

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044445.D
 Acq On : 14 Feb 2020 19:18
 Operator : CG/JU
 Sample : L1525-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Manual Integrations
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 2/17/2020 3:48:37 PM

Quant Time: Feb 17 00:18:46 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	64431	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	265347	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175290	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	410105	20.00	ng	-0.01
76) Chrysene-d12	21.53	240	409466	20.00	ng	-0.01
87) Perylene-d12	24.60	264	443823	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	490737	134.42	ng	0.00
7) Phenol-d6	7.07	99	646423	131.86	ng	0.00
23) Nitrobenzene-d5	9.05	82	381772	81.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	274519	133.40	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	881306	84.19	ng	0.00
79) Terphenyl-d14	19.89	244	1466514	73.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	68575	41.807	ng	99
3) Pyridine	3.75	79	169566	38.801	ng	97
4) n-Nitrosodimethylamine	3.66	42	86338	47.279	ng	97
6) Aniline	7.22	93	165905	27.263	ng	99
8) 2-Chlorophenol	7.47	128	213820	53.291	ng	97
9) Benzaldehyde	7.02	77	90010	32.237	ng	97
10) Phenol	7.10	94	258953	53.372	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	196055	47.265	ng	97
12) 1,3-Dichlorobenzene	7.78	146	224333	46.828	ng	98
13) 1,4-Dichlorobenzene	7.93	146	224452	47.305	ng	99
14) 1,2-Dichlorobenzene	8.25	146	212569	47.398	ng	100
15) Benzyl Alcohol	8.14	79	172748	49.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	254403	45.314	ng	99
17) 2-Methylphenol	8.35	107	178196	51.477	ng	96
18) Hexachloroethane	8.98	117	81652	45.859	ng	97
19) n-Nitroso-di-n-propylamine	8.70	70	153279	46.913	ng	98
20) 3+4-Methylphenols	8.68	107	244518	51.254	ng	99
22) Acetophenone	8.72	105	287430	44.528	ng	98
24) Nitrobenzene	9.09	77	215493	46.964	ng	100
25) Isophorone	9.62	82	421592	48.125	ng	99
26) 2-Nitrophenol	9.81	139	120876	50.770	ng	96
27) 2,4-Dimethylphenol	9.87	122	200484	59.653	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	265943	45.507	ng	99
29) 2,4-Dichlorophenol	10.35	162	210868	51.889	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	210985	45.278	ng	99
31) Naphthalene	10.74	128	620145	48.171	ng	99
32) Benzoic acid	10.04	122	64158	34.596	ng	99
33) 4-Chloroaniline	10.86	127	78268	13.368	ng	97
34) Hexachlorobutadiene	11.04	225	126166	44.002	ng	99
35) Caprolactam	11.62	113	80718m	54.222	ng	
36) 4-Chloro-3-methylphenol	11.99	107	222788	52.289	ng	100
37) 2-Methylnaphthalene	12.35	142	463303	48.470	ng	99
38) 1-Methylnaphthalene	12.58	142	437763	48.577	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	230086	43.880	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	260017	103.346	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	167528	49.429	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	181676	52.480	ng	99
46) 1,1'-Biphenyl	13.36	154	595089	47.065	ng	98
47) 2-Chloronaphthalene	13.41	162	465530	46.269	ng	99
48) 2-Nitroaniline	13.61	65	138584	46.672	ng	97
49) Acenaphthylene	14.26	152	742316	50.302	ng	100
50) Dimethylphthalate	13.99	163	653133	51.835	ng	100
51) 2,6-Dinitrotoluene	14.10	165	138816	49.410	ng	99
52) Acenaphthene	14.60	154	458529	47.937	ng	99
53) 3-Nitroaniline	14.43	138	66606	21.429	ng	98
54) 2,4-Dinitrophenol	14.65	184	157559	93.250	ng	99
55) Dibenzofuran	14.93	168	717339	49.532	ng	98
56) 4-Nitrophenol	14.76	139	259287	113.882	ng	97
57) 2,4-Dinitrotoluene	14.90	165	197747	50.219	ng	99
58) Fluorene	15.59	166	575611	50.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	162478	51.961	ng	99
60) Diethylphthalate	15.36	149	625464	49.817	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	298677	48.292	ng	97
62) 4-Nitroaniline	15.60	138	141915	45.693	ng	96
63) Azobenzene	15.87	77	550226	50.003	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	123764	54.672	ng	95
66) n-Nitrosodiphenylamine	15.79	169	543575	47.296	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	200463	44.866	ng	97
68) Hexachlorobenzene	16.60	284	223473	44.644	ng	100
69) Atrazine	16.74	200	219441	55.707	ng	99
70) Pentachlorophenol	16.94	266	240189	94.303	ng	97
71) Phenanthrene	17.32	178	956026	48.141	ng	99
72) Anthracene	17.41	178	982913	50.063	ng	99
73) Carbazole	17.68	167	927315	51.233	ng	100
74) Di-n-butylphthalate	18.25	149	1142197	51.066	ng	99
75) Fluoranthene	19.33	202	1200264	52.247	ng	99
77) Benzidine	19.51	184	473529	41.693	ng	98
78) Pyrene	19.69	202	1212449	46.108	ng	99
80) Butylbenzylphthalate	20.59	149	541864	45.218	ng	99
81) Benzo(a)anthracene	21.51	228	1165154	46.171	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	211277	21.571	ng	97
83) Chrysene	21.57	228	1106701	45.370	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	770065	46.687	ng	99
85) Di-n-octyl phthalate	22.59	149	1344584	47.115	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1441084	45.283	ng	100
88) Benzo(b)fluoranthene	23.63	252	1239836	48.479	ng	99
89) Benzo(k)fluoranthene	23.70	252	1215489	48.764	ng	100
90) Benzo(a)pyrene	24.46	252	1143456	47.288	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1190728	49.757	ng	99
92) Benzo(g,h,i)perylene	29.19	276	1218897	50.880	ng	98

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

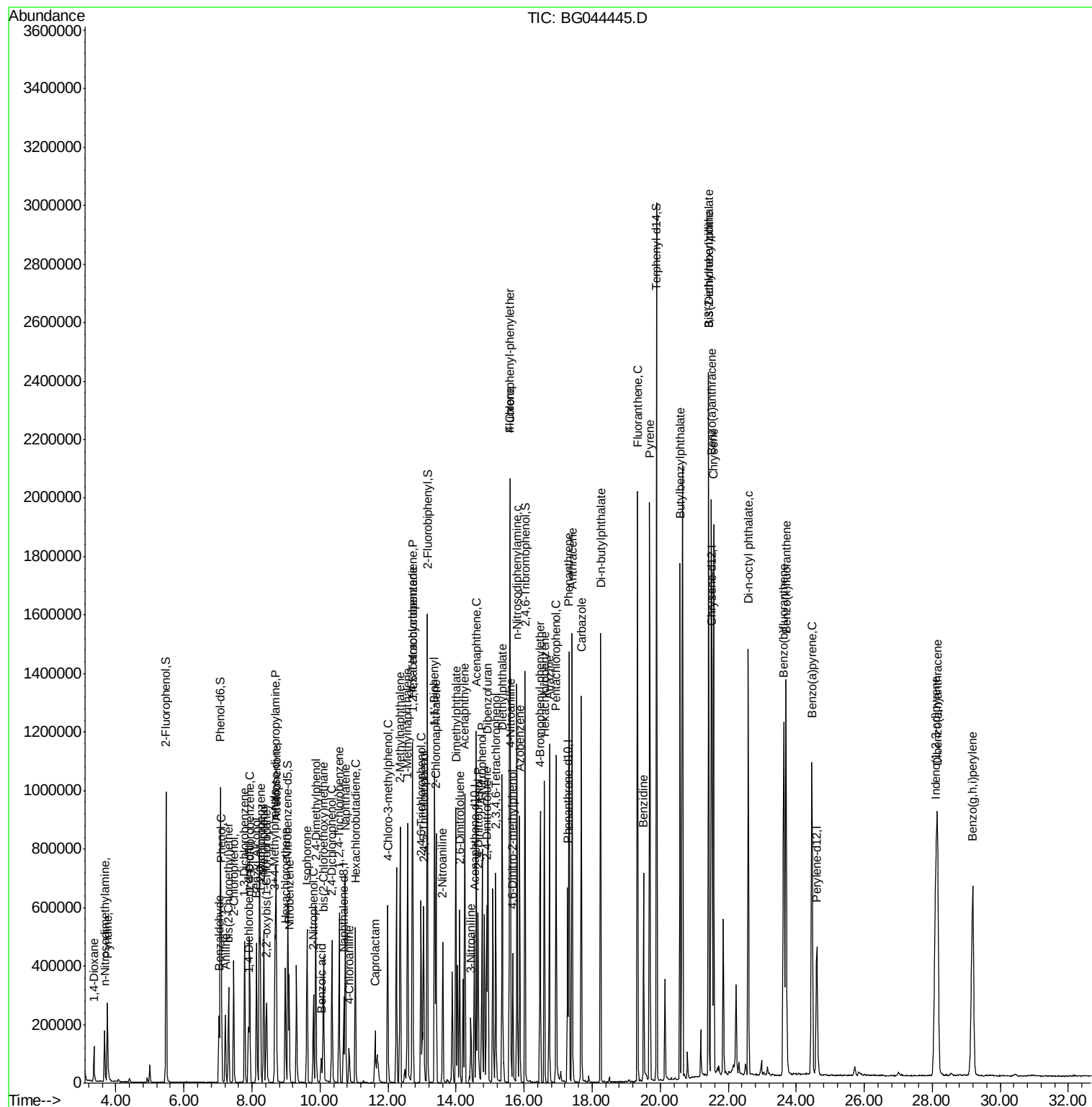
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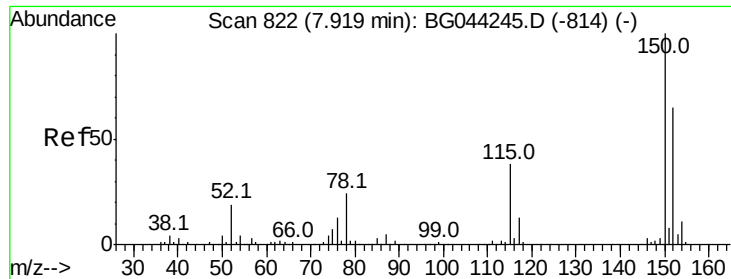
Instrument :
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#1

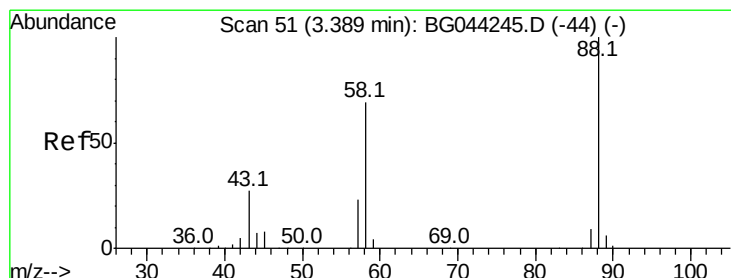
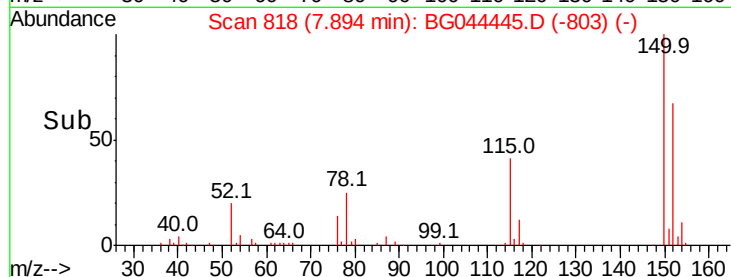
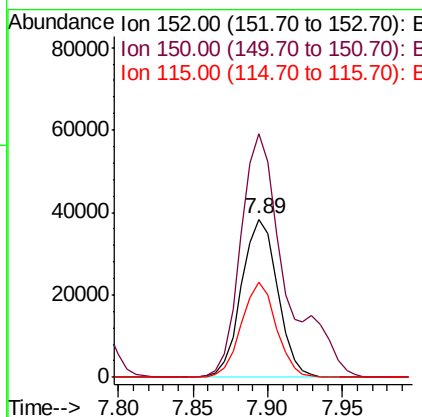
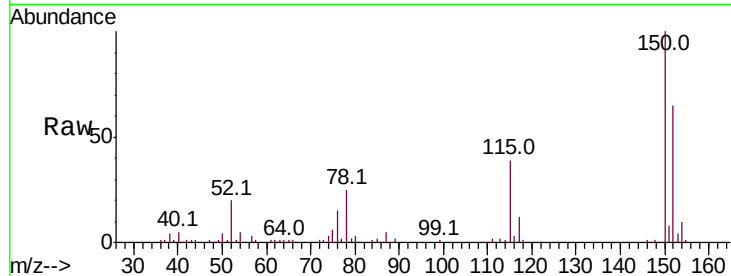
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.6	183.8
115	60.4	46.0	69.0

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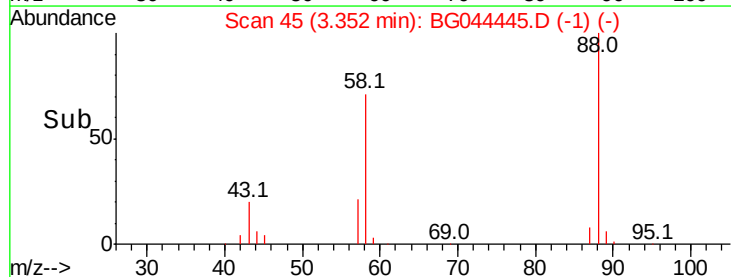
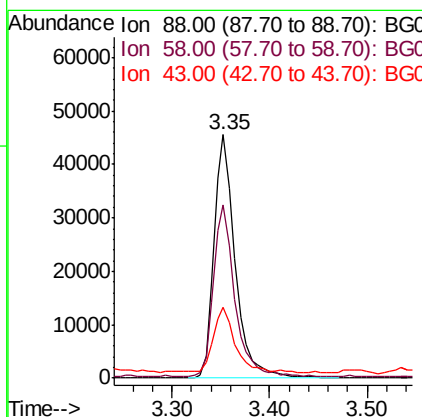
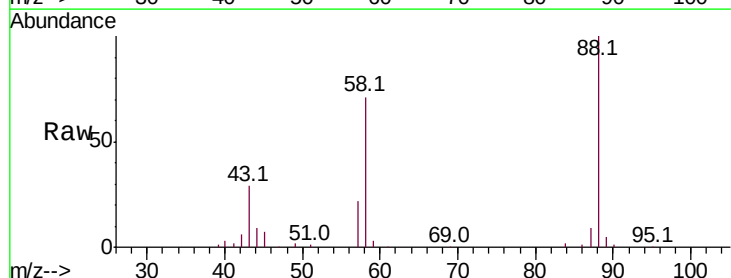
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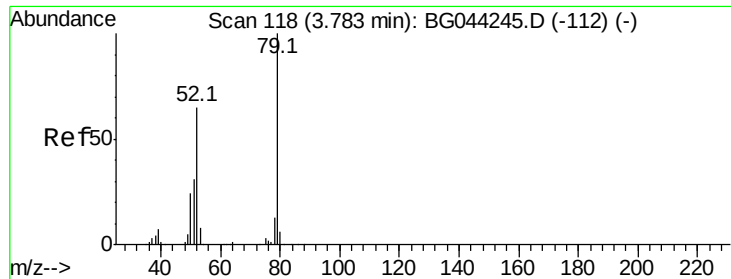


#2

1,4-Dioxane
Concen: 41.807 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.8	83.6
43	27.8	21.6	32.4





#3

Pvridine

Concen: 38.801 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

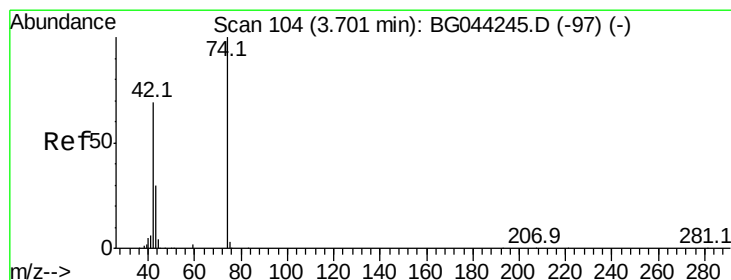
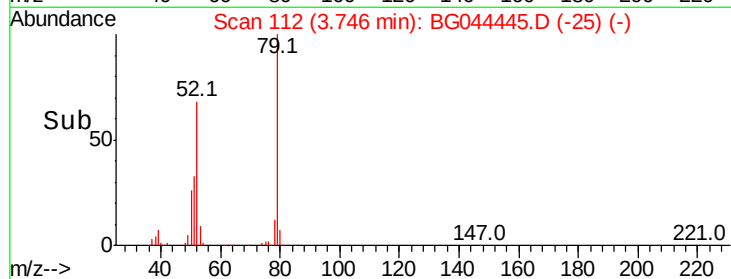
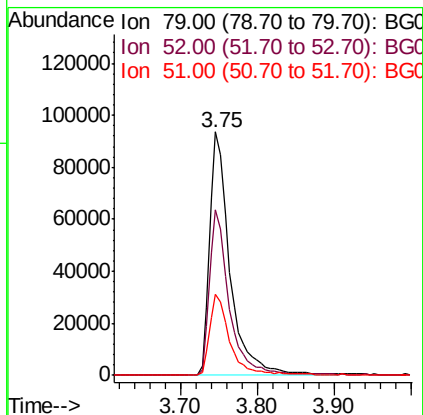
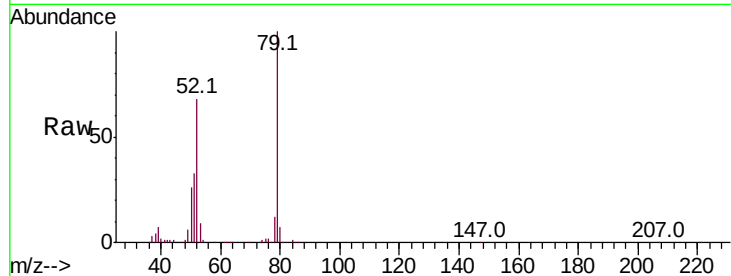
ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion:	79	Resp:	169566
Ion Ratio	Lower	Upper	
79	100		
52	67.8	51.9	77.9
51	33.1	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 47.279 ng

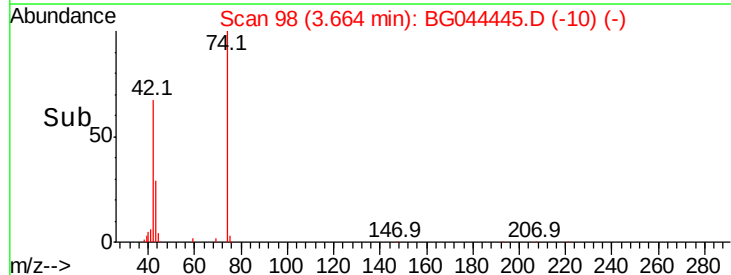
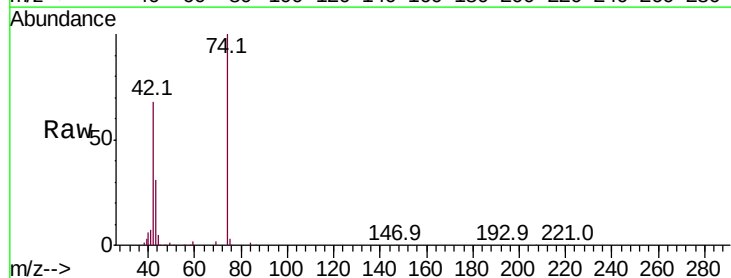
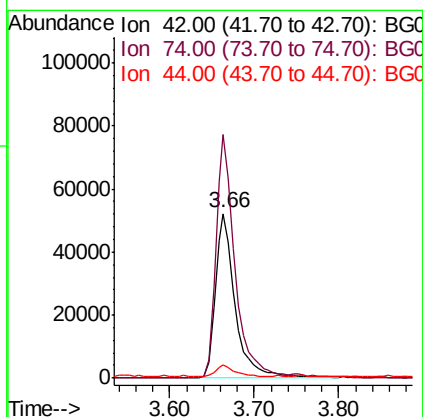
RT: 3.66 min Scan# 98

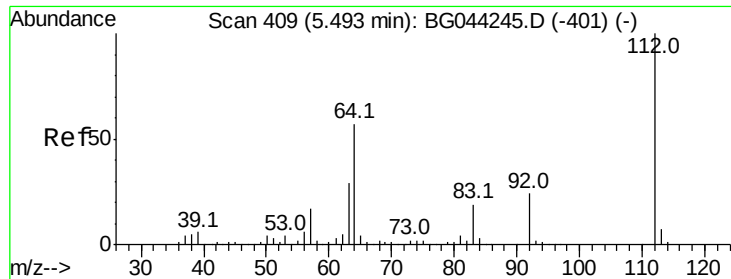
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	42	Resp:	86338
Ion Ratio	Lower	Upper	
42	100		
74	148.1	115.1	172.7
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 134.419 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

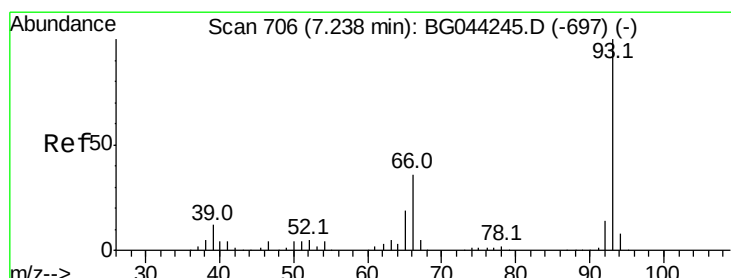
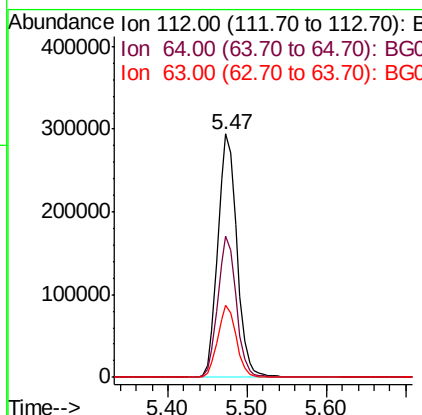
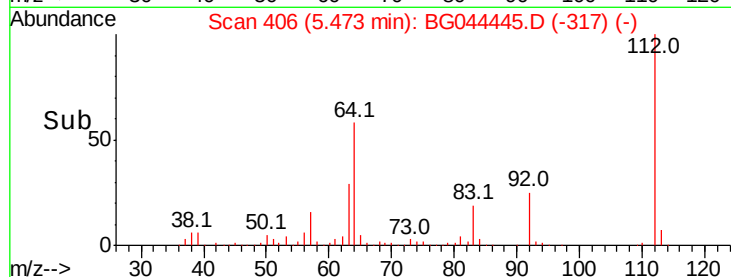
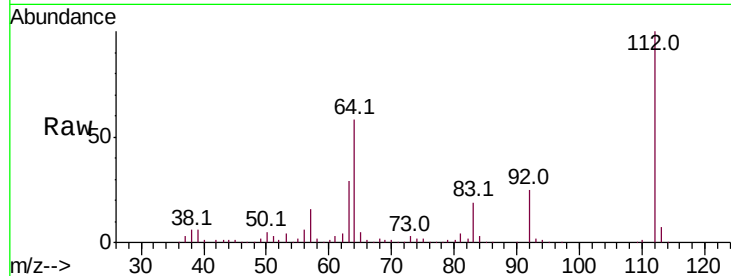
ClientSampleId :

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Tot Ion:	112	Resp:	490737
Ion Ratio	Lower	Upper	
112	100		
64	58.1	45.4	68.2
63	29.4	22.9	34.3

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#6

Aniline

Concen: 27.263 ng

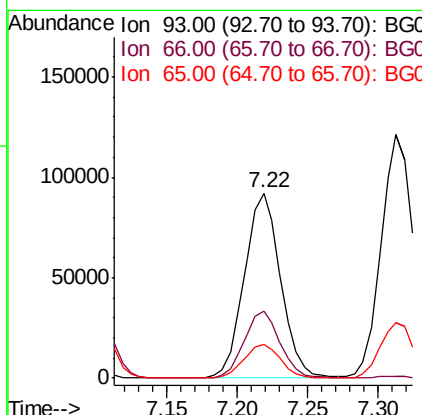
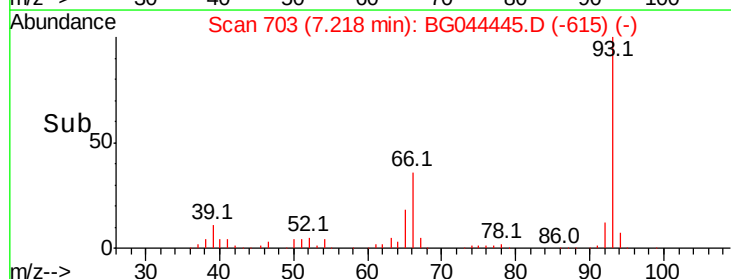
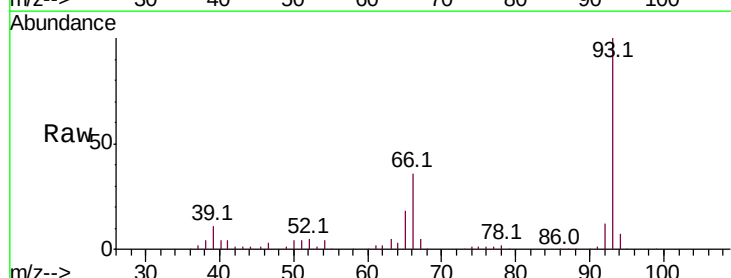
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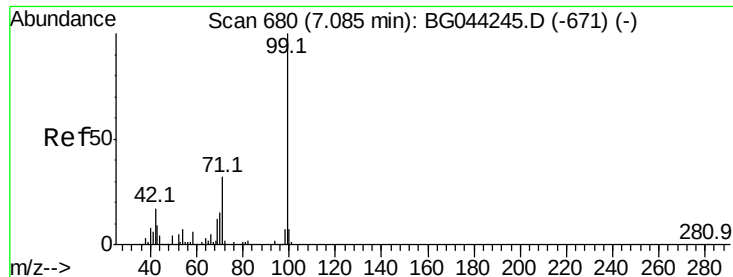
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	93	Resp:	165905
Ion Ratio	Lower	Upper	
93	100		
66	36.4	28.7	43.1
65	18.5	15.4	23.0





#7

Phenol-d6

Concen: 131.856 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

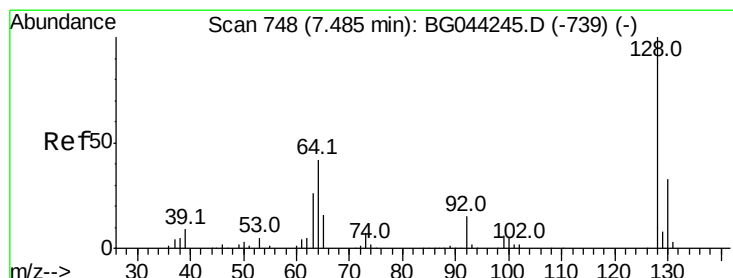
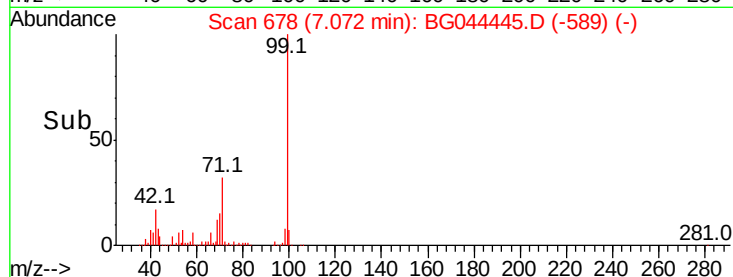
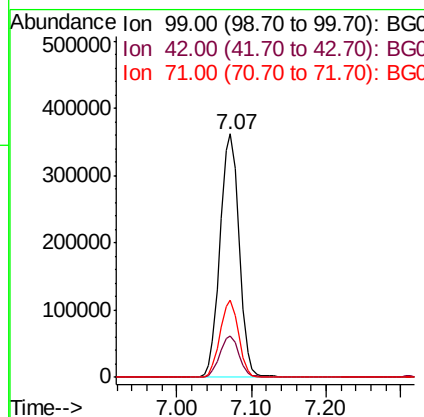
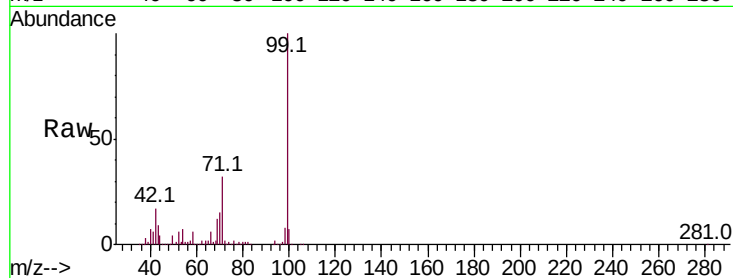
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Tot Ion:	99	Resp:	646423
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	31.9	25.5	38.3

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#8

2-Chlorophenol

Concen: 53.291 ng

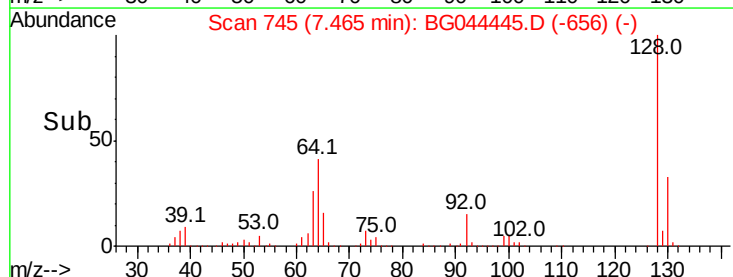
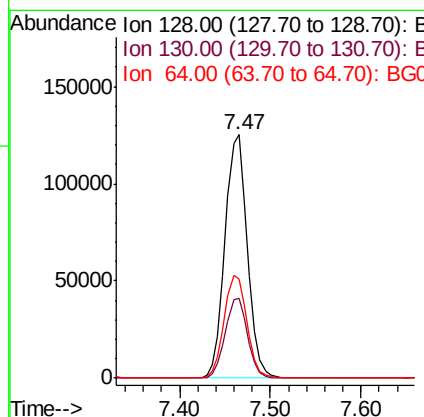
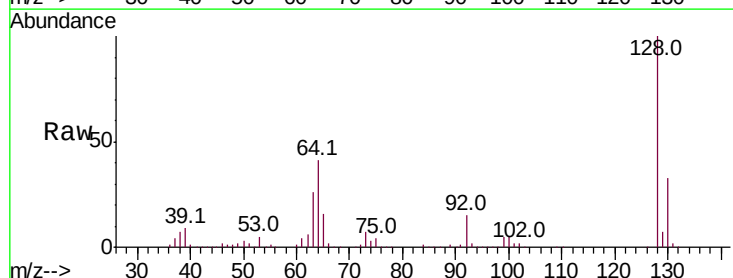
RT: 7.47 min Scan# 745

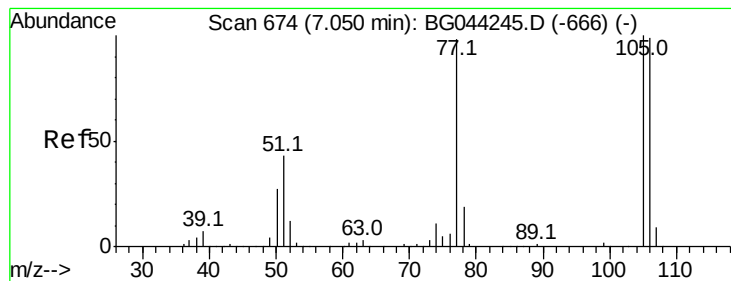
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	128	Resp:	213820
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.5	52.5
64	40.9	24.2	64.2





