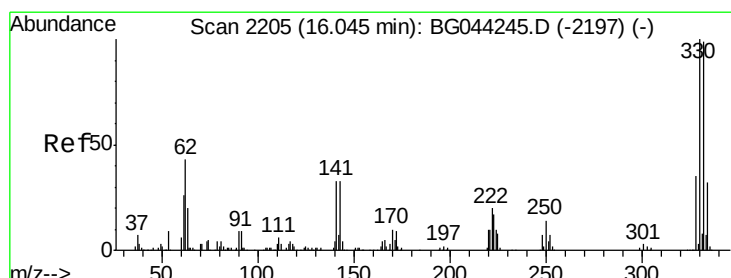
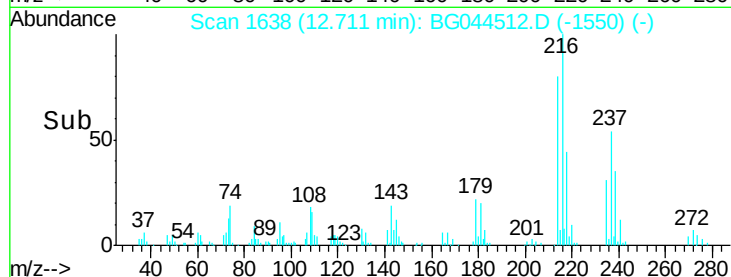
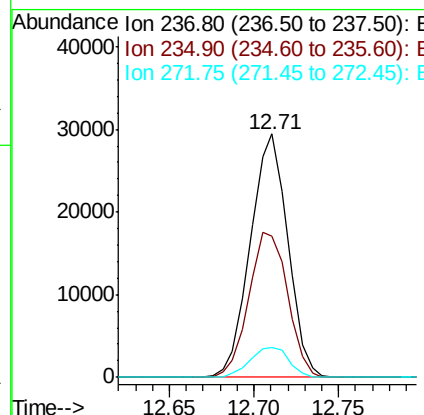
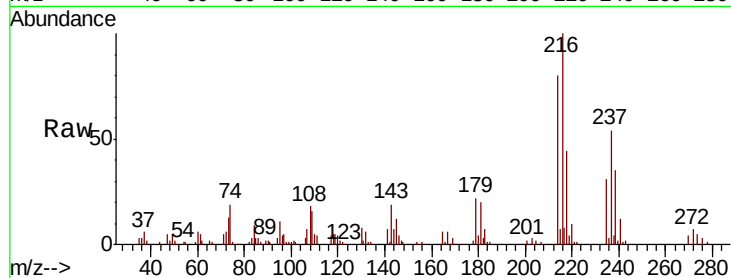
#41
Hexachlorocyclopentadiene
Concen: 16.249 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	58.1	41.2	81.2
272	12.1	0.0	32.4

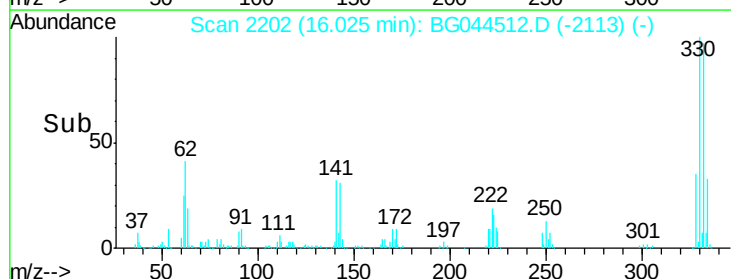
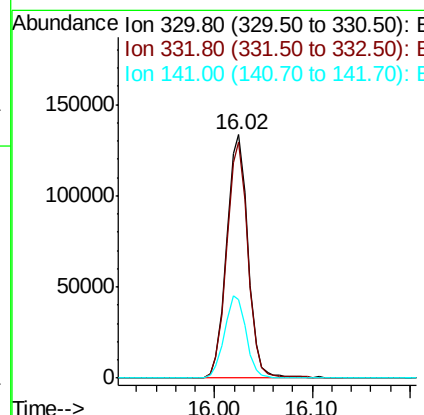
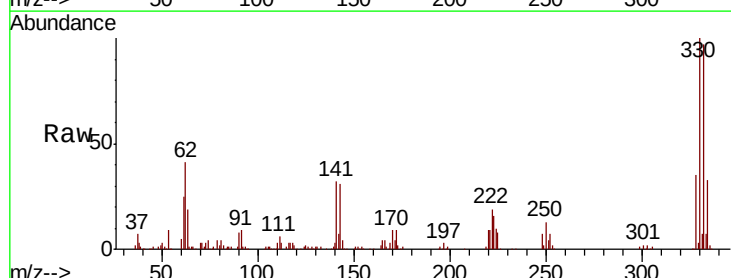
Manual Integrations
APPROVED

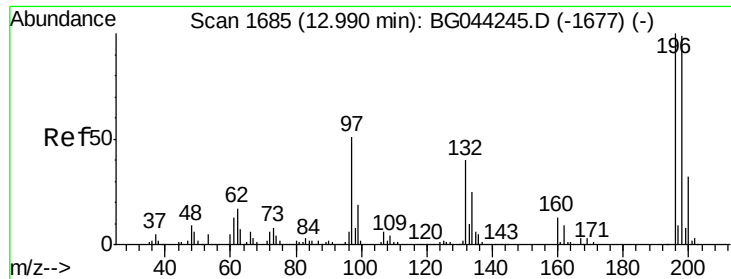
mohammad
2/20/2020 3:11:49 PM



#42
2,4,6-Tribromophenol
Concen: 88.937 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.2	115.8
141	34.5	28.3	42.5





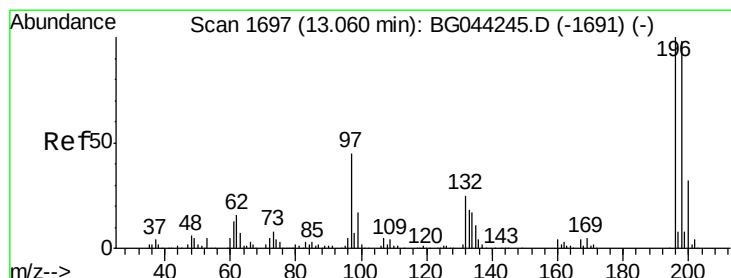
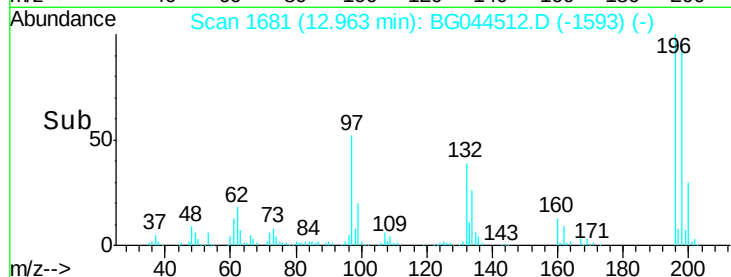
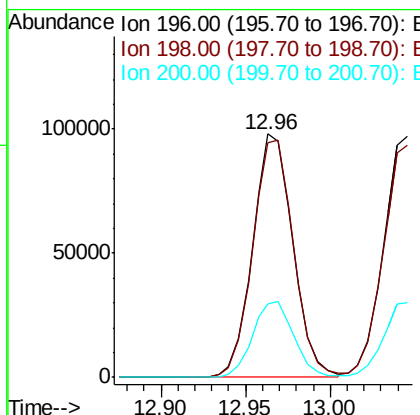
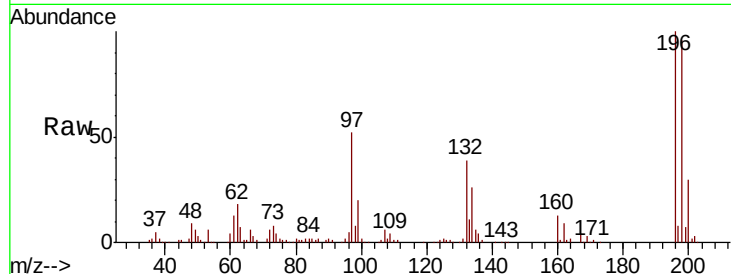
#43
 2,4,6-Trichlorophenol
 Concen: 43.122 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161876		
198	96.2	79.3	118.9	
200	30.1	25.7	38.5	

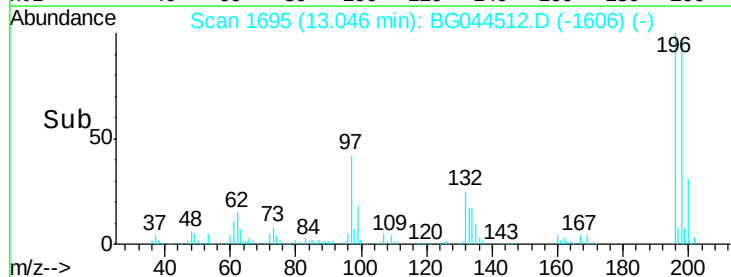
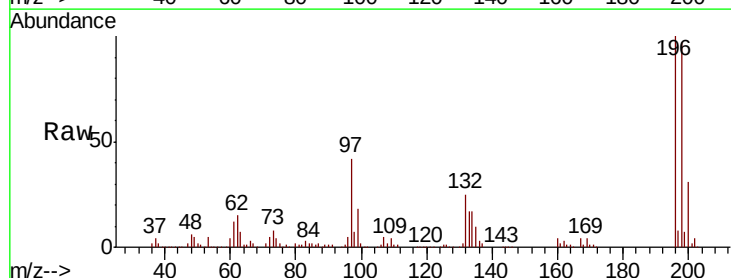
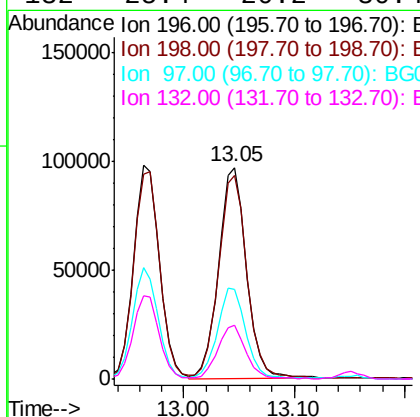
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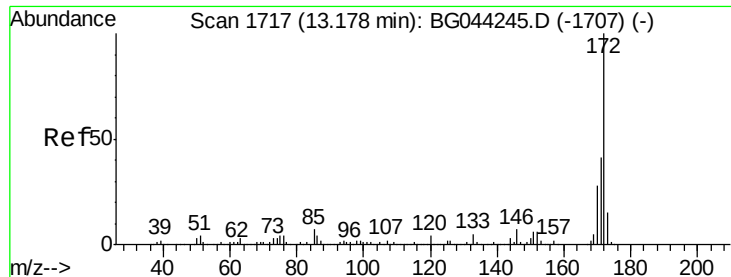
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.227 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169579		
198	96.5	78.2	117.2	
97	42.5	36.2	54.4	
132	25.4	20.2	30.4	





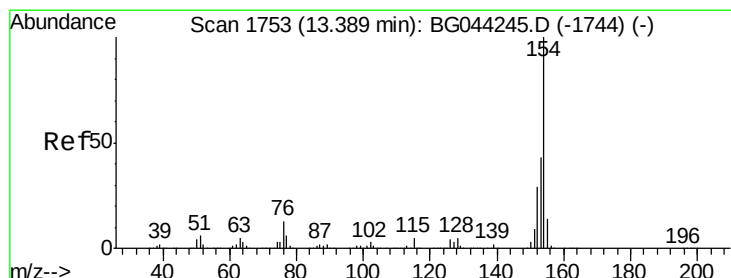
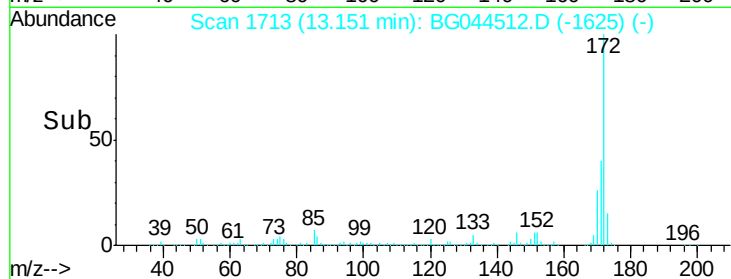
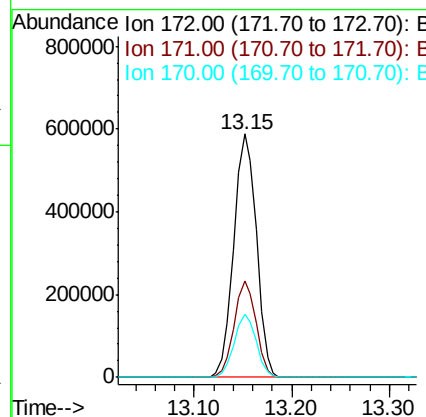
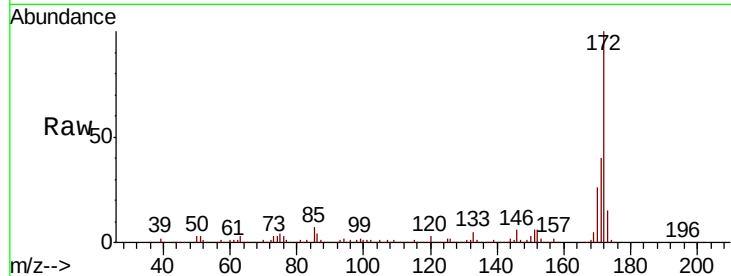
#45
2-Fluorobiphenyl
Concen: 81.662 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	39.8	32.9	49.3
170	26.1	22.0	33.0

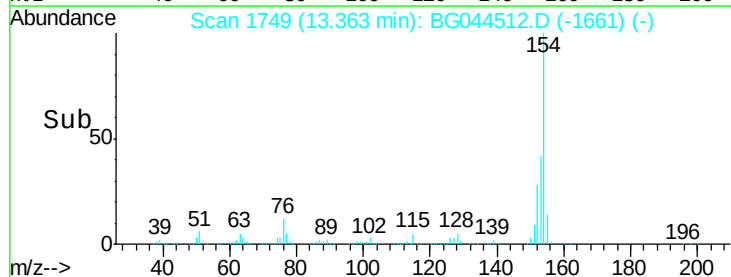
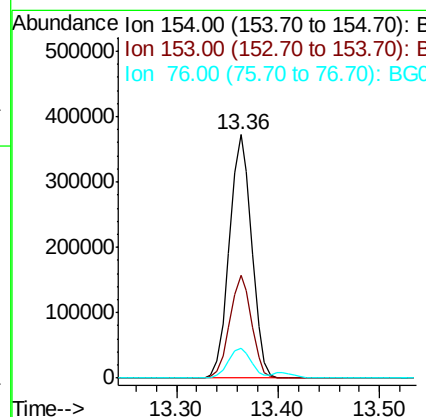
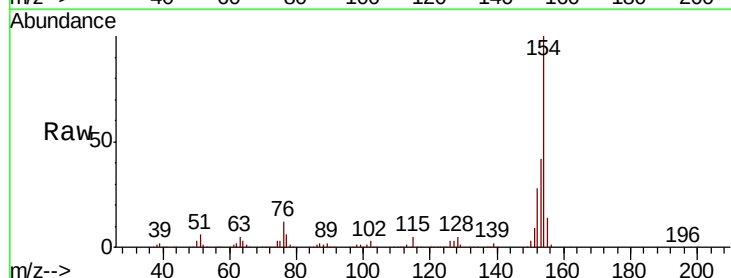
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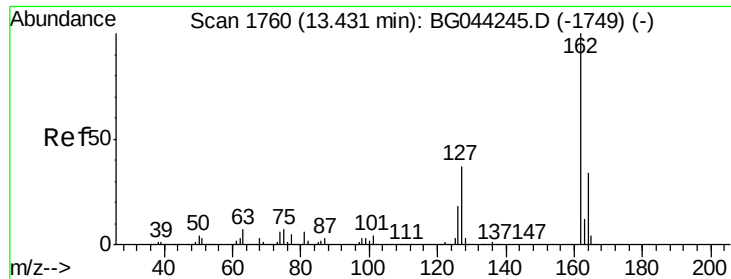
mohammad
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#46
1,1'-Biphenyl
Concen: 40.546 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.2	22.7	62.7
76	12.3	0.0	32.9





