

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043055.D
 Acq On : 5 Oct 2019 14:54
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Manual Integrations
 APPROVED

mohammad
 10/7/2019 4:39:05 PM

Quant Time: Oct 07 08:56:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63800	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	251508	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	179746	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	416693	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	453121	20.00	ng	-0.02
87) Perylene-d12	24.92	264	530922	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	420128	117.52	ng	-0.01
7) Phenol-d6	7.24	99	608245	118.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	374258	72.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	348586	112.78	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	839464	67.70	ng	-0.02
79) Terphenyl-d14	20.03	244	1490804	70.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	49369	33.122	ng	92
3) Pyridine	3.94	79	131601	31.392	ng	87
4) n-Nitrosodimethylamine	3.85	42	79865	39.616	ng	# 84
6) Aniline	7.39	93	233199	37.525	ng	99
8) 2-Chlorophenol	7.63	128	184205	49.408	ng	98
9) Benzaldehyde	7.19	77	115006	36.557	ng	91
10) Phenol	7.27	94	255402	54.073	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	158546	43.383	ng	94
12) 1,3-Dichlorobenzene	7.95	146	198351	41.705	ng	99
13) 1,4-Dichlorobenzene	8.09	146	203175	42.853	ng	99
14) 1,2-Dichlorobenzene	8.42	146	195239	43.253	ng	96
15) Benzyl Alcohol	8.30	79	177834	45.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	240882	34.321	ng	94
17) 2-Methylphenol	8.51	107	159695	48.320	ng	97
18) Hexachloroethane	9.15	117	74727	41.850	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	141478	41.852	ng	93
20) 3+4-Methylphenols	8.83	107	217408	48.002	ng	95
22) Acetophenone	8.88	105	276257	42.612	ng	# 93
24) Nitrobenzene	9.26	77	215757	43.714	ng	94
25) Isophorone	9.79	82	401323	44.154	ng	97
26) 2-Nitrophenol	9.97	139	104904	49.928	ng	99
27) 2,4-Dimethylphenol	10.04	122	175696	54.450	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	221019	42.859	ng	98
29) 2,4-Dichlorophenol	10.51	162	201620	50.241	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	225624	43.537	ng	98
31) Naphthalene	10.91	128	567083	45.803	ng	99
32) Benzoic acid	10.19	122	108101	43.854	ng	93
33) 4-Chloroaniline	11.02	127	161856	30.128	ng	95
34) Hexachlorobutadiene	11.20	225	158861	40.940	ng	99
35) Caprolactam	11.80	113	67042m	47.373	ng	
36) 4-Chloro-3-methylphenol	12.15	107	214432	49.144	ng	97
37) 2-Methylnaphthalene	12.52	142	430933	45.626	ng	98
38) 1-Methylnaphthalene	12.74	142	408377	45.694	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	282498	41.800	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	366555	85.125	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	185252	46.832	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	199550	48.970	ng	97
46) 1,1'-Biphenyl	13.52	154	583098	42.777	ng	98
47) 2-Chloronaphthalene	13.56	162	453344	44.360	ng	97
48) 2-Nitroaniline	13.76	65	147619	43.436	ng	90
49) Acenaphthylene	14.40	152	733472	46.904	ng	99
50) Dimethylphthalate	14.14	163	729708	54.182	ng	99
51) 2,6-Dinitrotoluene	14.25	165	136805	47.700	ng	90
52) Acenaphthene	14.74	154	448340	42.833	ng	99
53) 3-Nitroaniline	14.59	138	103038	34.763	ng	97
54) 2,4-Dinitrophenol	14.79	184	154504	86.667	ng	95
55) Dibenzofuran	15.08	168	710938	45.915	ng	99
56) 4-Nitrophenol	14.90	139	220629	97.694	ng	96
57) 2,4-Dinitrotoluene	15.04	165	195412	46.527	ng	94
58) Fluorene	15.73	166	597655	45.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	199300	45.935	ng	99
60) Diethylphthalate	15.50	149	588160	42.912	ng	97
61) 4-Chlorophenyl-phenylether	15.72	204	344850	43.497	ng	99
62) 4-Nitroaniline	15.75	138	142787	44.171	ng	98
63) Azobenzene	16.01	77	527382	42.263	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	117292	49.744	ng	96
66) n-Nitrosodiphenylamine	15.93	169	527675	47.970	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	241167	46.113	ng	96
68) Hexachlorobenzene	16.74	284	269739	46.322	ng	96
69) Atrazine	16.88	200	205614	44.389	ng	99
70) Pentachlorophenol	17.08	266	326408	97.143	ng	99
71) Phenanthrene	17.47	178	961075	47.243	ng	98
72) Anthracene	17.56	178	973471	47.933	ng	99
73) Carbazole	17.83	167	880715	46.765	ng	99
74) Di-n-butylphthalate	18.38	149	1014009	45.128	ng	99
75) Fluoranthene	19.47	202	1294300	48.102	ng	99
77) Benzidine	19.65	184	617007	54.382	ng	99
78) Pyrene	19.84	202	1296008	47.920	ng	99
80) Butylbenzylphthalate	20.72	149	478937	46.654	ng	97
81) Benzo(a)anthracene	21.68	228	1318425	46.697	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	394443	35.620	ng	99
83) Chrysene	21.74	228	1260398	46.002	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	690472	47.269	ng	99
85) Di-n-octyl phthalate	22.79	149	1185976	49.651	ng	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1690329	49.557	ng	99
88) Benzo(b)fluoranthene	23.89	252	1426447	47.483	ng	99
89) Benzo(k)fluoranthene	23.96	252	1381657	46.491	ng	99
90) Benzo(a)pyrene	24.76	252	1400921	49.428	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1415427	48.702	ng	98
92) Benzo(g,h,i)perylene	29.73	276	1399868	49.712	ng	95

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

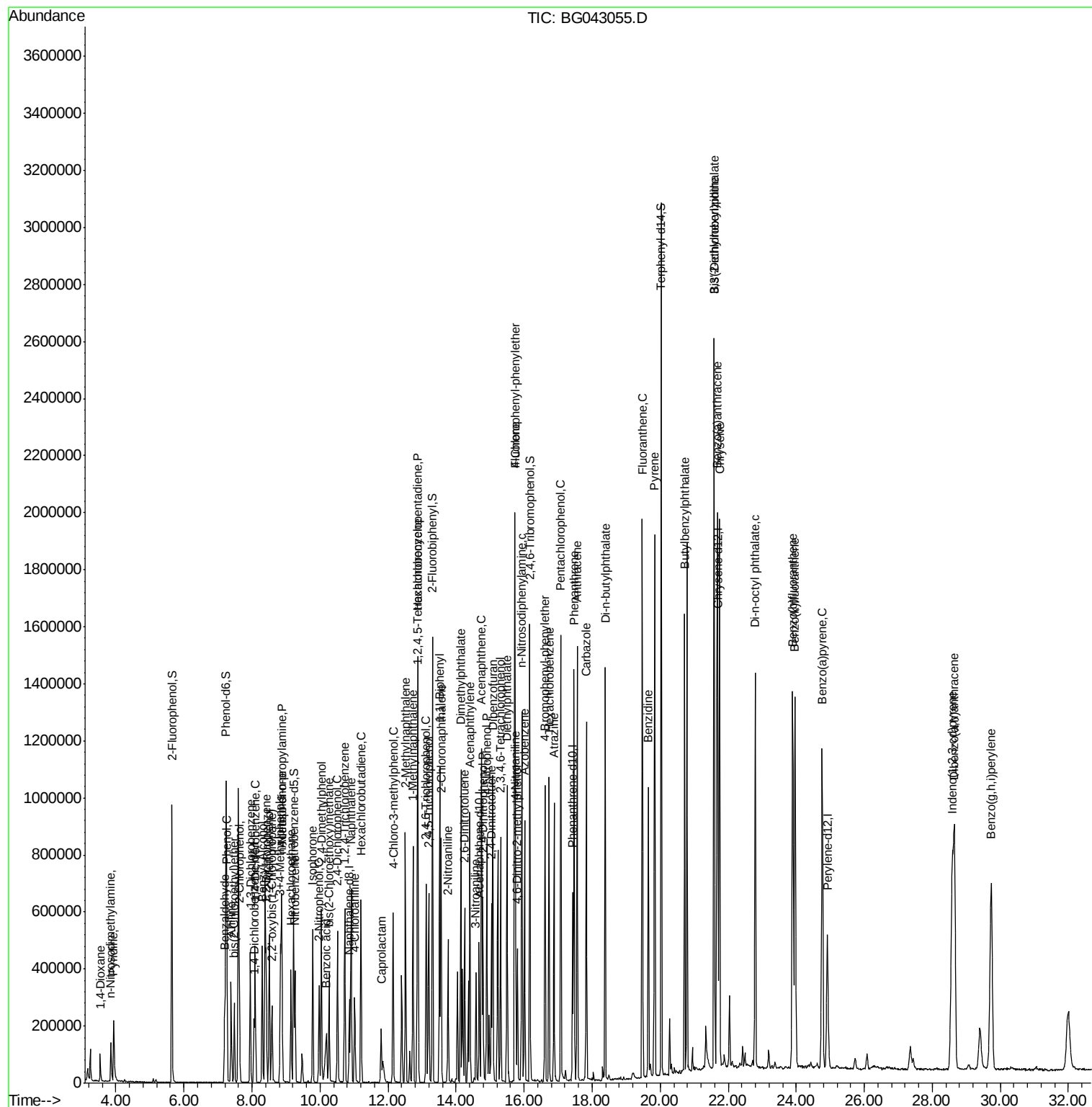
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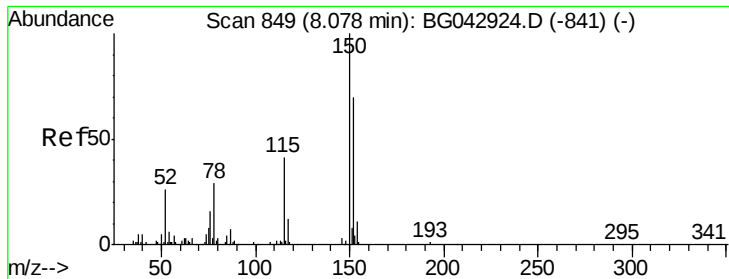
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#1

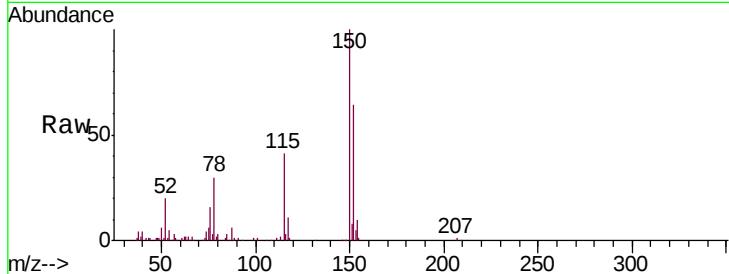
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	115.0	172.4
115	63.7	47.0	70.6

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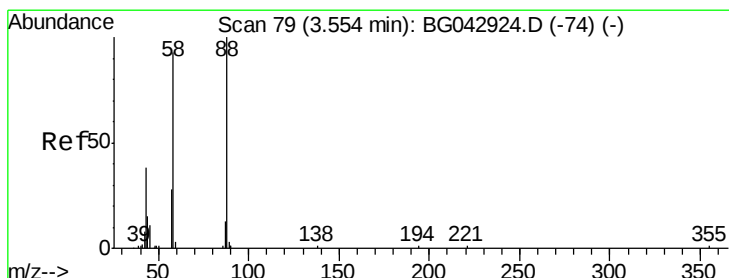
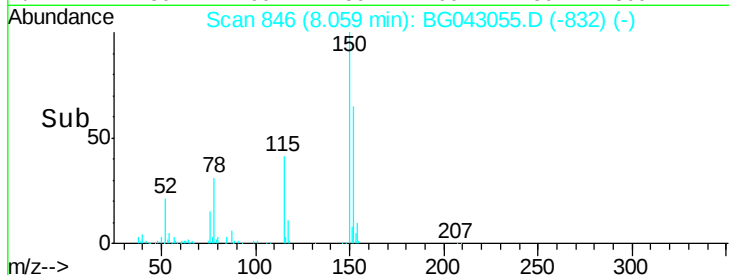
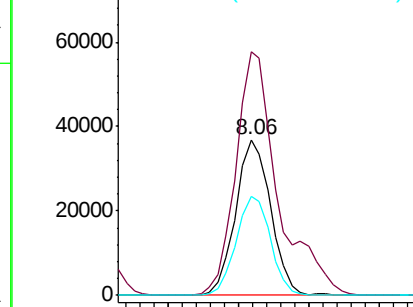


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

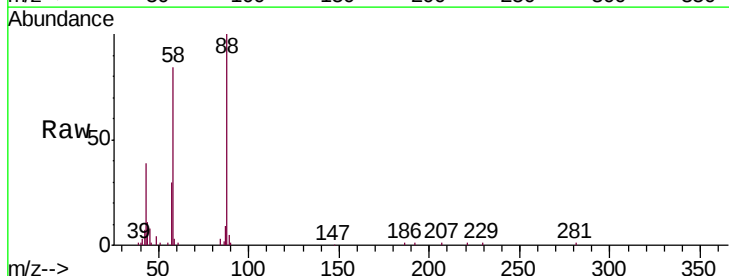
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.122 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	74.3	111.5
43	39.3	29.8	44.8

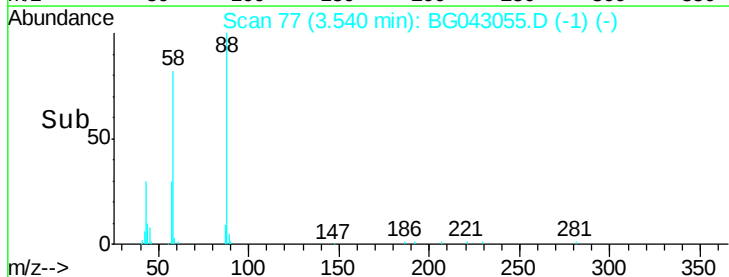
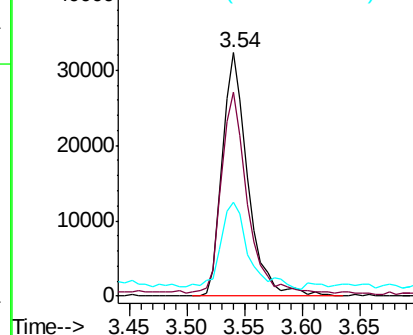


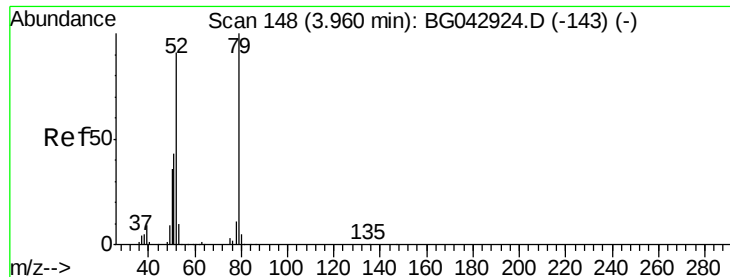
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.392 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

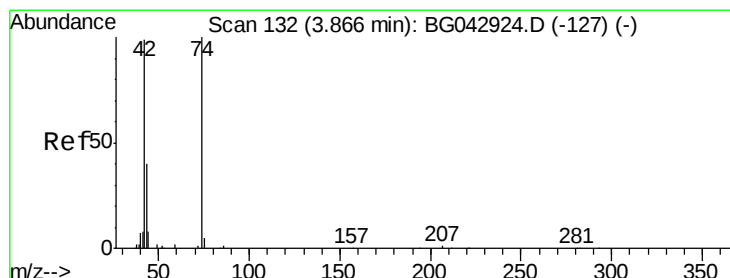
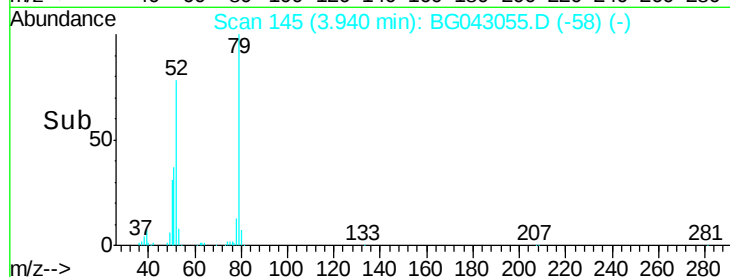
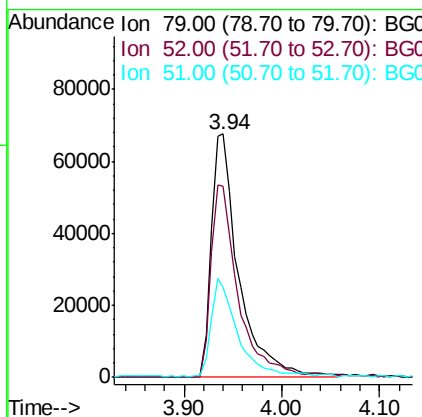
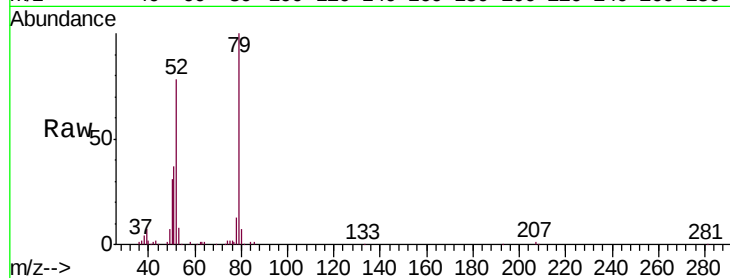
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	79	Resp:	131601
Ion Ratio	Lower	Upper	
79	100		
52	78.3	73.0	109.4
51	37.0	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 39.616 ng

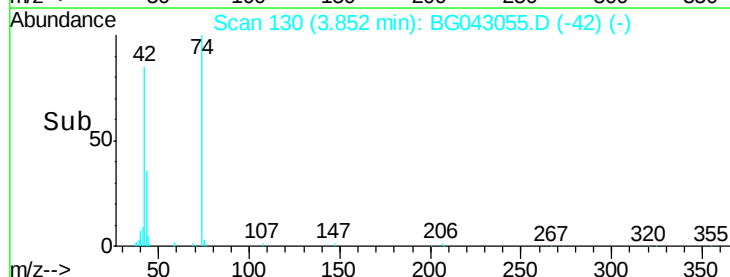
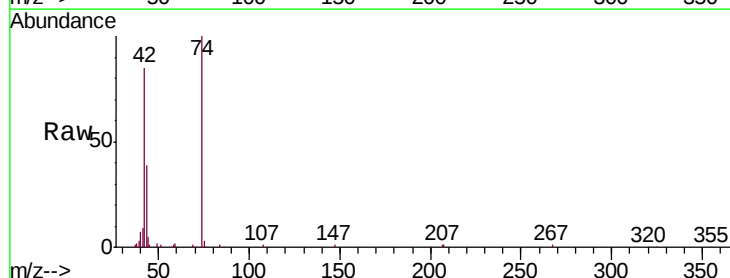
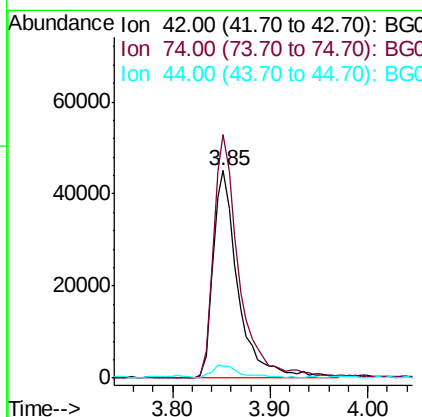
RT: 3.85 min Scan# 130

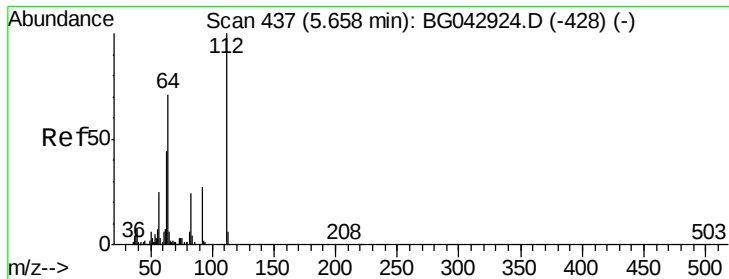
Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	42	Resp:	79865
Ion Ratio	Lower	Upper	
42	100		
74	117.5	80.5	120.7
44	5.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 117.519 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

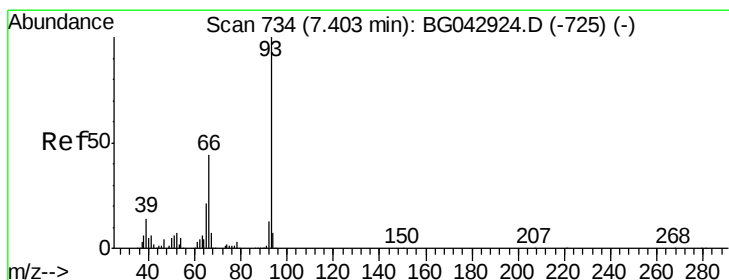
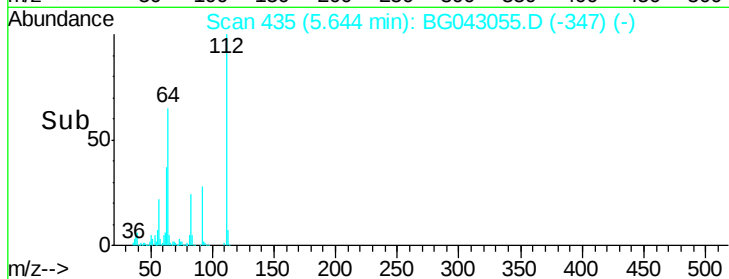
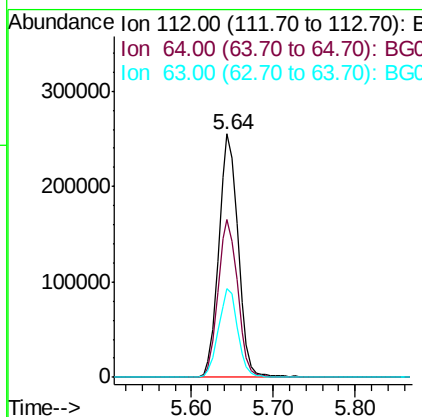
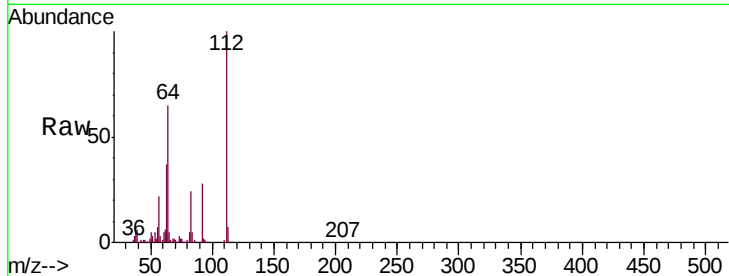
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	112	Resp:	420128
Ion Ratio	Lower	Upper	
112	100		
64	64.6	56.6	84.8
63	36.6	35.1	52.7

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#6

Aniline

Concen: 37.525 ng

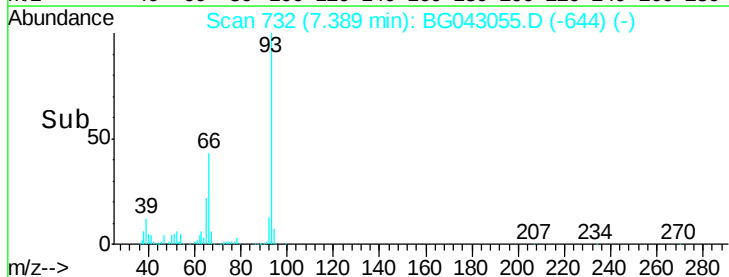
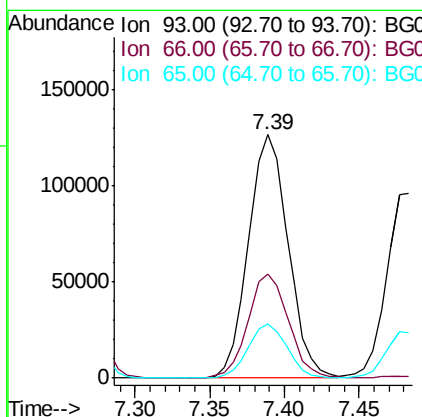
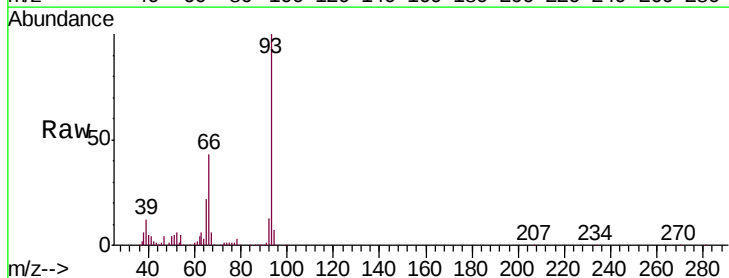
RT: 7.39 min Scan# 732

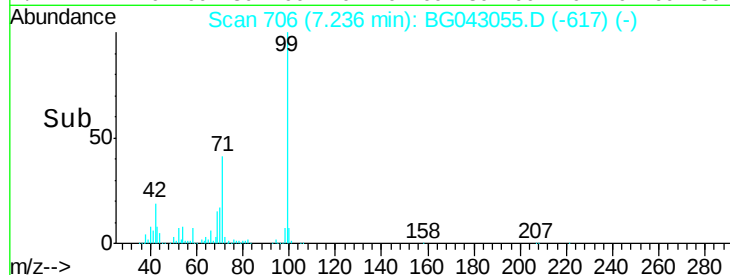
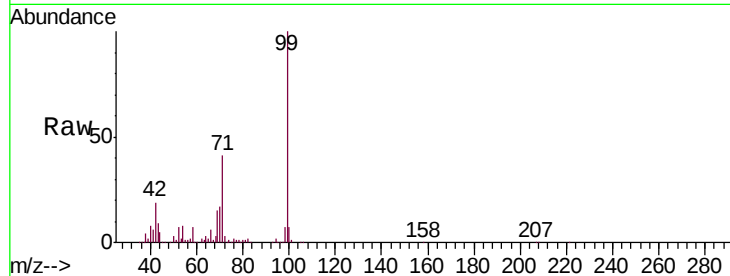
Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	93	Resp:	233199
Ion Ratio	Lower	Upper	
93	100		
66	42.8	35.0	52.6
65	22.3	17.4	26.0