#9

Benzaldehyde

Concen: 32.237 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

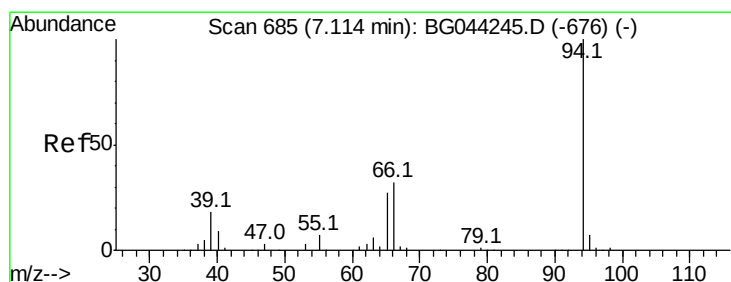
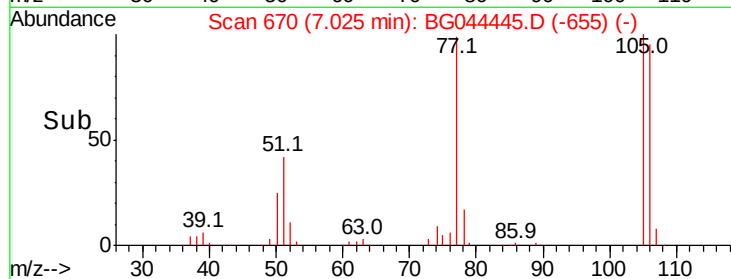
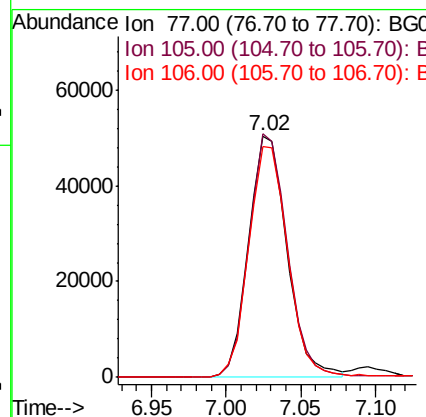
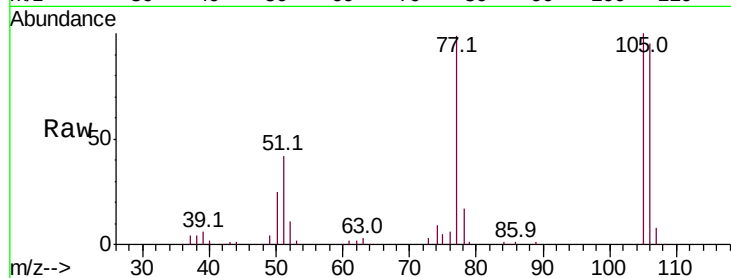
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Tot Ion:	77	Resp:	90010
Ion	Ratio	Lower	Upper
77	100		
105	101.0	82.0	122.0
106	95.8	80.7	120.7

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#10

Phenol

Concen: 53.372 ng

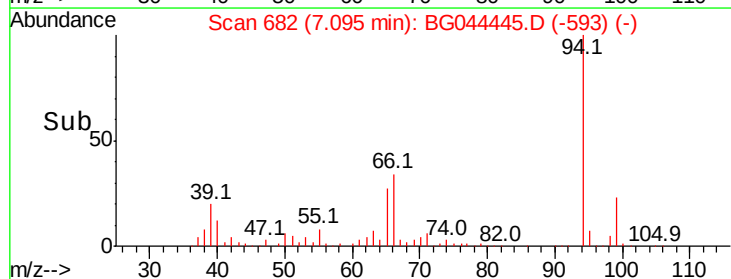
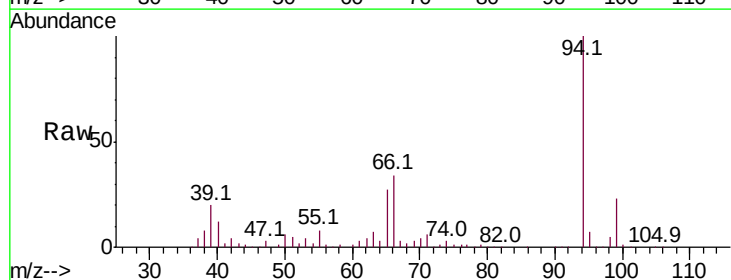
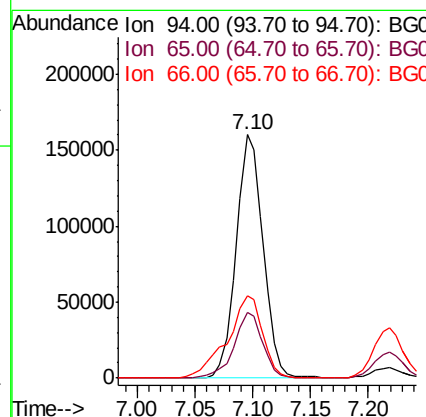
RT: 7.10 min Scan# 682

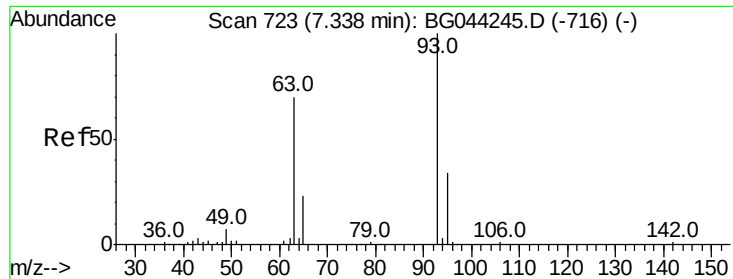
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	94	Resp:	258953
Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.0	47.0
66	33.8	12.7	52.7





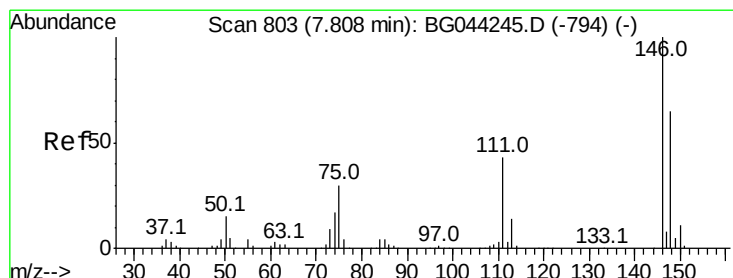
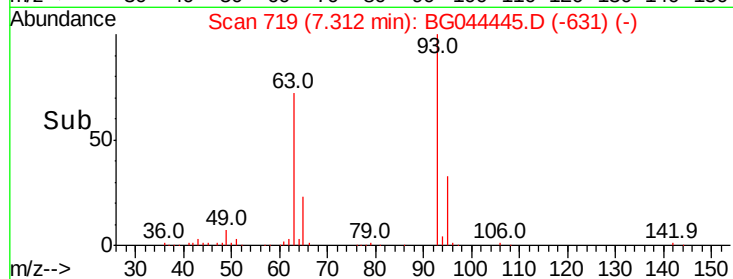
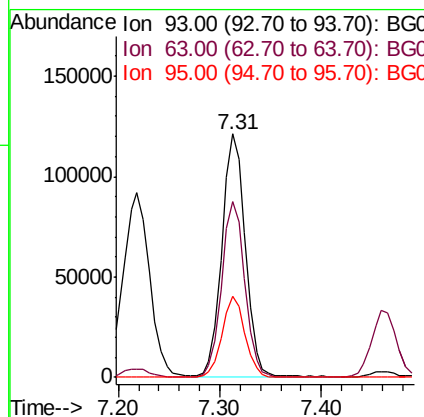
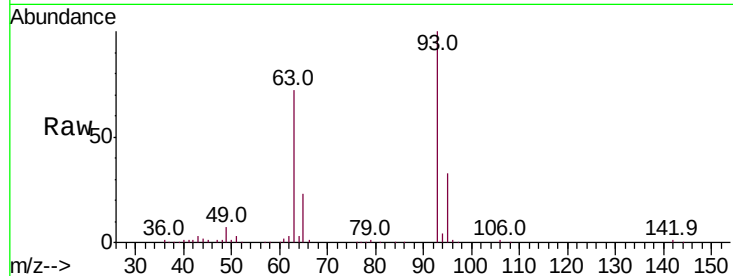
#11
bis(2-Chloroethyl)ether
Concen: 47.265 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	49.2	89.2
95	33.2	13.6	53.6

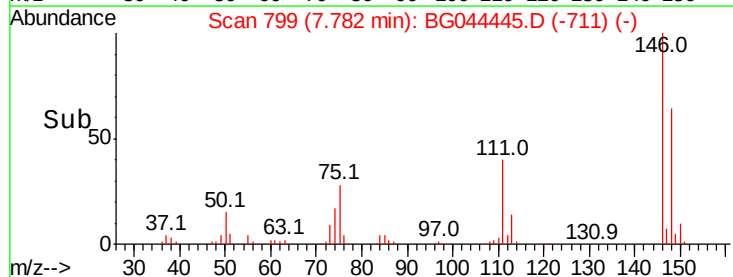
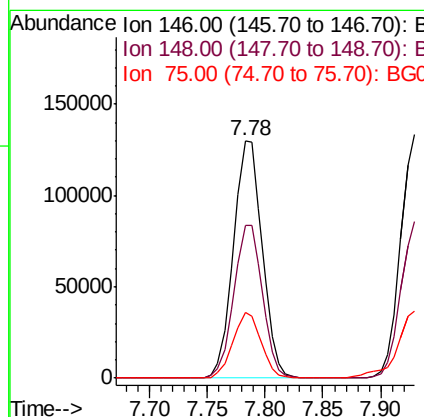
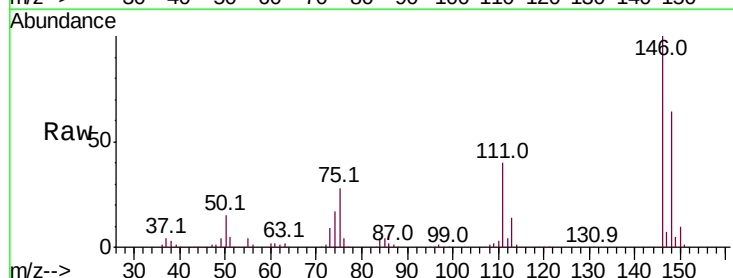
Manual Integrations
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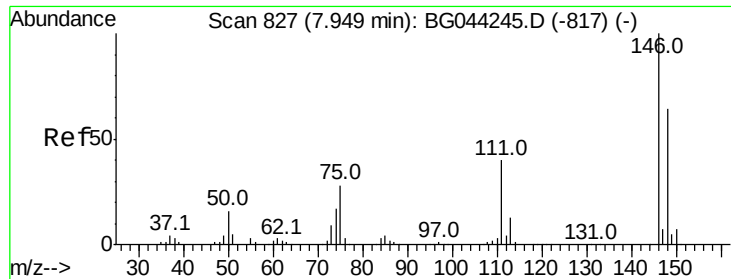
mohammad
2/17/2020 3:48:37 PM



#12
1,3-Dichlorobenzene
Concen: 46.828 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	27.7	23.7	35.5





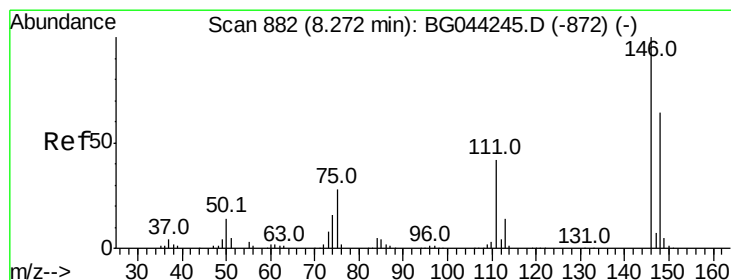
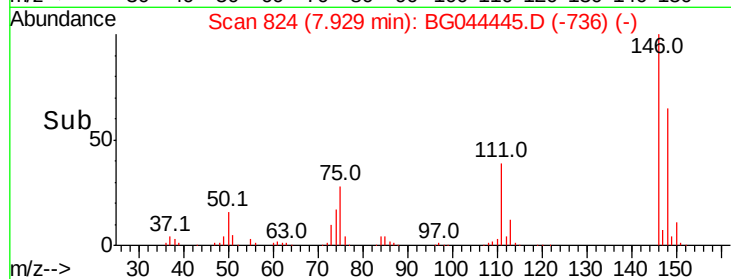
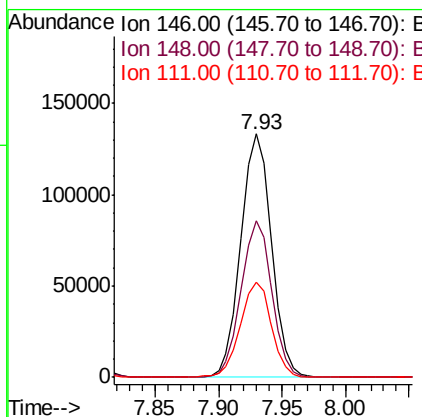
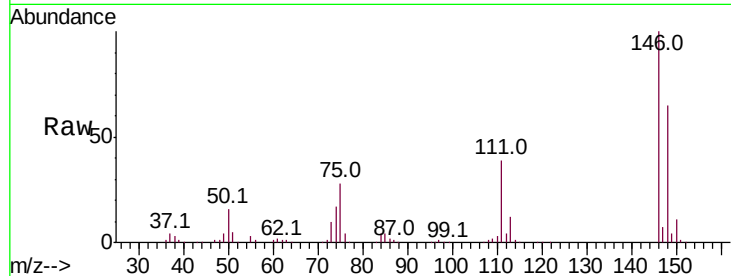
#13
 1,4-Dichlorobenzene
 Concen: 47.305 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	39.1	31.8	47.8

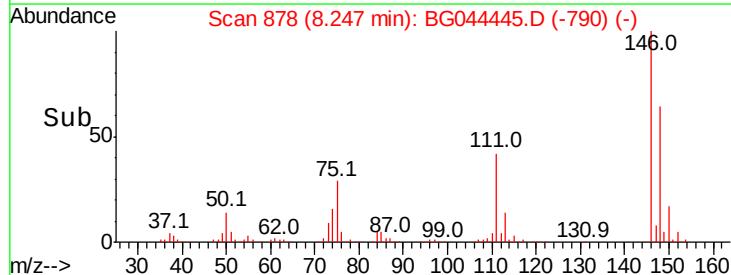
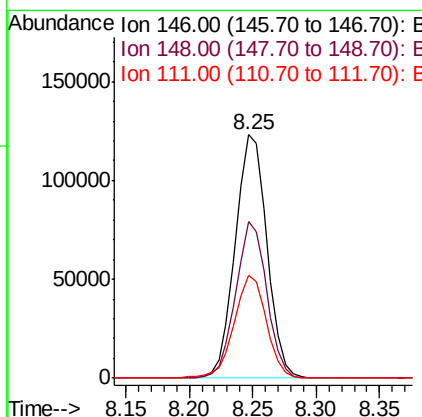
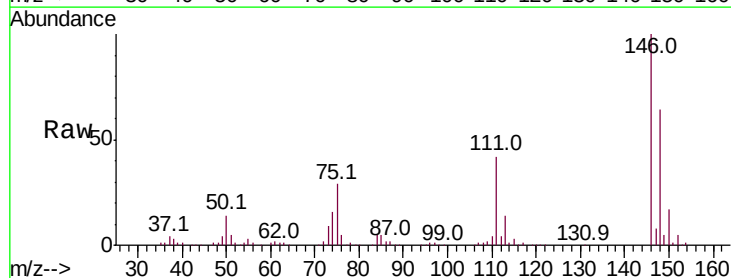
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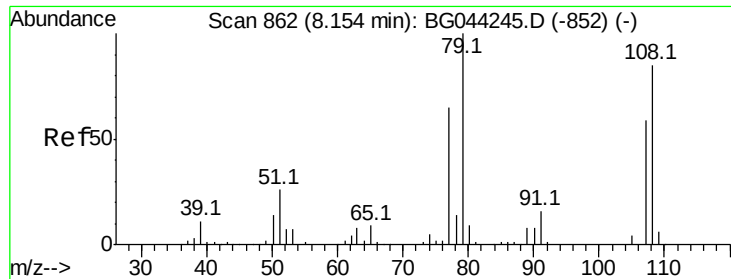
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.398 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	42.2	34.0	51.0





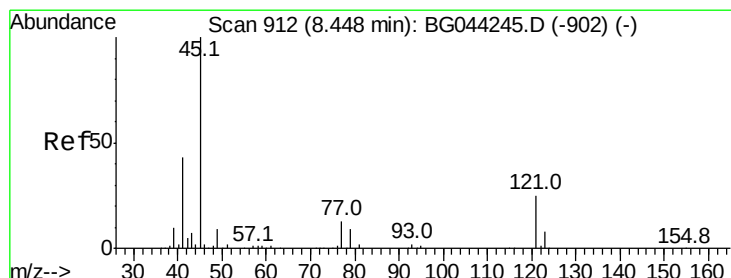
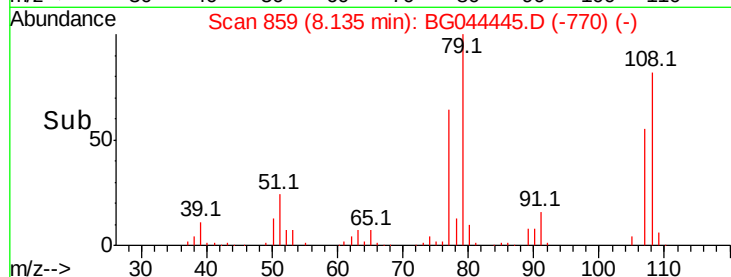
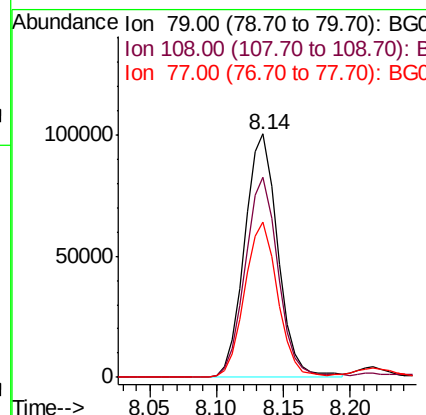
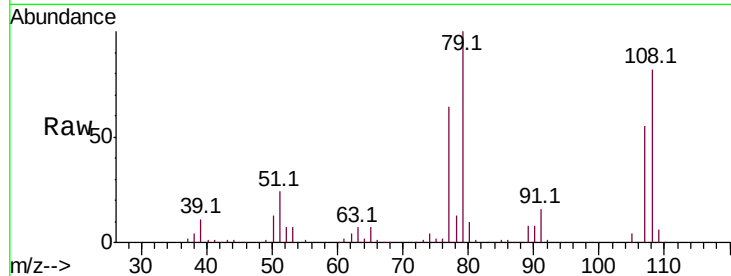
#15
Benzyl Alcohol
Concen: 49.771 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	68.3	102.5
77	64.0	51.8	77.8

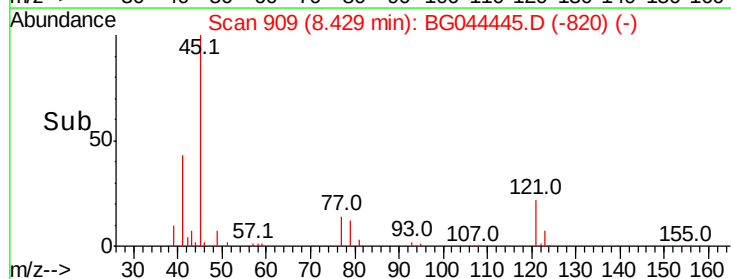
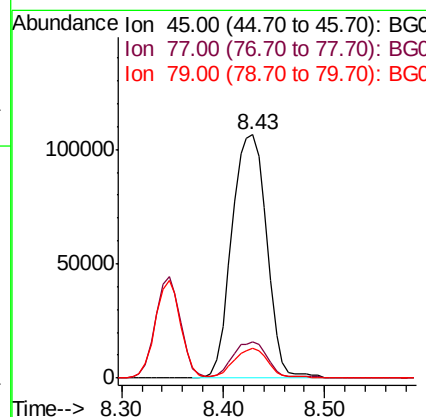
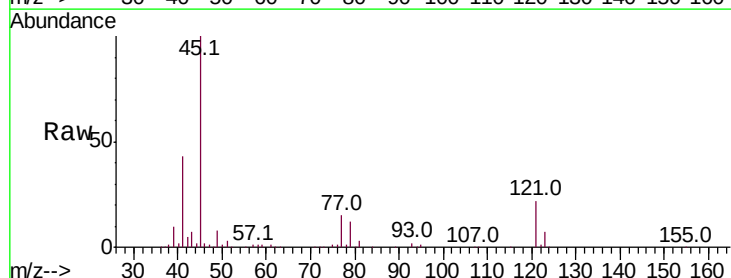
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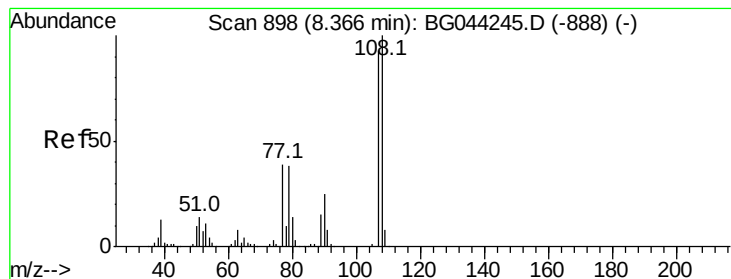
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.314 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.2
79	12.0	0.0	31.1





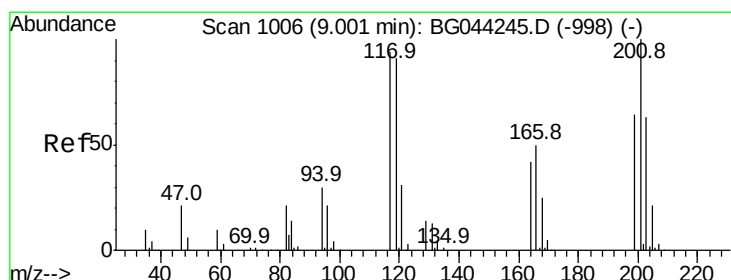
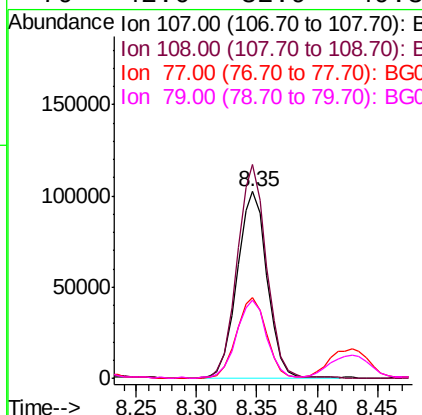
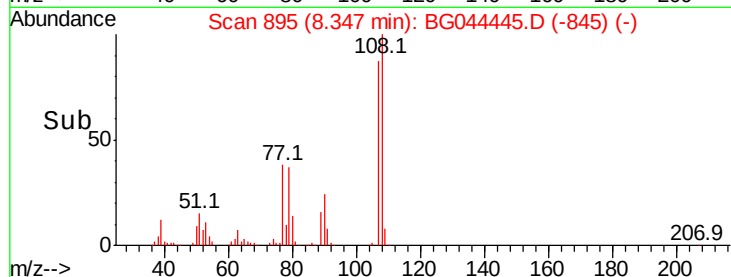
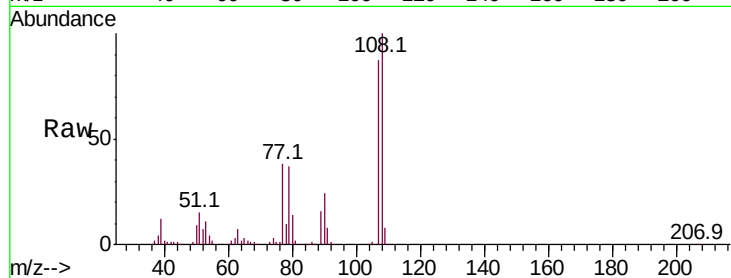
#17
2-Methylphenol
Concen: 51.477 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	86.4	129.6	
77	43.4	34.0	51.0	
79	42.0	32.9	49.3	

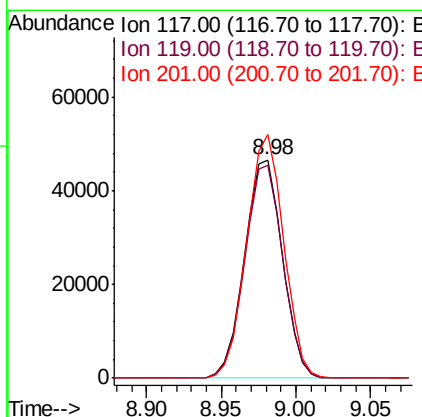
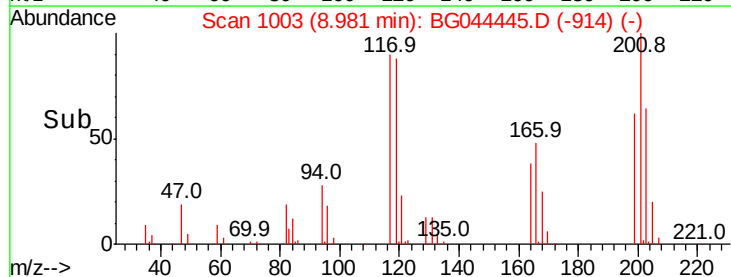
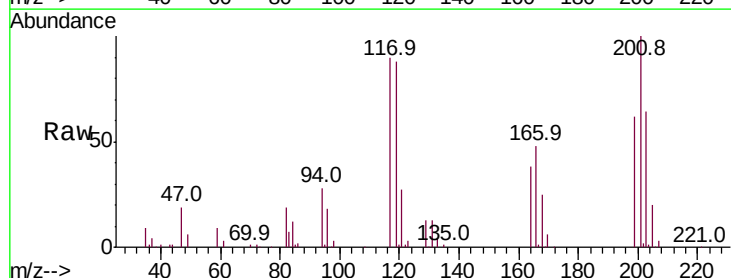
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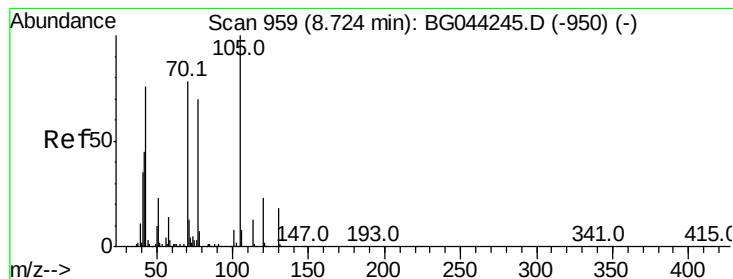
mohammad
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#18
Hexachloroethane
Concen: 45.859 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.5	116.3	
201	111.6	84.9	127.3	





#19

n-Nitroso-di-n-propylamine

Concen: 46.913 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

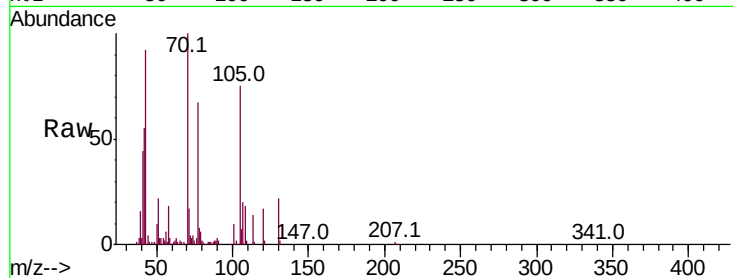
ClientSampleId :

SB-2B-(18.5-20.5)MS

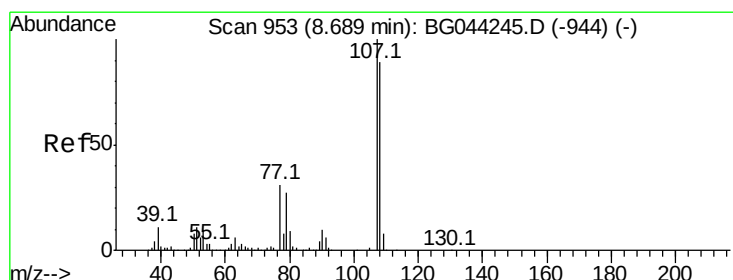
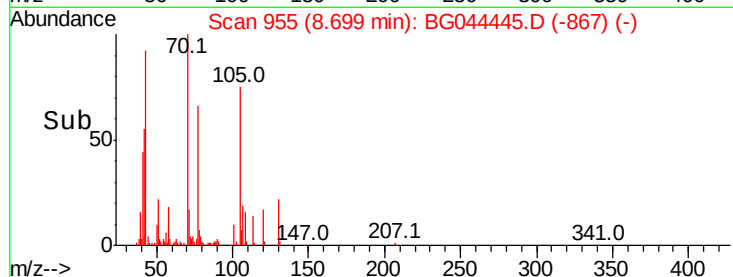
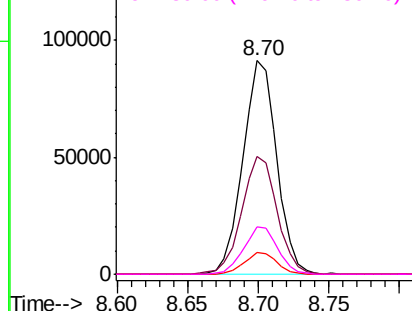
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	46.2	69.2	
101	10.2	8.4	12.6	
130	22.0	17.8	26.8	

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Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 51.254 ng

RT: 8.68 min Scan# 951

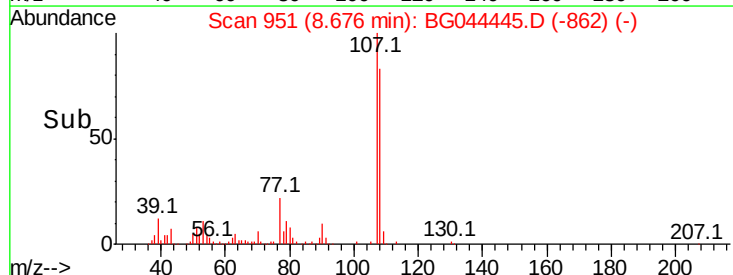
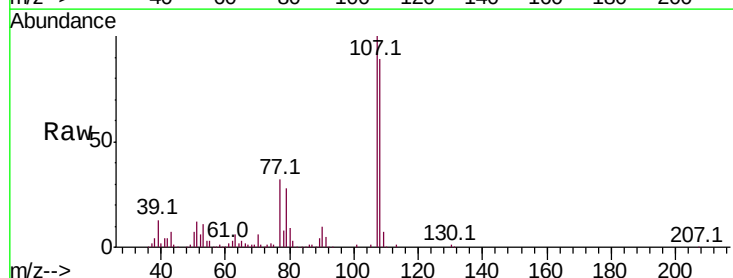
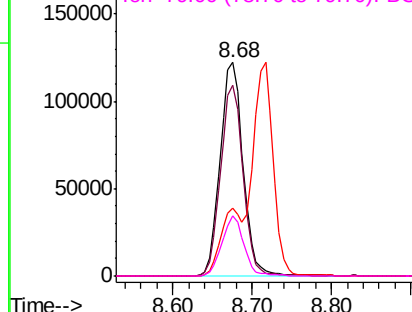
Delta R.T. -0.01 min