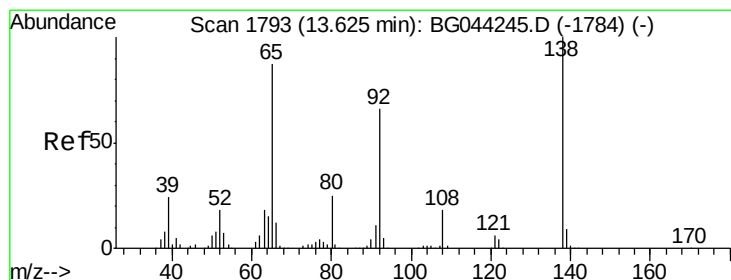
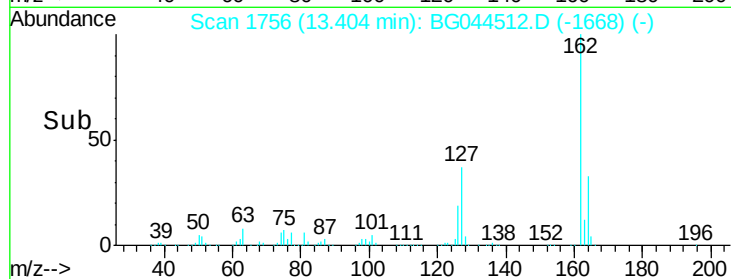
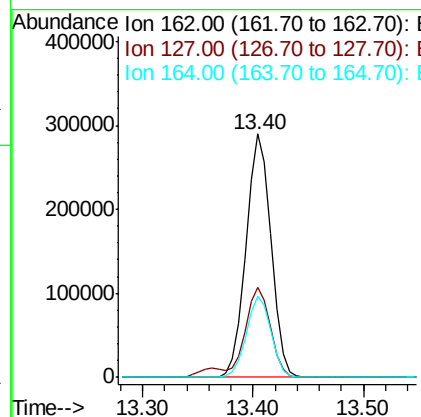
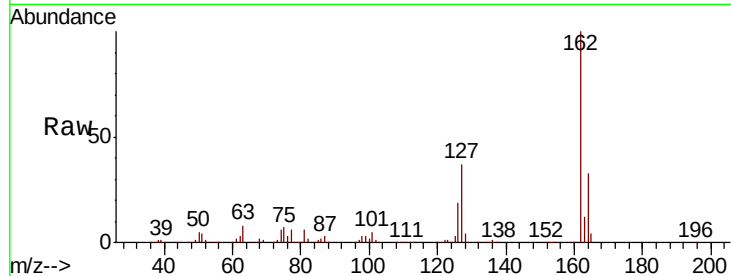
#47
2-Chloronaphthalene
Concen: 41.413 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.0	45.0
164	33.3	27.2	40.8

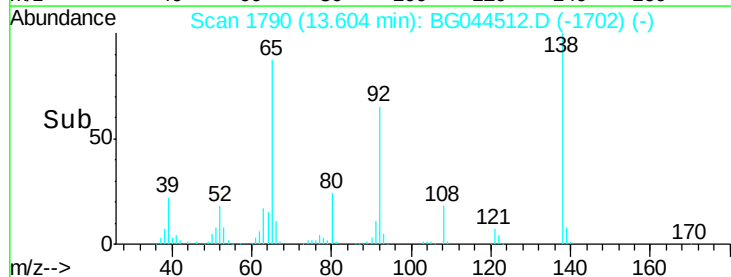
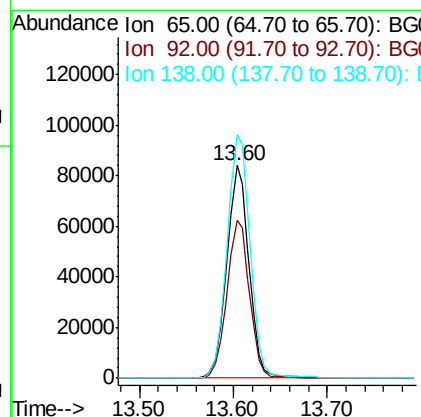
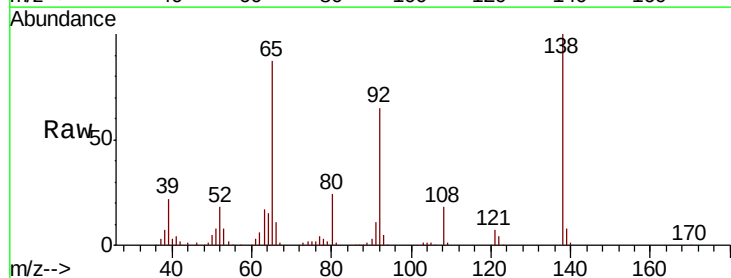
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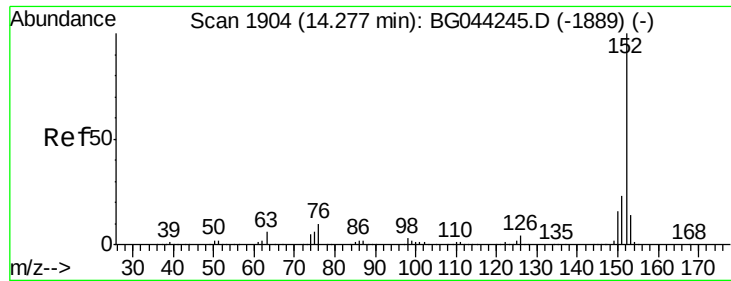
mohammad
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#48
2-Nitroaniline
Concen: 41.876 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	60.3	90.5
138	114.7	91.9	137.9





#49

Acenaphthylene

Concen: 42.454 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

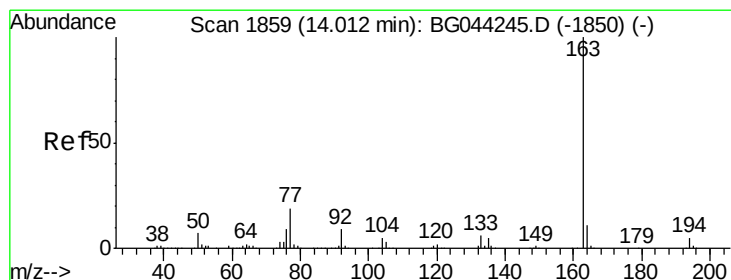
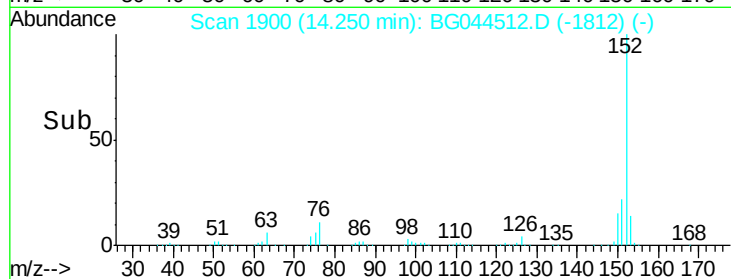
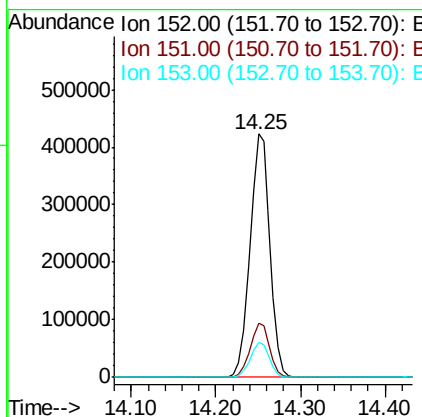
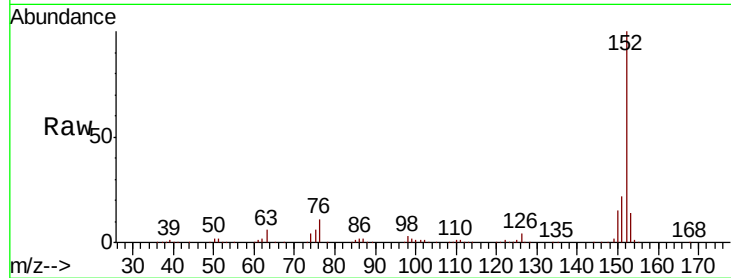
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	693910
Ion Ratio	Lower	Upper	
152	100		
151	22.2	18.1	27.1
153	14.4	11.5	17.3

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#50

Dimethylphthalate

Concen: 39.917 ng

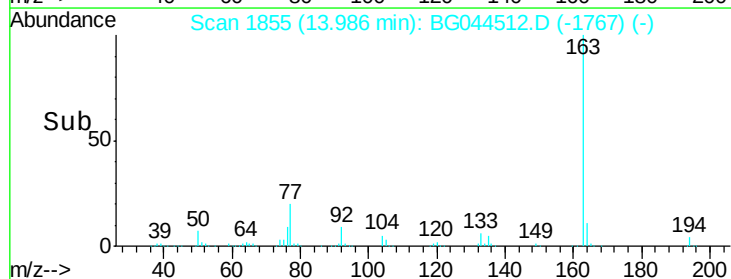
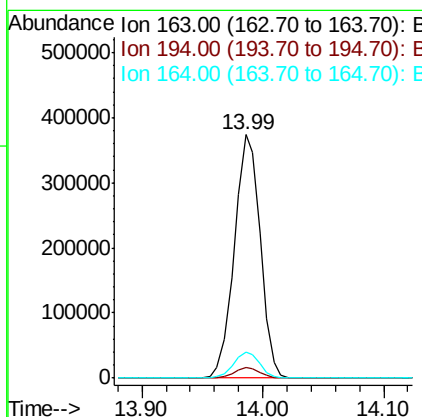
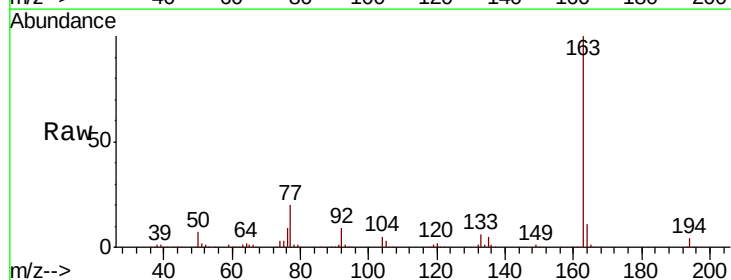
RT: 13.99 min Scan# 1855

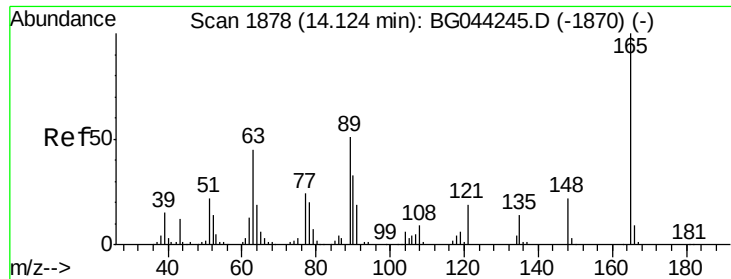
Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:	163	Resp:	557082
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.7	8.7	13.1





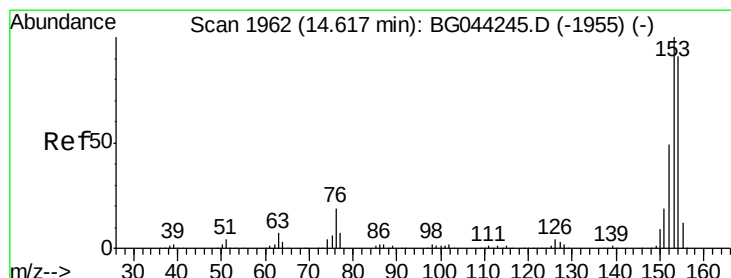
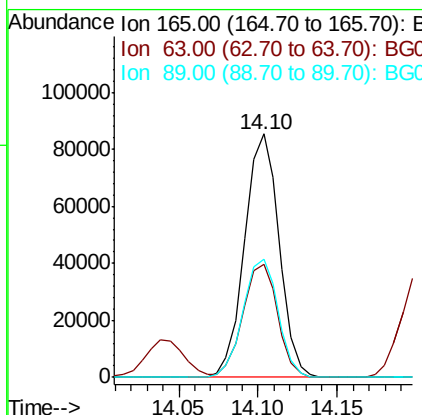
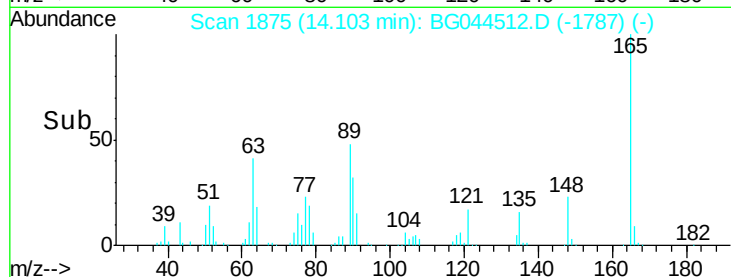
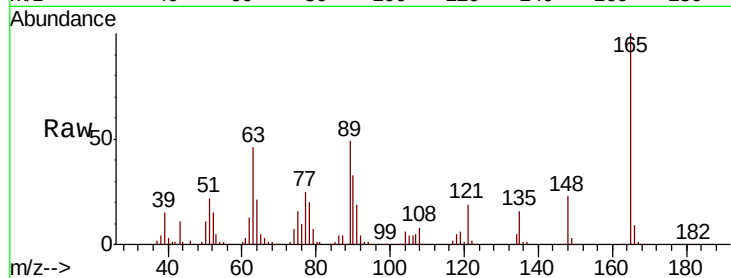
#51
2,6-Dinitrotoluene
Concen: 41.470 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	38.7	58.1
89	48.7	40.4	60.6

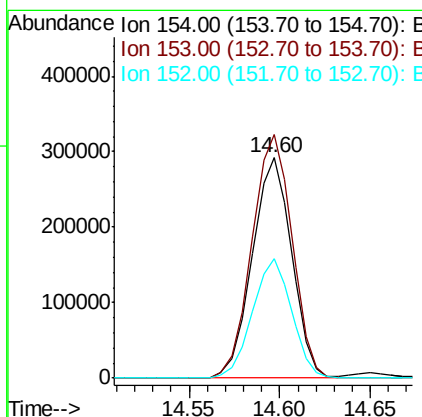
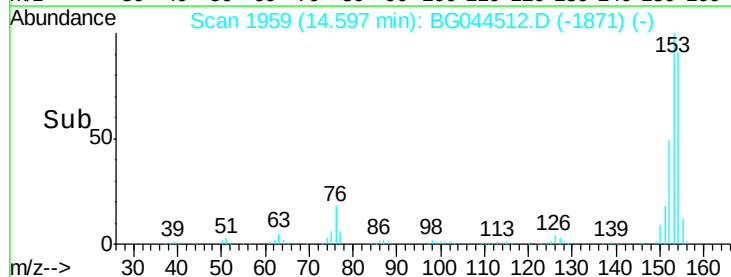
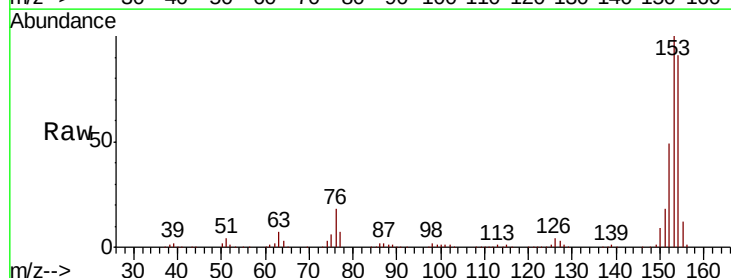
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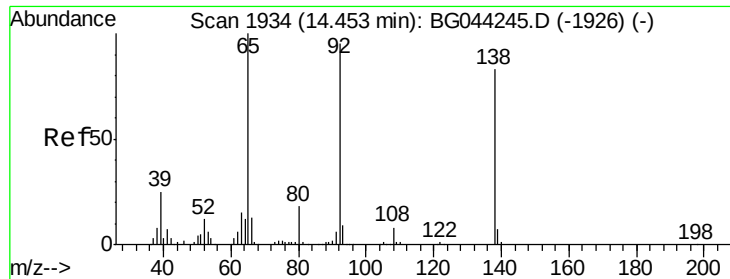
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#52
Acenaphthene
Concen: 41.659 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	87.9	131.9
152	54.1	43.1	64.7





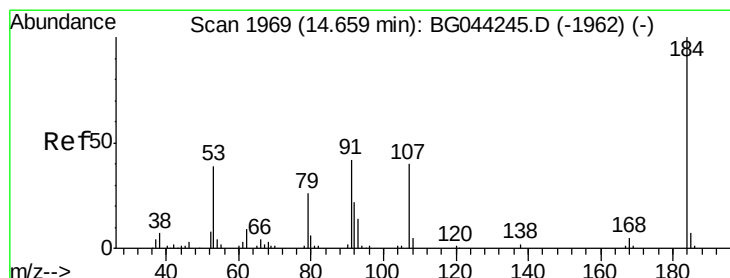
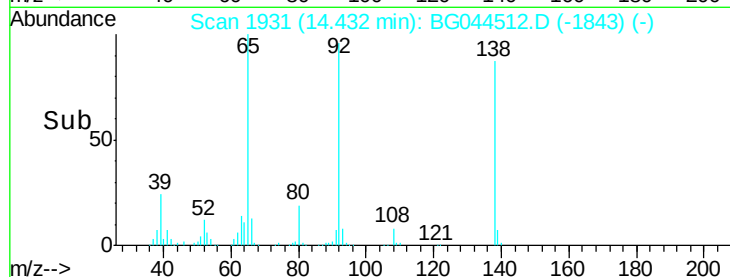
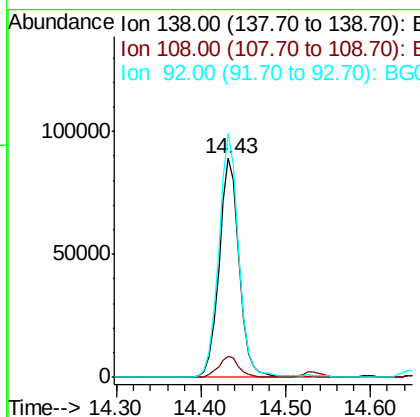
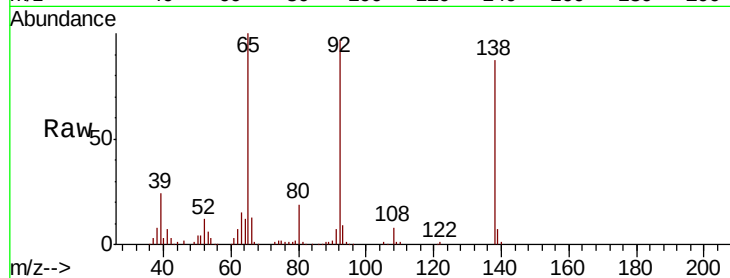
#53
 3-Nitroaniline
 Concen: 42.900 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	147691		
108	9.4	7.9	11.9	
92	111.2	91.0	136.4	

