

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044452.D
 Acq On : 17 Feb 2020 18:20
 Operator : CG/JU
 Sample : L1544-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Manual Integrations
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 2/18/2020 3:16:57 PM

Quant Time: Feb 18 06:15:33 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	71989	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	294730	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	193245	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	422932	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	408534	20.00	ng	-0.02
87) Perylene-d12	24.59	264	448119	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	445849	109.30	ng	0.00
7) Phenol-d6	7.06	99	594678	108.57	ng	-0.01
23) Nitrobenzene-d5	9.04	82	350261	67.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	228948	100.92	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	794529	68.85	ng	-0.01
79) Terphenyl-d14	19.89	244	1203439	60.59	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	78755	42.97	ng 100
3) Pyridine	3.74	79	195837	40.11	ng 98
4) n-Nitrosodimethylamine	3.66	42	94989	46.56	ng 93
6) Aniline	7.21	93	186506	27.43	ng 99
8) 2-Chlorophenol	7.46	128	239184	53.35	ng 98
9) Benzaldehyde	7.02	77	97267	31.18	ng 100
10) Phenol	7.09	94	294266	54.28	ng 99
11) bis(2-Chloroethyl)ether	7.31	93	214889	46.37	ng 97
12) 1,3-Dichlorobenzene	7.78	146	250926	46.88	ng 96
13) 1,4-Dichlorobenzene	7.93	146	253359	47.79	ng 99
14) 1,2-Dichlorobenzene	8.25	146	236253	47.15	ng 99
15) Benzyl Alcohol	8.13	79	191687	49.43	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	281538	44.88	ng 99
17) 2-Methylphenol	8.35	107	200696	51.89	ng 98
18) Hexachloroethane	8.97	117	89993	45.24	ng 96
19) n-Nitroso-di-n-propylamine	8.70	70	168778	46.23	ng 97
20) 3+4-Methylphenols	8.67	107	274498	51.50	ng 98
22) Acetophenone	8.71	105	318632	44.44	ng 99
24) Nitrobenzene	9.09	77	237335	46.57	ng 98
25) Isophorone	9.61	82	464978	47.79	ng 99
26) 2-Nitrophenol	9.80	139	135419	51.21	ng 98
27) 2,4-Dimethylphenol	9.87	122	225380	60.38	ng 99
28) bis(2-Chloroethoxy)methane	10.10	93	294028	45.30	ng 98
29) 2,4-Dichlorophenol	10.34	162	232460	51.50	ng 99
30) 1,2,4-Trichlorobenzene	10.55	180	239591	46.29	ng 99
31) Naphthalene	10.74	128	687180	48.06	ng 99
32) Benzoic acid	10.04	122	79187	36.87	ng 96
33) 4-Chloroaniline	10.85	127	105089	16.16	ng 99
34) Hexachlorobutadiene	11.04	225	143731	45.13	ng 98
35) Caprolactam	11.62	113	85676m	51.81	ng
36) 4-Chloro-3-methylphenol	11.99	107	242275	51.19	ng 99
37) 2-Methylnaphthalene	12.35	142	511023	48.13	ng 99
38) 1-Methylnaphthalene	12.57	142	489417	48.90	ng 98
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	257680	44.58	ng 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	285915	103.08	ng	100
43) 2,4,6-Trichlorophenol	12.96	196	184449	49.37	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	195072	51.11	ng	99
46) 1,1'-Biphenyl	13.36	154	654067	46.92	ng	99
47) 2-Chloronaphthalene	13.40	162	508478	45.84	ng	100
48) 2-Nitroaniline	13.60	65	145644	44.49	ng	95
49) Acenaphthylene	14.25	152	807416	49.63	ng	100
50) Dimethylphthalate	13.99	163	684181	49.25	ng	99
51) 2,6-Dinitrotoluene	14.10	165	150237	48.51	ng	96
52) Acenaphthene	14.60	154	499864	47.40	ng	99
53) 3-Nitroaniline	14.43	138	66560	19.42	ng	94
54) 2,4-Dinitrophenol	14.64	184	162398	87.68	ng	96
55) Dibenzofuran	14.93	168	765156	47.93	ng	99
56) 4-Nitrophenol	14.76	139	260948	103.96	ng	98
57) 2,4-Dinitrotoluene	14.90	165	208219	47.97	ng	92
58) Fluorene	15.58	166	610566	48.55	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	174176	50.53	ng	98
60) Diethylphthalate	15.35	149	649483	46.92	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	324401	47.58	ng	98
62) 4-Nitroaniline	15.60	138	144017	42.06	ng	98
63) Azobenzene	15.87	77	573860	47.31	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	129231	55.36	ng	98
66) n-Nitrosodiphenylamine	15.79	169	572090	48.27	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	215466	46.76	ng	97
68) Hexachlorobenzene	16.59	284	237916	46.09	ng	98
69) Atrazine	16.74	200	223023	54.90	ng	98
70) Pentachlorophenol	16.94	266	245851	93.62	ng	96
71) Phenanthrene	17.32	178	988396	48.26	ng	99
72) Anthracene	17.41	178	1020510	50.40	ng	98
73) Carbazole	17.68	167	916821	49.12	ng	100
74) Di-n-butylphthalate	18.25	149	1119732	48.54	ng	99
75) Fluoranthene	19.33	202	1181818	49.88	ng	100
77) Benzidine	19.51	184	373954	33.00	ng	98
78) Pyrene	19.69	202	1189661	45.34	ng	99
80) Butylbenzylphthalate	20.58	149	522139	43.67	ng	98
81) Benzo(a)anthracene	21.50	228	1150041	45.68	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	208820	21.37	ng	98
83) Chrysene	21.57	228	1104487	45.38	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	735014	44.66	ng	100
85) Di-n-octyl phthalate	22.58	149	1304200	45.80	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1442654	45.44	ng	99
88) Benzo(b)fluoranthene	23.63	252	1228319	47.57	ng	99
89) Benzo(k)fluoranthene	23.69	252	1211369	48.13	ng	99
90) Benzo(a)pyrene	24.46	252	1141985	46.77	ng	99
91) Dibenzo(a,h)anthracene	28.14	278	1186777	49.12	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1206156	49.87	ng	99

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

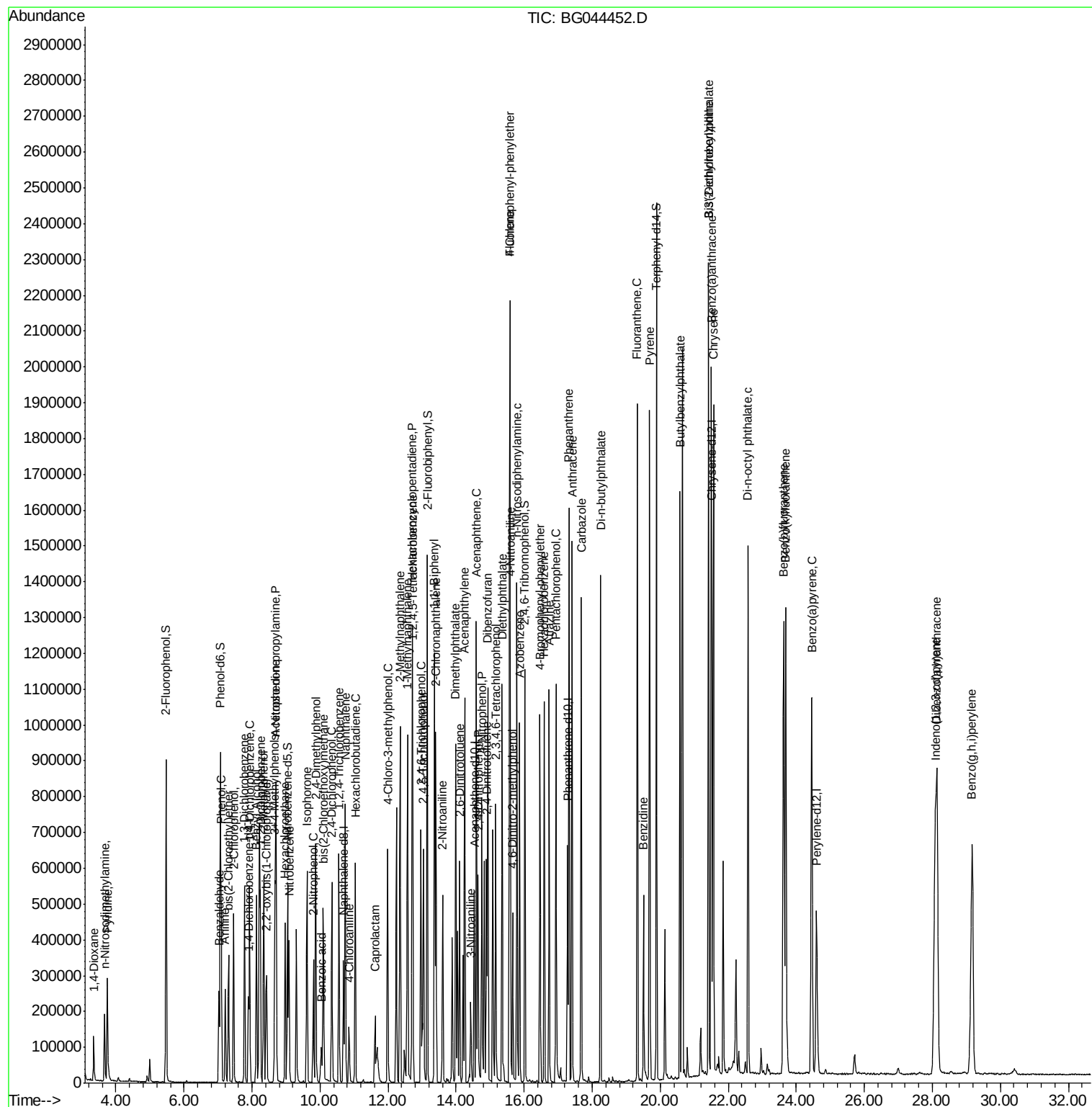
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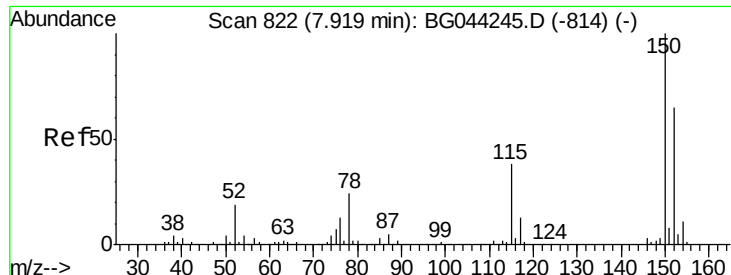
Instrument :
BNA_G
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2-5-1MS

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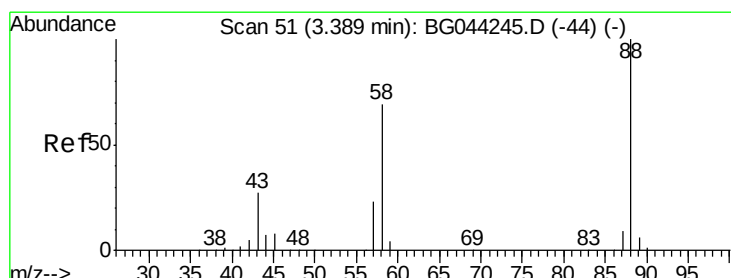
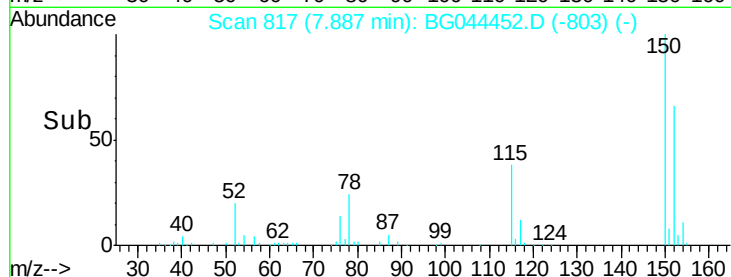
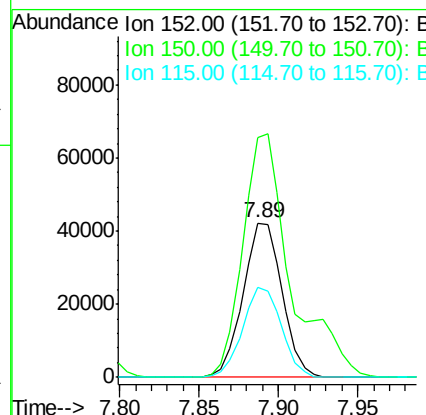
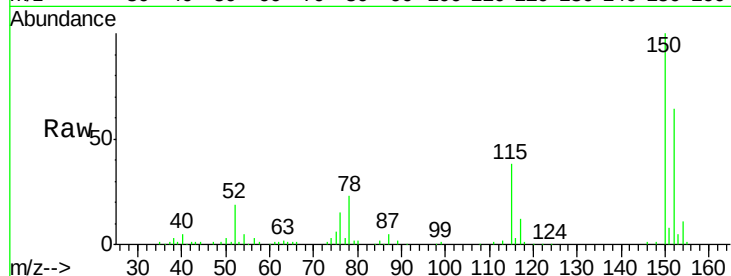
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampled :
 2-5-1MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.6	183.8
115	58.5	46.0	69.0

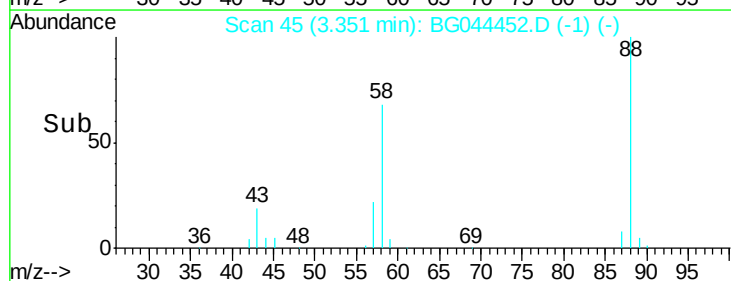
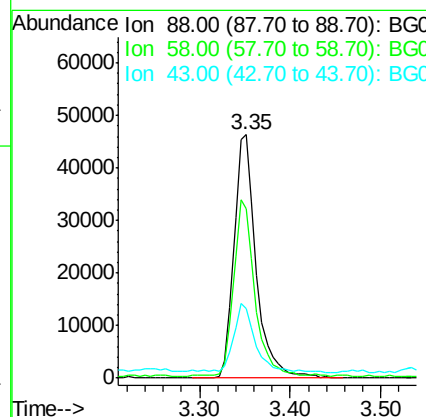
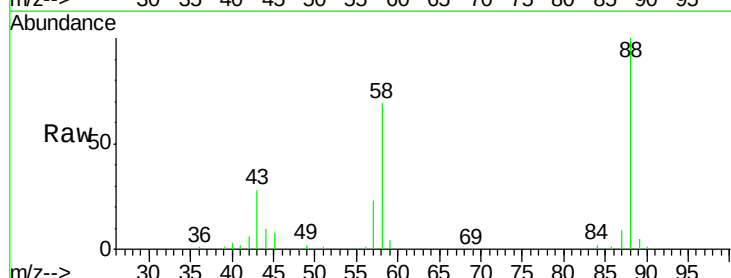
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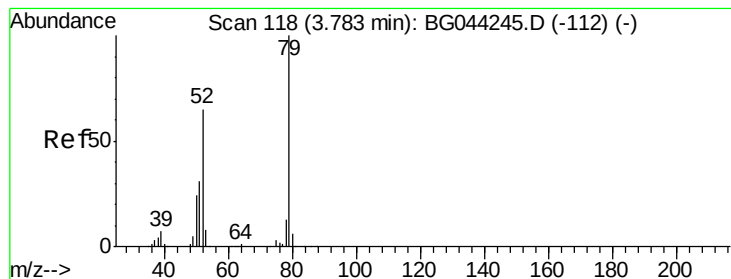
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#2
 1,4-Dioxane
 Concen: 42.97 ng
 RT: 3.35 min Scan# 45
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	55.8	83.6
43	27.0	21.6	32.4





#3

Pyridine

Concen: 40.11 ng

RT: 3.74 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

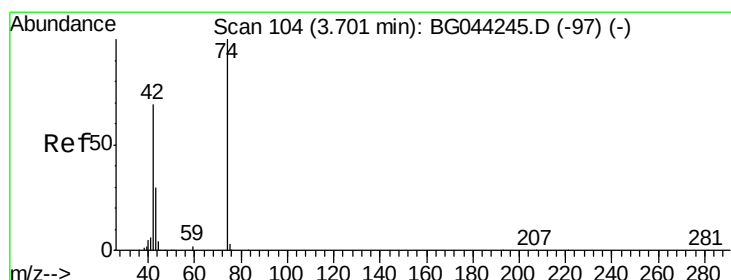
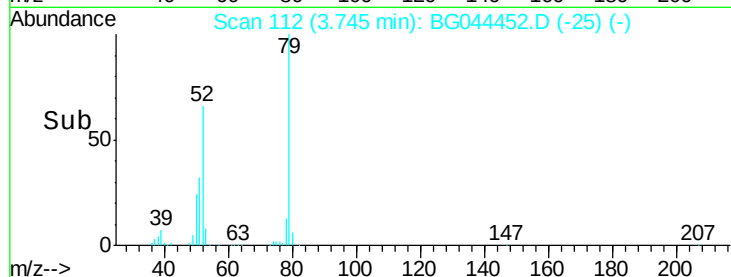
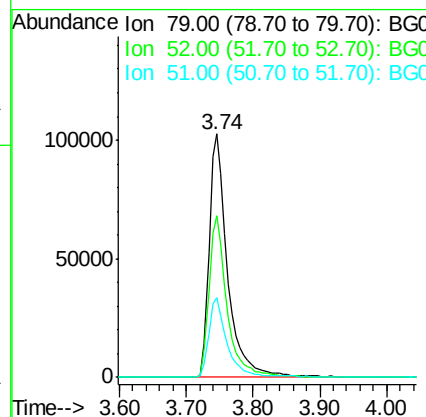
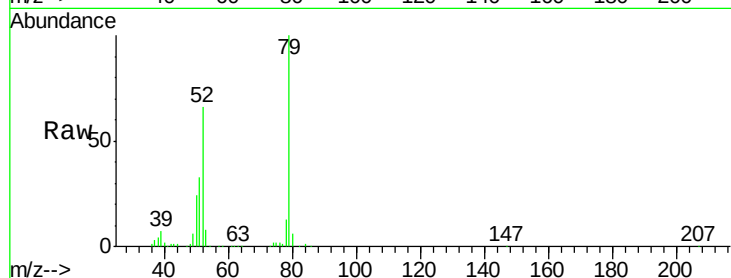
ClientSampleId :

2-5-1MS

Tgt Ion:	79	Resp:	195837
Ion	Ratio	Lower	Upper
79	100		
52	66.4	51.9	77.9
51	32.8	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 46.56 ng

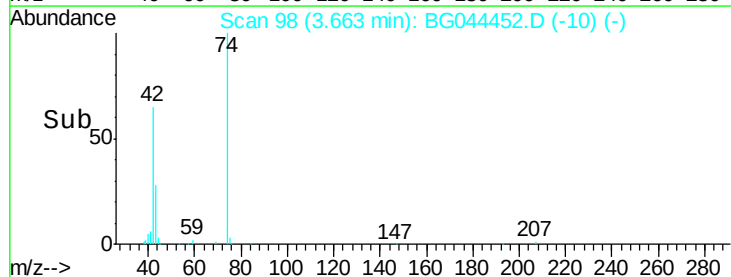
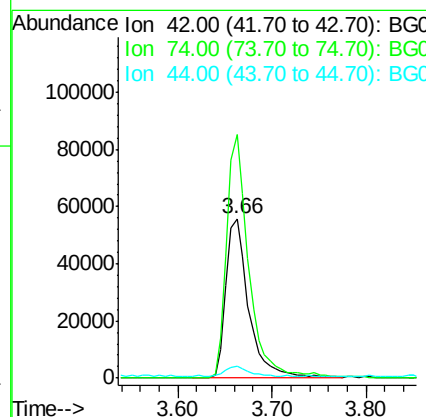
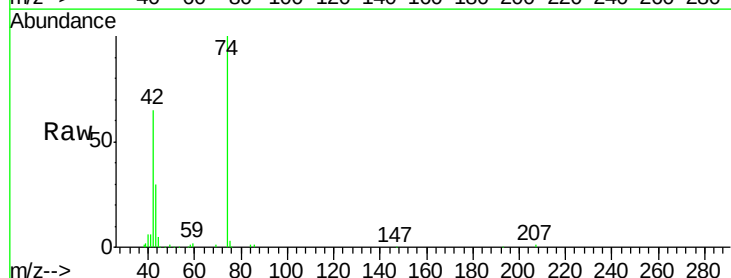
RT: 3.66 min Scan# 98

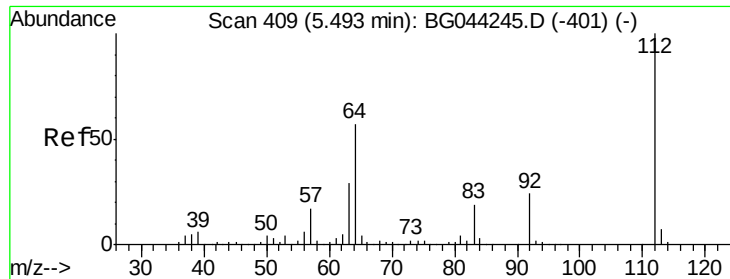
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	42	Resp:	94989
Ion	Ratio	Lower	Upper
42	100		
74	153.0	115.1	172.7
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 109.30 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

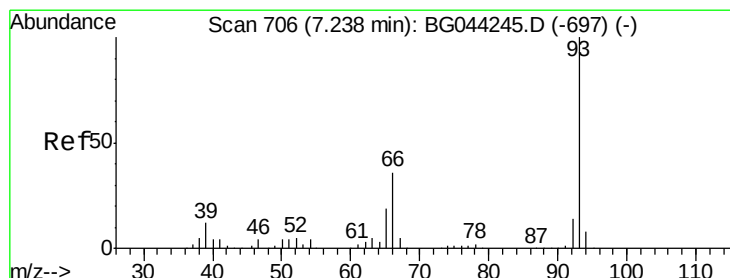
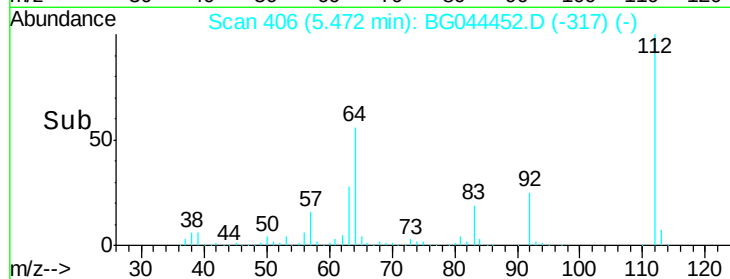
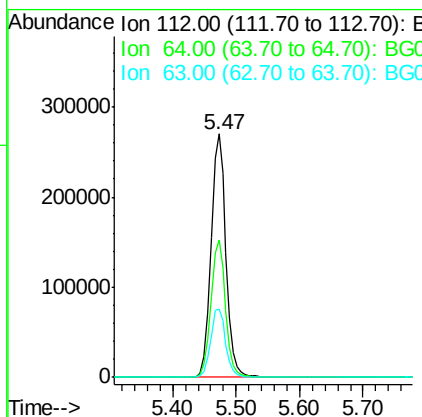
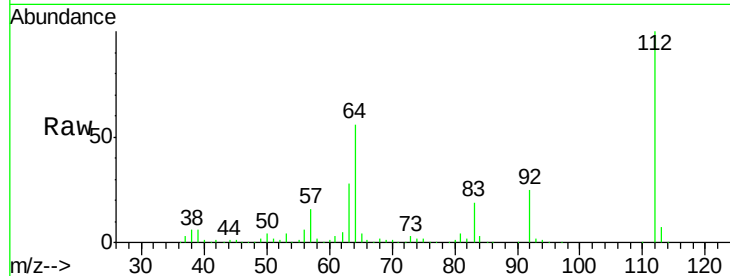
ClientSampled :

2-5-1MS

Tgt Ion:	112	Resp:	445849
Ion Ratio	Lower	Upper	
112	100		
64	56.4	45.4	68.2
63	28.3	22.9	34.3

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#6

Aniline

Concen: 27.43 ng

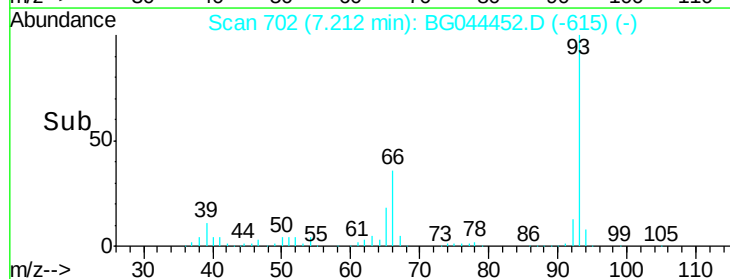
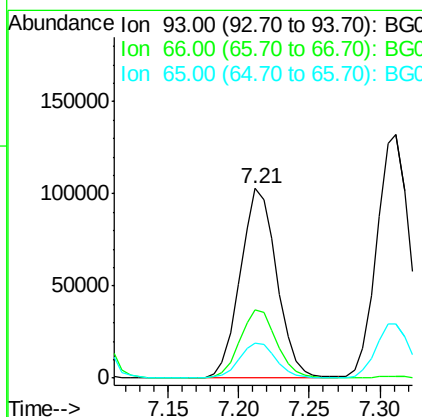
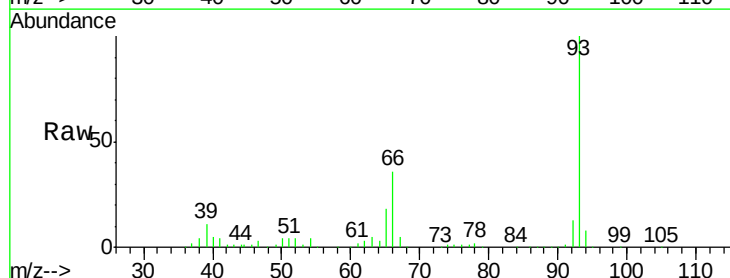
RT: 7.21 min Scan# 702

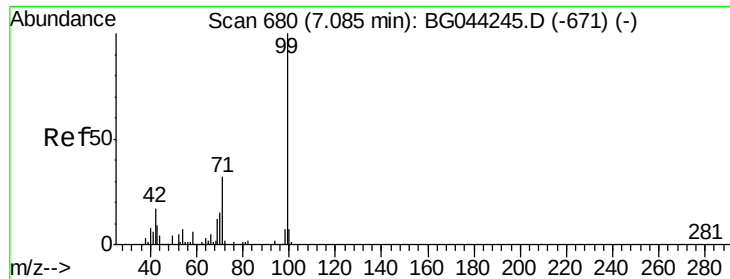
Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	93	Resp:	186506
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	18.5	15.4	23.0





#7

Phenol-d6

Concen: 108.57 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

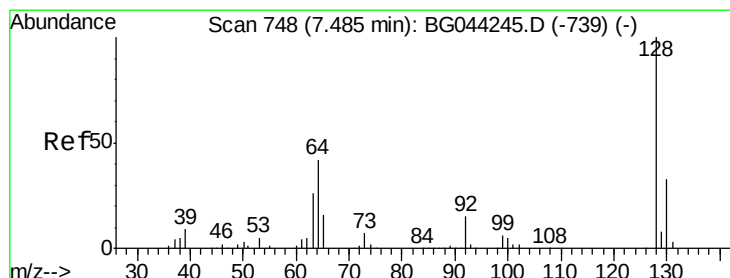
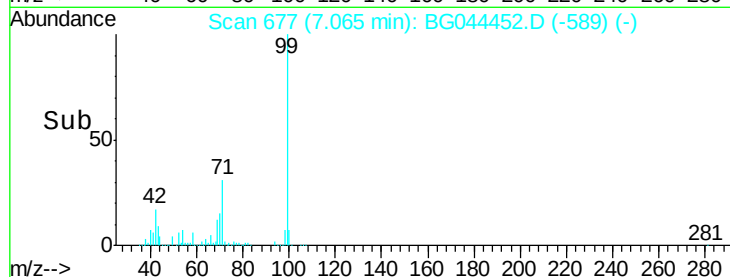
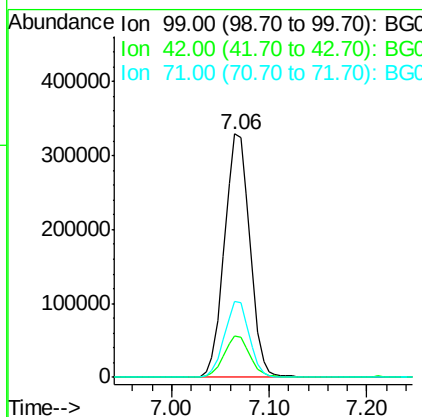
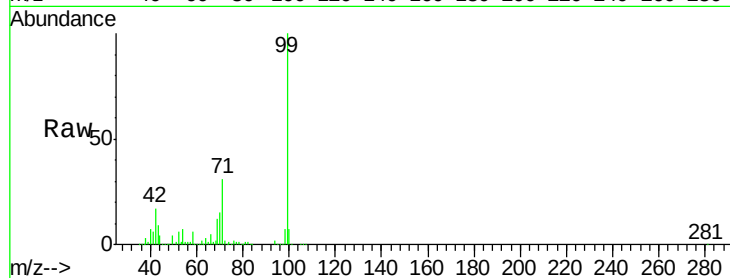
ClientSampleId :

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Tgt Ion:	99	Resp:	594678
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.6
71	31.4	25.5	38.3

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#8

2-Chlorophenol

Concen: 53.35 ng

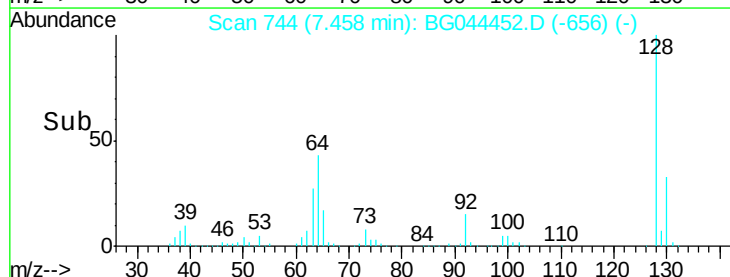
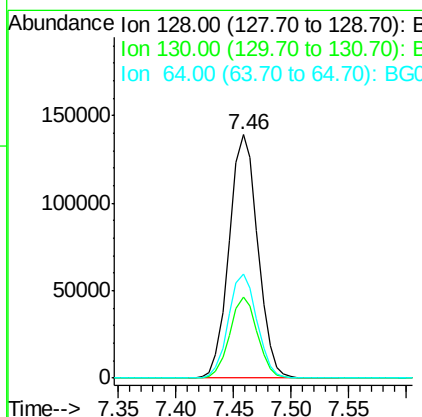
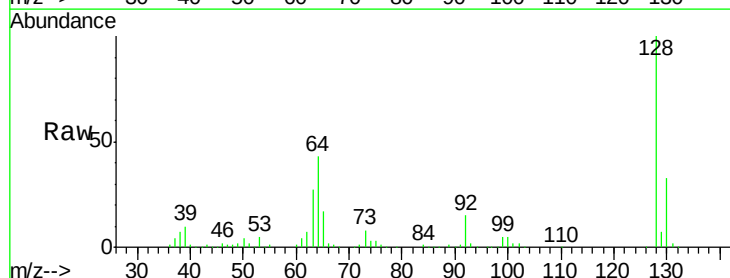
RT: 7.46 min Scan# 744

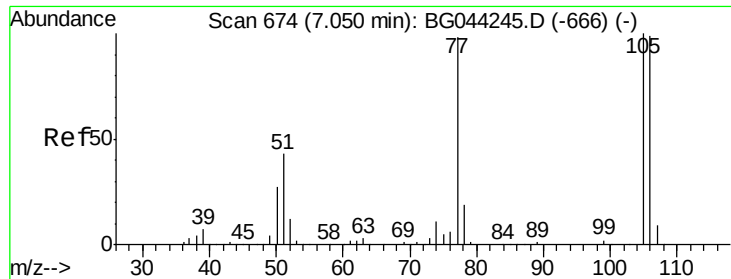
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	128	Resp:	239184
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.5	52.5
64	42.7	24.2	64.2