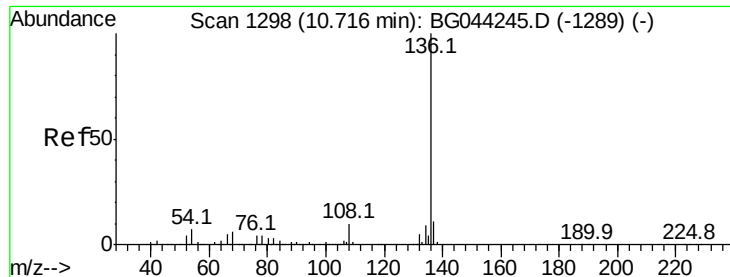
Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	68.5	108.5	
77	32.0	10.9	50.9	
79	28.0	7.1	47.1	

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





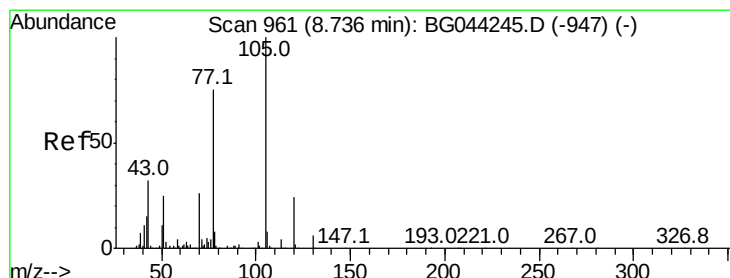
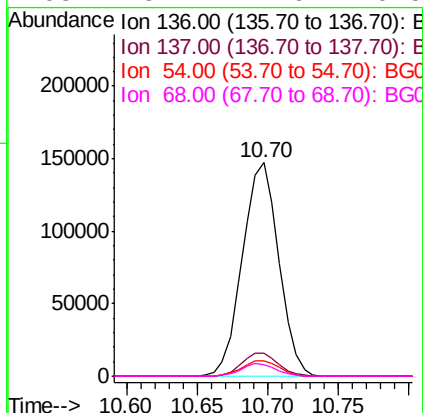
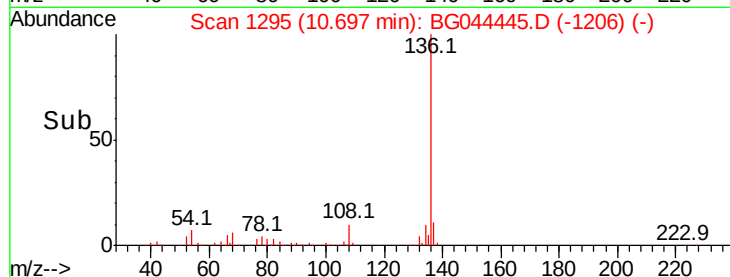
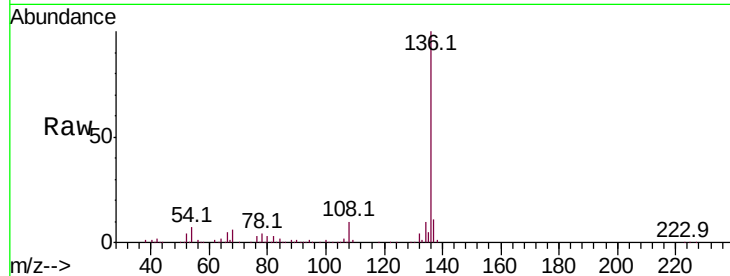
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	265347		
137	11.0		8.8	13.2
54	7.4		5.8	8.8
68	5.7		4.6	6.8

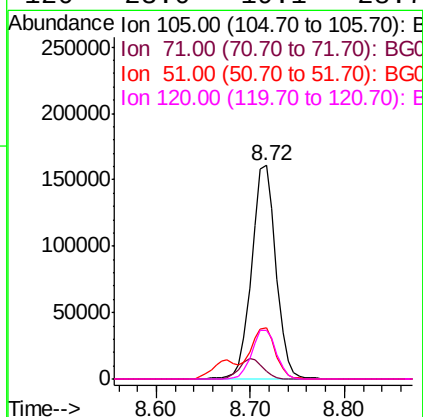
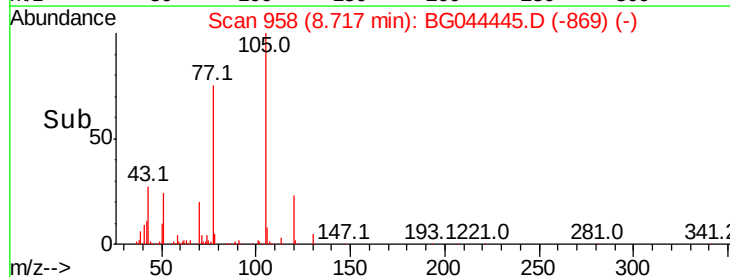
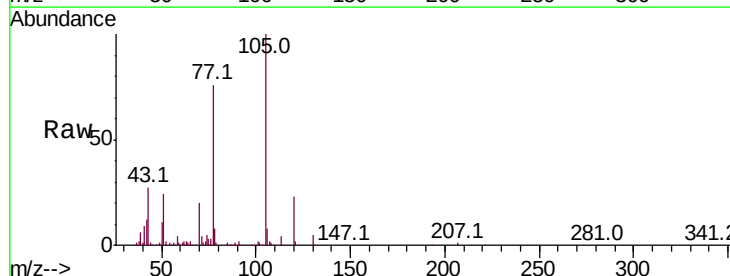
Manual Integrations
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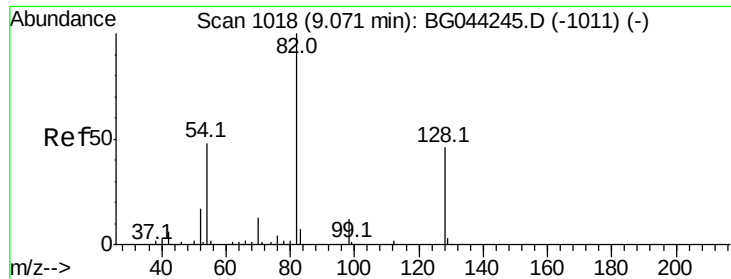
mohammad
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#22
Acetophenone
Concen: 44.528 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	287430		
71	3.5		3.4	5.0
51	24.2		20.2	30.4
120	23.0		19.1	28.7





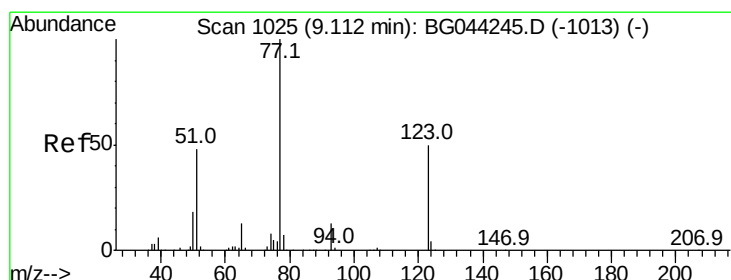
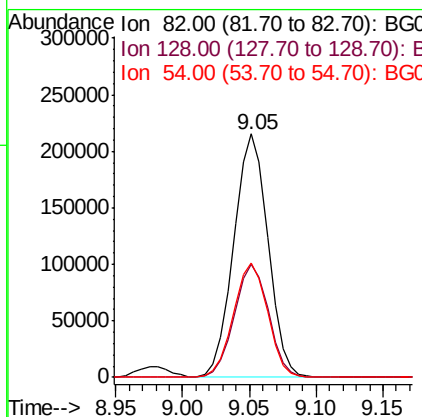
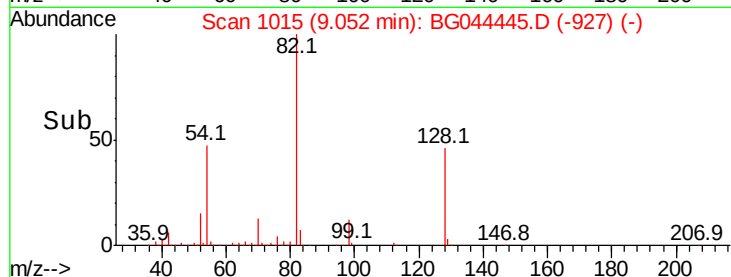
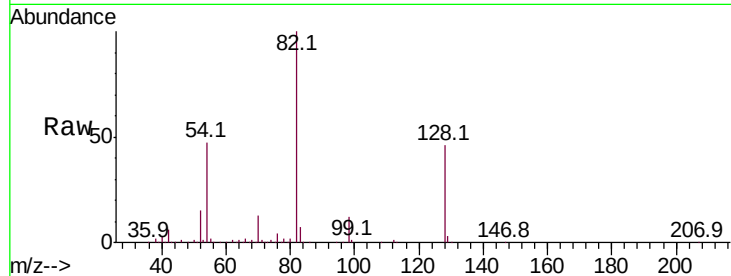
#23
Nitrobenzene-d5
Concen: 81.227 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	46.8	38.6	58.0

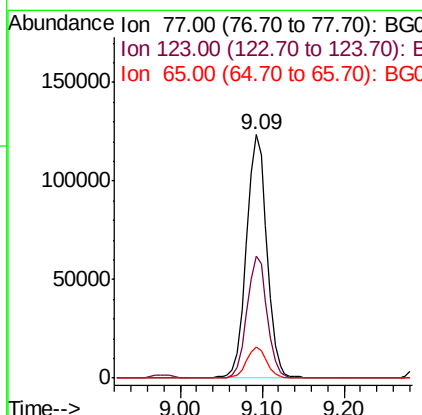
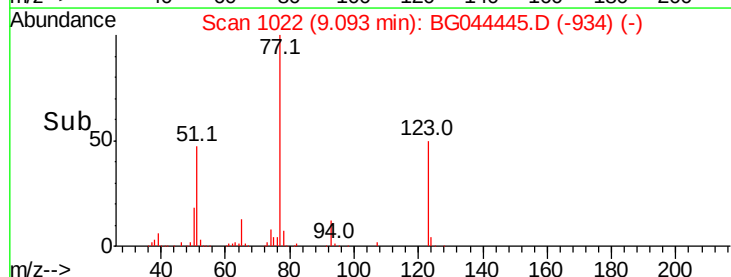
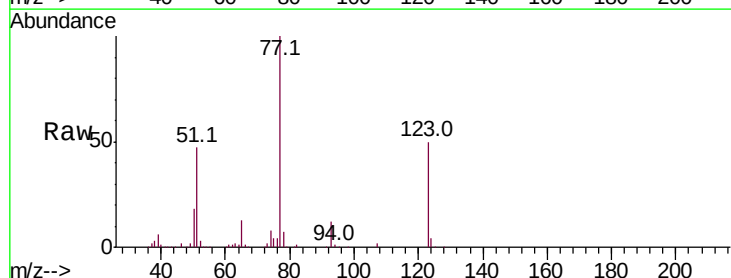
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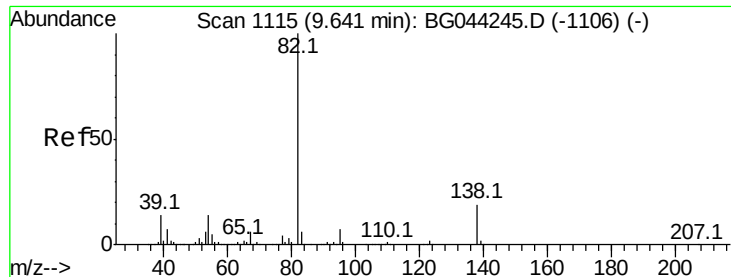
mohammad
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#24
Nitrobenzene
Concen: 46.964 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	39.9	59.9
65	13.0	10.4	15.6





#25

Isophorone

Concen: 48.125 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

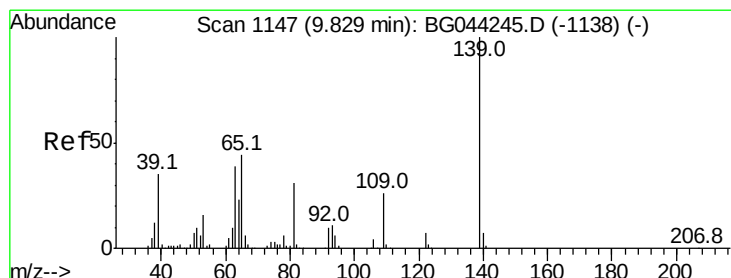
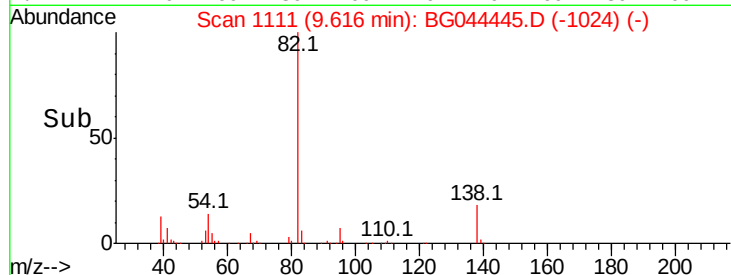
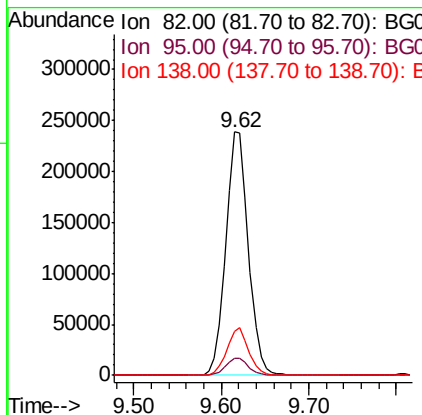
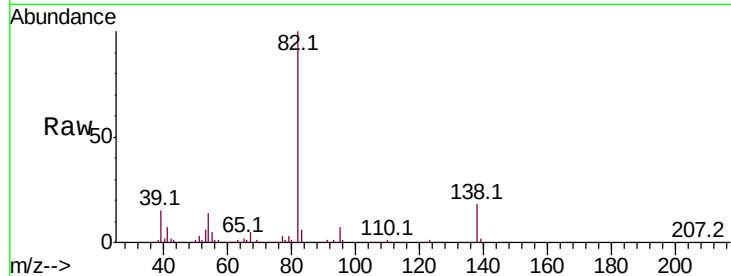
ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion:	82	Resp:	421592
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.7	8.5
138	18.1	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.770 ng

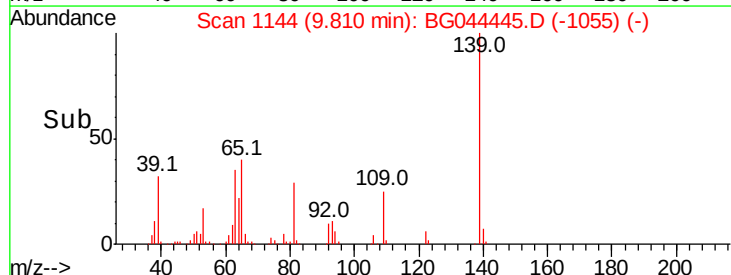
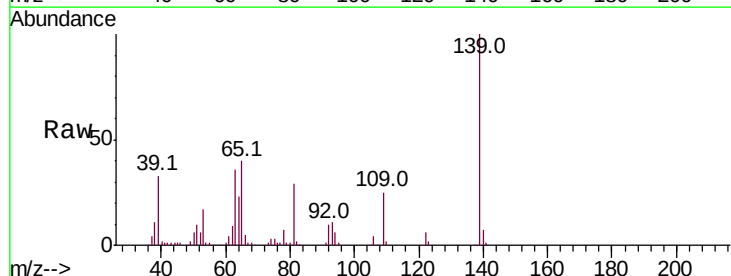
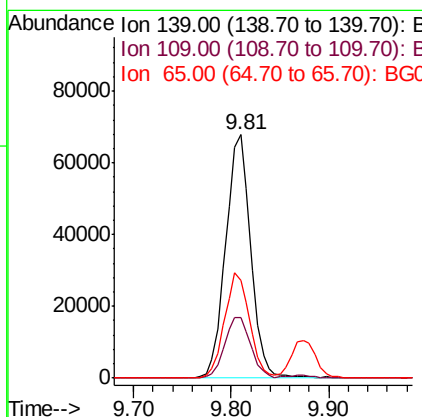
RT: 9.81 min Scan# 1144

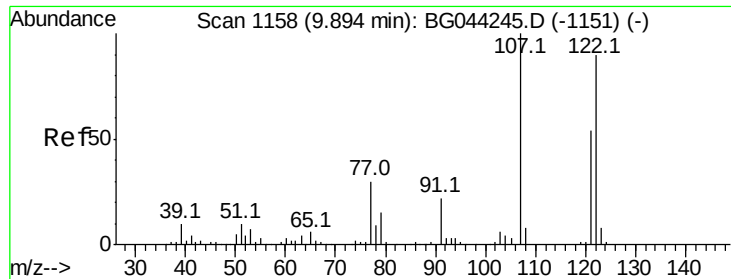
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	139	Resp:	120876
Ion Ratio	Lower	Upper	
139	100		
109	25.0	21.0	31.4
65	40.3	35.0	52.4





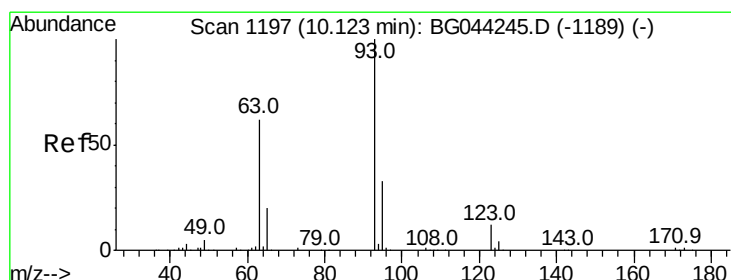
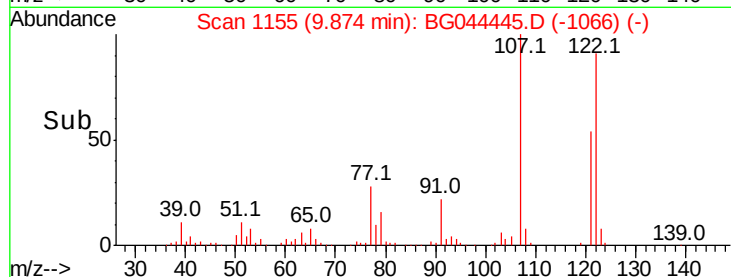
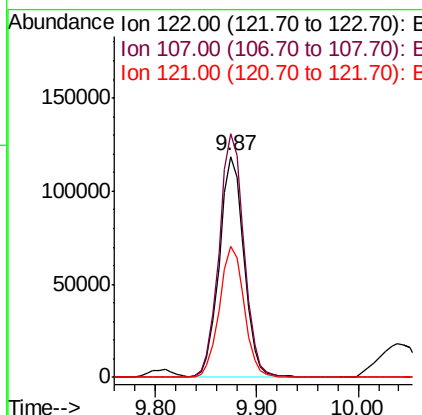
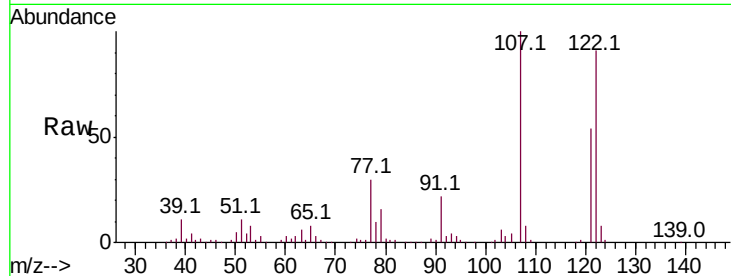
#27
2,4-Dimethylphenol
Concen: 59.653 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	200484		
107	110.3	88.8	133.2	
121	59.6	48.3	72.5	

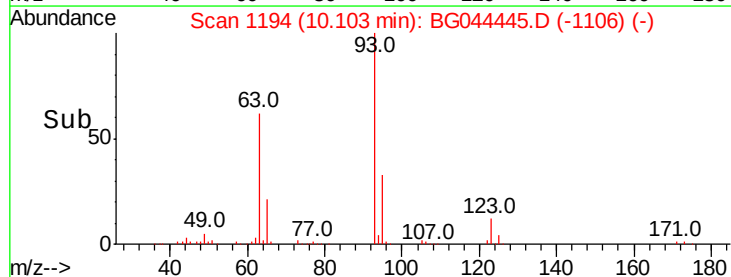
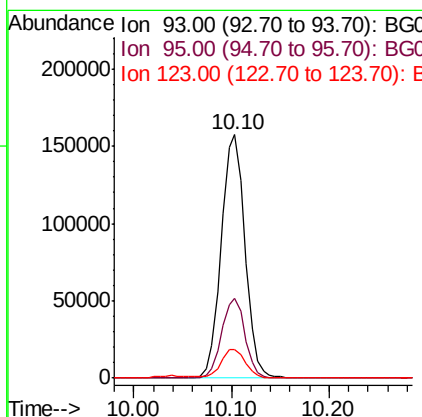
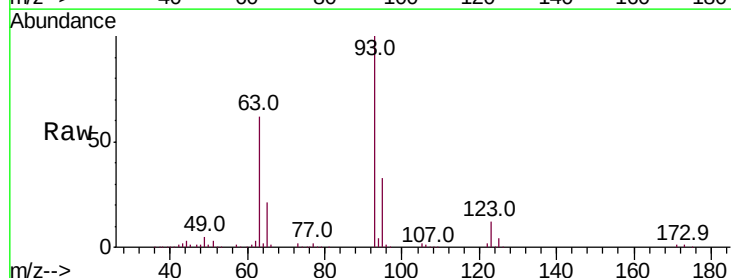
Manual Integrations
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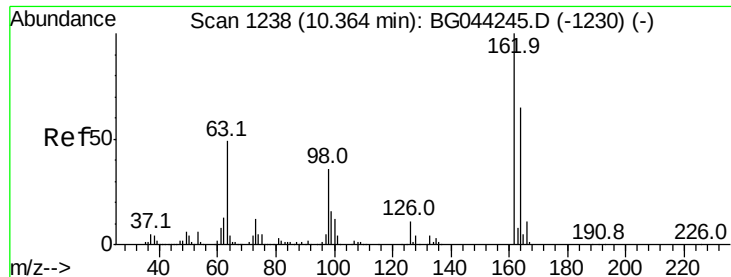
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.507 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	265943		
95	32.7	26.6	40.0	
123	11.9	10.0	15.0	





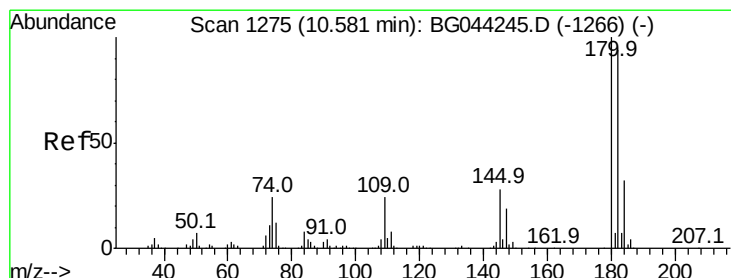
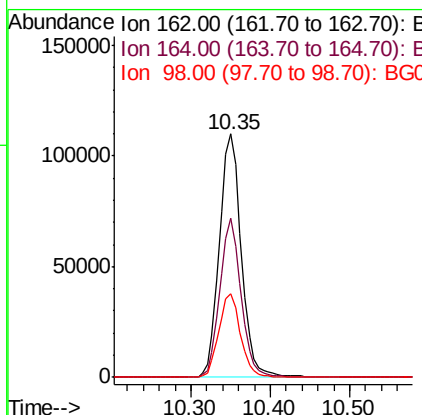
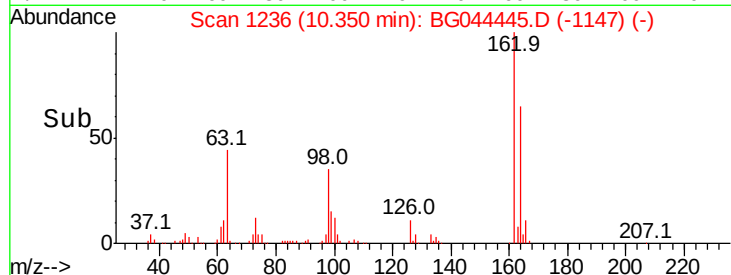
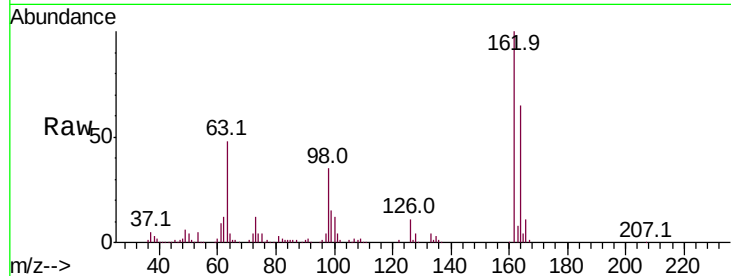
#29
 2,4-Dichlorophenol
 Concen: 51.889 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	210868		
164	65.2	44.7	84.7	
98	34.5	15.8	55.8	

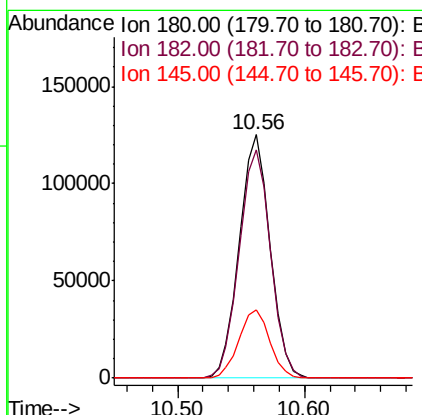
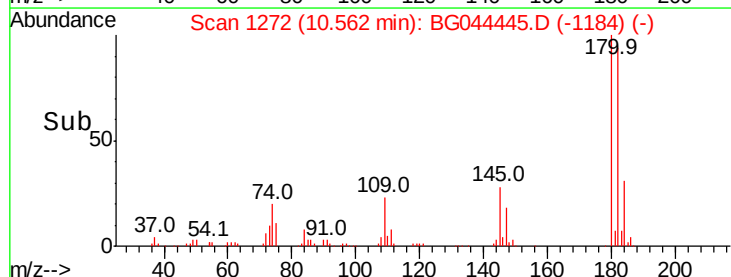
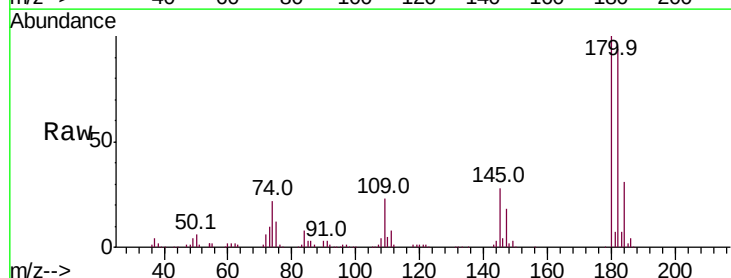
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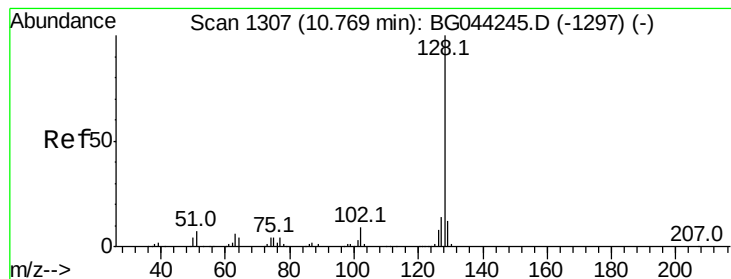
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.278 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210985		
182	93.8	75.5	113.3	
145	27.9	22.6	34.0	





#31

Naphthalene

Concen: 48.171 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

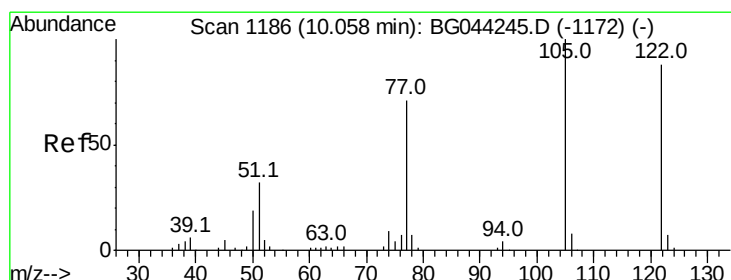
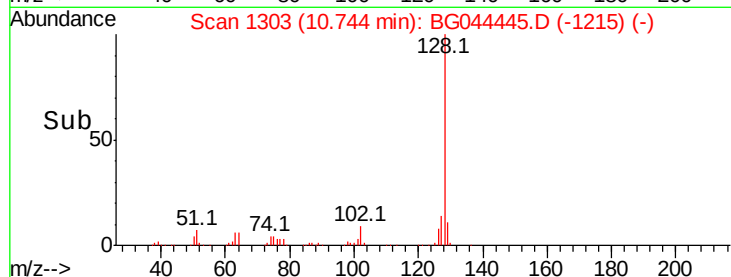
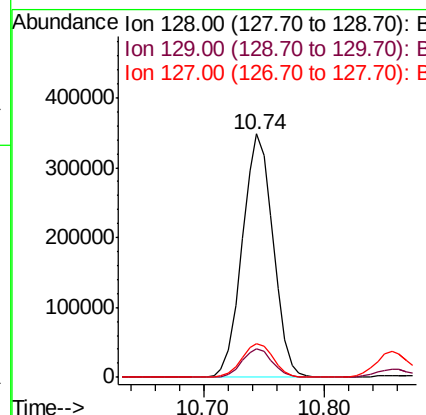
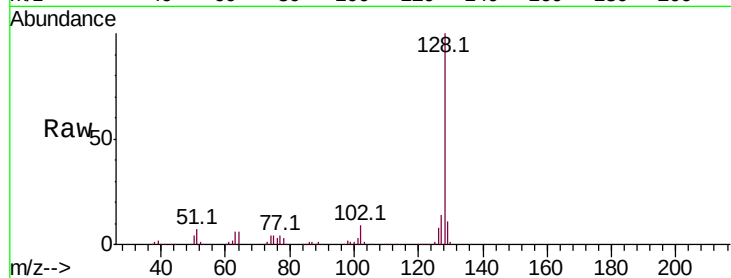
ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion:	128	Resp:	620145
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.3	13.9
127	13.9	11.6	17.4

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#32

Benzoic acid

Concen: 34.596 ng

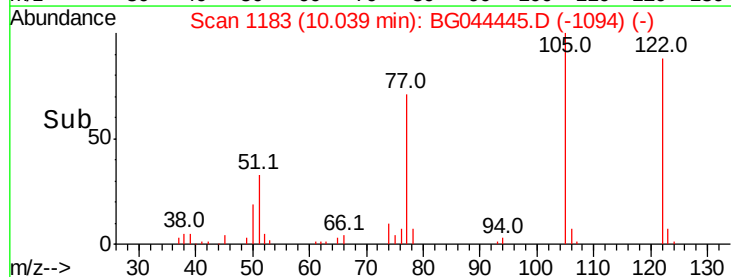
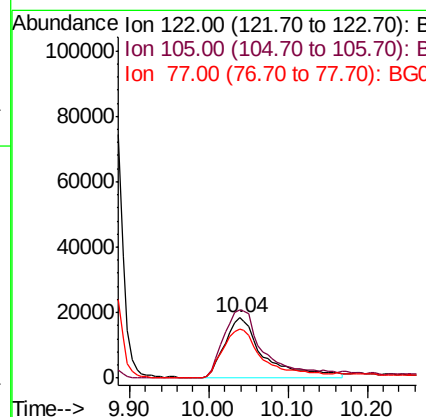
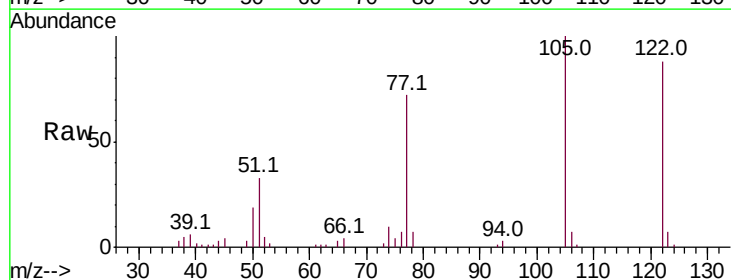
RT: 10.04 min Scan# 1183