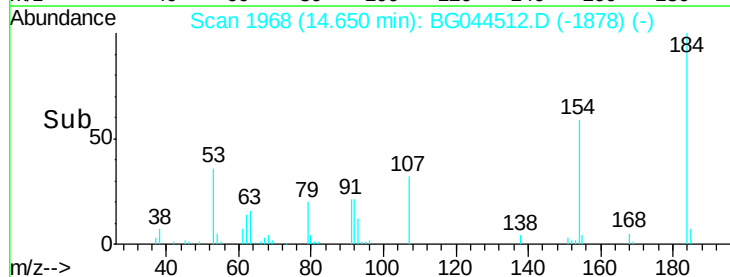
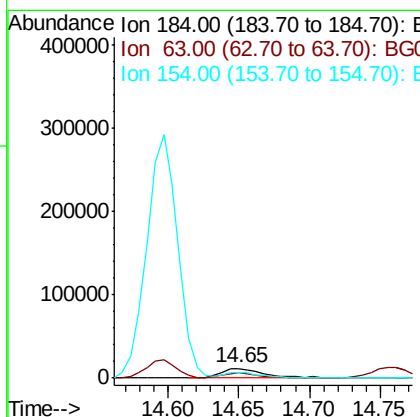
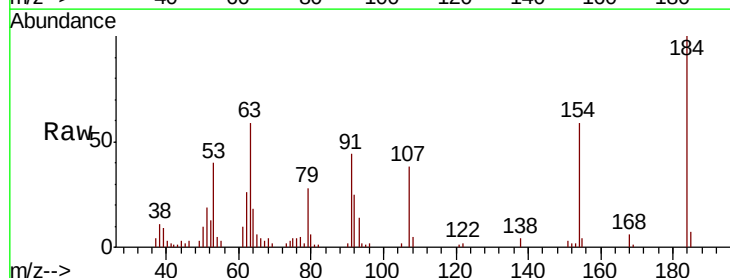
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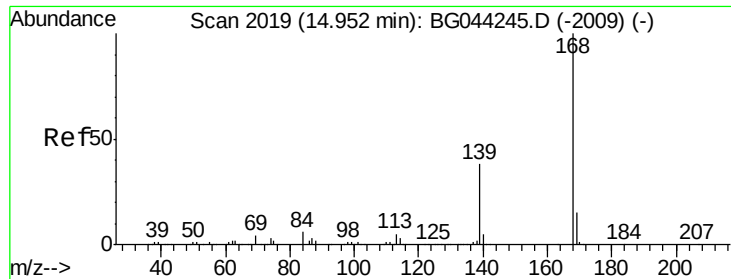
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#54
 2,4-Dinitrophenol
 Concen: 19.666 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	24541		
63	58.6	44.1	66.1	
154	59.3	45.4	68.0	





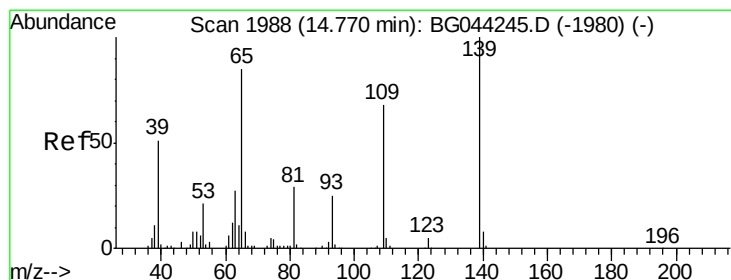
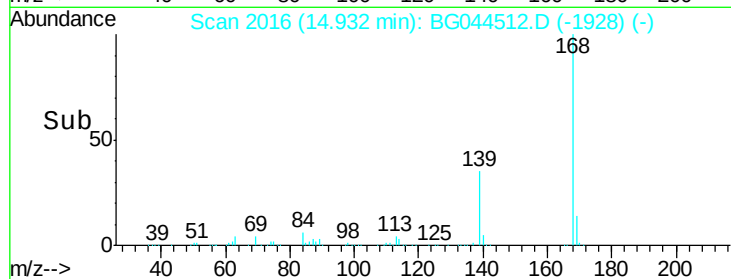
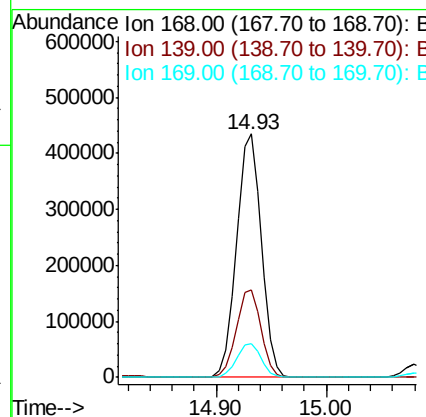
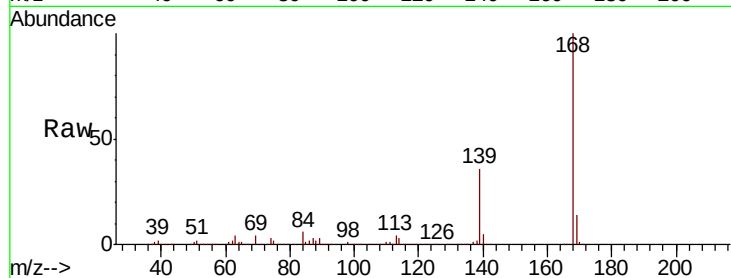
#55
Dibenzenofuran
Concen: 42.662 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.5	45.7
169	14.0	11.7	17.5

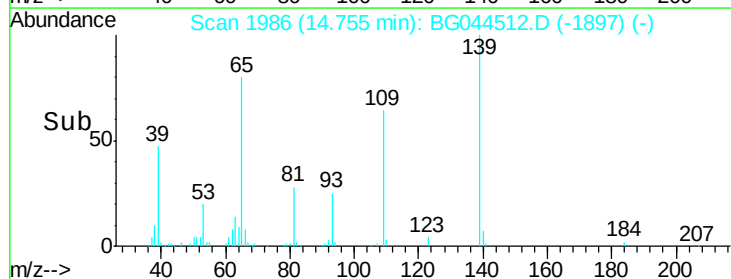
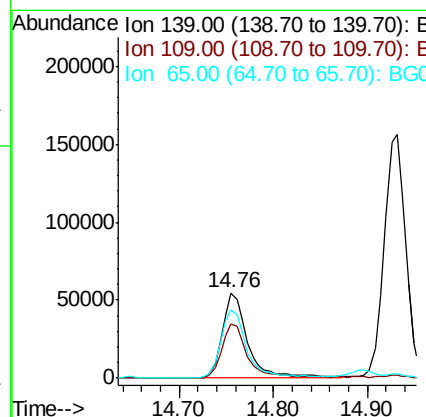
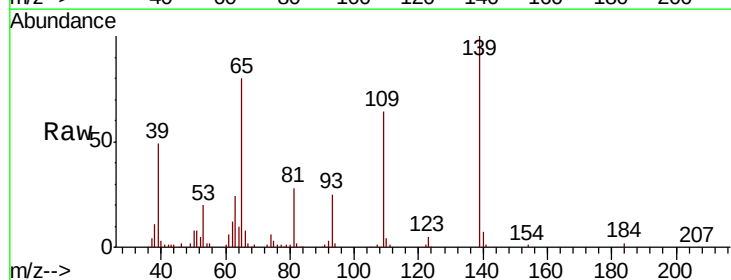
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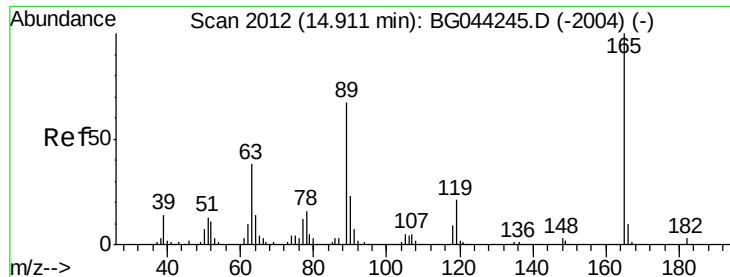
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#56
4-Nitrophenol
Concen: 41.162 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	47.5	87.5
65	80.2	64.9	104.9





#57

2,4-Dinitrotoluene

Concen: 42.752 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

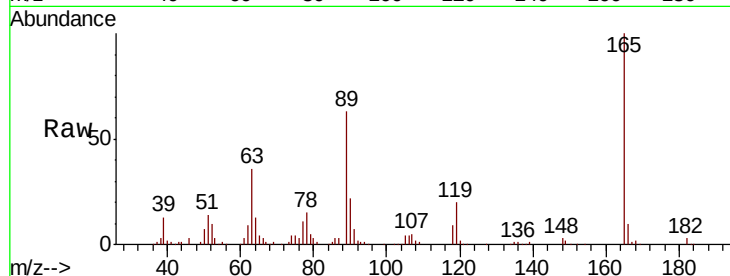
ClientSampleId :

SSTDCCC040

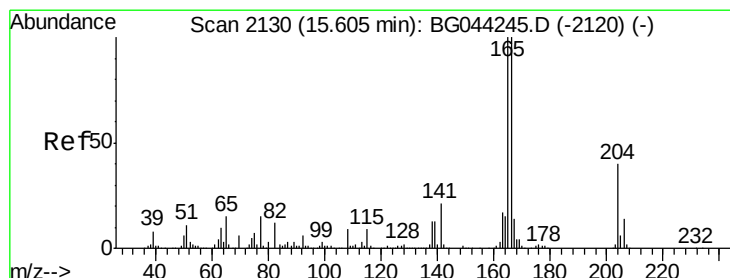
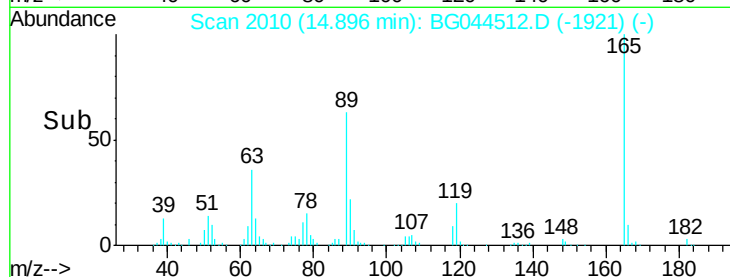
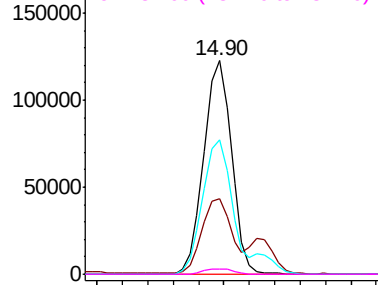
Tot Ion	Ratio	Resp	Lower	Upper
165	100	186457		
63	35.5	30.3	45.5	
89	63.0	53.4	80.2	
182	2.6	2.1	3.1	

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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 43.289 ng

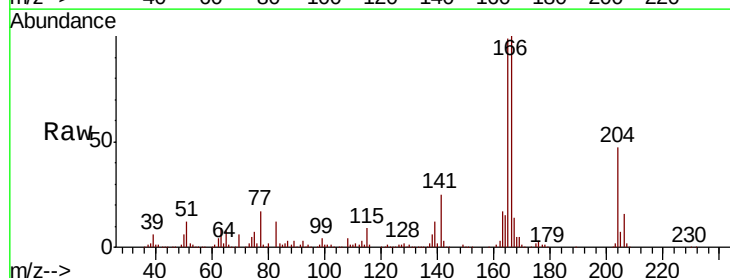
RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

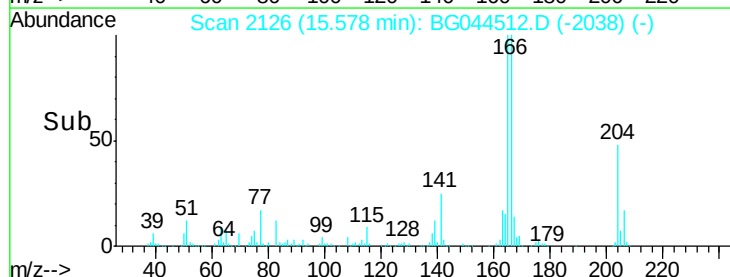
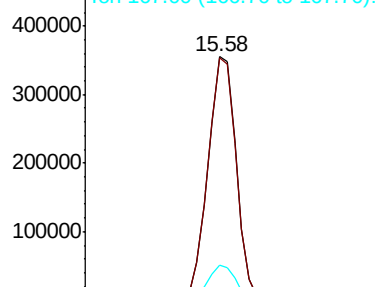
Lab File: BG044512.D

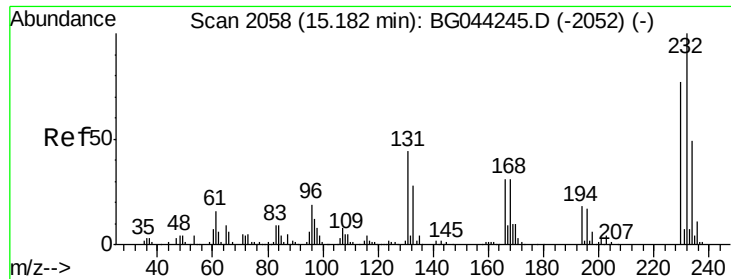
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	546905		
165	99.4	79.9	119.9	
167	14.1	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E





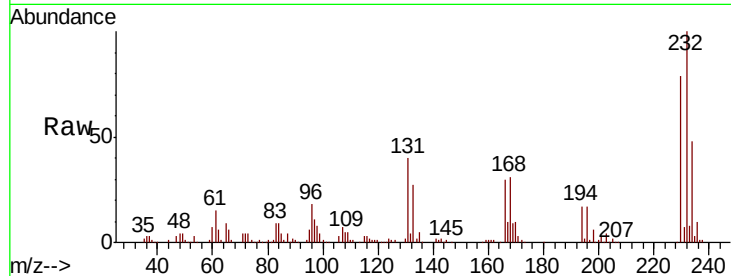
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.039 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

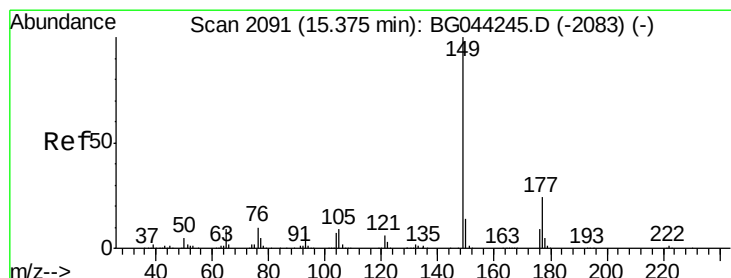
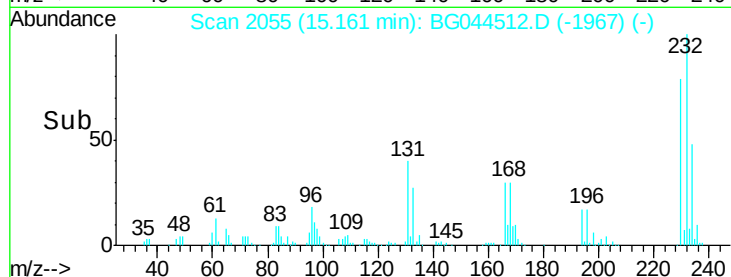
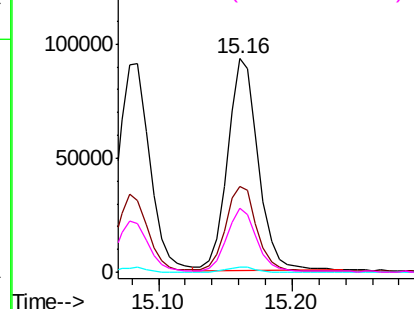
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.2	51.4
130	2.4	1.8	2.8
166	30.4	23.8	35.8

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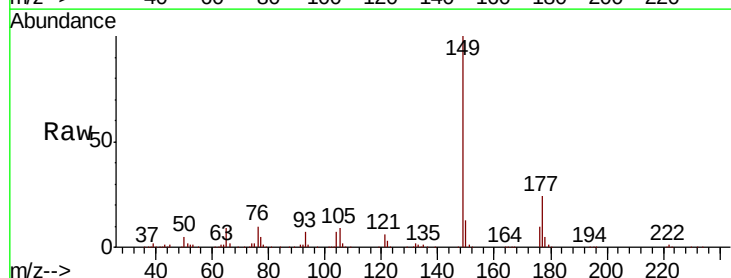