#9

Benzaldehyde

Concen: 31.18 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

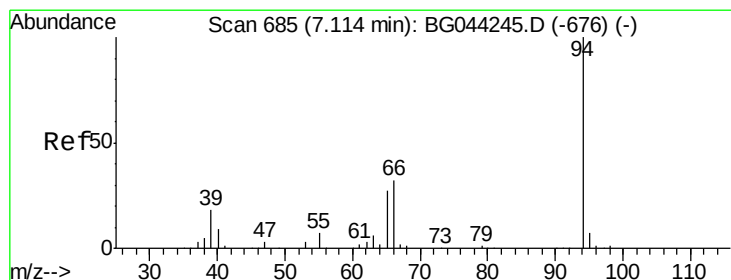
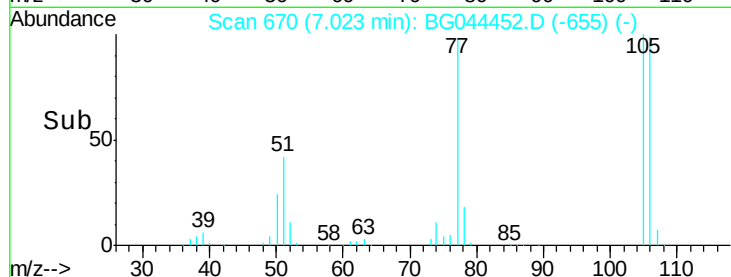
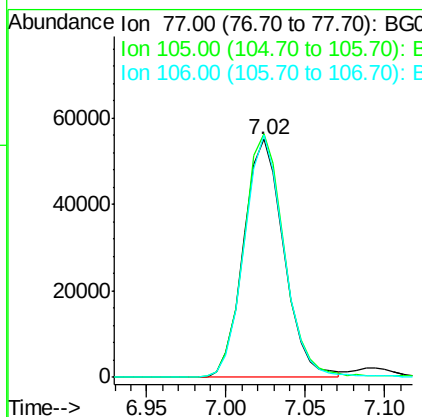
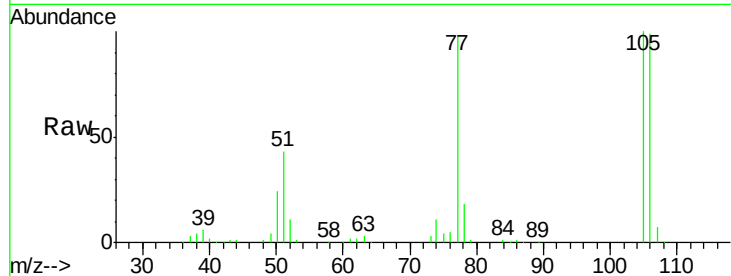
ClientSampleId :

2-5-1MS

Tgt Ion:	77	Resp:	97267
Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.0	122.0
106	101.4	80.7	120.7

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#10

Phenol

Concen: 54.28 ng

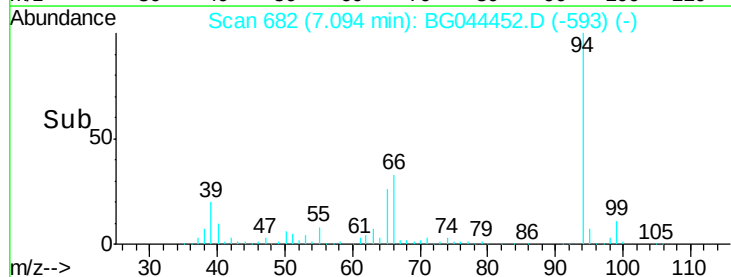
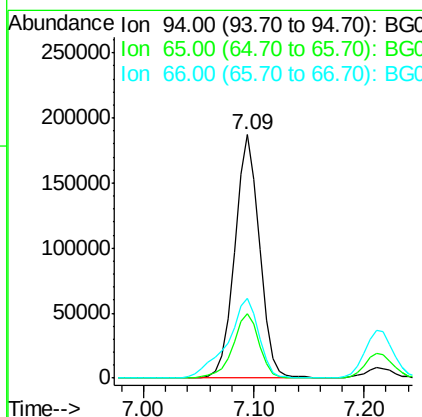
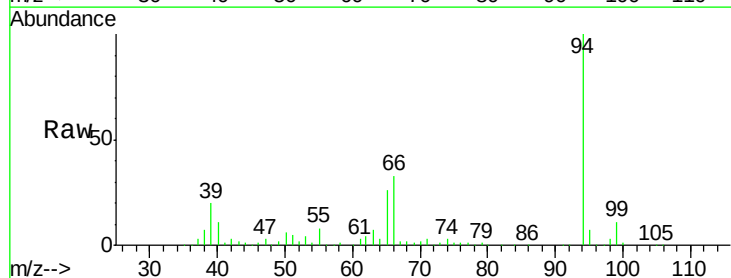
RT: 7.09 min Scan# 682

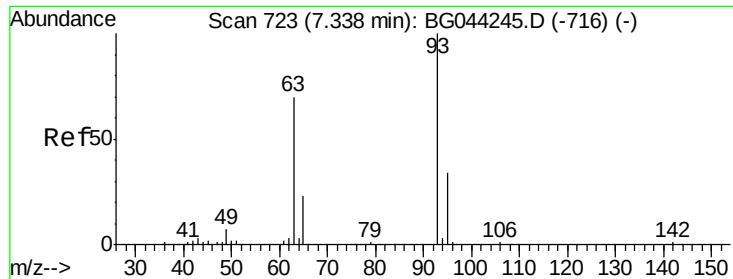
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	94	Resp:	294266
Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.0	47.0
66	33.0	12.7	52.7





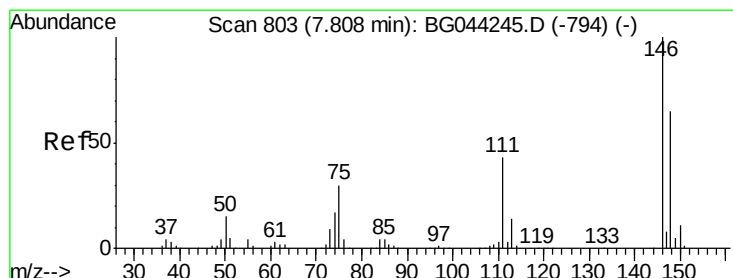
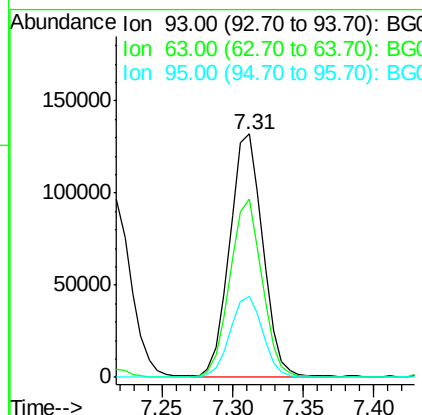
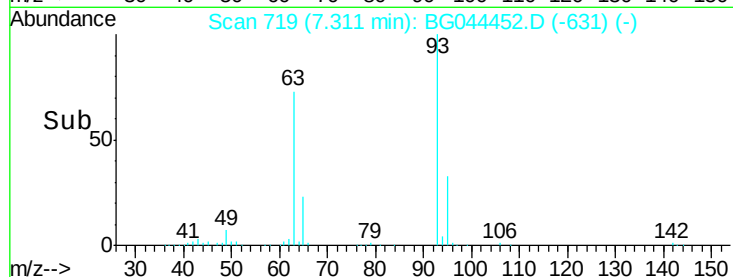
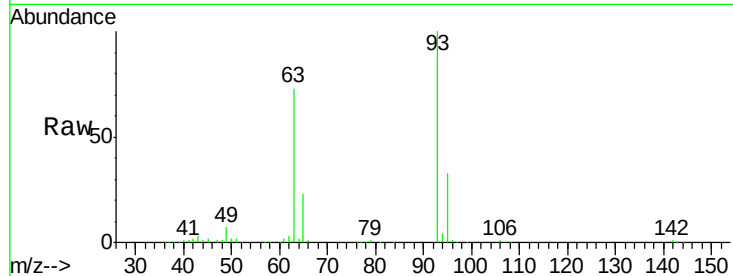
#11
bis(2-Chloroethyl)ether
Concen: 46.37 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion:	93	Resp:	214889
Ion	Ratio	Lower	Upper
93	100		
63	73.0	49.2	89.2
95	33.2	13.6	53.6

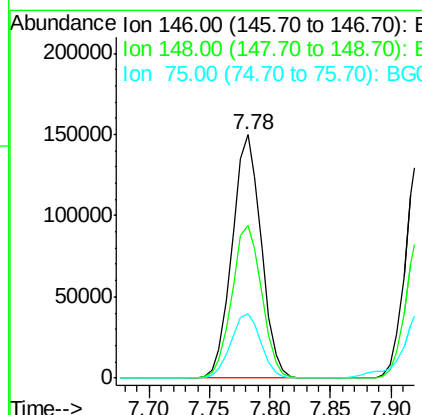
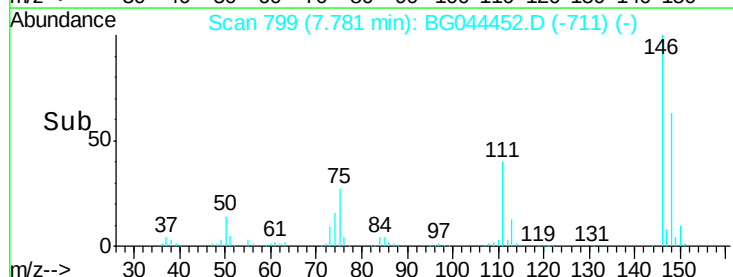
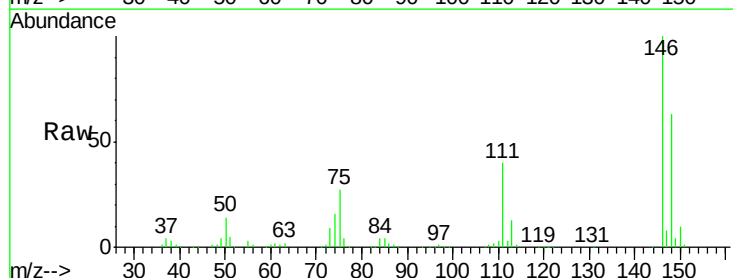
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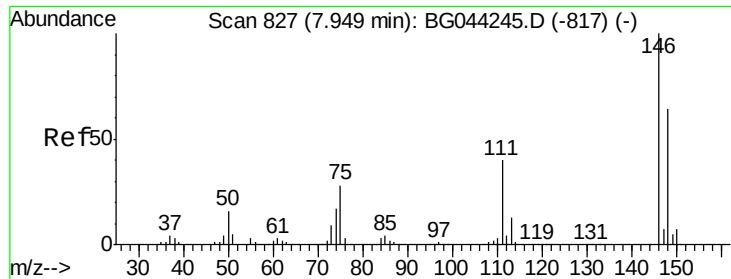
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.88 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion:	146	Resp:	250926
Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	26.5	23.7	35.5





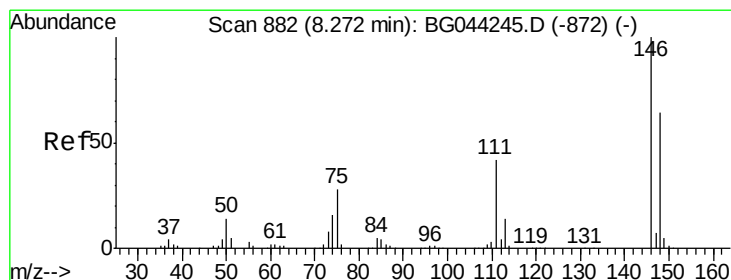
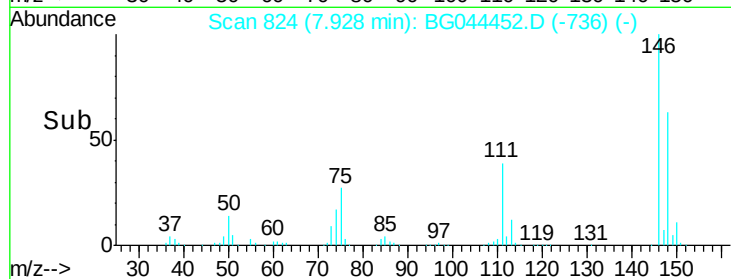
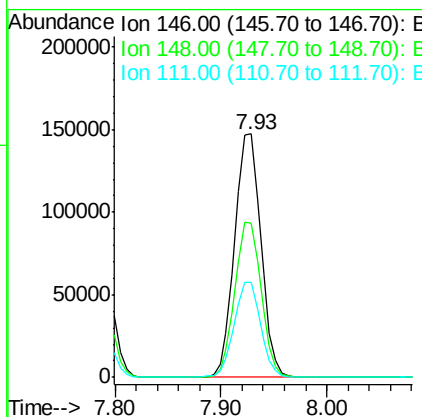
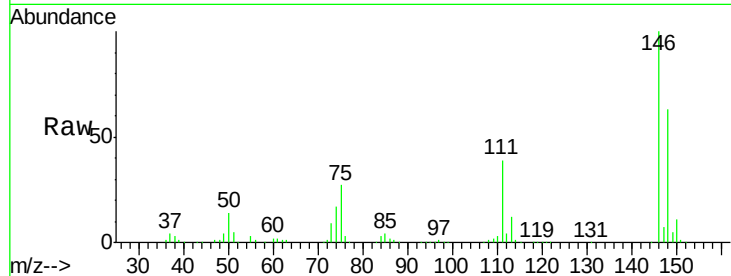
#13
 1,4-Dichlorobenzene
 Concen: 47.79 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
111	39.0	31.8	47.8

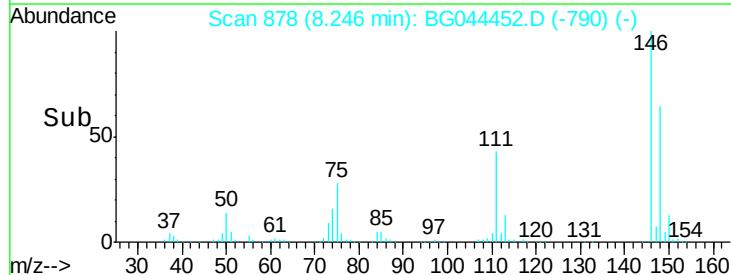
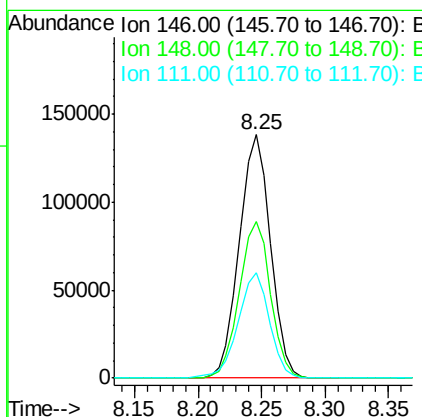
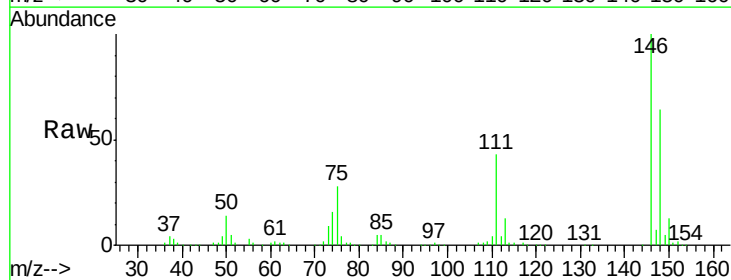
Manual Integrations
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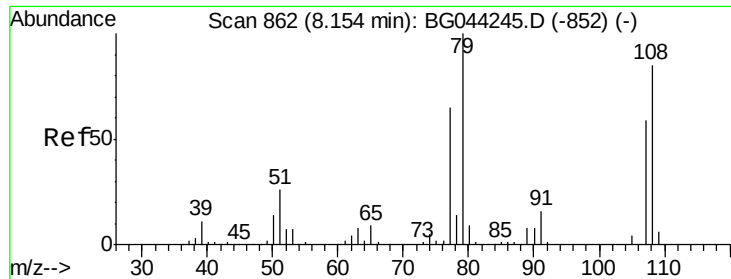
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.15 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	43.5	34.0	51.0





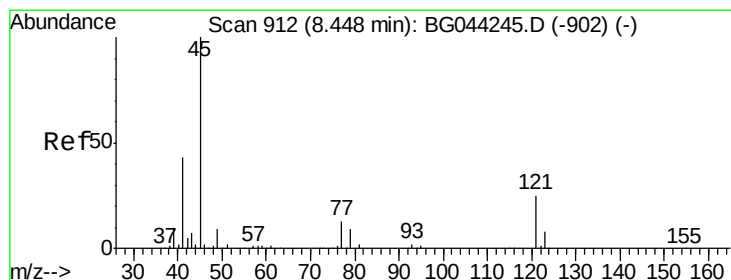
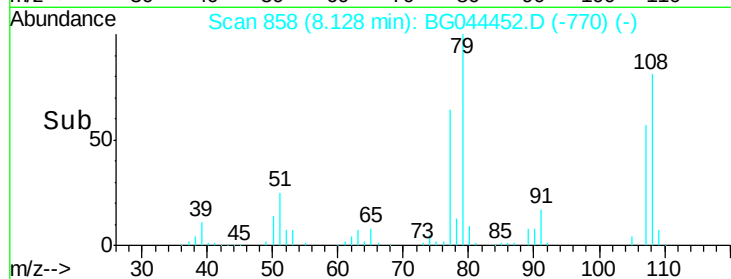
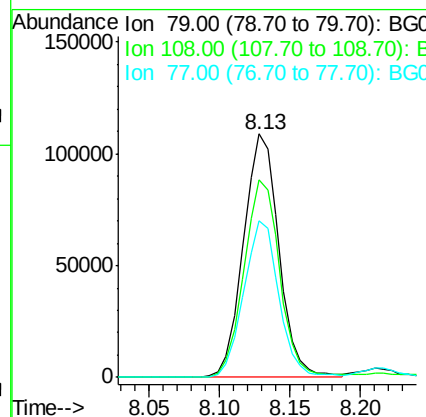
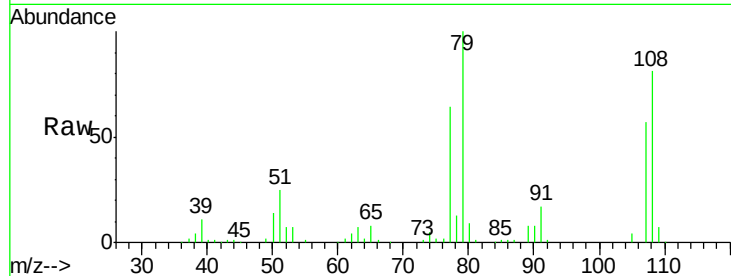
#15
Benzyl Alcohol
Concen: 49.43 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	191687		
108	81.3	68.3	102.5	
77	64.1	51.8	77.8	

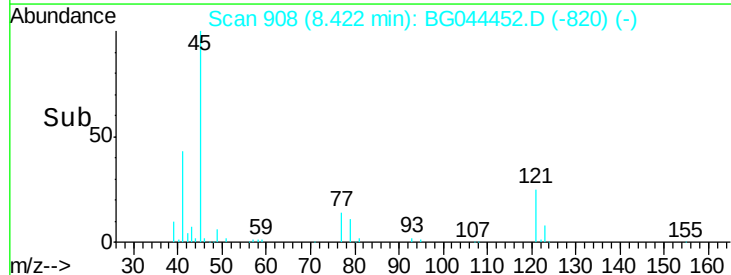
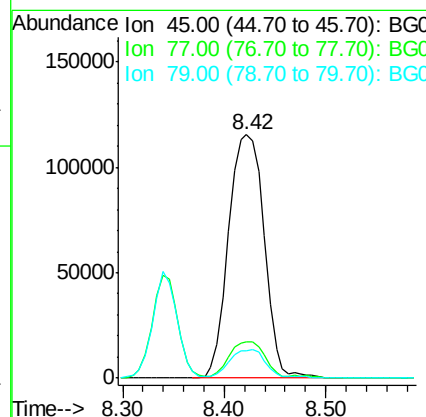
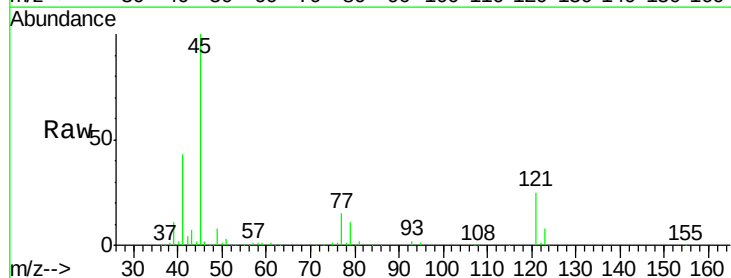
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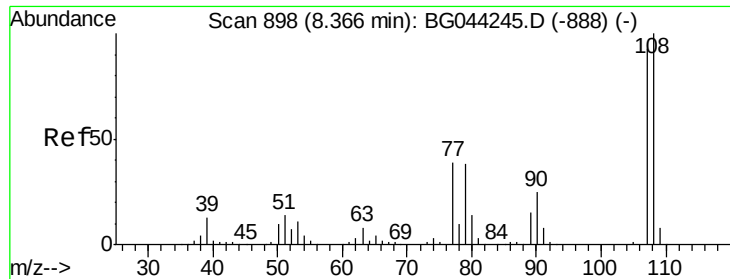
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.88 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	281538		
77	14.8	0.0	35.2	
79	11.4	0.0	31.1	





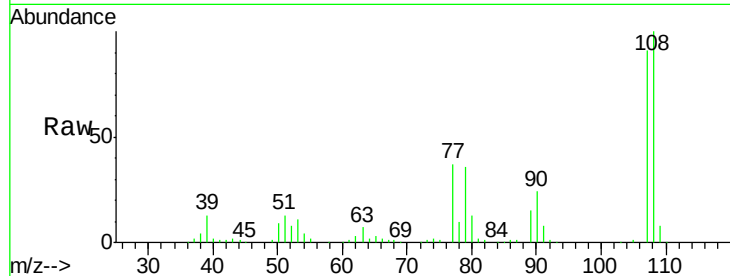
#17
2-Methylphenol
Concen: 51.89 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	200696		
108	109.6	86.4	129.6	
77	40.9	34.0	51.0	
79	39.5	32.9	49.3	

Manual Integrations
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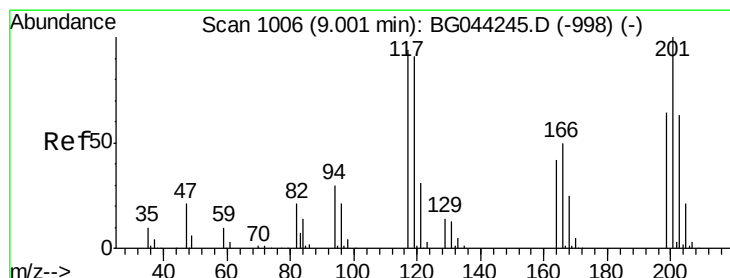
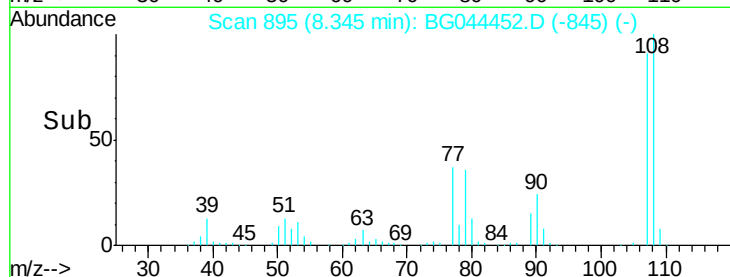
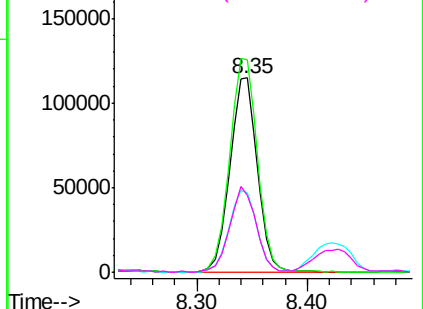
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

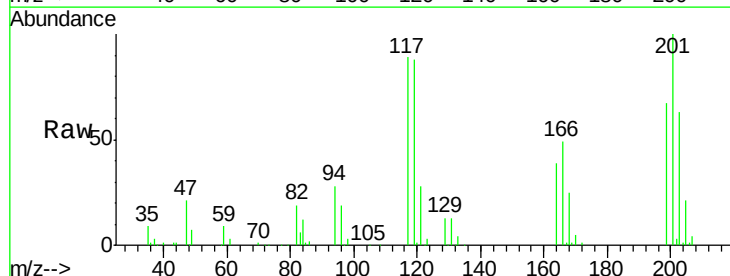
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.24 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	89993		
119	99.0	77.5	116.3	
201	112.5	84.9	127.3	

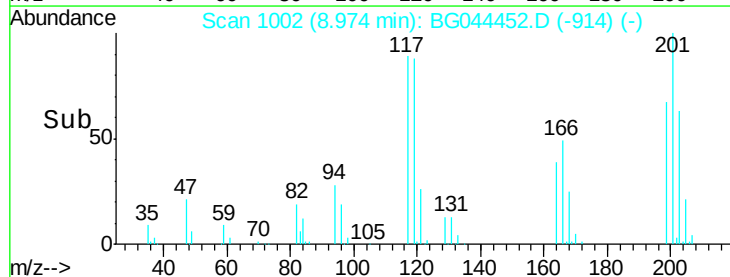
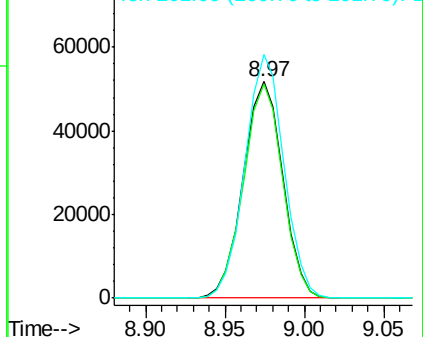


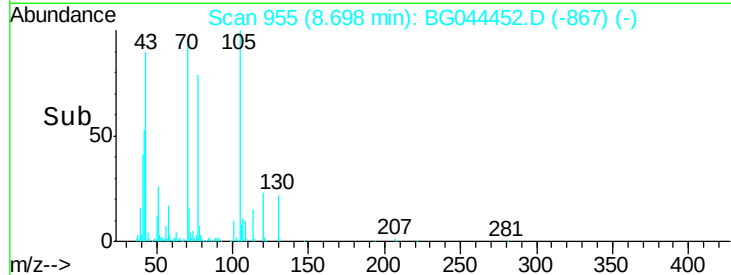
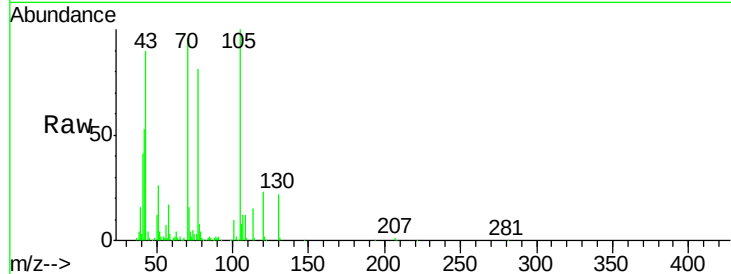
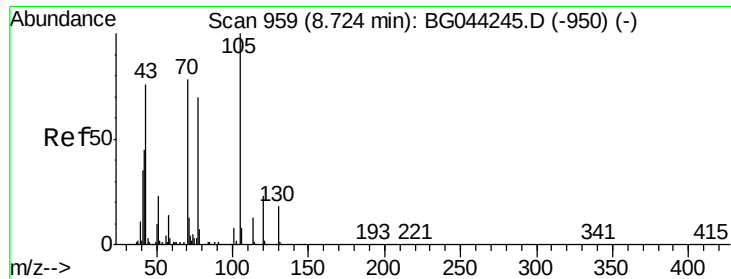
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





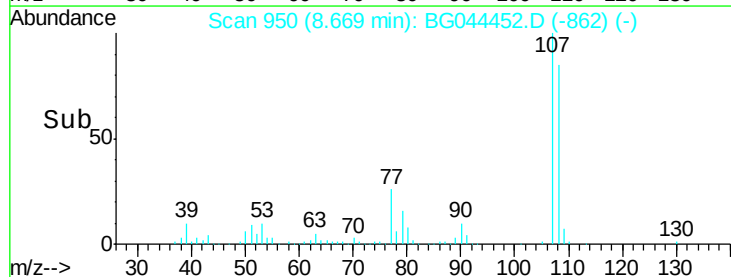
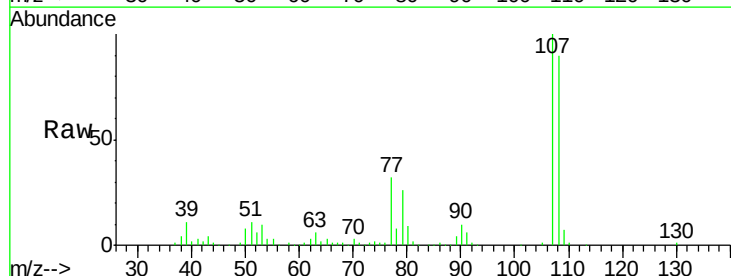
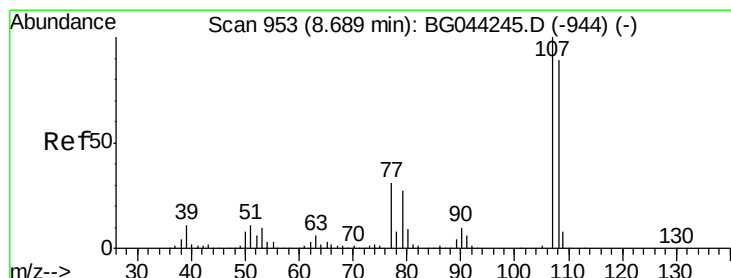
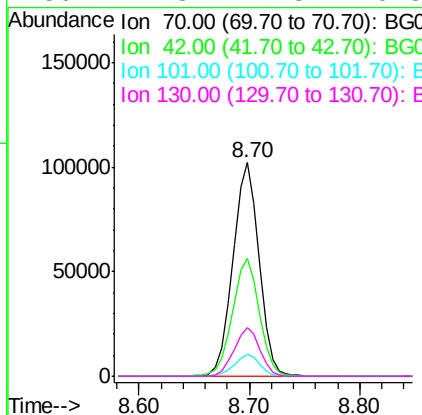
#19
n-Nitroso-di-n-propylamine
Concen: 46.23 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.2	69.2
101	10.0	8.4	12.6
130	22.8	17.8	26.8

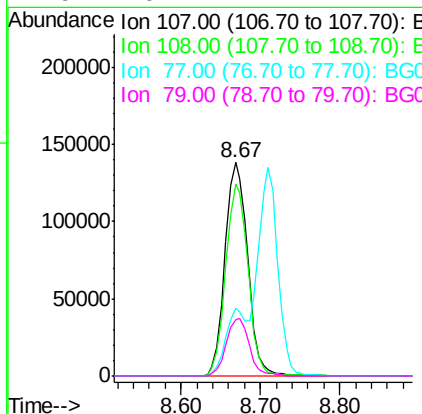
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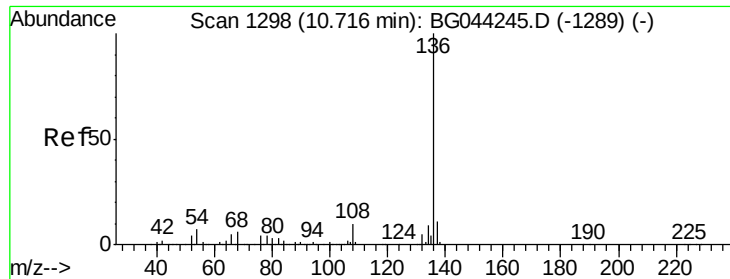
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#20
3+4-Methylphenols
Concen: 51.50 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.5	108.5
77	31.7	10.9	50.9
79	26.2	7.1	47.1