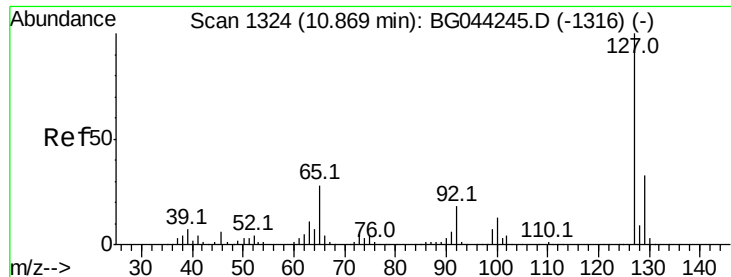
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	122	Resp:	64158
Ion Ratio	Lower	Upper	
122	100		
105	114.2	93.5	133.5
77	81.7	61.0	101.0





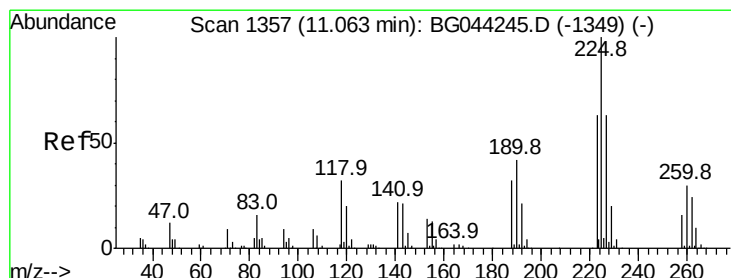
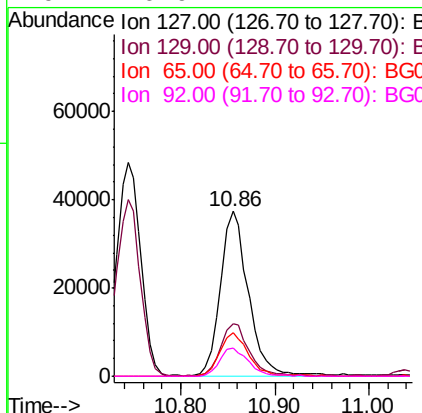
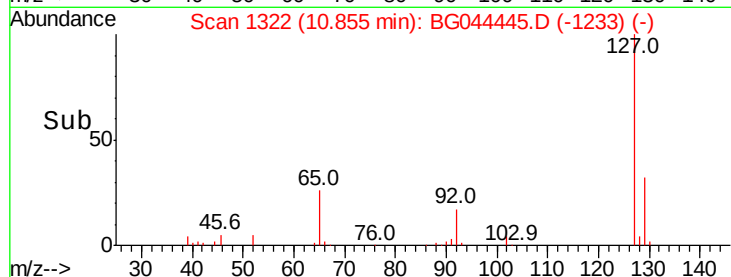
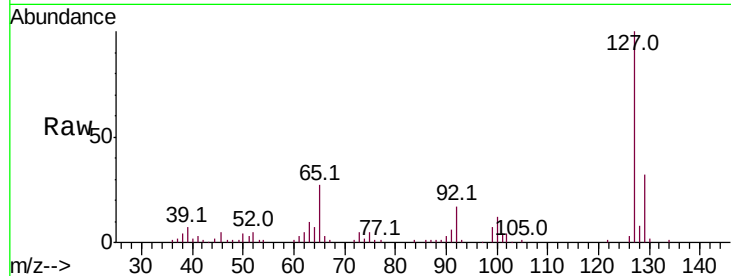
#33
4-Chloroaniline
Concen: 13.368 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	26.6	22.5	33.7
92	16.9	14.1	21.1

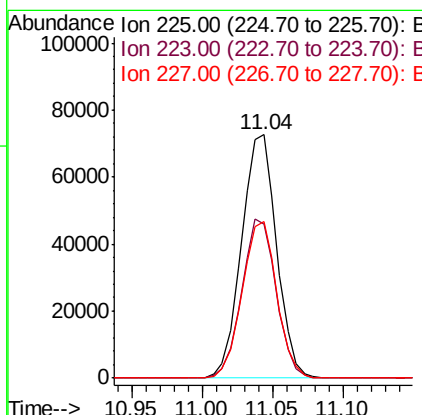
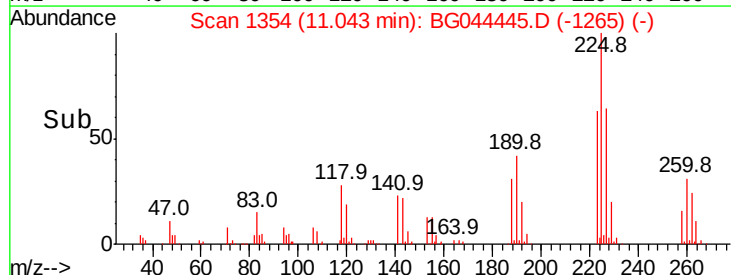
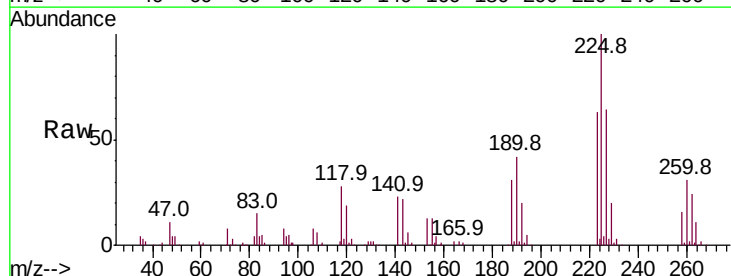
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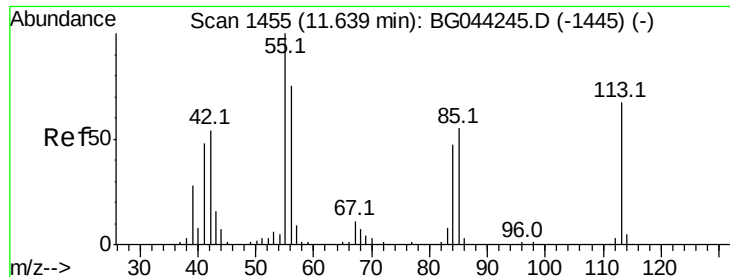
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#34
Hexachlorobutadiene
Concen: 44.002 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	64.3	50.8	76.2





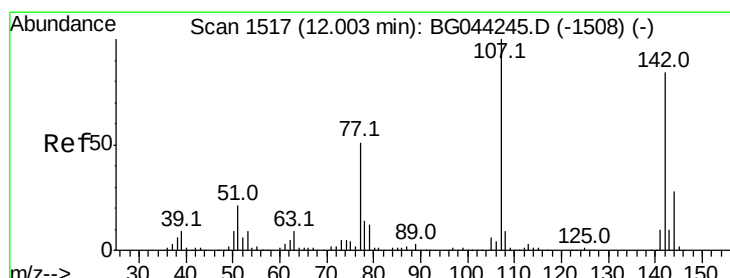
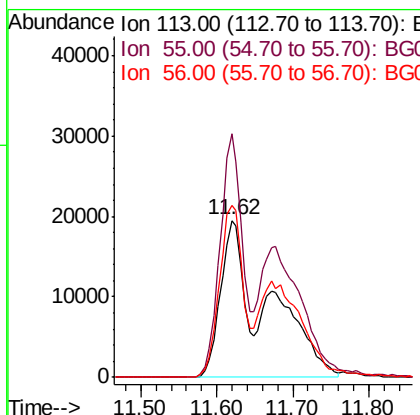
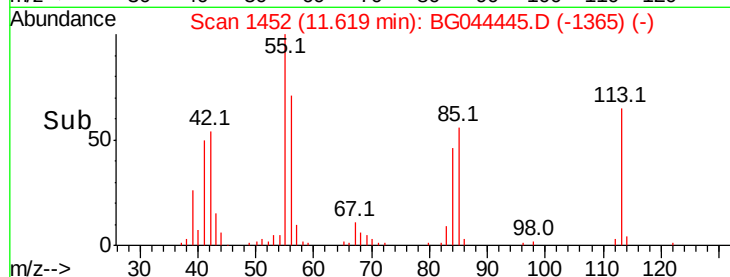
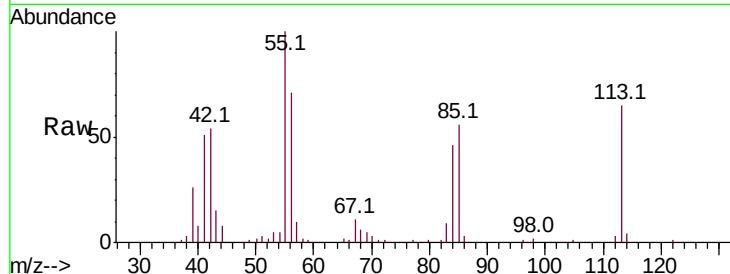
#35
 Caprolactam
 Concen: 54.222 ng/ml
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.0	129.9	169.9
56	109.8	92.5	132.5

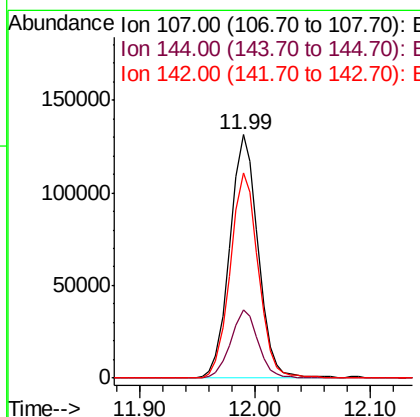
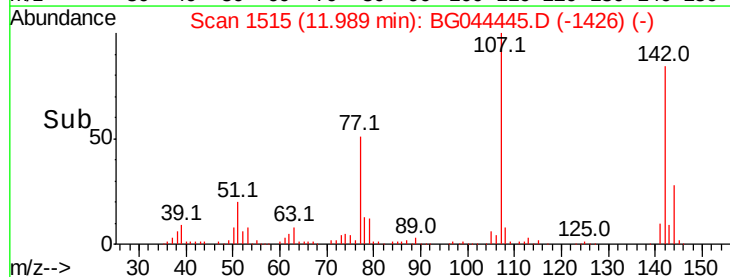
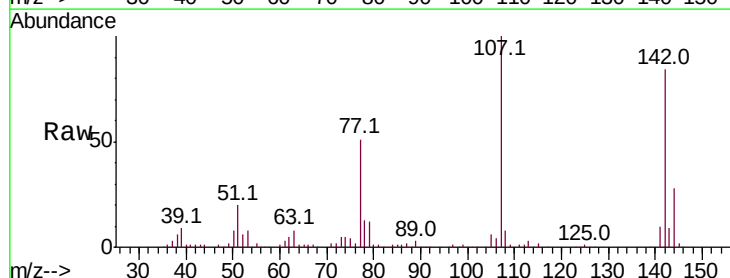
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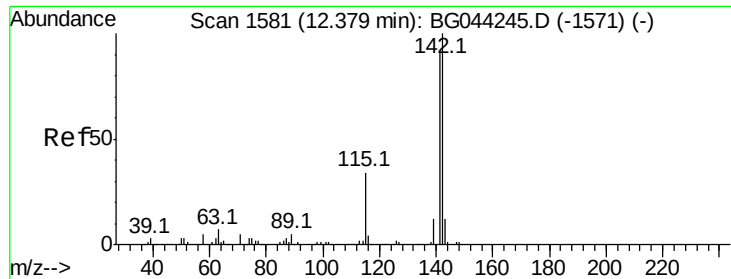
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#36
 4-Chloro-3-methylphenol
 Concen: 52.289 ng/ml
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	84.2	67.4	101.0





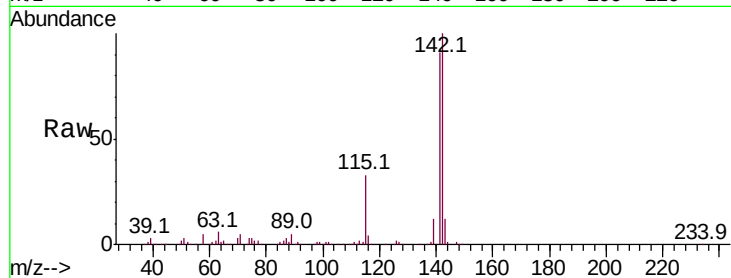
#37
2-Methylnaphthalene
Concen: 48.470 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
115	33.3	27.1	40.7

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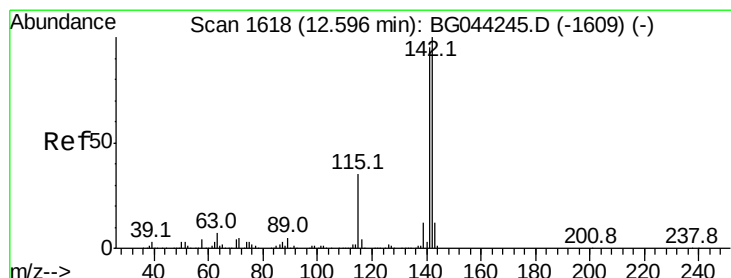
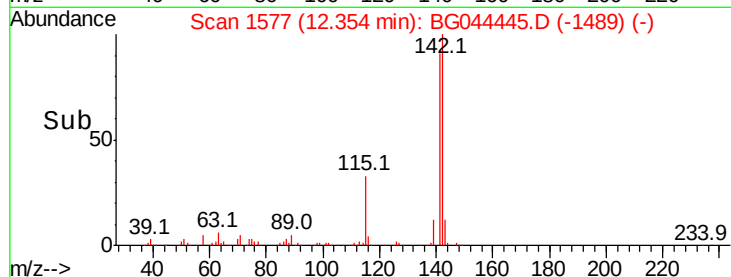
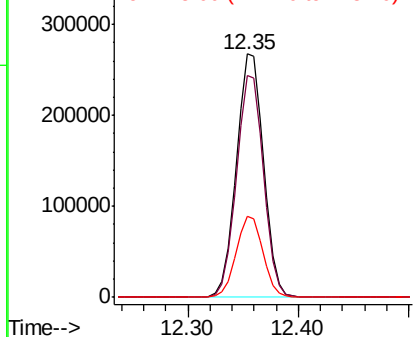


Abundance

Ion 142.00 (141.70 to 142.70): E

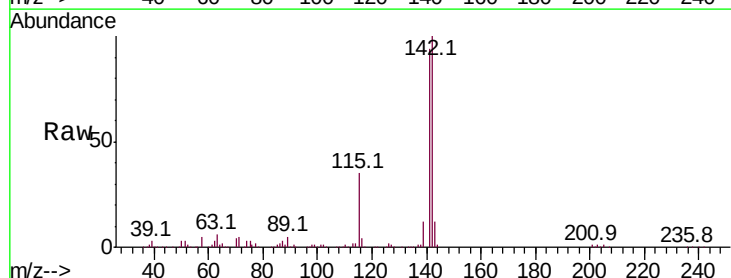
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.577 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	3.6	3.1	4.7

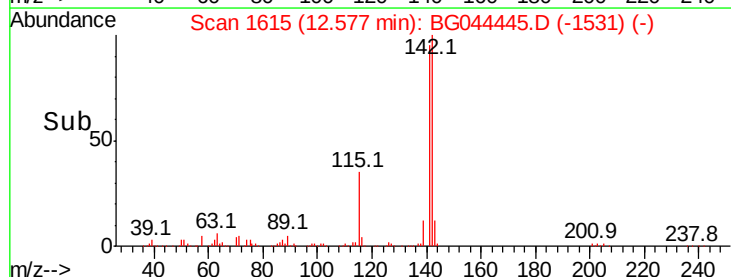
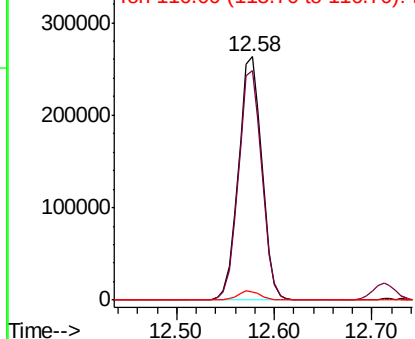


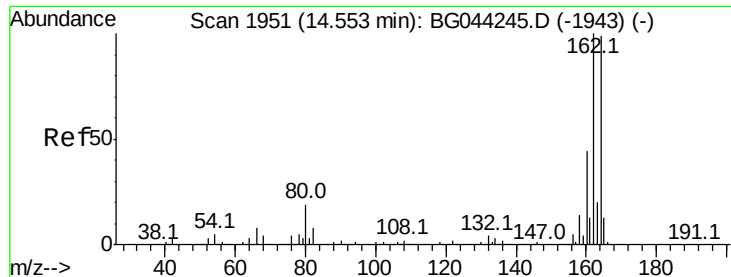
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





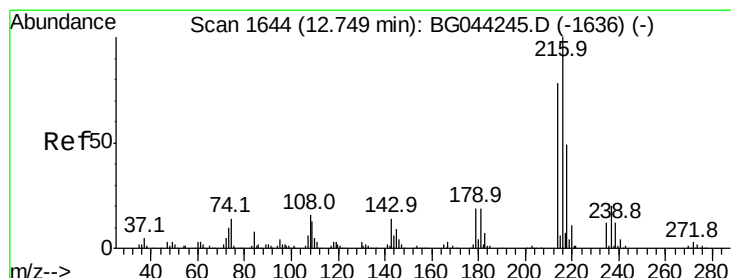
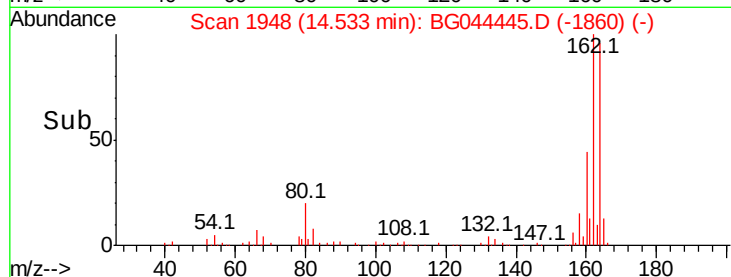
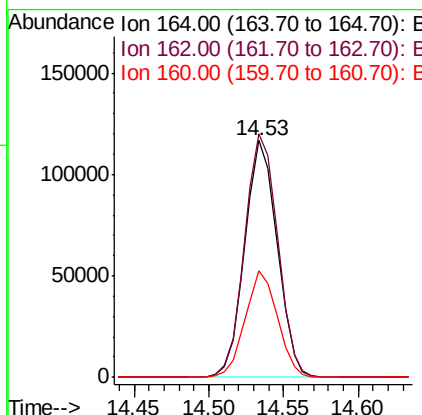
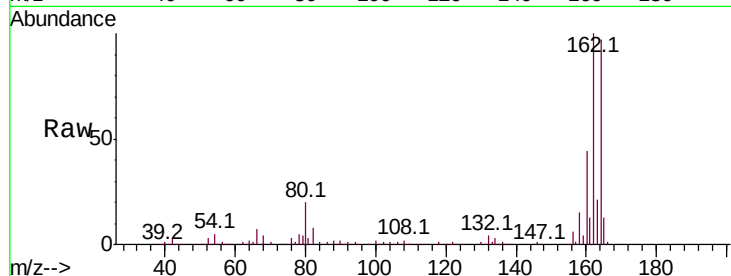
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.7	121.1
160	45.1	35.3	52.9

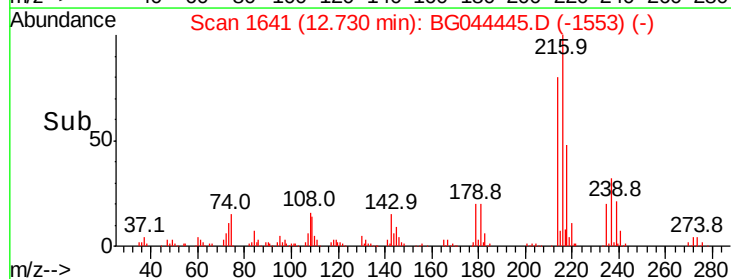
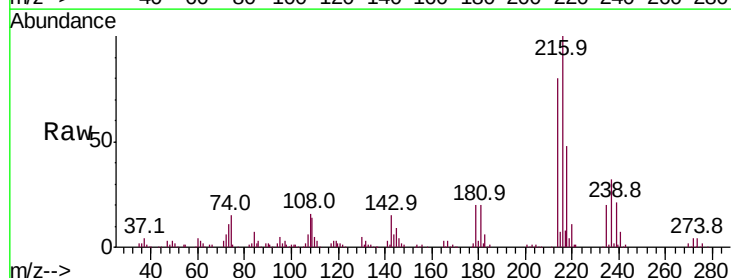
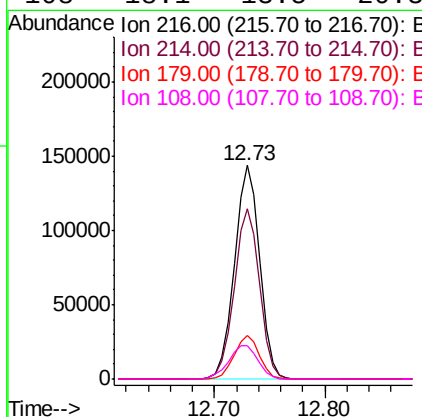
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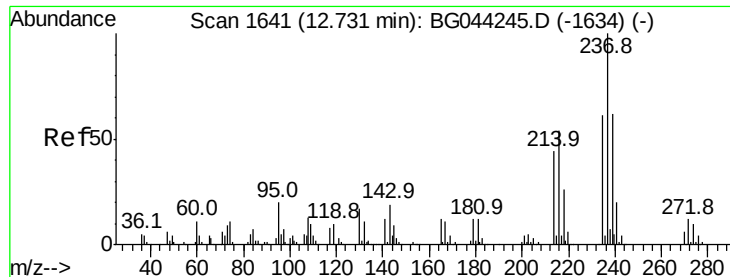
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.880 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.6
179	20.4	16.2	24.4
108	18.1	13.5	20.3





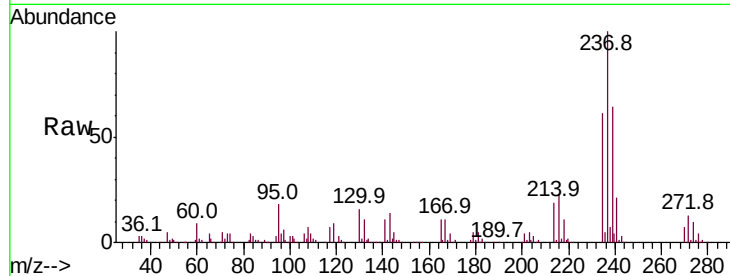
#41
Hexachlorocyclopentadiene
Concen: 103.346 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

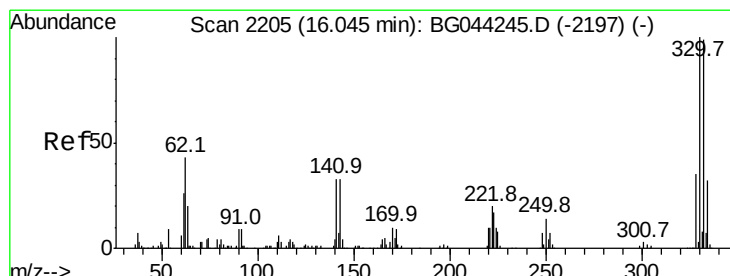
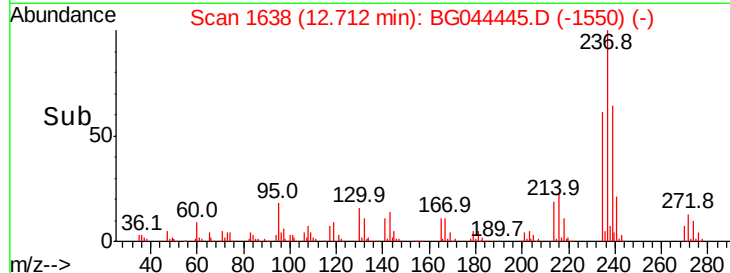
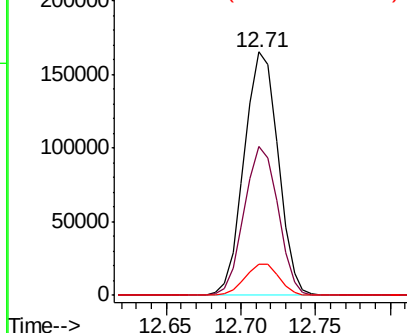
Tot Ion	Ratio	Resp	Lower	Upper
237	100	260017		
235	61.3	41.2	81.2	
272	13.0	0.0	32.4	

Manual Integrations
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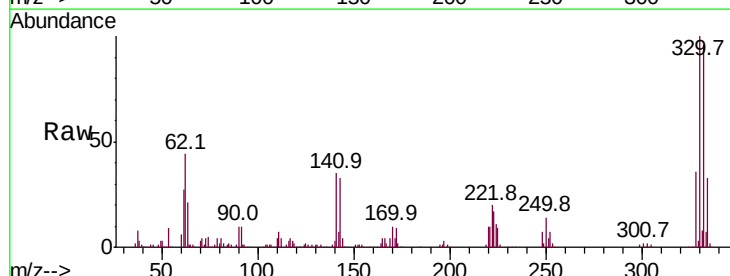


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

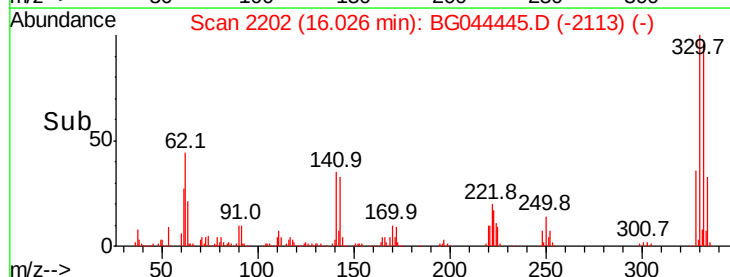
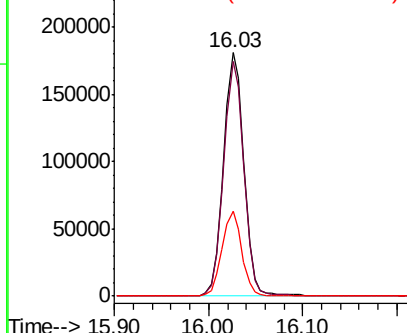


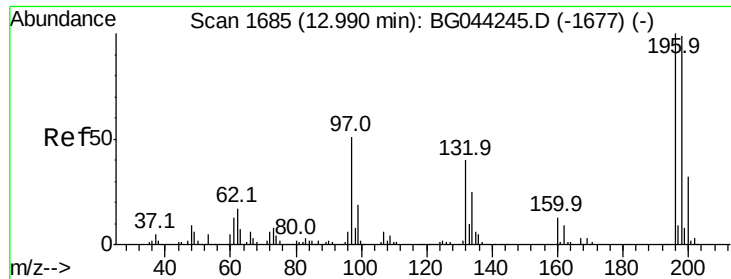
#42
2,4,6-Tribromophenol
Concen: 133.404 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	274519		
332	95.4	77.2	115.8	
141	34.1	28.3	42.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





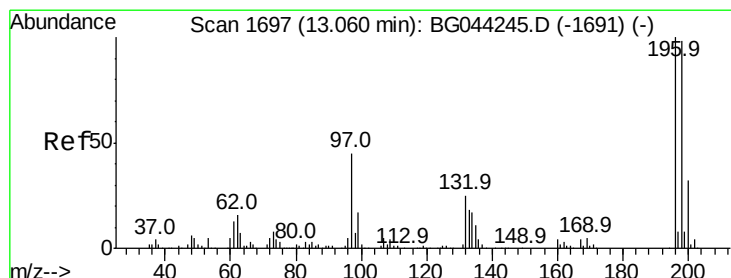
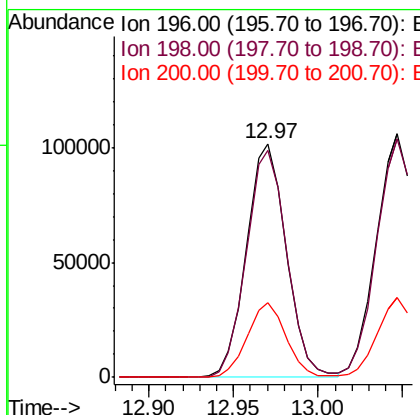
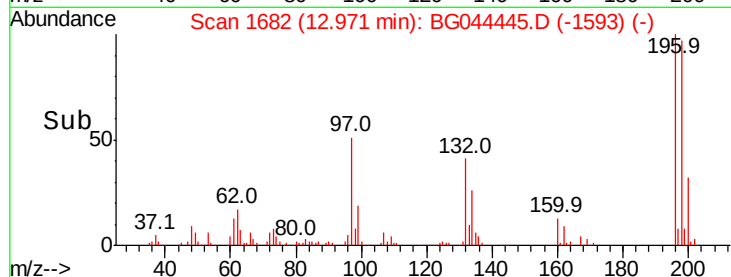
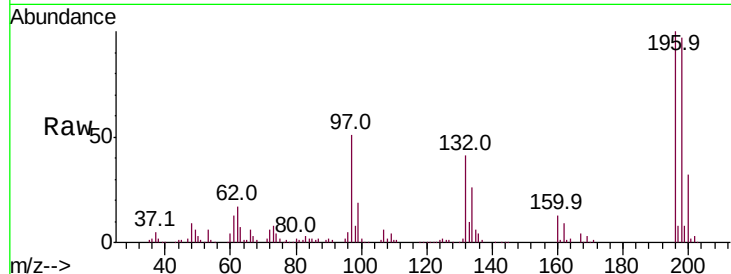
#43
 2,4,6-Trichlorophenol
 Concen: 49.429 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167528		
198	97.1	79.3	118.9	
200	32.0	25.7	38.5	

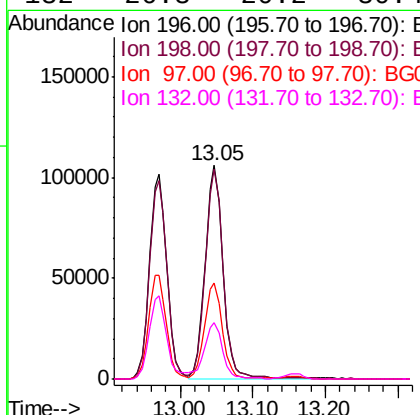
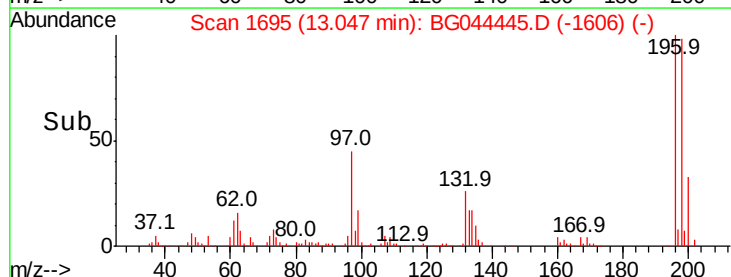
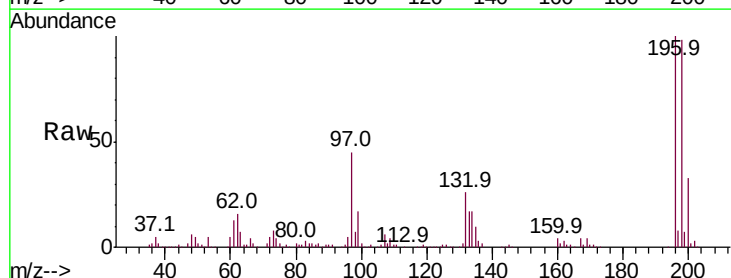
Manual Integrations
 APPROVED