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

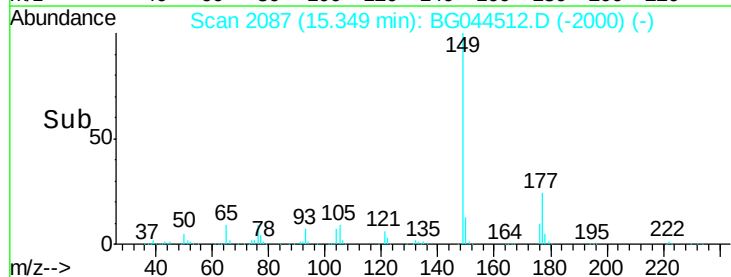
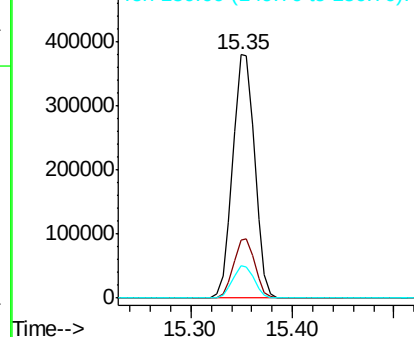


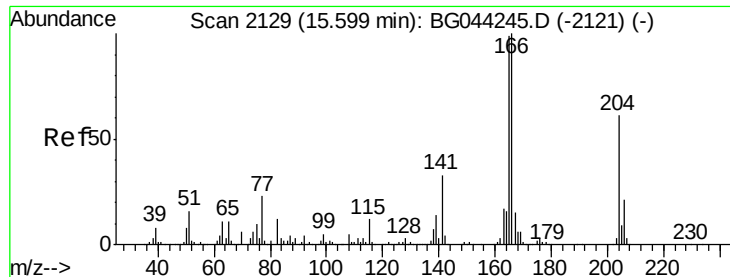
#60
 Diethylphthalate
 Concen: 41.045 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.4	29.0
150	13.4	10.9	16.3



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





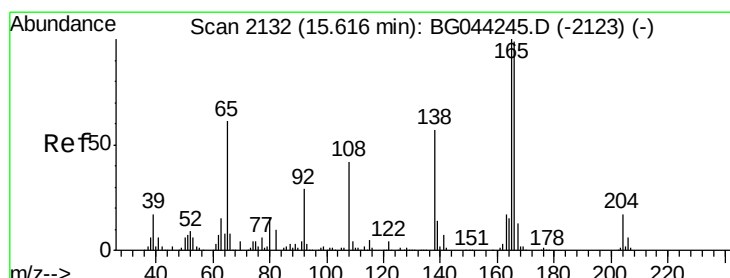
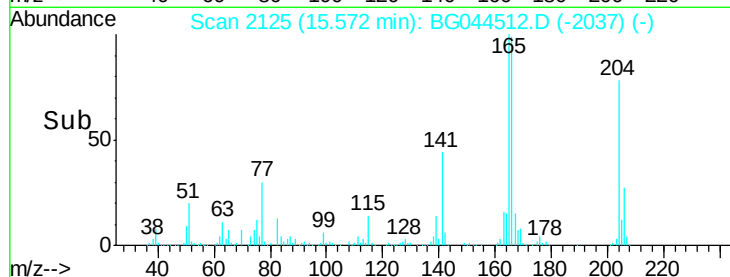
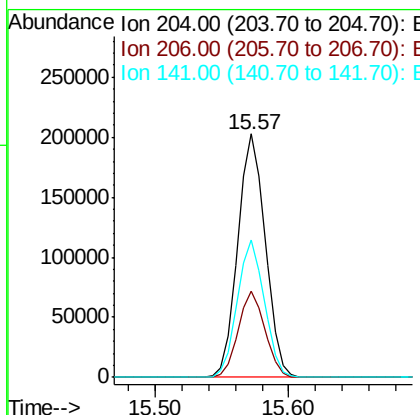
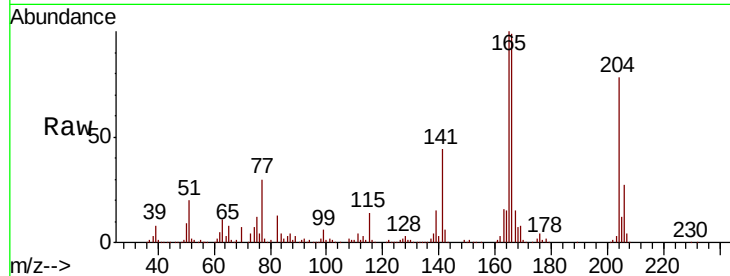
#61
4-Chlorophenyl-phenylether
Concen: 42.157 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	288787		
206	35.2	27.6	41.4	
141	56.3	43.4	65.0	

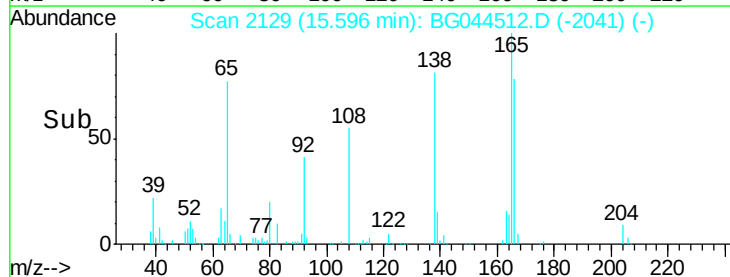
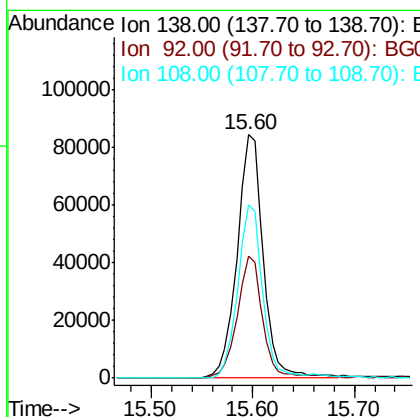
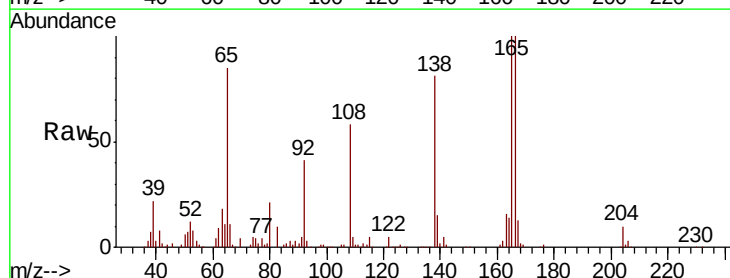
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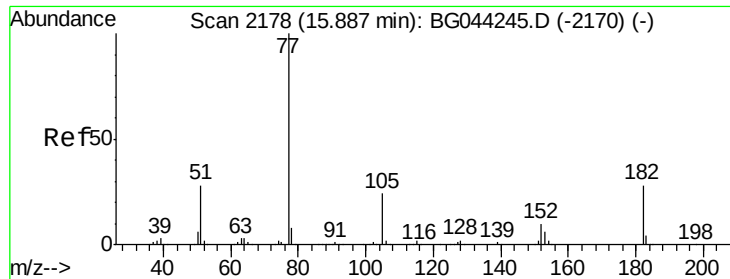
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2/20/2020 3:11:49 PM



#62
4-Nitroaniline
Concen: 43.752 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150509		
92	50.4	31.3	71.3	
108	71.1	52.6	92.6	





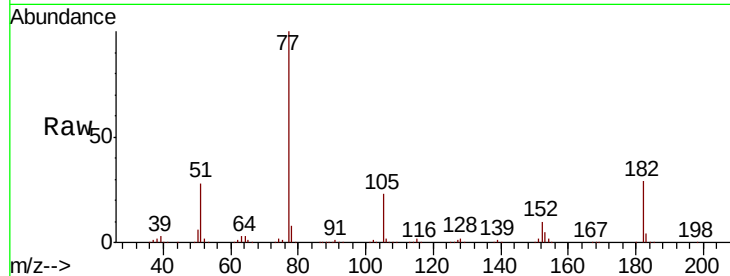
#63
Azobenzene
Concen: 42.157 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

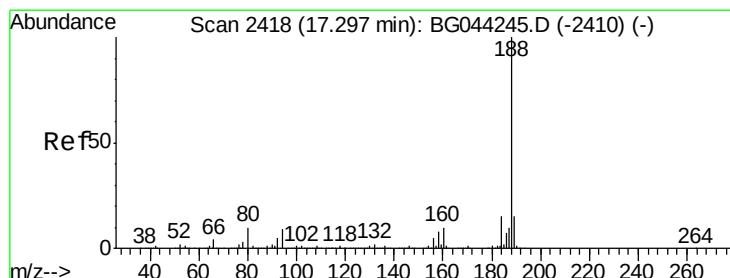
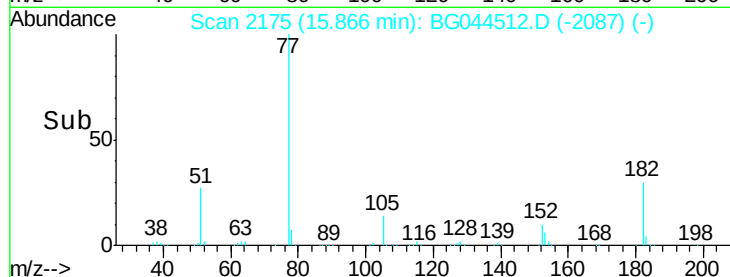
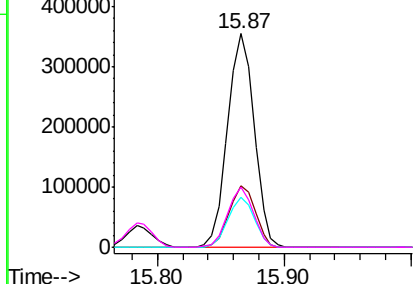
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		513800		
182	28.9	8.2	48.2		
105	23.5	3.6	43.6		
51	27.9	8.3	48.3		

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2/20/2020 3:11:49 PM

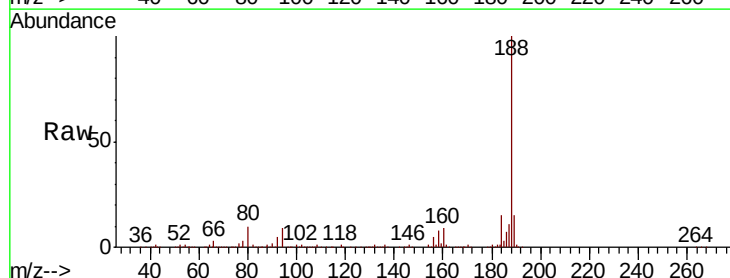


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

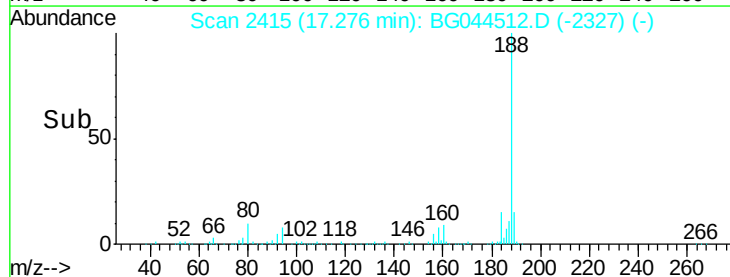
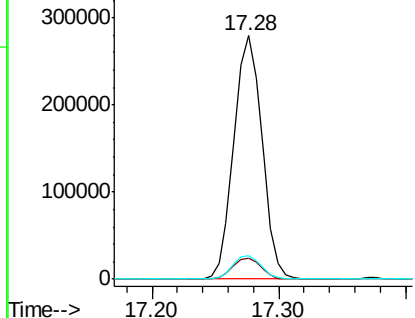


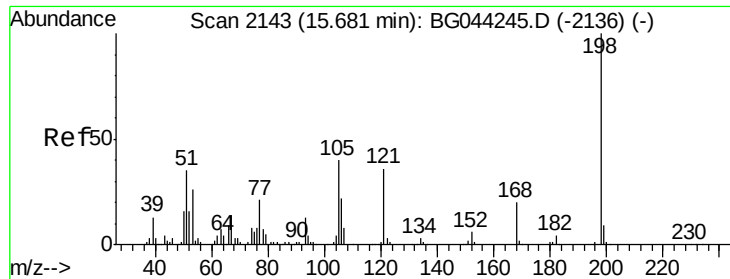
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		431024		
94	8.5	7.4	11.2		
80	9.7	7.7	11.5		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





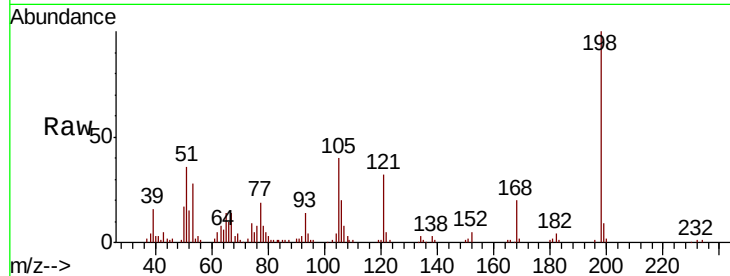
#65
4,6-Dinitro-2-methylphenol
Concen: 25.332 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

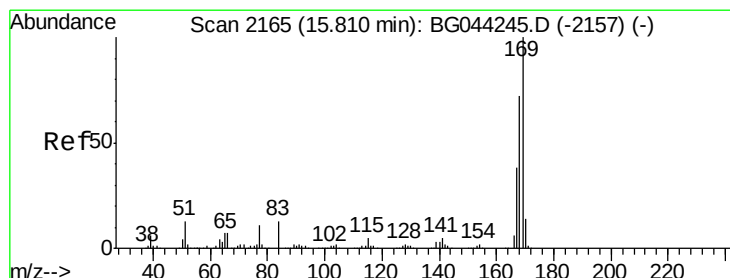
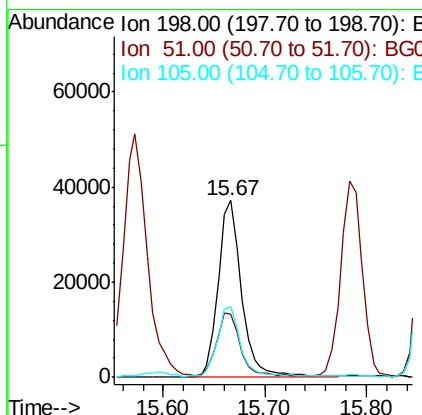
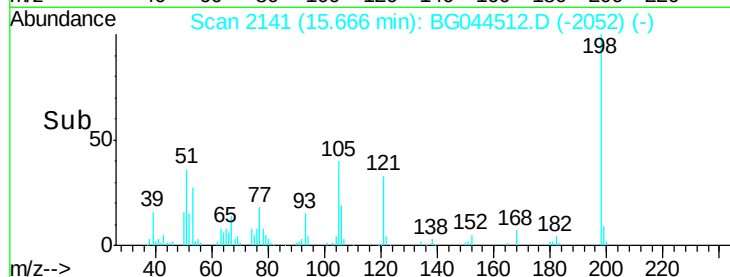
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	16.6	56.6
105	40.0	20.6	60.6

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2/20/2020 3:11:49 PM

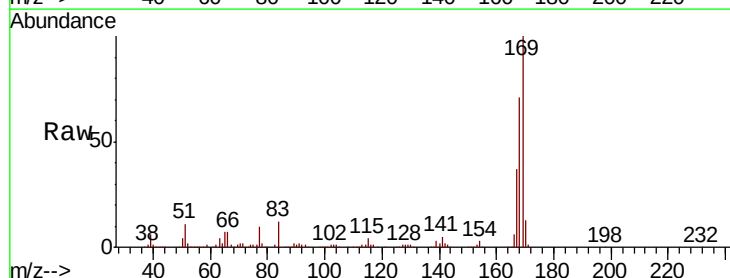


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

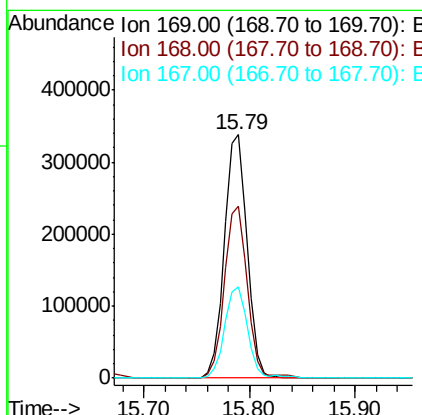
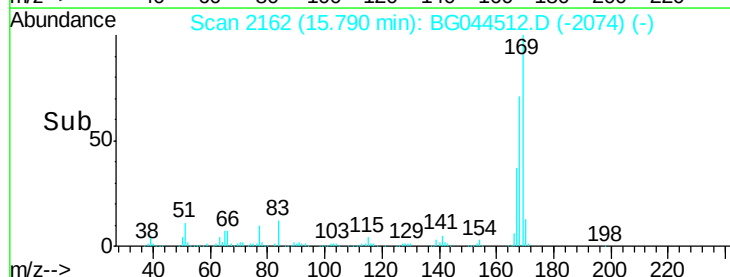