#7

Phenol-d6

Concen: 118.147 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	99	Resp:	608245
Ion Ratio	Lower	Upper	
99	100		
42	19.1	17.2	25.8
71	41.3	33.1	49.7

Instrument :

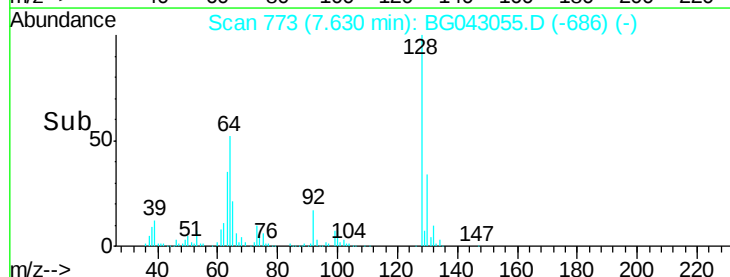
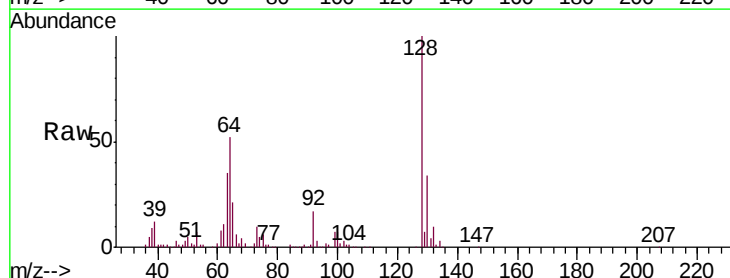
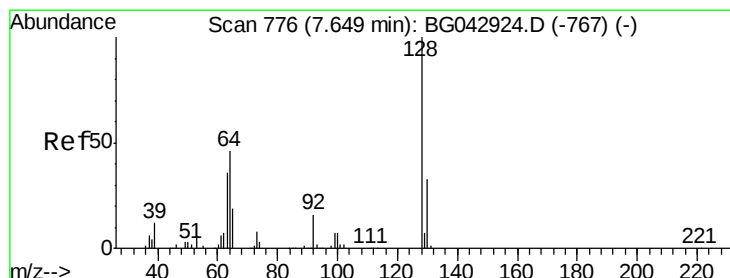
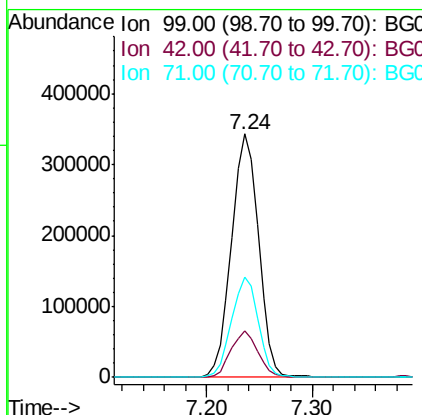
BNA_G

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20190773-SS-COMPOSITE-13MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.408 ng

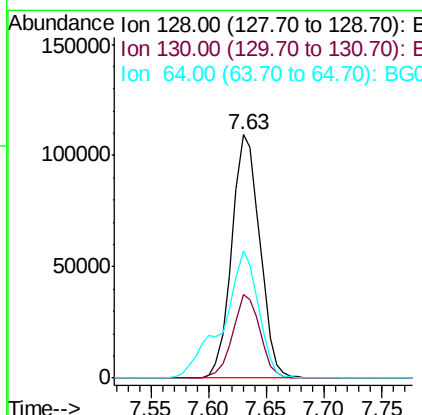
RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	128	Resp:	184205
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.5	52.5
64	52.2	32.8	72.8





#9

Benzaldehyde

Concen: 36.557 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

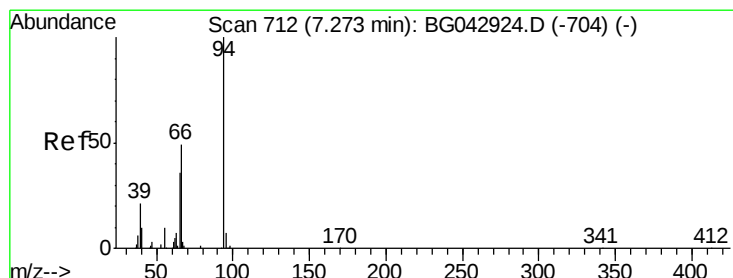
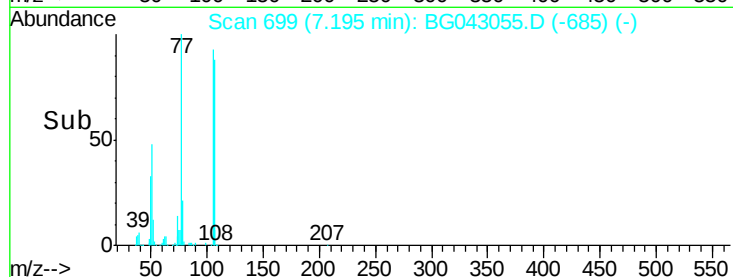
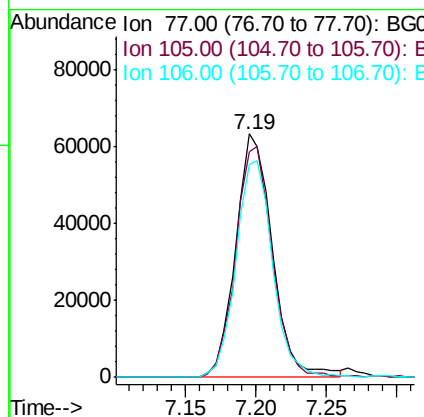
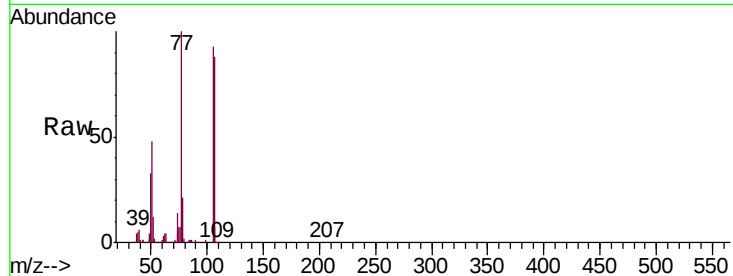
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	92.7	64.6	104.6
106	87.6	59.4	99.4

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#10

Phenol

Concen: 54.073 ng

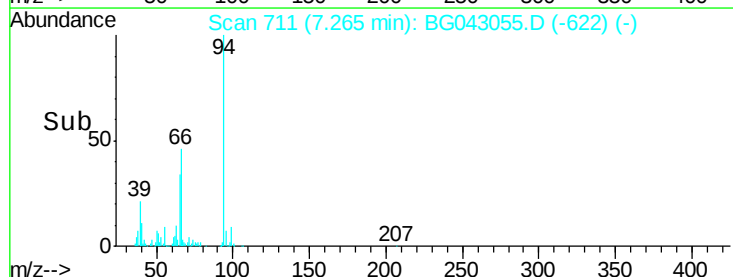
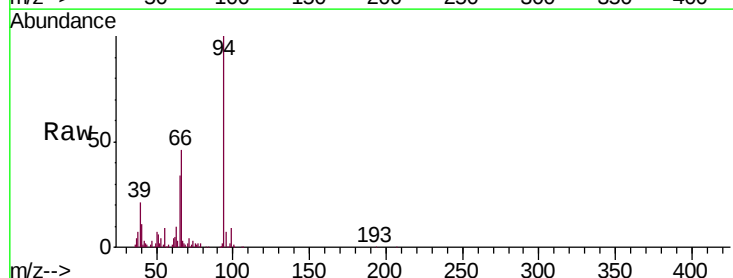
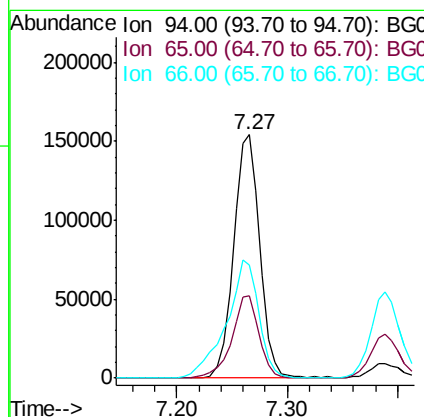
RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	16.6	56.6
66	46.4	32.4	72.4





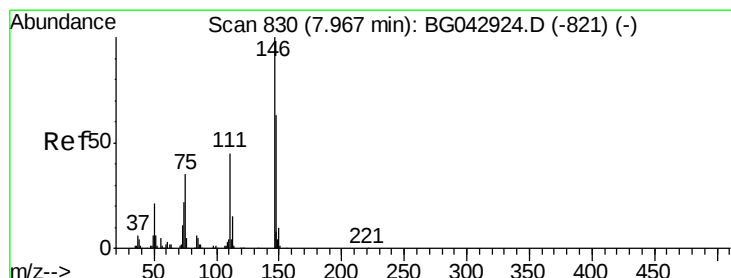
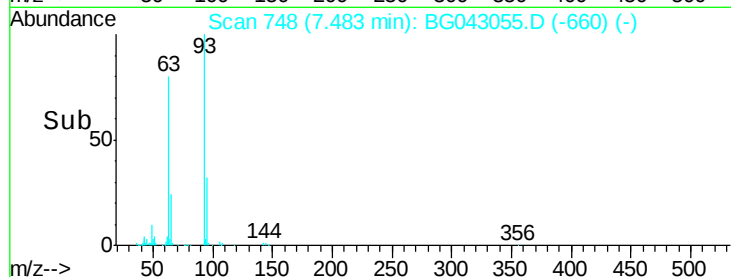
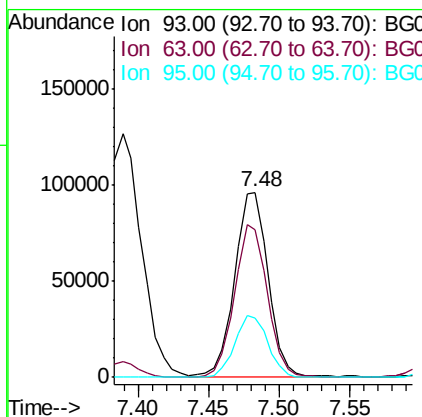
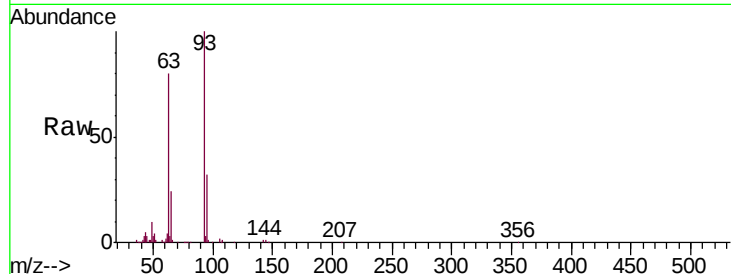
#11
bis(2-Chloroethyl)ether
Concen: 43.383 ng
RT: 7.48 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158546		
63	79.6	67.4	107.4	
95	32.4	11.9	51.9	

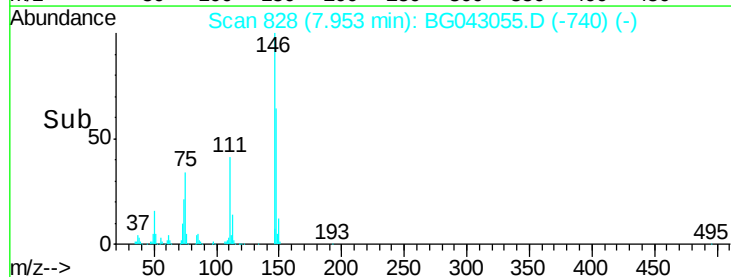
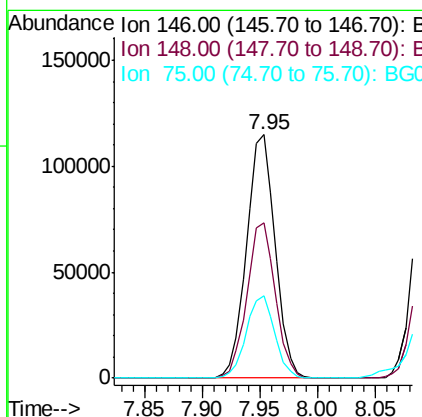
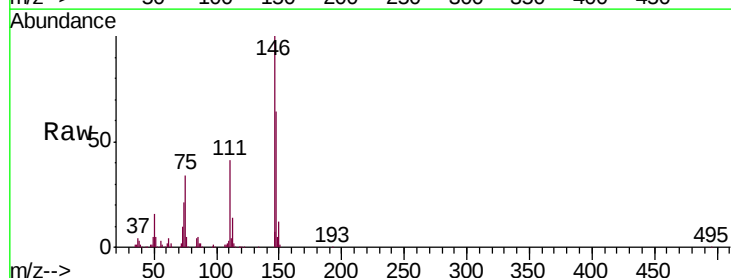
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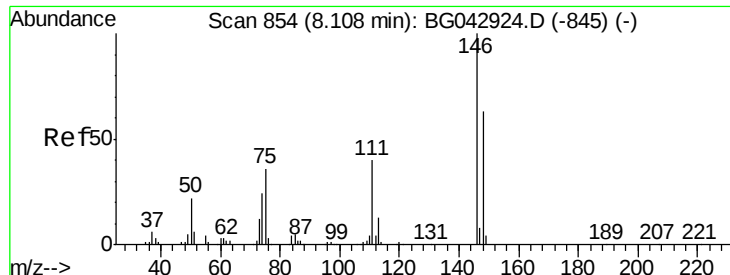
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.705 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198351		
148	63.8	50.7	76.1	
75	33.7	27.7	41.5	





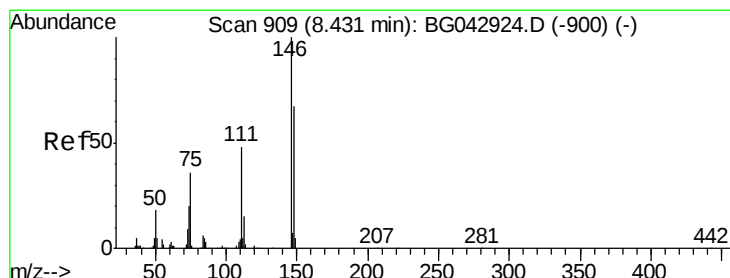
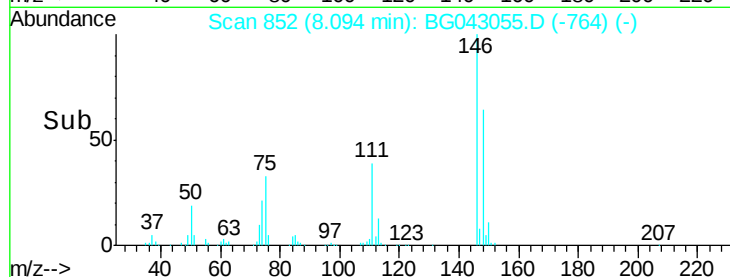
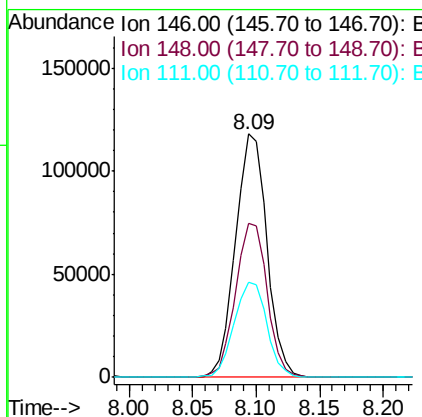
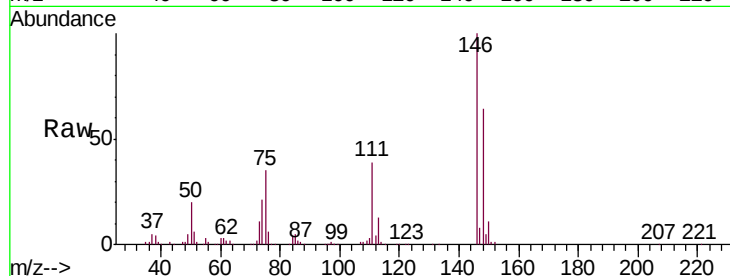
#13
 1,4-Dichlorobenzene
 Concen: 42.853 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	38.9	31.8	47.8

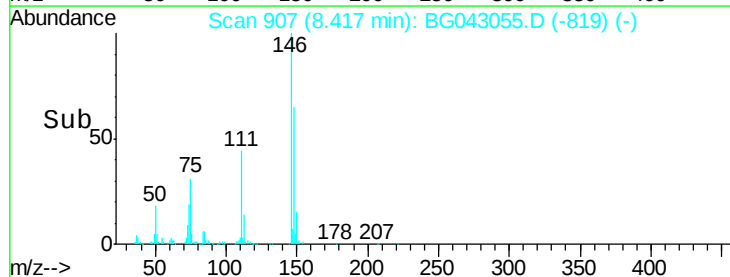
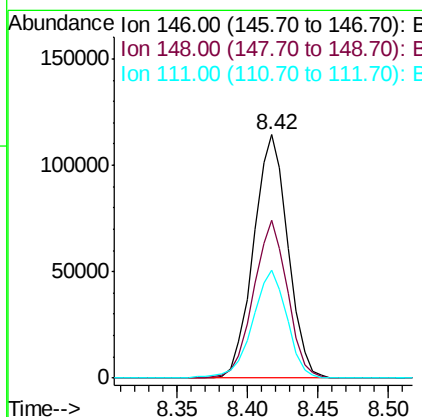
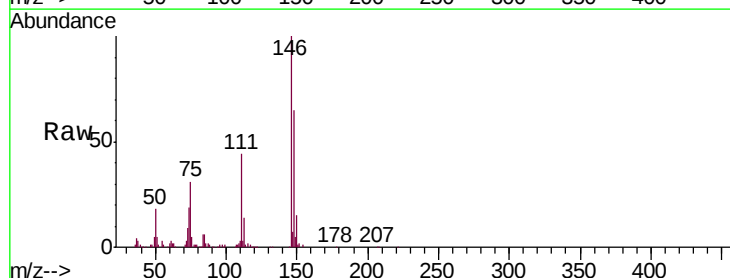
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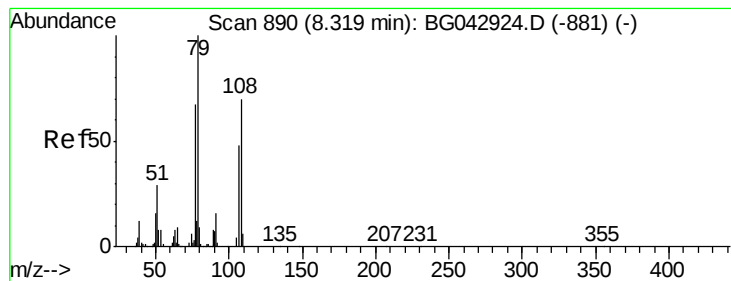
mohammad
 10/7/2019 4:39:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.253 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.4	80.2
111	44.3	38.5	57.7





#15

Benzyl Alcohol

Concen: 45.945 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

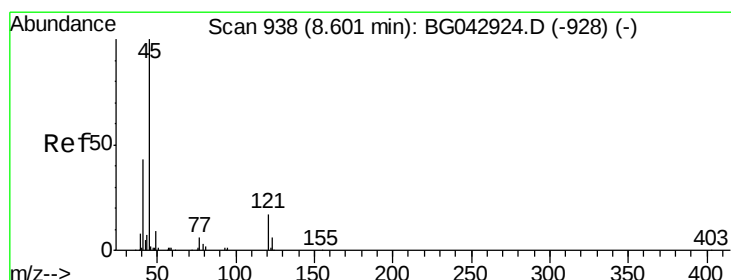
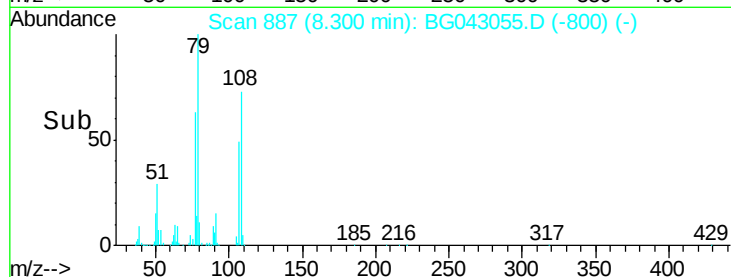
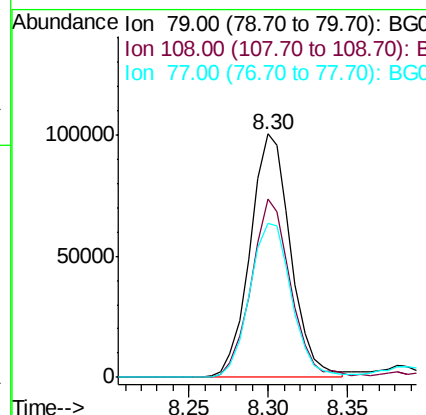
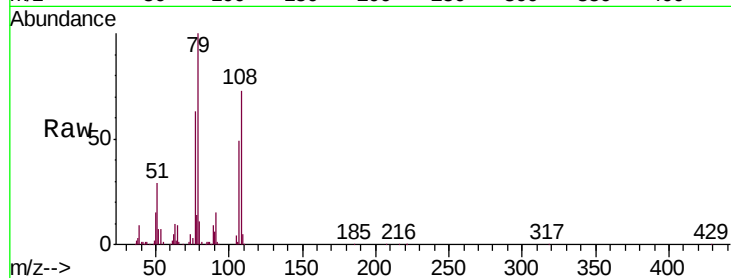
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	79	Resp:	177834
Ion Ratio	Lower	Upper	
79	100		
108	73.2	55.7	83.5
77	63.1	53.3	79.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.321 ng

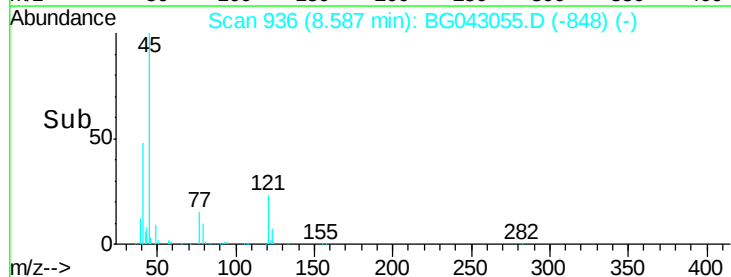
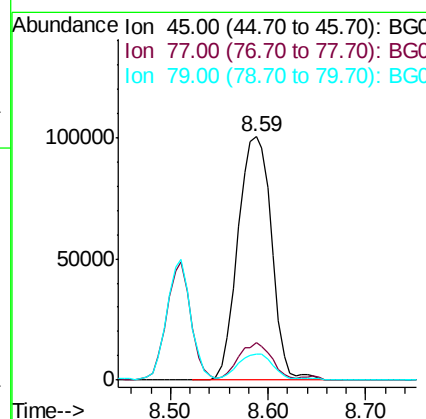
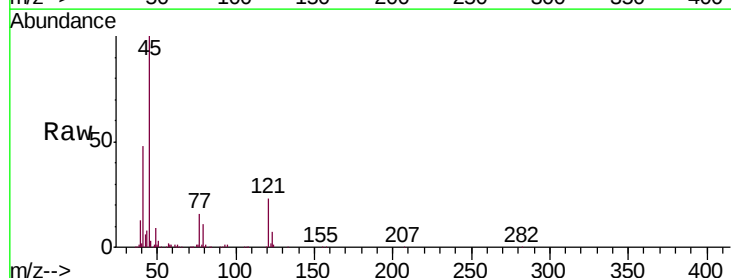
RT: 8.59 min Scan# 936

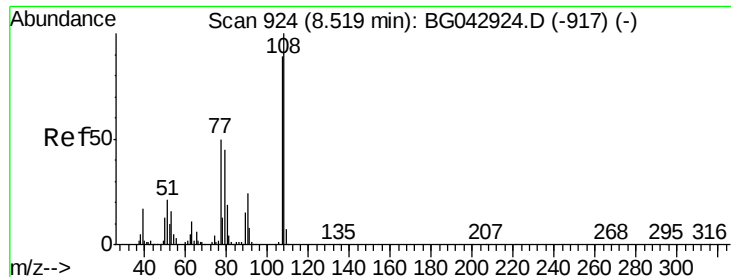
Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	45	Resp:	240882
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	32.8
79	10.9	0.0	29.4





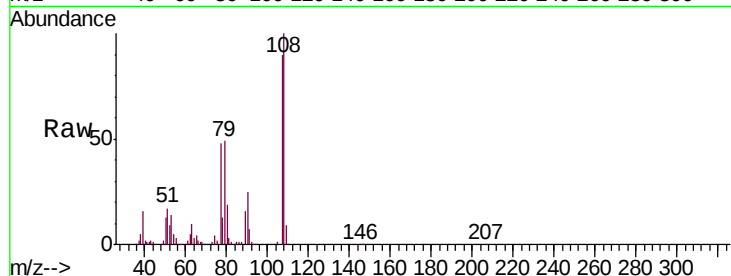
#17
2-Methylphenol
Concen: 48.320 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	159695		
108	111.2	89.9	134.9	
77	53.2	45.4	68.2	
79	54.1	41.4	62.0	