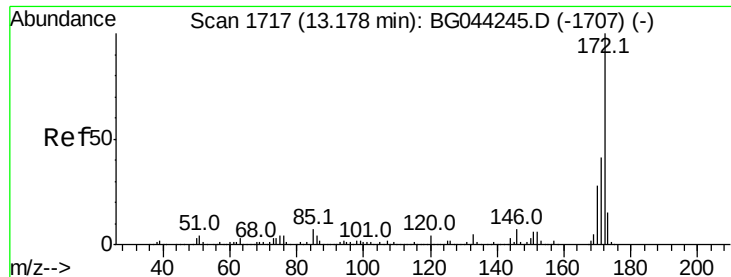
mohammad
 2/17/2020 3:48:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.480 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181676		
198	98.2	78.2	117.2	
97	44.7	36.2	54.4	
132	26.3	20.2	30.4	





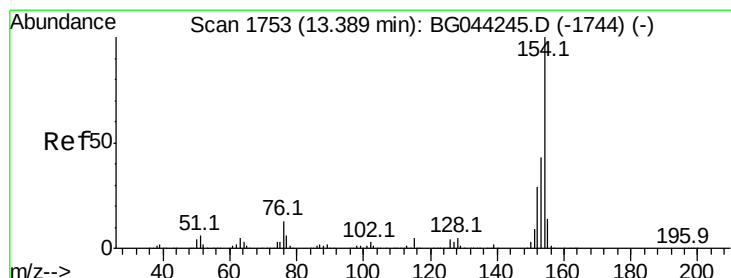
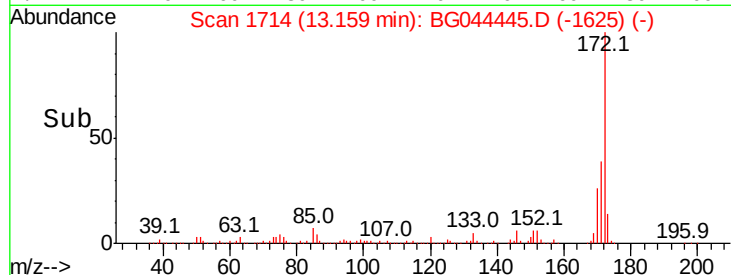
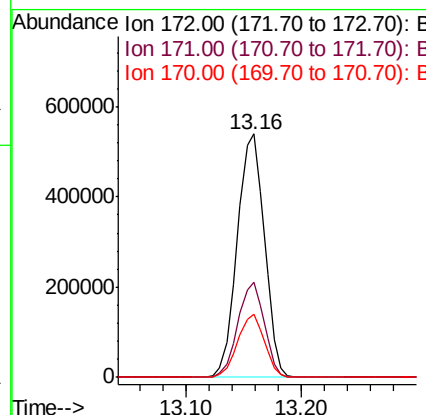
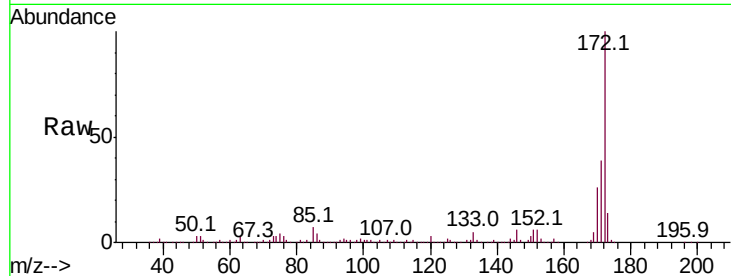
#45
2-Fluorobiphenyl
Concen: 84.192 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	881306		
171	39.3		32.9	49.3
170	25.9		22.0	33.0

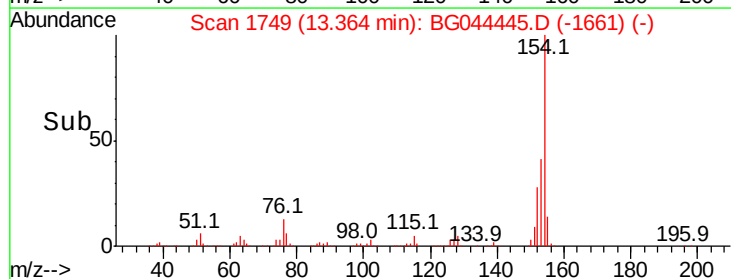
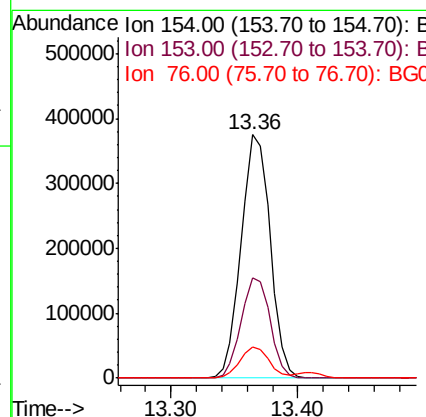
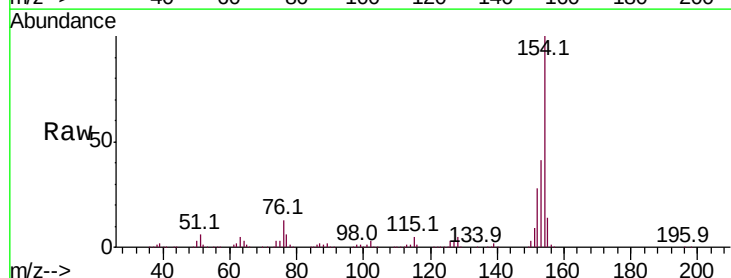
Manual Integrations
APPROVED

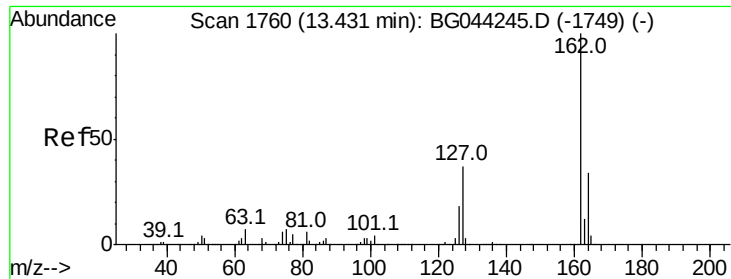
mohammad
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#46
1,1'-Biphenyl
Concen: 47.065 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	595089		
153	41.2		22.7	62.7
76	12.8		0.0	32.9





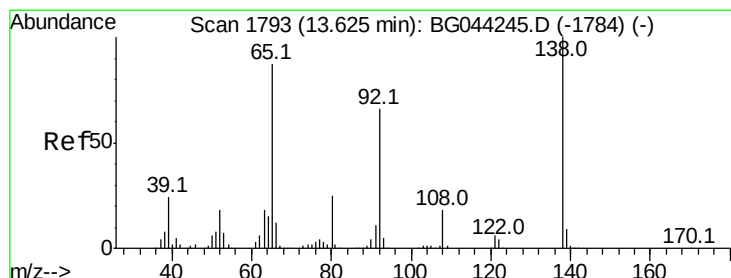
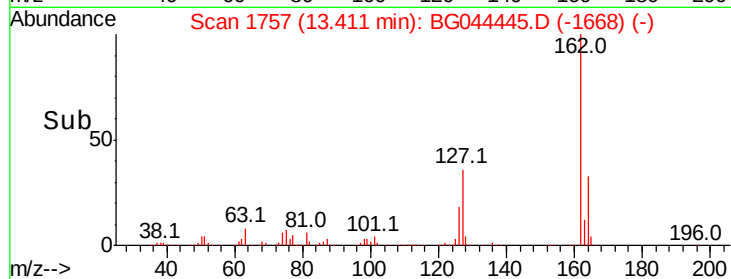
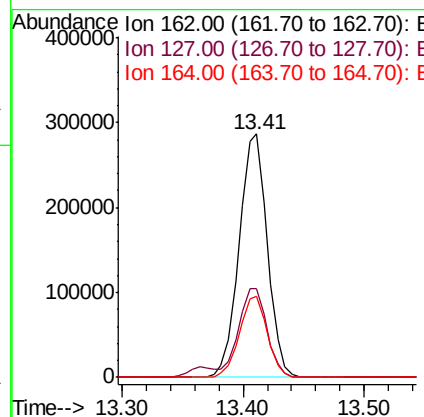
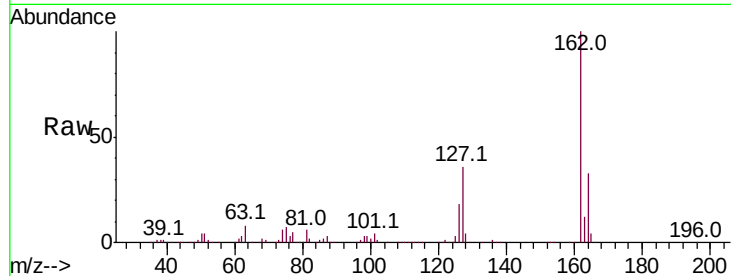
#47
 2-Chloronaphthalene
 Concen: 46.269 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	465530		
127	36.4		30.0	45.0
164	33.4		27.2	40.8

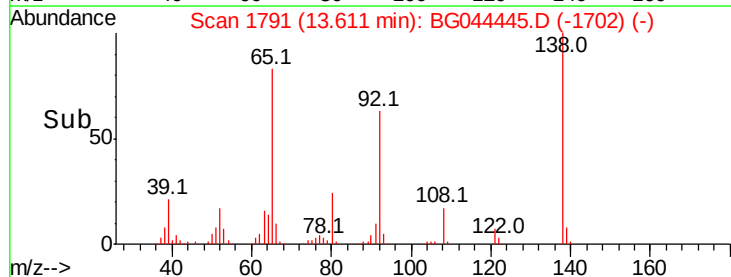
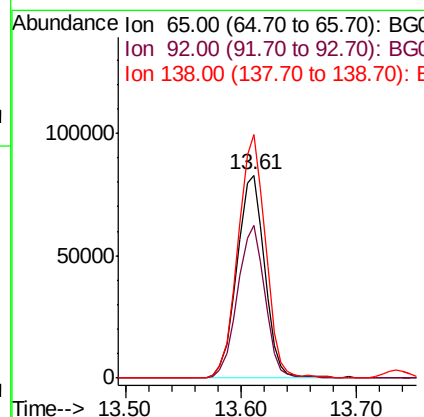
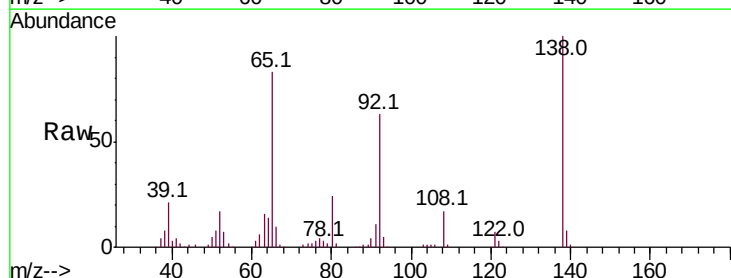
Manual Integrations
 APPROVED

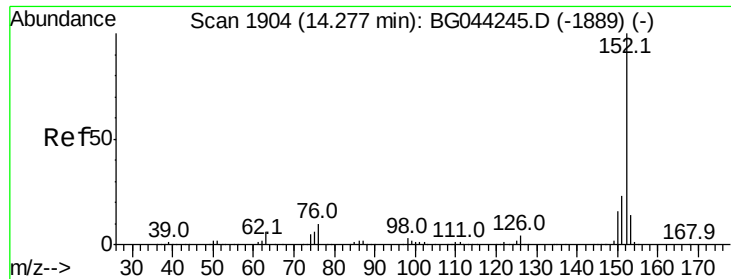
mohammad
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#48
 2-Nitroaniline
 Concen: 46.672 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	138584		
92	75.2		60.3	90.5
138	120.0		91.9	137.9





#49

Acenaphthylene

Concen: 50.302 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

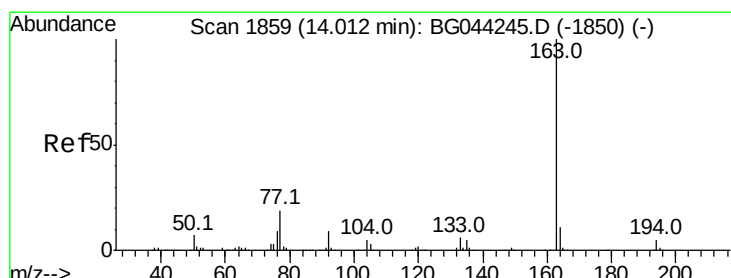
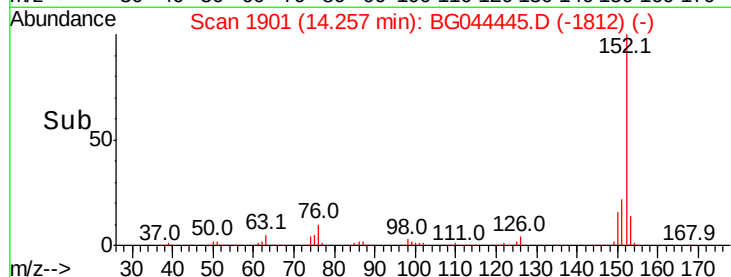
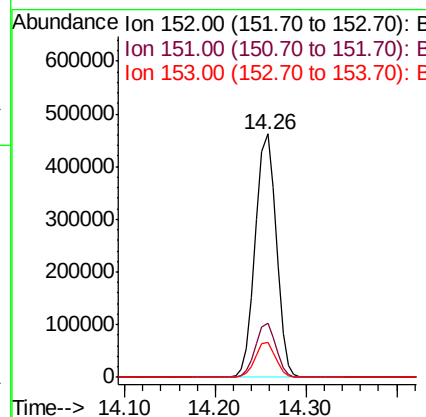
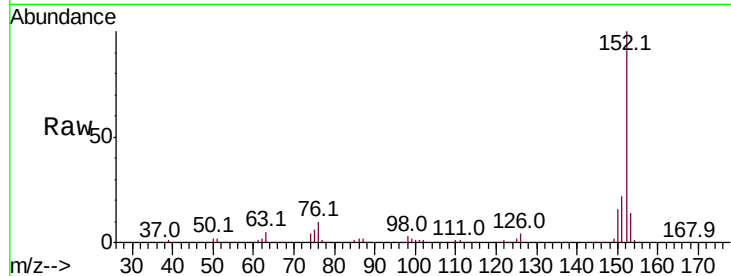
ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion:	152	Resp:	742316
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	14.3	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.835 ng

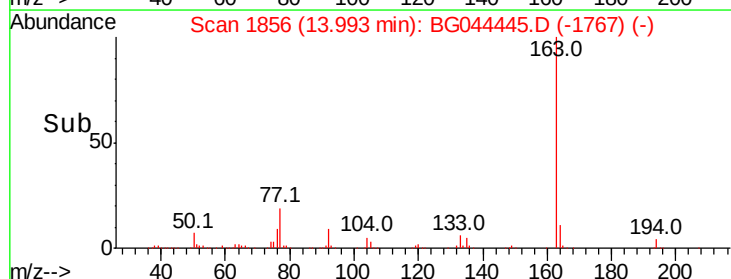
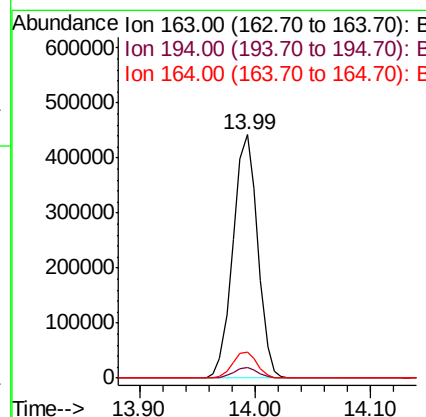
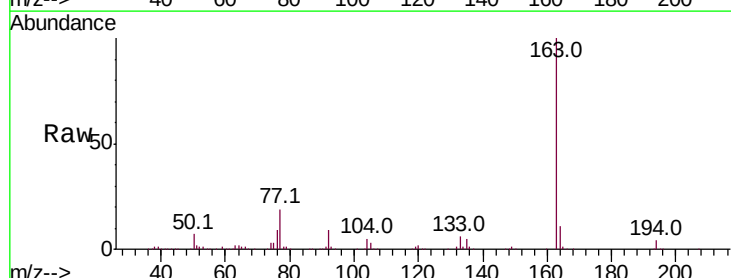
RT: 13.99 min Scan# 1856

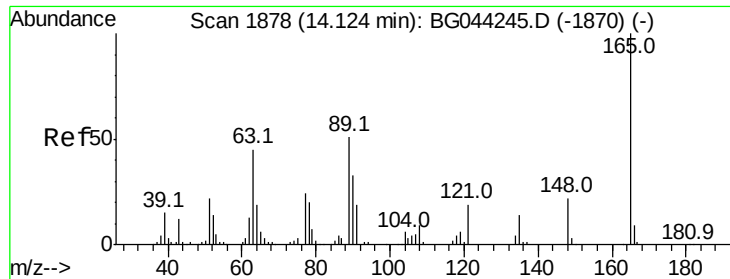
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	163	Resp:	653133
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.7	8.7	13.1





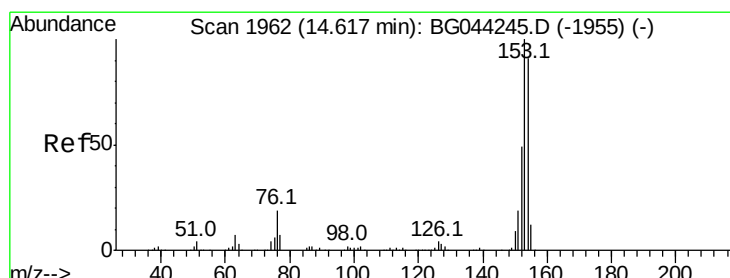
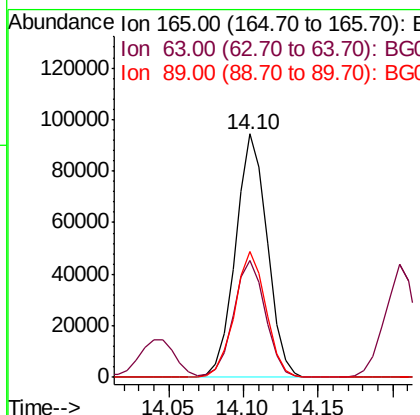
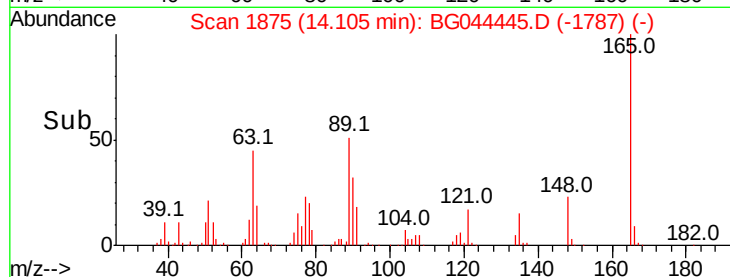
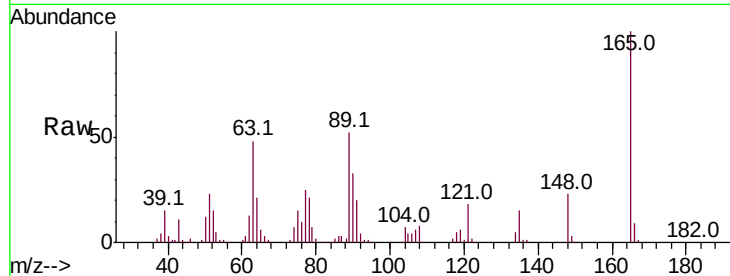
#51
2,6-Dinitrotoluene
Concen: 49.410 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.9	38.7	58.1
89	51.7	40.4	60.6

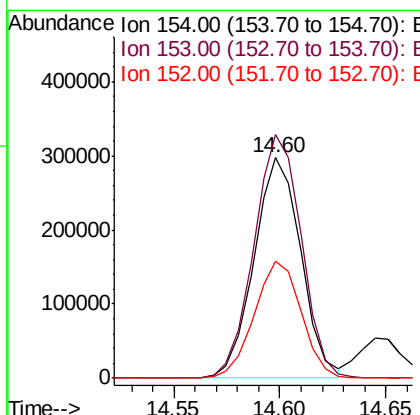
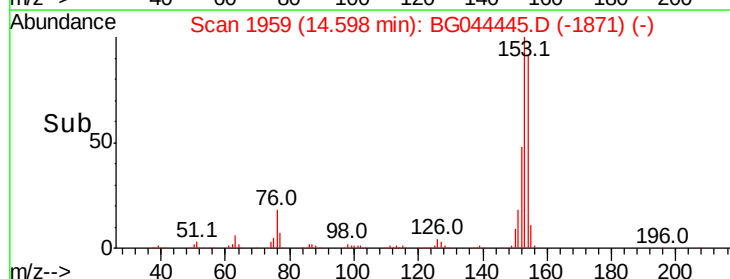
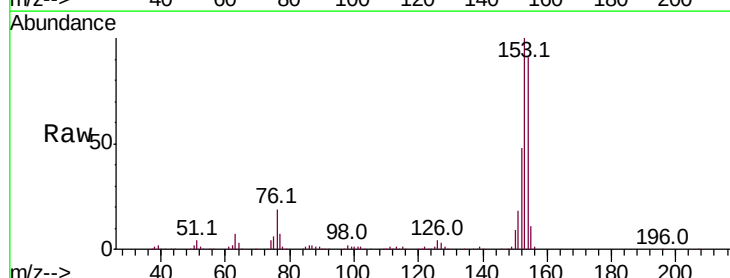
Manual Integrations
APPROVED

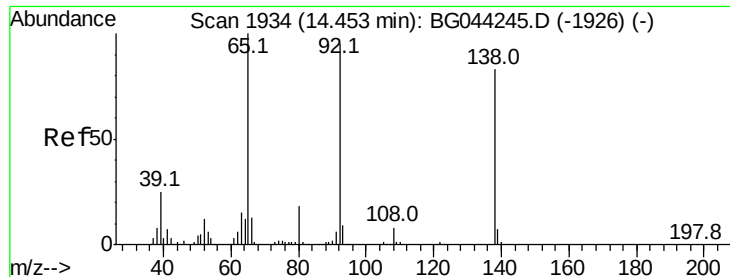
mohammad
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#52
Acenaphthene
Concen: 47.937 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	87.9	131.9
152	52.9	43.1	64.7





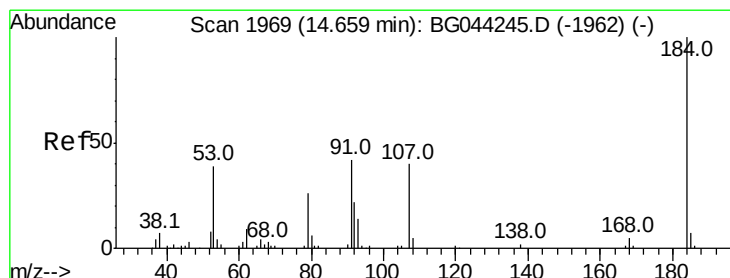
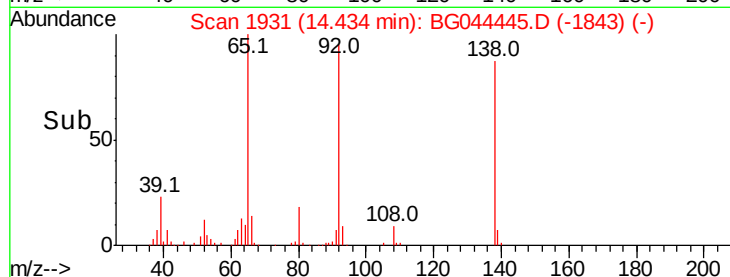
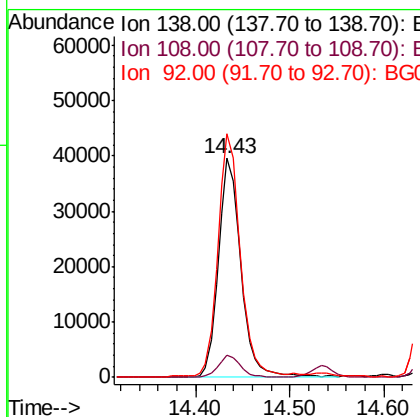
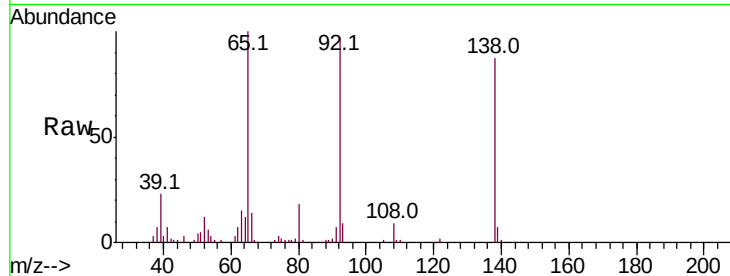
#53
3-Nitroaniline
Concen: 21.429 ng
RT: 14.43 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion:138 Resp: 66606
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 111.1 91.0 136.4

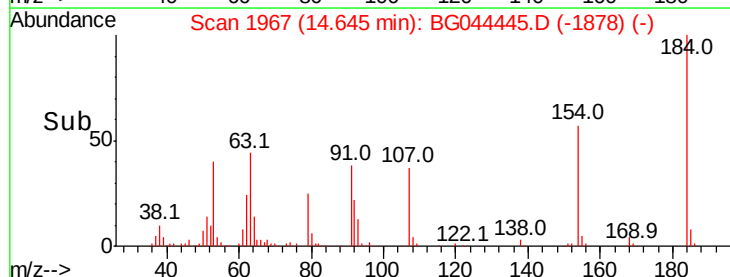
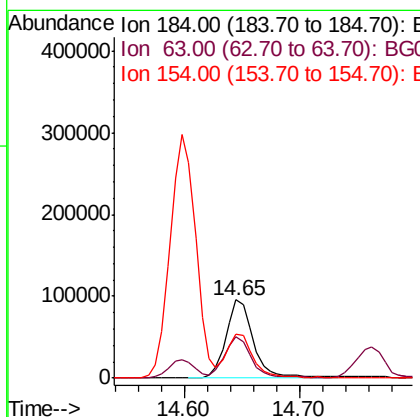
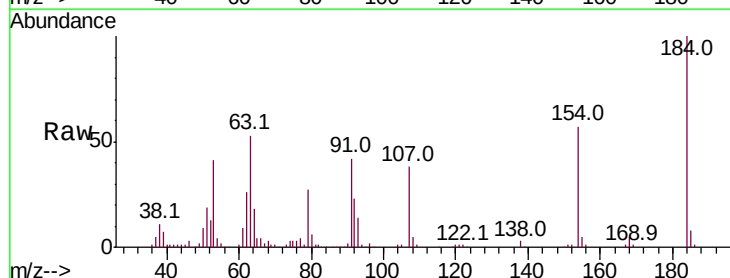
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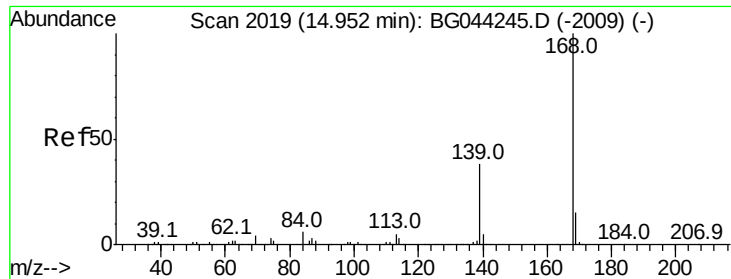
mohammad
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#54
2,4-Dinitrophenol
Concen: 93.250 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:184 Resp: 157559
Ion Ratio Lower Upper
184 100
63 53.3 44.1 66.1
154 56.6 45.4 68.0





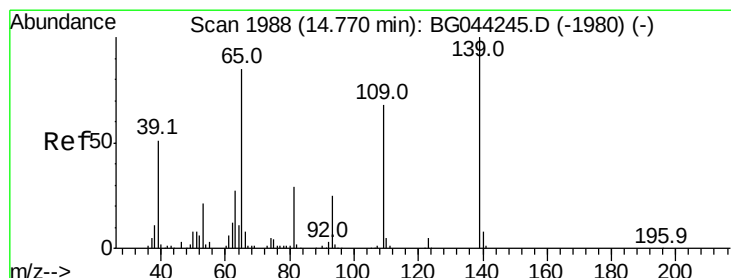
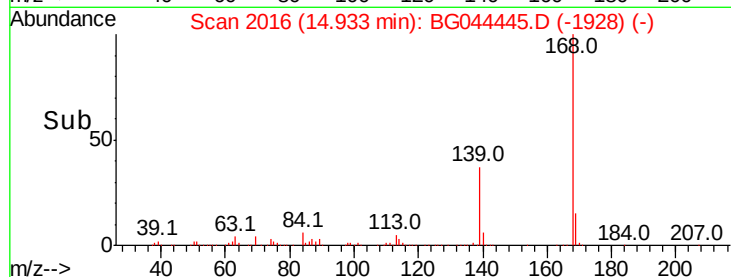
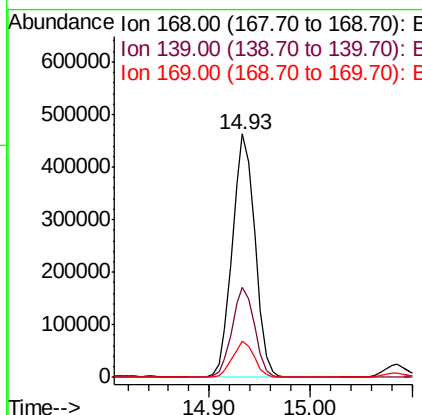
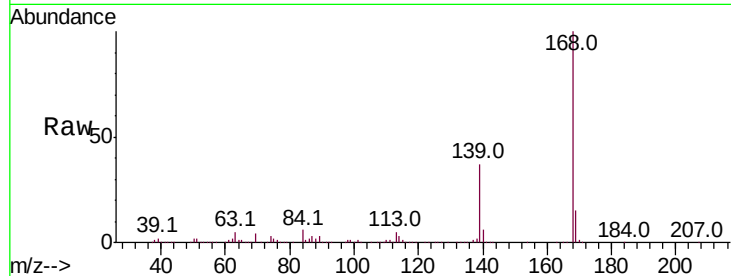
#55
Dibenzofuran
Concen: 49.532 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	14.7	11.7	17.5