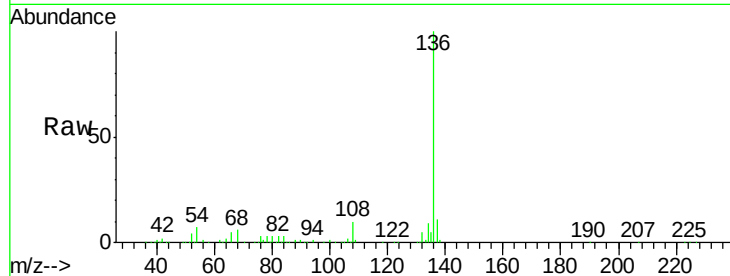
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampled :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	294730		
137	10.9	8.8	13.2	
54	7.1	5.8	8.8	
68	5.7	4.6	6.8	

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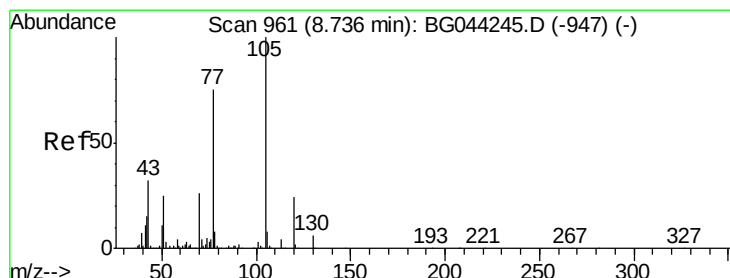
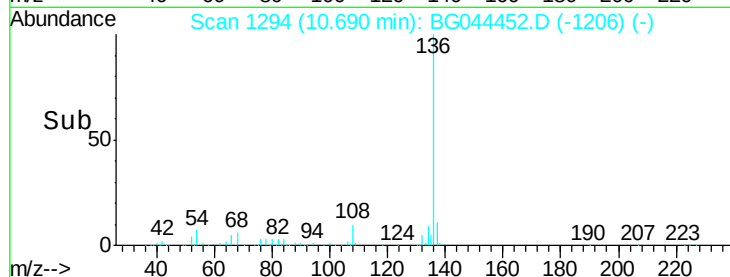
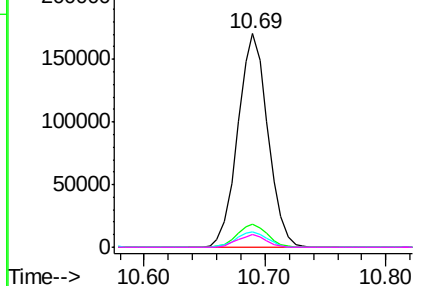
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.44 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	318632		
71	4.8	3.4	5.0	
51	24.6	20.2	30.4	
120	24.0	19.1	28.7	

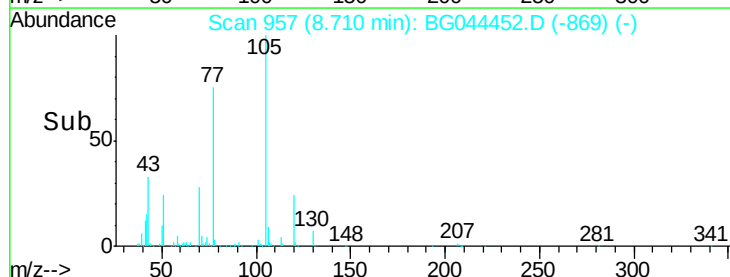
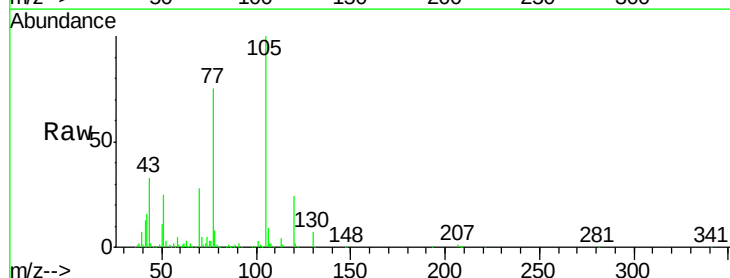
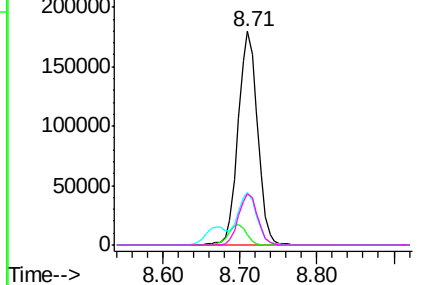
Abundance

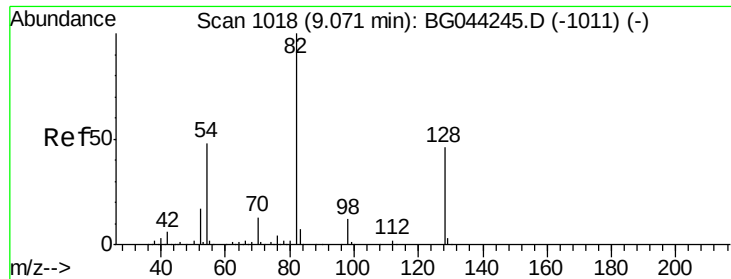
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





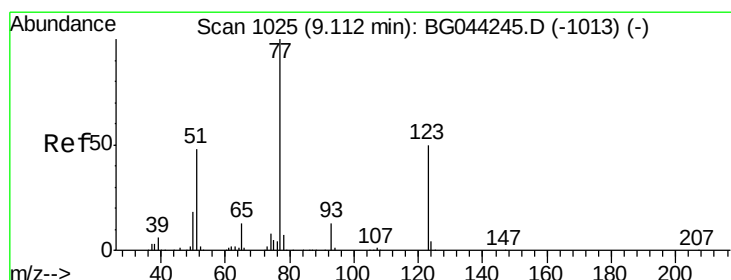
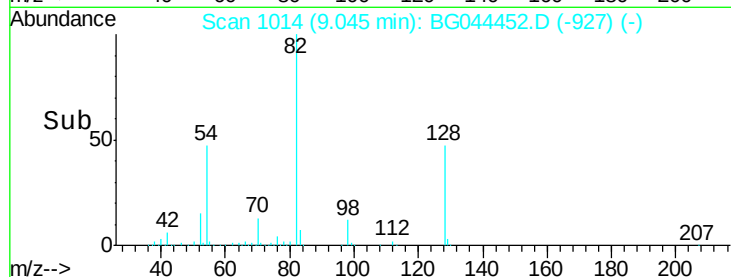
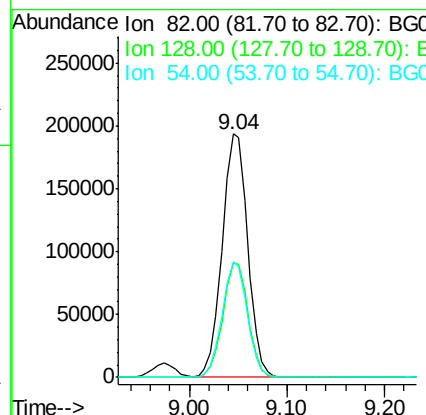
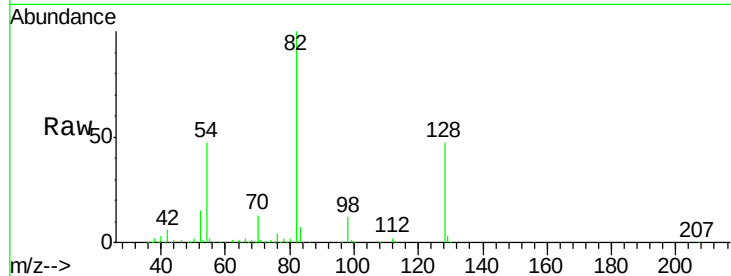
#23
 Nitrobenzene-d5
 Concen: 67.09 ng
 RT: 9.04 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampled :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	350261		
128	47.1	36.5	54.7	
54	47.3	38.6	58.0	

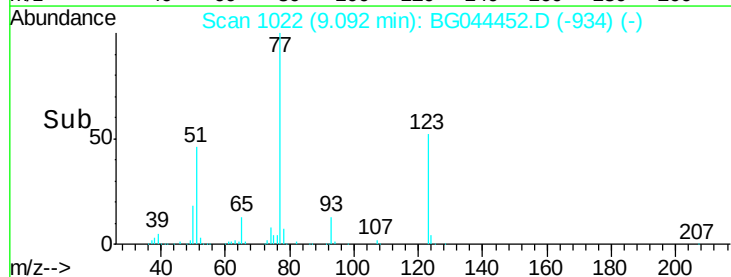
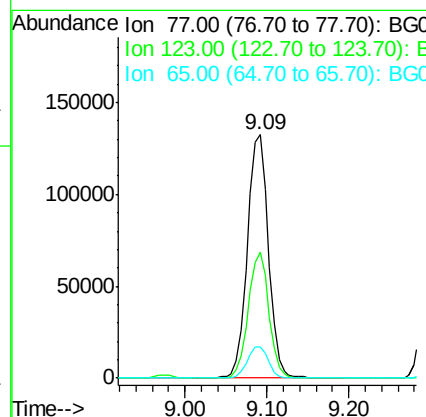
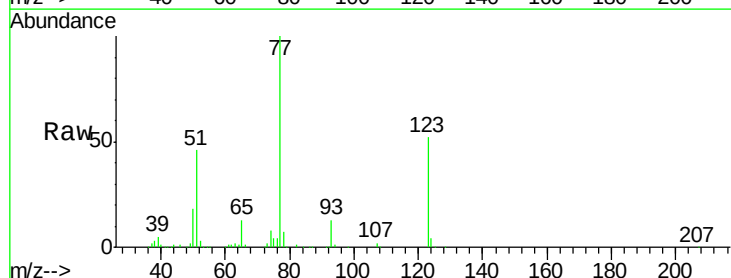
Manual Integrations
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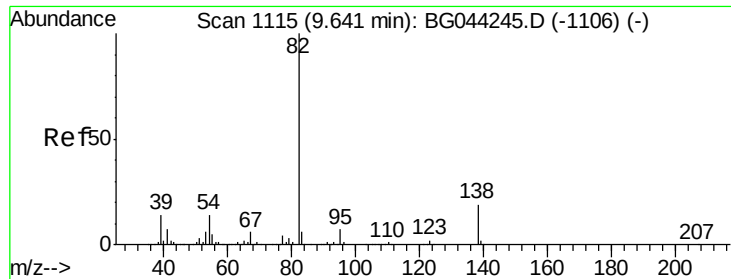
mohammad
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#24
 Nitrobenzene
 Concen: 46.57 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	237335		
123	51.5	39.9	59.9	
65	12.9	10.4	15.6	





#25

Isophorone

Concen: 47.79 ng

RT: 9.61 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

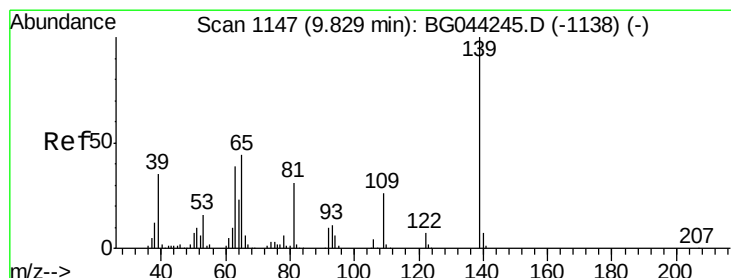
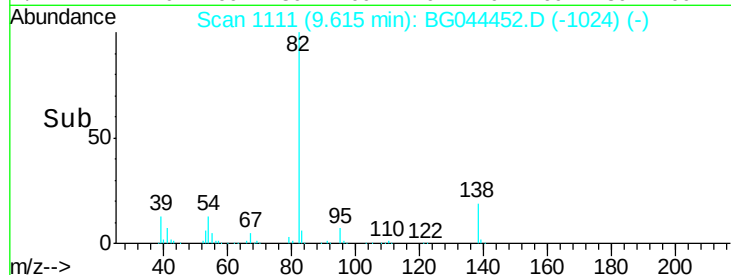
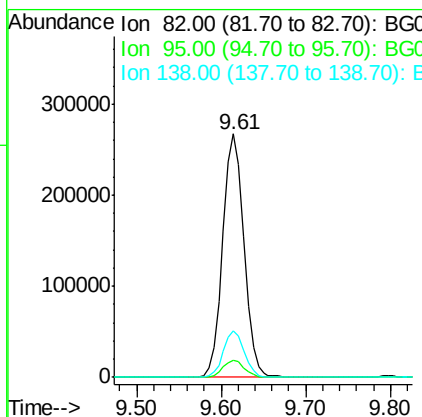
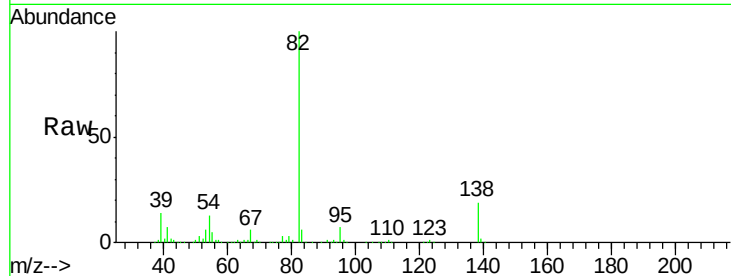
ClientSampleId :

2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	464978		
95	7.2		5.7	8.5
138	19.3		15.0	22.4

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#26

2-Nitrophenol

Concen: 51.21 ng

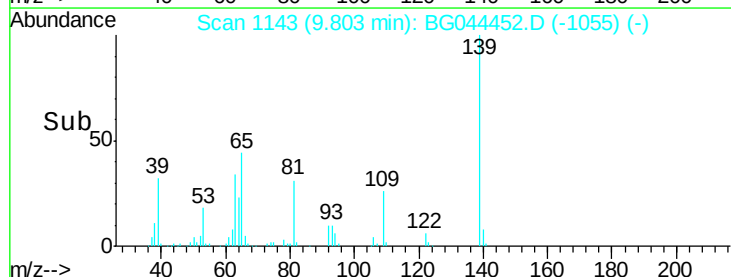
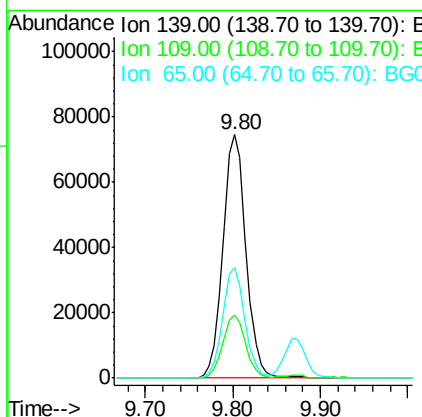
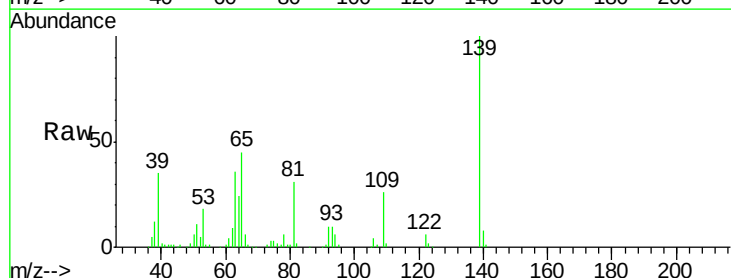
RT: 9.80 min Scan# 1143

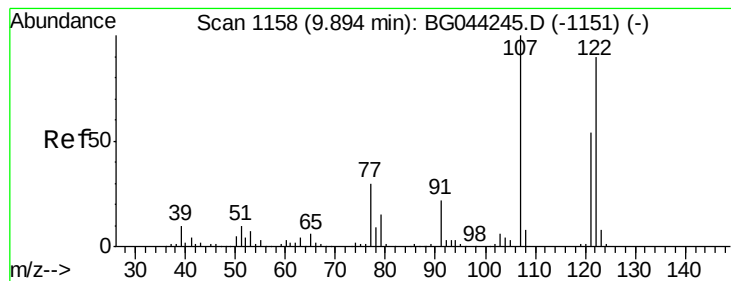
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135419		
109	25.9		21.0	31.4
65	45.2		35.0	52.4





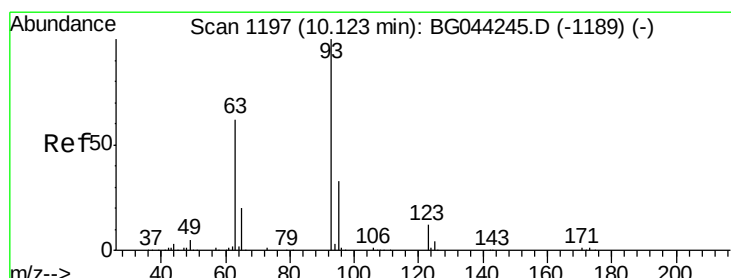
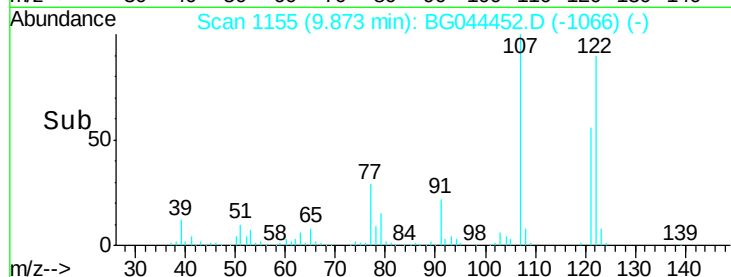
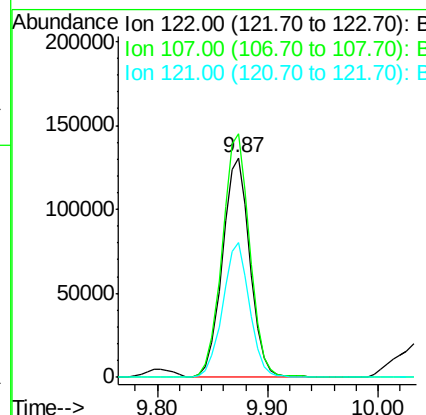
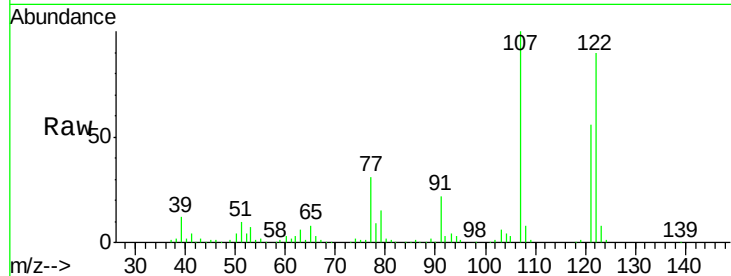
#27
 2,4-Dimethylphenol
 Concen: 60.38 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	225380		
107	110.8	88.8	133.2	
121	61.5	48.3	72.5	

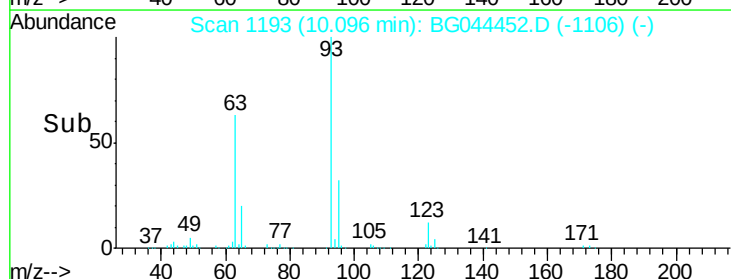
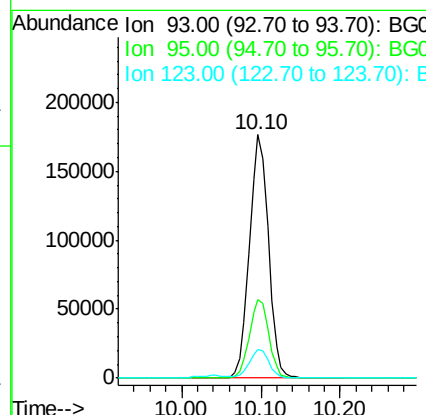
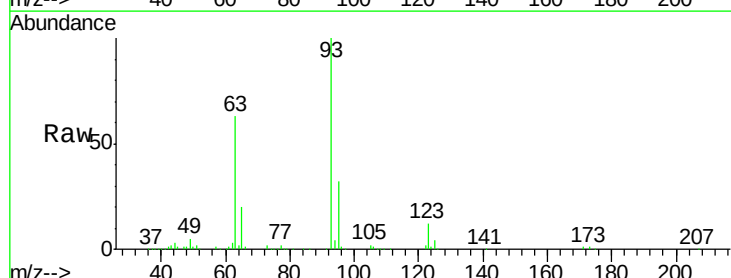
Manual Integrations
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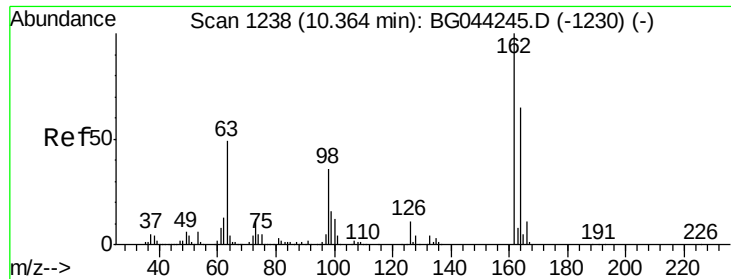
mohammad
 2/18/2020 3:16:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.30 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294028		
95	32.3	26.6	40.0	
123	11.7	10.0	15.0	





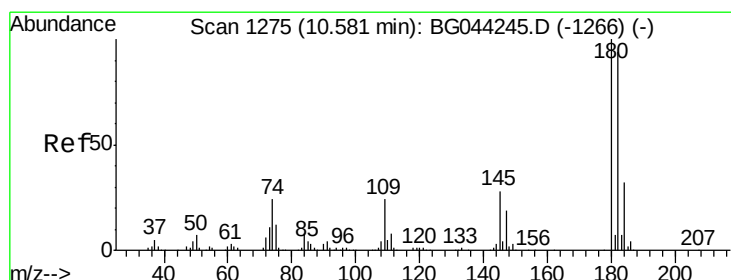
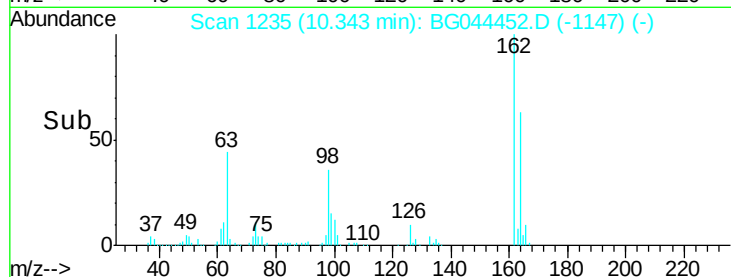
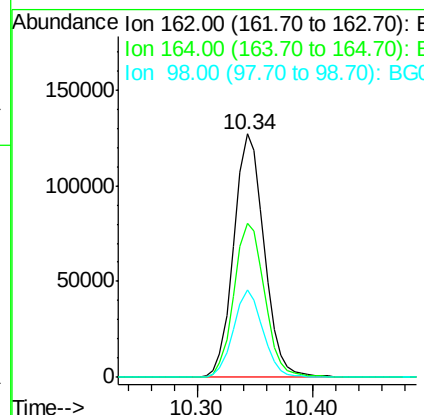
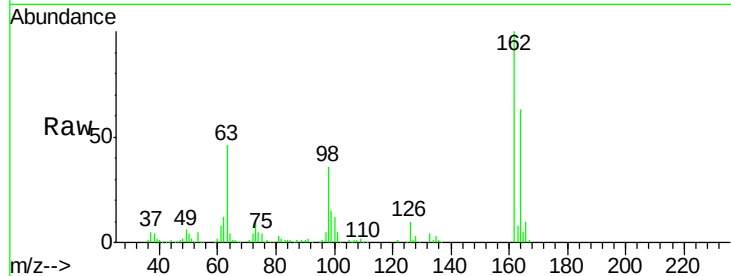
#29
2,4-Dichlorophenol
Concen: 51.50 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	232460		
164	63.1	44.7	84.7	
98	35.7	15.8	55.8	

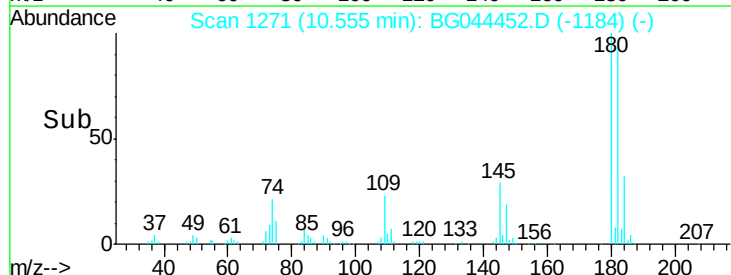
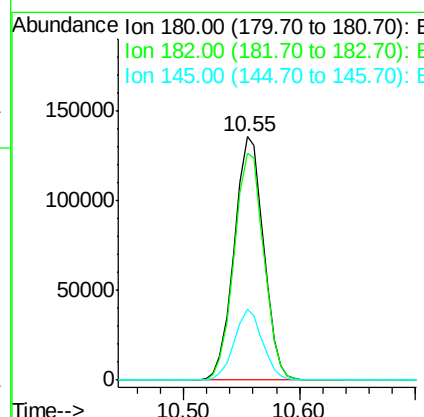
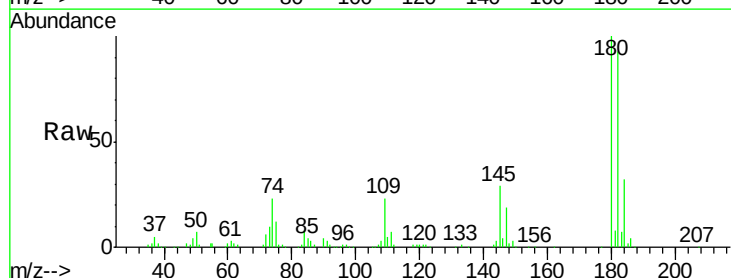
Manual Integrations
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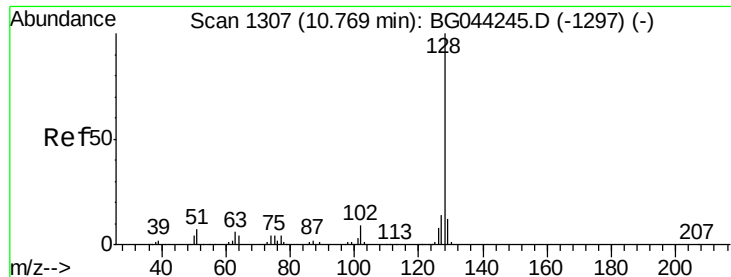
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.29 ng
RT: 10.55 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239591		
182	93.5	75.5	113.3	
145	29.0	22.6	34.0	





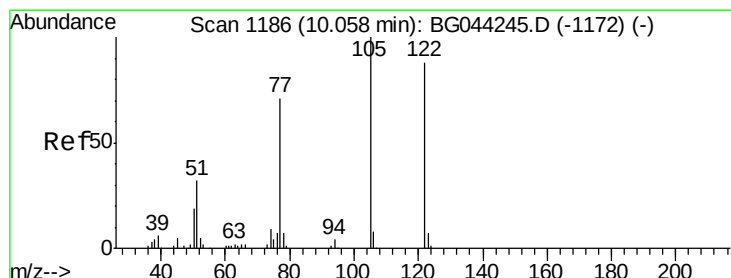
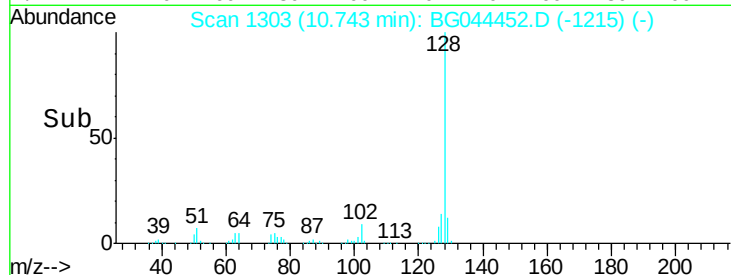
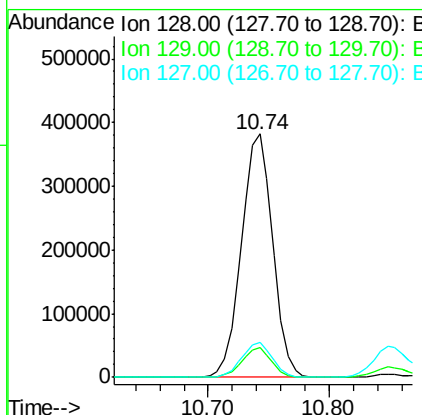
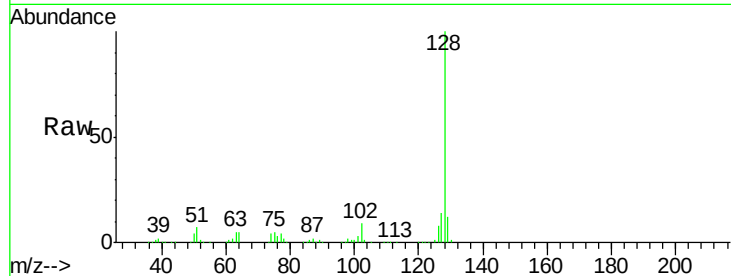
#31
Naphthalene
Concen: 48.06 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	687180		
129	12.1	9.3	13.9	
127	14.2	11.6	17.4	

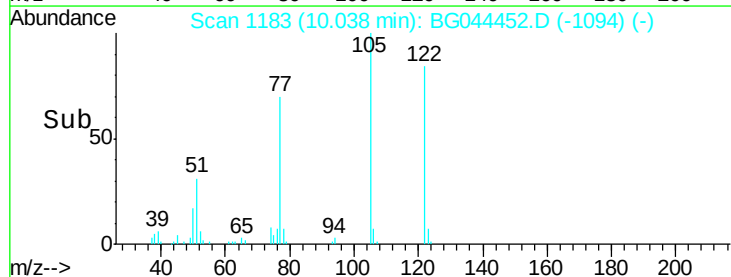
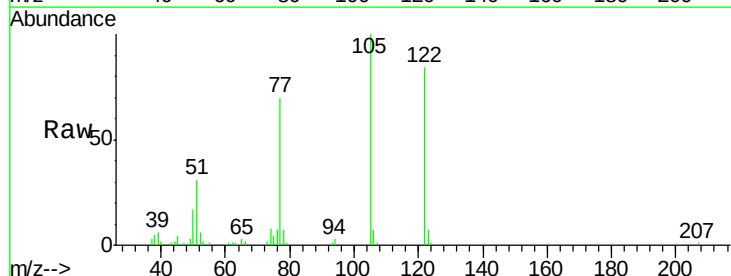
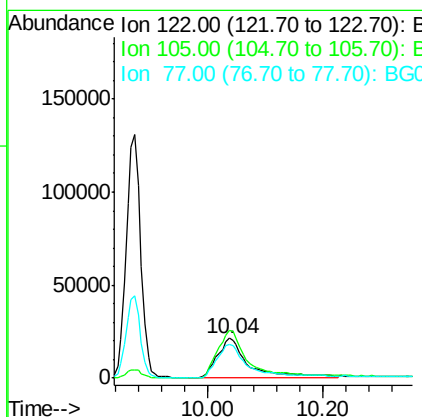
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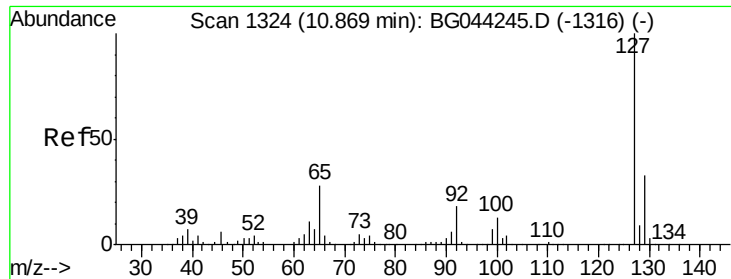
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#32
Benzoic acid
Concen: 36.87 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79187		
105	119.3	93.5	133.5	
77	83.6	61.0	101.0	