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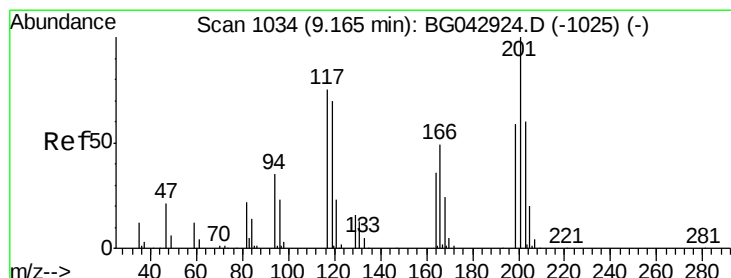
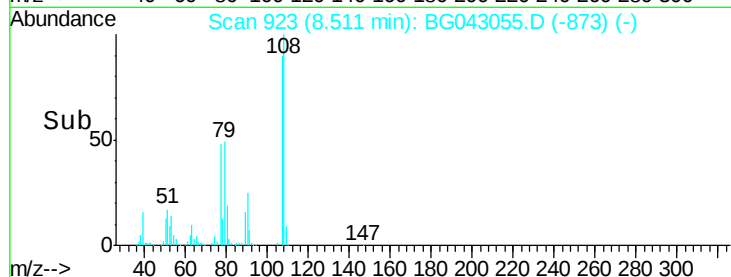
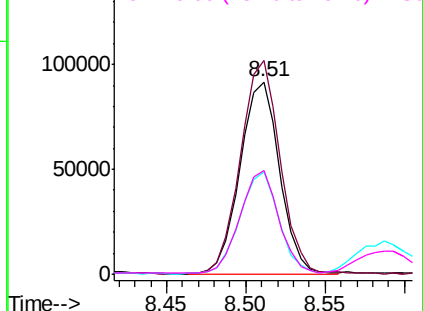
Abundance

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: 41.850 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

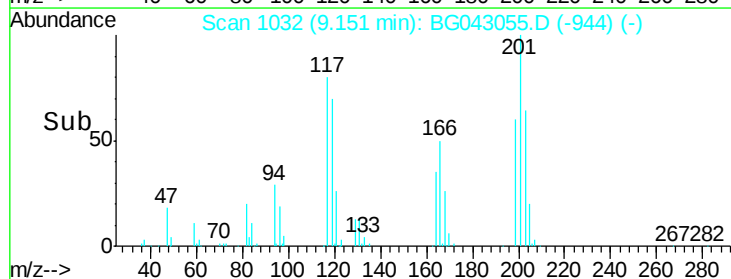
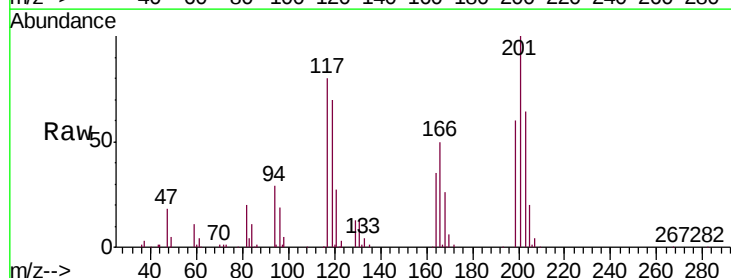
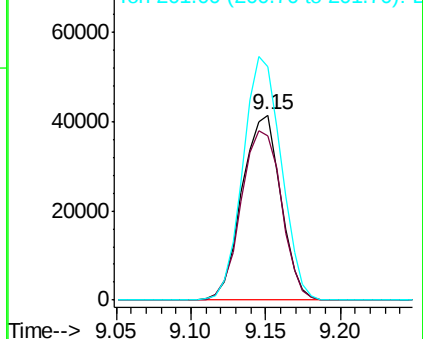
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74727		
119	88.4	74.6	111.8	
201	125.7	106.0	159.0	

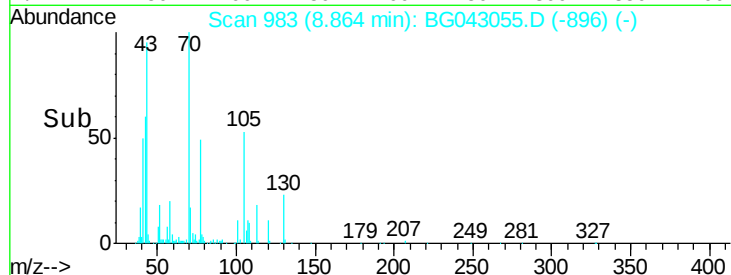
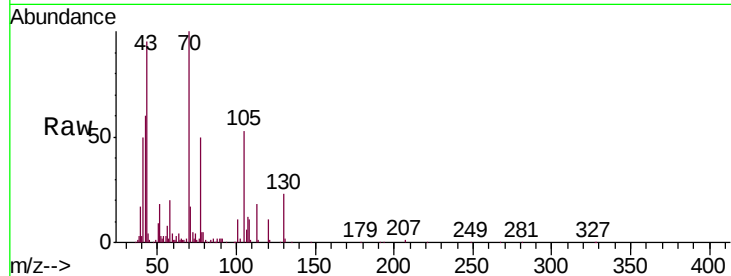
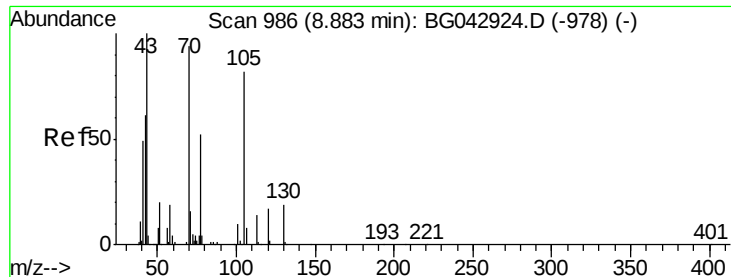
Abundance

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





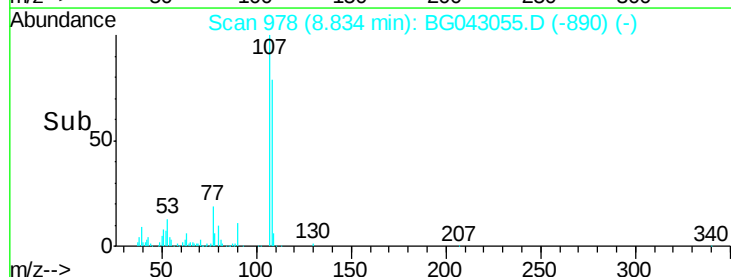
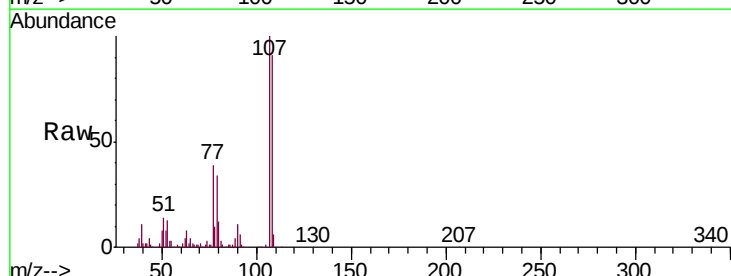
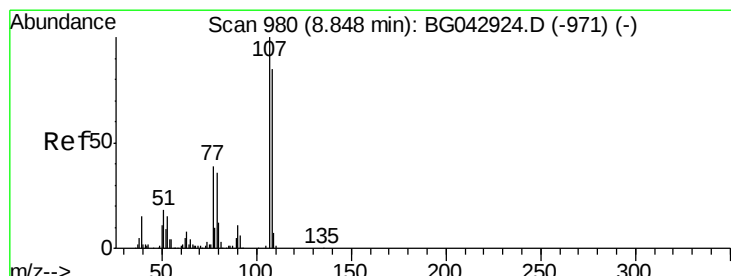
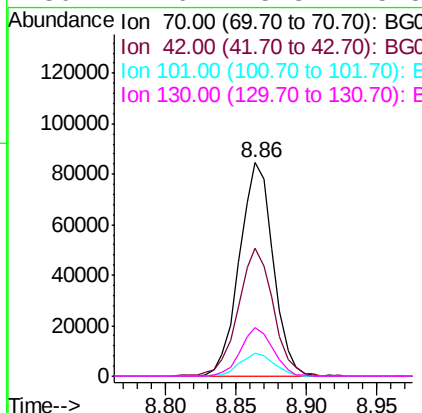
#19
n-Nitroso-di-n-propylamine
Concen: 41.852 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.7	52.6	79.0	
101	10.6	8.7	13.1	
130	22.6	15.8	23.8	

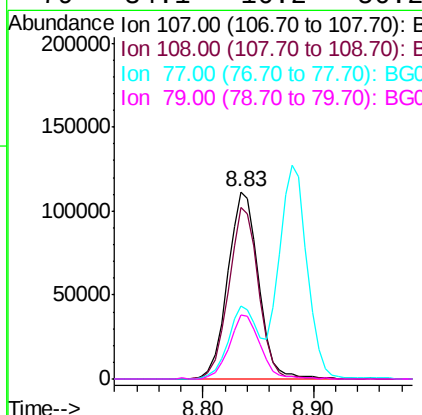
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#20
3+4-Methylphenols
Concen: 48.002 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	64.9	104.9	
77	38.8	19.4	59.4	
79	34.1	16.2	56.2	





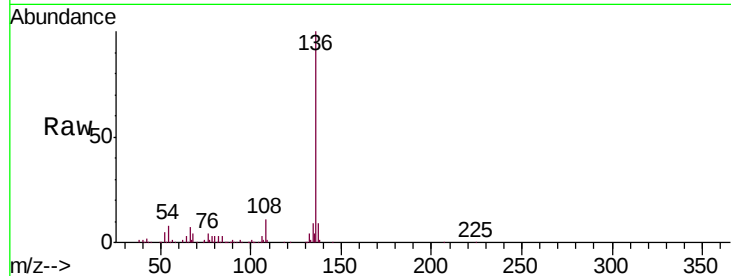
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

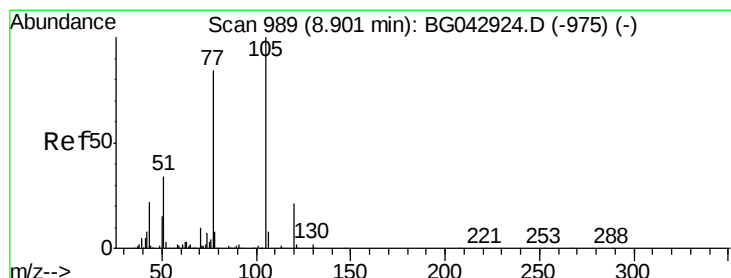
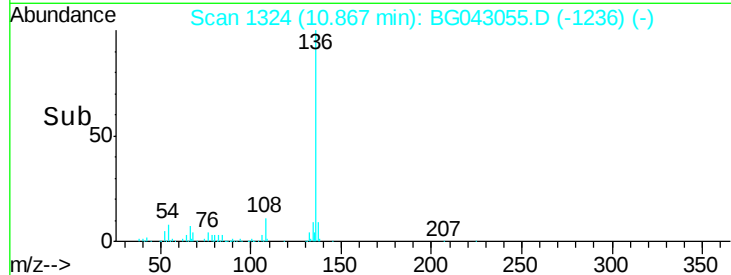
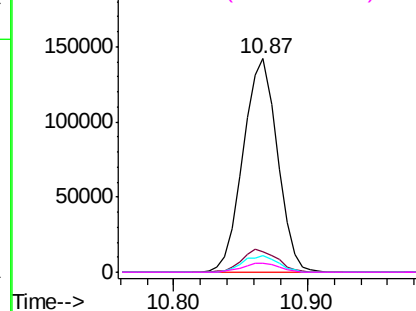
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	251508		
137	9.3	8.5	12.7	
54	7.5	7.4	11.2	
68	4.5	3.6	5.4	

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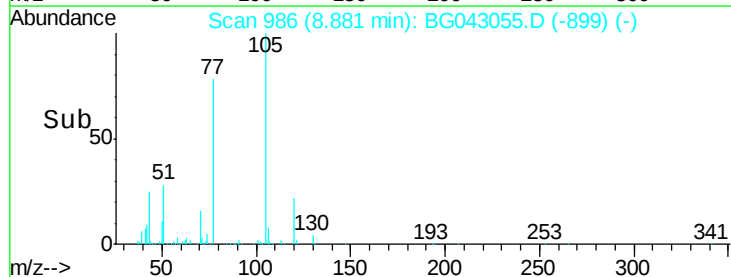
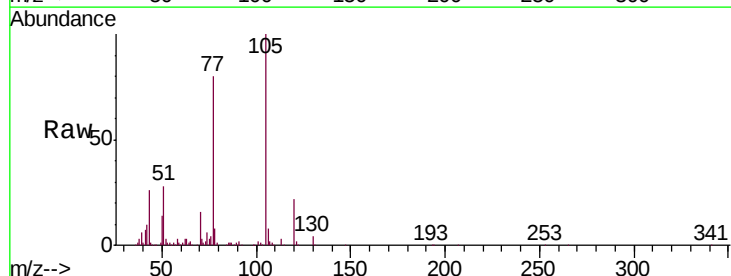
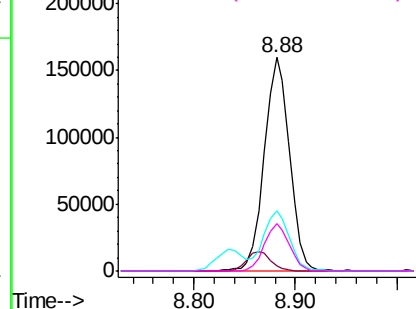
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.612 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276257		
71	2.6	1.2	1.8#	
51	28.3	27.2	40.8	
120	22.1	16.9	25.3	

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





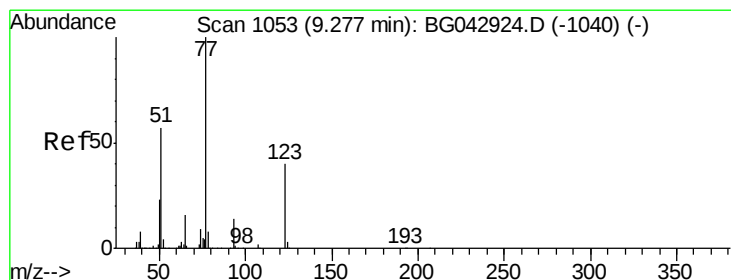
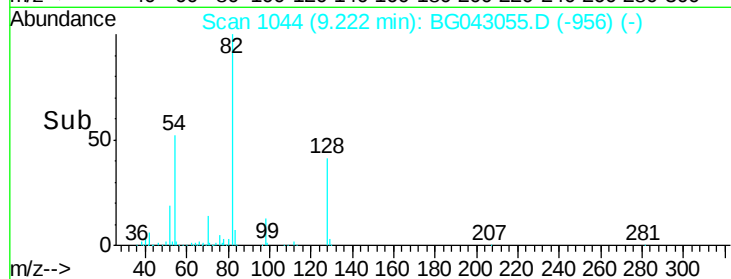
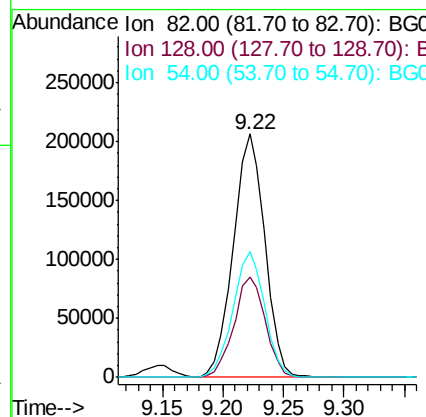
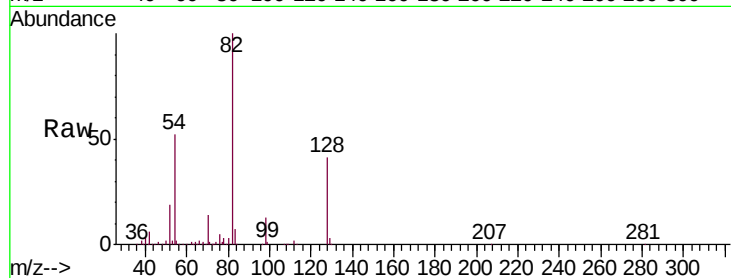
#23
 Nitrobenzene-d5
 Concen: 72.327 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	374258		
128	41.0	29.5	44.3	
54	52.0	44.6	67.0	

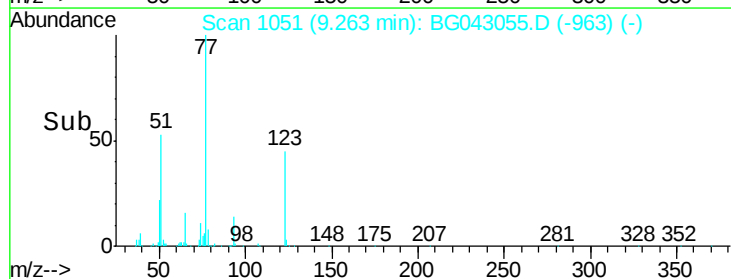
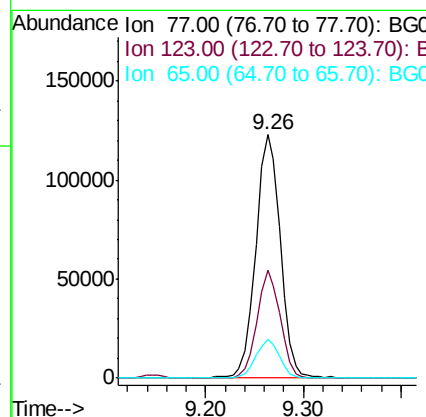
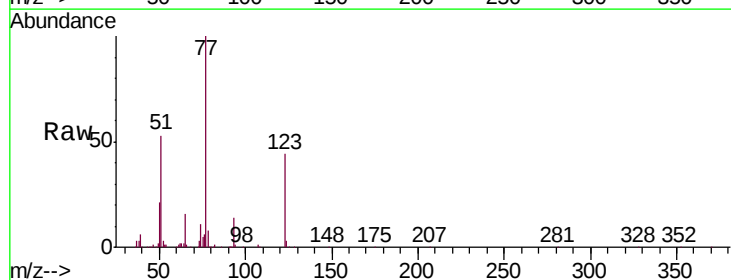
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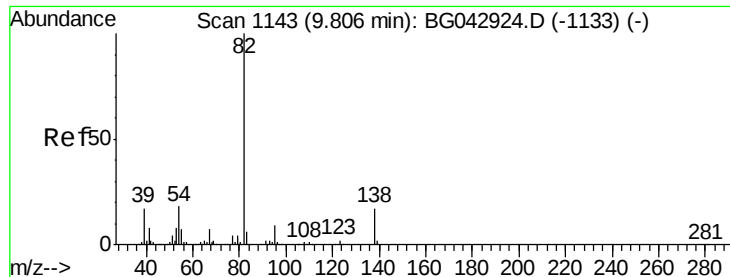
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#24
 Nitrobenzene
 Concen: 43.714 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	215757		
123	44.4	31.9	47.9	
65	16.0	12.4	18.6	





#25

Isophorone

Concen: 44.154 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

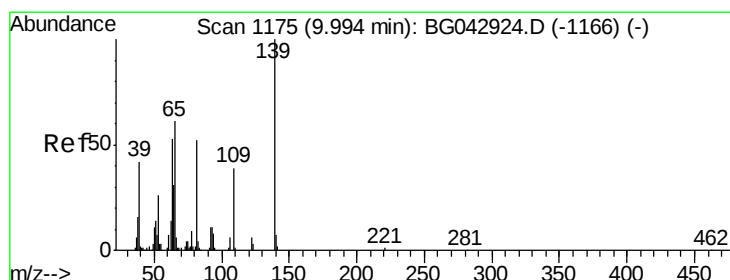
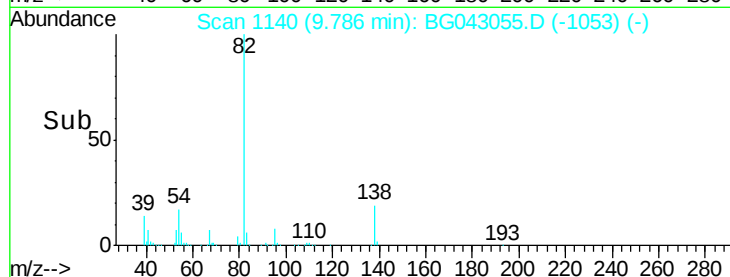
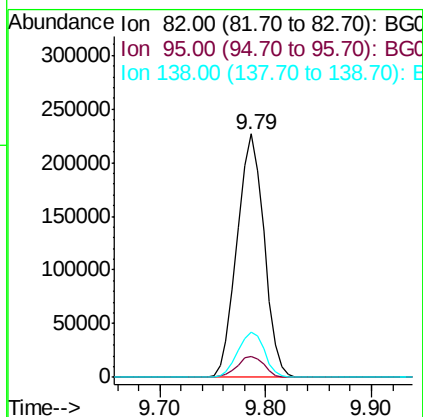
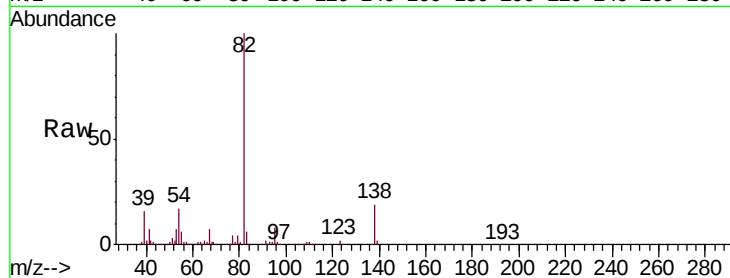
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	82	Resp:	401323
Ion Ratio		Lower	Upper
82	100		
95	8.4	7.0	10.4
138	18.8	13.8	20.6

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#26

2-Nitrophenol

Concen: 49.928 ng

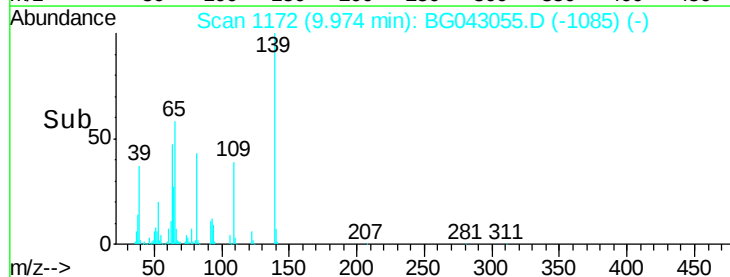
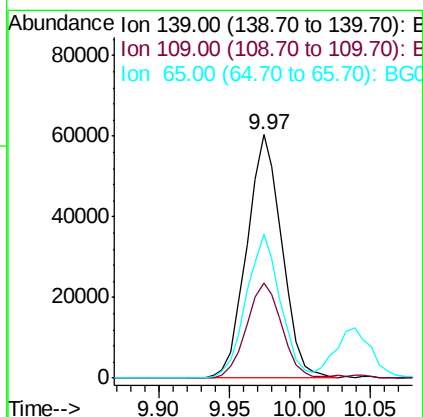
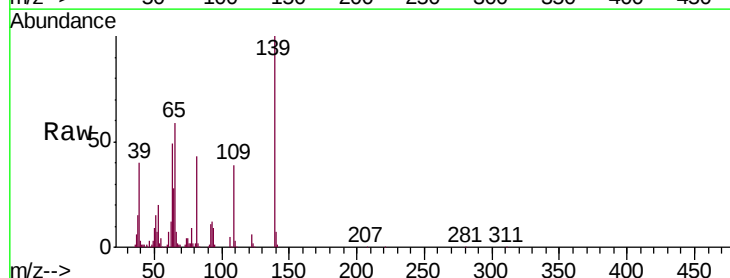
RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	139	Resp:	104904
Ion Ratio		Lower	Upper
139	100		
109	38.9	31.0	46.6
65	59.0	48.4	72.6





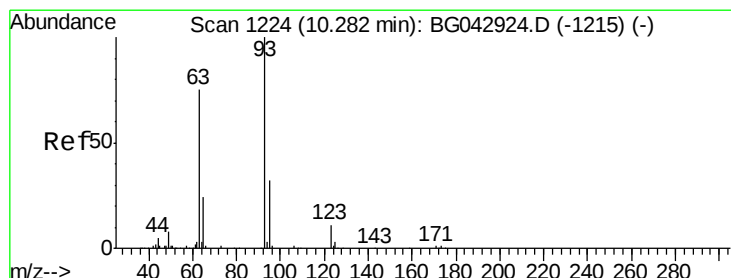
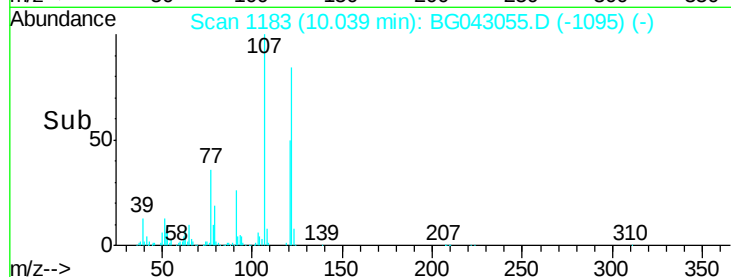
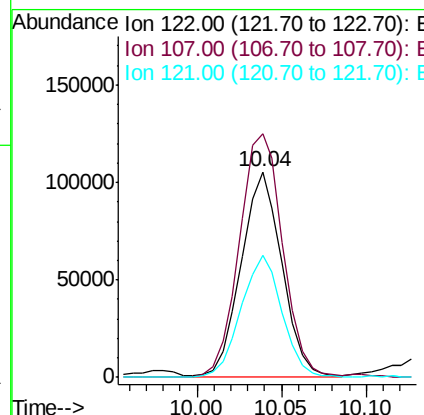
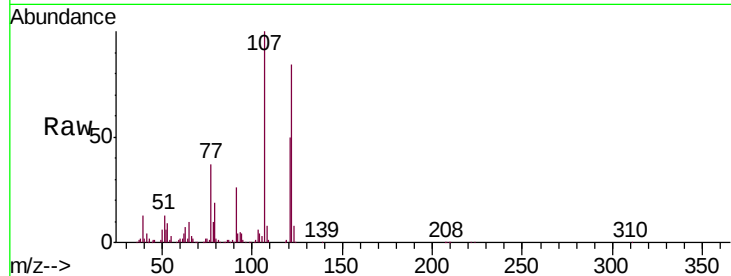
#27
2,4-Dimethylphenol
Concen: 54.450 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.4	102.2	153.2
121	59.5	48.5	72.7