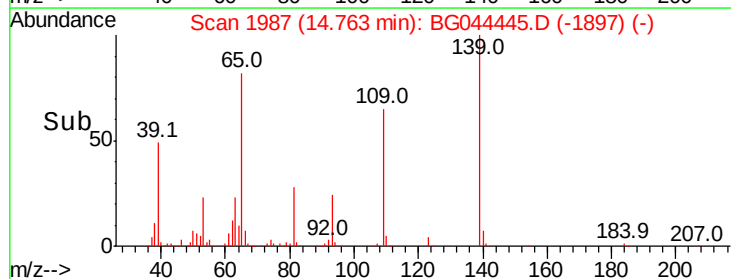
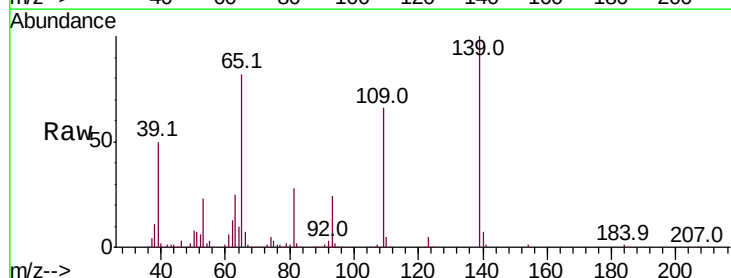
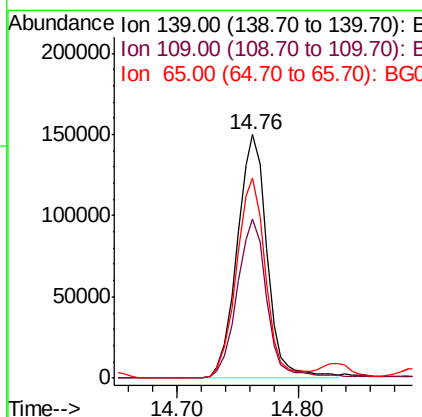
Manual Integrations
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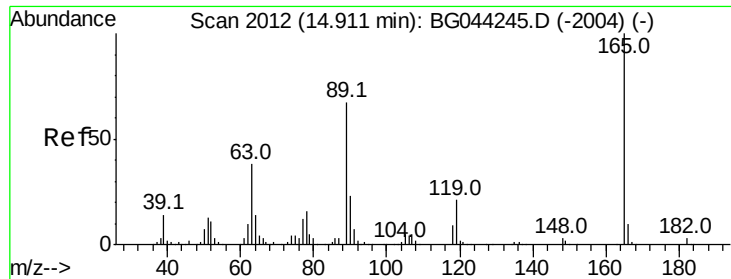
mohammad
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#56
4-Nitrophenol
Concen: 113.882 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.5	87.5
65	82.4	64.9	104.9





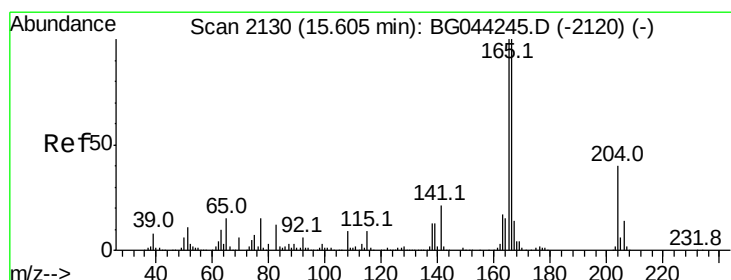
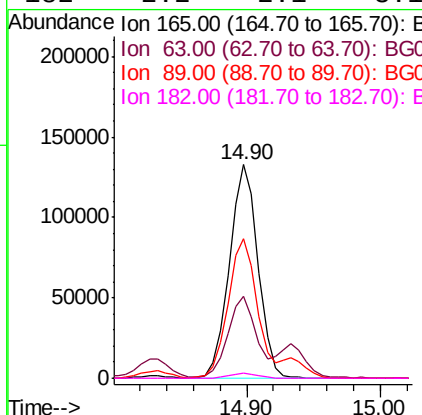
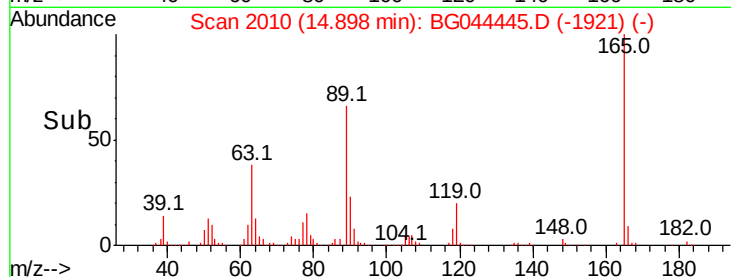
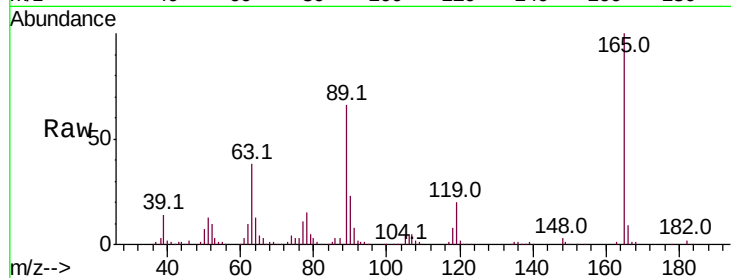
#57
 2,4-Dinitrotoluene
 Concen: 50.219 ng
 RT: 14.90 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197747		
63	38.4	30.3	45.5	
89	65.6	53.4	80.2	
182	2.2	2.1	3.1	

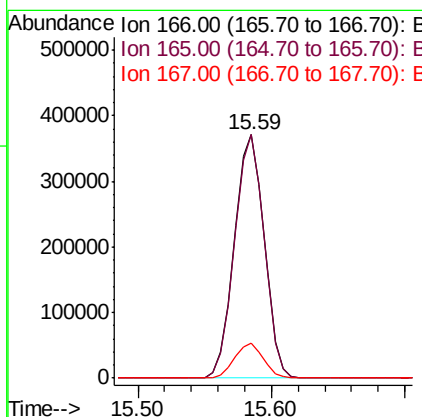
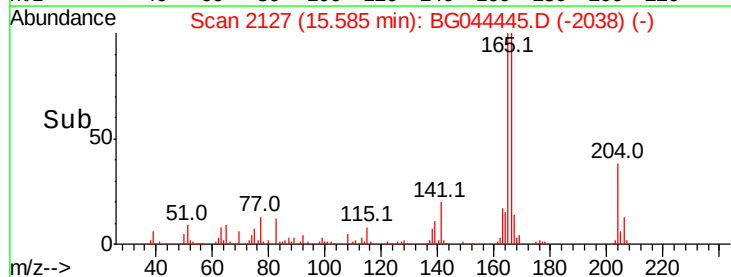
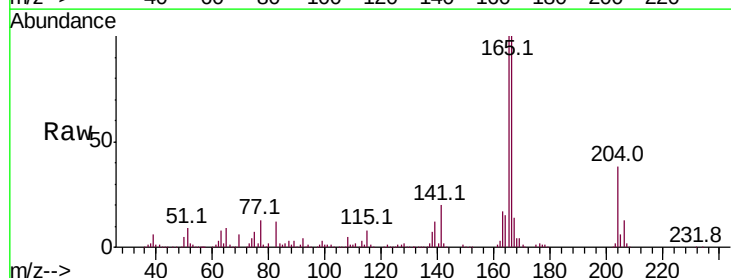
Manual Integrations
 APPROVED

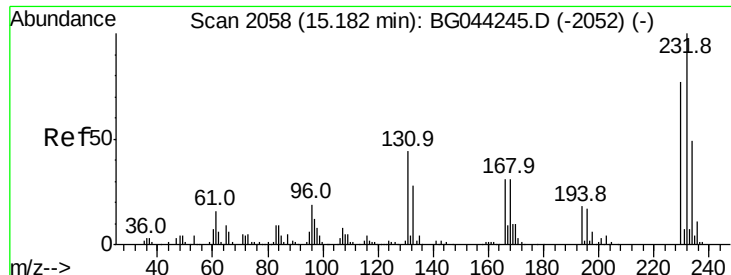
mohammad
 2/17/2020 3:48:37 PM



#58
 Fluorene
 Concen: 50.463 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	575611		
165	100.0	79.9	119.9	
167	14.2	11.4	17.0	





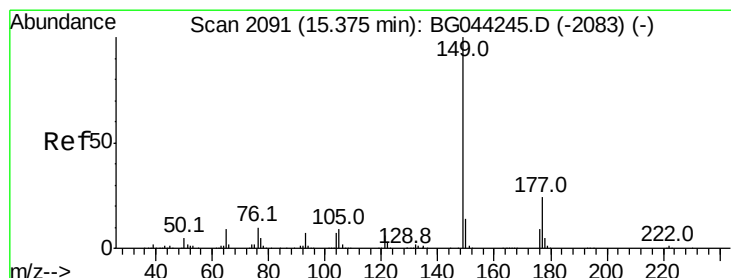
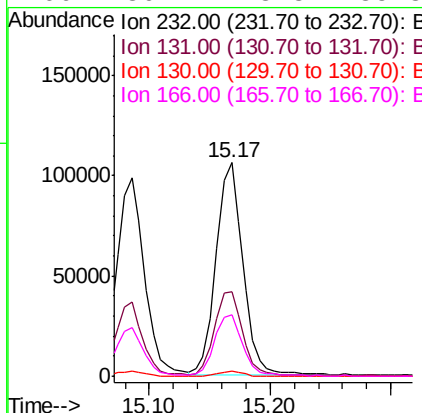
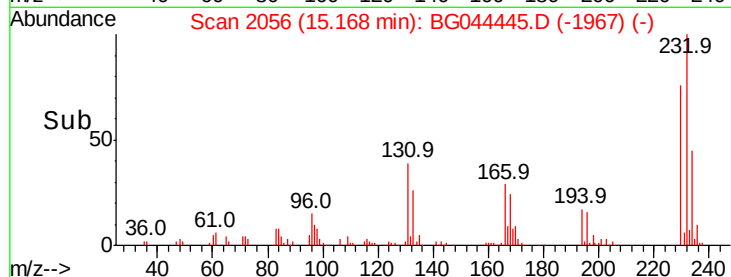
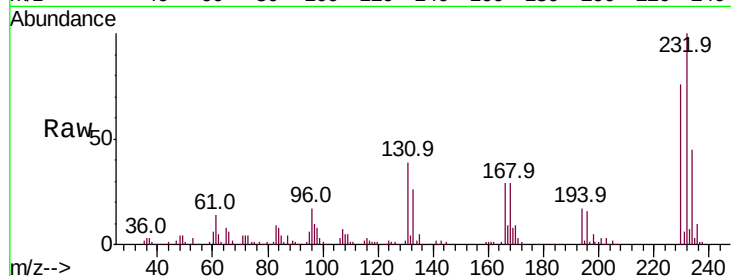
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.961 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	162478		
131	42.1		34.2	51.4
130	2.2		1.8	2.8
166	30.2		23.8	35.8

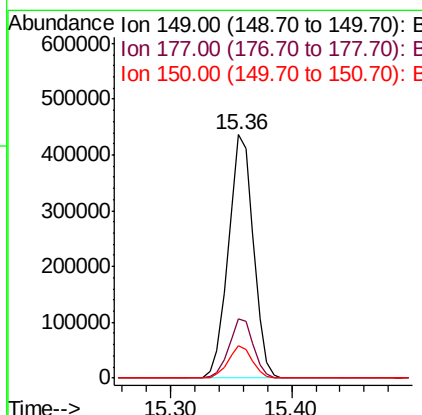
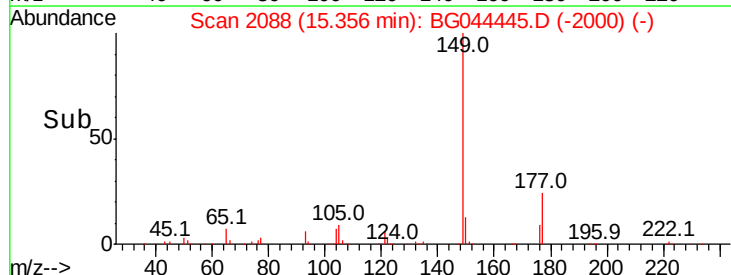
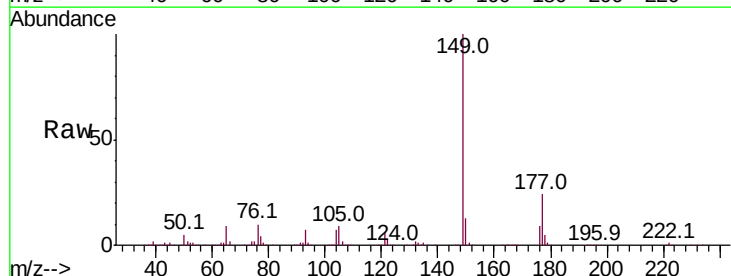
Manual Integrations
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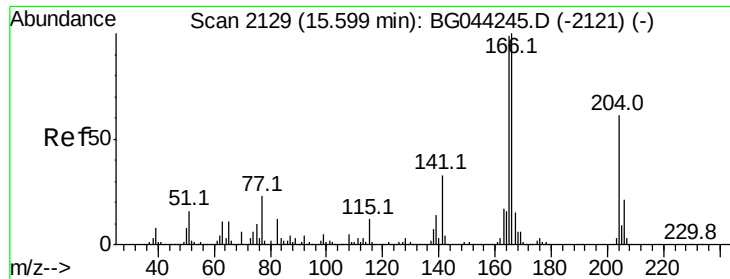
mohammad
 2/17/2020 3:48:37 PM



#60
 Diethylphthalate
 Concen: 49.817 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	625464		
177	24.1		19.4	29.0
150	13.1		10.9	16.3





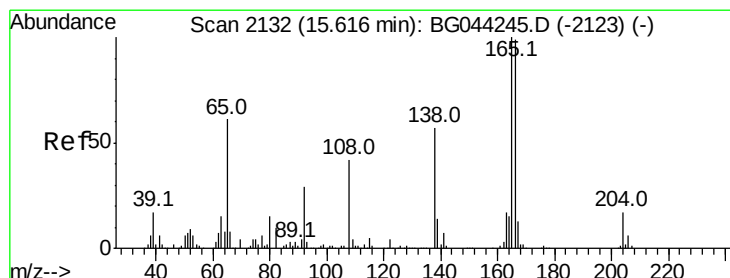
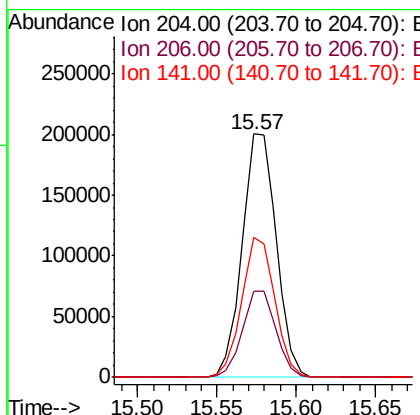
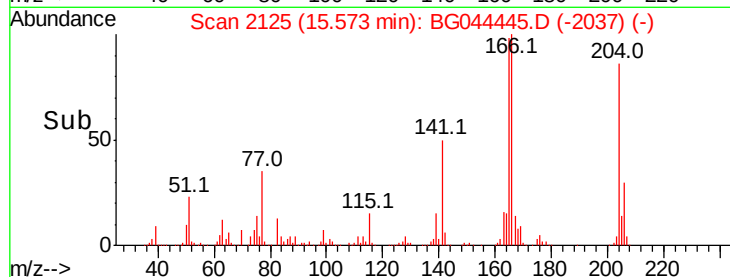
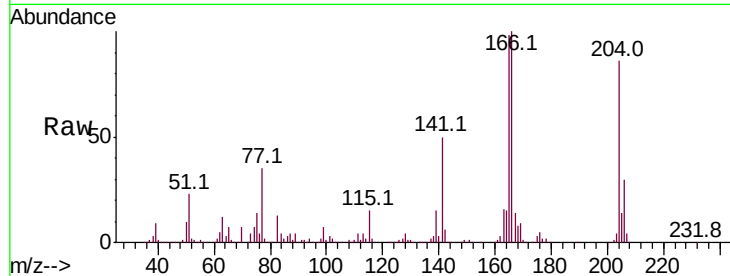
#61
4-Chlorophenyl-phenylether
Concen: 48.292 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.6	41.4
141	57.7	43.4	65.0

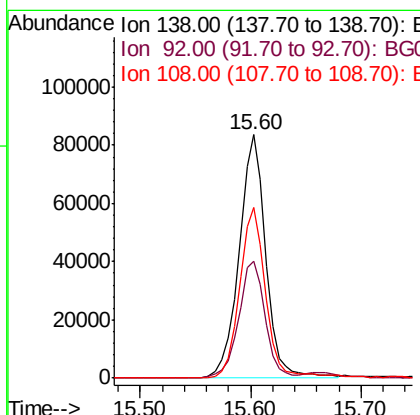
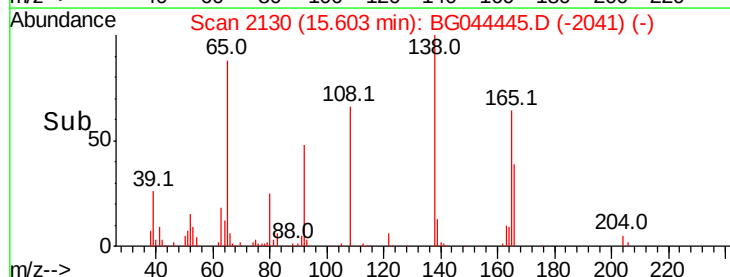
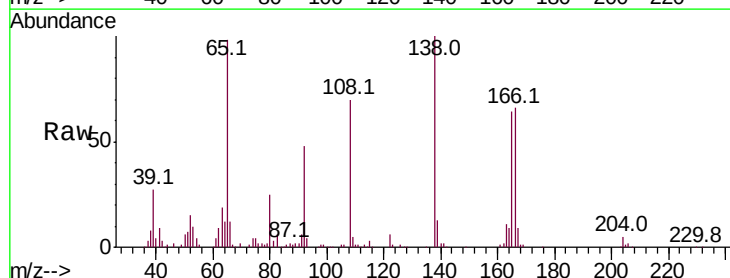
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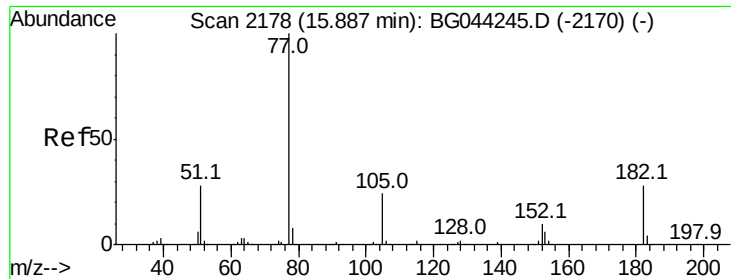
mohammad
2/17/2020 3:48:37 PM



#62
4-Nitroaniline
Concen: 45.693 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	31.3	71.3
108	69.9	52.6	92.6





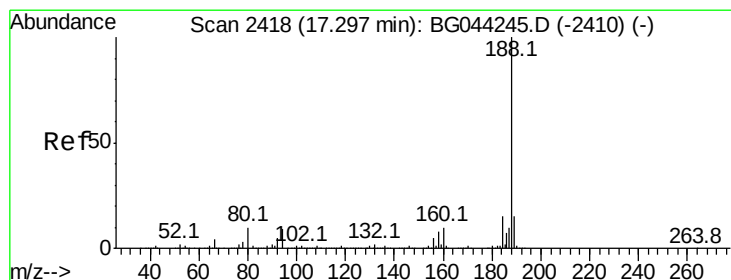
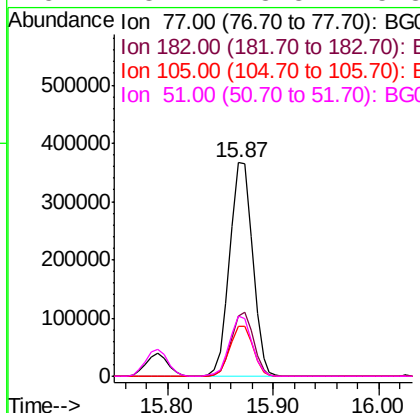
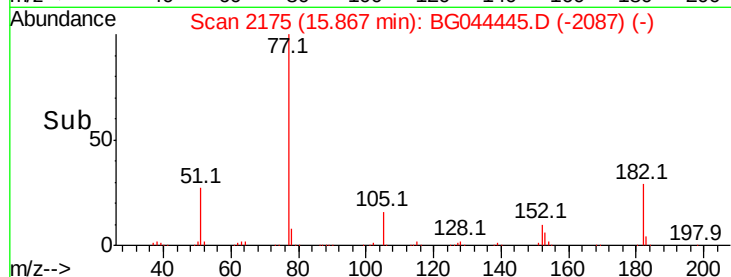
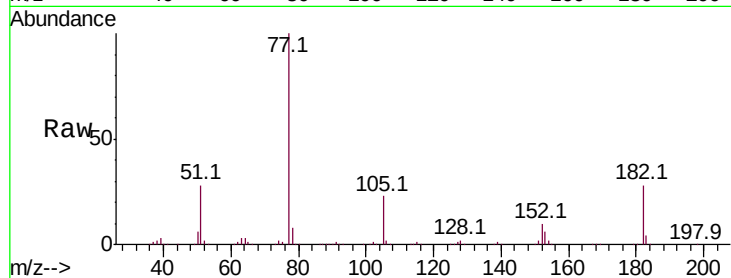
#63
Azobenzene
Concen: 50.003 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.2	8.2	48.2	
105	23.1	3.6	43.6	
51	28.2	8.3	48.3	

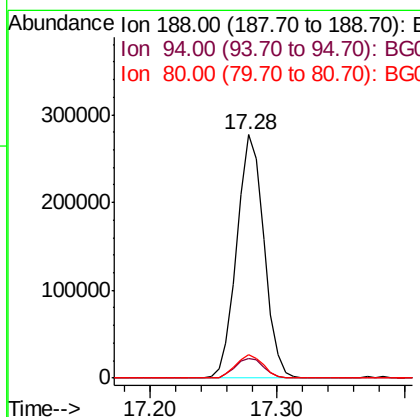
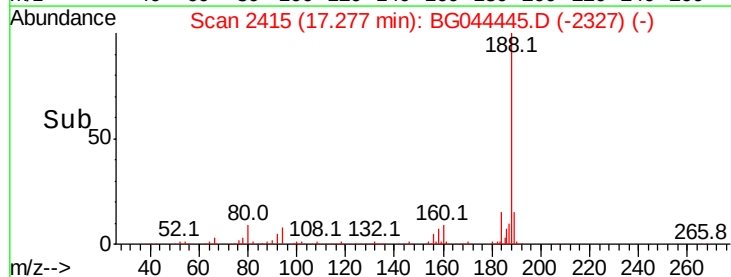
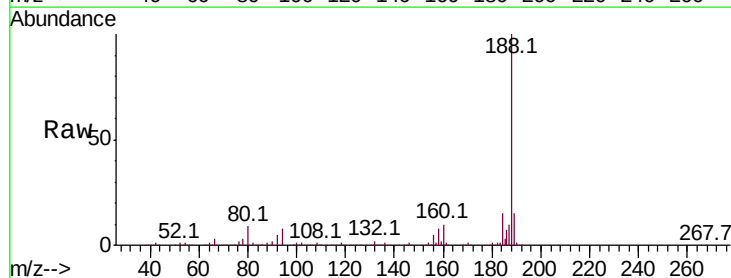
Manual Integrations
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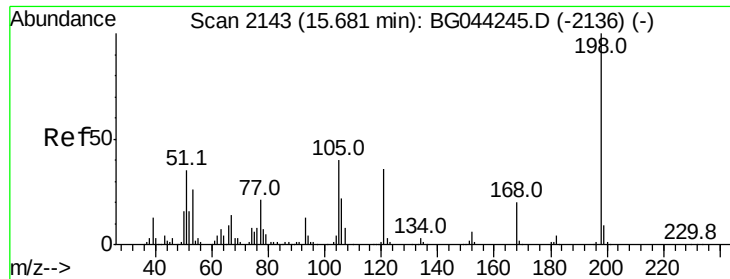
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	7.4	11.2	
80	9.4	7.7	11.5	





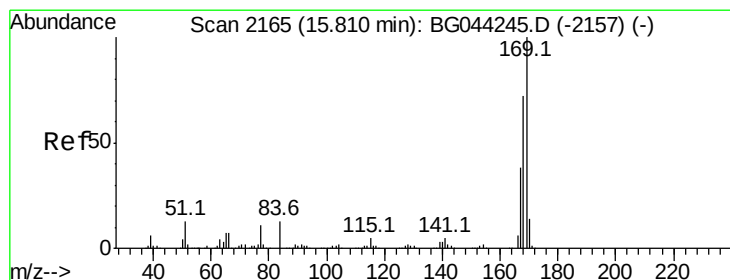
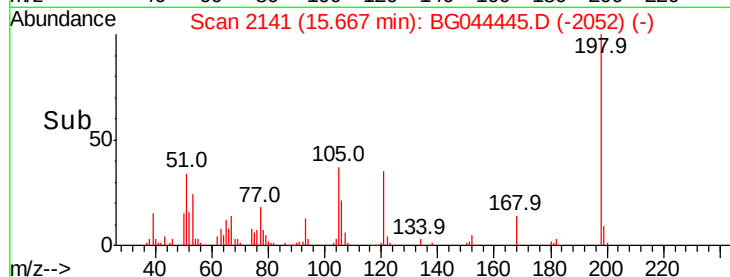
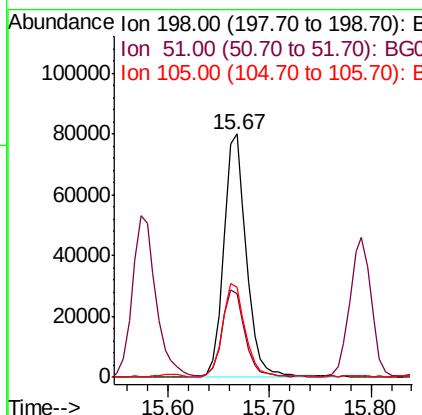
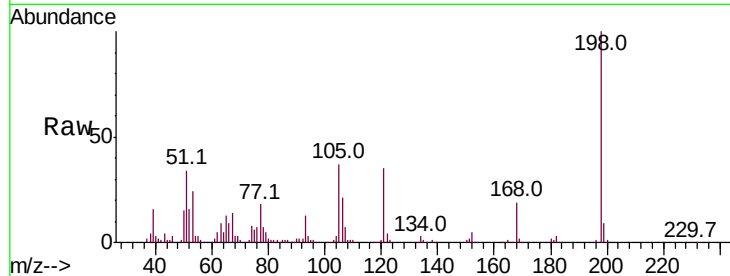
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.672 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.1	16.6	56.6
105	36.9	20.6	60.6

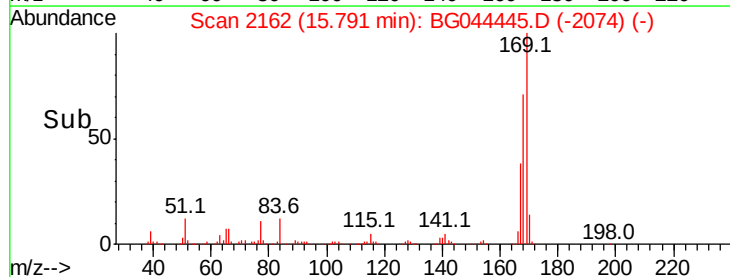
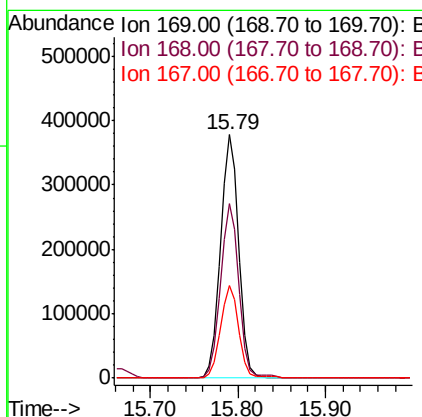
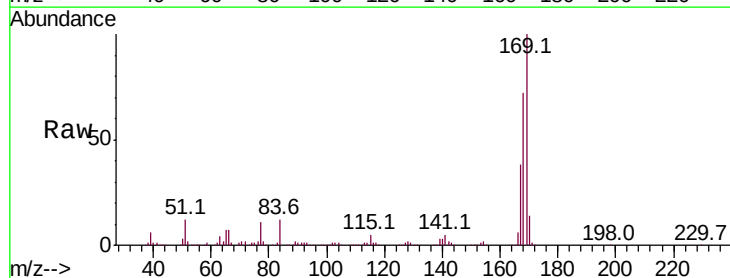
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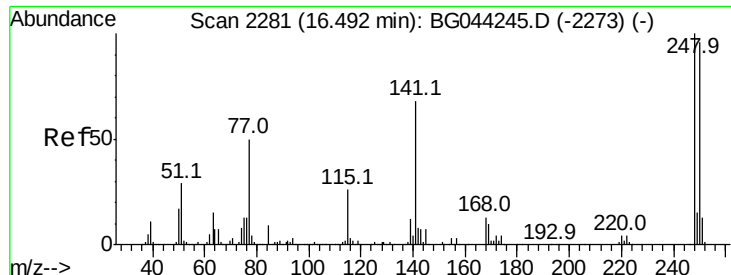
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#66
 n-Nitrosodiphenylamine
 Concen: 47.296 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.9	86.9
167	38.0	30.7	46.1





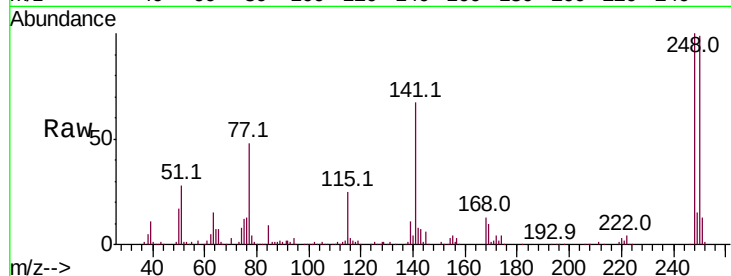
#67
 4-Bromophenyl-phenylether
 Concen: 44.866 ng
 RT: 16.47 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.6	114.8
141	66.8	54.7	82.1

Manual Integrations
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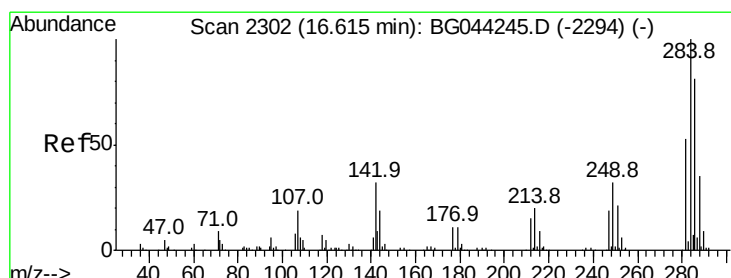
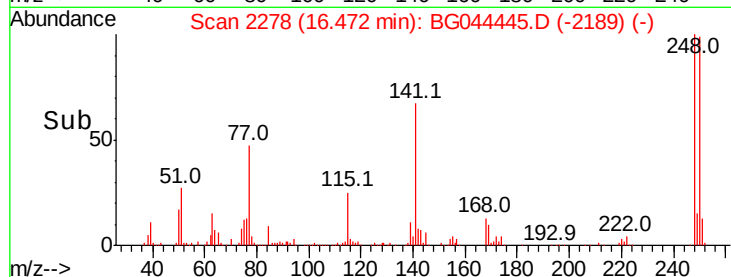
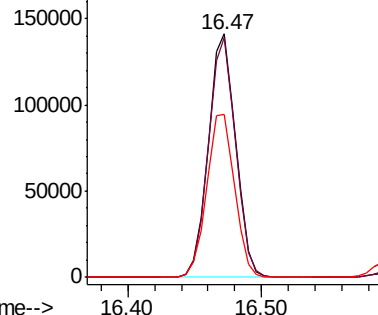


Abundance

Ion 248.00 (247.70 to 248.70): E

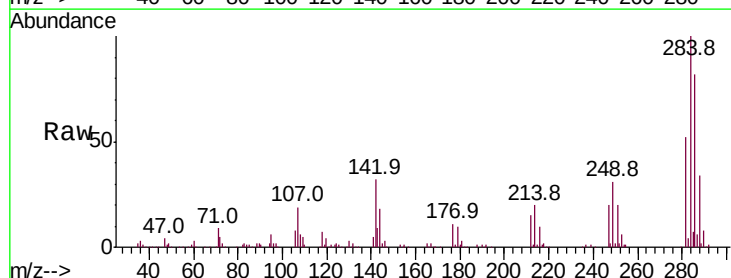
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.644 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.3	37.9
249	31.4	25.5	38.3