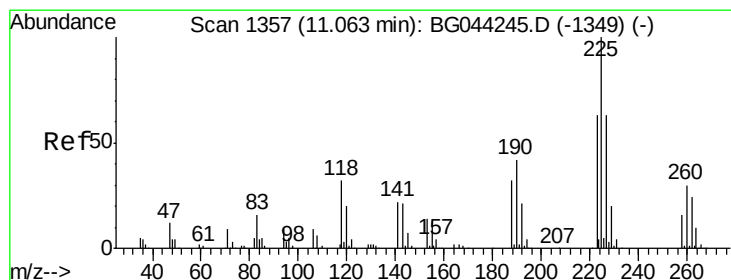
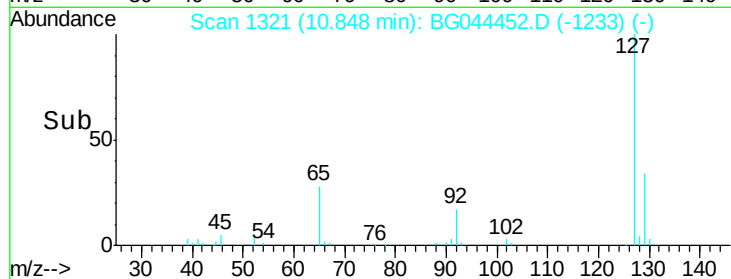
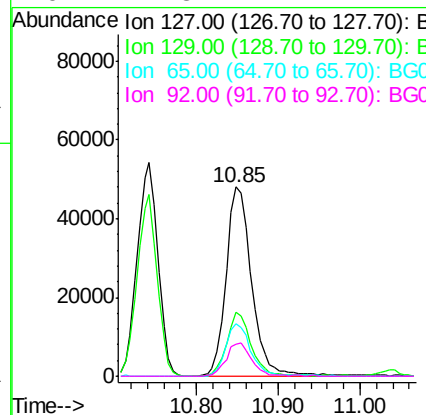
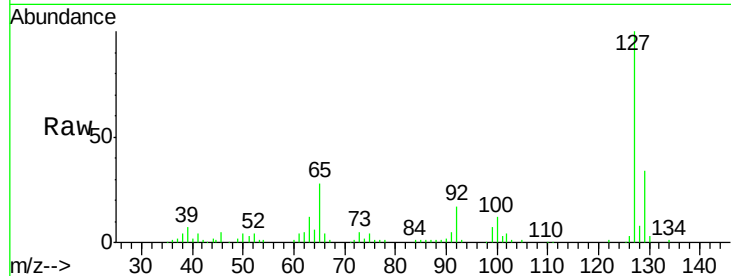
#33
4-Chloroaniline
Concen: 16.16 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	105089		
129	33.8	26.6	40.0	
65	27.9	22.5	33.7	
92	17.3	14.1	21.1	

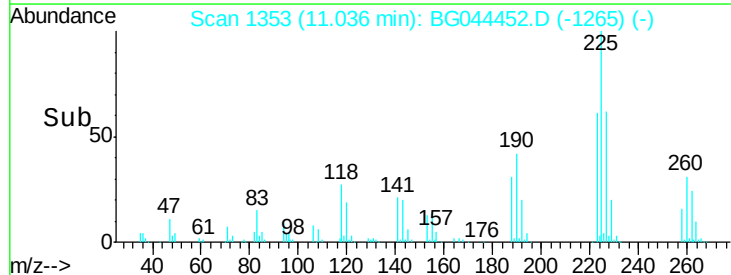
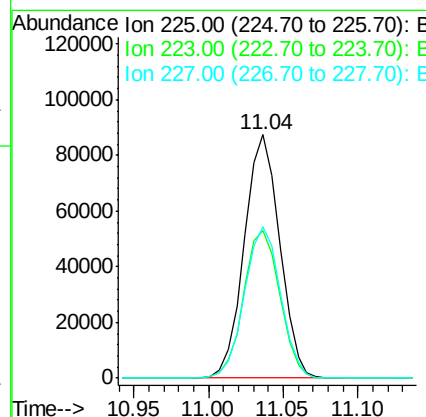
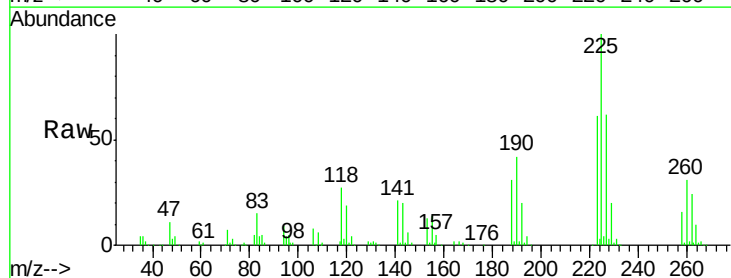
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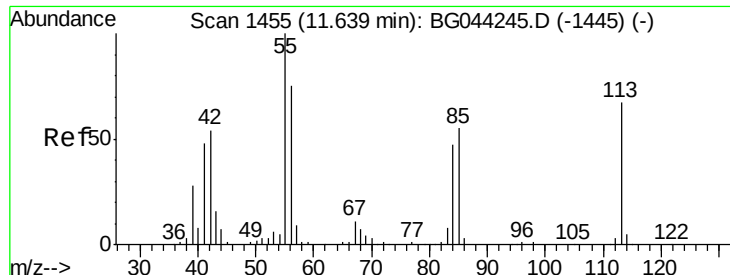
mohammad
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#34
Hexachlorobutadiene
Concen: 45.13 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143731		
223	60.6	50.2	75.4	
227	62.3	50.8	76.2	





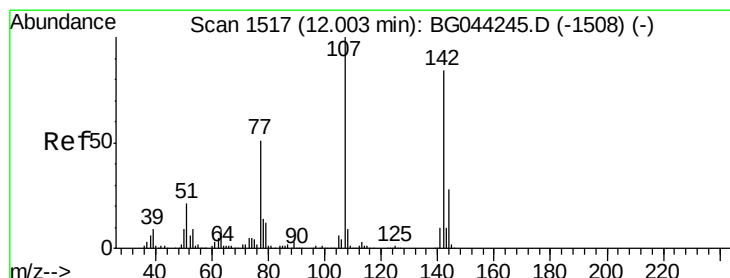
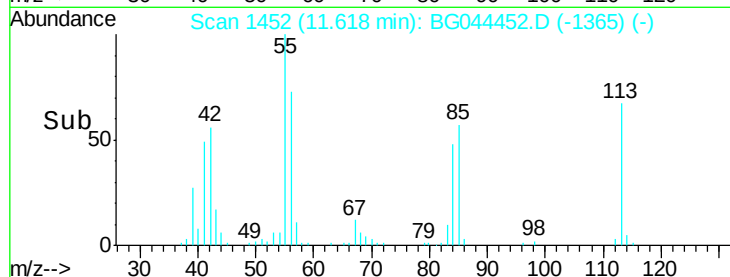
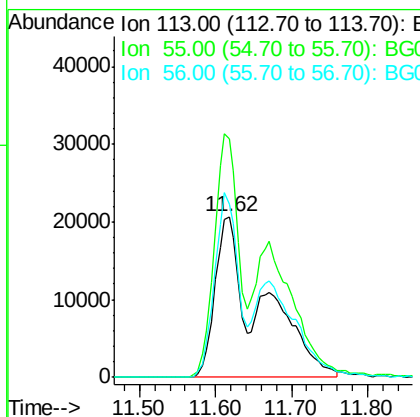
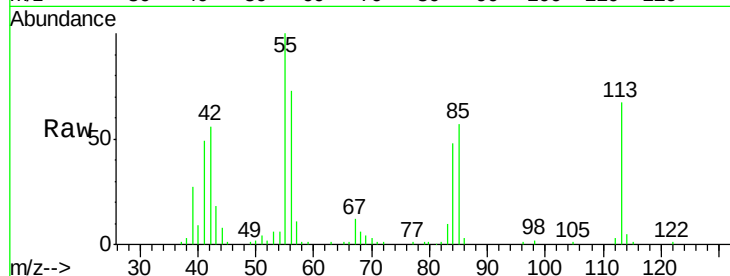
#35
 Caprolactam
 Concen: 51.81 ng m
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampled :
 2-5-1MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.0	129.9	169.9
56	108.2	92.5	132.5

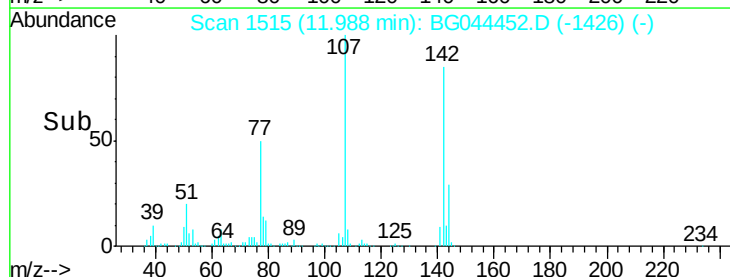
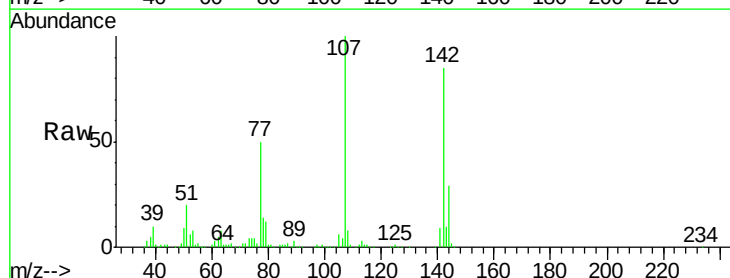
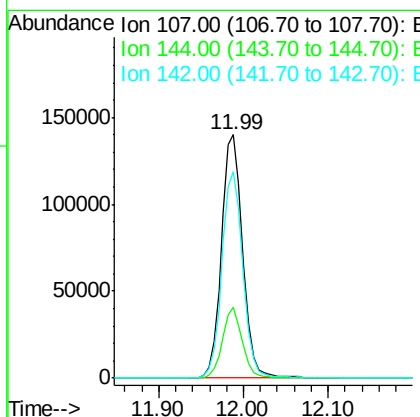
Manual Integrations
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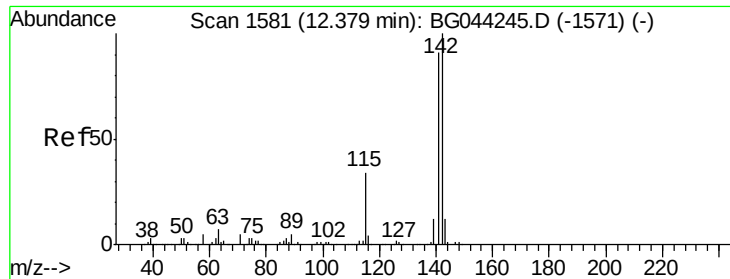
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.19 ng
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	22.2	33.4
142	84.9	67.4	101.0





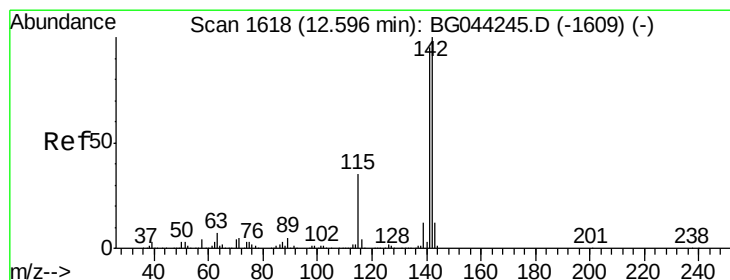
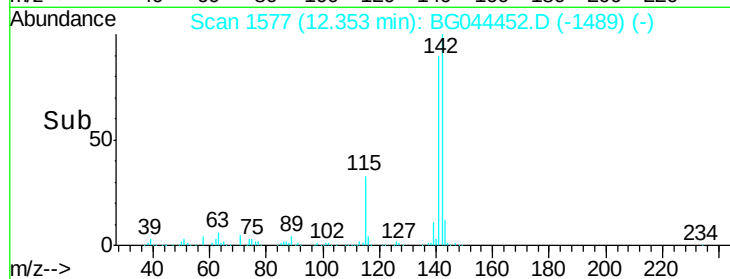
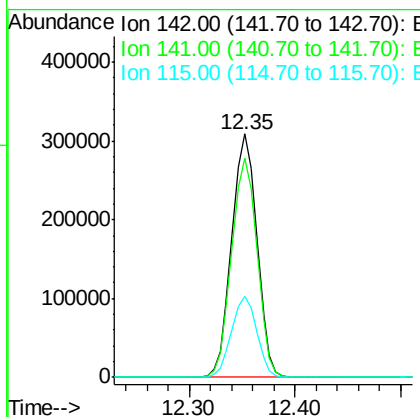
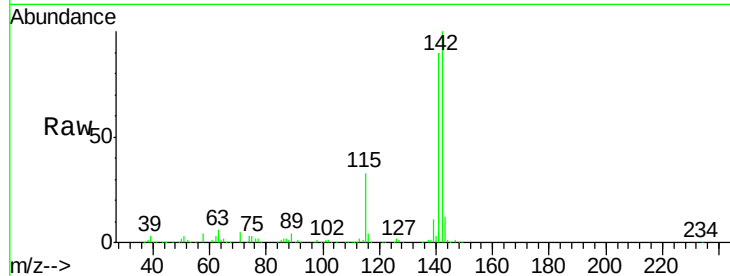
#37
 2-Methylnaphthalene
 Concen: 48.13 ng
 RT: 12.35 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	511023		
141	90.1	73.2	109.8	
115	33.1	27.1	40.7	

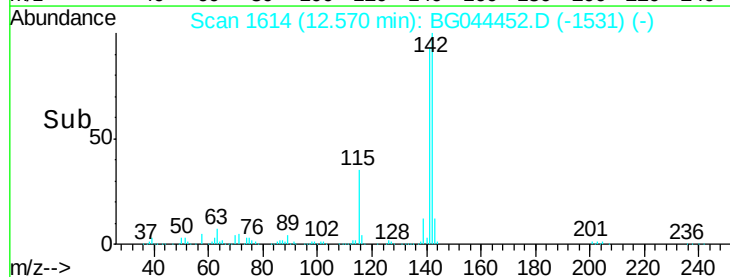
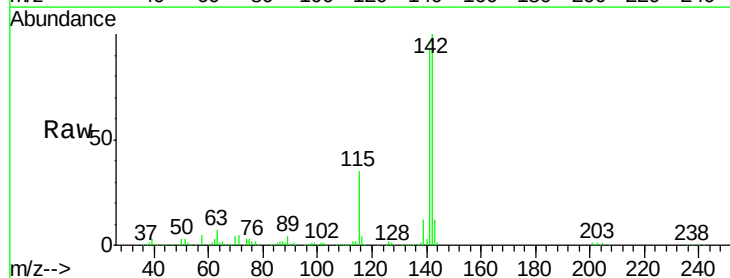
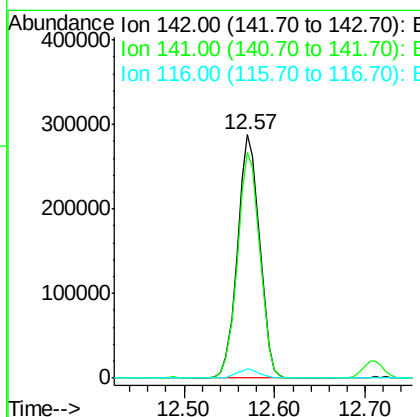
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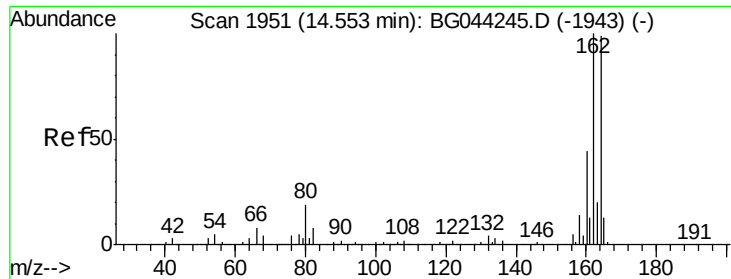
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#38
 1-Methylnaphthalene
 Concen: 48.90 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	489417		
141	92.9	75.8	113.6	
116	3.6	3.1	4.7	





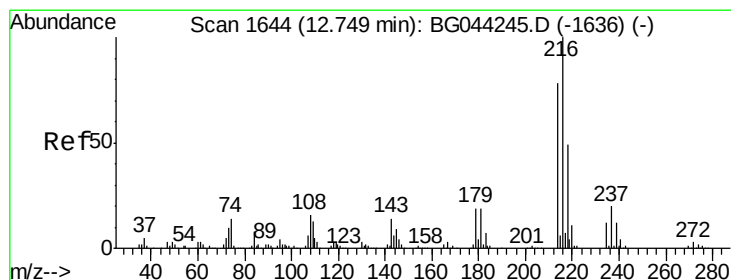
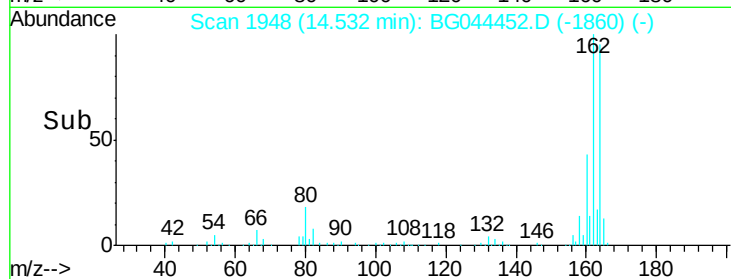
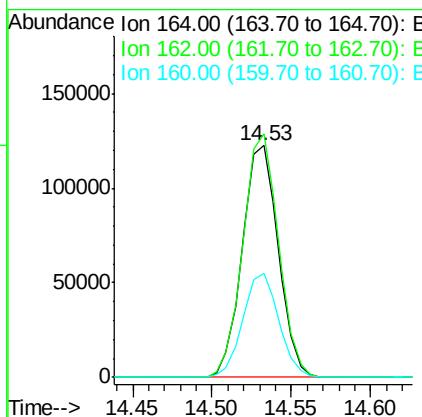
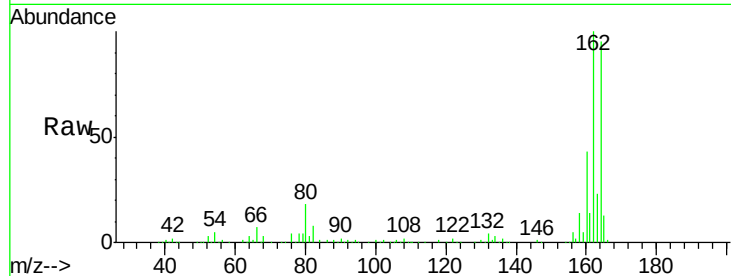
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	193245		
162	105.1	80.7	121.1	
160	44.8	35.3	52.9	

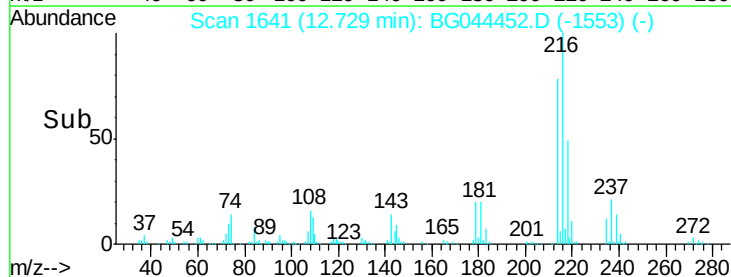
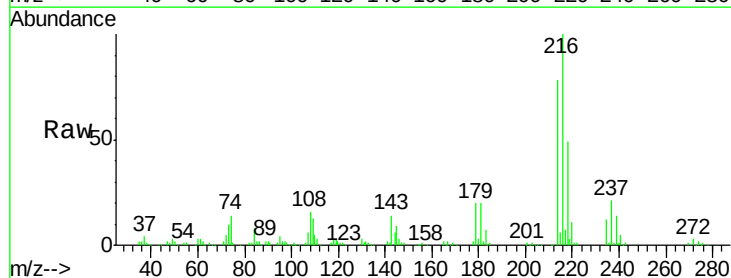
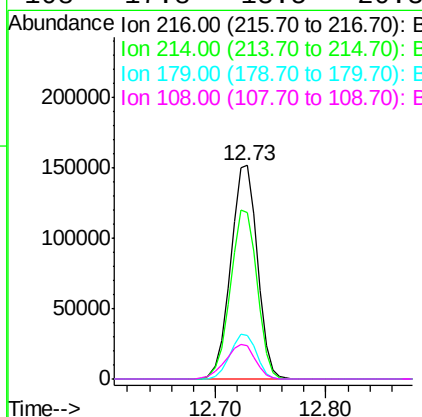
Manual Integrations
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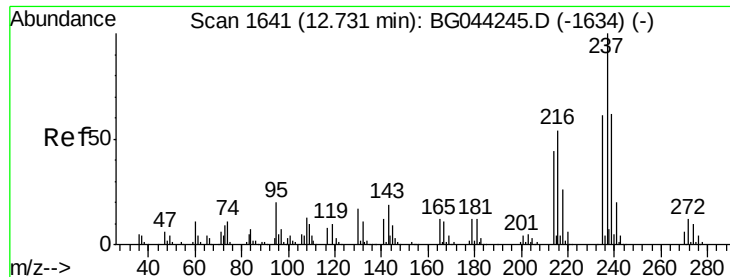
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.58 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	257680		
214	79.1	63.0	94.6	
179	20.6	16.2	24.4	
108	17.8	13.5	20.3	





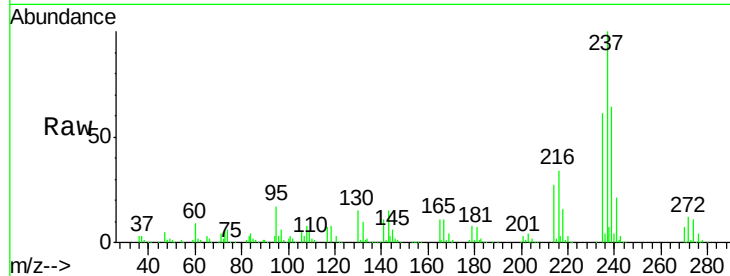
#41
Hexachlorocyclopentadiene
Concen: 103.08 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampled :
2-5-1MS

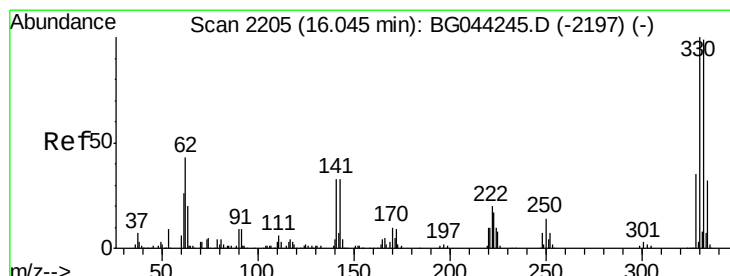
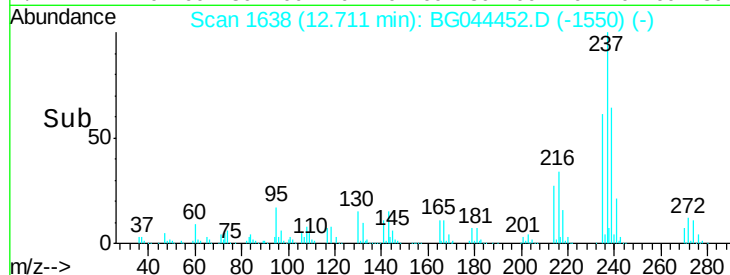
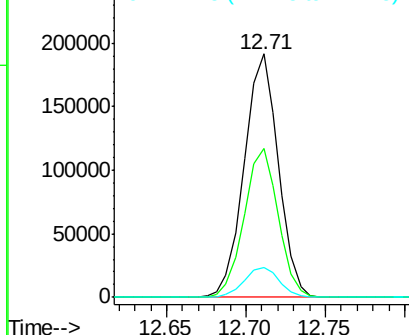
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.9	41.2	81.2
272	12.3	0.0	32.4

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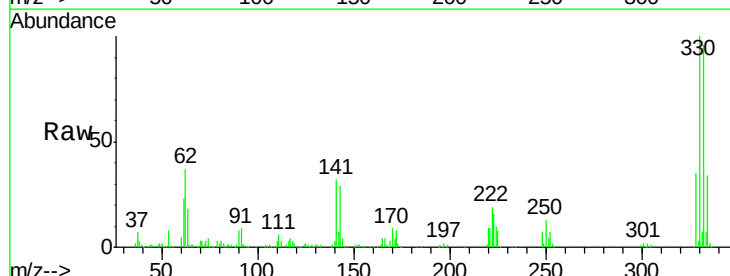


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

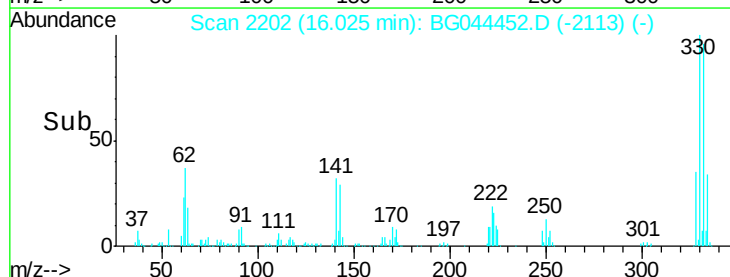
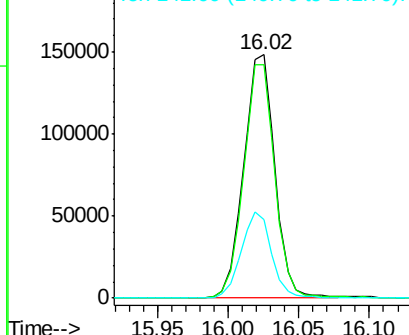


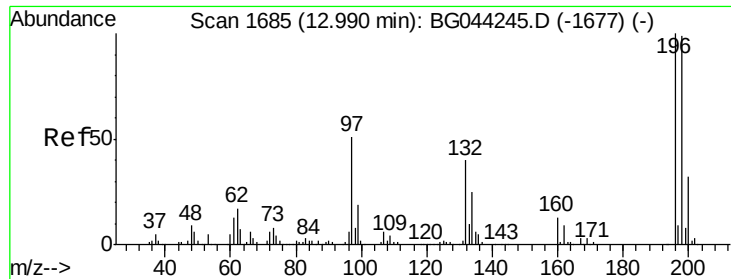
#42
2,4,6-Tribromophenol
Concen: 100.92 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	77.2	115.8
141	34.6	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





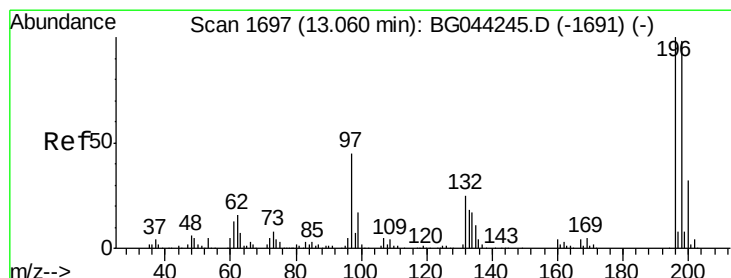
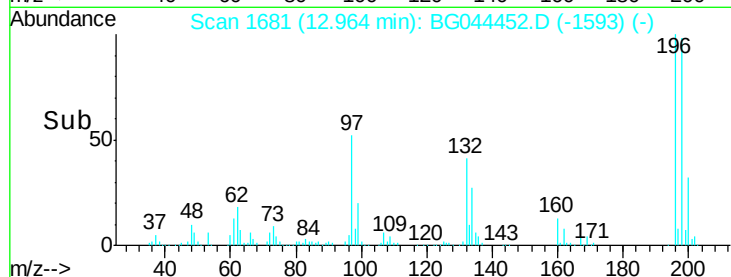
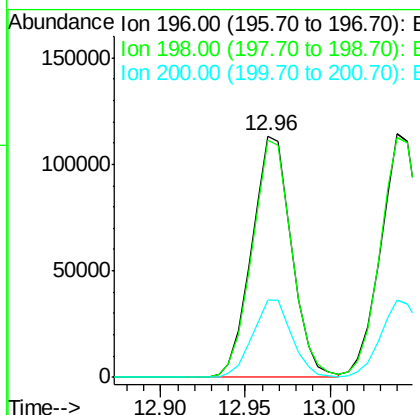
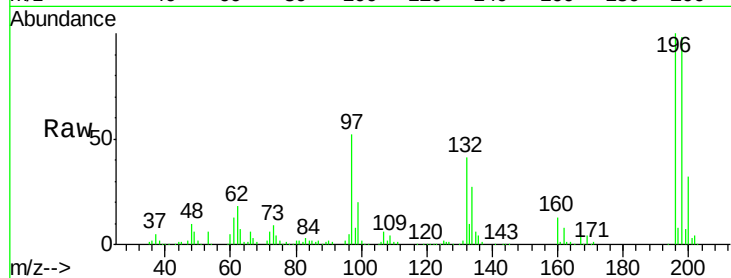
#43
2,4,6-Trichlorophenol
Concen: 49.37 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184449		
198	98.3	79.3	118.9	
200	32.1	25.7	38.5	

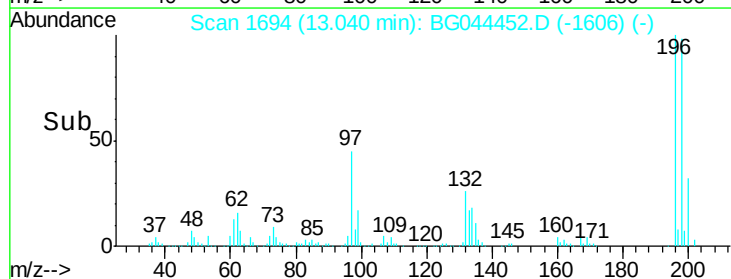
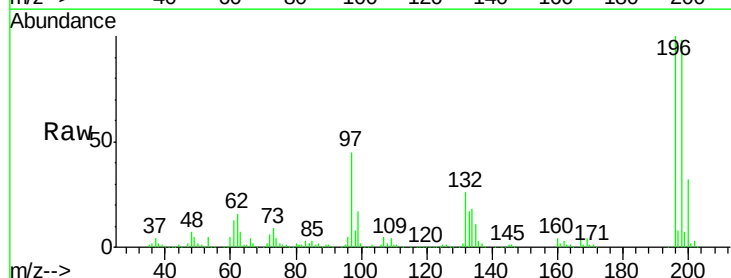
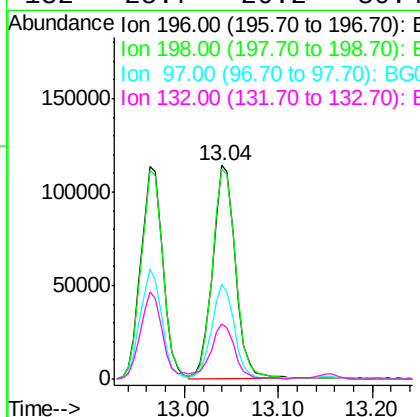
Manual Integrations
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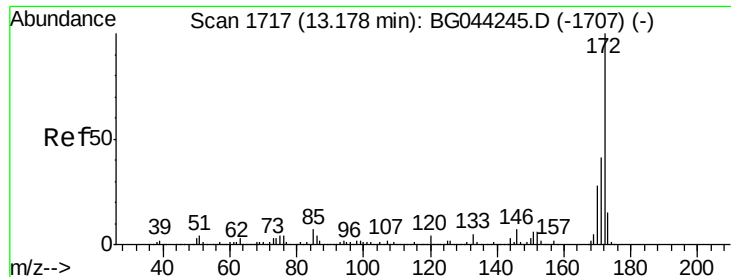
mohammad
2/18/2020 3:16:57 PM