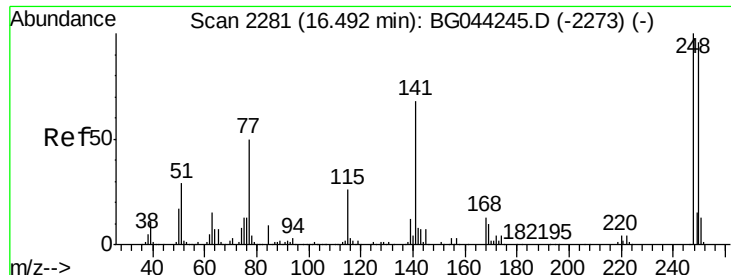
#66
n-Nitrosodiphenylamine
Concen: 41.463 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	57.9	86.9
167	37.4	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





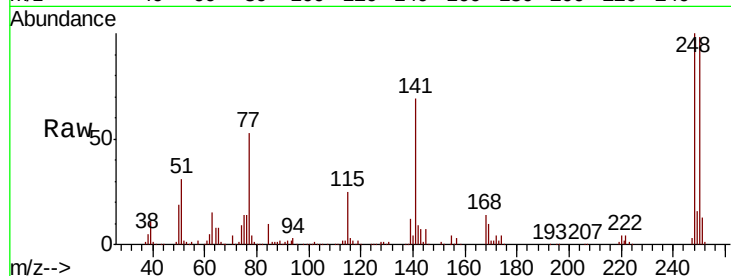
#67
 4-Bromophenyl-phenylether
 Concen: 41.361 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.6	114.8
141	69.3	54.7	82.1

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 2/20/2020 3:11:49 PM

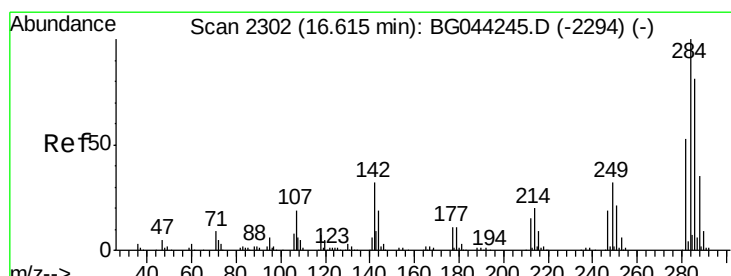
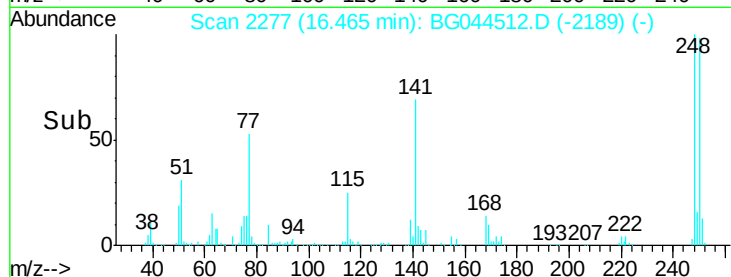
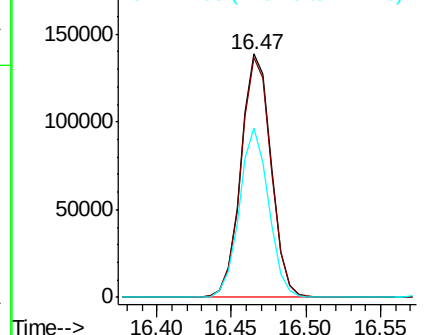


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.892 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

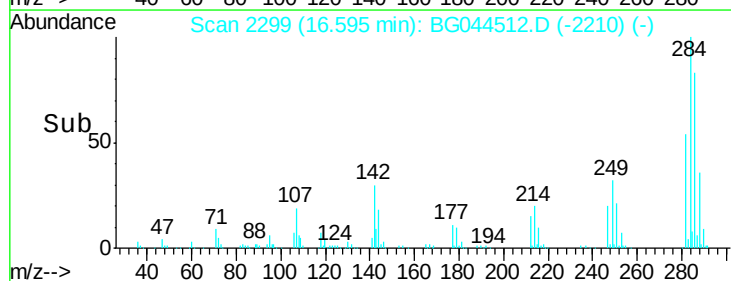
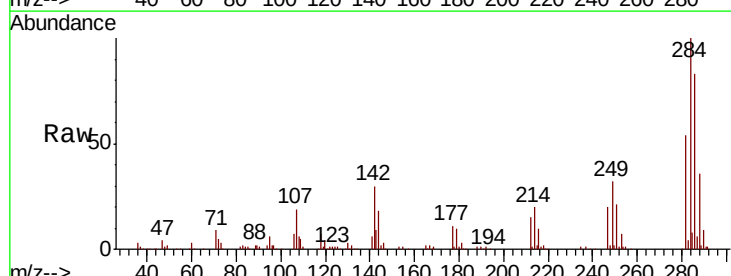
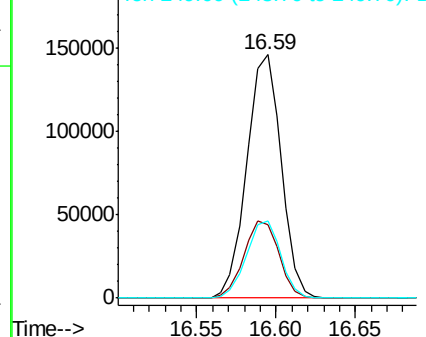
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	25.3	37.9
249	31.8	25.5	38.3

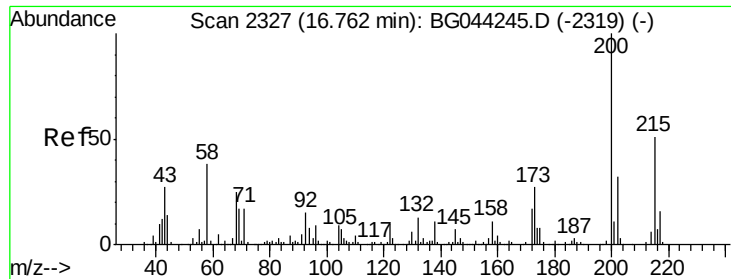
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.230 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

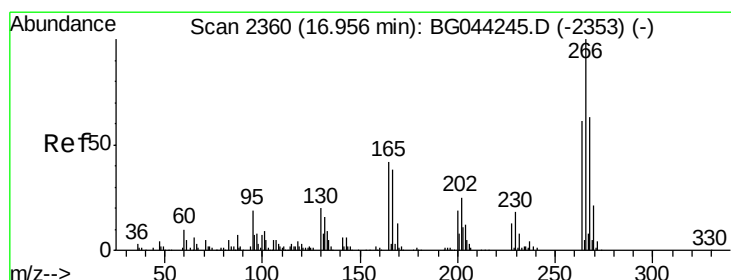
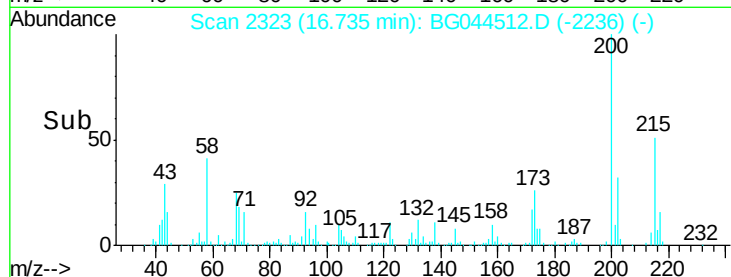
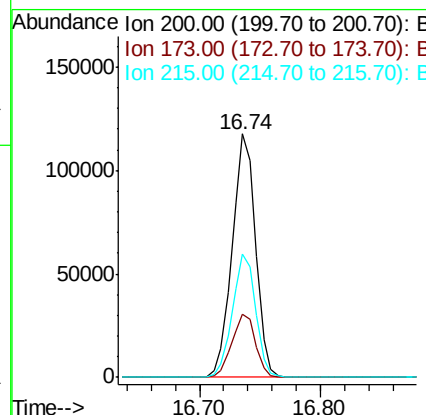
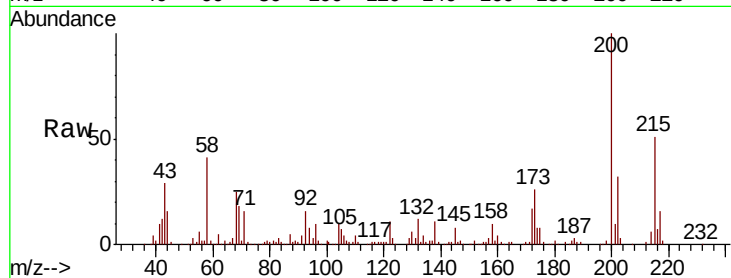
ClientSampleId :

SSTDCCC040

Tot Ion:	200	Resp:	158280
Ion Ratio	Lower	Upper	
200	100		
173	26.2	6.6	46.6
215	50.6	31.0	71.0

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2/20/2020 3:11:49 PM



#70

Pentachlorophenol

Concen: 34.390 ng

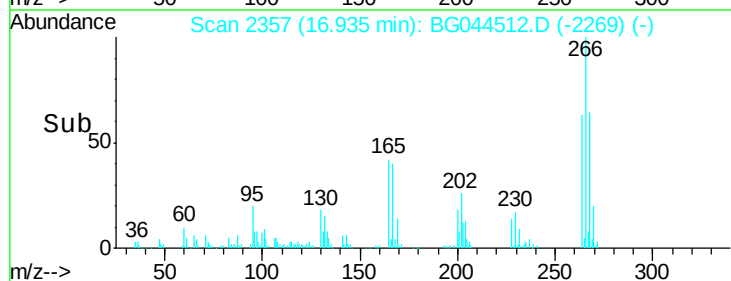
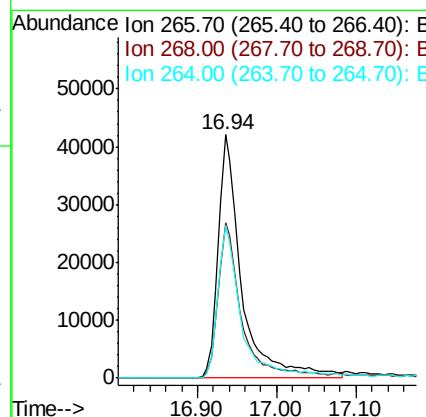
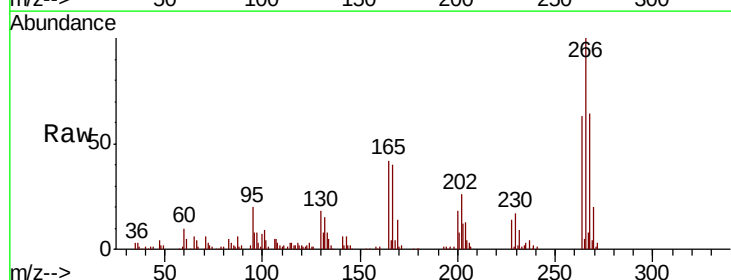
RT: 16.94 min Scan# 2357

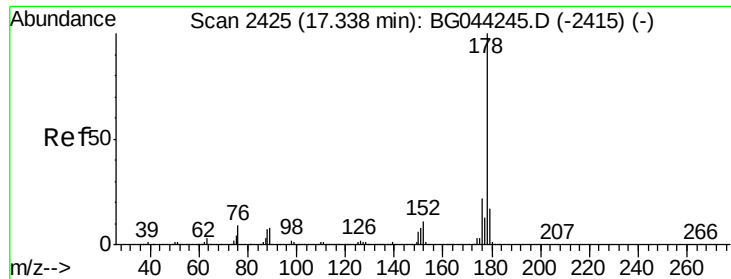
Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:	266	Resp:	86531
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.6	75.8
264	62.8	48.7	73.1





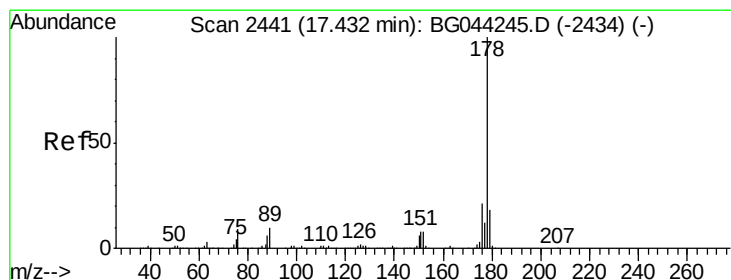
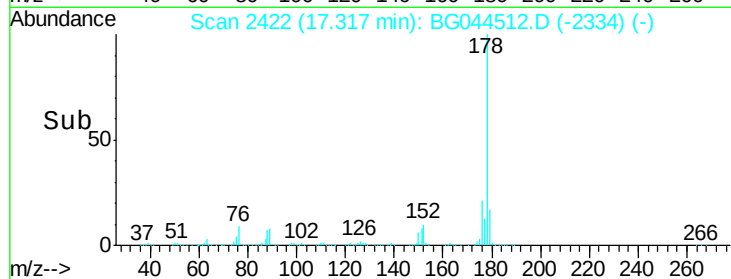
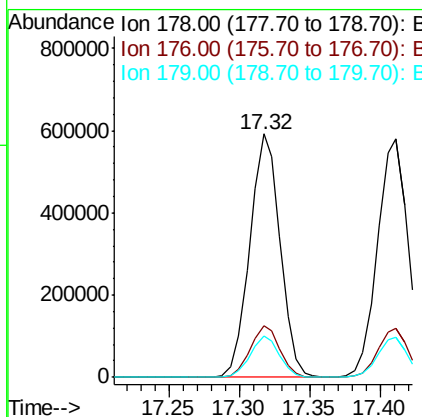
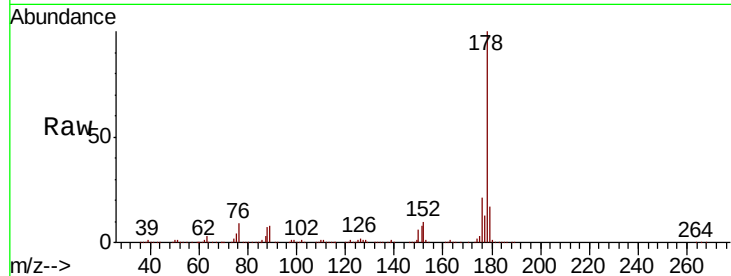
#71
Phenanthrene
Concen: 42.846 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	16.9	13.7	20.5

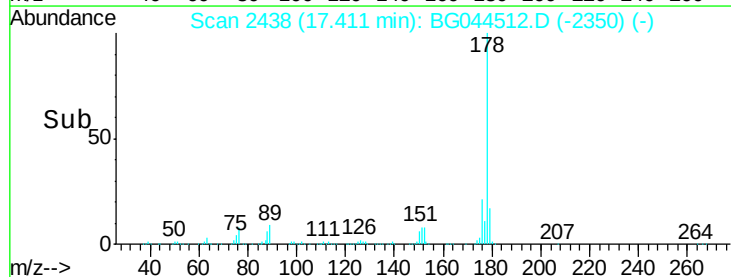
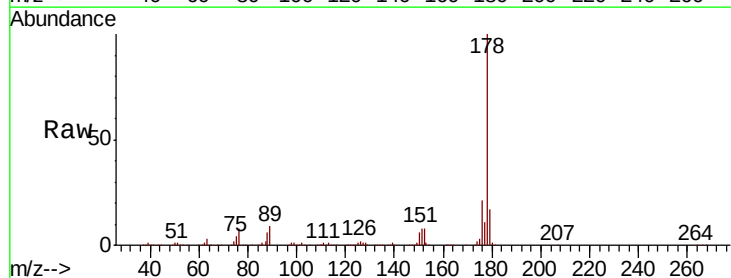
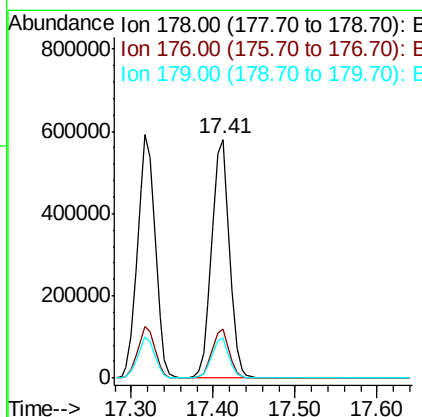
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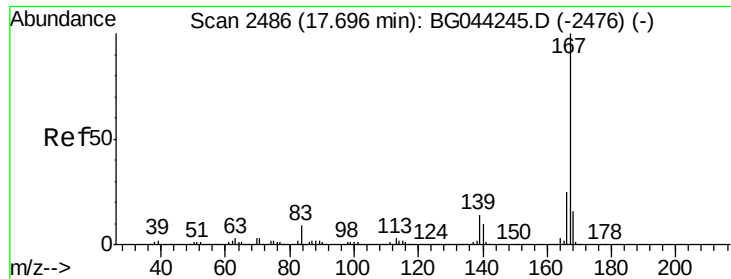
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#72
Anthracene
Concen: 42.664 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.0	25.4
179	16.8	14.4	21.6