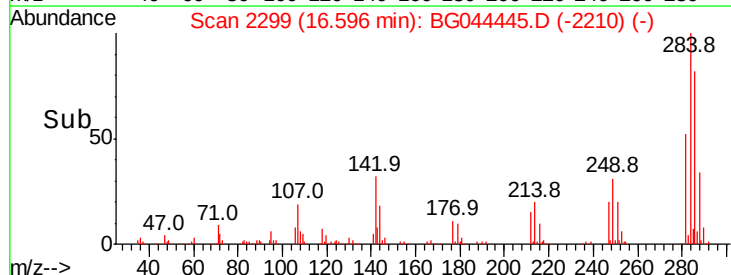
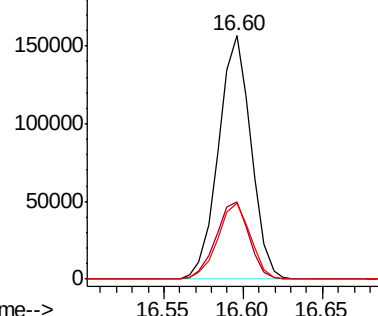


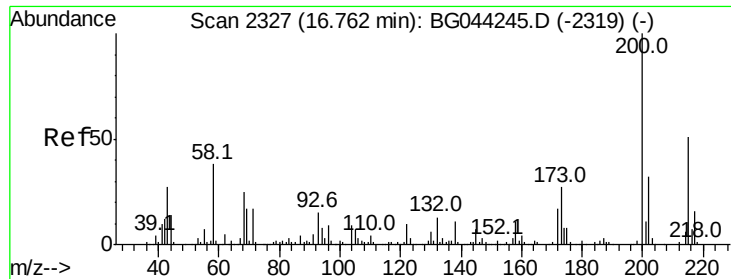
Abundance

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





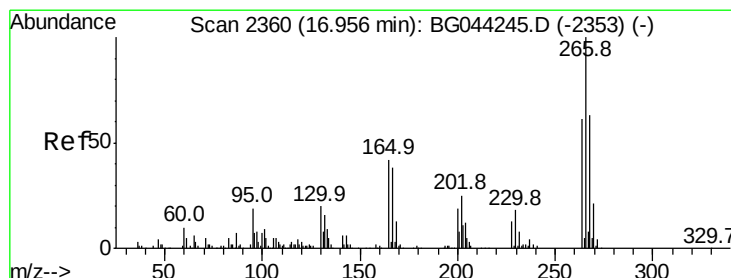
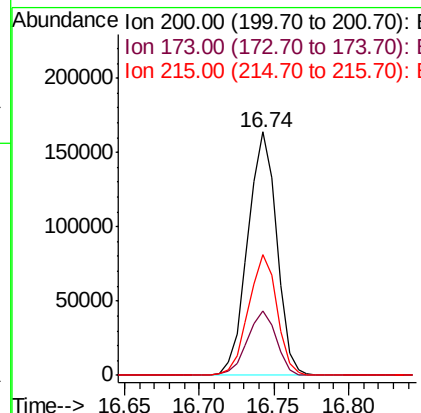
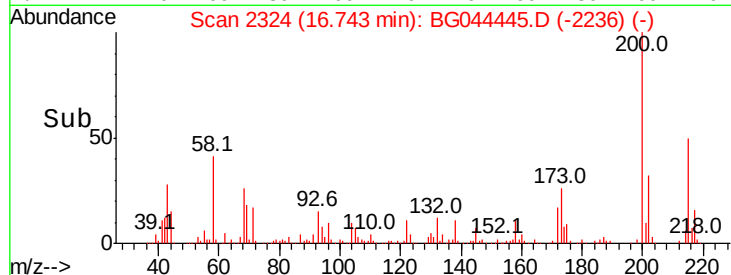
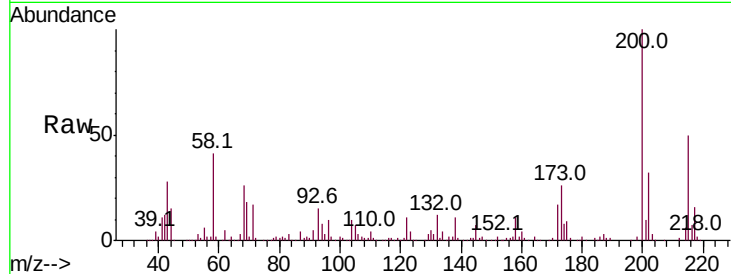
#69
 Atrazine
 Concen: 55.707 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	219441		
173	26.3	6.6	46.6	
215	49.7	31.0	71.0	

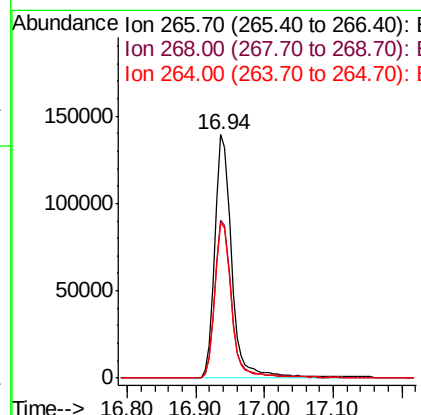
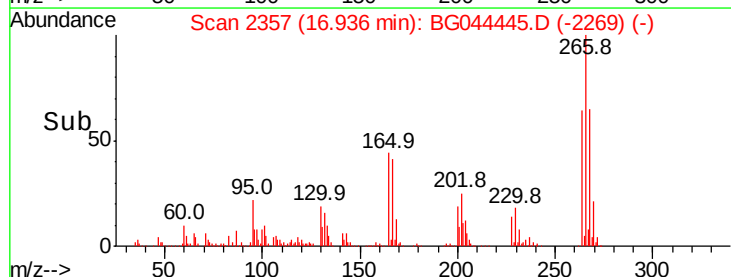
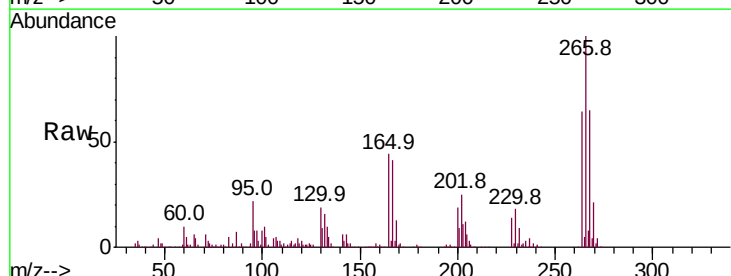
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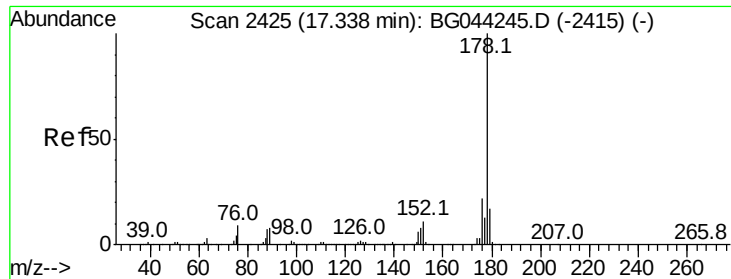
mohammad
 2/17/2020 3:48:37 PM



#70
 Pentachlorophenol
 Concen: 94.303 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	240189		
268	64.7	50.6	75.8	
264	63.6	48.7	73.1	





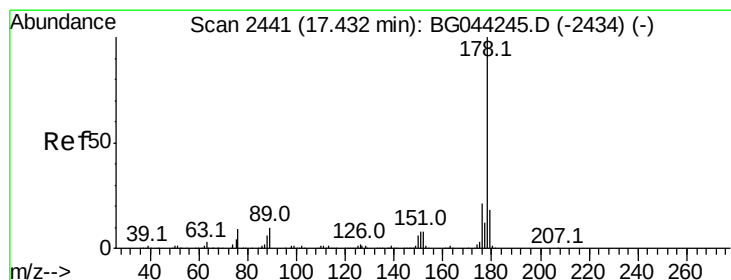
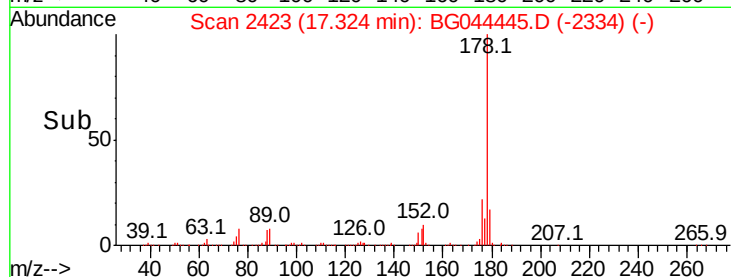
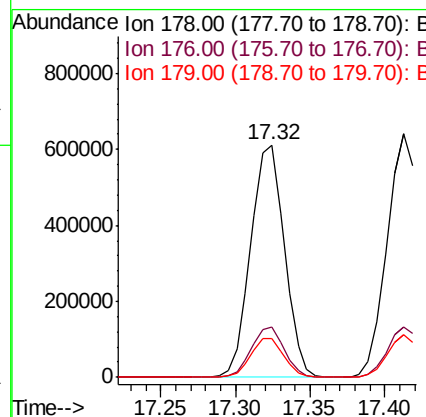
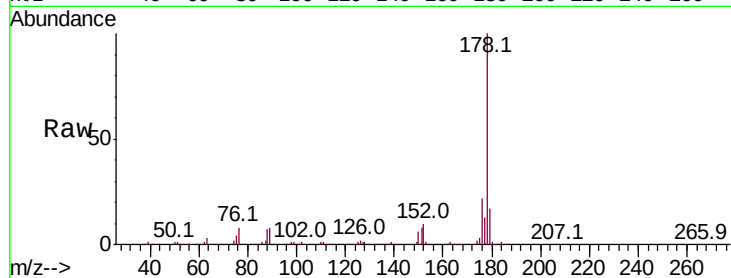
#71
Phenanthrene
Concen: 48.141 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.7	26.5
179	16.8	13.7	20.5

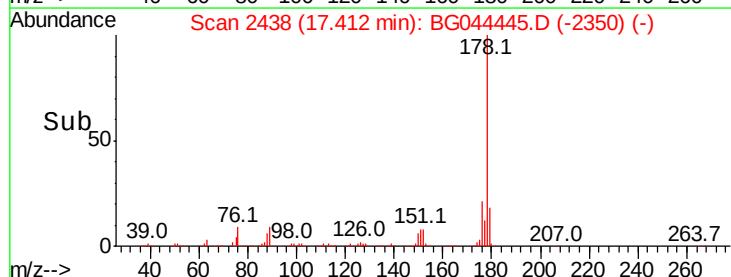
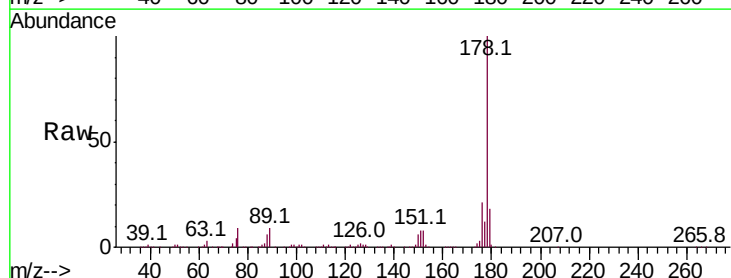
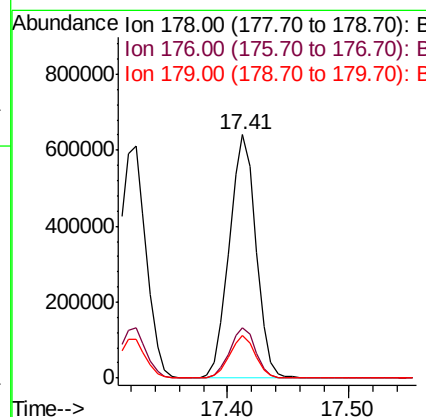
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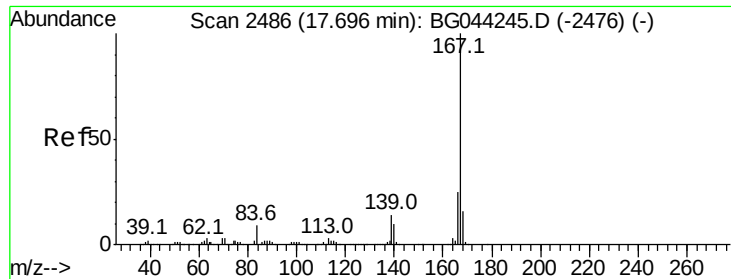
mohammad
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#72
Anthracene
Concen: 50.063 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.0	25.4
179	17.6	14.4	21.6





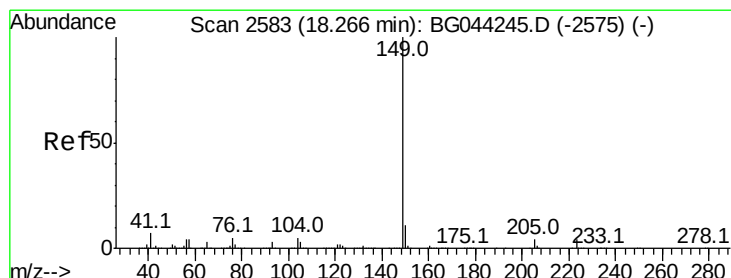
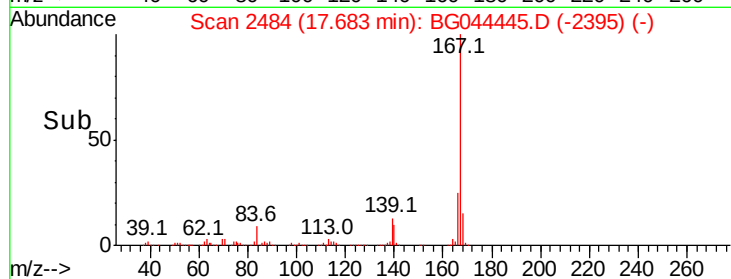
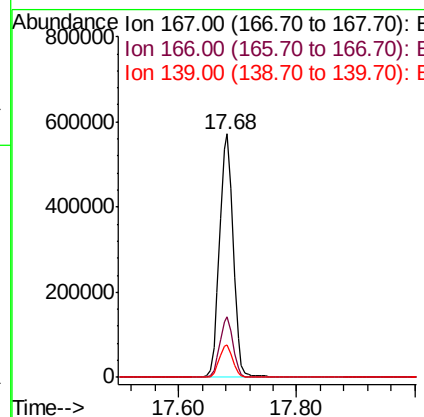
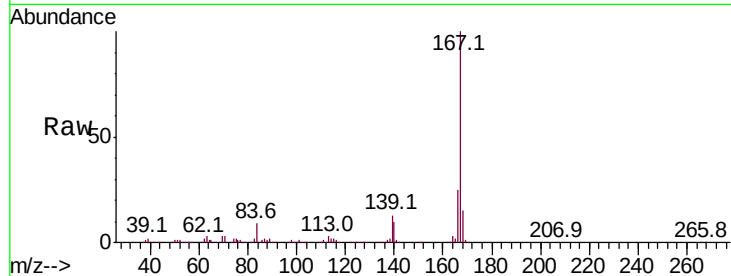
#73
 Carbazole
 Concen: 51.233 ng
 RT: 17.68 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	24.7	19.8	29.6	
139	13.5	11.1	16.7	

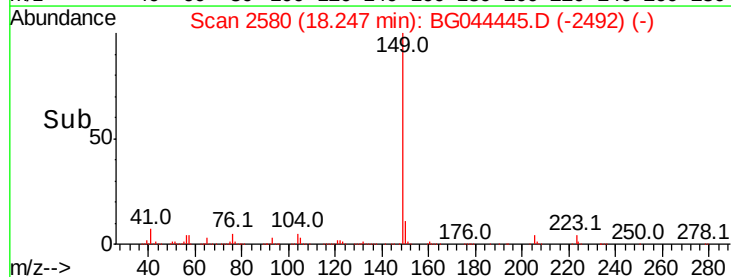
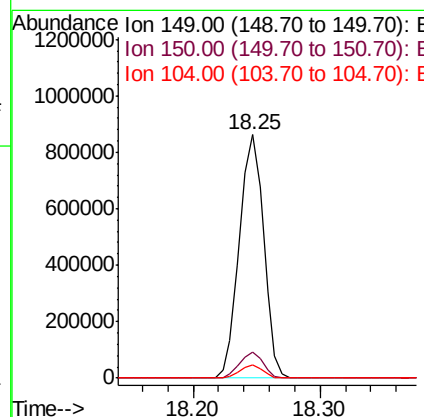
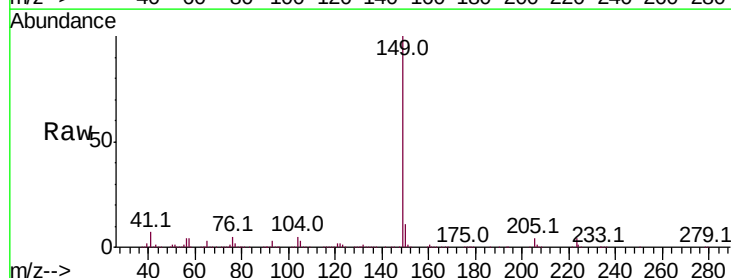
Manual Integrations
 APPROVED

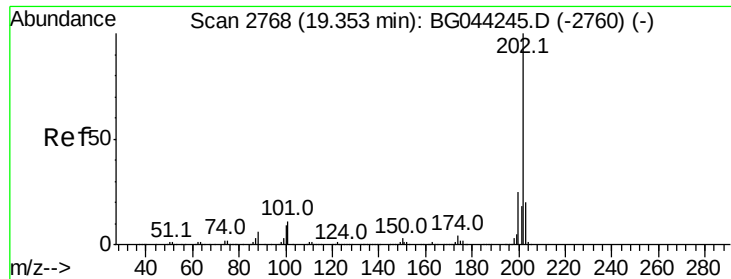
mohammad
 2/17/2020 3:48:37 PM



#74
 Di-n-butylphthalate
 Concen: 51.066 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.5	8.7	13.1	
104	5.3	4.3	6.5	





#75

Fluoranthene

Concen: 52.247 ng

RT: 19.33 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

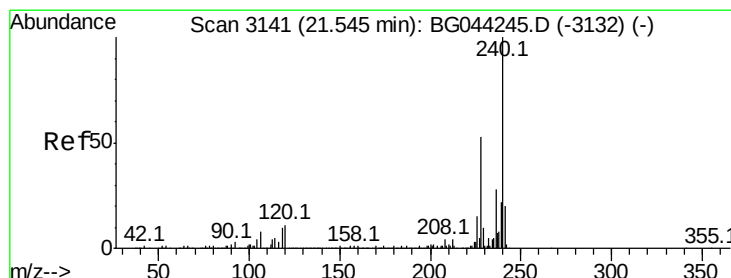
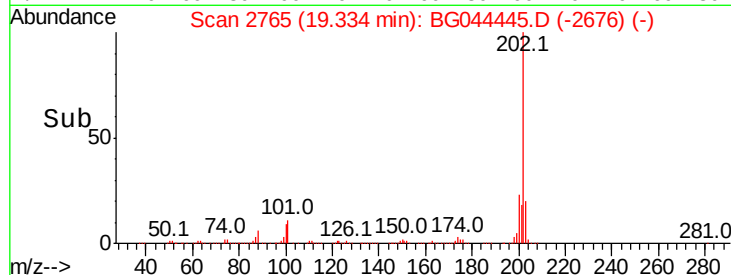
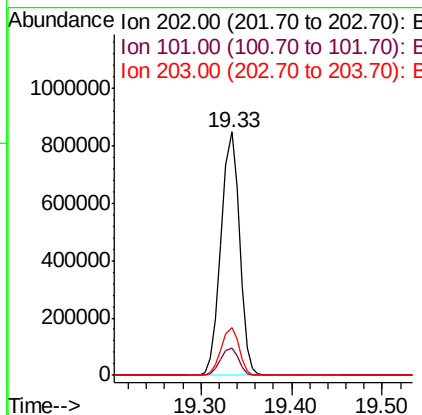
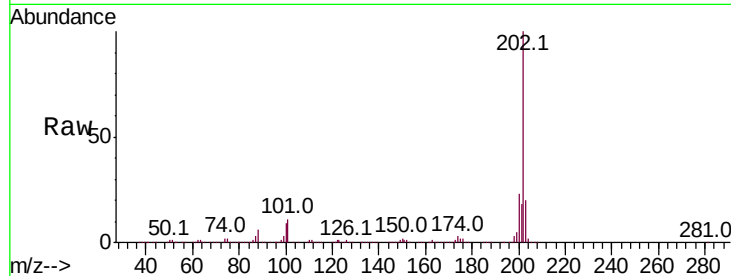
ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion:	202	Resp:	1200264
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.3
203	19.6	0.0	39.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

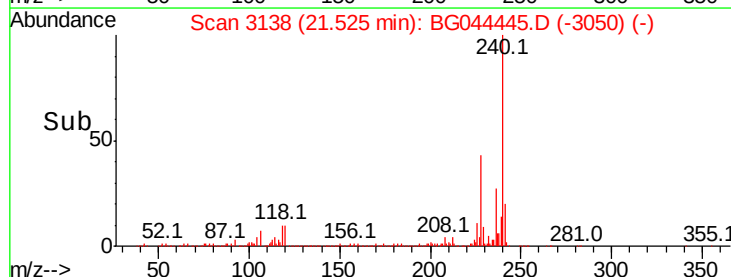
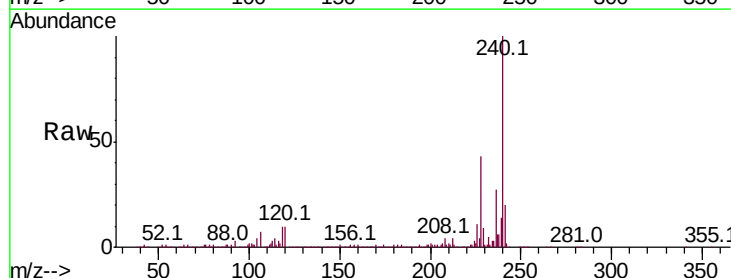
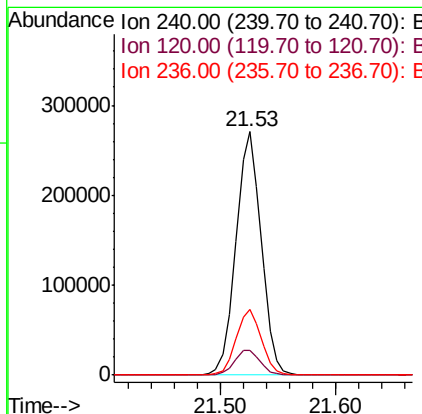
RT: 21.53 min Scan# 3138

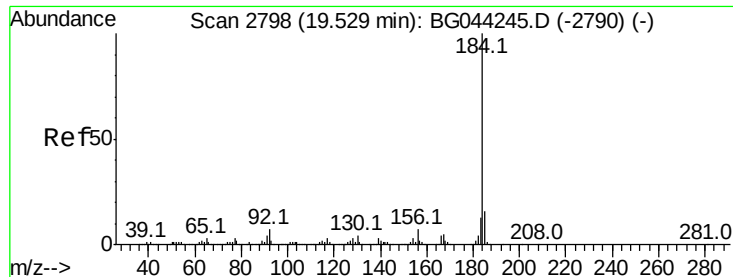
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	240	Resp:	409466
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.4	12.6
236	26.8	22.1	33.1





#77

Benzidine

Concen: 41.693 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

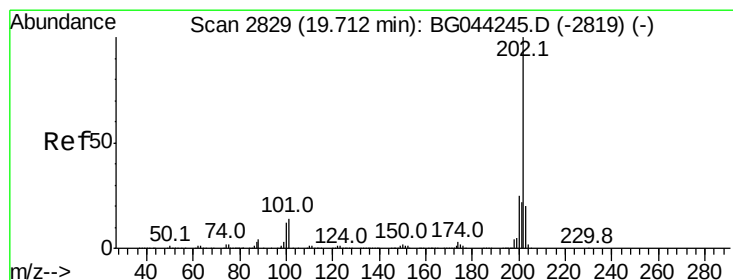
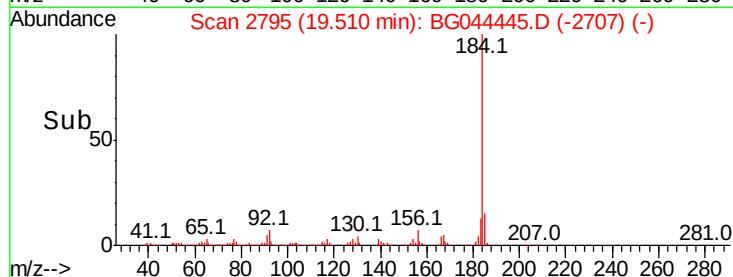
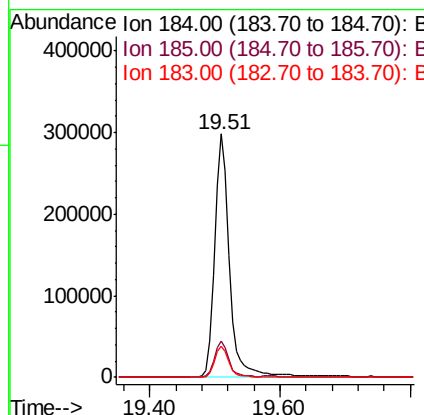
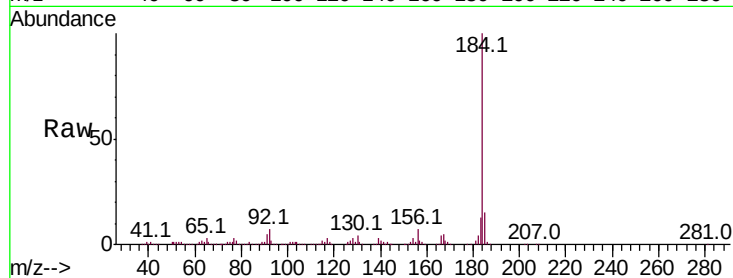
ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion:	184	Resp:	473529
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	13.0	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 46.108 ng

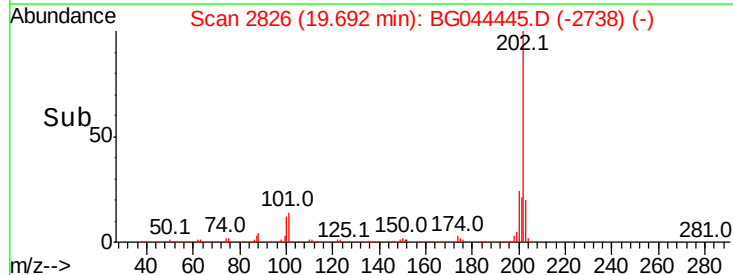
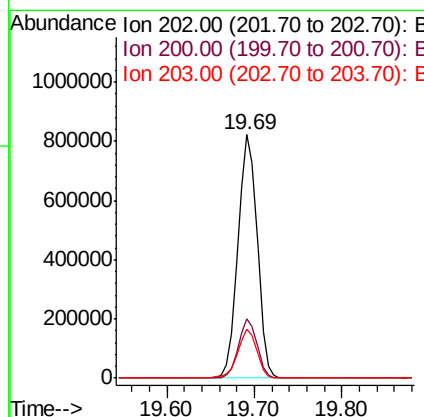
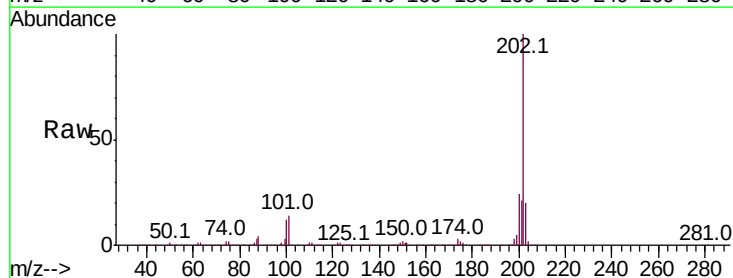
RT: 19.69 min Scan# 2826

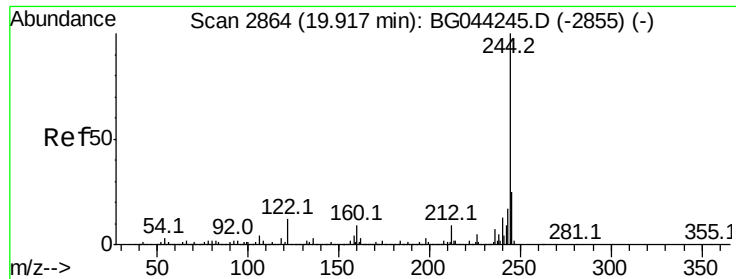
Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:	202	Resp:	1212449
Ion Ratio	Lower	Upper	
202	100		
200	24.3	20.0	30.0
203	20.0	16.2	24.2





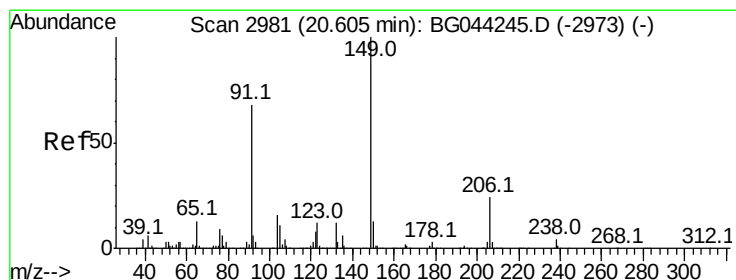
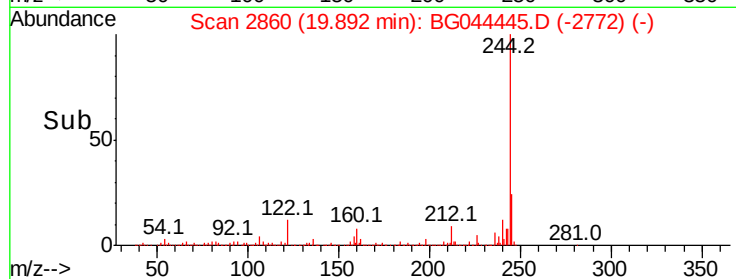
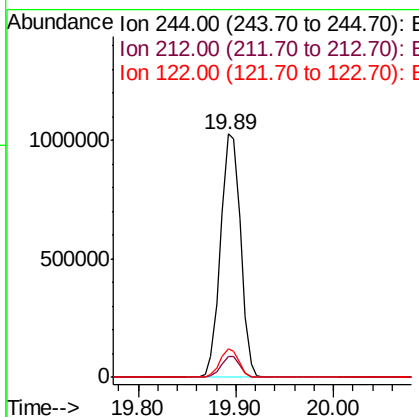
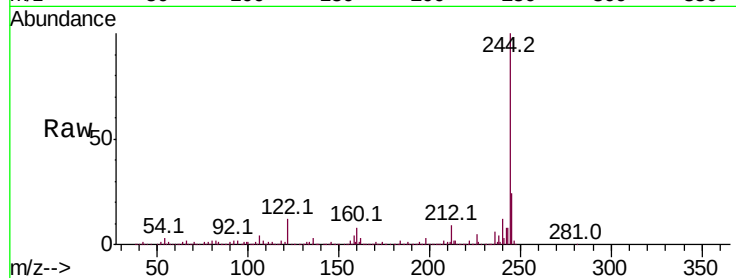
#79
Terphenyl-d14
Concen: 73.667 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	11.9	9.8	14.6