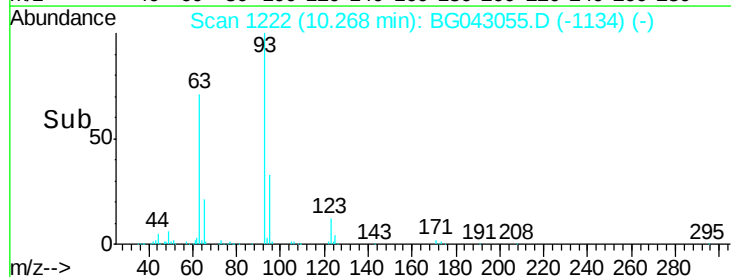
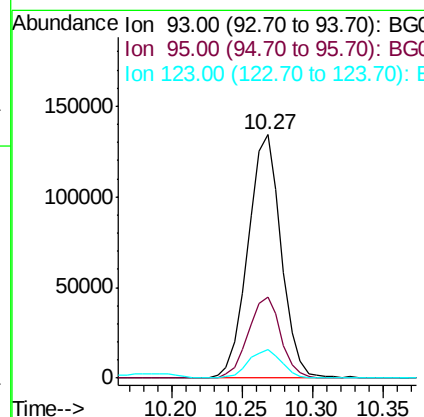
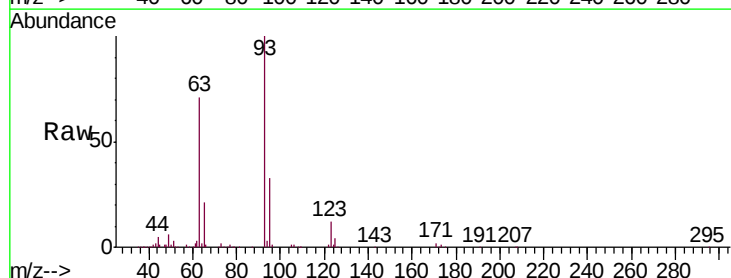
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#28
bis(2-Chloroethoxy)methane
Concen: 42.859 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.0
123	11.6	9.3	13.9





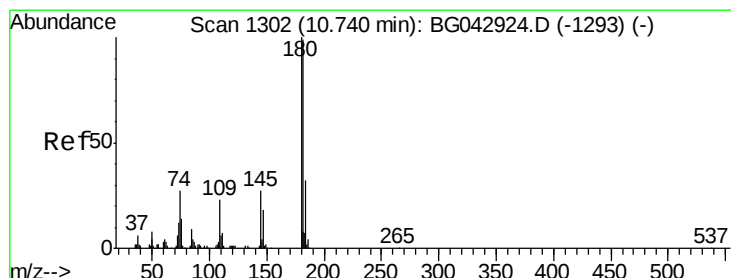
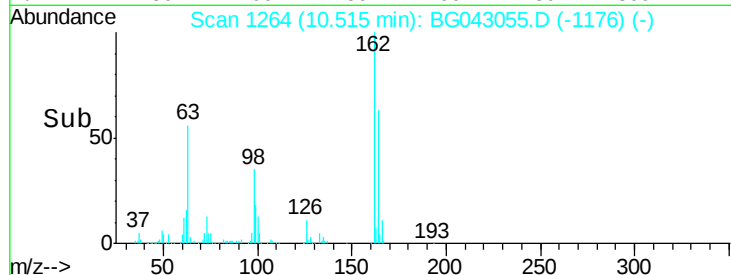
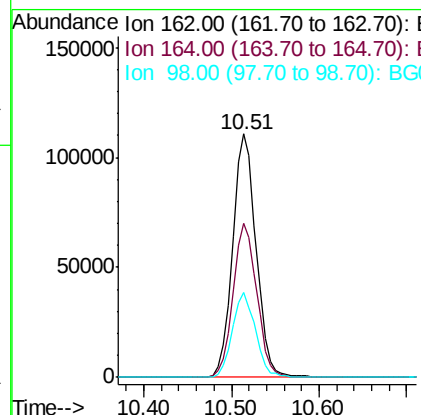
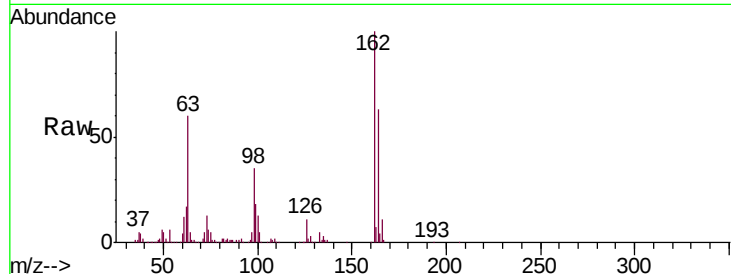
#29
 2,4-Dichlorophenol
 Concen: 50.241 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	201620		
164	63.2	44.7	84.7	
98	35.1	16.0	56.0	

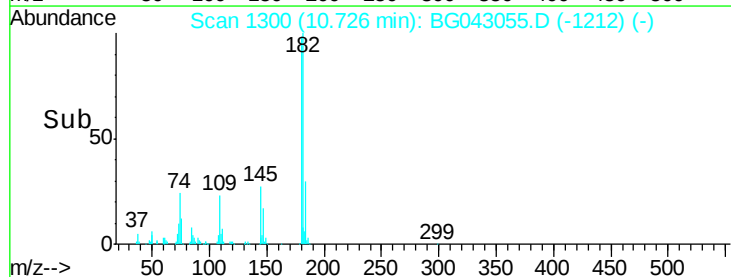
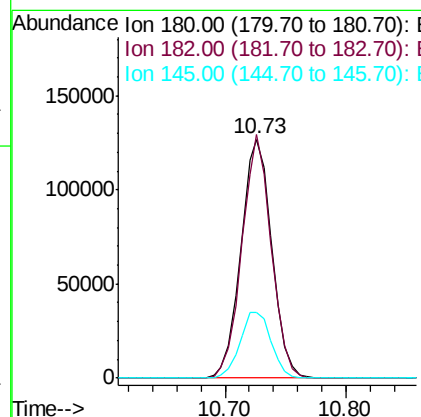
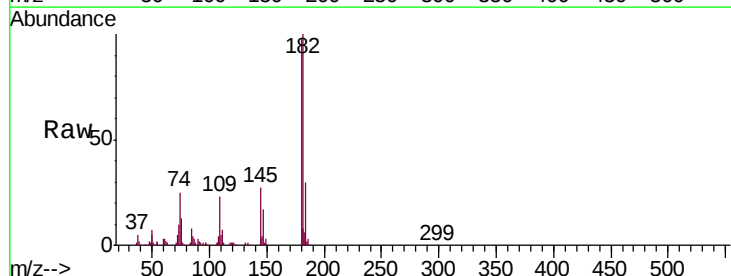
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.537 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	225624		
182	102.1	79.3	118.9	
145	27.7	22.0	33.0	





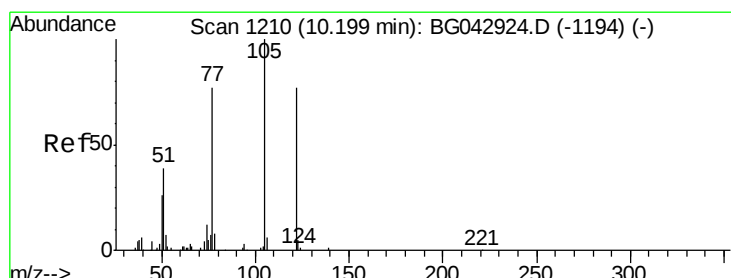
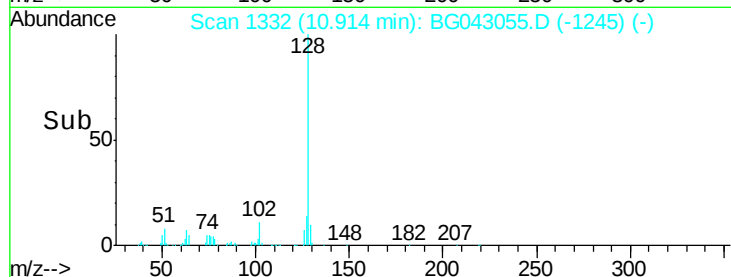
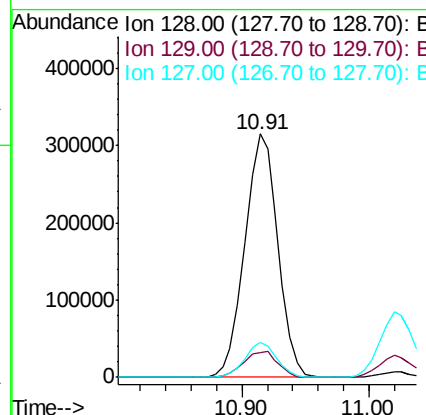
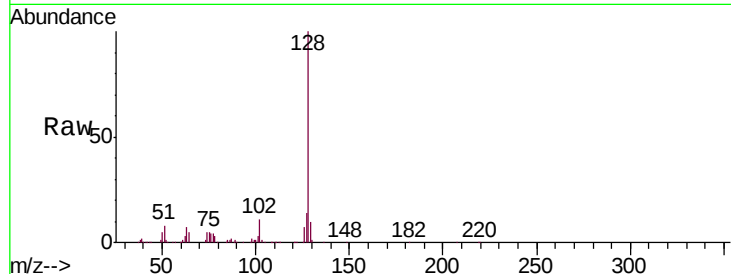
#31
Naphthalene
Concen: 45.803 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	567083		
129	10.3		8.8	13.2
127	14.5		11.3	16.9

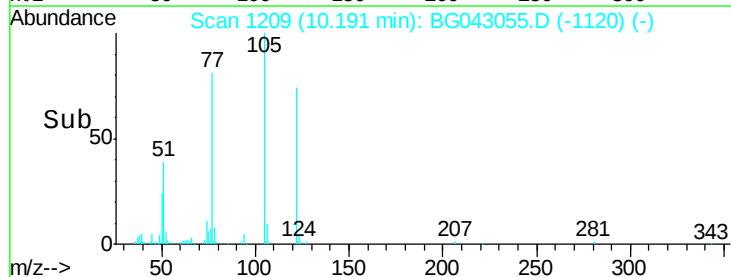
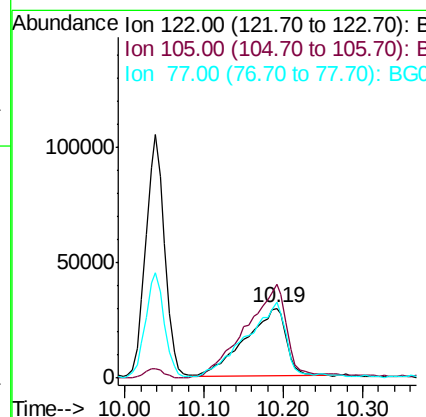
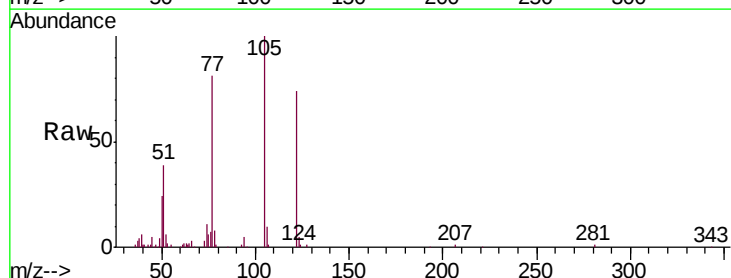
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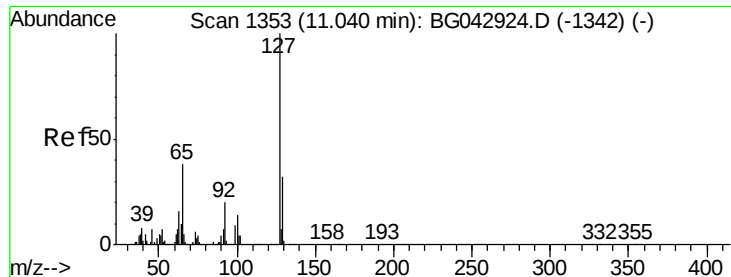
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#32
Benzoic acid
Concen: 43.854 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	108101		
105	134.4		107.5	147.5
77	108.9		79.8	119.8





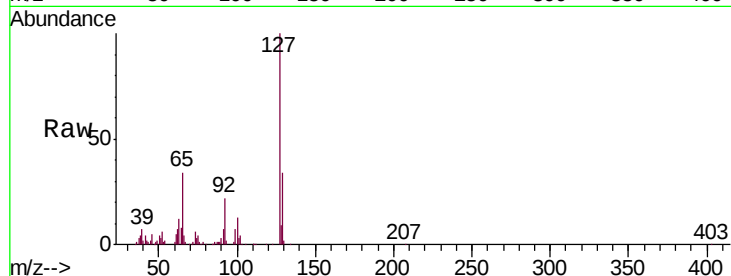
#33
4-Chloroaniline
Concen: 30.128 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

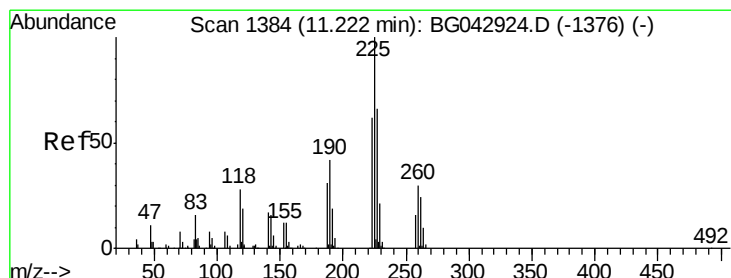
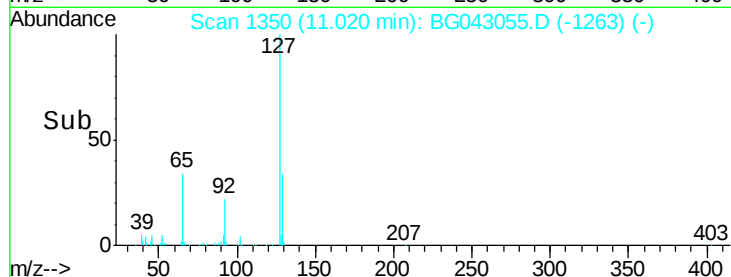
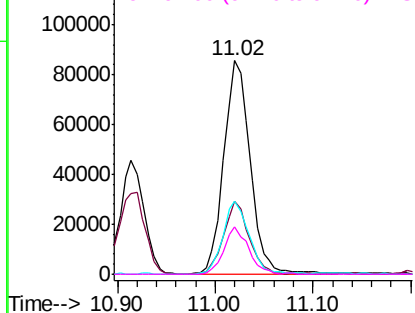
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	161856		
129	34.0	26.2	39.2	
65	34.0	30.6	45.8	
92	22.1	16.2	24.4	

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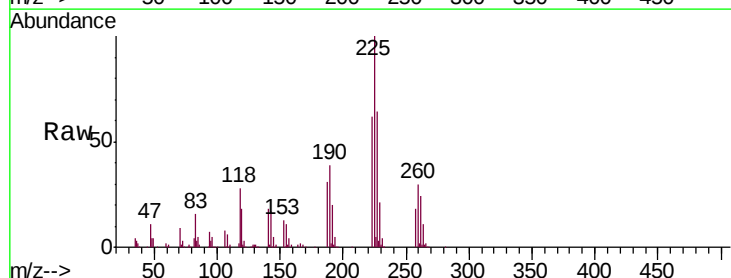


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

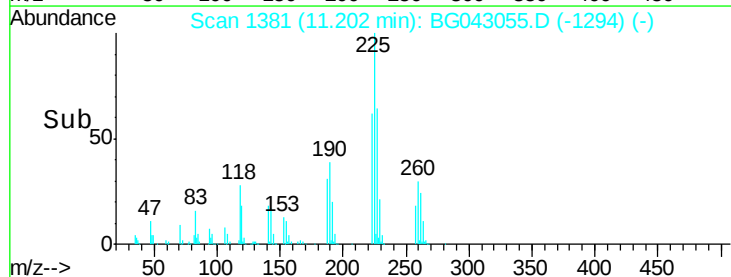
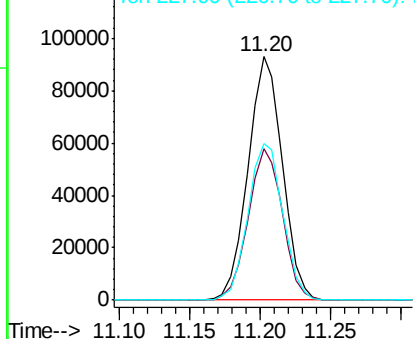


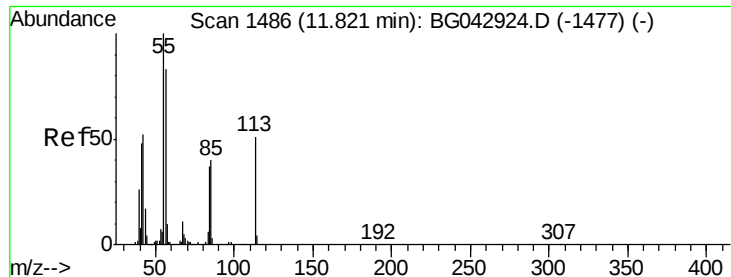
#34
Hexachlorobutadiene
Concen: 40.940 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158861		
223	62.2	49.3	73.9	
227	64.4	52.8	79.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.373 ng m

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

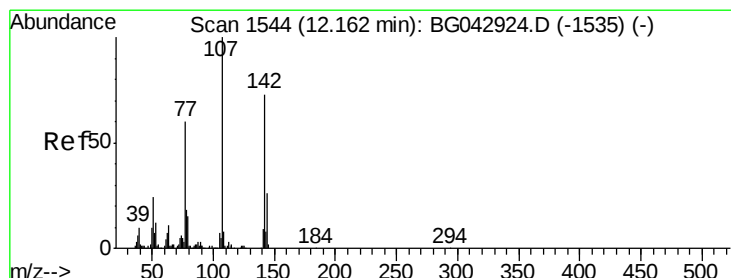
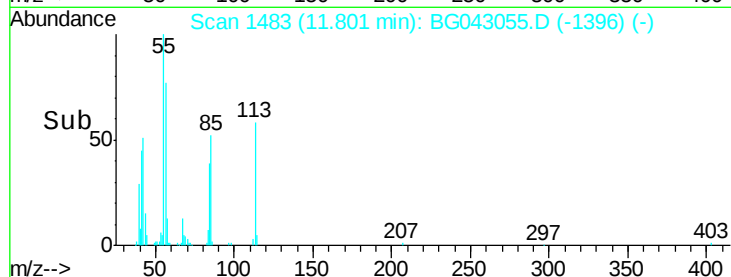
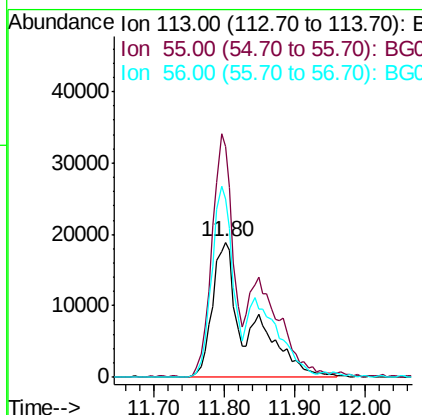
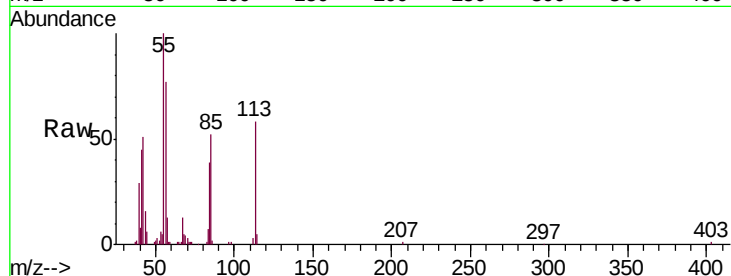
ClientSampleId :

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Tgt Ion:113 Resp: 67042
 Ion Ratio Lower Upper
 113 100
 55 171.2 175.5 215.5#
 56 132.2 142.3 182.3#

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#36

4-Chloro-3-methylphenol

Concen: 49.144 ng

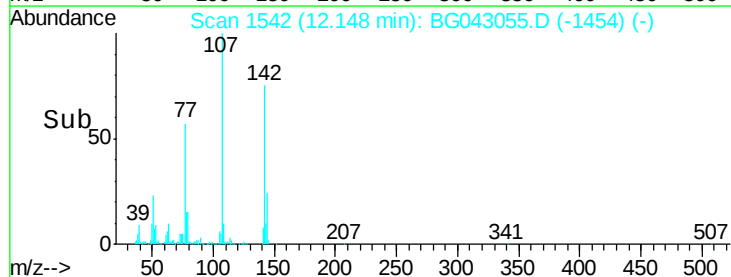
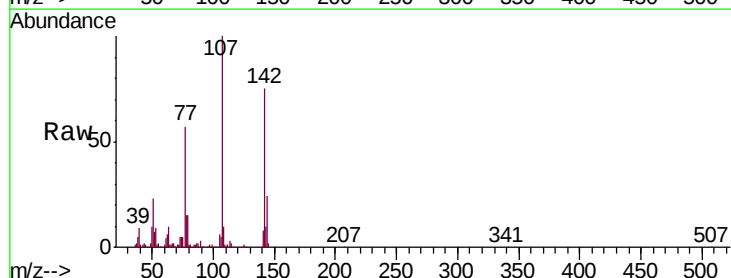
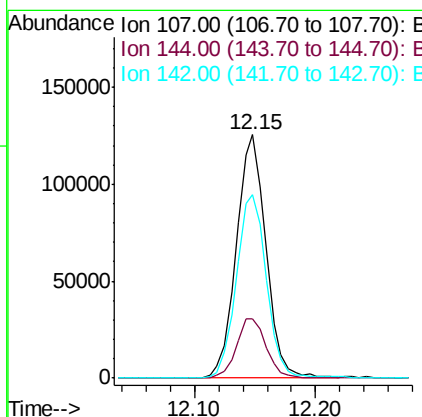
RT: 12.15 min Scan# 1542

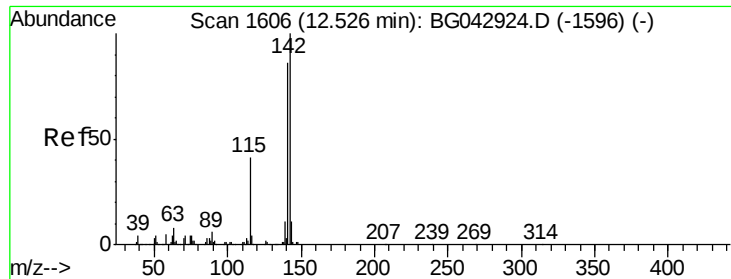
Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:107 Resp: 214432
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.7 31.1
 142 75.3 58.6 87.8





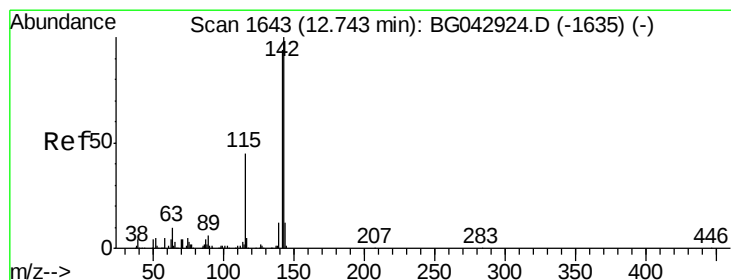
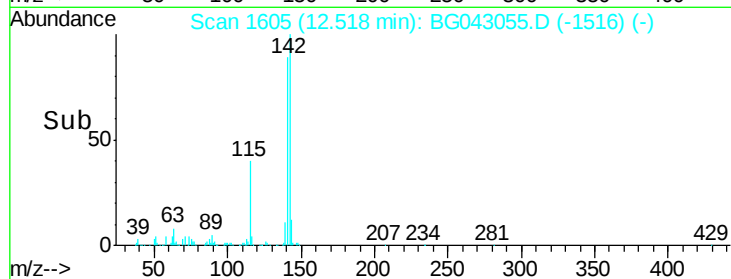
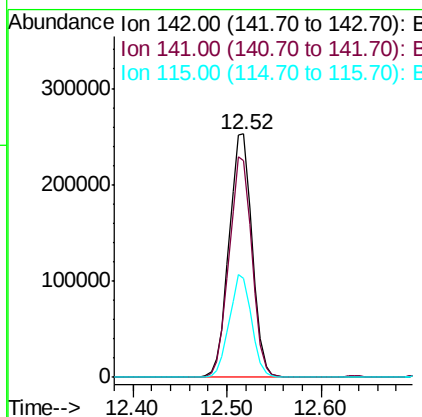
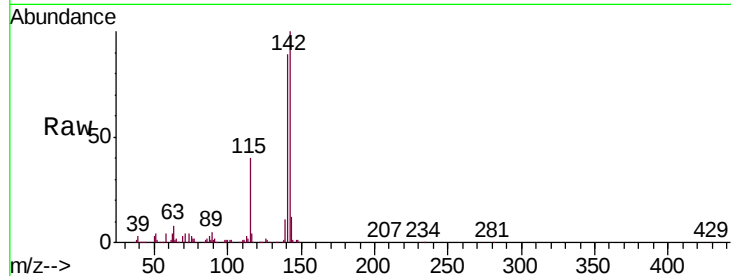
#37
 2-Methylnaphthalene
 Concen: 45.626 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.0	103.4
115	40.4	32.8	49.2