#44
2,4,5-Trichlorophenol
Concen: 51.11 ng
RT: 13.04 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195072		
198	98.2	78.2	117.2	
97	44.6	36.2	54.4	
132	25.7	20.2	30.4	





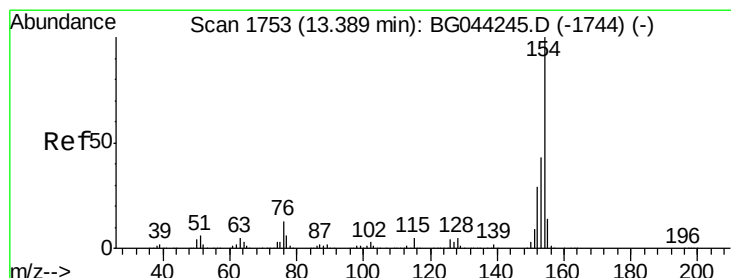
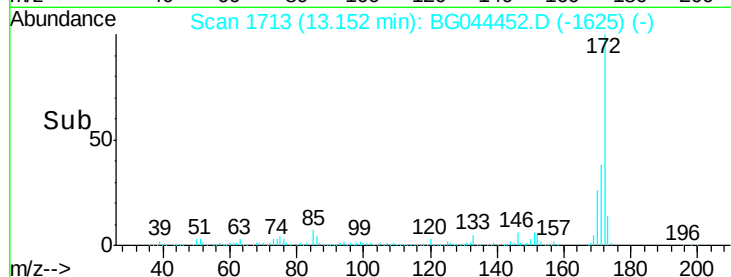
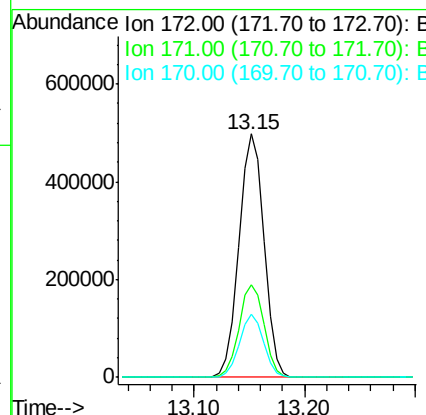
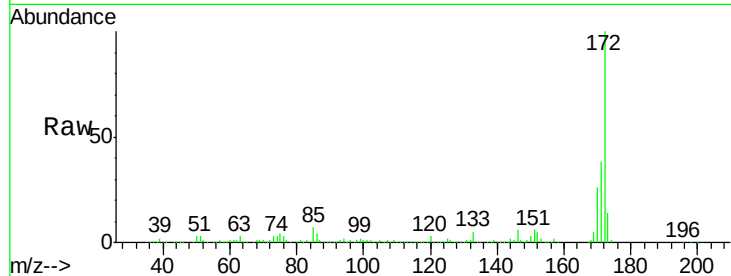
#45
2-Fluorobiphenyl
Concen: 68.85 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	794529		
171	38.1		32.9	49.3
170	25.9		22.0	33.0

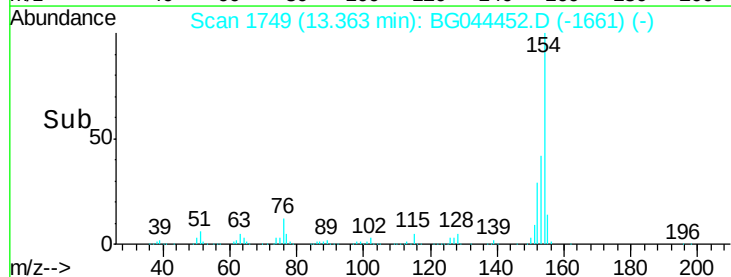
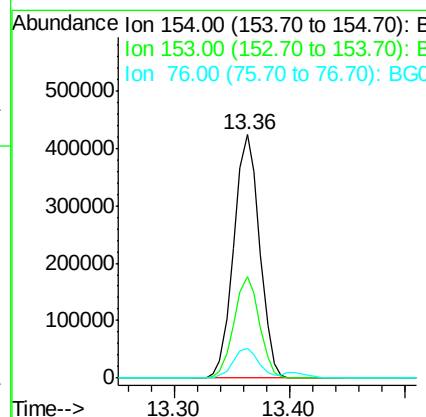
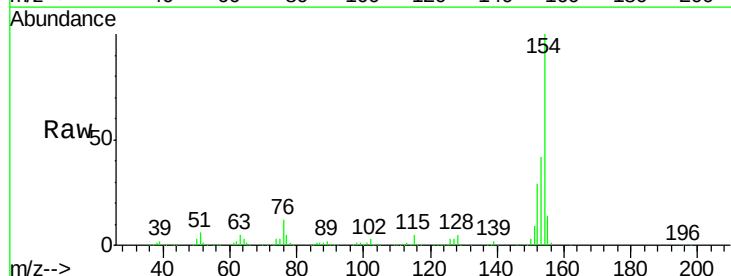
Manual Integrations
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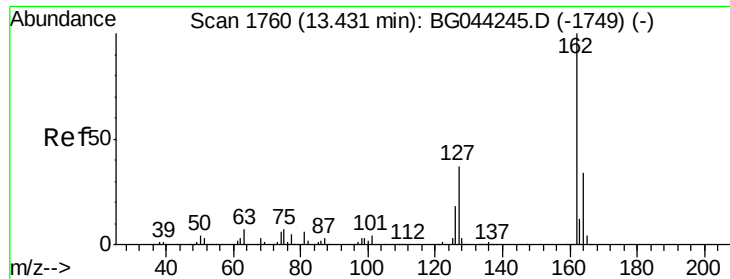
mohammad
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#46
1,1'-Biphenyl
Concen: 46.92 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	654067		
153	41.8		22.7	62.7
76	12.3		0.0	32.9





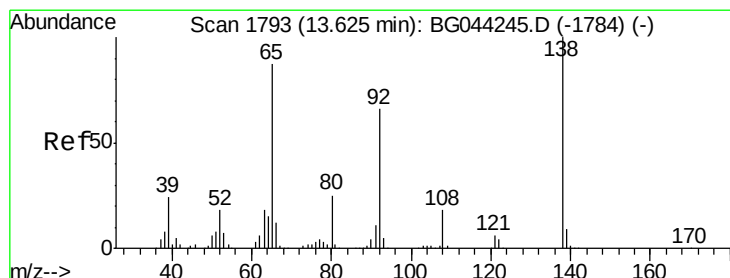
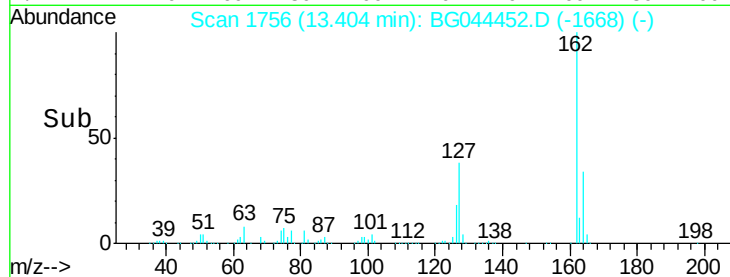
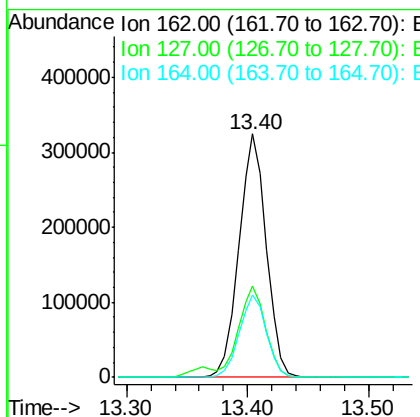
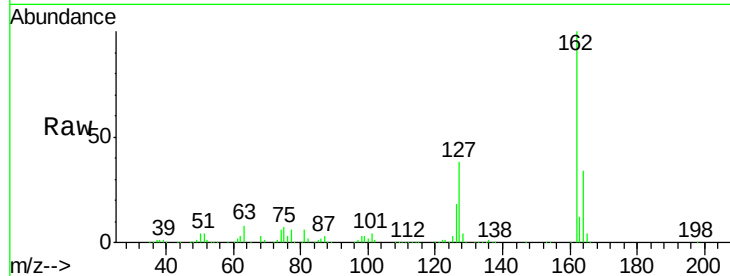
#47
 2-Chloronaphthalene
 Concen: 45.84 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	508478		
127	37.5	30.0	45.0	
164	34.0	27.2	40.8	

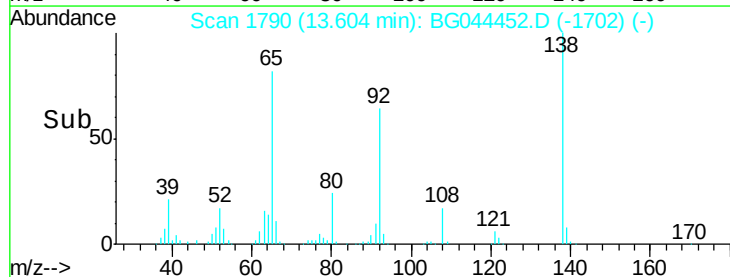
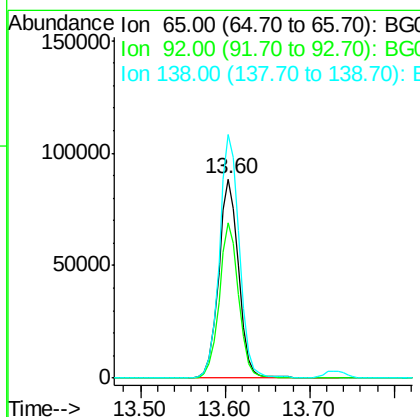
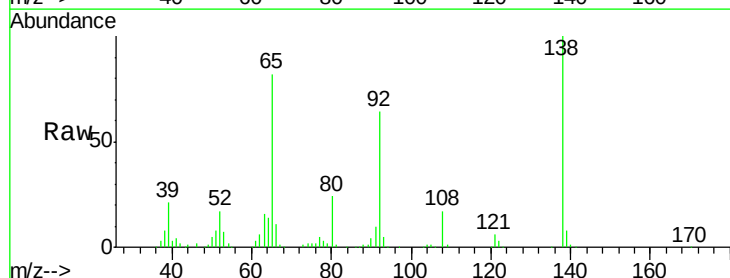
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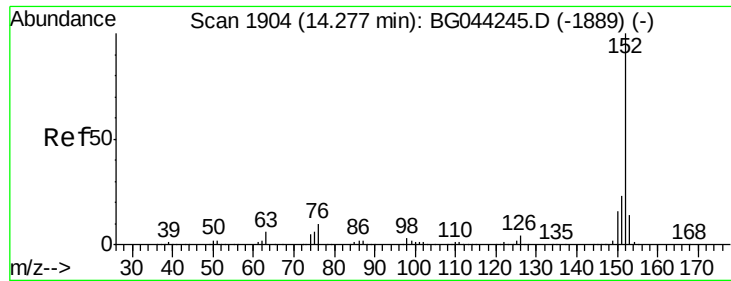
mohammad
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#48
 2-Nitroaniline
 Concen: 44.49 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	145644		
92	78.0	60.3	90.5	
138	122.2	91.9	137.9	





#49

Acenaphthylene

Concen: 49.63 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

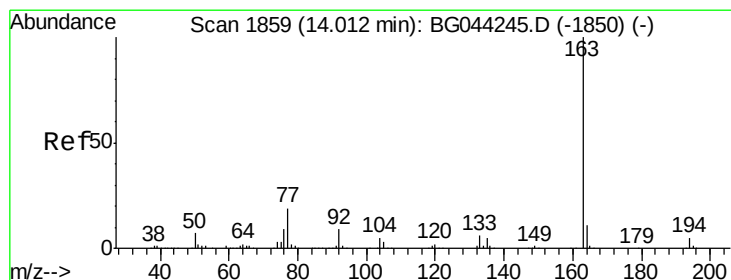
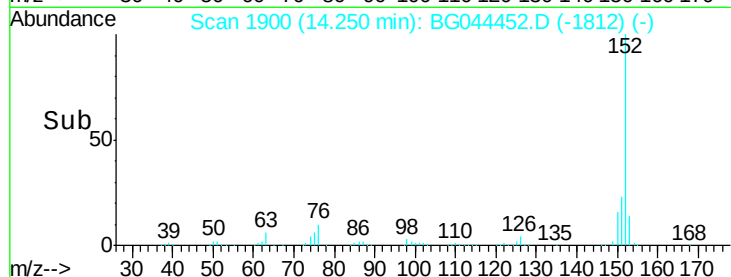
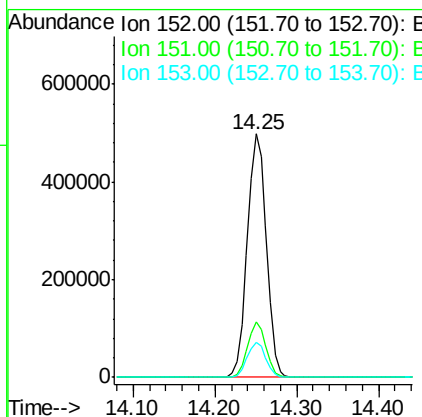
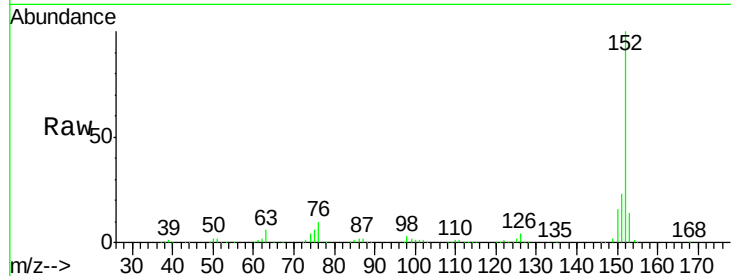
ClientSampleId :

2-5-1MS

Tgt Ion:	152	Resp:	807416
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.1	27.1
153	14.4	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.25 ng

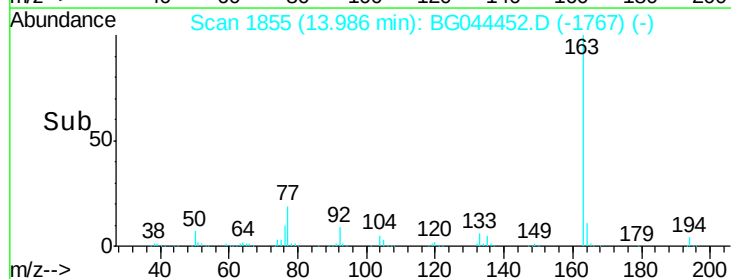
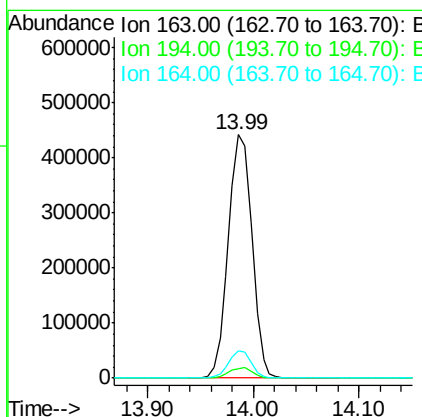
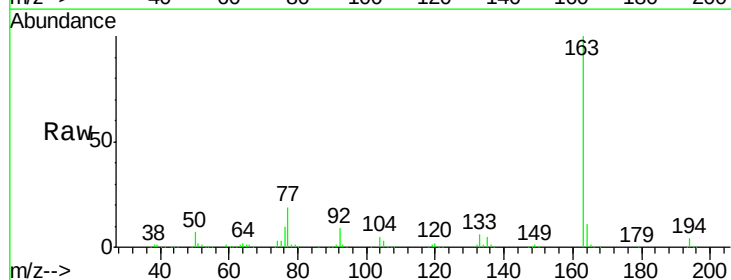
RT: 13.99 min Scan# 1855

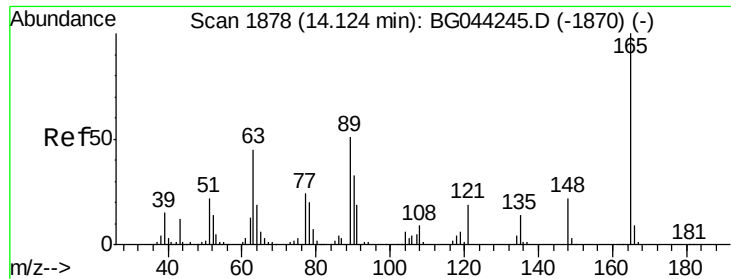
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	163	Resp:	684181
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	11.3	8.7	13.1





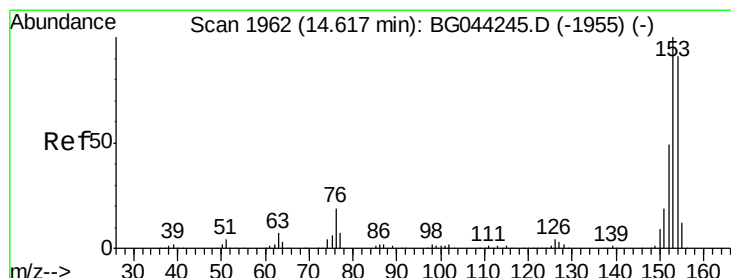
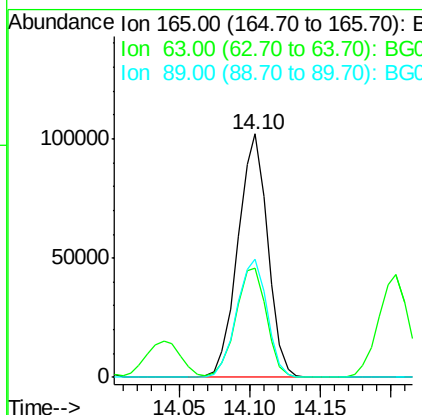
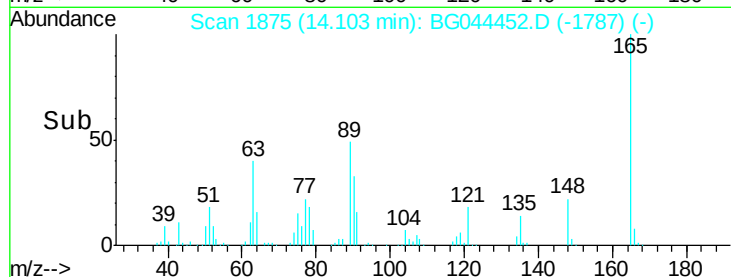
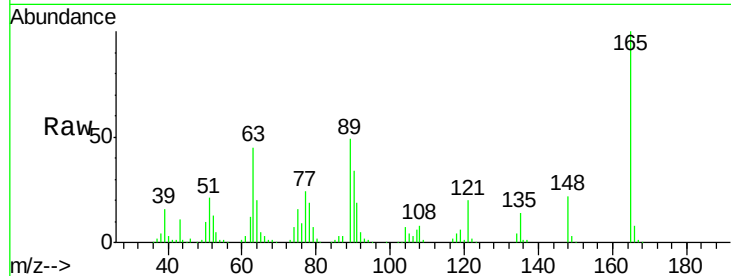
#51
 2,6-Dinitrotoluene
 Concen: 48.51 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150237		
63	44.9	38.7	58.1	
89	48.6	40.4	60.6	

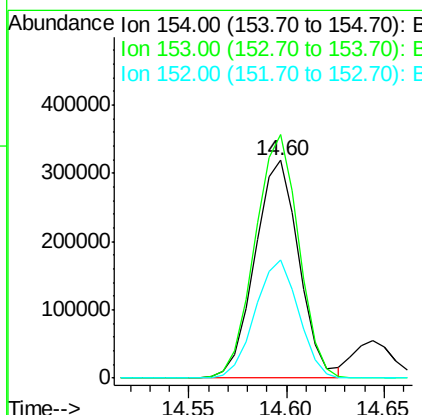
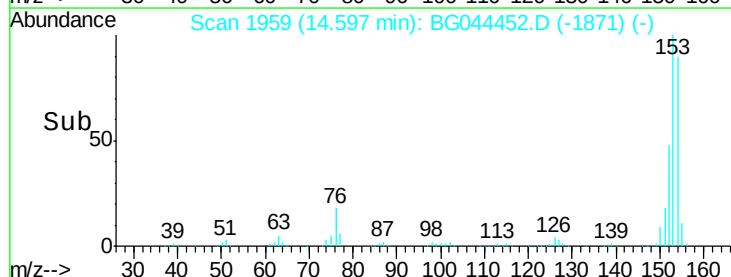
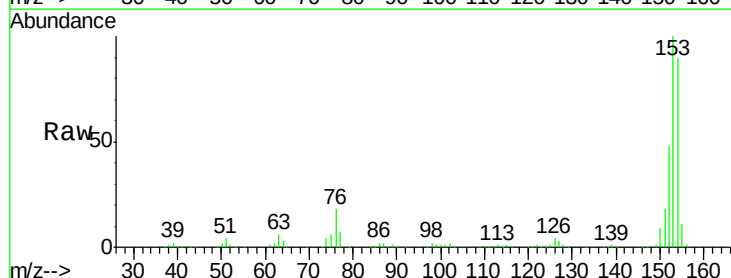
Manual Integrations
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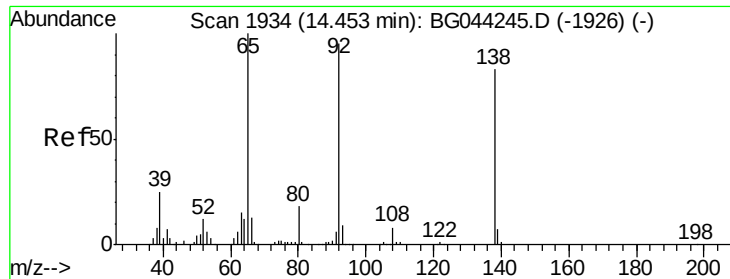
mohammad
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#52
 Acenaphthene
 Concen: 47.40 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	499864		
153	111.7	87.9	131.9	
152	54.2	43.1	64.7	





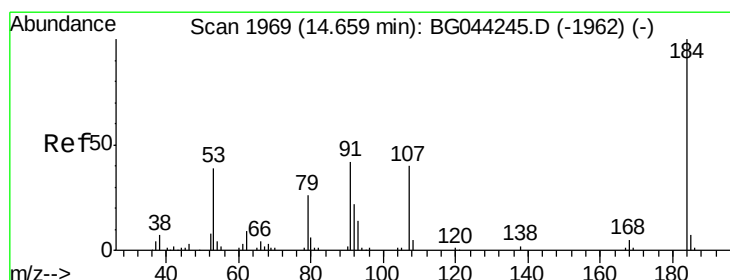
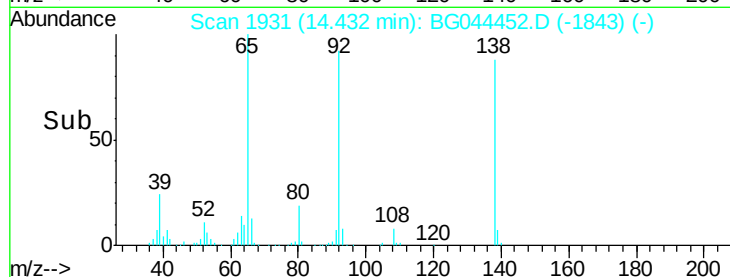
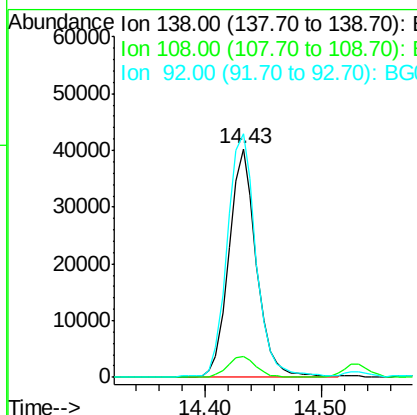
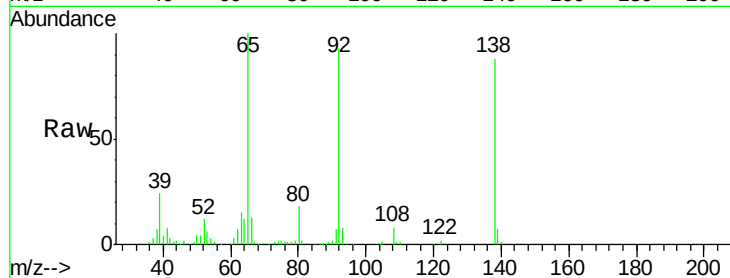
#53
 3-Nitroaniline
 Concen: 19.42 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampled :
 2-5-1MS

Tgt Ion:138 Resp: 66560
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 106.4 91.0 136.4

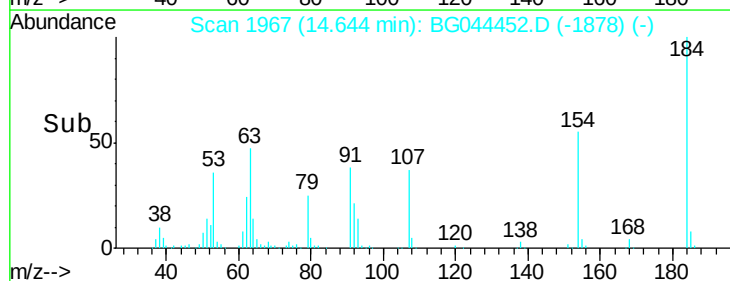
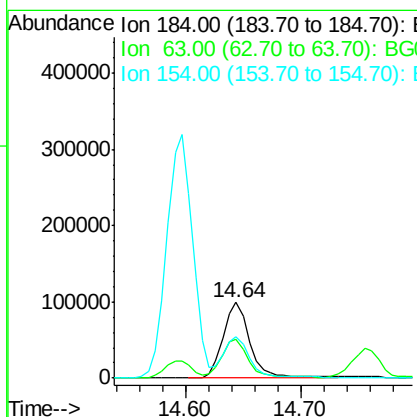
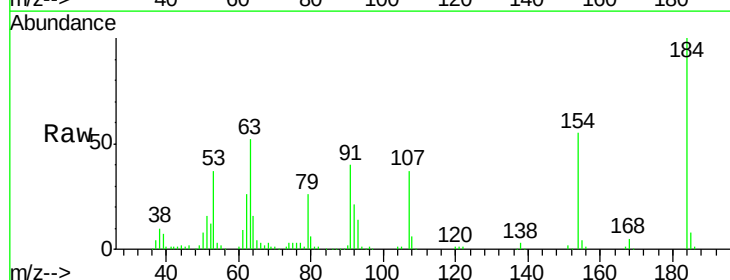
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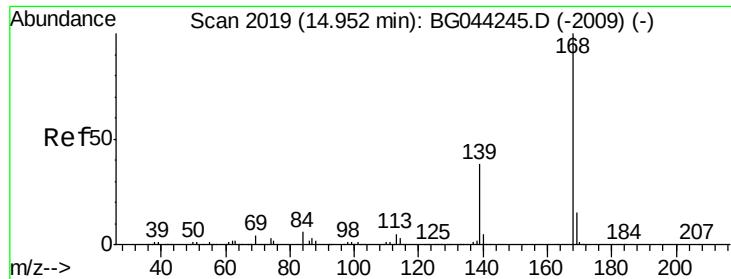
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#54
 2,4-Dinitrophenol
 Concen: 87.68 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion:184 Resp: 162398
 Ion Ratio Lower Upper
 184 100
 63 51.9 44.1 66.1
 154 54.8 45.4 68.0





#55

Dibenzenofuran

Concen: 47.93 ng

RT: 14.93 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

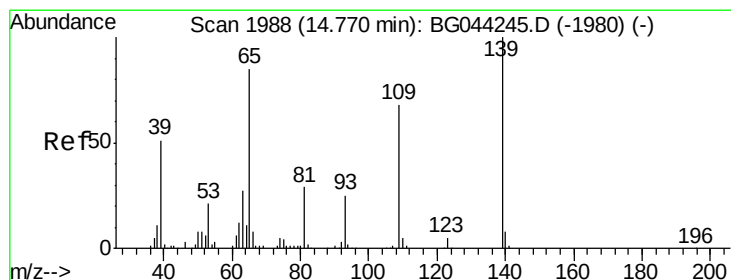
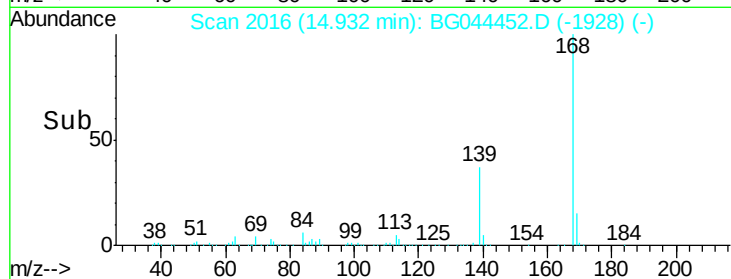
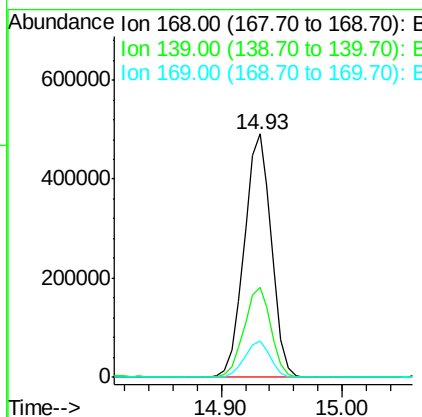
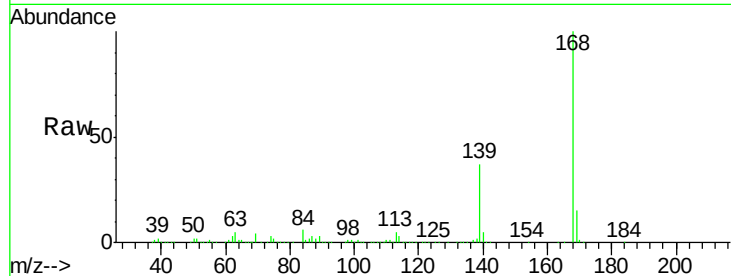
ClientSampled :

2-5-1MS

Tgt Ion:	168	Resp:	765156
Ion Ratio	Lower	Upper	
168	100		
139	37.1	30.5	45.7
169	14.7	11.7	17.5

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#56

4-Nitrophenol

Concen: 103.96 ng

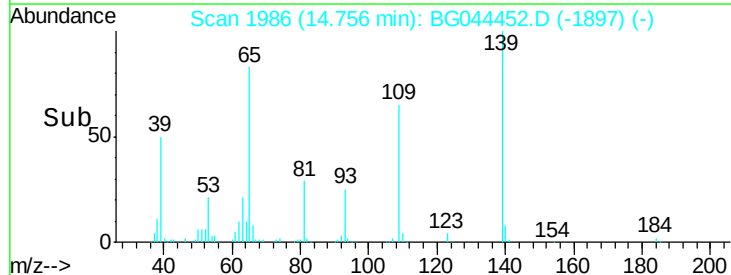
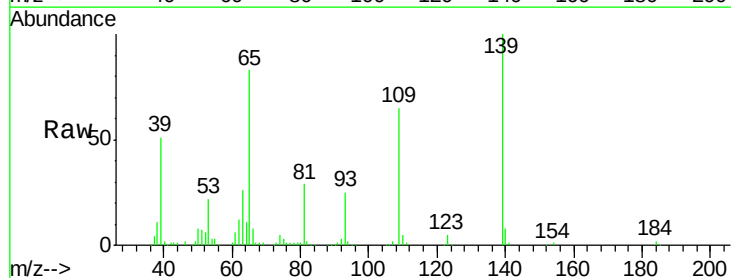
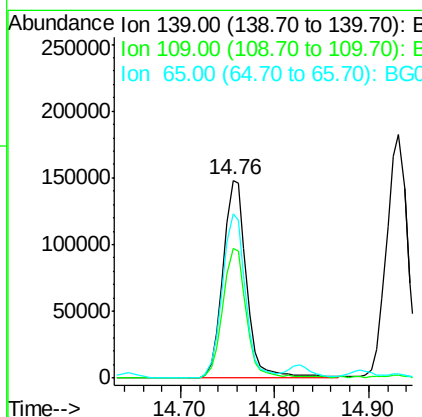
RT: 14.76 min Scan# 1986