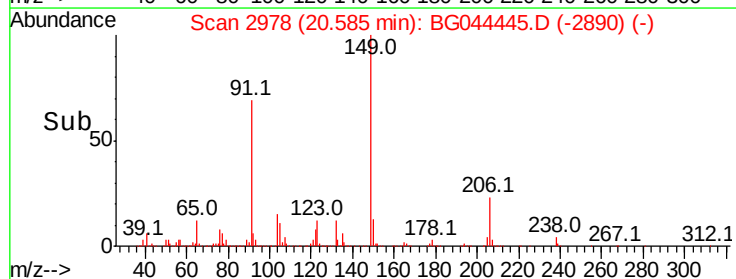
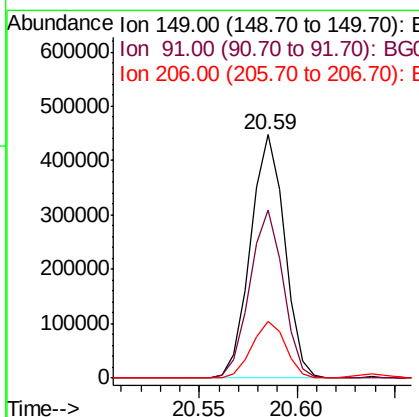
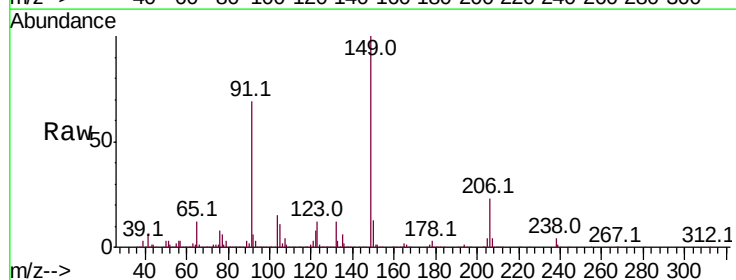
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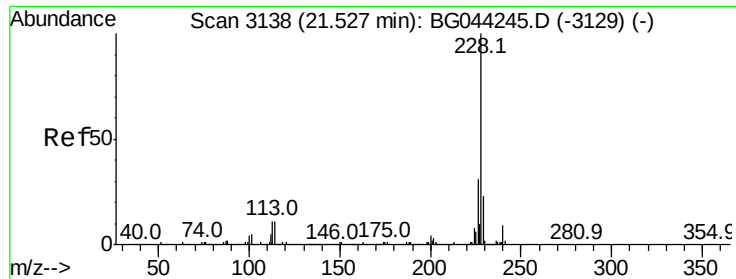
mohammad
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#80
Butylbenzylphthalate
Concen: 45.218 ng
RT: 20.59 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.5	81.7
206	23.5	19.1	28.7





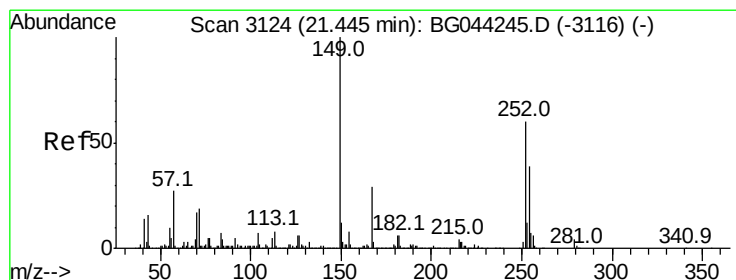
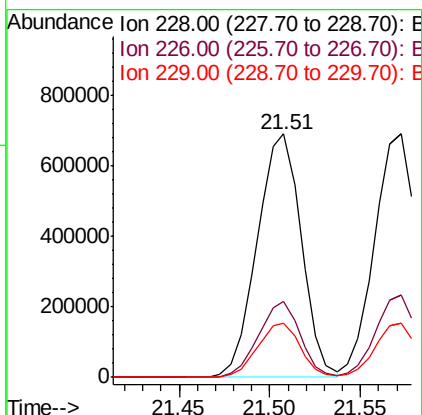
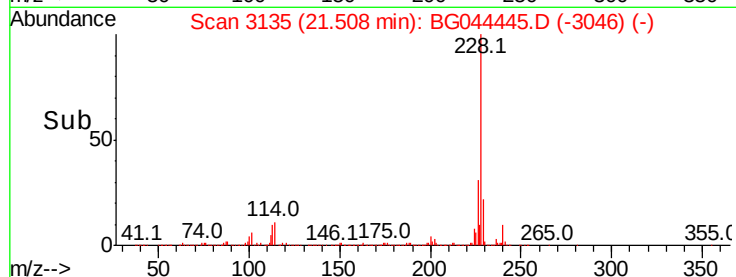
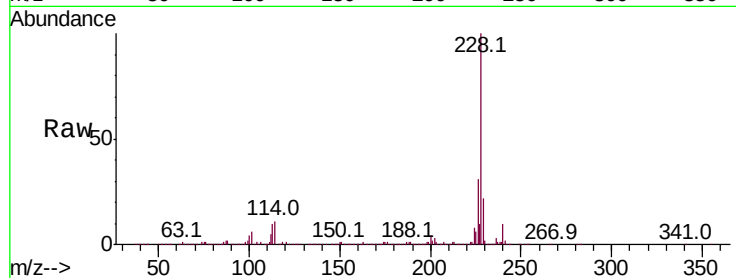
#81
Benzo(a)anthracene
Concen: 46.171 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	22.1	18.2	27.4

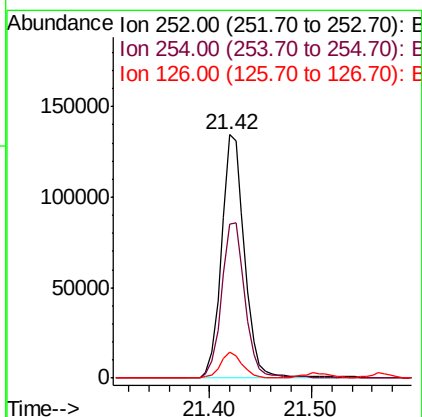
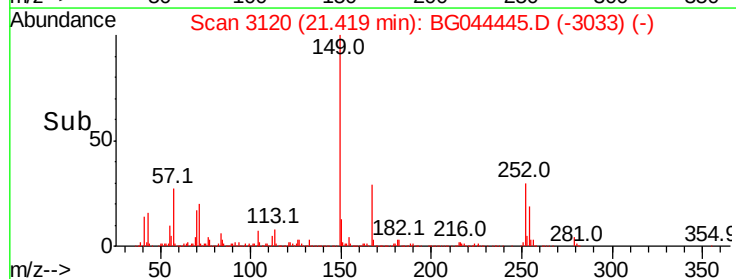
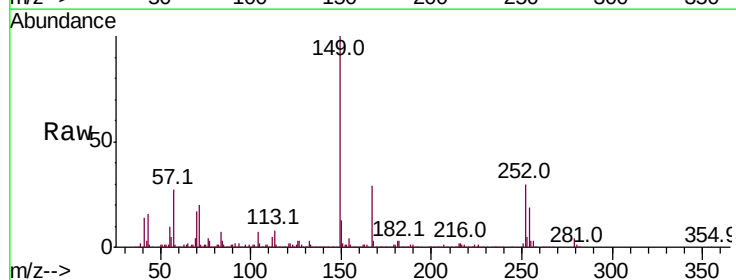
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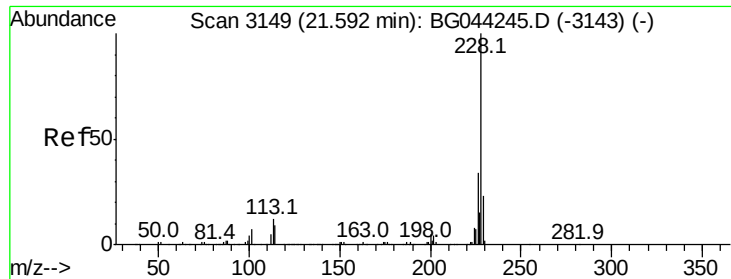
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 21.571 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.6	78.8
126	10.7	8.2	12.4





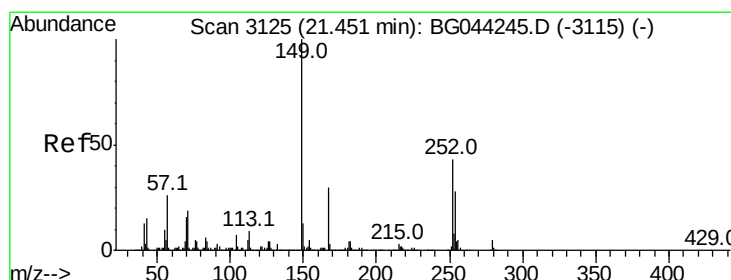
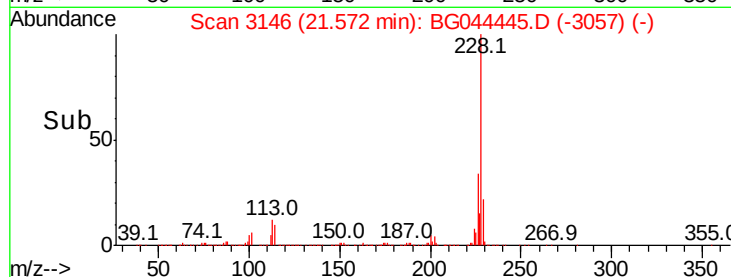
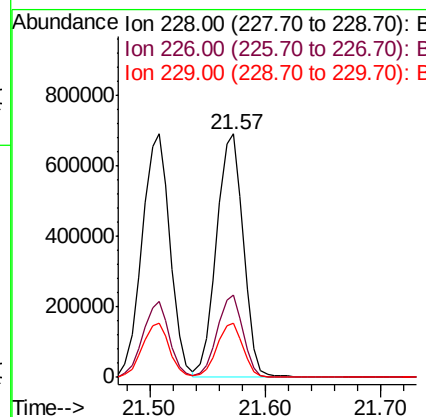
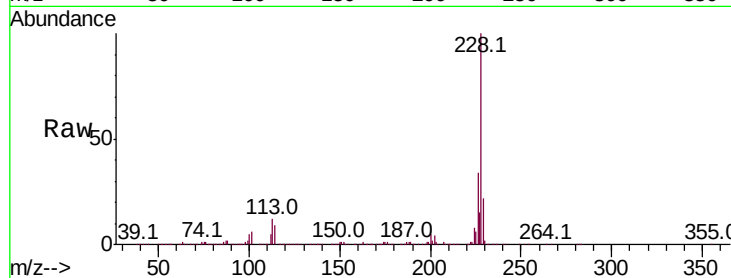
#83
 Chrysene
 Concen: 45.370 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.1	40.7
229	22.1	17.9	26.9

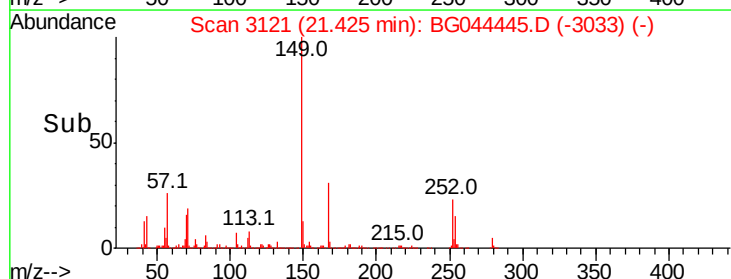
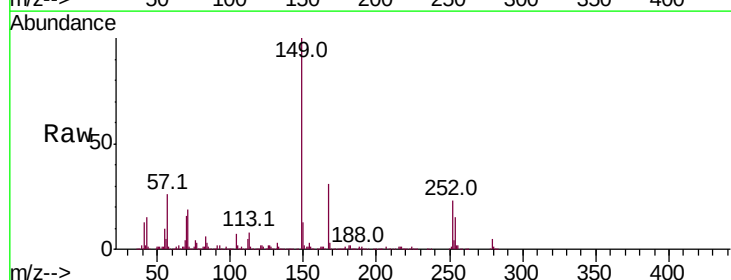
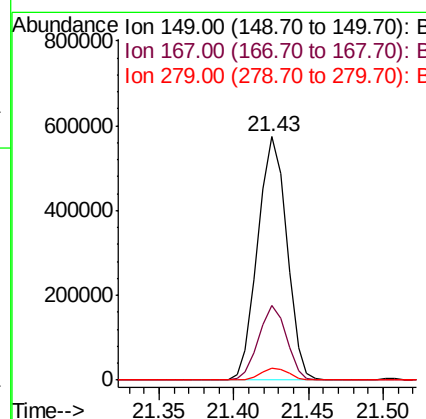
Manual Integrations
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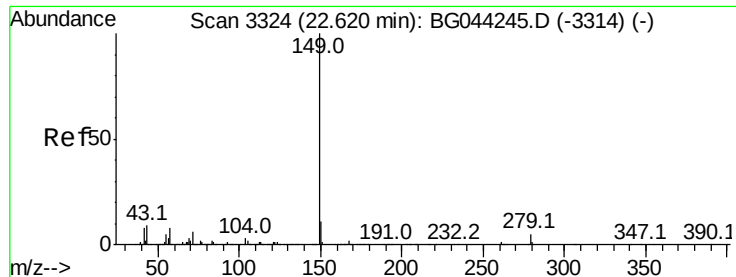
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.687 ng
 RT: 21.43 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.0	36.0
279	4.7	3.8	5.8





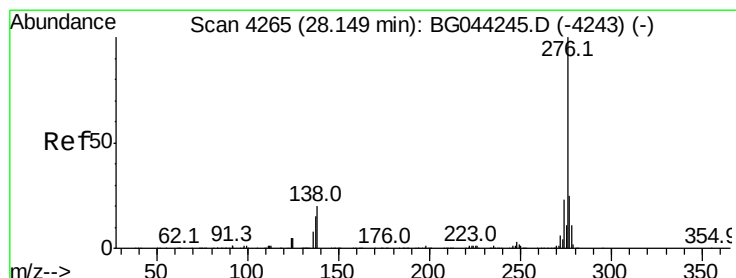
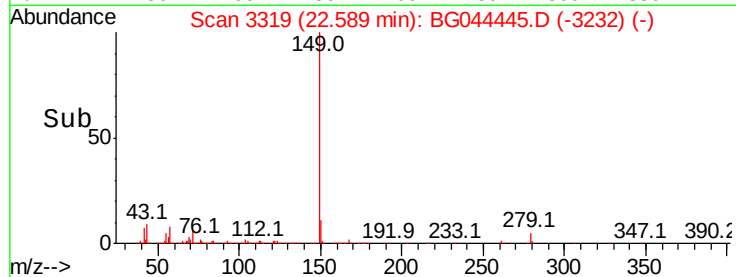
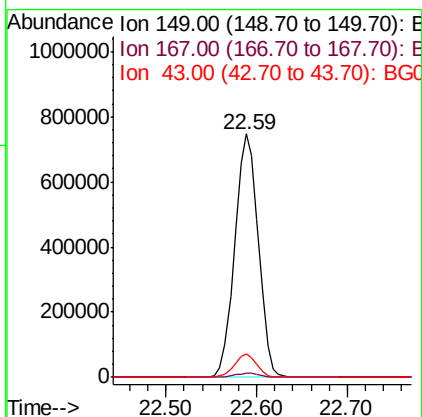
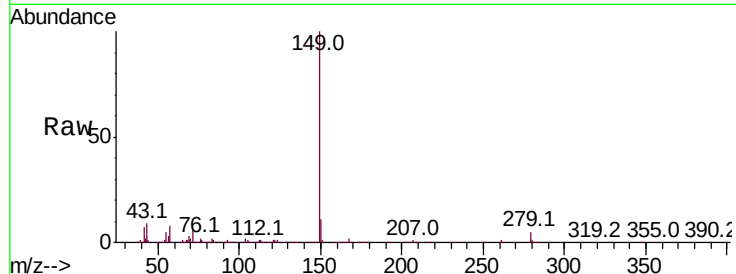
#85
Di-n-octyl phthalate
Concen: 47.115 ng
RT: 22.59 min Scan# 3319
Delta R.T. -0.02 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.4	11.0

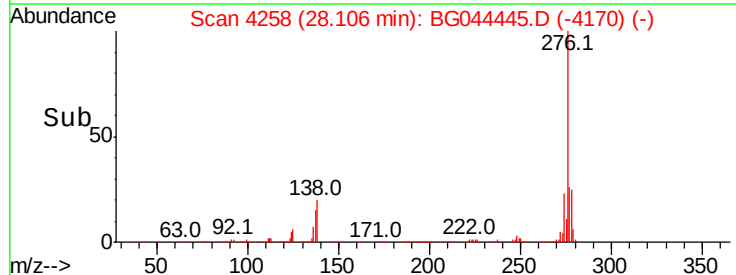
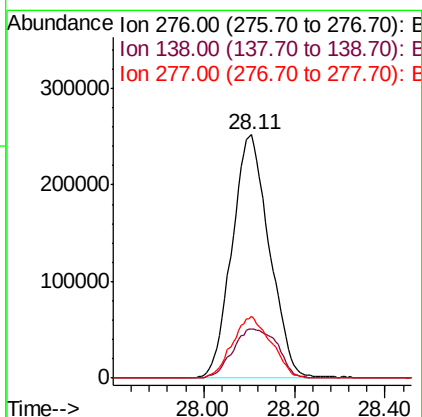
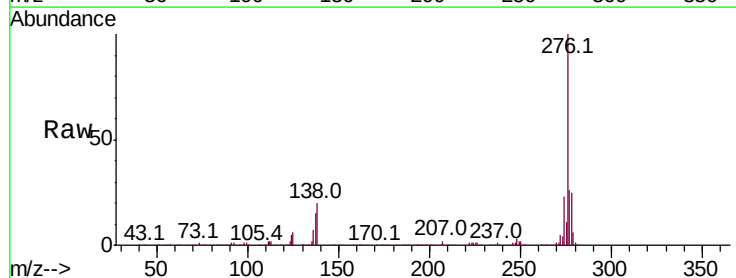
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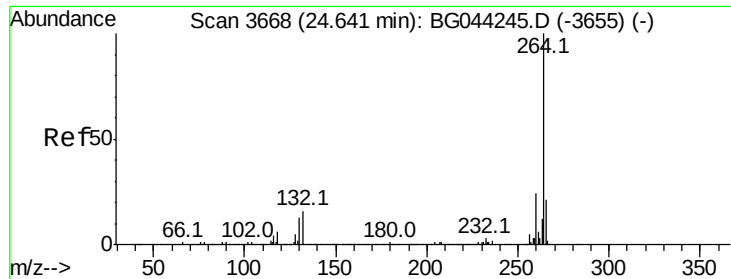
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.283 ng
RT: 28.11 min Scan# 4258
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	26.4	21.0	31.6





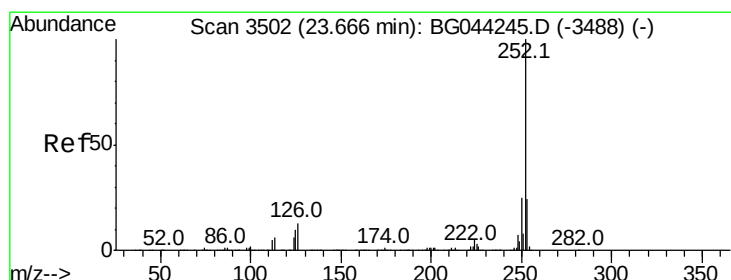
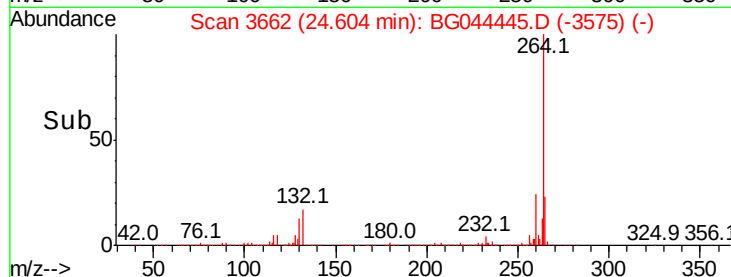
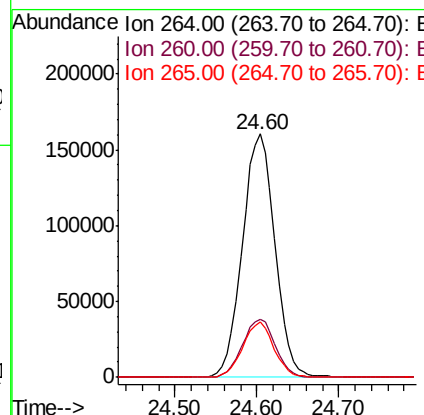
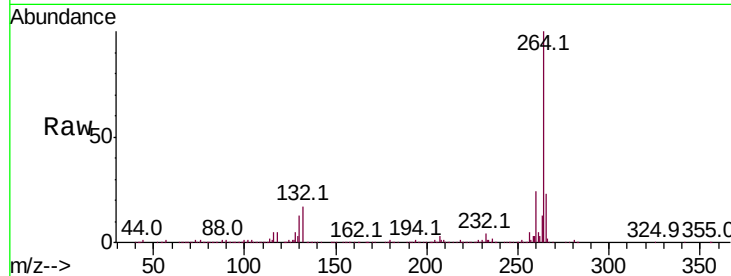
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.8	16.7	25.1

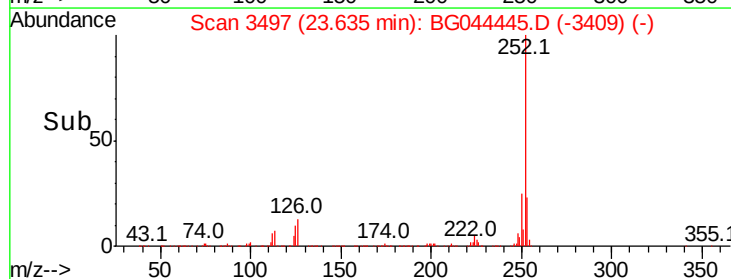
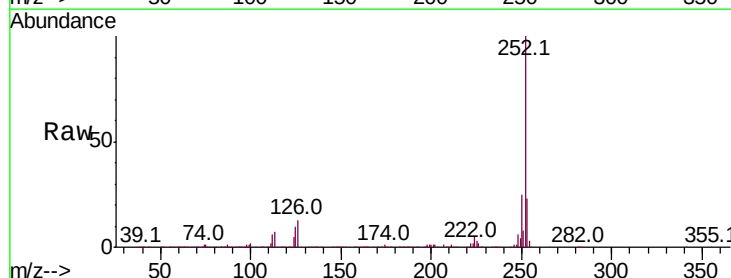
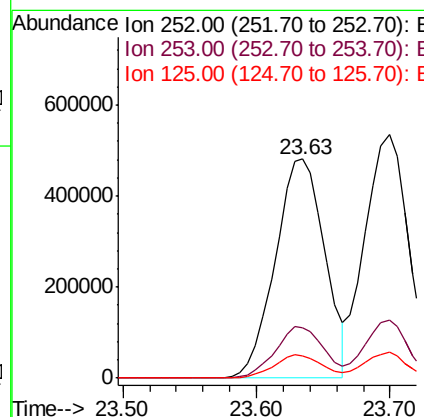
Manual Integrations
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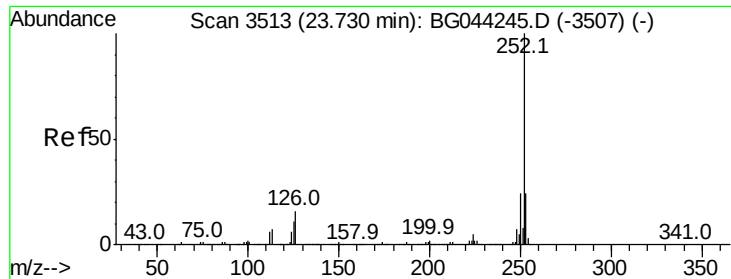
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.479 ng
RT: 23.63 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.3	8.4	12.6





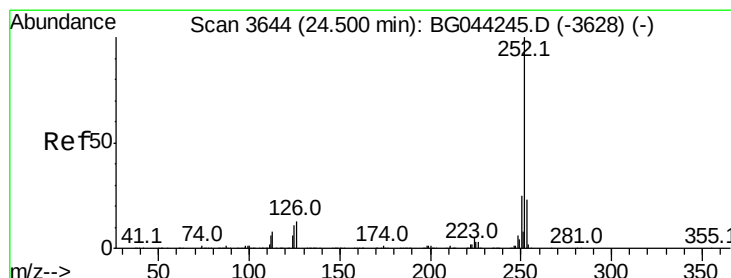
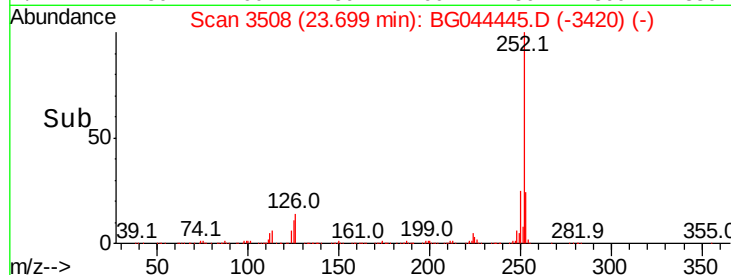
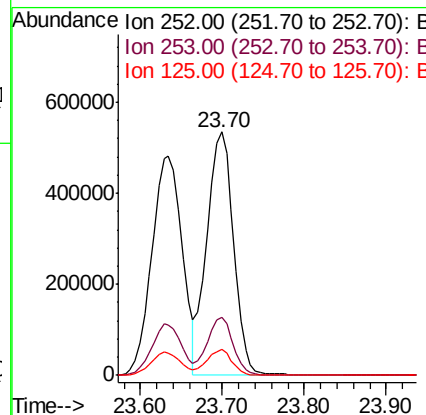
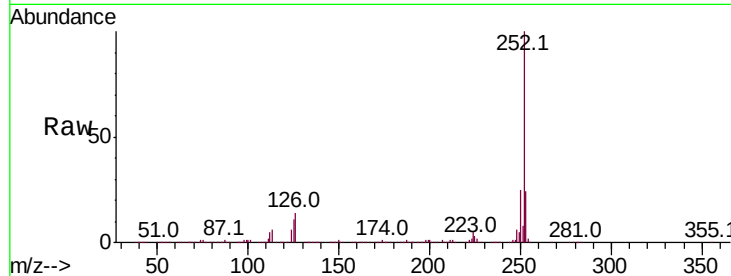
#89
Benzo(k)fluoranthene
Concen: 48.764 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.1	28.7
125	10.7	8.6	12.8

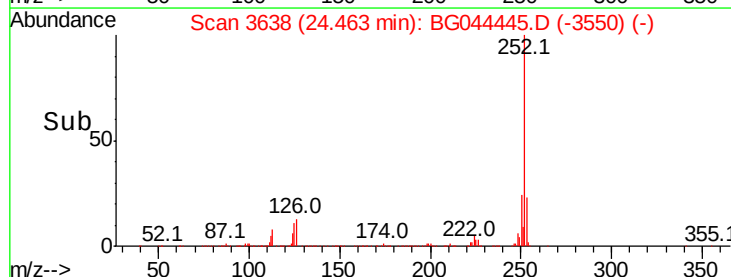
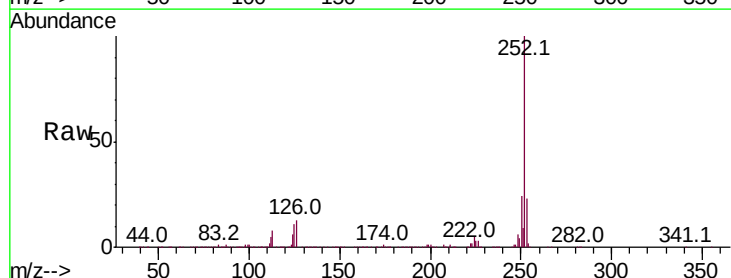
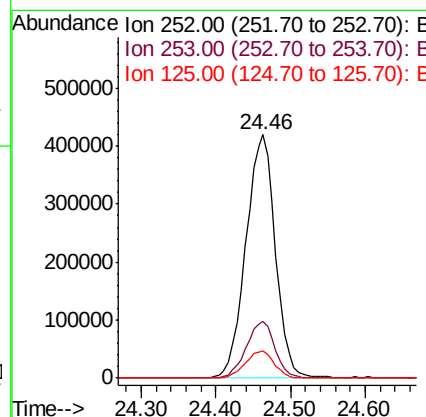
Manual Integrations
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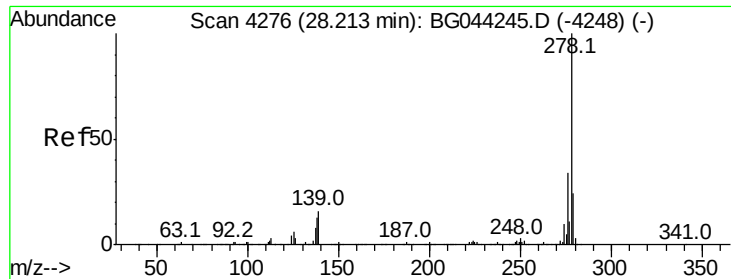
mohammad
2/17/2020 3:48:37 PM



#90
Benzo(a)pyrene
Concen: 47.288 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.0	8.6	13.0





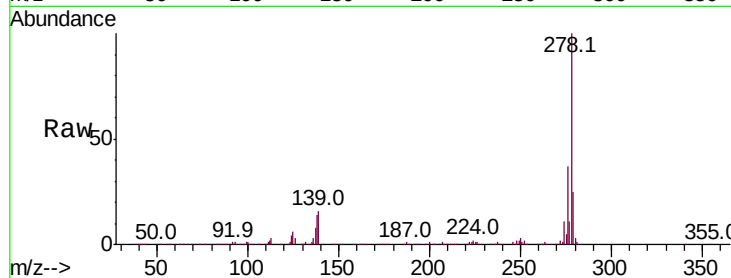
#91
Dibenzo(a,h)anthracene
Concen: 49.757 ng
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	24.6	19.3	28.9

Manual Integrations
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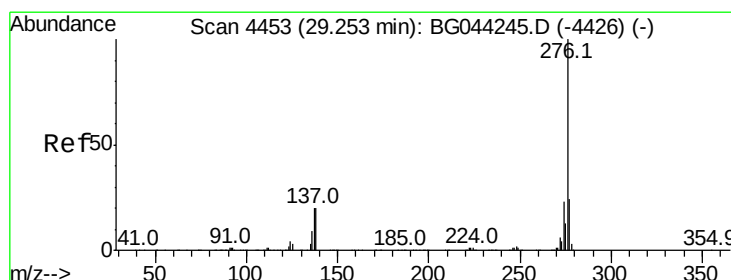
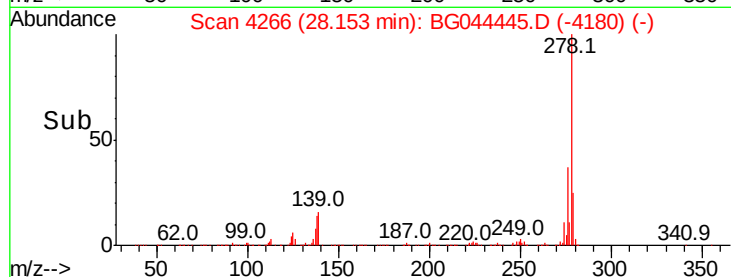
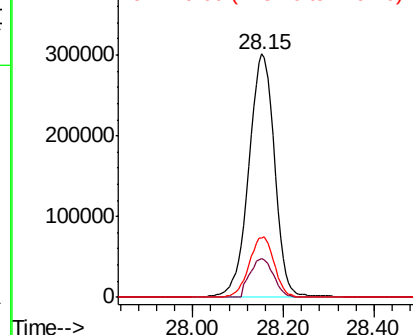


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.880 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.02 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	20.9	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