#73

Carbazole

Concen: 43.006 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

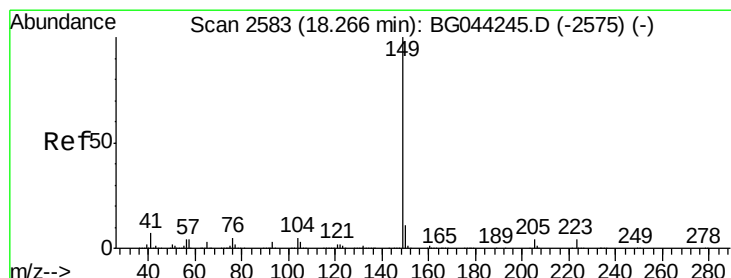
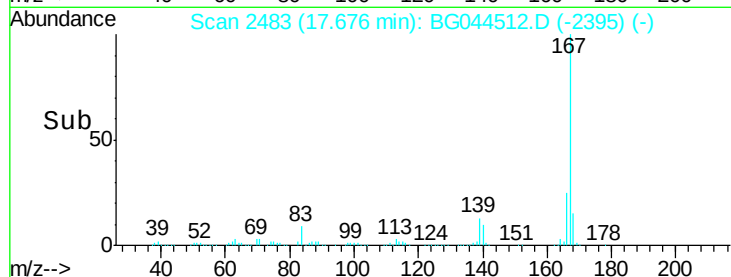
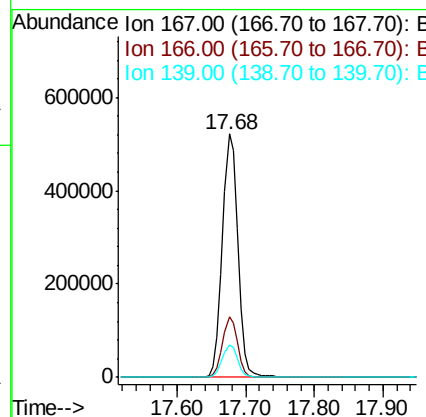
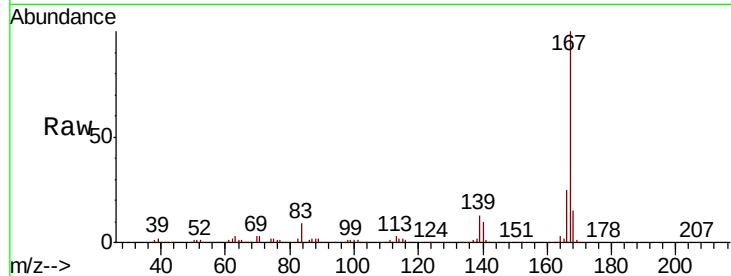
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	818111
Ion Ratio		Lower	Upper
167	100		
166	24.7	19.8	29.6
139	13.2	11.1	16.7

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2/20/2020 3:11:49 PM



#74

Di-n-butylphthalate

Concen: 43.146 ng

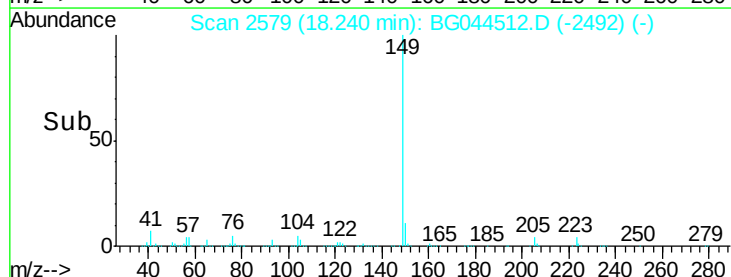
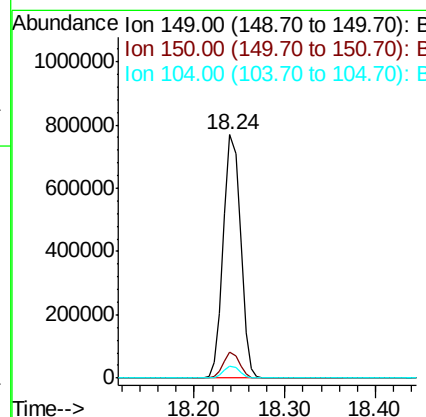
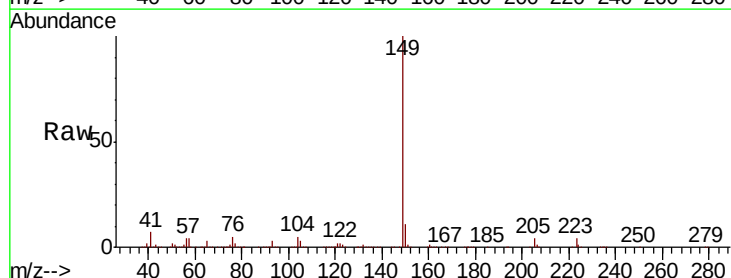
RT: 18.24 min Scan# 2579

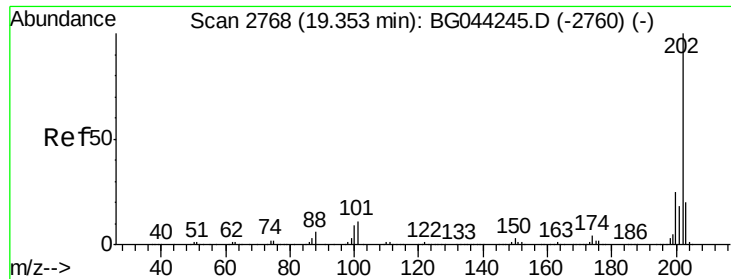
Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:	149	Resp:	1014268
Ion Ratio		Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.0	4.3	6.5





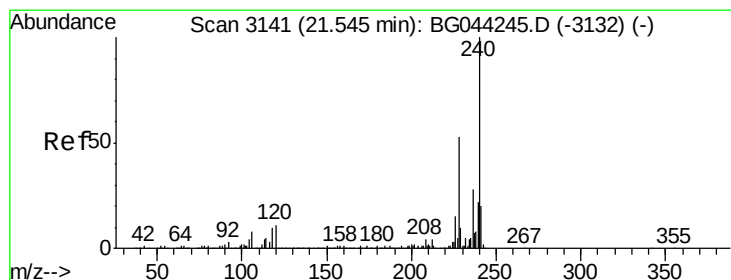
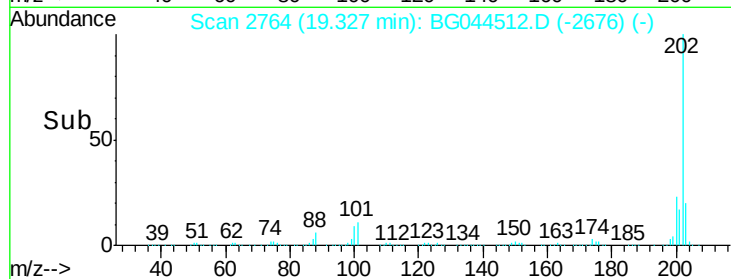
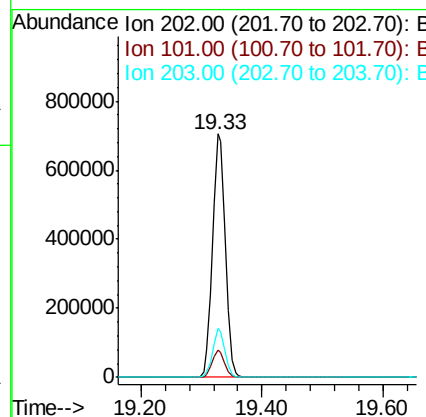
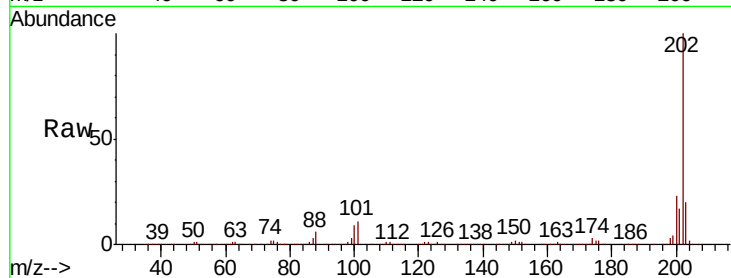
#75
 Fluoranthene
 Concen: 43.139 ng
 RT: 19.33 min Scan# 2764
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	202	Resp:	1041579
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	19.9	0.0	39.9

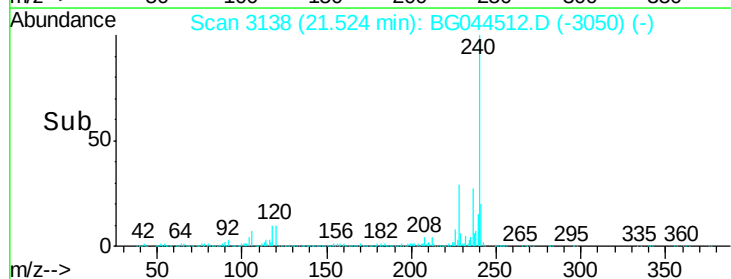
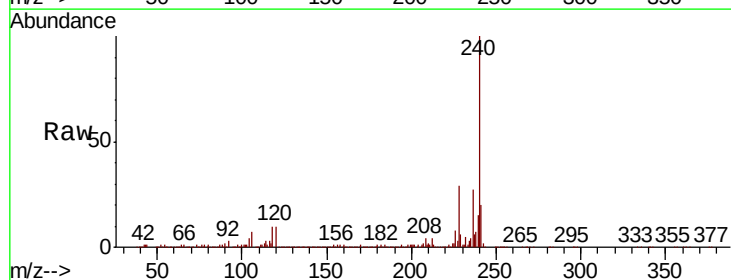
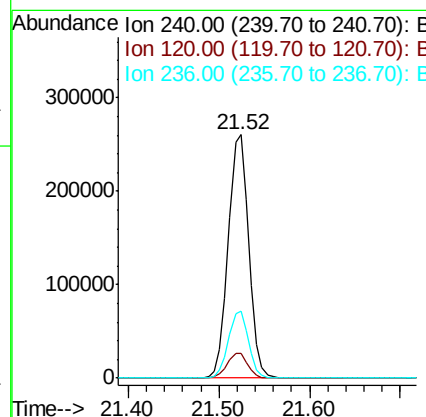
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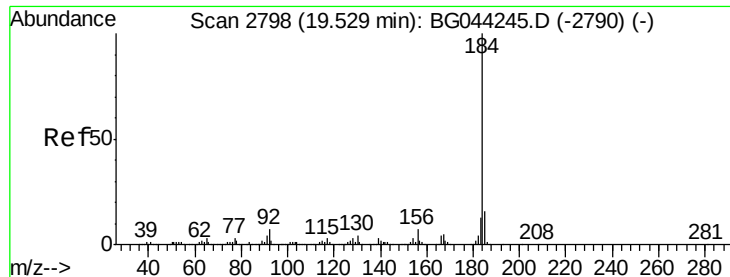
mohammad
 2/20/2020 3:11:49 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion:	240	Resp:	408242
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	27.3	22.1	33.1





#77

Benzidine

Concen: 47.980 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

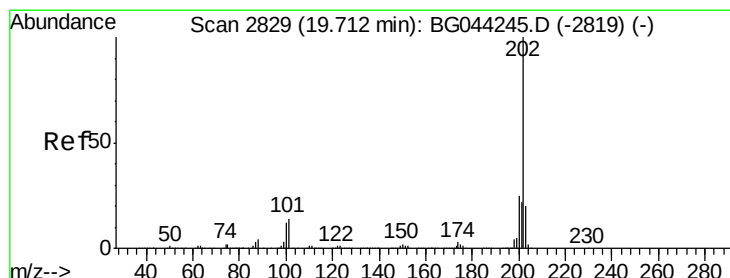
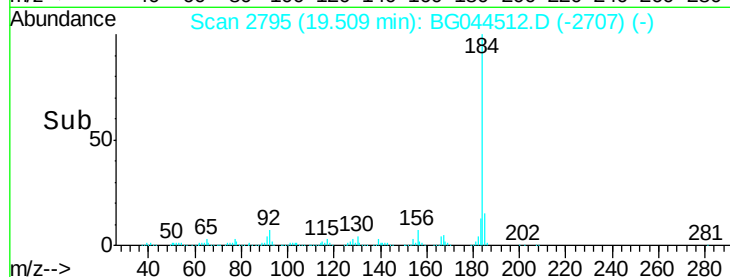
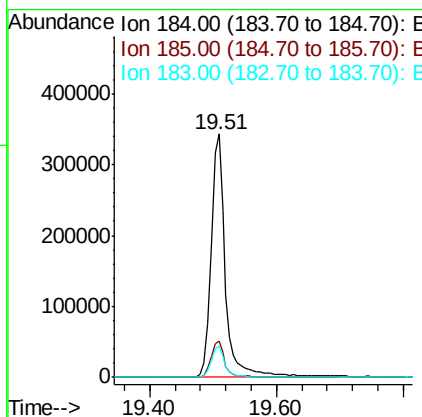
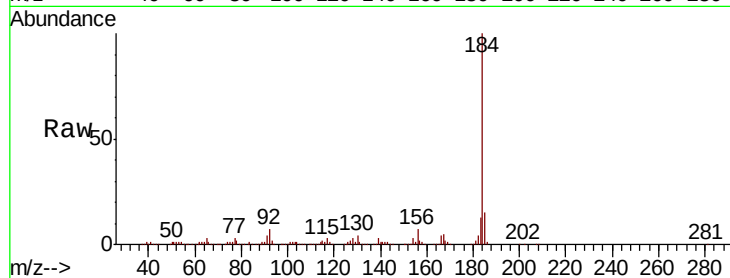
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	13.0	10.8	16.2

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#78

Pyrene

Concen: 40.141 ng

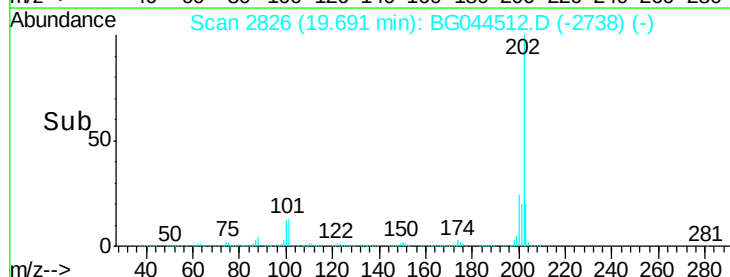
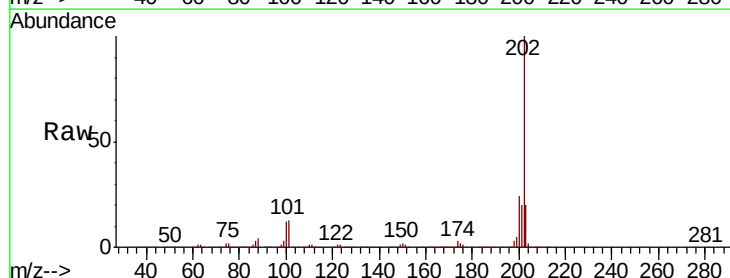
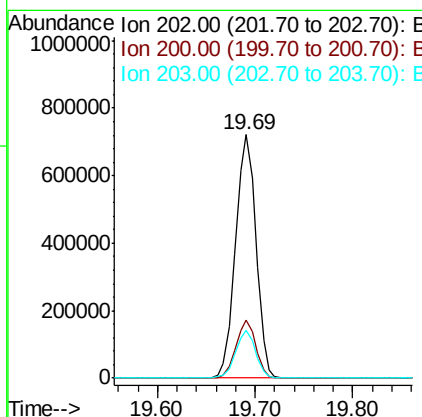
RT: 19.69 min Scan# 2826

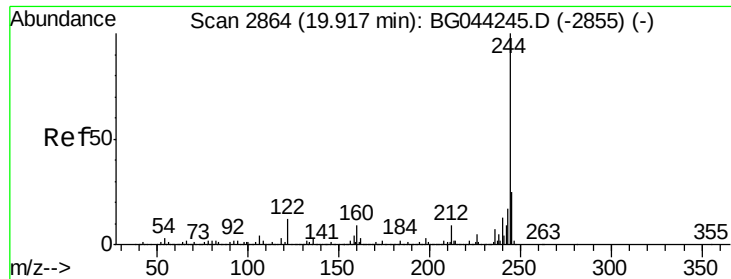
Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.7	20.0	30.0
203	19.8	16.2	24.2