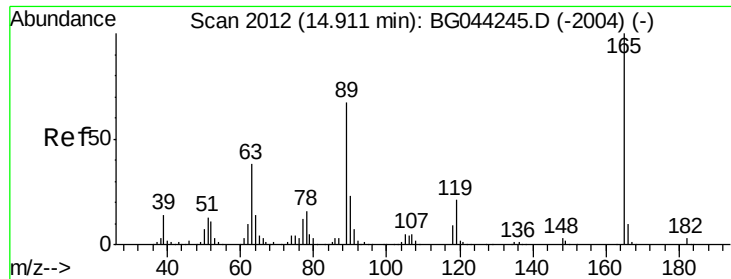
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	139	Resp:	260948
Ion Ratio	Lower	Upper	
139	100		
109	65.5	47.5	87.5
65	83.0	64.9	104.9





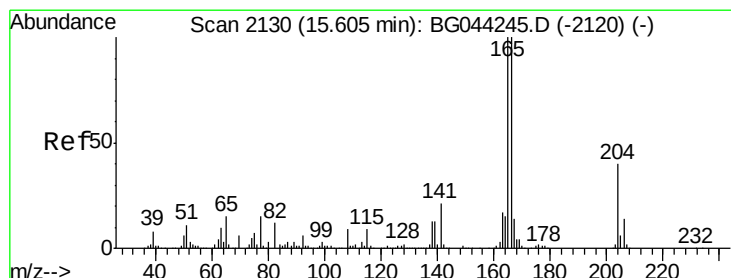
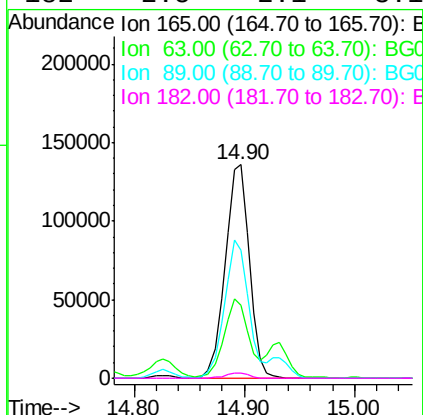
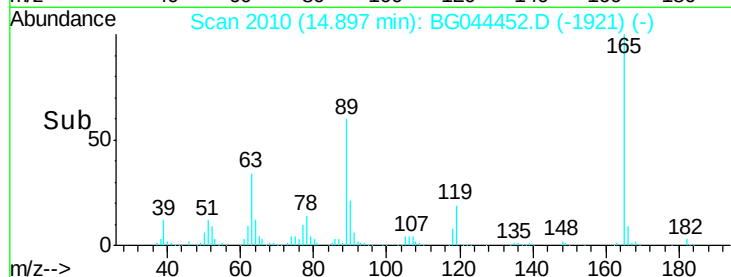
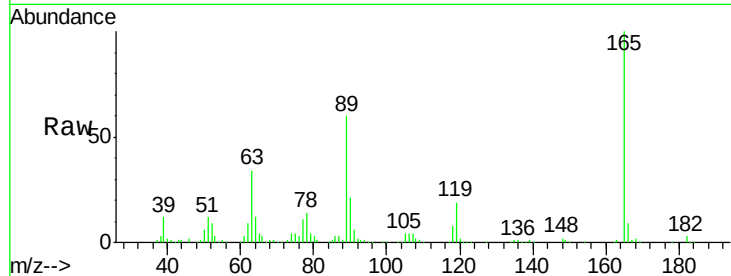
#57
2,4-Dinitrotoluene
Concen: 47.97 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	34.2	30.3	45.5
89	59.8	53.4	80.2
182	2.5	2.1	3.1

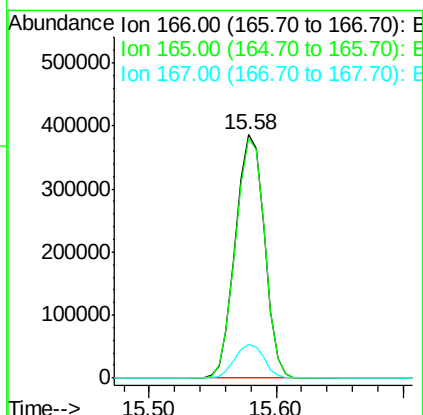
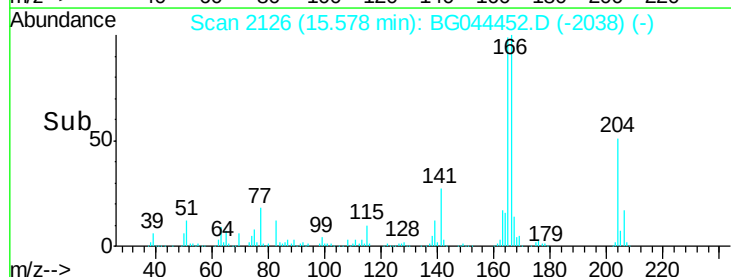
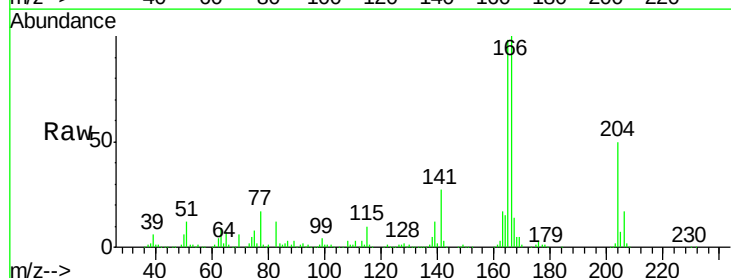
Manual Integrations
APPROVED

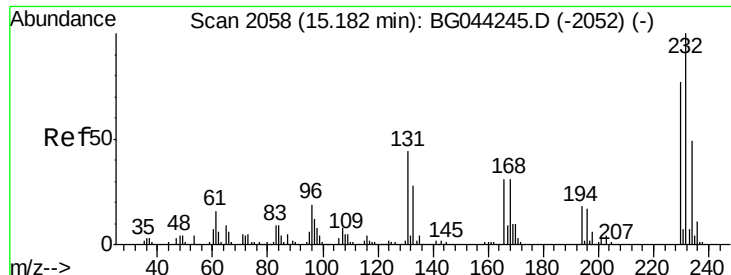
mohammad
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#58
Fluorene
Concen: 48.55 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

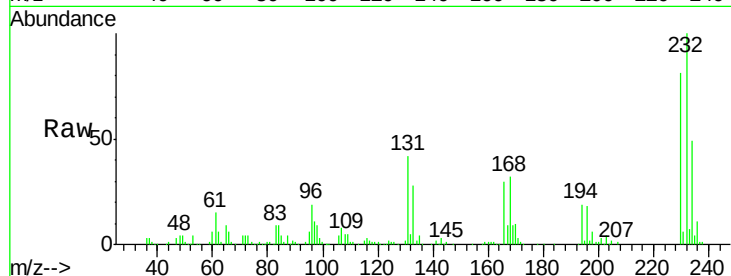
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.2	79.9	119.9
167	13.8	11.4	17.0





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.53 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

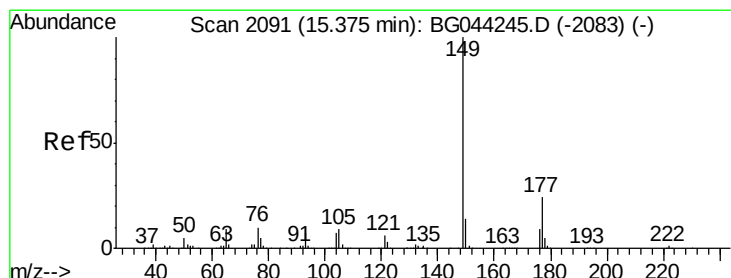
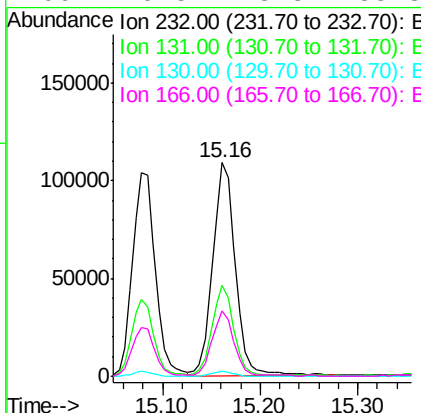
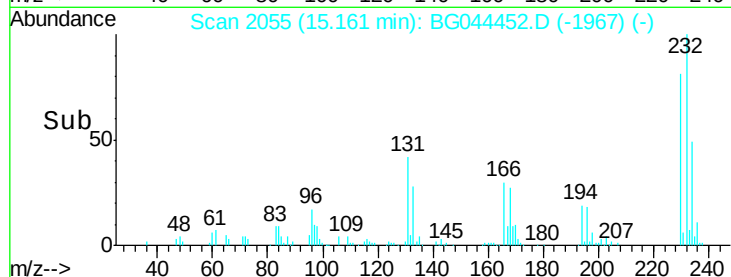
Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS



Tgt Ion:	232	Resp:	174176
Ion Ratio	Lower	Upper	
232	100		
131	40.9	34.2	51.4
130	2.2	1.8	2.8
166	29.5	23.8	35.8

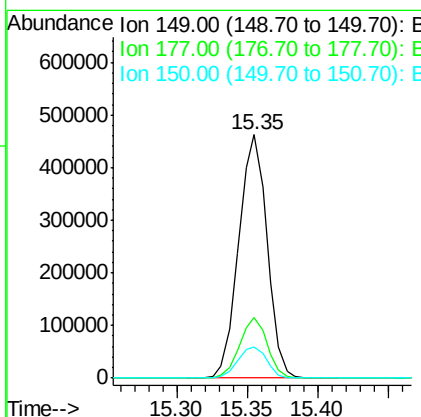
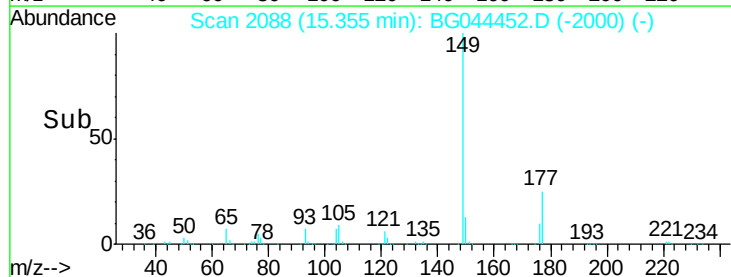
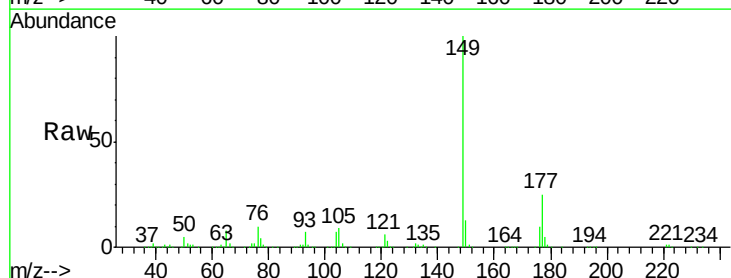
Manual Integrations
 APPROVED

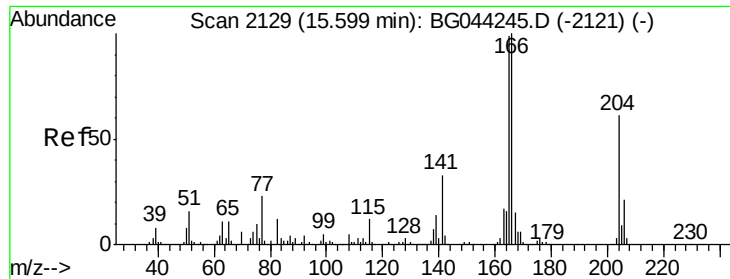
mohammad
 2/18/2020 3:16:57 PM



#60
 Diethylphthalate
 Concen: 46.92 ng
 RT: 15.35 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion:	149	Resp:	649483
Ion Ratio	Lower	Upper	
149	100		
177	24.7	19.4	29.0
150	12.9	10.9	16.3





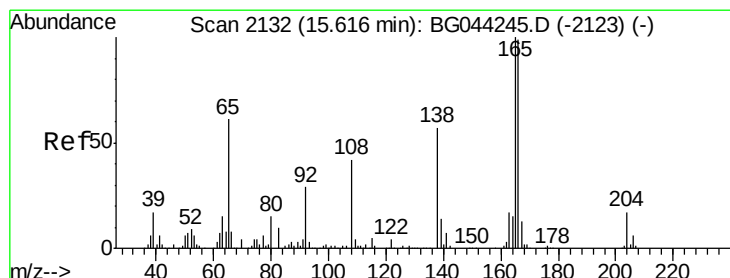
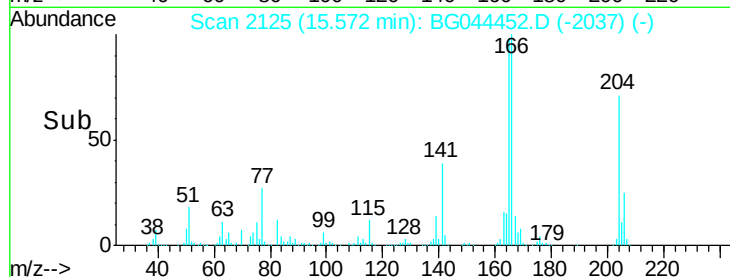
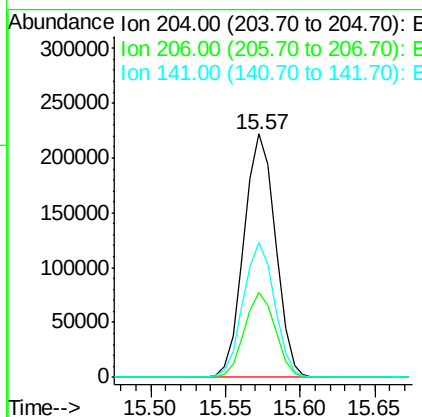
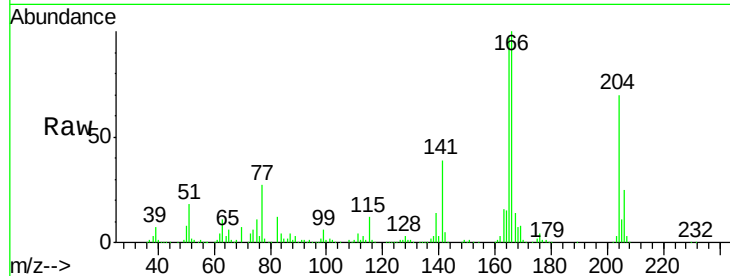
#61
4-Chlorophenyl-phenylether
Concen: 47.58 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	324401		
206	35.1	27.6	41.4	
141	55.6	43.4	65.0	

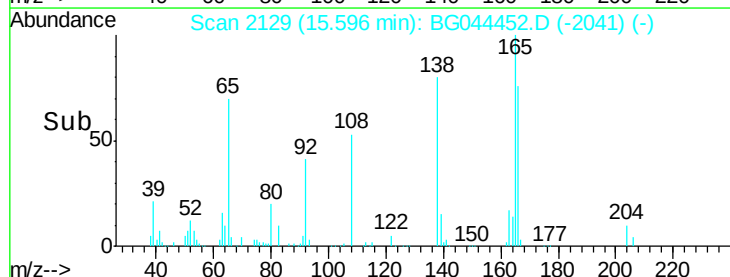
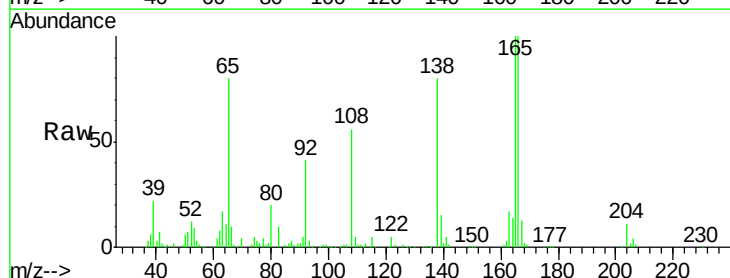
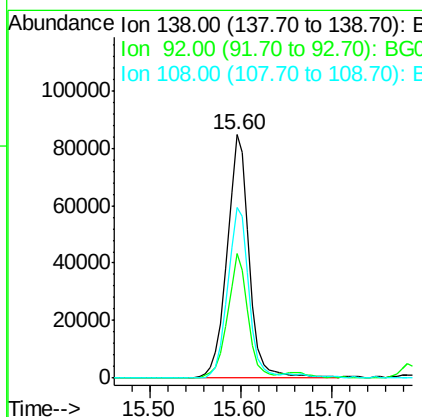
Manual Integrations
APPROVED

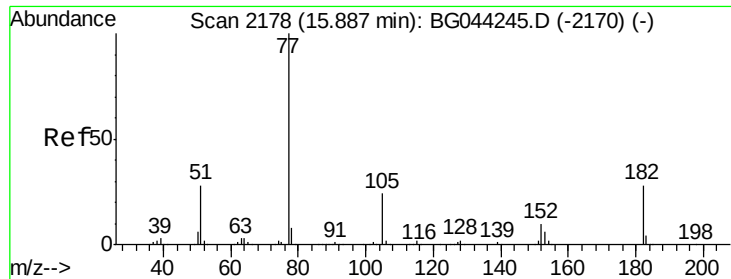
mohammad
2/18/2020 3:16:57 PM



#62
4-Nitroaniline
Concen: 42.06 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144017		
92	51.4	31.3	71.3	
108	70.2	52.6	92.6	





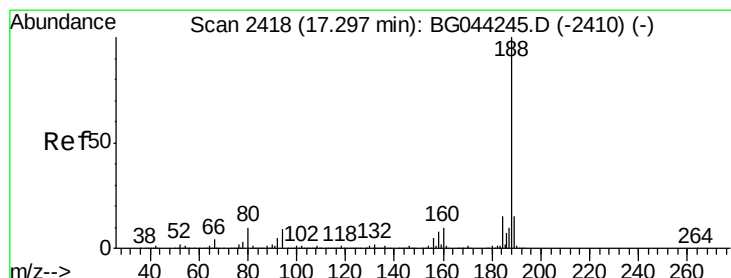
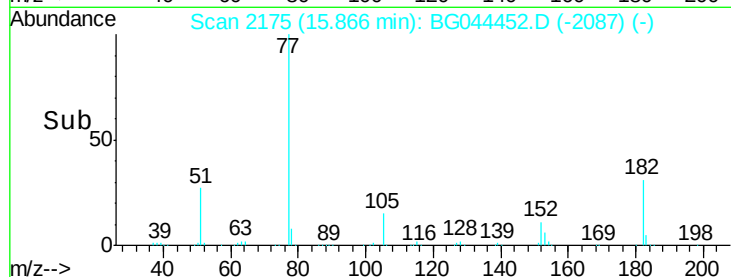
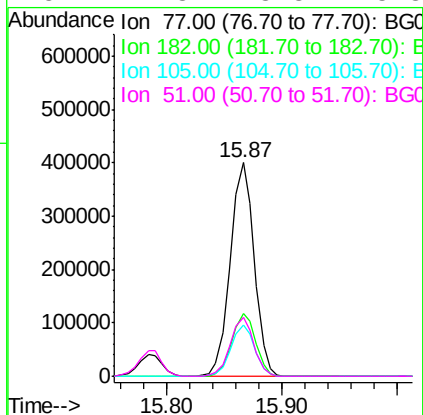
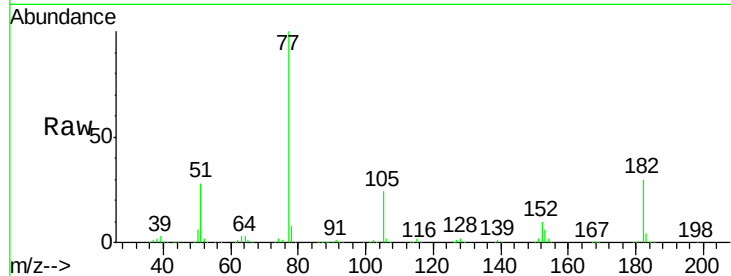
#63
Azobenzene
Concen: 47.31 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	573860		
182	29.6	8.2	48.2	
105	24.1	3.6	43.6	
51	27.8	8.3	48.3	

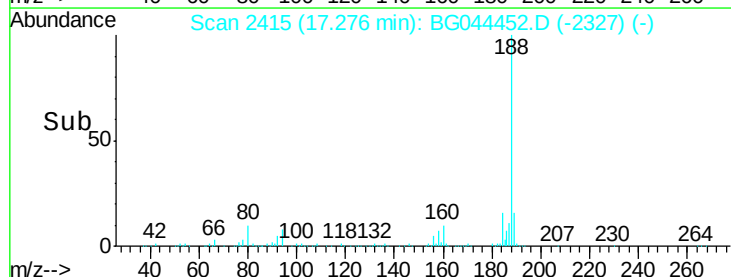
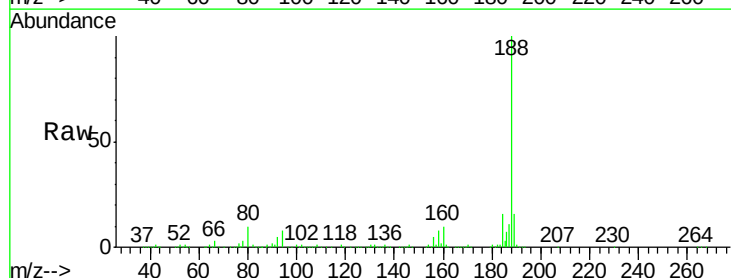
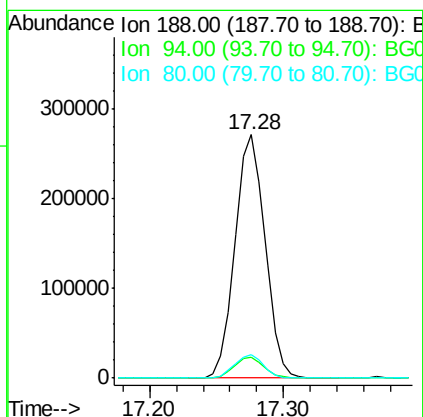
Manual Integrations
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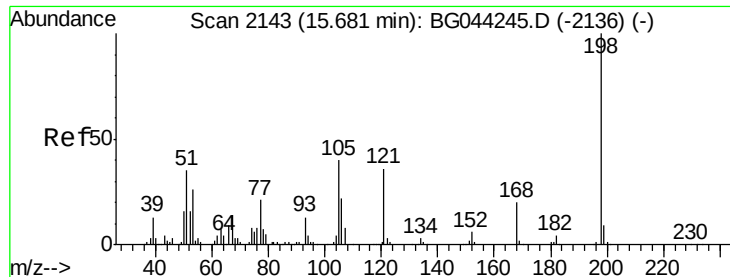
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	422932		
94	8.4	7.4	11.2	
80	9.6	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 55.36 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

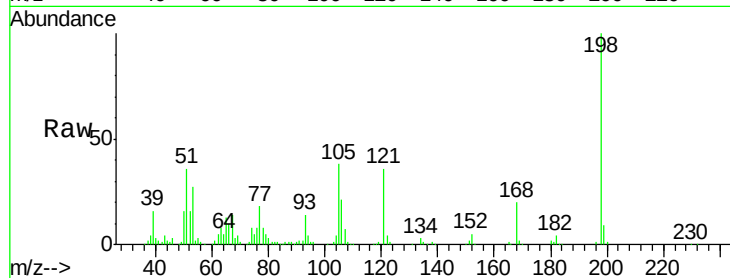
ClientSampleId :

2-5-1MS

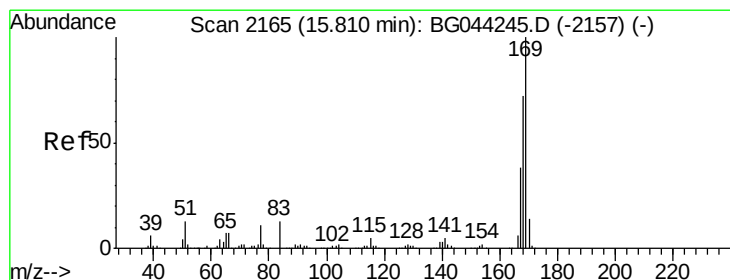
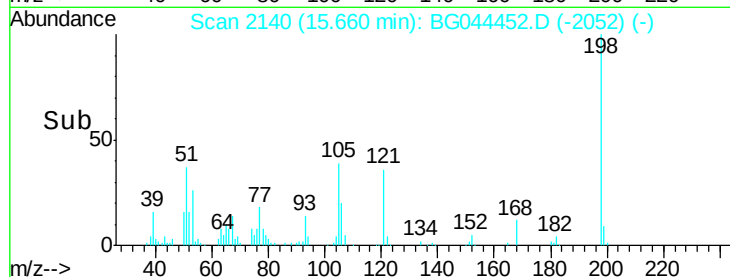
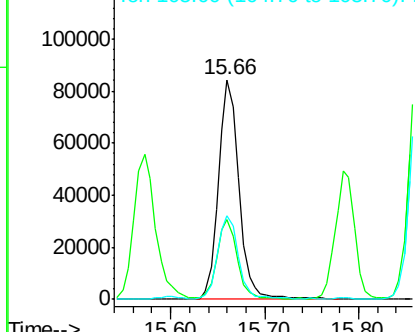
Tgt Ion:	198	Resp:	129231
Ion Ratio	Lower	Upper	
198	100		
51	36.3	16.6	56.6
105	38.2	20.6	60.6

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



#66

n-Nitrosodiphenylamine

Concen: 48.27 ng

RT: 15.79 min Scan# 2162

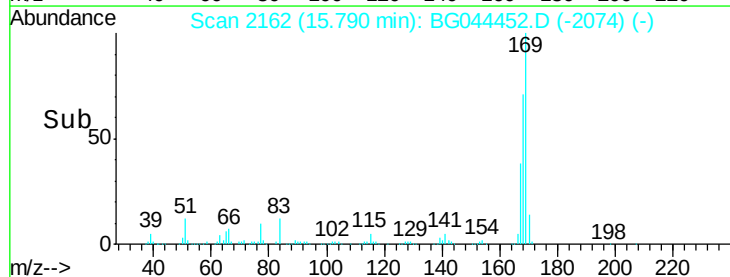
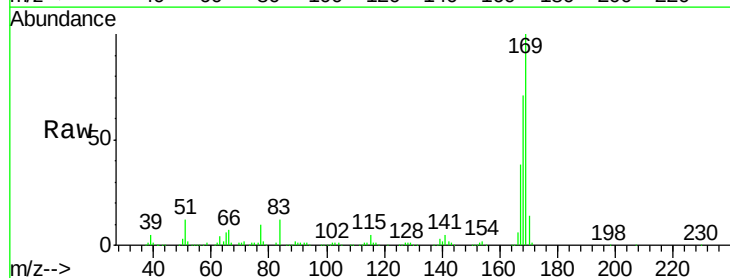
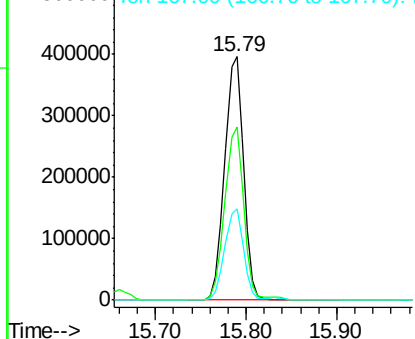
Delta R.T. -0.01 min

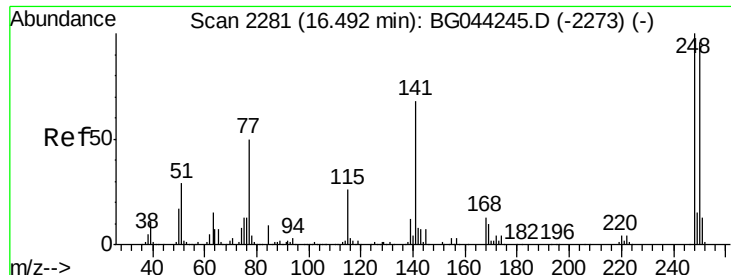
Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	169	Resp:	572090
Ion Ratio	Lower	Upper	
169	100		
168	71.0	57.9	86.9
167	37.7	30.7	46.1

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





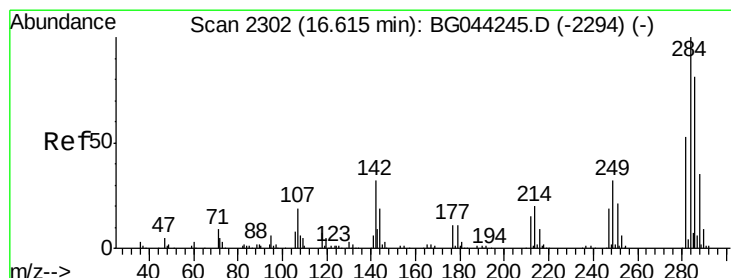
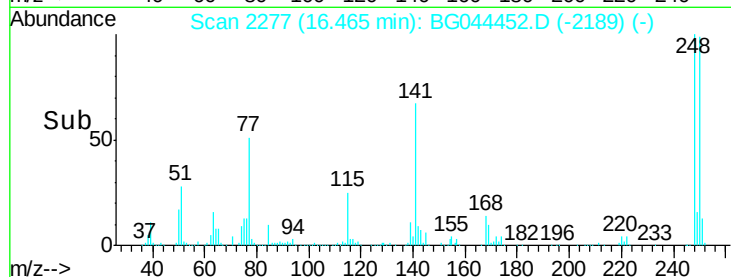
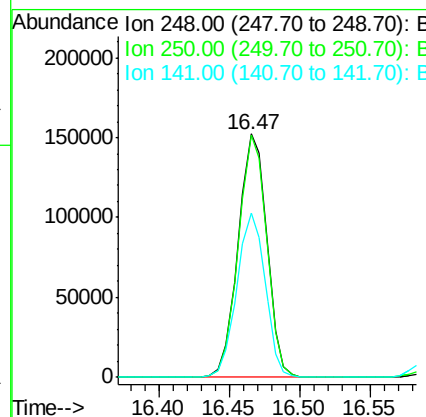
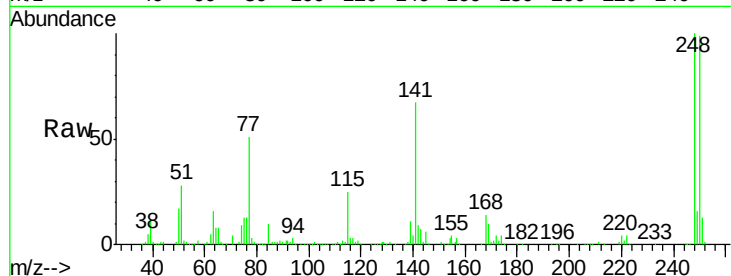
#67
 4-Bromophenyl-phenylether
 Concen: 46.76 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	215466		
250	99.5	76.6	114.8	
141	67.5	54.7	82.1	