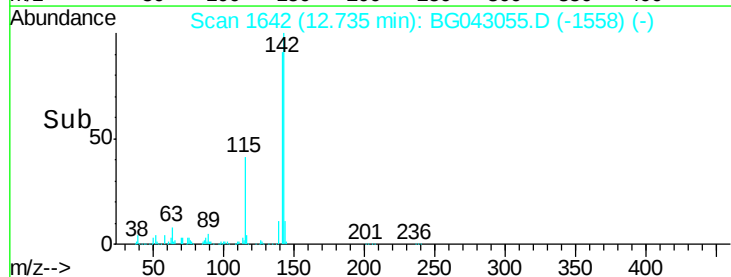
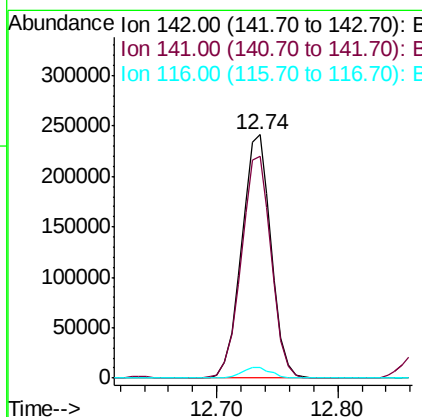
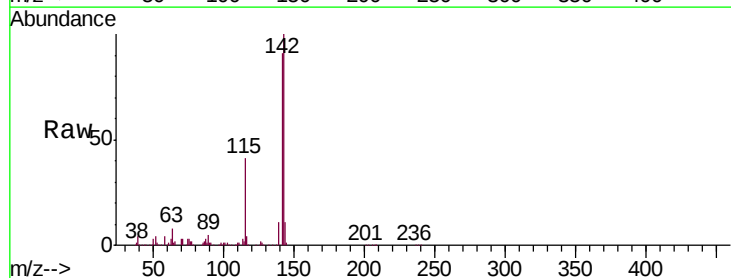
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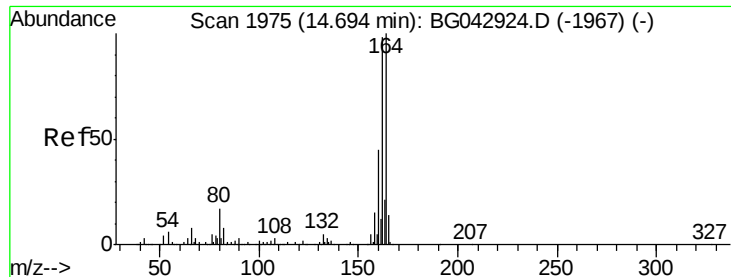
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#38
 1-Methylnaphthalene
 Concen: 45.694 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.9	112.3
116	4.3	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

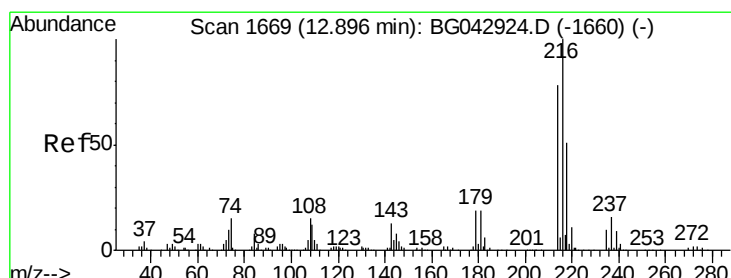
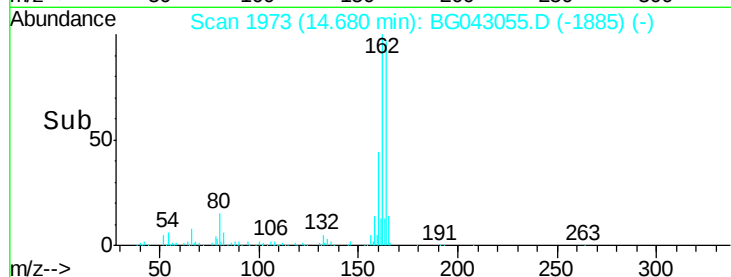
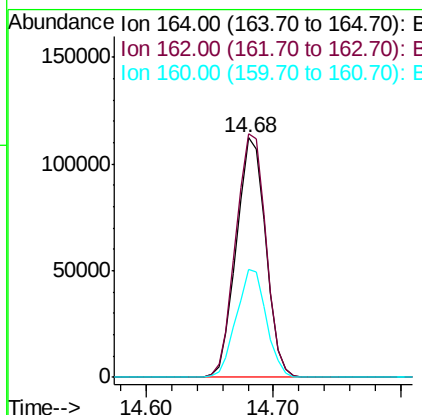
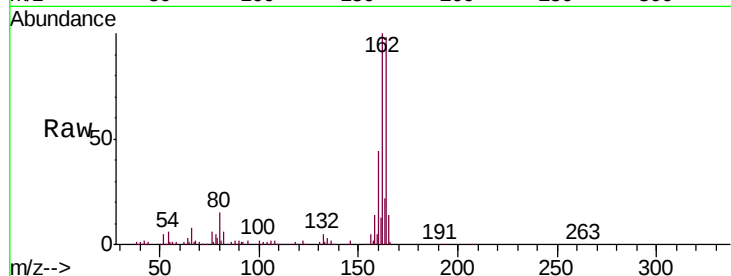
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179746		
162	101.8	78.5	117.7	
160	44.9	35.9	53.9	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.800 ng

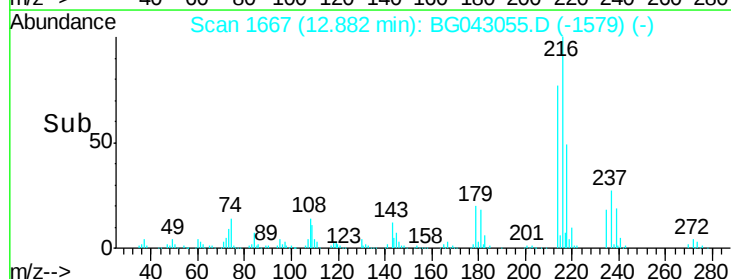
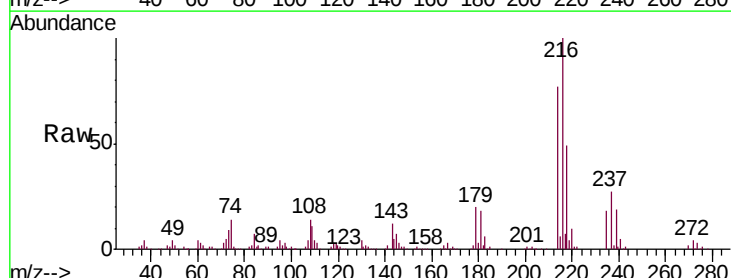
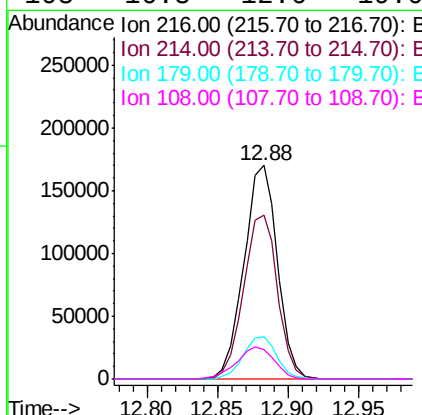
RT: 12.88 min Scan# 1667

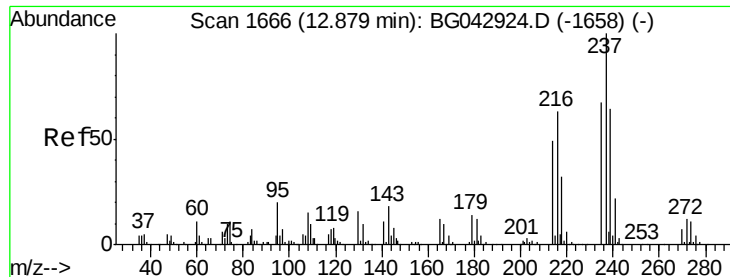
Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	282498		
214	77.9	62.4	93.6	
179	20.0	15.4	23.2	
108	16.8	12.6	19.0	





#41

Hexachlorocyclopentadiene

Concen: 85.125 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

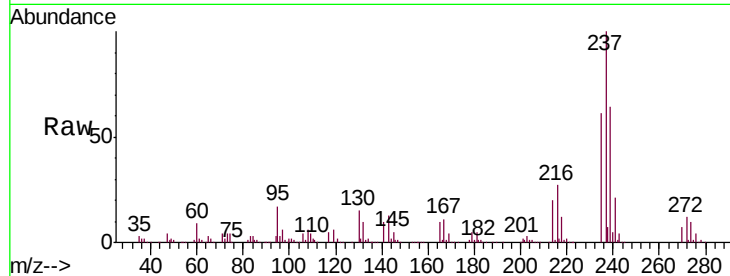
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

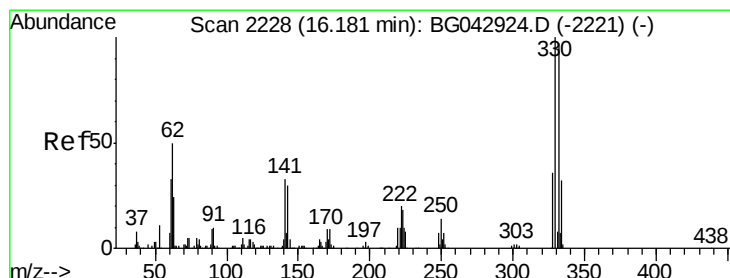
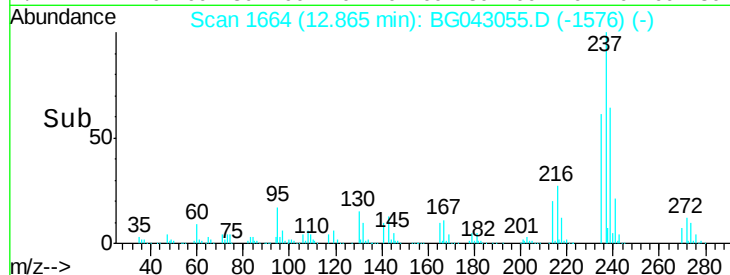
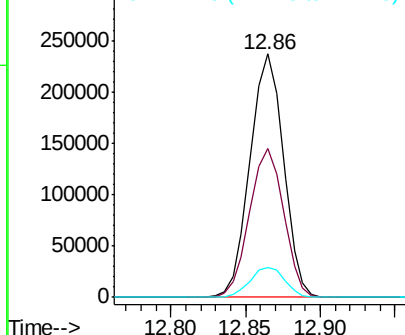
Tgt Ion:	237	Resp:	366555
Ion Ratio		Lower	Upper
237	100		
235	61.2	46.7	86.7
272	12.5	0.0	32.3

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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: 112.780 ng

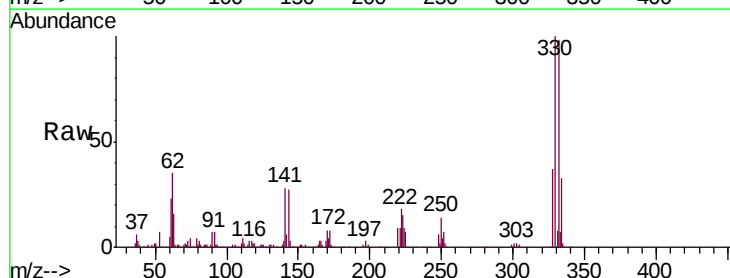
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

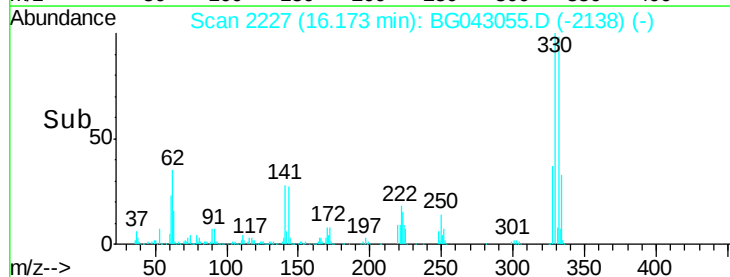
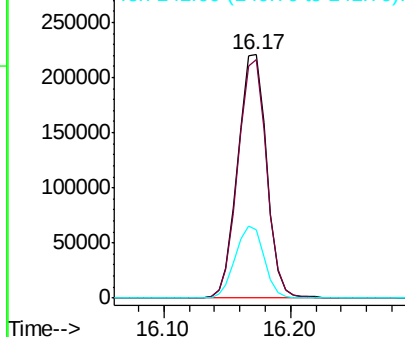
Lab File: BG043055.D

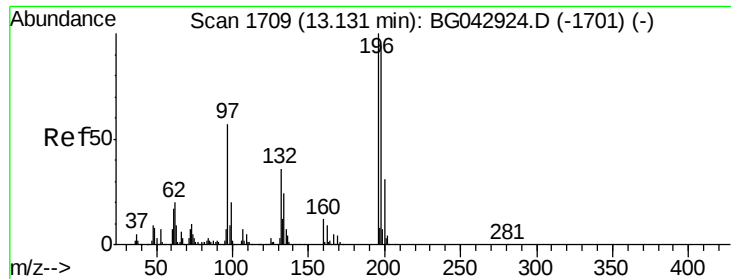
Acq: 5 Oct 2019 14:54

Tgt Ion:	330	Resp:	348586
Ion Ratio		Lower	Upper
330	100		
332	97.1	78.2	117.2
141	29.6	26.0	39.0



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





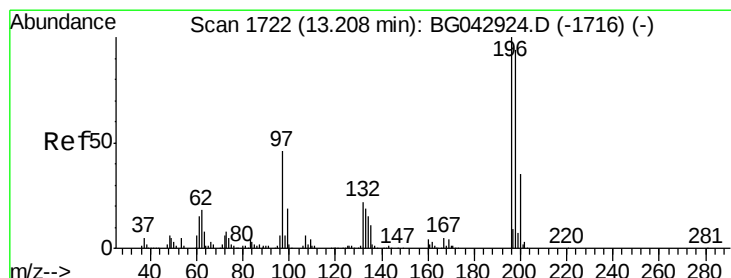
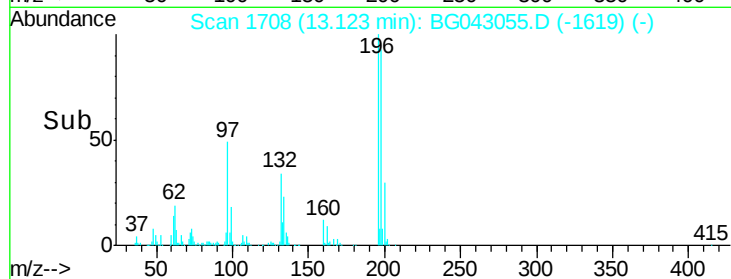
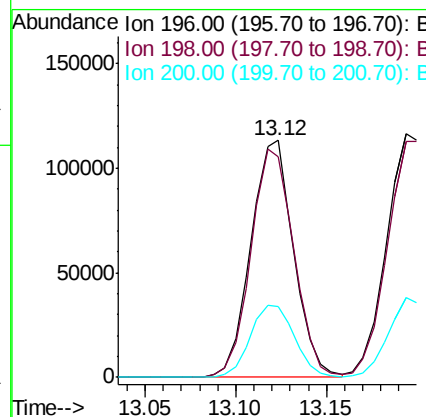
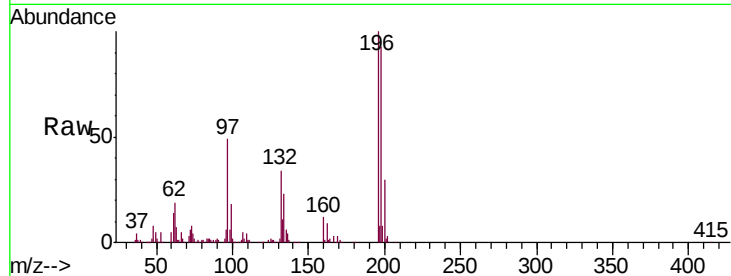
#43
 2,4,6-Trichlorophenol
 Concen: 46.832 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185252		
198	93.1	75.5	113.3	
200	29.8	24.9	37.3	

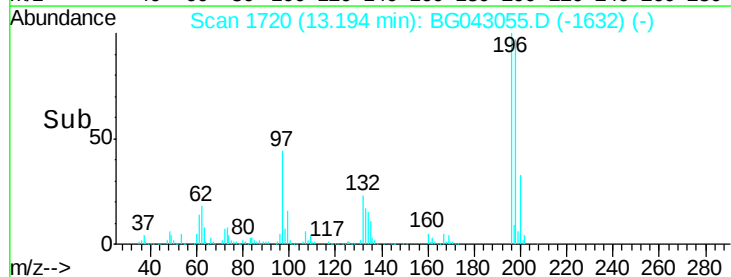
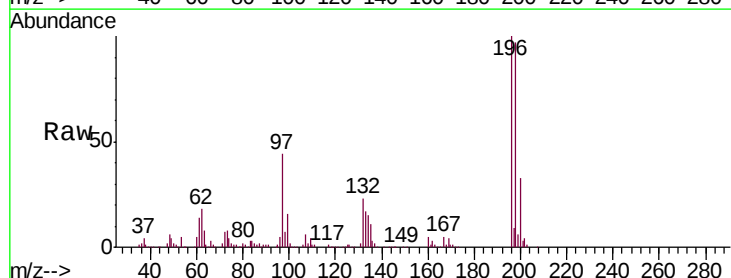
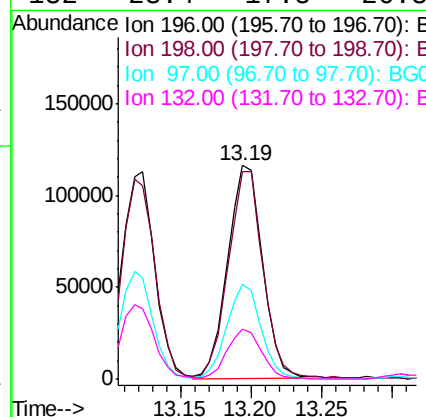
Manual Integrations
 APPROVED

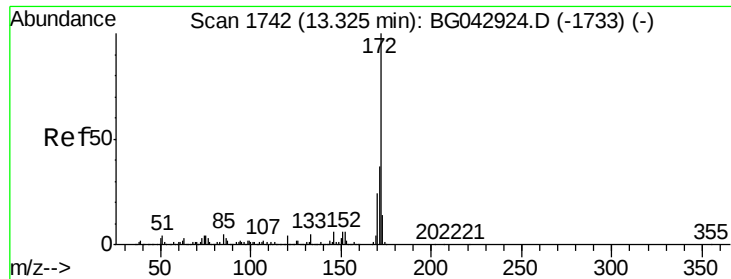
mohammad
 10/7/2019 4:39:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.970 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199550		
198	96.9	75.1	112.7	
97	44.3	37.0	55.4	
132	23.4	17.5	26.3	





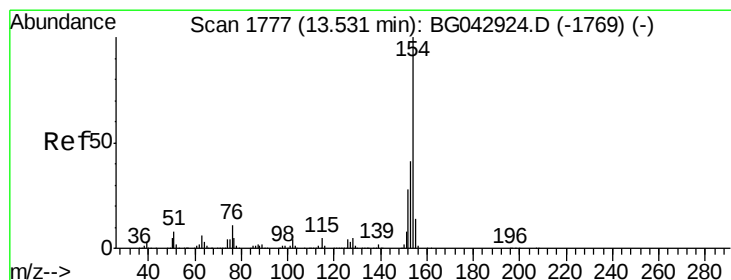
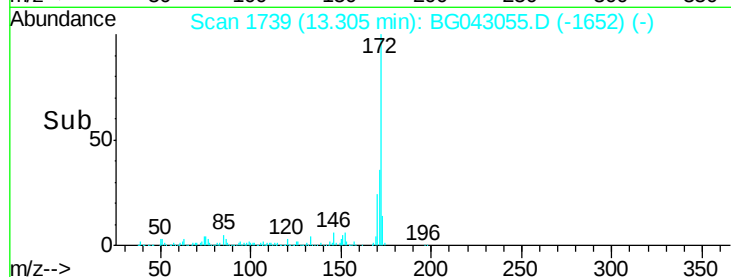
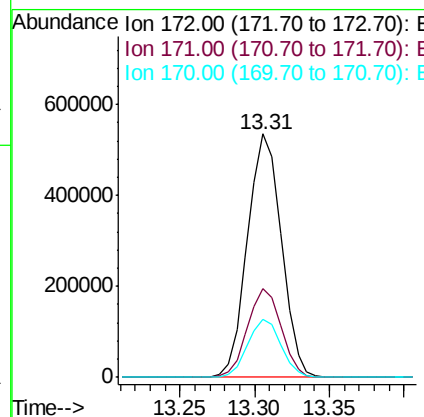
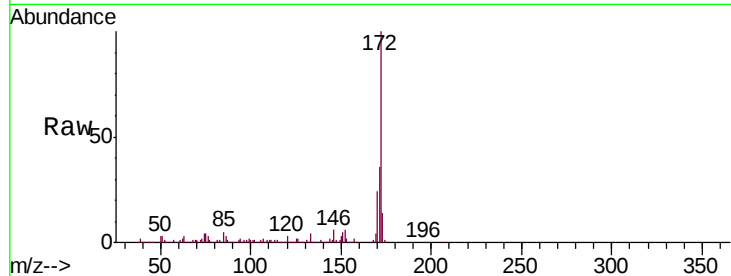
#45
2-Fluorobiphenyl
Concen: 67.705 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.6	29.4

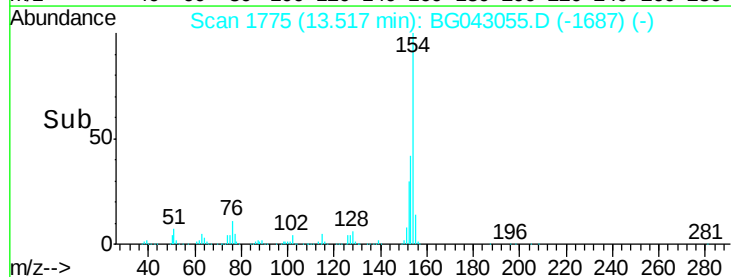
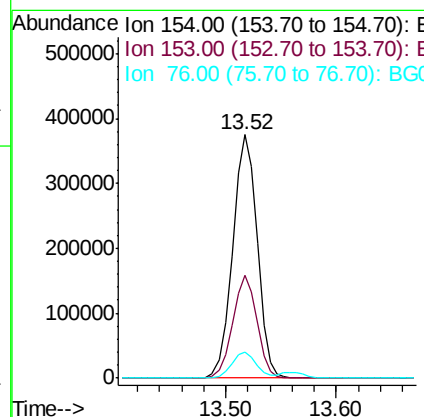
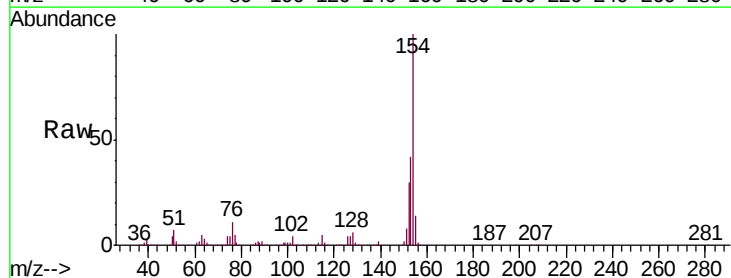
Manual Integrations
APPROVED

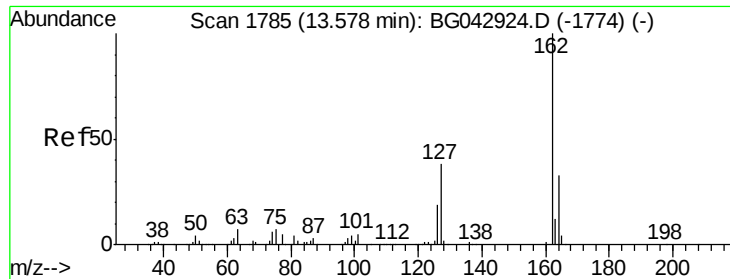
mohammad
10/7/2019 4:39:05 PM



#46
1,1'-Biphenyl
Concen: 42.777 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.4	61.4
76	10.8	0.0	31.3





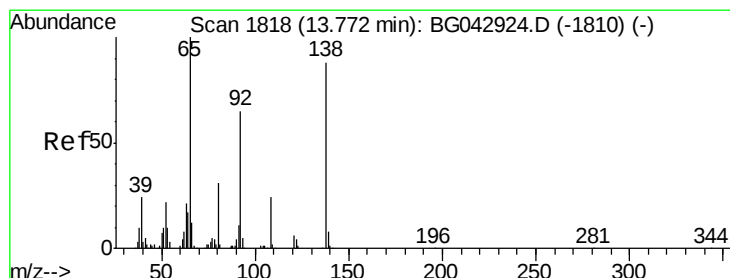
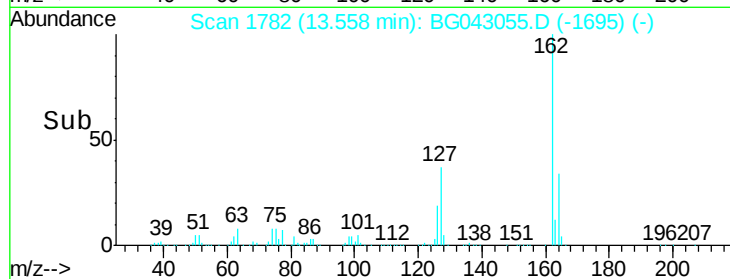
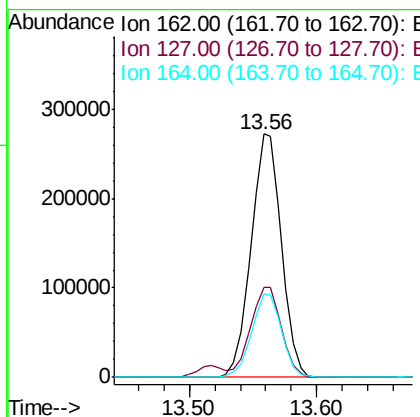
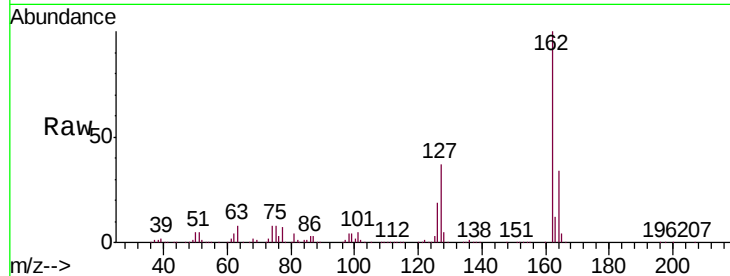
#47
2-Chloronaphthalene
Concen: 44.360 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	453344		
127	37.0	31.0	46.6	
164	34.2	26.2	39.2	