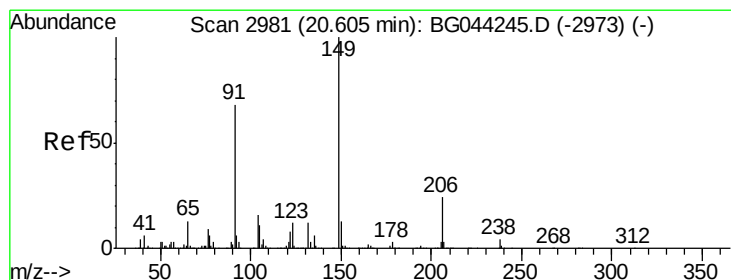
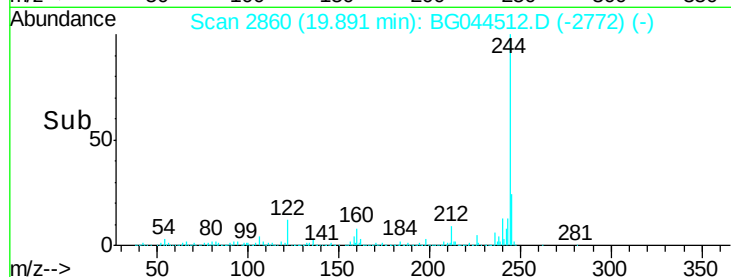
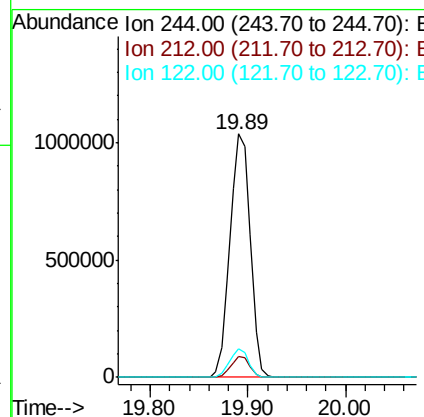
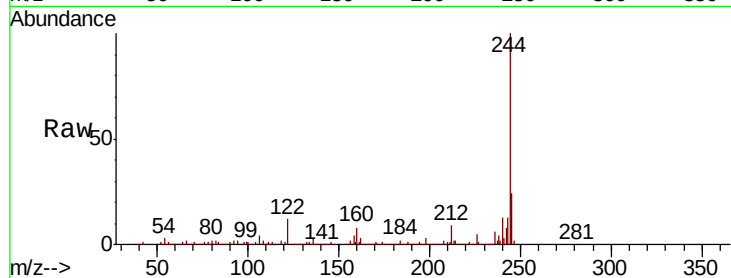
#79
 Terphenyl-d14
 Concen: 75.634 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	12.0	9.8	14.6

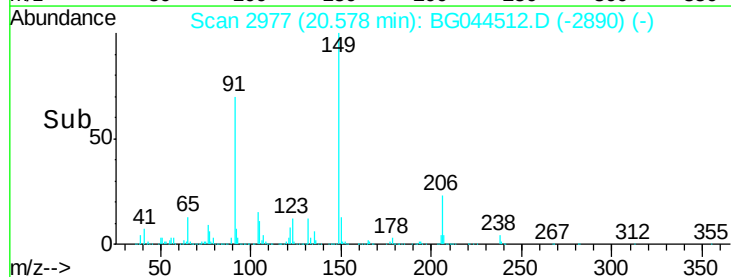
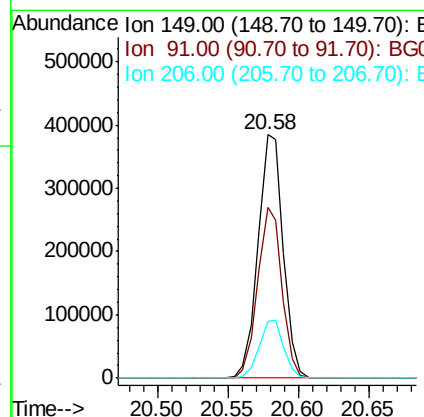
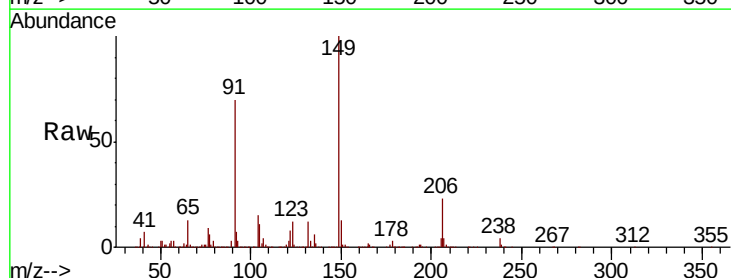
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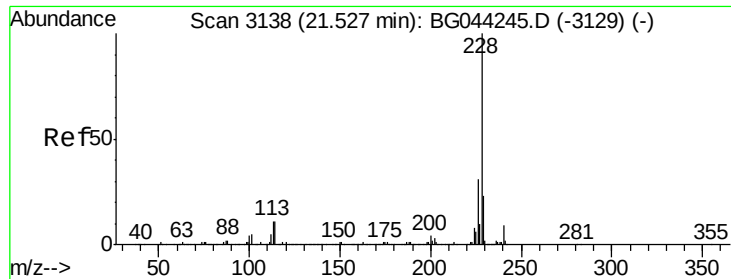
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.297 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	54.5	81.7
206	23.1	19.1	28.7





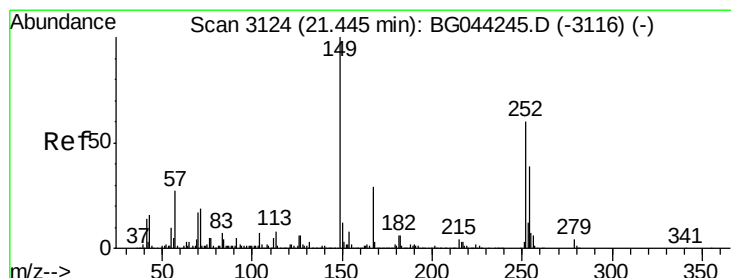
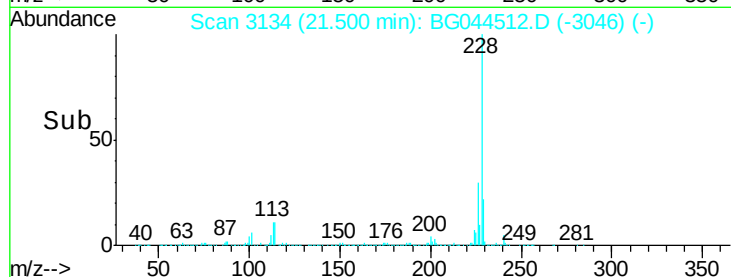
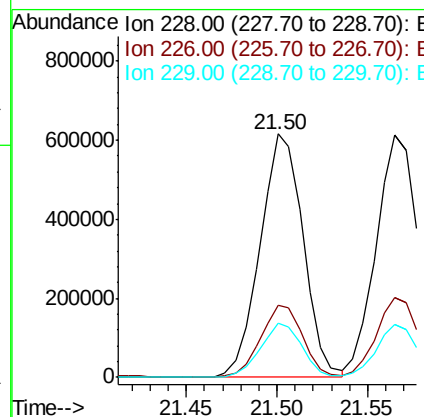
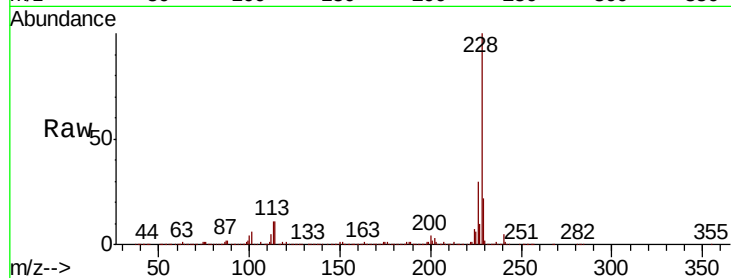
#81
Benzo(a)anthracene
Concen: 40.421 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1017000
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 22.3 18.2 27.4

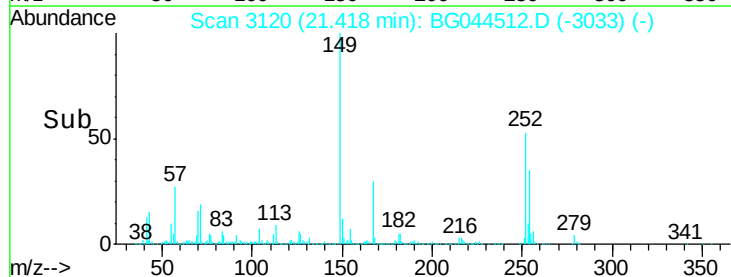
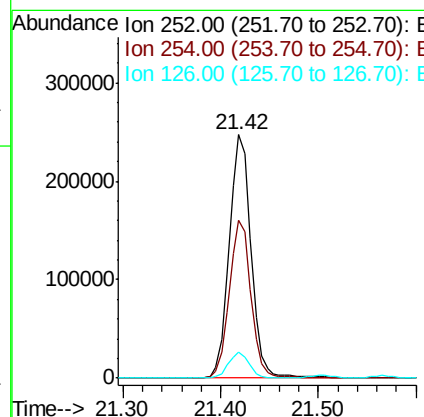
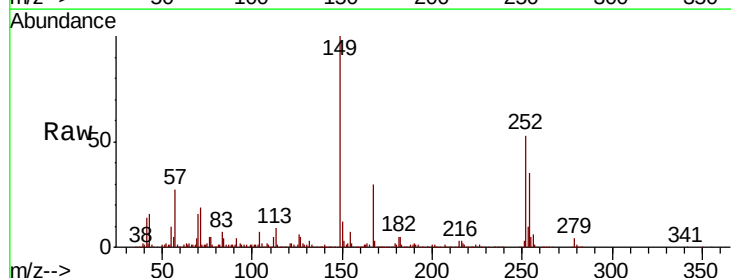
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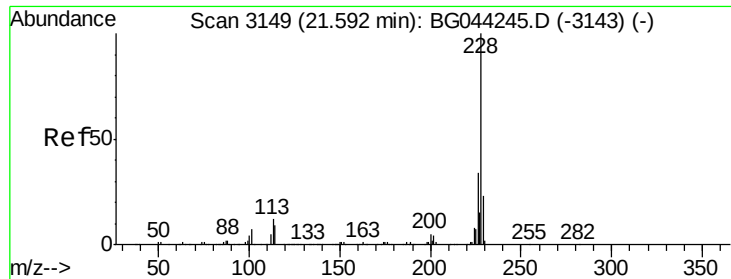
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#82
3,3'-Dichlorobenzidine
Concen: 39.298 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:252 Resp: 383746
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 10.5 8.2 12.4





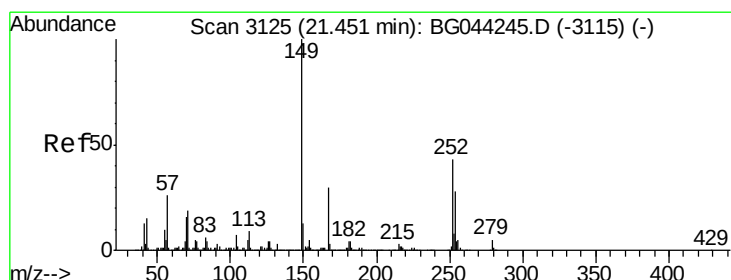
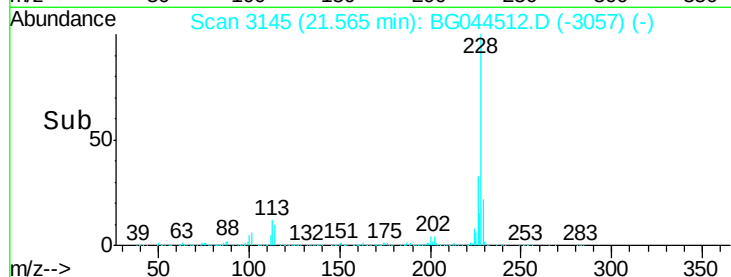
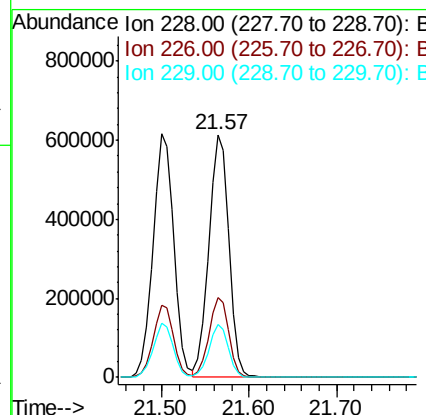
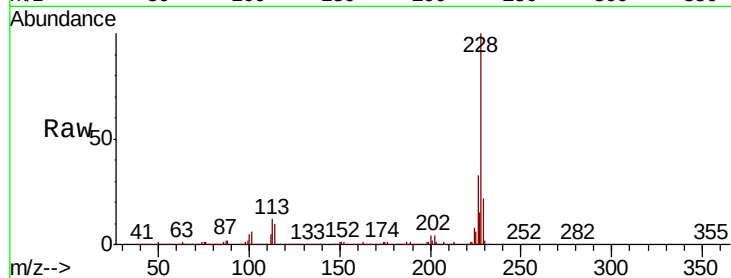
#83
 Chrysene
 Concen: 40.277 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	979522
Ion Ratio	Lower	Upper	
228	100		
226	33.1	27.1	40.7
229	21.6	17.9	26.9

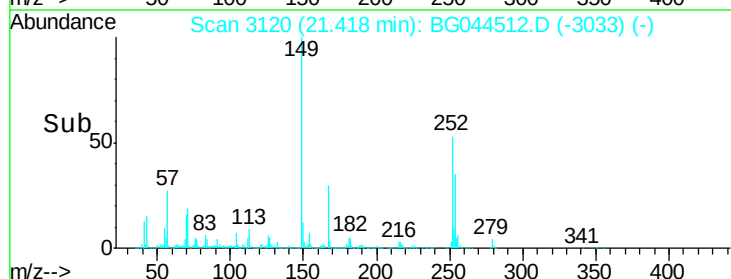
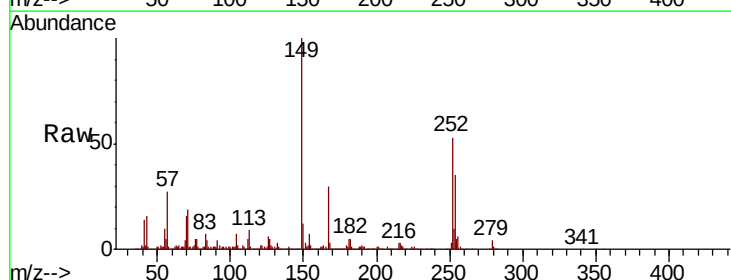
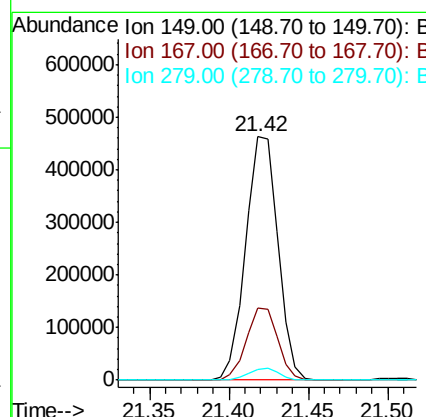
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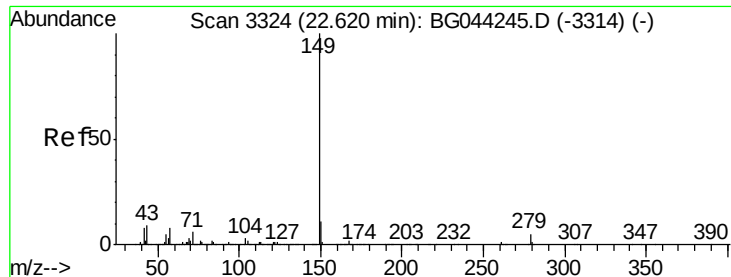
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.682 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion:	149	Resp:	652559
Ion Ratio	Lower	Upper	
149	100		
167	29.6	24.0	36.0
279	4.4	3.8	5.8





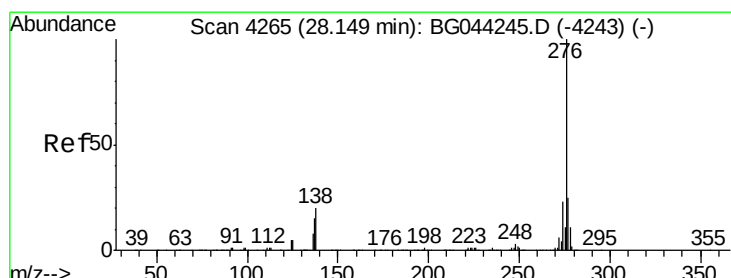
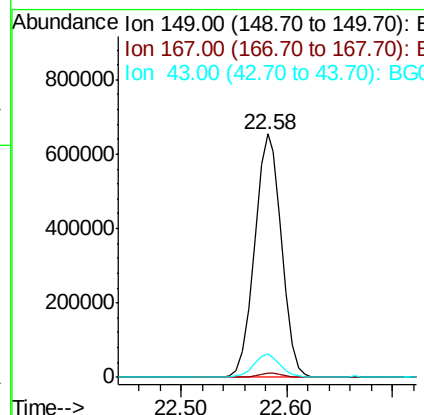
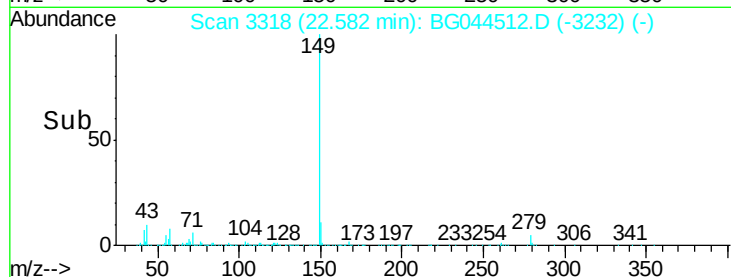
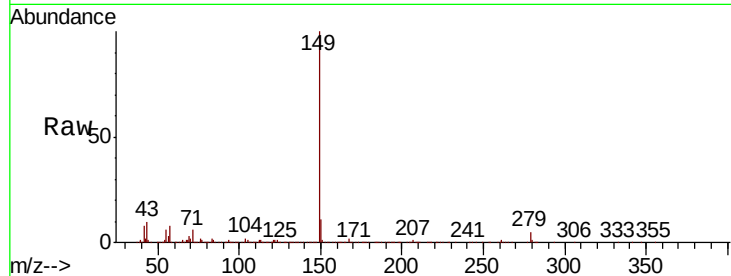
#85
Di-n-octyl phthalate
Concen: 40.507 ng
RT: 22.58 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.2	7.4	11.0