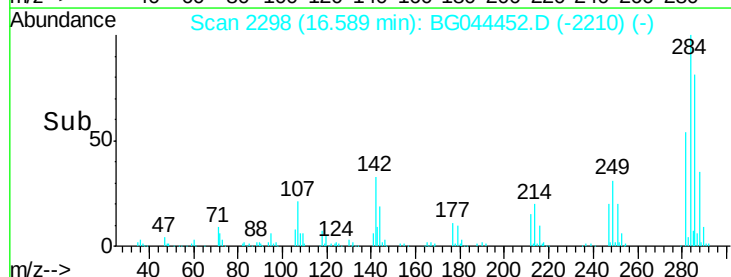
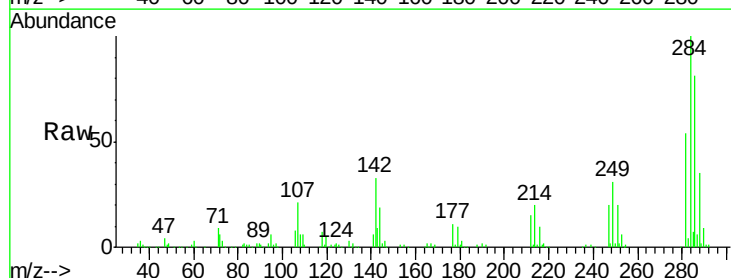
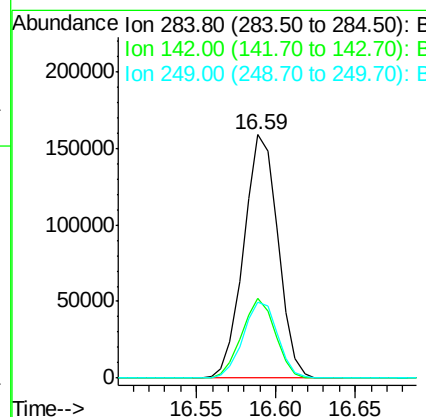
Manual Integrations
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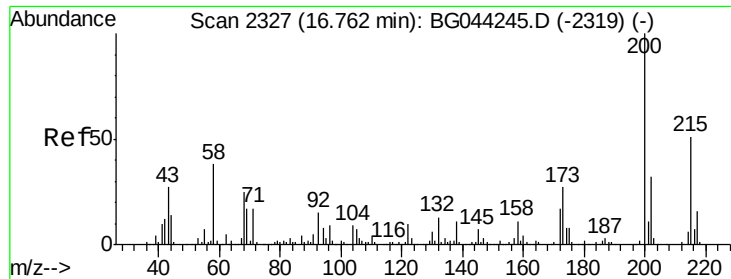
mohammad
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#68
 Hexachlorobenzene
 Concen: 46.09 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	237916		
142	32.9	25.3	37.9	
249	31.3	25.5	38.3	





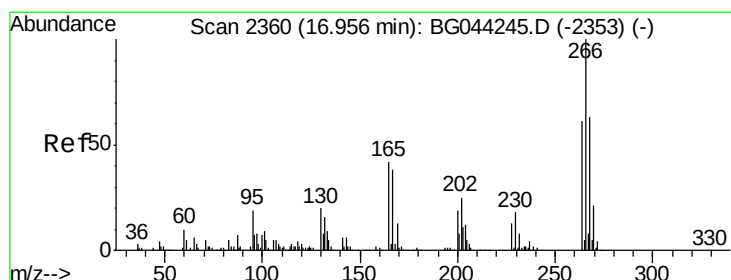
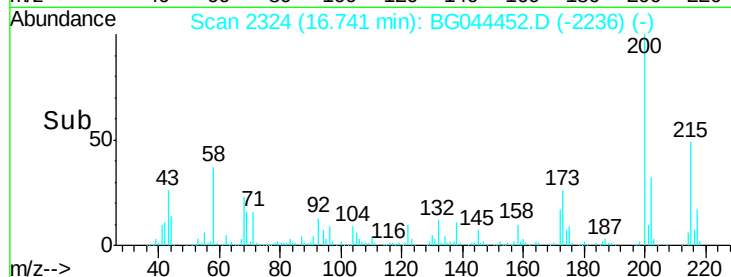
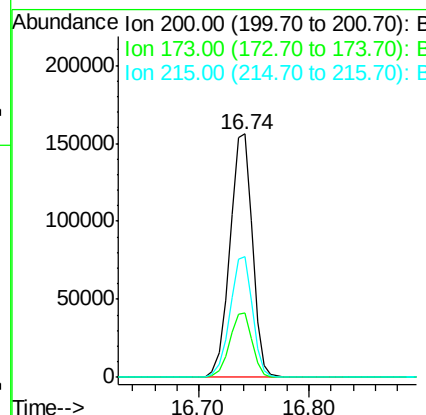
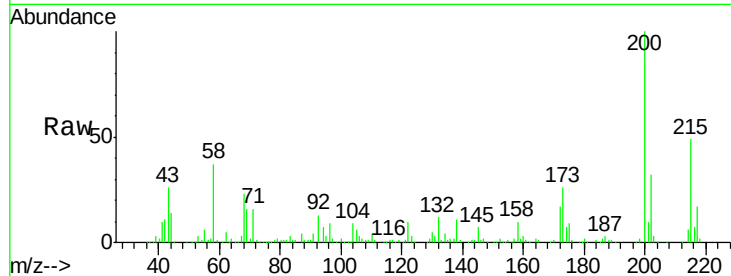
#69
 Atrazine
 Concen: 54.90 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.6	46.6
215	49.4	31.0	71.0

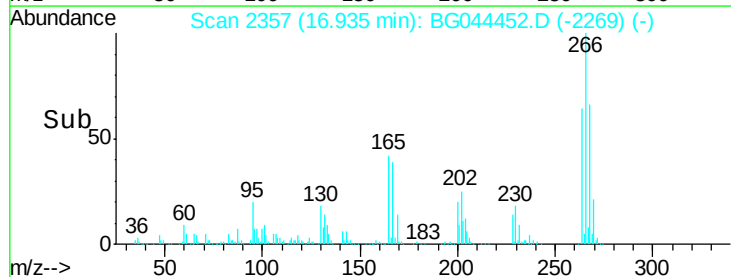
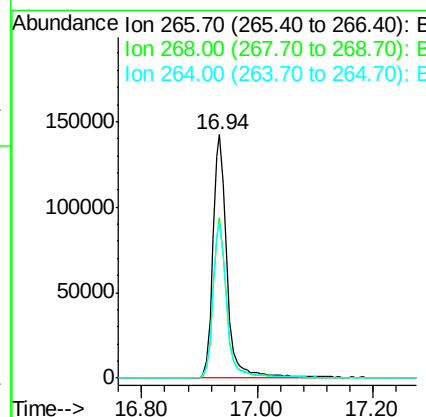
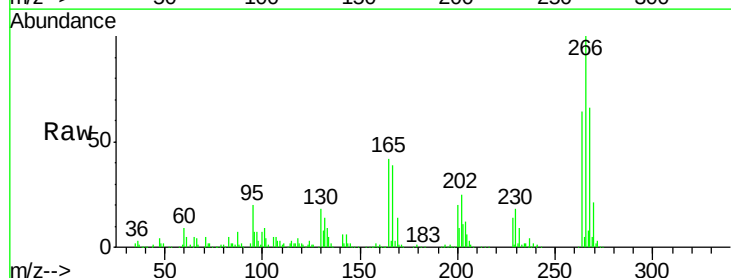
Manual Integrations
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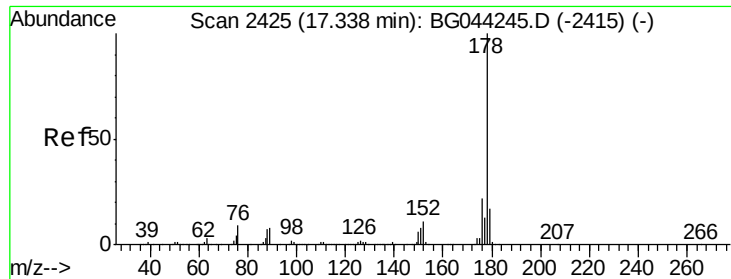
mohammad
 2/18/2020 3:16:57 PM



#70
 Pentachlorophenol
 Concen: 93.62 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.8	50.6	75.8
264	63.8	48.7	73.1





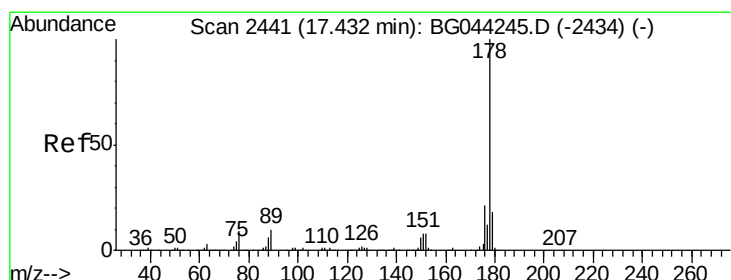
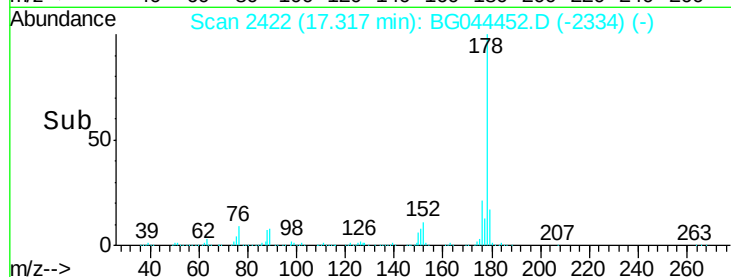
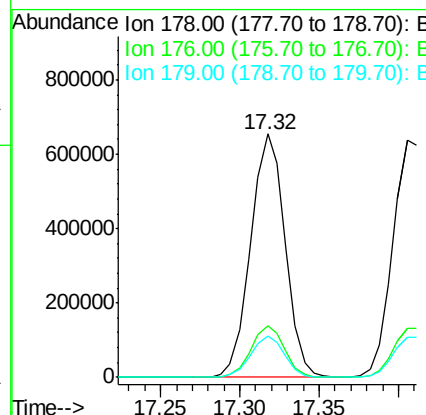
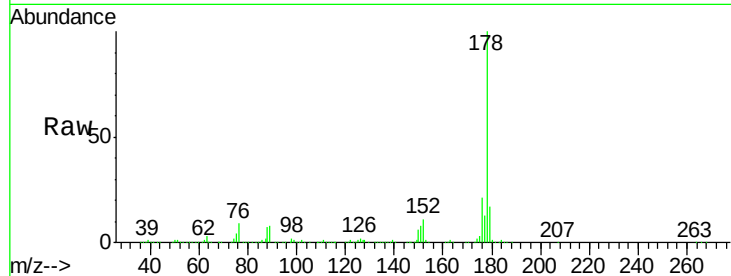
#71
Phenanthrene
Concen: 48.26 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	988396		
176	21.5		17.7	26.5
179	17.2		13.7	20.5

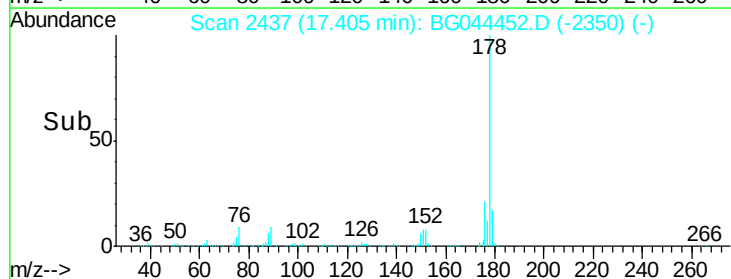
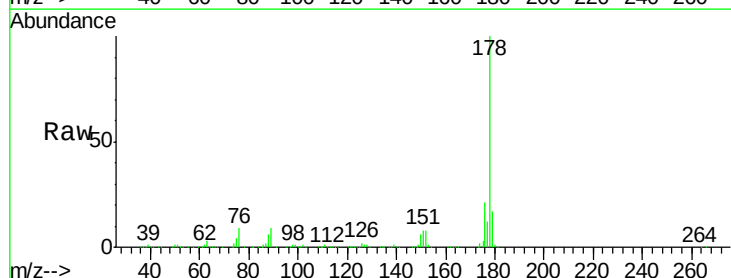
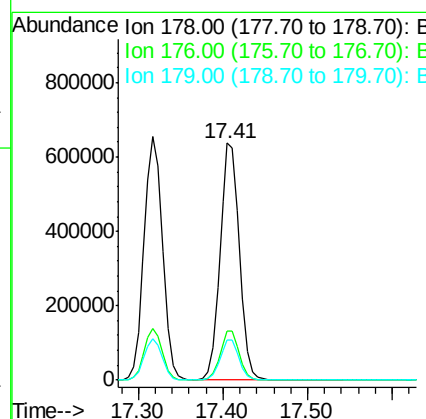
Manual Integrations
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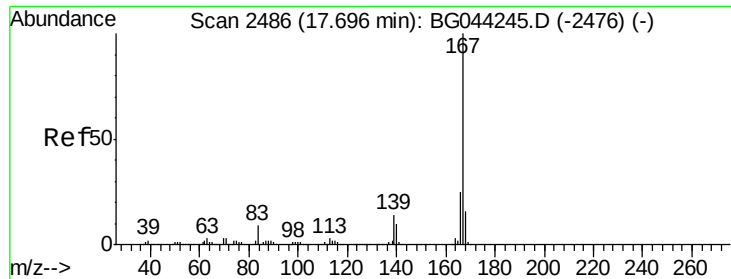
mohammad
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#72
Anthracene
Concen: 50.40 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1020510		
176	20.5		17.0	25.4
179	17.0		14.4	21.6





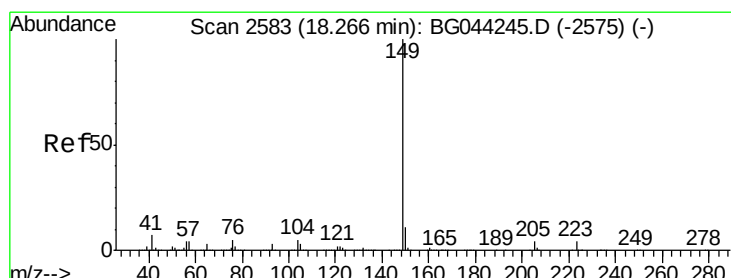
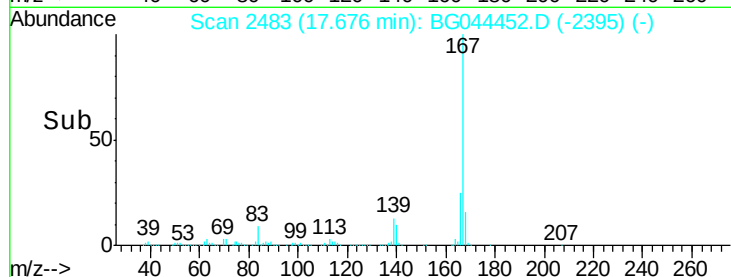
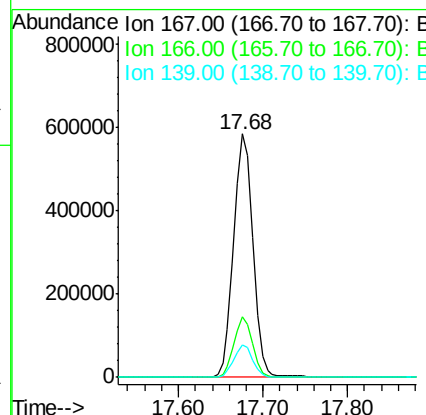
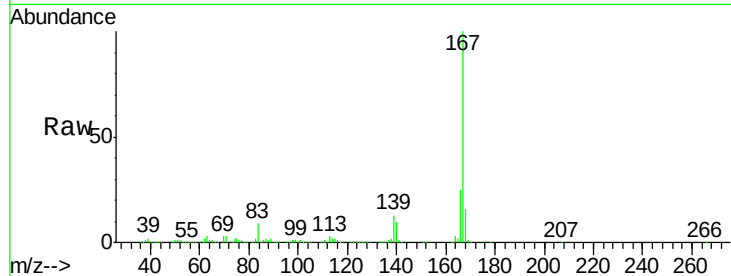
#73
 Carbazole
 Concen: 49.12 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	916821		
166	24.7	19.8	29.6	
139	13.4	11.1	16.7	

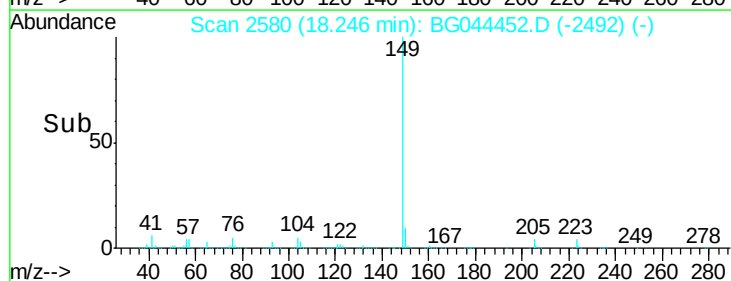
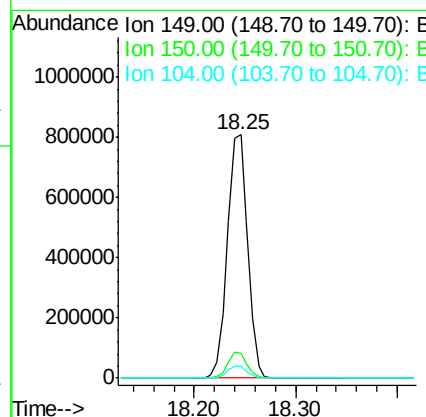
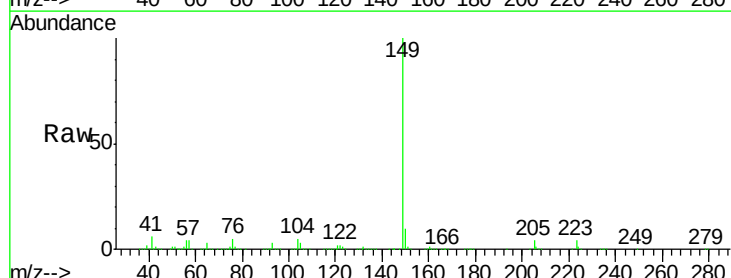
Manual Integrations
 APPROVED

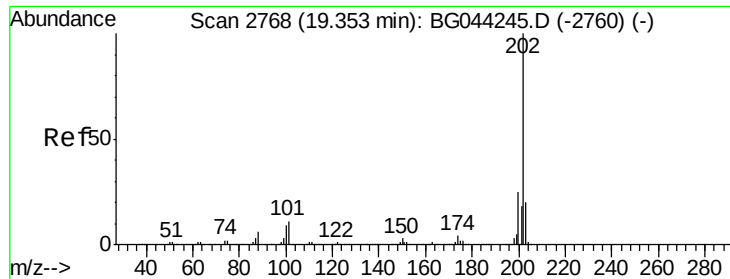
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.54 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1119732		
150	10.4	8.7	13.1	
104	5.1	4.3	6.5	





#75

Fluoranthene

Concen: 49.88 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

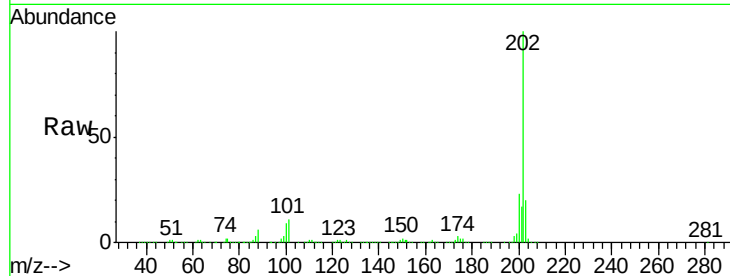
ClientSampled :

2-5-1MS

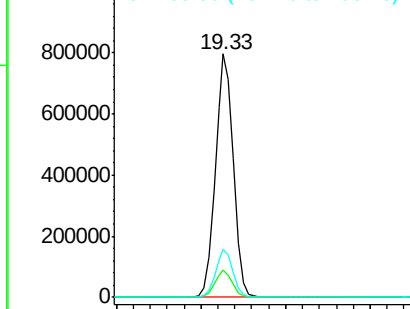
Tgt	Ion	202	Resp:	1181818
Ion	Ratio	Lower	Upper	
202	100			
101	11.4	0.0	31.3	
203	19.9	0.0	39.9	

Manual Integrations
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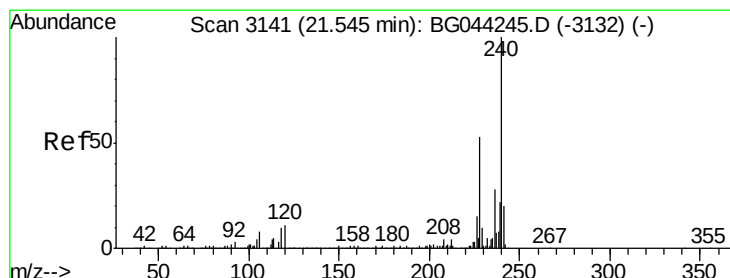
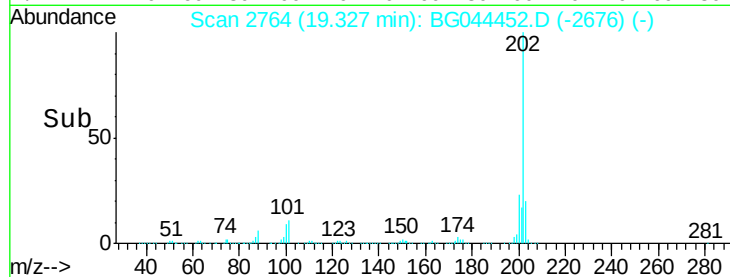
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.00 ng

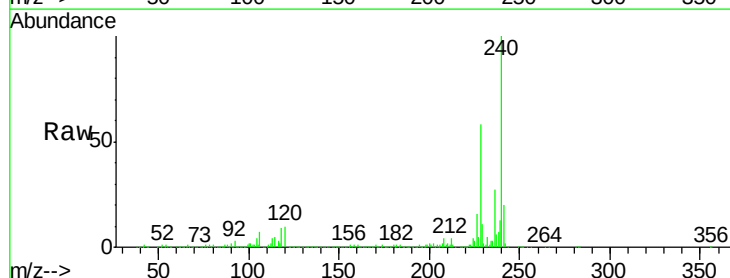
RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

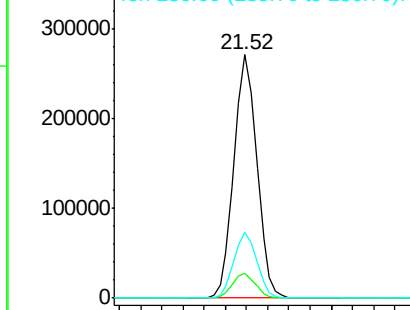
Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

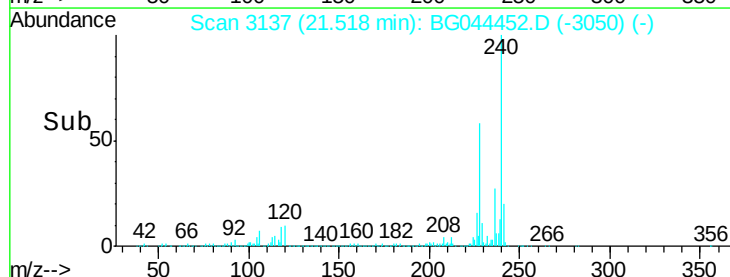
Tgt	Ion	240	Resp:	408534
Ion	Ratio	Lower	Upper	
240	100			
120	10.2	8.4	12.6	
236	26.9	22.1	33.1	

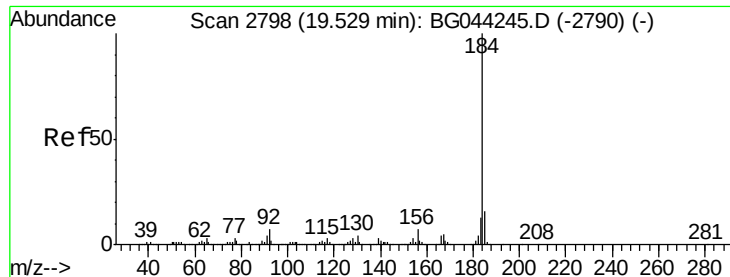


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.40 21.50 21.60





#77

Benzidine

Concen: 33.00 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

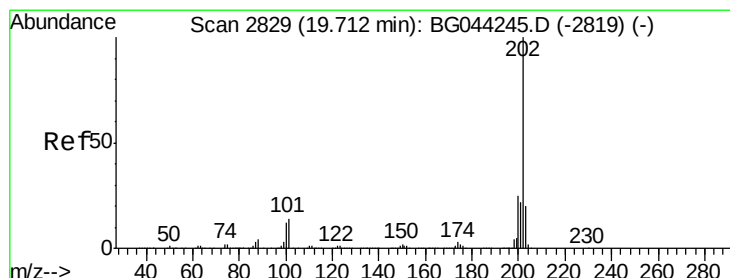
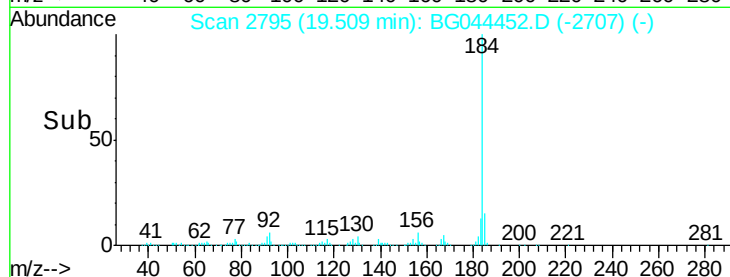
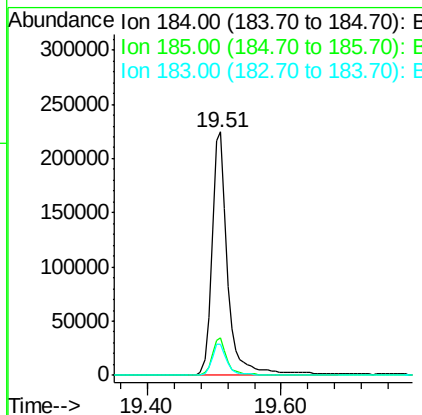
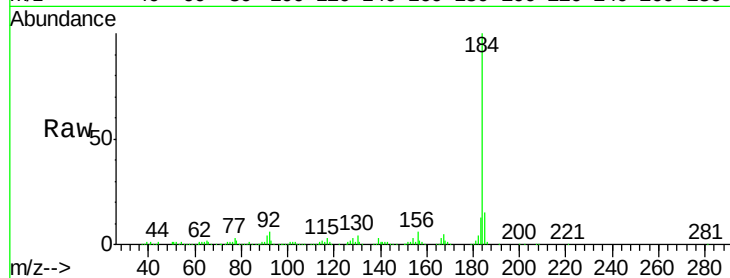
ClientSampleId :

2-5-1MS

Tgt Ion:	184	Resp:	373954
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.9	19.3
183	12.5	10.8	16.2

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#78

Pyrene

Concen: 45.34 ng

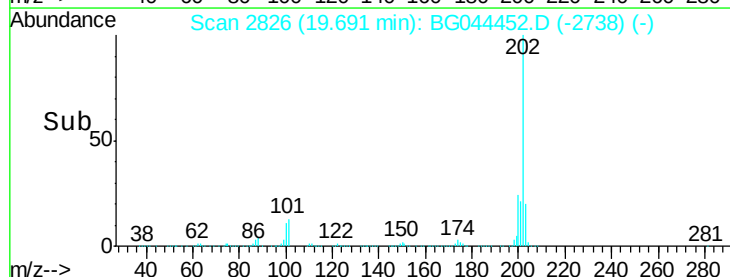
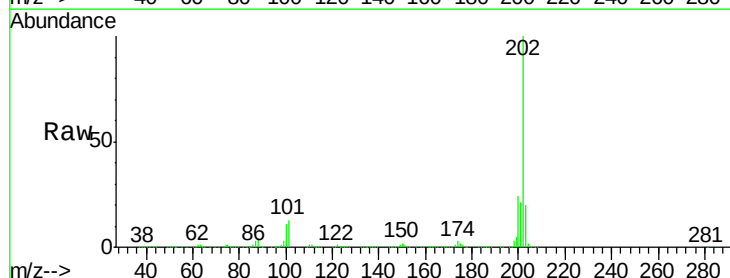
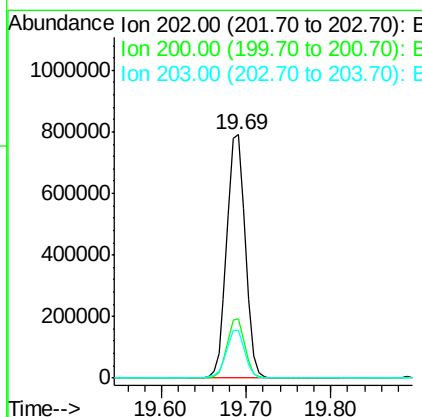
RT: 19.69 min Scan# 2826

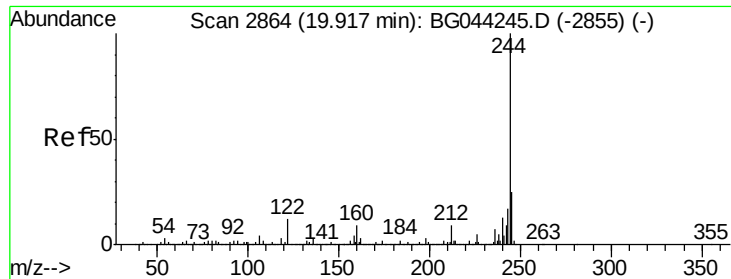
Delta R.T. -0.01 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Tgt Ion:	202	Resp:	1189661
Ion Ratio		Lower	Upper
202	100		
200	24.1	20.0	30.0
203	19.7	16.2	24.2





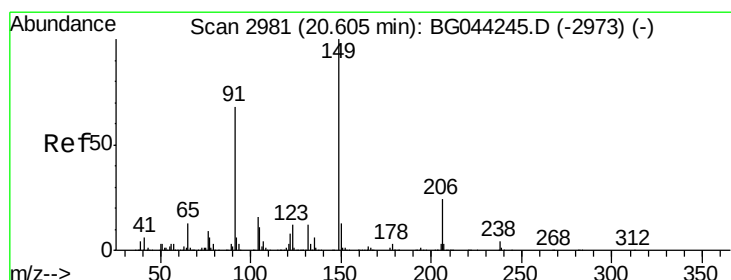
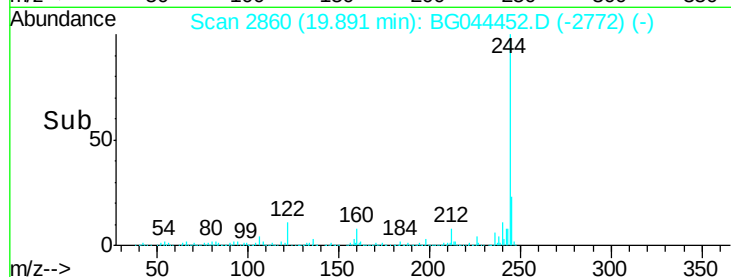
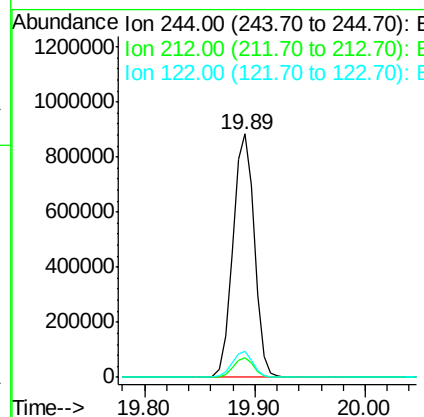
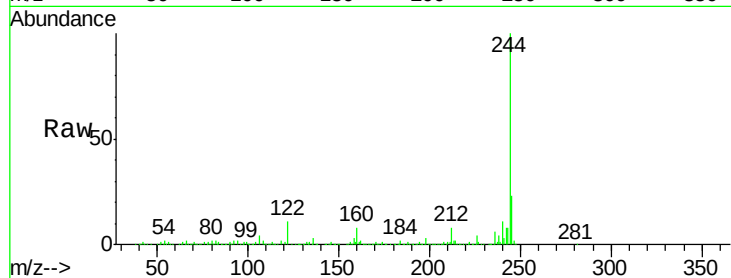
#79
 Terphenyl-d14
 Concen: 60.59 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.2
122	10.7	9.8	14.6