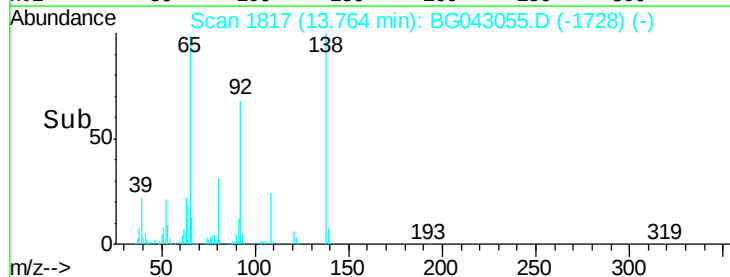
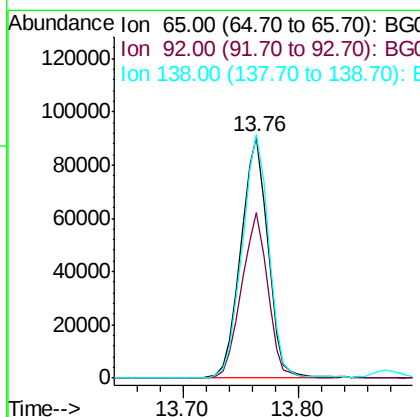
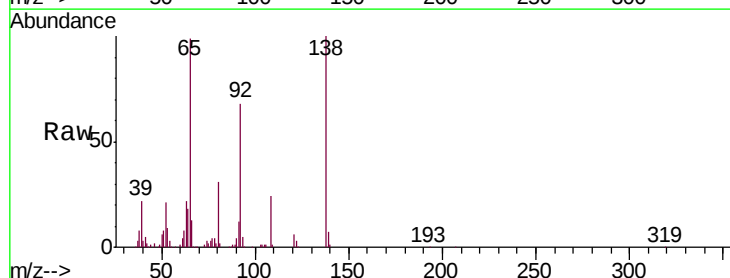
Manual Integrations
APPROVED

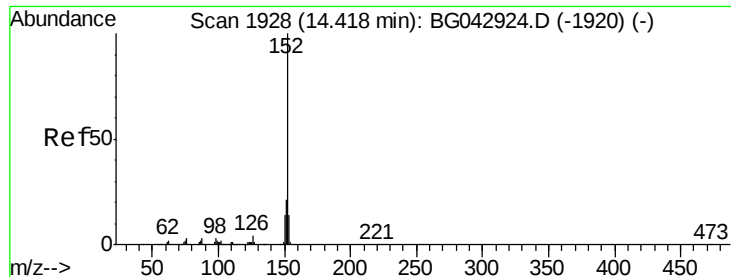
mohammad
10/7/2019 4:39:05 PM



#48
2-Nitroaniline
Concen: 43.436 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147619		
92	68.5	52.0	78.0	
138	100.8	70.4	105.6	





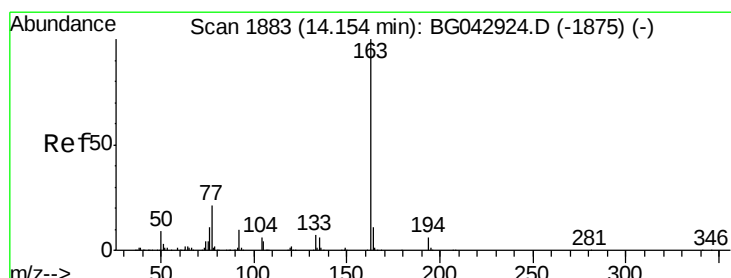
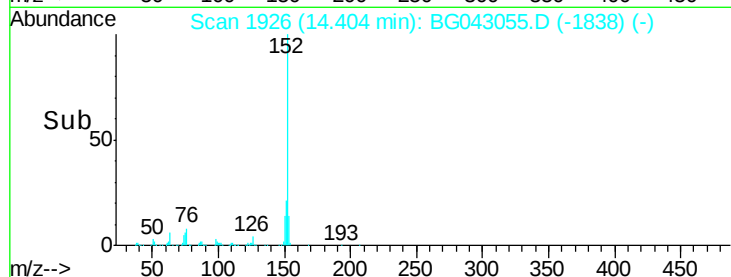
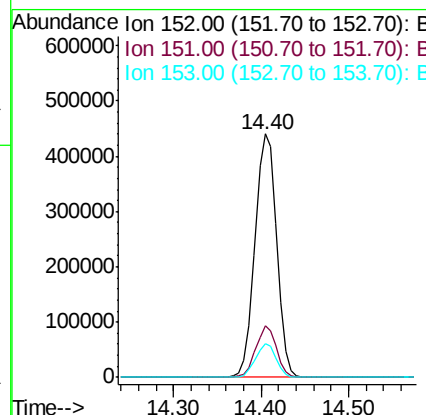
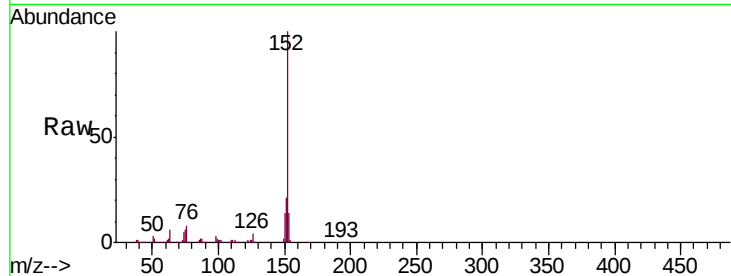
#49
Acenaphthylene
Concen: 46.904 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt	Ion	Resp	Lower	Upper
152	100			
151	21.4	16.8	25.2	
153	14.0	11.3	16.9	

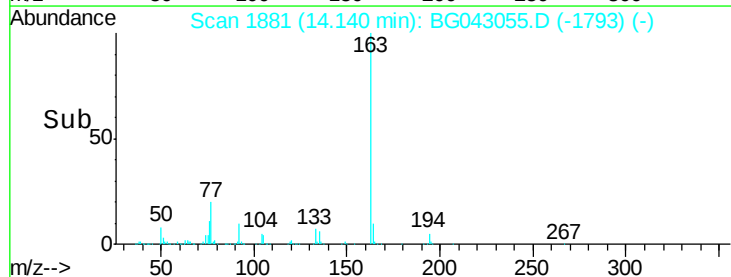
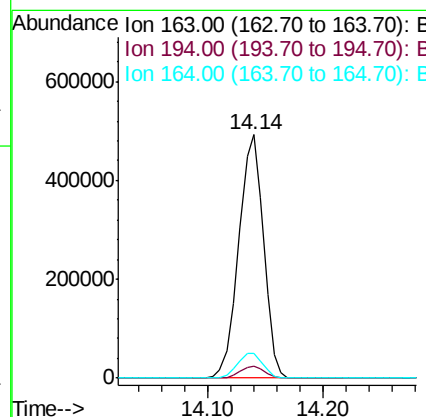
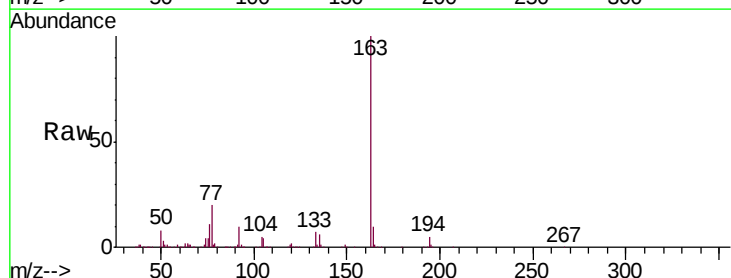
Manual Integrations
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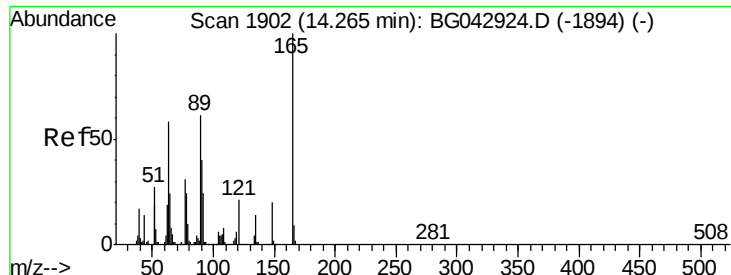
mohammad
10/7/2019 4:39:05 PM



#50
Dimethylphthalate
Concen: 54.182 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt	Ion	Resp	Lower	Upper
163	100			
194	4.8	4.4	6.6	
164	10.4	8.6	12.8	





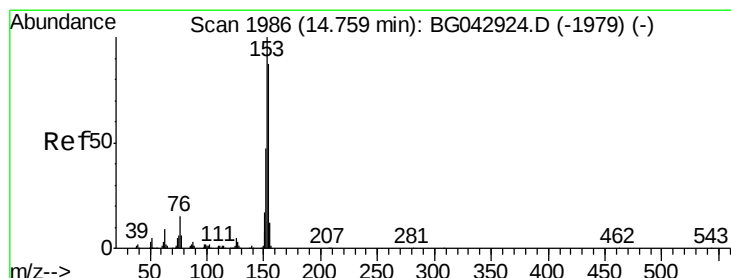
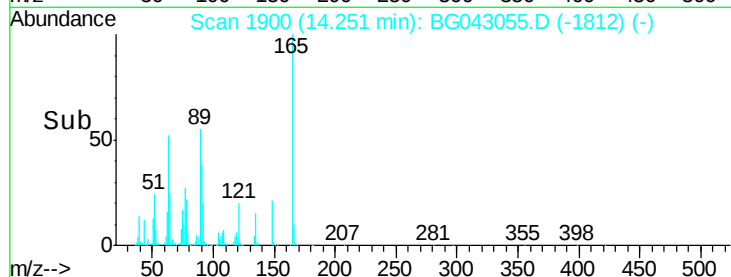
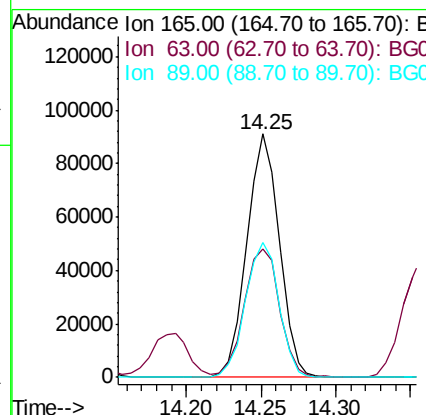
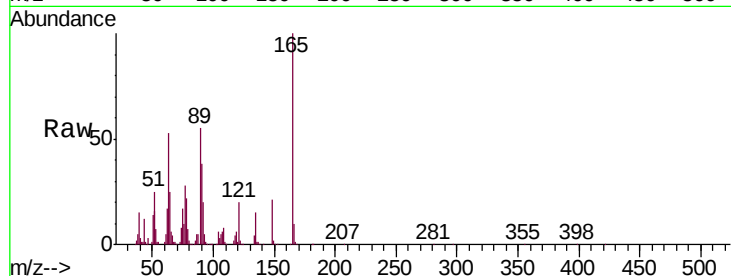
#51
2,6-Dinitrotoluene
Concen: 47.700 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136805		
63	52.9	50.3	75.5	
89	55.3	48.9	73.3	

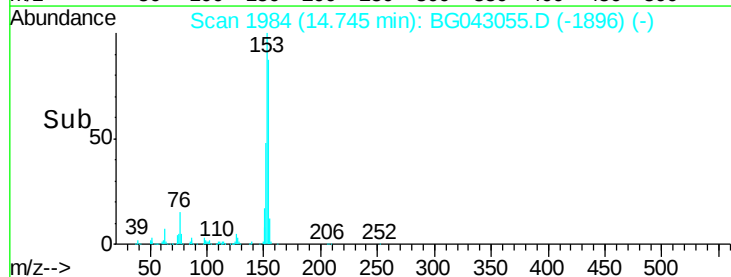
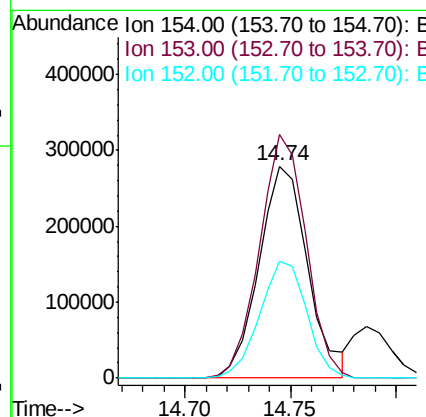
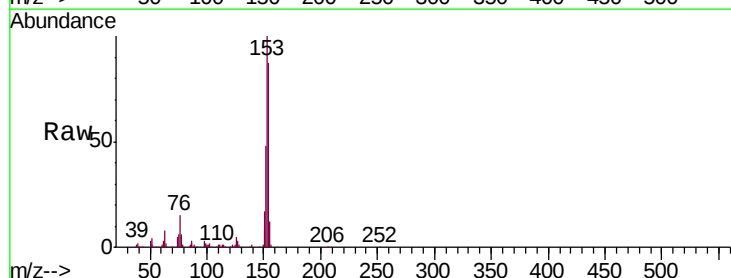
Manual Integrations
APPROVED

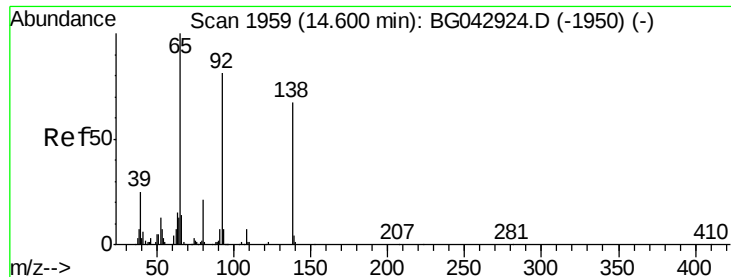
mohammad
10/7/2019 4:39:05 PM



#52
Acenaphthene
Concen: 42.833 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	448340		
153	114.7	91.4	137.0	
152	55.2	42.8	64.2	





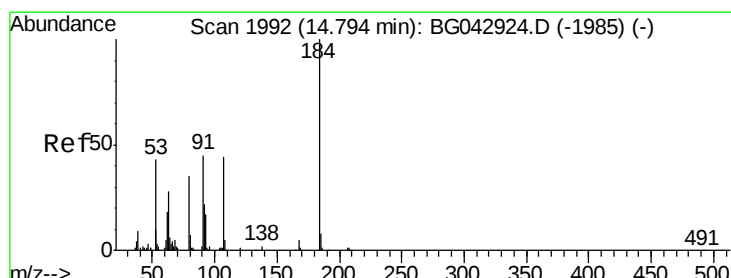
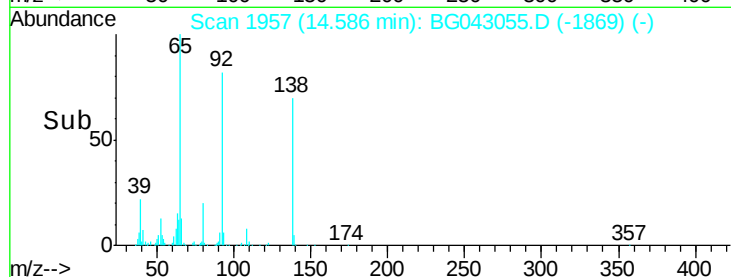
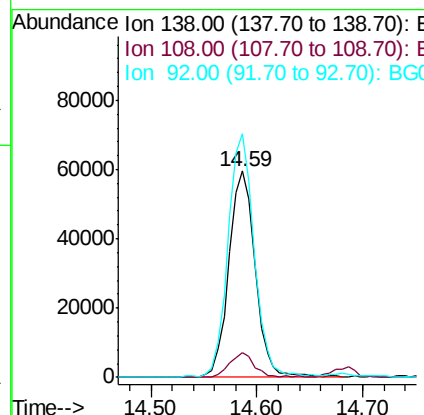
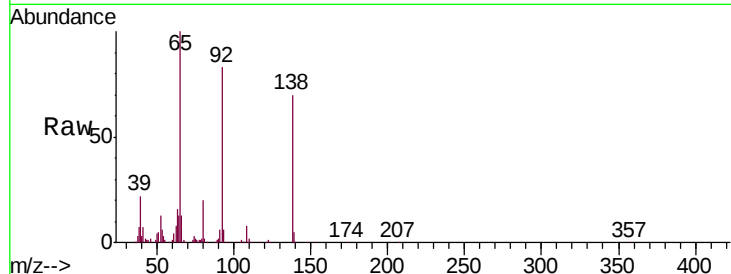
#53
 3-Nitroaniline
 Concen: 34.763 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.9	11.9
92	118.0	97.0	145.6

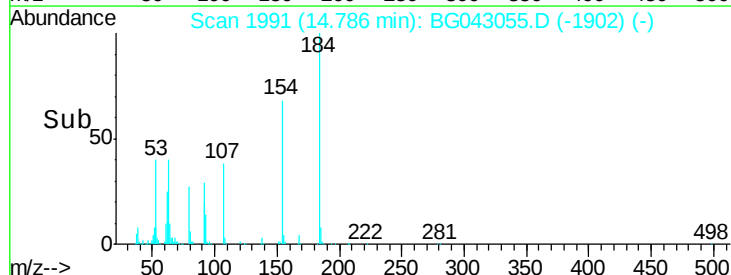
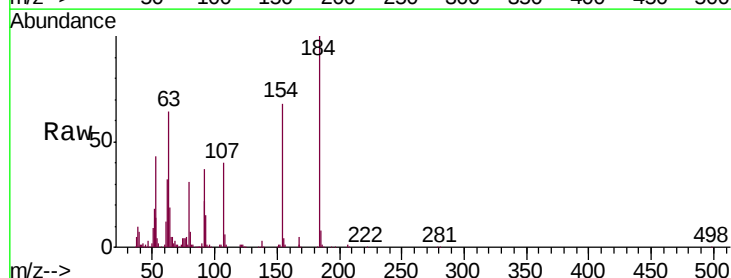
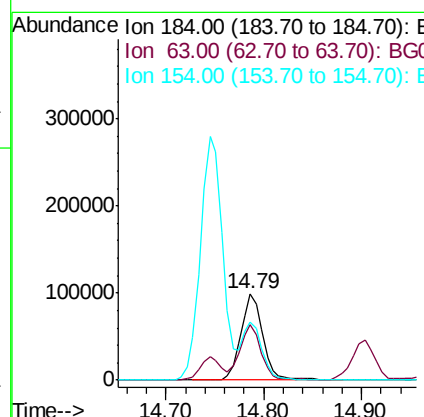
Manual Integrations
 APPROVED

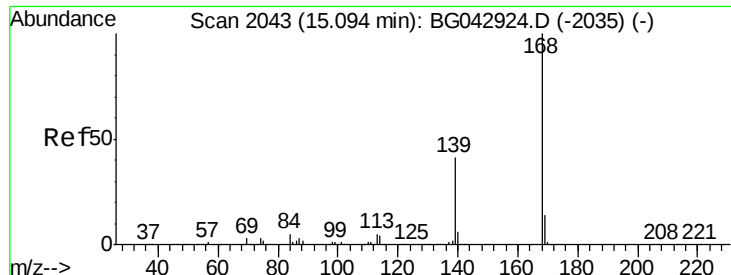
mohammad
 10/7/2019 4:39:05 PM



#54
 2,4-Dinitrophenol
 Concen: 86.667 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	55.0	82.6
154	68.0	56.5	84.7





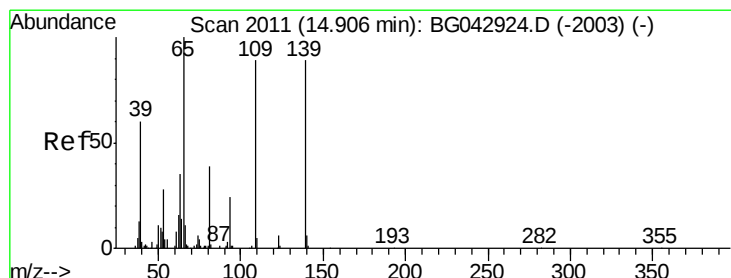
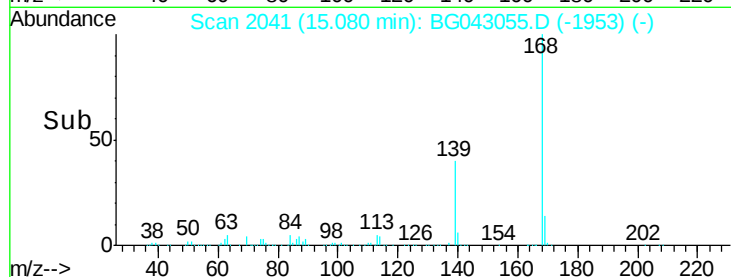
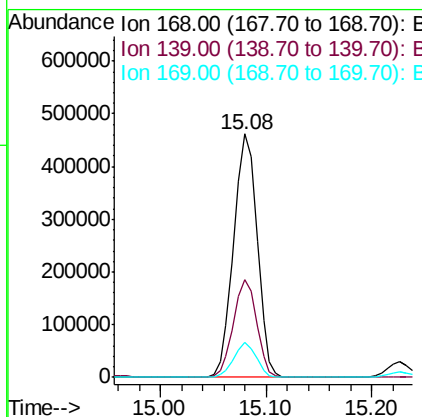
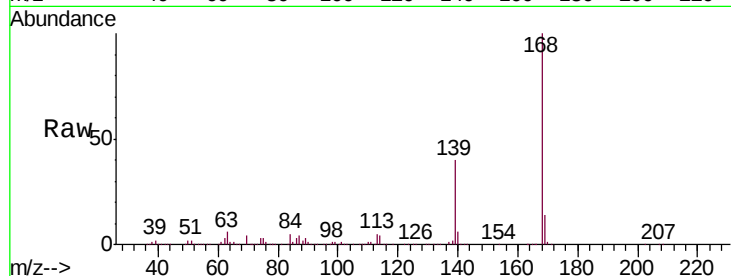
#55
Dibenzofuran
Concen: 45.915 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	710938		
139	40.2	32.6	48.8	
169	14.3	11.2	16.8	

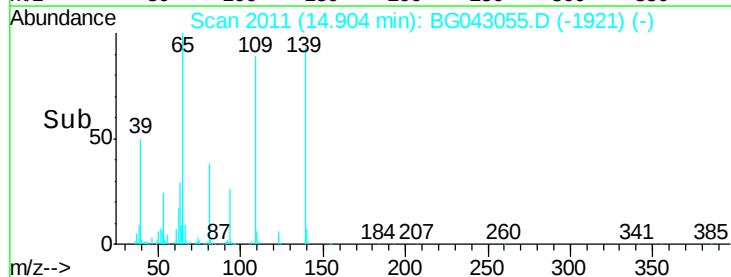
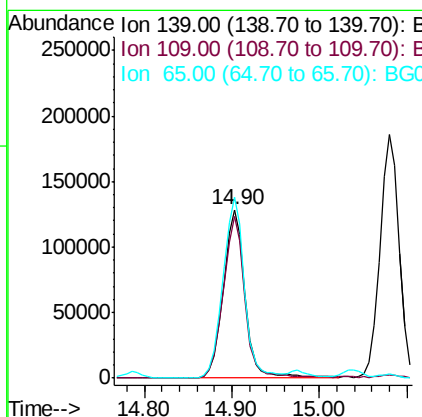
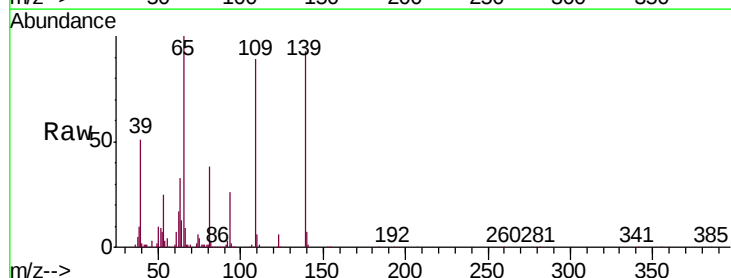
Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:05 PM



#56
4-Nitrophenol
Concen: 97.694 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220629		
109	95.9	79.4	119.4	
65	107.6	92.5	132.5	





#57

2,4-Dinitrotoluene

Concen: 46.527 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

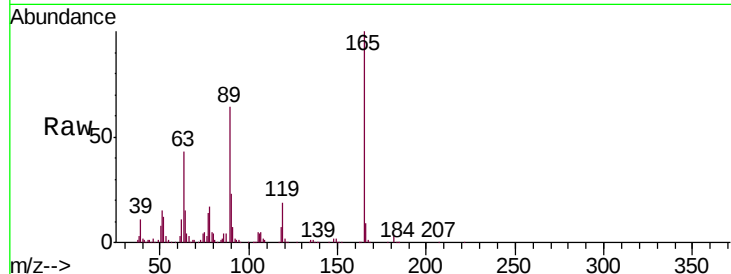
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195412		
63	42.7	36.5	54.7	
89	64.1	55.5	83.3	
182	2.6	2.4	3.6	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:05 PM