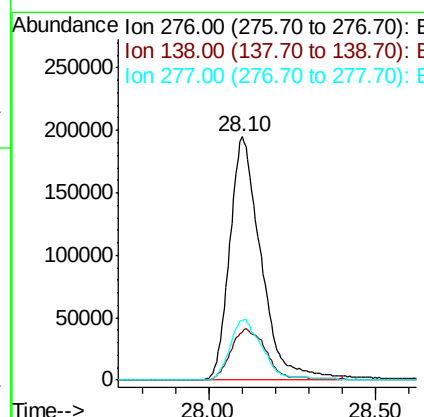
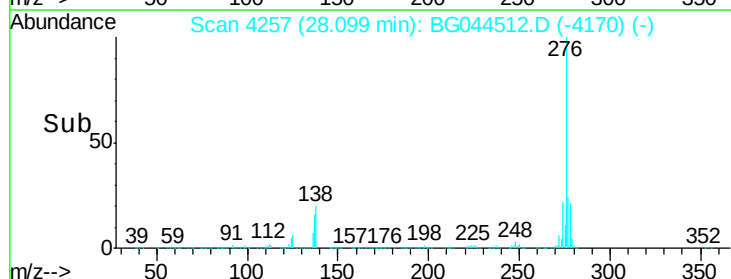
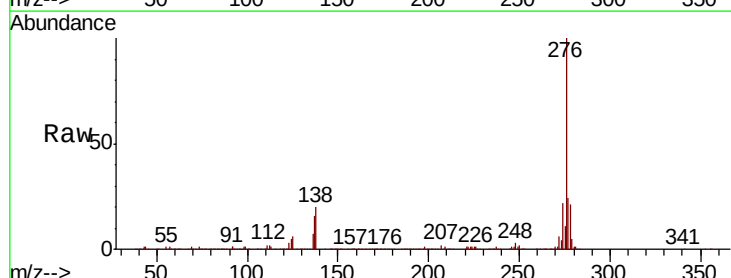
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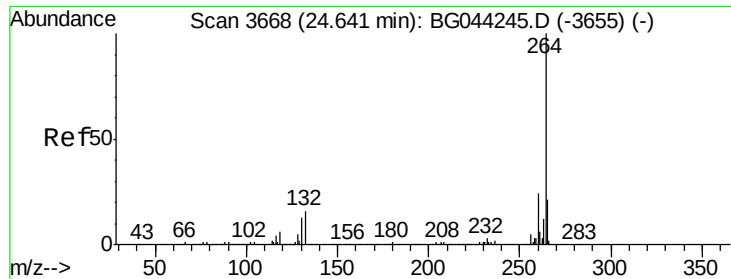
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.028 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.4	29.0
277	26.0	21.0	31.6





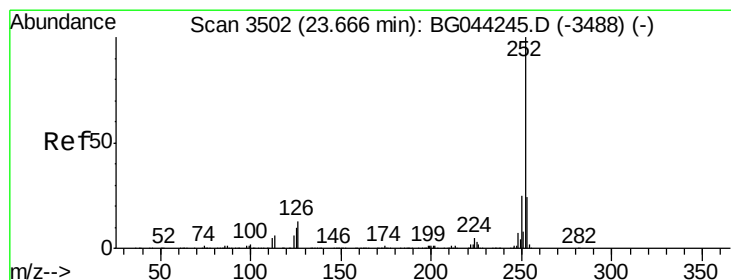
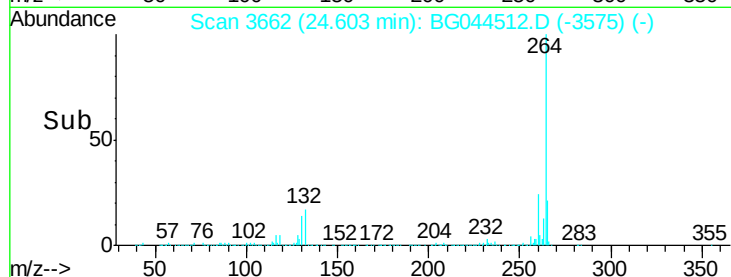
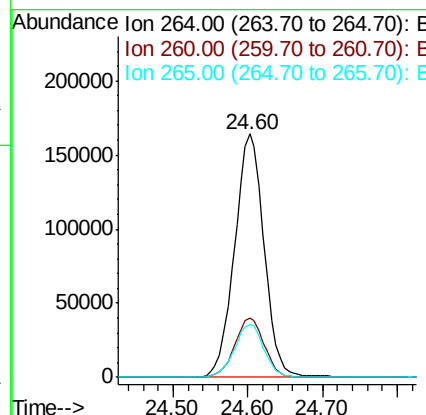
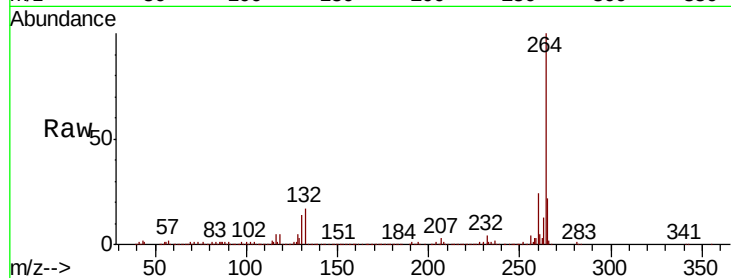
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	16.7	25.1

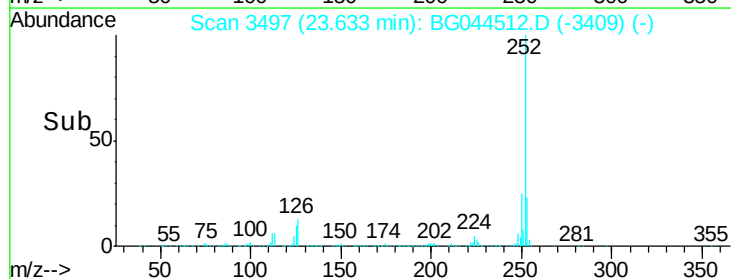
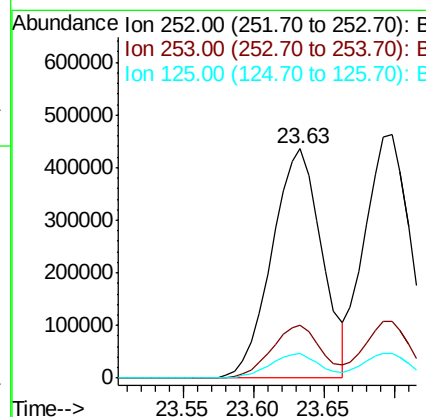
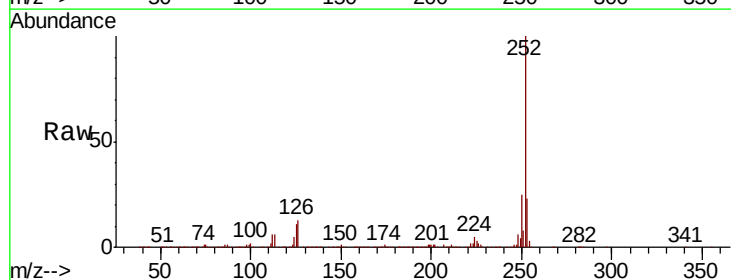
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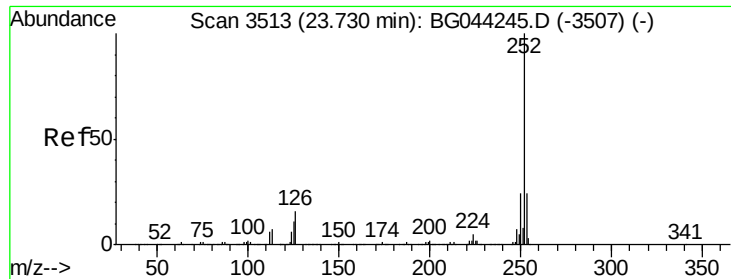
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.560 ng
RT: 23.63 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.5	8.4	12.6





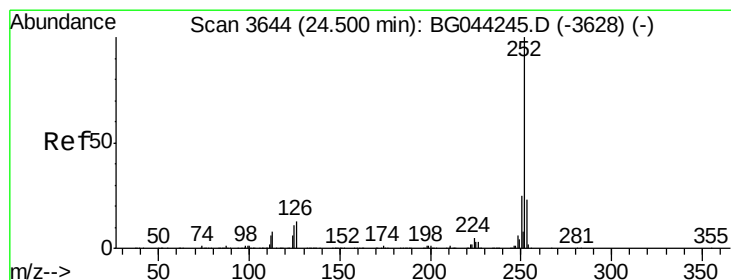
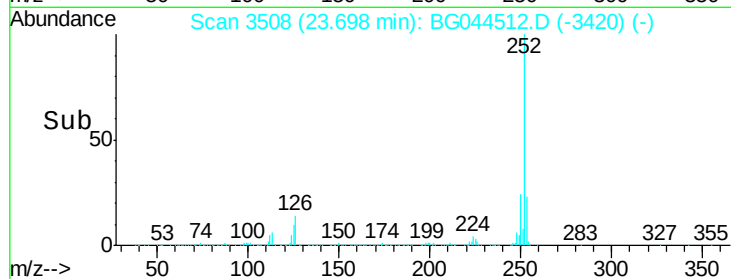
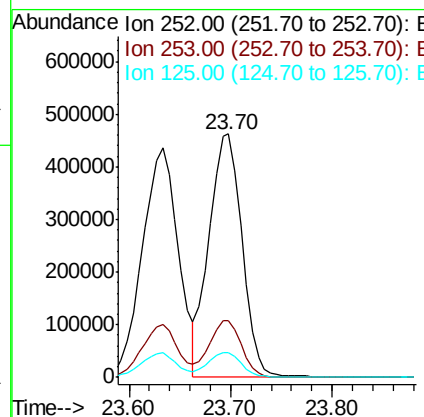
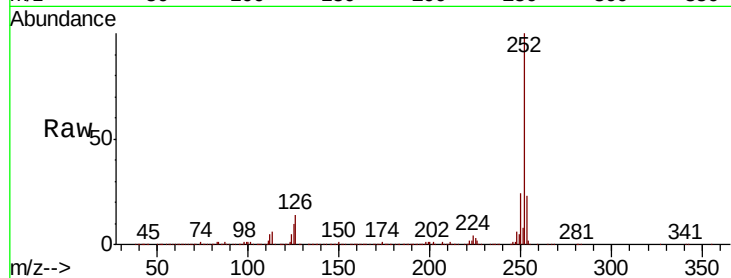
#89
Benzo(k)fluoranthene
Concen: 41.209 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	10.2	8.6	12.8

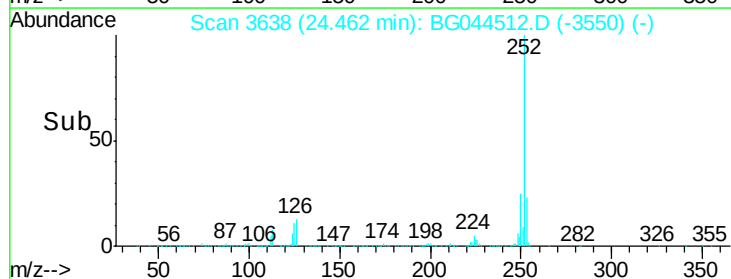
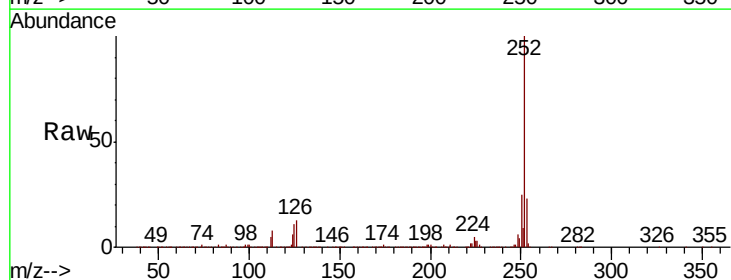
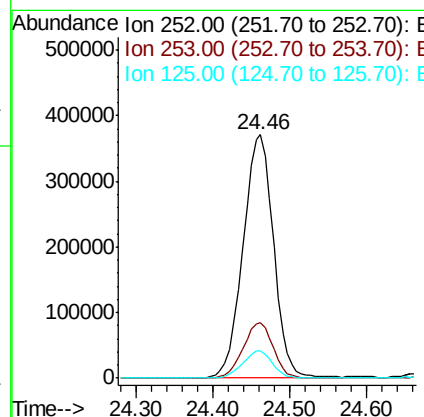
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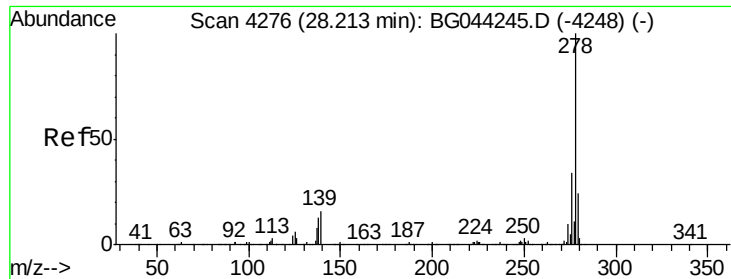
mohammad
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#90
Benzo(a)pyrene
Concen: 41.943 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.3	8.6	13.0





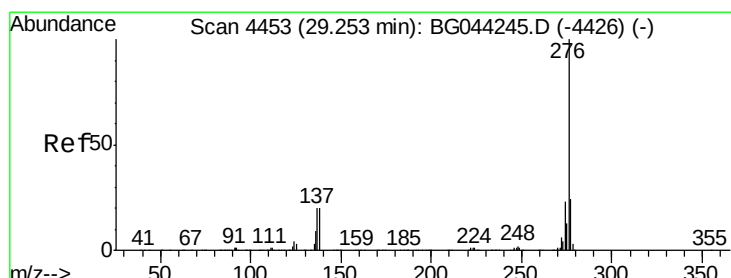
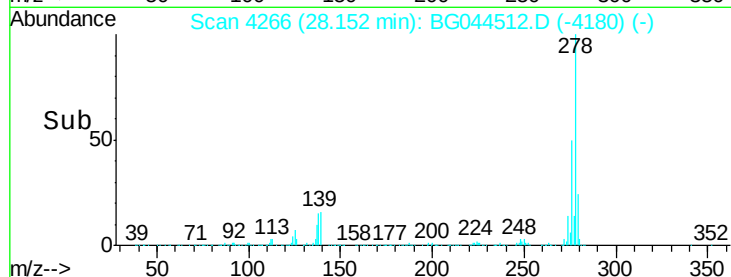
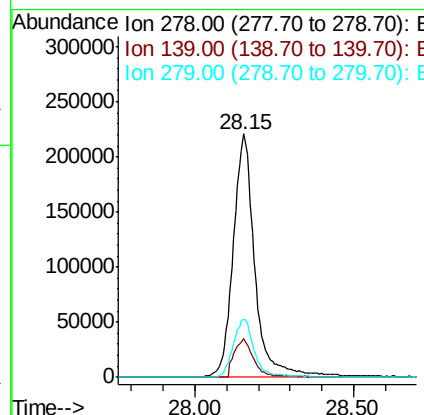
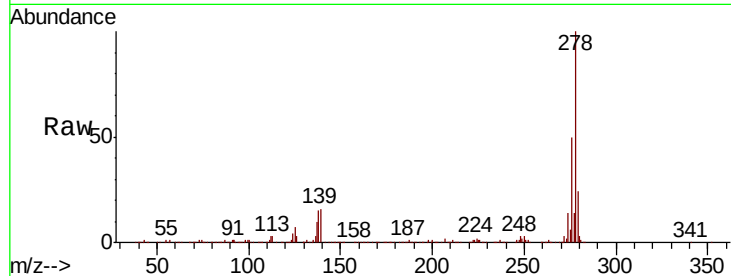
#91
Dibenzo(a,h)anthracene
Concen: 43.385 ng
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	23.9	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 40.723 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.5	16.2	24.2