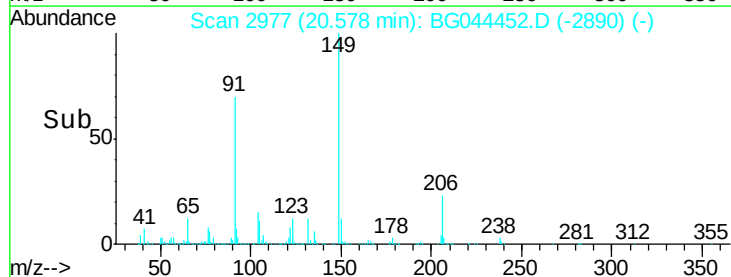
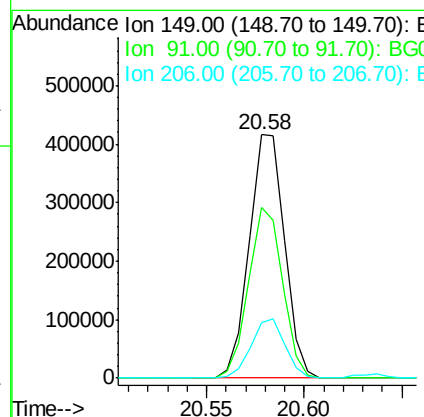
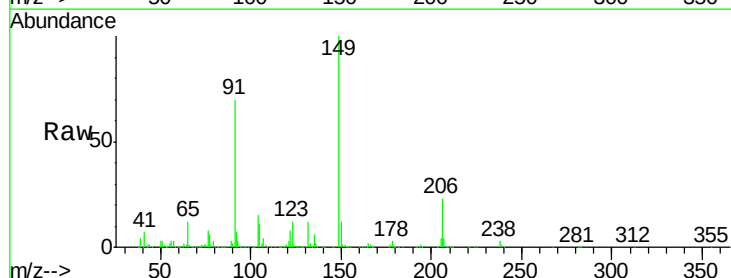
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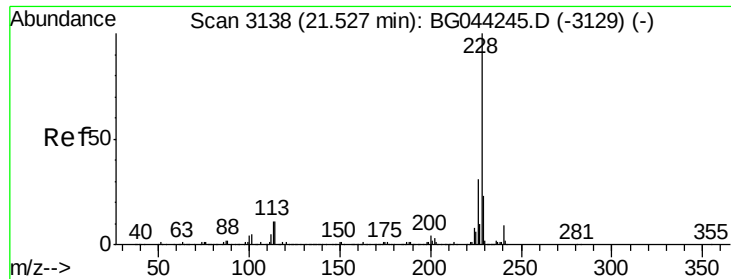
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#80
 Butylbenzylphthalate
 Concen: 43.67 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.02 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	54.5	81.7
206	22.9	19.1	28.7





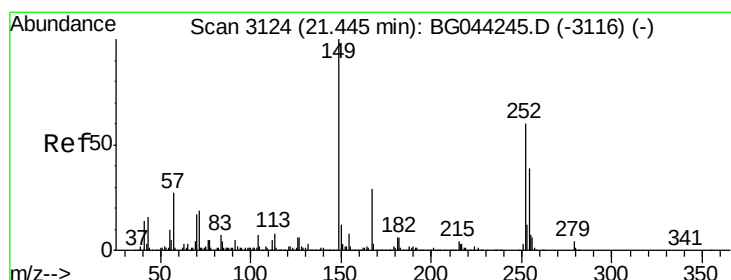
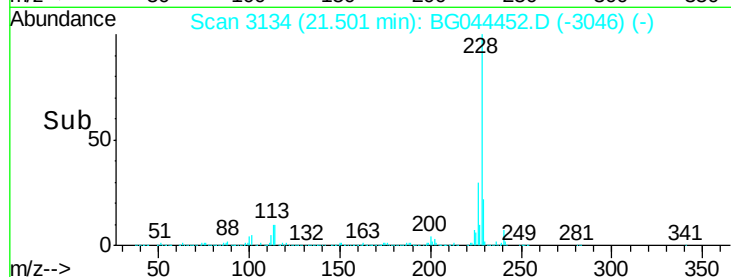
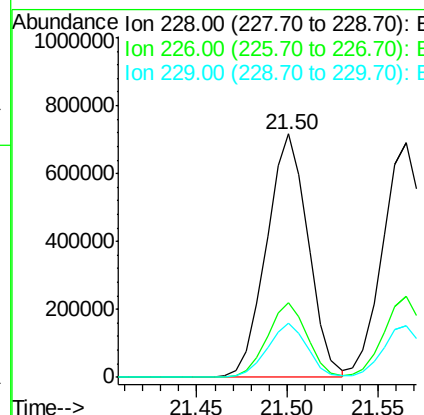
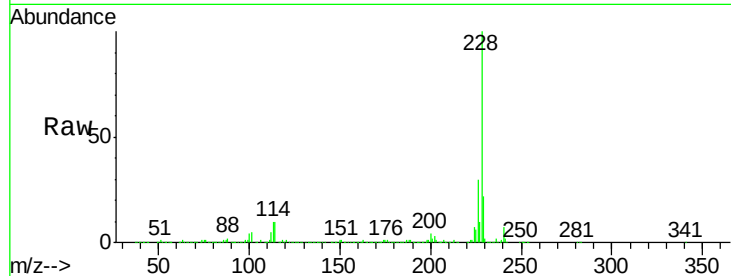
#81
Benzo(a)anthracene
Concen: 45.68 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion: 228 Resp: 1150041
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.2 18.2 27.4

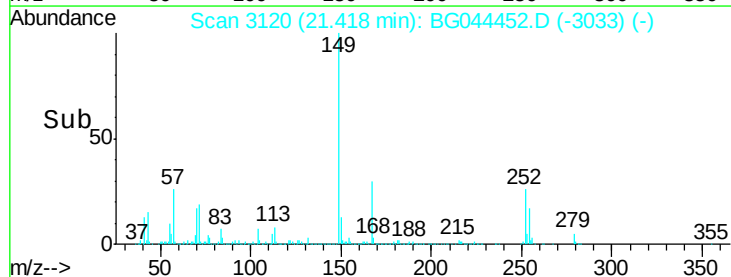
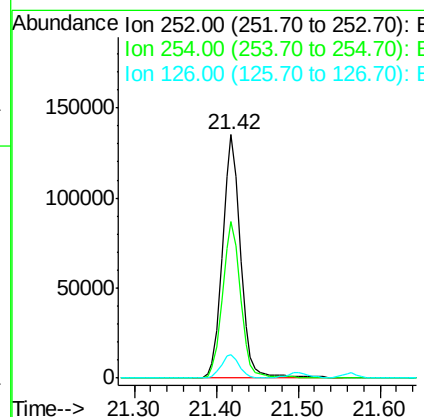
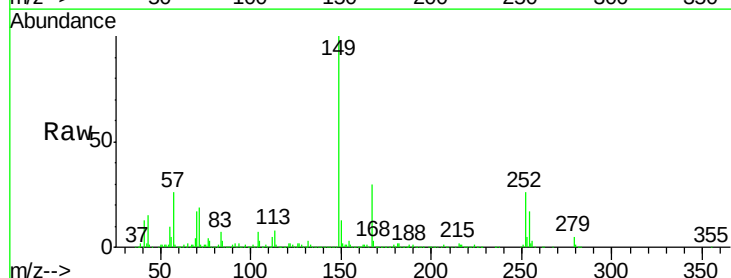
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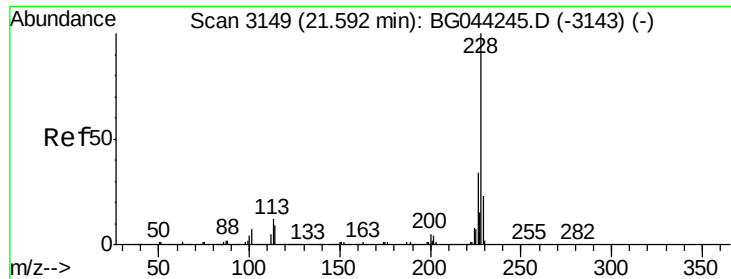
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#82
3,3'-Dichlorobenzidine
Concen: 21.37 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion: 252 Resp: 208820
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 9.6 8.2 12.4





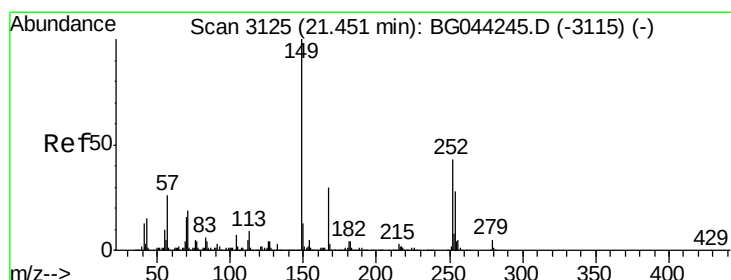
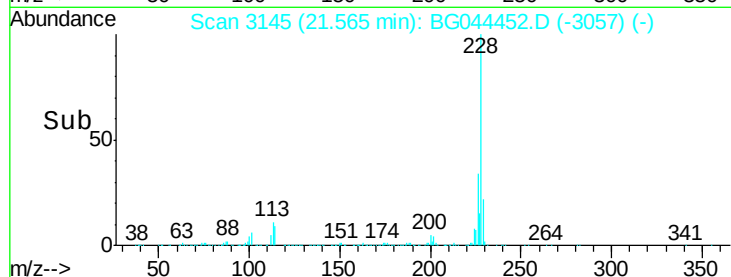
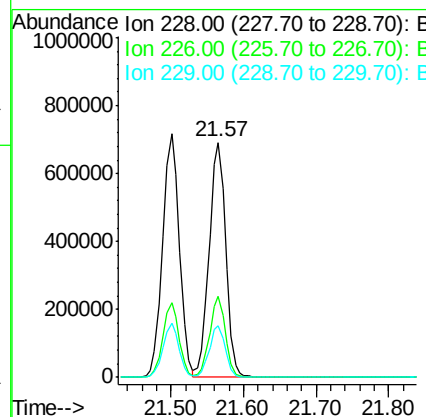
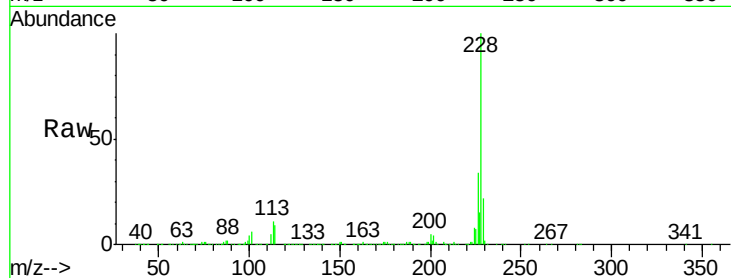
#83
Chrysene
 Concen: 45.38 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1MS

Tgt Ion: 228 Resp: 1104487
 Ion Ratio Lower Upper
 228 100
 226 34.2 27.1 40.7
 229 22.1 17.9 26.9

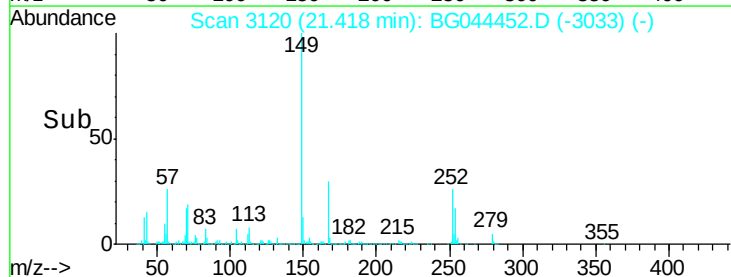
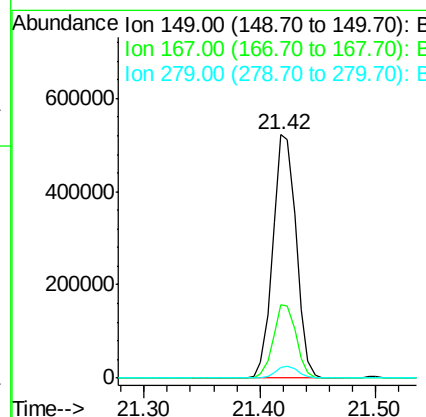
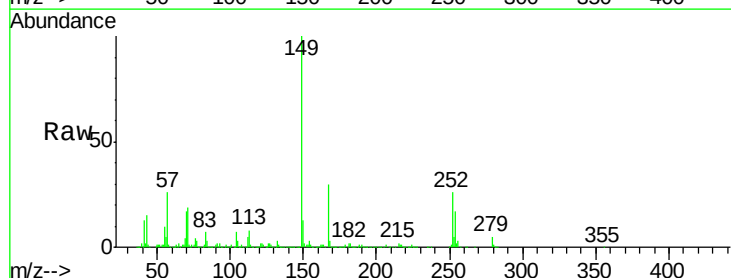
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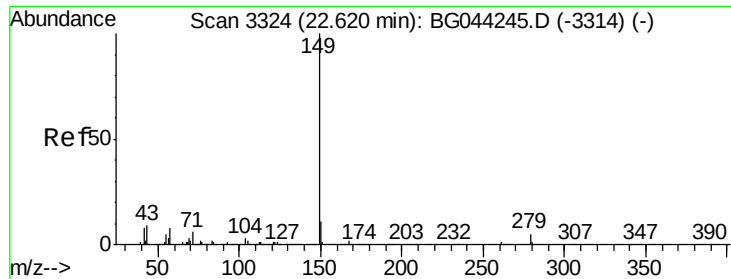
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 44.66 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044452.D
 Acq: 17 Feb 2020 18:20

Tgt Ion: 149 Resp: 735014
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.0 36.0
 279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 45.80 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

ClientSampleId :

2-5-1MS

Tgt Ion:149 Resp: 1304200

Ion Ratio Lower Upper

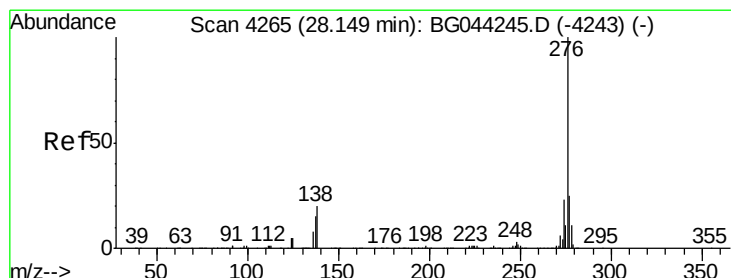
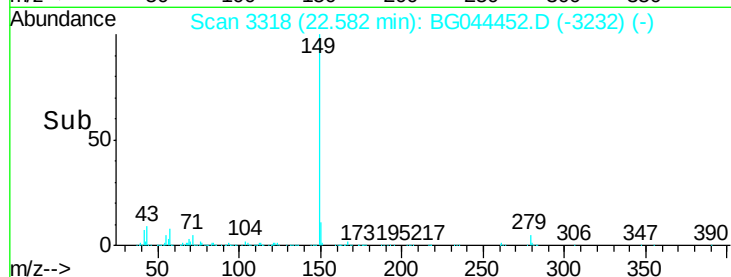
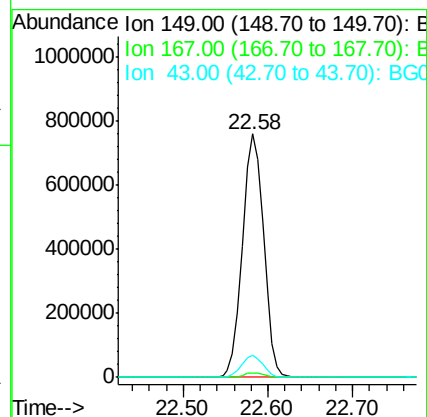
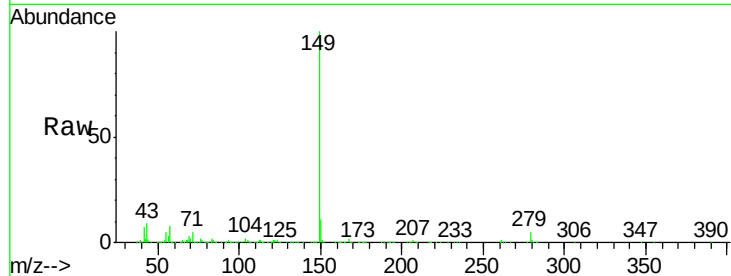
149 100

167 1.7 1.3 1.9

43 8.9 7.4 11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.44 ng

RT: 28.09 min Scan# 4255

Delta R.T. -0.03 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

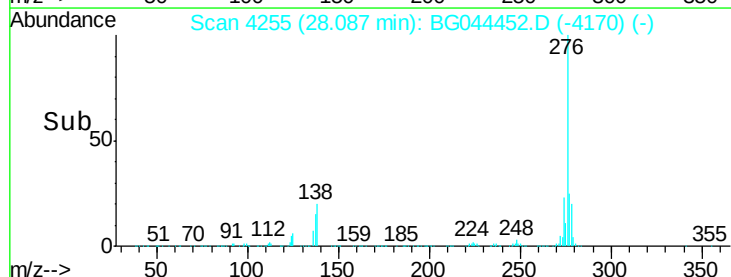
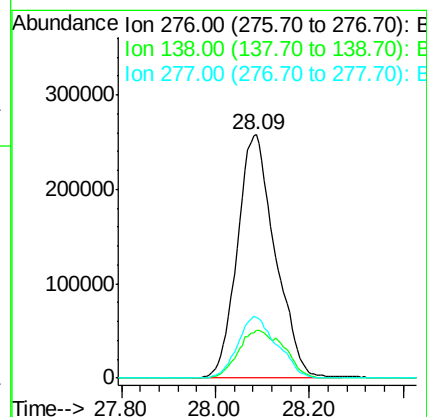
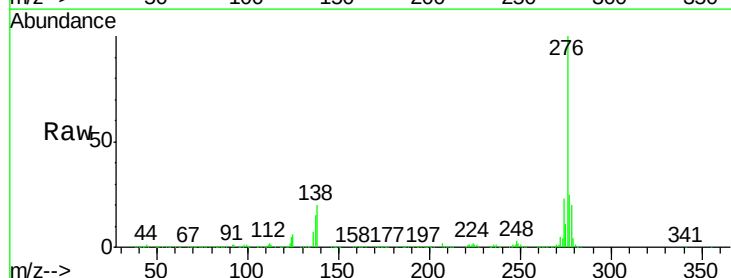
Tgt Ion:276 Resp: 1442654

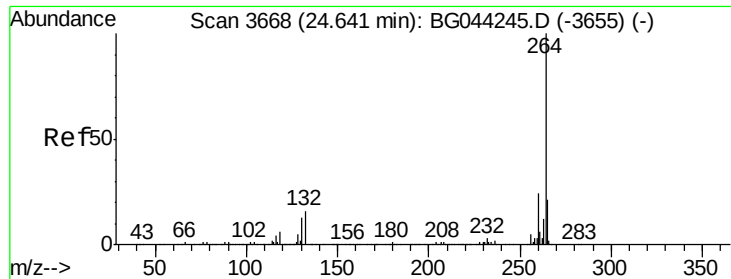
Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

277 26.2 21.0 31.6





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.03 min

Lab File: BG044452.D

Acq: 17 Feb 2020 18:20

Instrument :

BNA_G

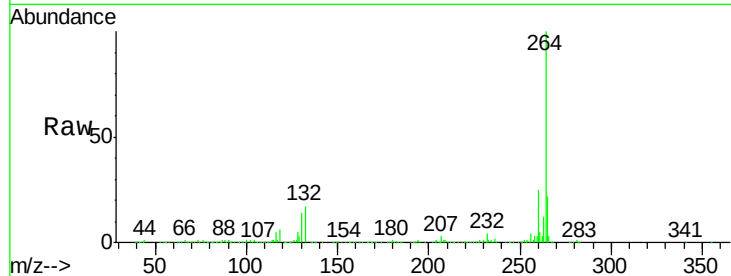
ClientSampleId :

2-5-1MS

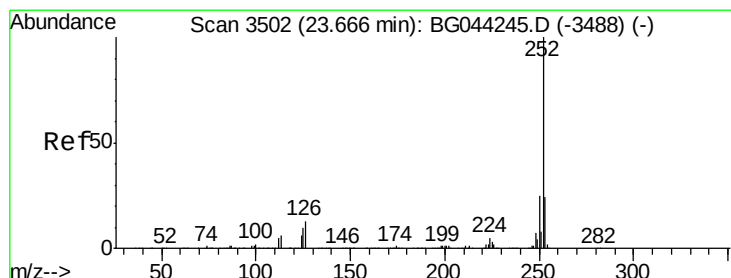
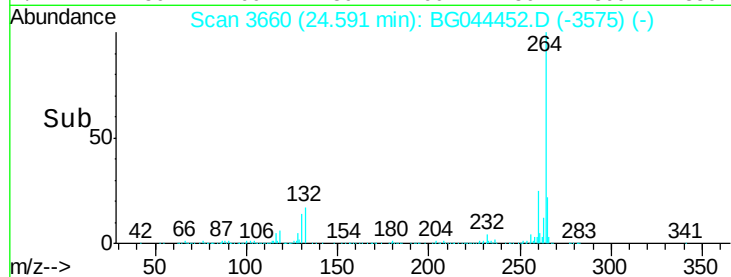
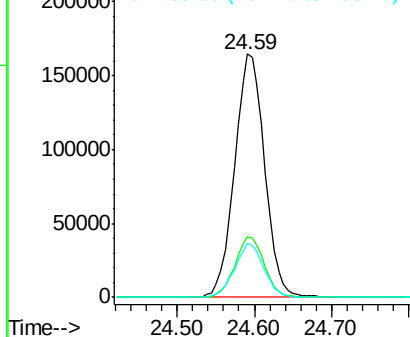
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.0	16.7	25.1

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



#88

Benzo(b)fluoranthene

Concen: 47.57 ng

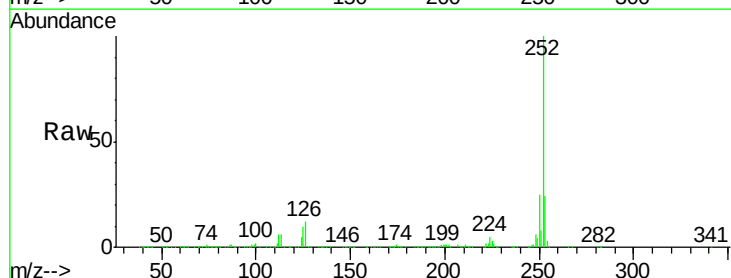
RT: 23.63 min Scan# 3496

Delta R.T. -0.02 min

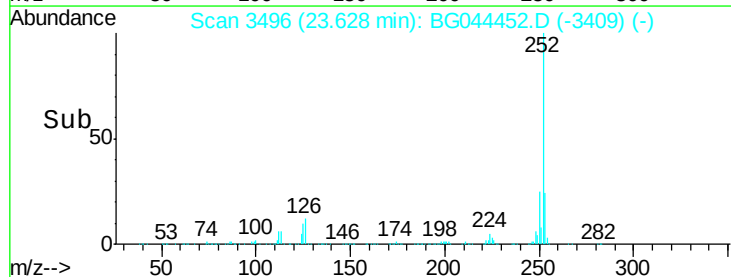
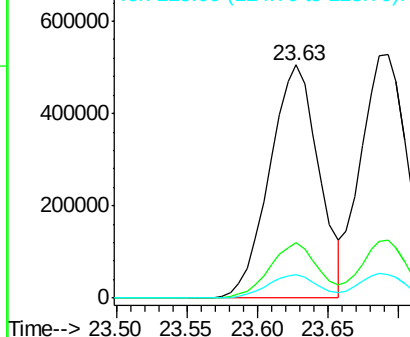
Lab File: BG044452.D

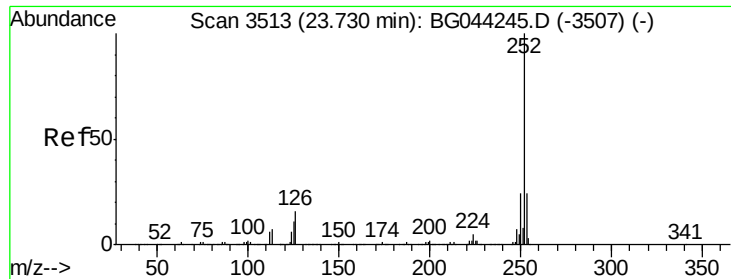
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	10.2	8.4	12.6



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





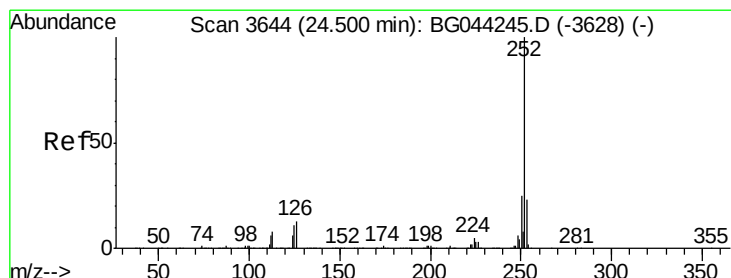
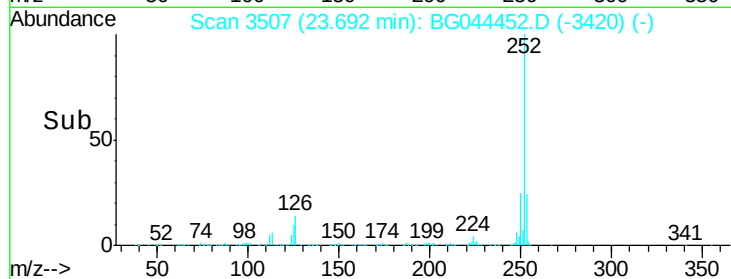
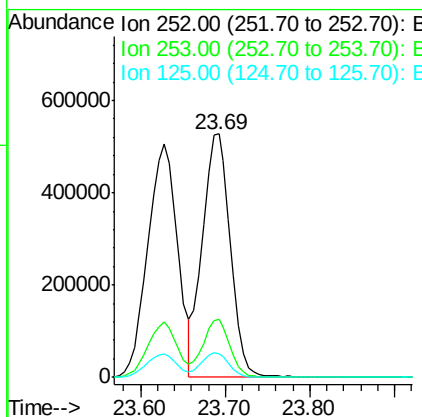
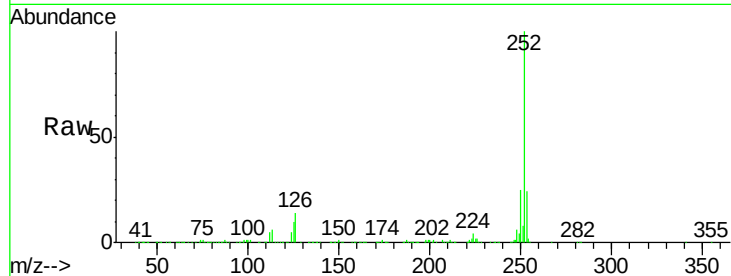
#89
Benzo(k)fluoranthene
Concen: 48.13 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	9.9	8.6	12.8

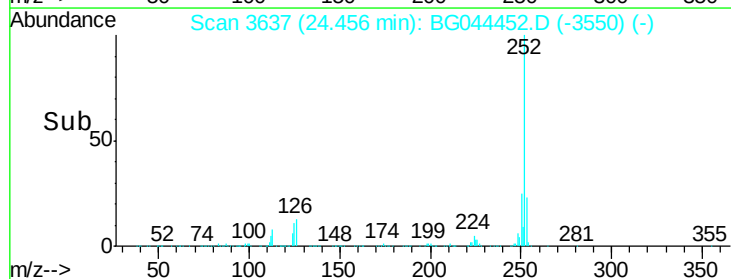
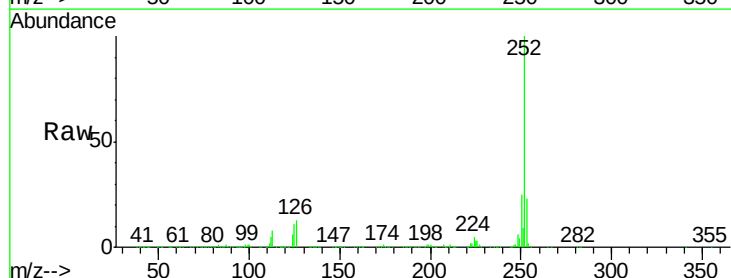
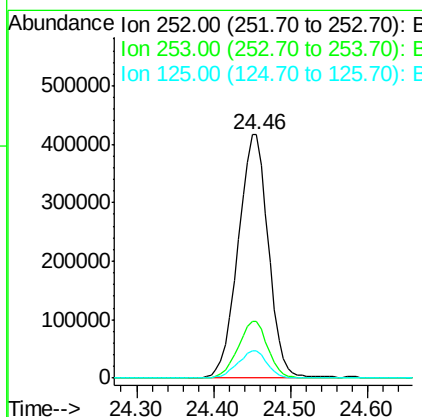
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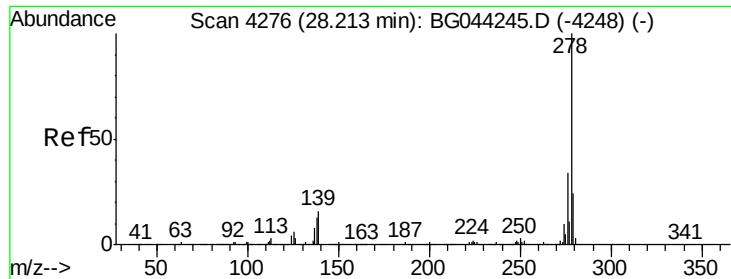
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#90
Benzo(a)pyrene
Concen: 46.77 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.02 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.1	8.6	13.0





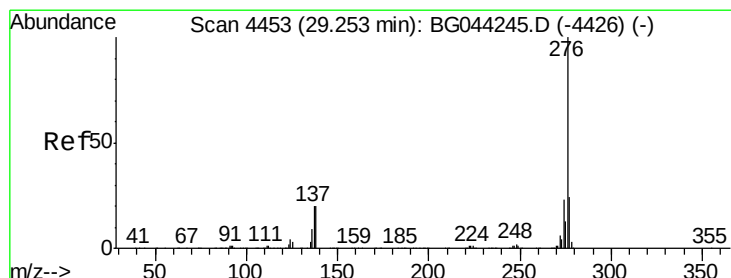
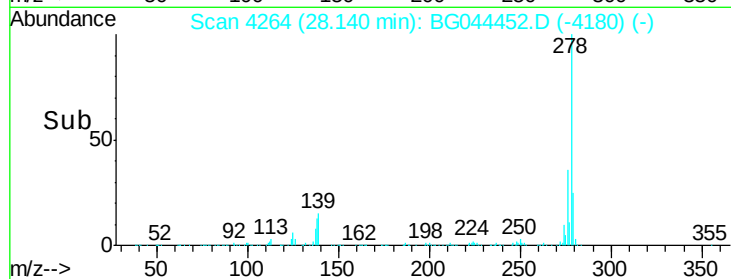
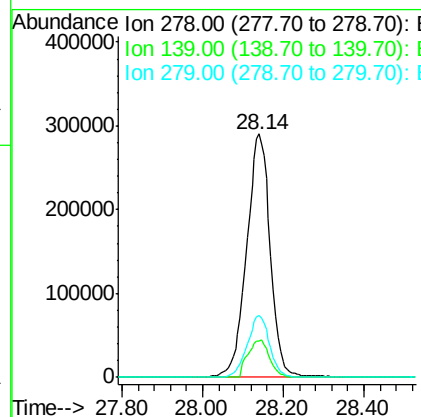
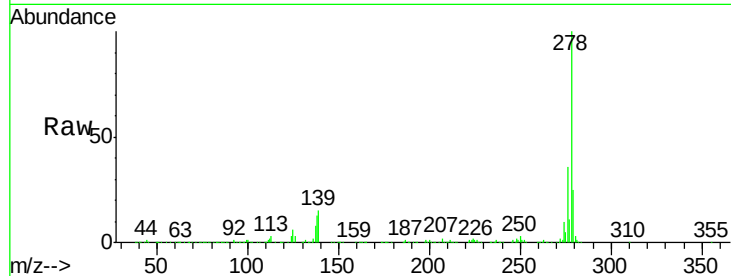
#91
Dibenzo(a,h)anthracene
Concen: 49.12 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.04 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Instrument :
BNA_G
ClientSampleId :
2-5-1MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	25.2	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 49.87 ng
RT: 29.17 min Scan# 4440
Delta R.T. -0.03 min
Lab File: BG044452.D
Acq: 17 Feb 2020 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	19.5	16.2	24.2