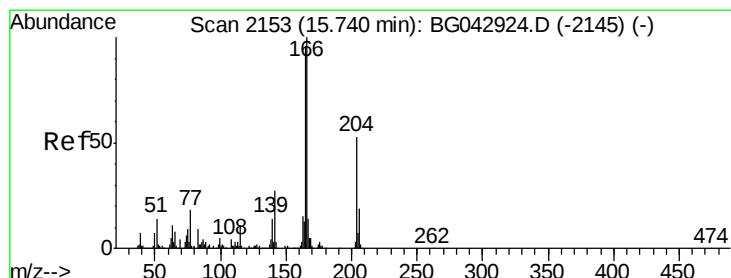
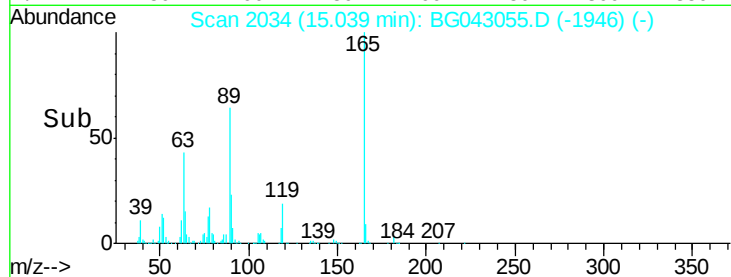
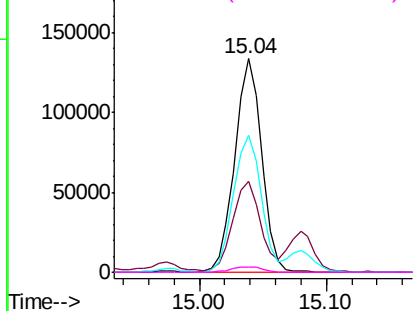


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.210 ng

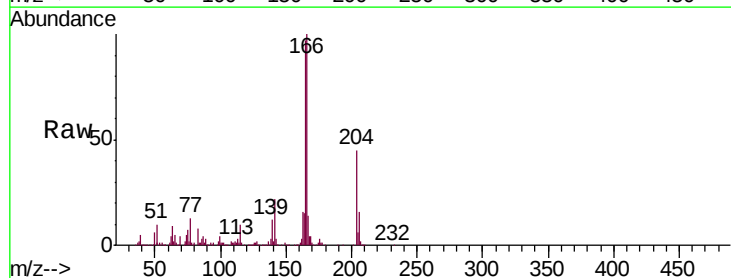
RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

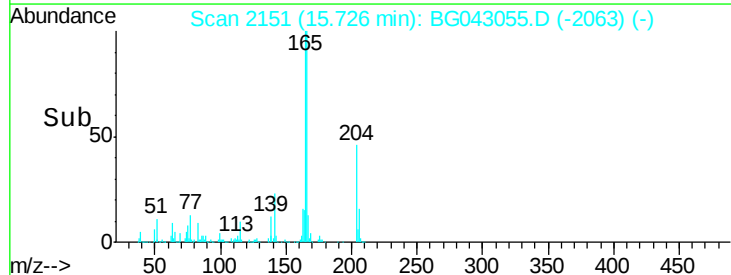
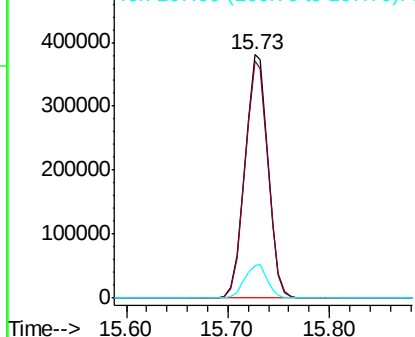
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	597655		
165	97.4	77.1	115.7	
167	13.5	11.0	16.6	

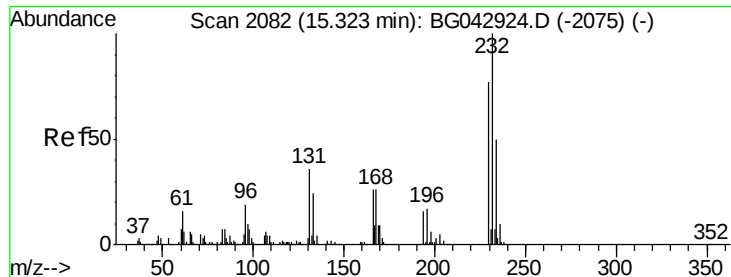


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.935 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

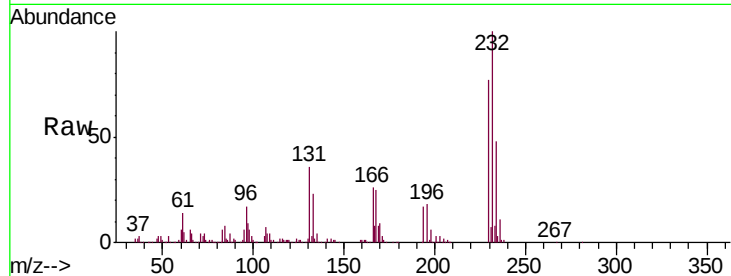
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	199300		
131	36.4	29.6	44.4	
130	2.2	1.9	2.9	
166	27.3	21.8	32.8	

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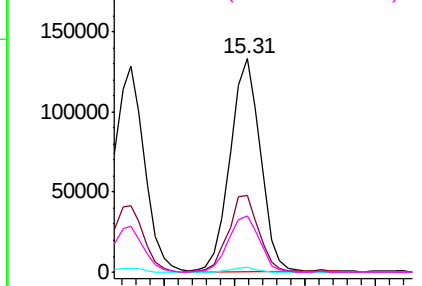


Abundance Ion 232.00 (231.70 to 232.70): E

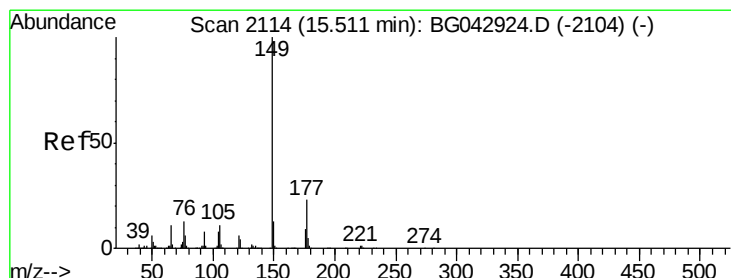
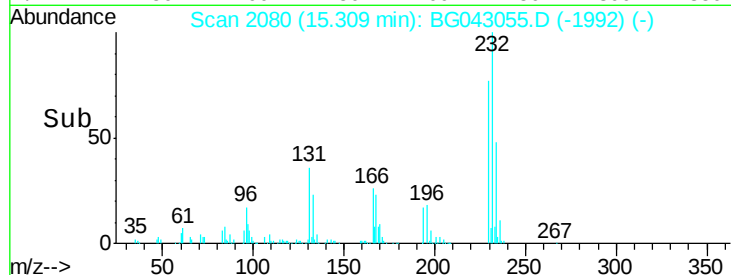
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.912 ng

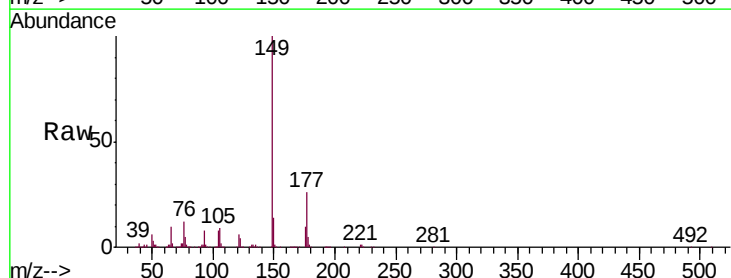
RT: 15.50 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

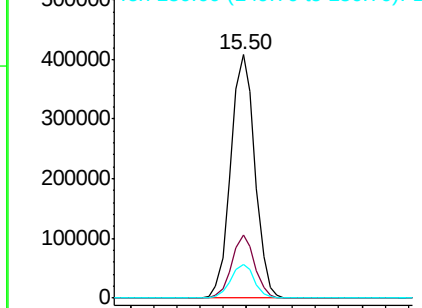
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	588160		
177	25.7	18.8	28.2	
150	13.6	10.6	15.8	



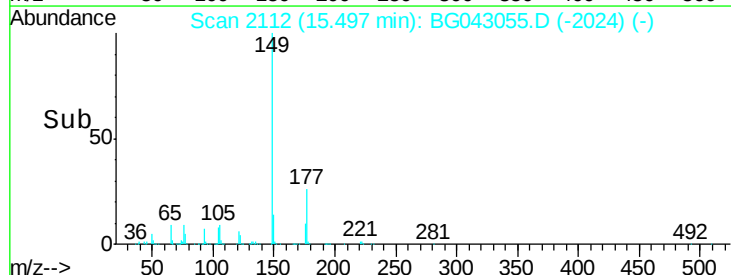
Abundance Ion 149.00 (148.70 to 149.70): E

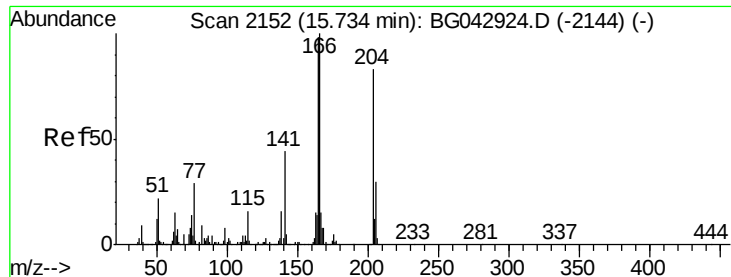
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





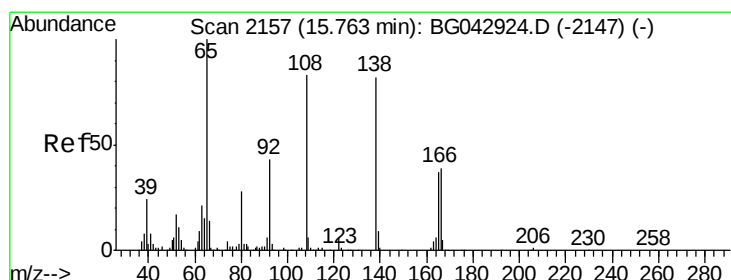
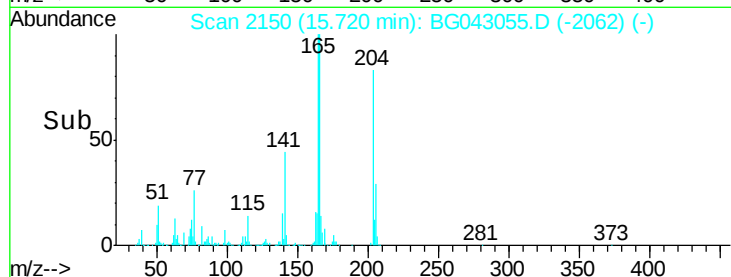
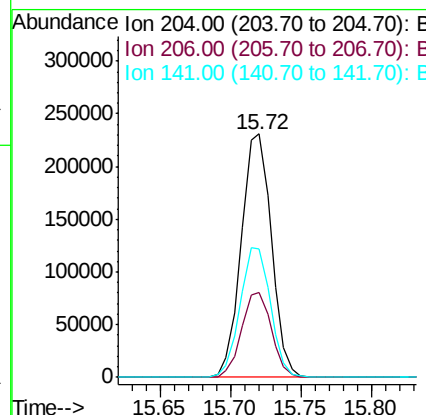
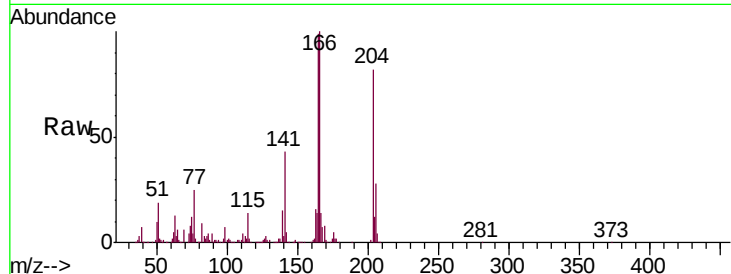
#61
 4-Chlorophenyl-phenylether
 Concen: 43.497 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	344850		
206	34.6	28.5	42.7	
141	52.6	42.4	63.6	

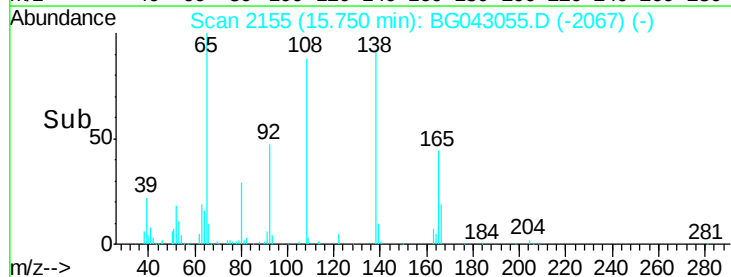
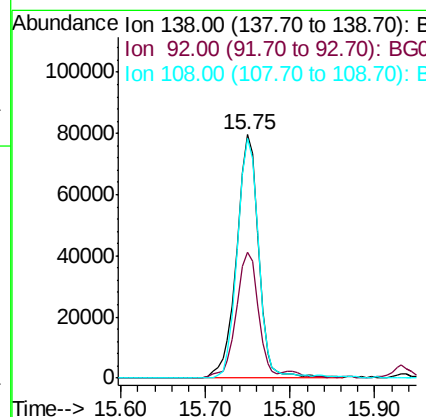
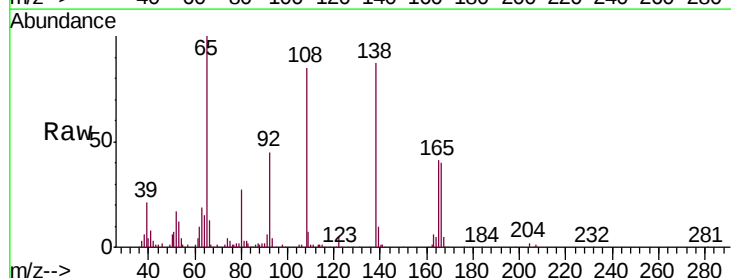
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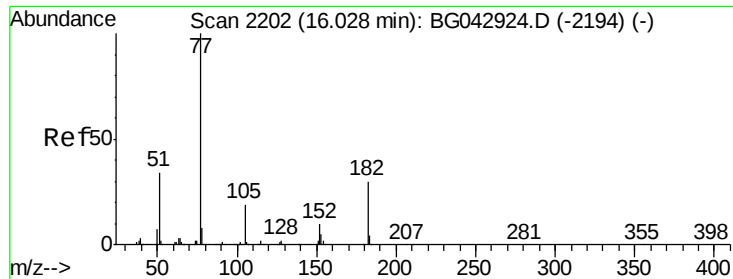
mohammad
 10/7/2019 4:39:05 PM



#62
 4-Nitroaniline
 Concen: 44.171 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142787		
92	51.5	32.9	72.9	
108	98.7	81.3	121.3	





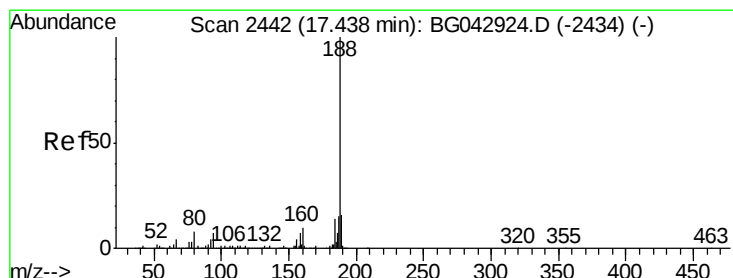
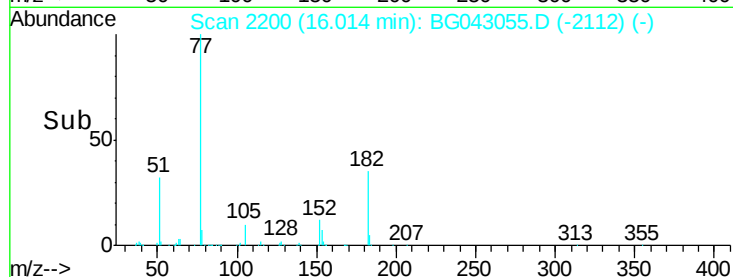
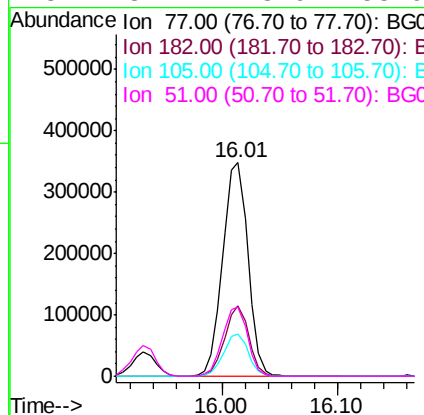
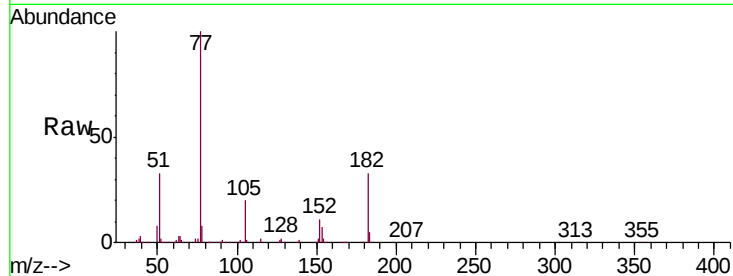
#63
Azobenzene
Concen: 42.263 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.0	10.2	50.2
105	20.0	0.0	39.1
51	32.7	13.9	53.9

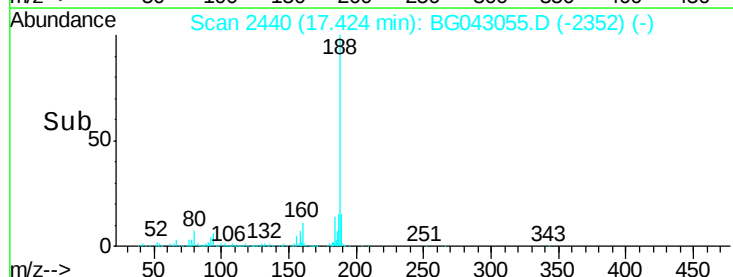
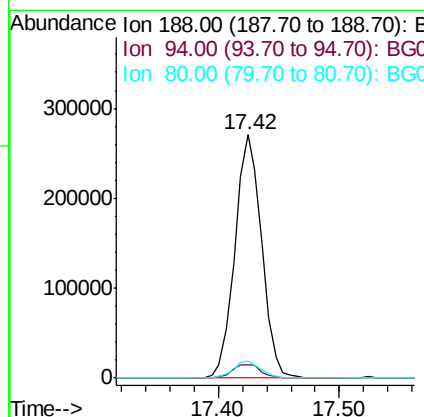
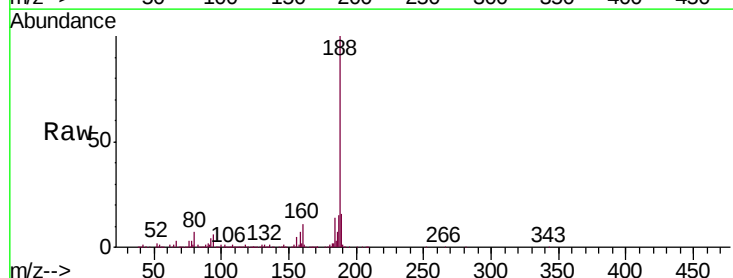
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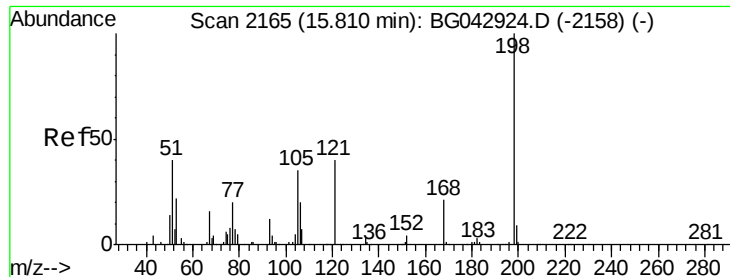
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	6.9	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 49.744 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

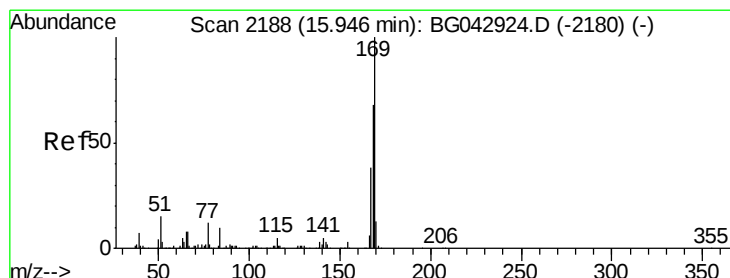
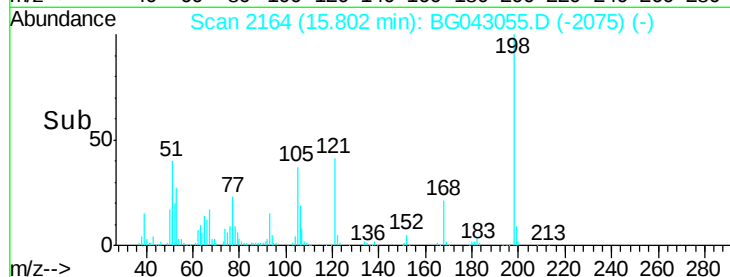
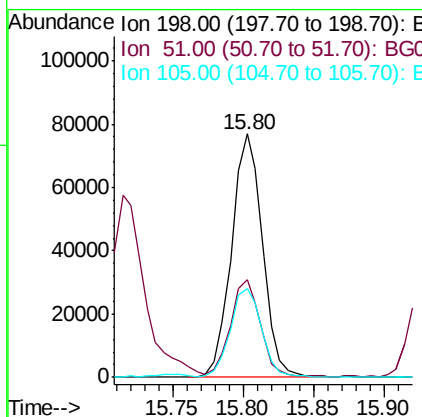
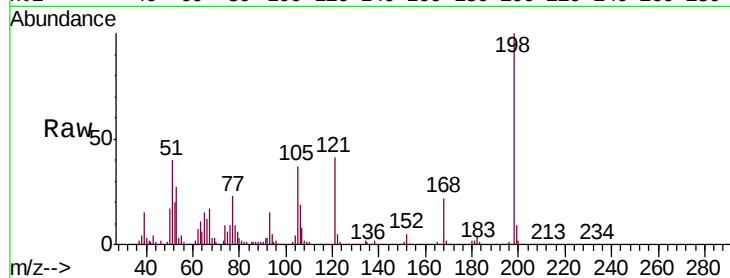
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	198	Resp:	117292
Ion Ratio	Lower	Upper	
198	100		
51	40.2	25.3	65.3
105	36.5	16.6	56.6

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#66

n-Nitrosodiphenylamine

Concen: 47.970 ng

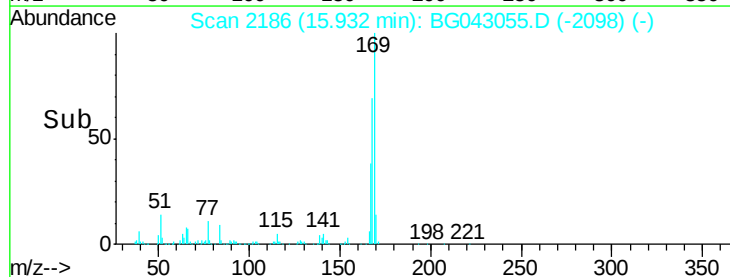
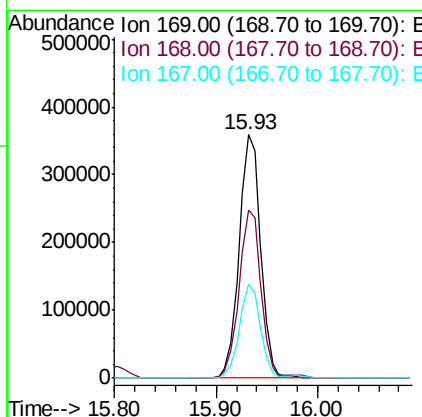
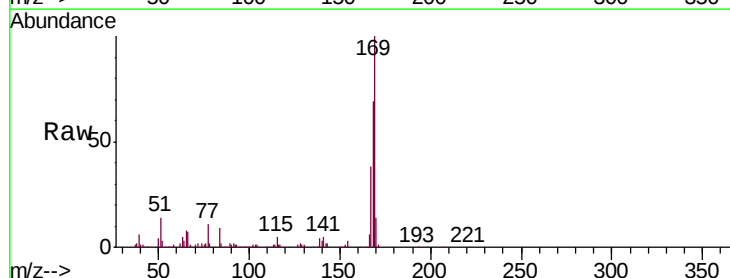
RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	169	Resp:	527675
Ion Ratio	Lower	Upper	
169	100		
168	69.1	54.8	82.2
167	38.3	30.6	46.0





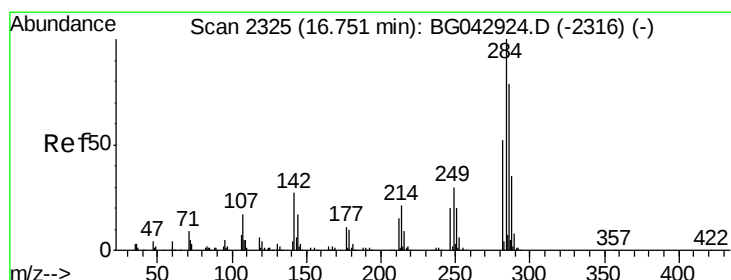
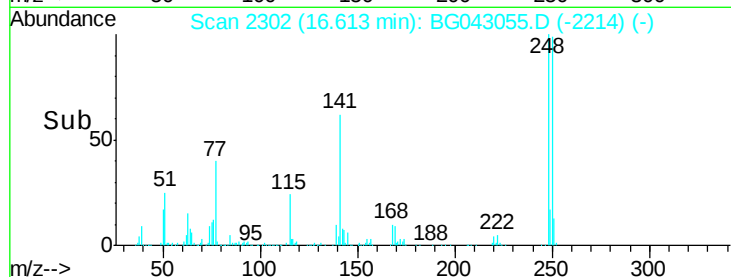
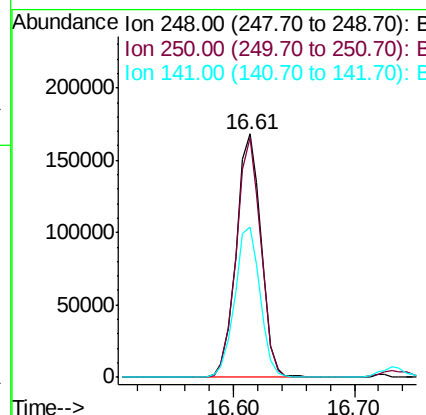
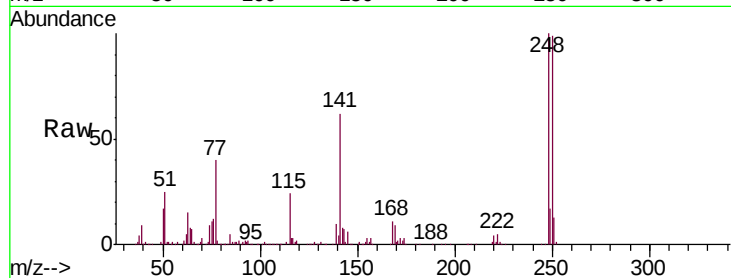
#67
4-Bromophenyl-phenylether
Concen: 46.113 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	241167		
250	98.6	75.8	113.8	
141	61.5	51.1	76.7	

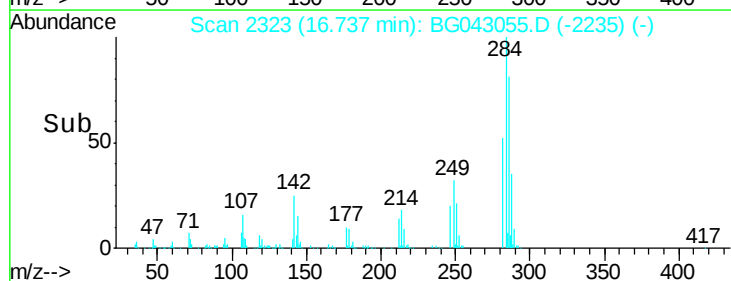
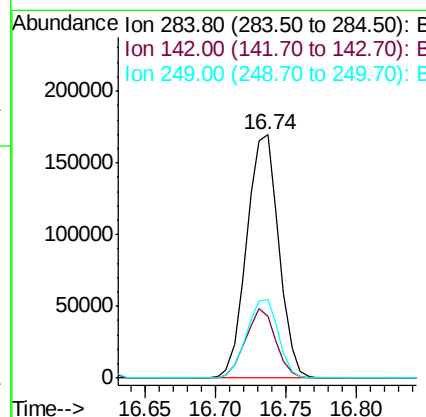
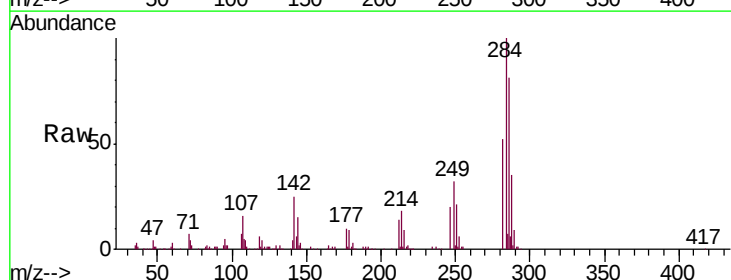
Manual Integrations
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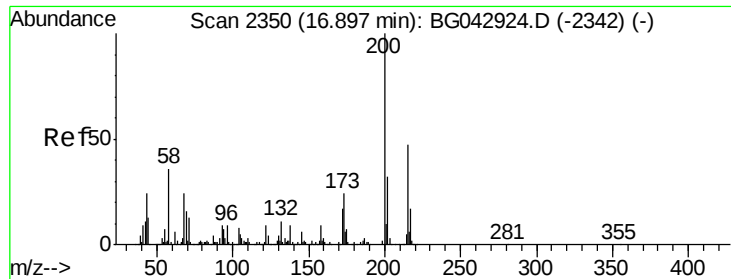
mohammad
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#68
Hexachlorobenzene
Concen: 46.322 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	269739		
142	25.3	21.6	32.4	
249	32.4	24.1	36.1	





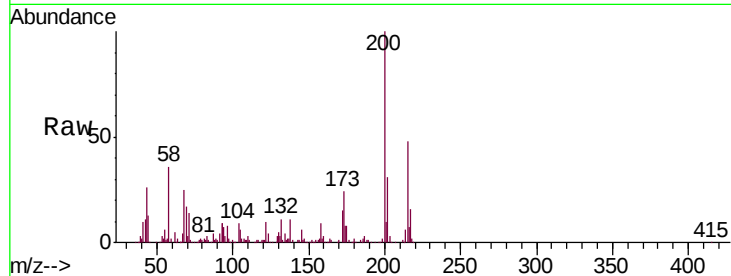
#69
Atrazine
Concen: 44.389 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

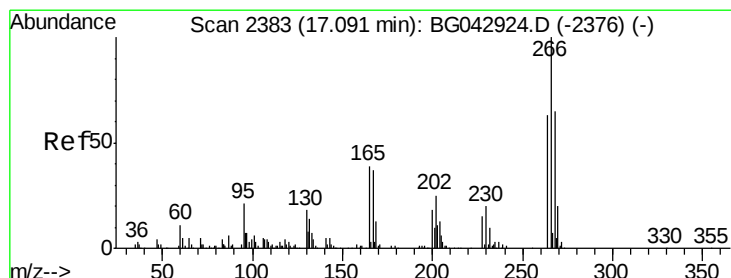
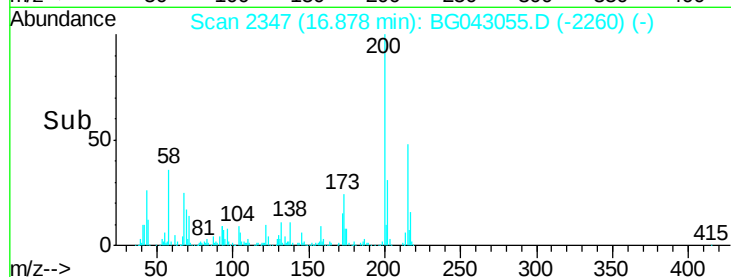
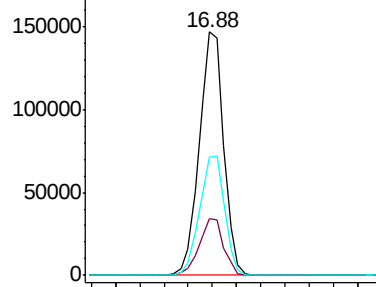
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.6	4.0	44.0
215	48.5	27.4	67.4

Manual Integrations
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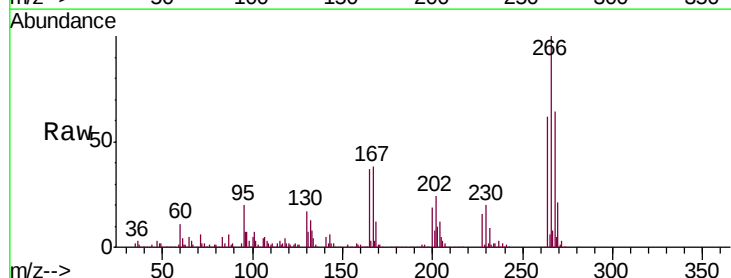


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

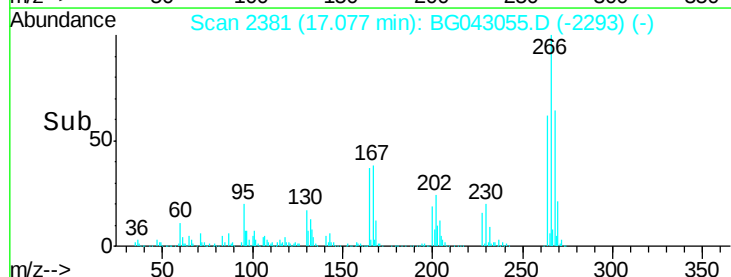
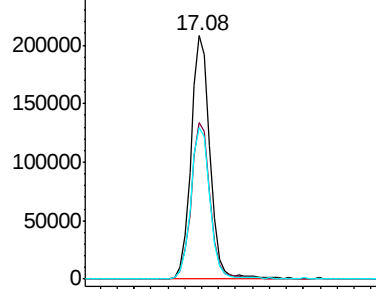


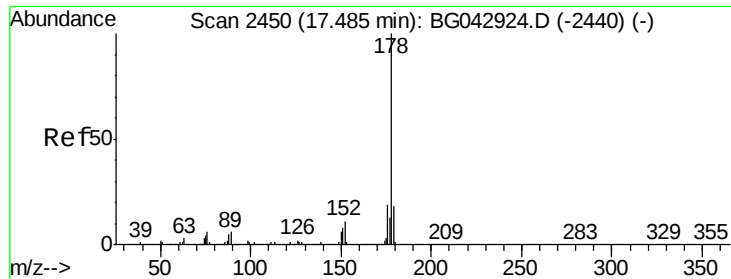
#70
Pentachlorophenol
Concen: 97.143 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	52.2	78.2
264	62.4	50.7	76.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





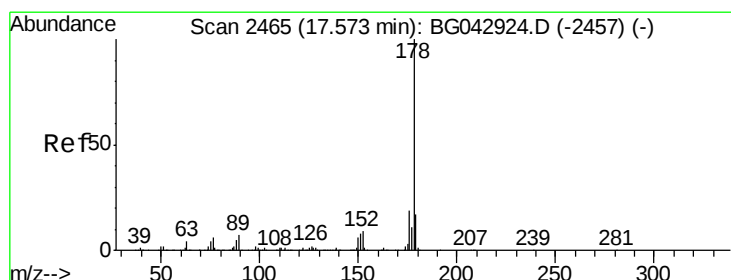
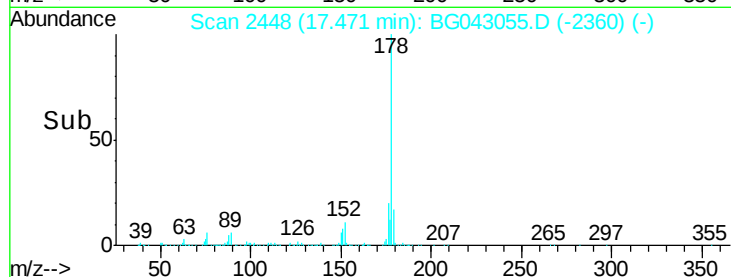
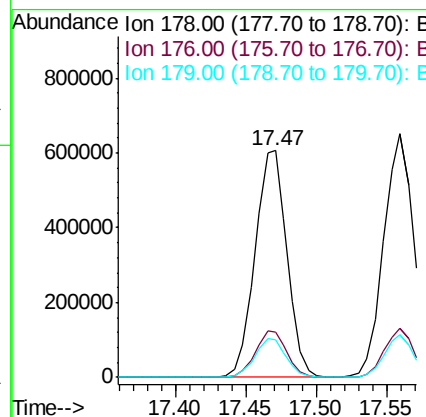
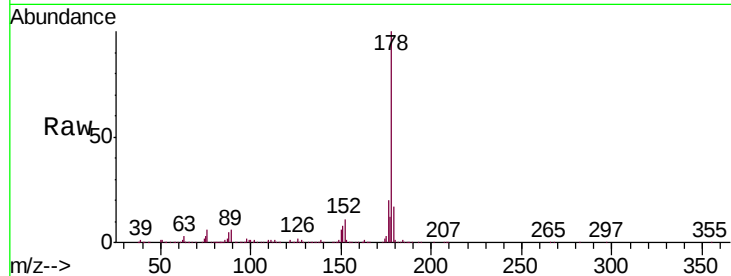
#71
Phenanthrene
Concen: 47.243 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	16.8	14.1	21.1

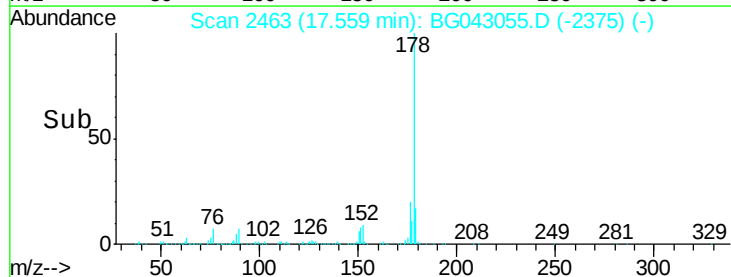
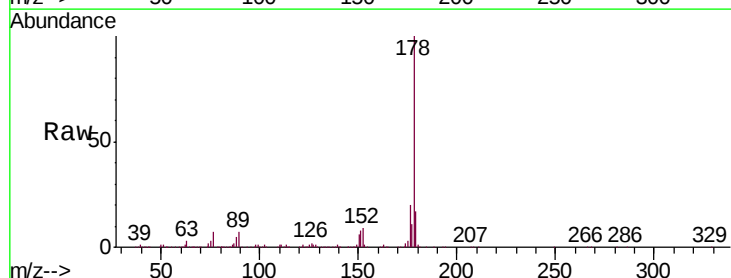
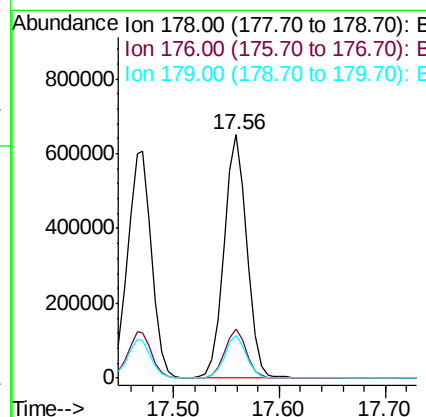
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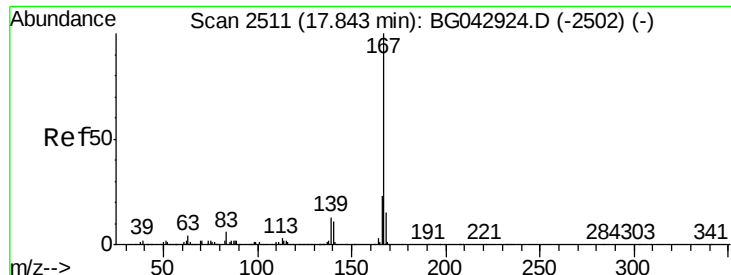
mohammad
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#72
Anthracene
Concen: 47.933 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	17.3	13.5	20.3





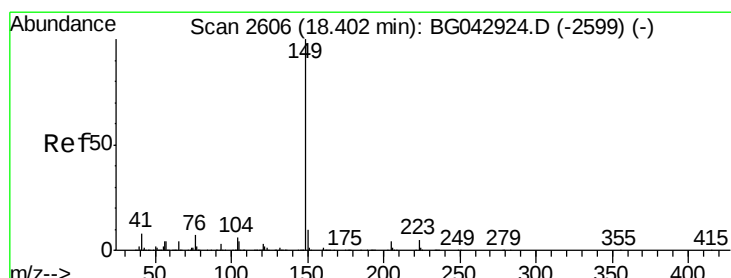
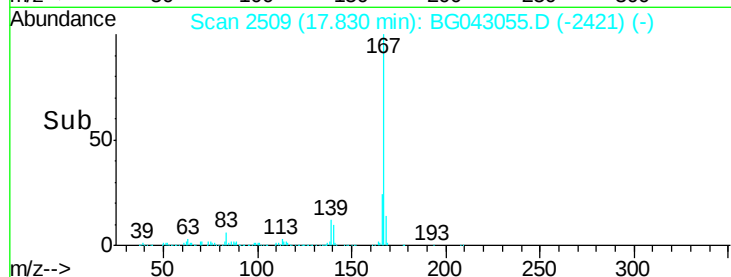
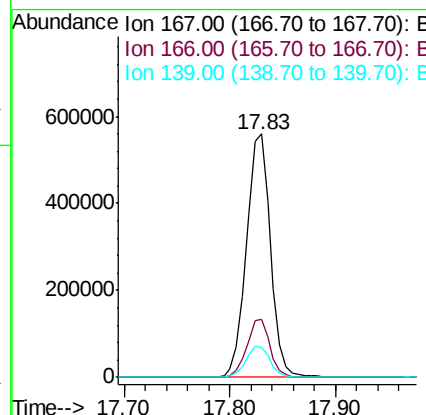
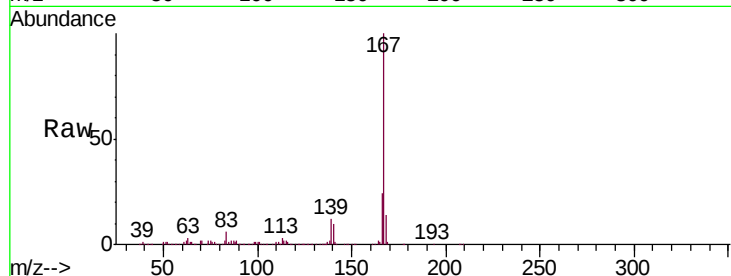
#73
 Carbazole
 Concen: 46.765 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	880715		
166	23.6		18.6	28.0
139	12.5		10.8	16.2

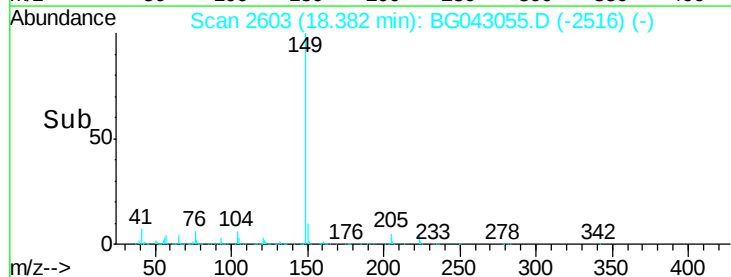
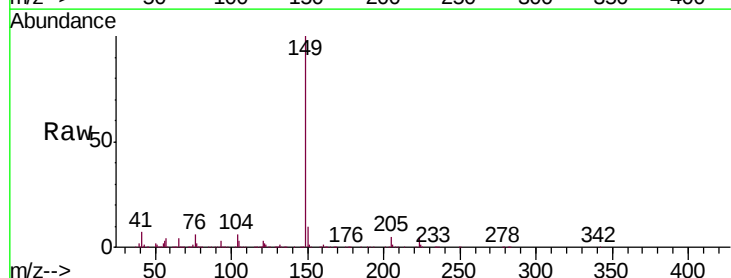
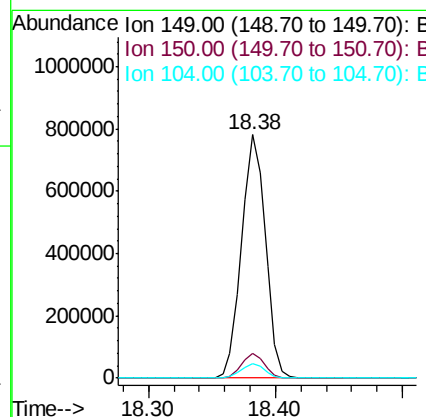
Manual Integrations
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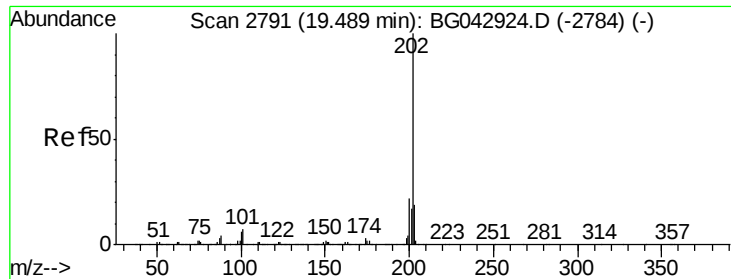
mohammad
 10/7/2019 4:39:05 PM



#74
 Di-n-butylphthalate
 Concen: 45.128 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1014009		
150	10.0		7.7	11.5
104	6.1		5.0	7.6





#75

Fluoranthene

Concen: 48.102 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

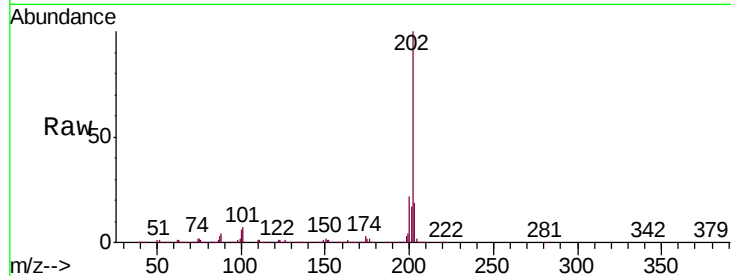
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

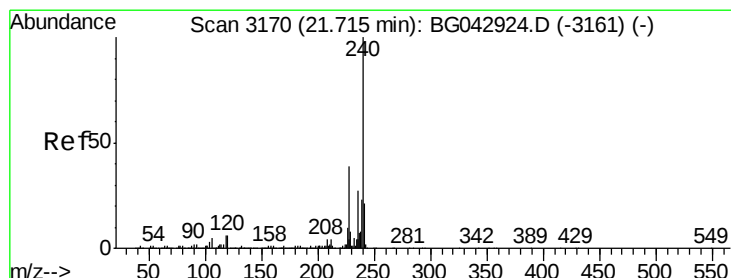
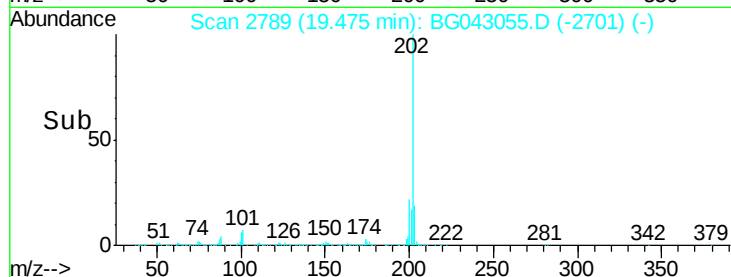
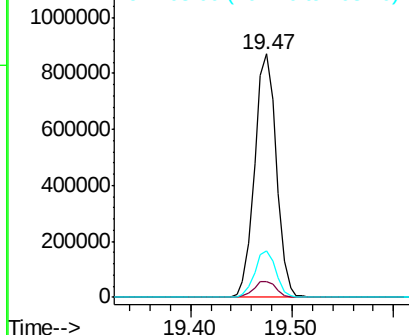
Tgt	Ion:202	Resp:	1294300
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.3
203	19.1	0.0	39.5

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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



#76

Chrysene-d12

Concen: 20.000 ng

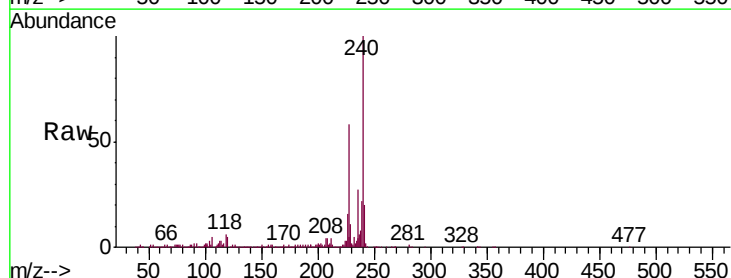
RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

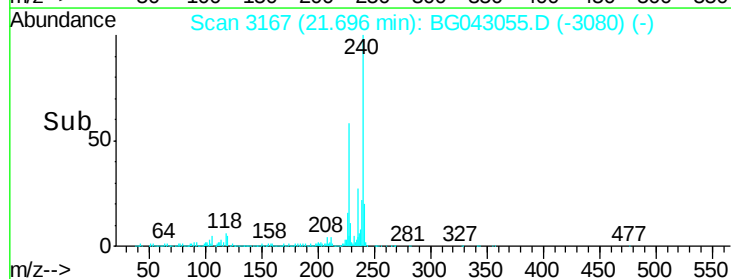
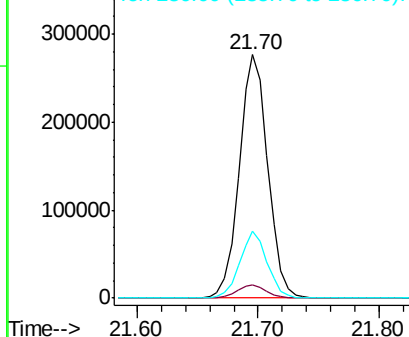
Lab File: BG043055.D

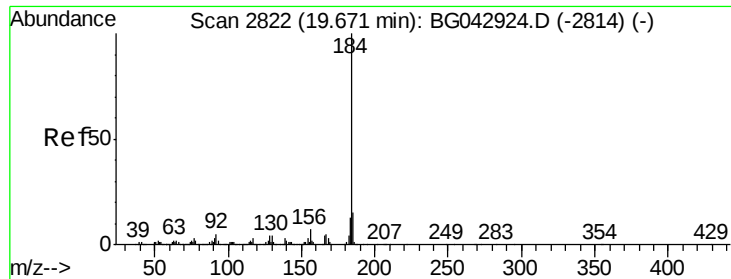
Acq: 5 Oct 2019 14:54

Tgt	Ion:240	Resp:	453121
Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	27.4	21.4	32.0



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





#77

Benzidine

Concen: 54.382 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

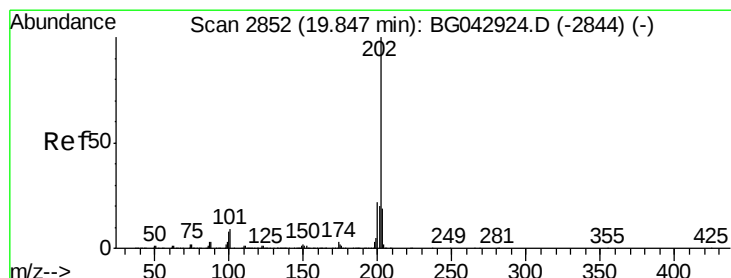
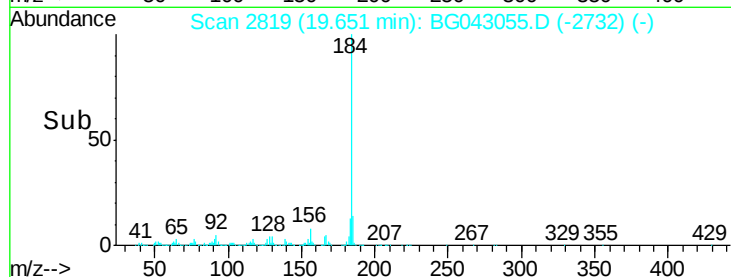
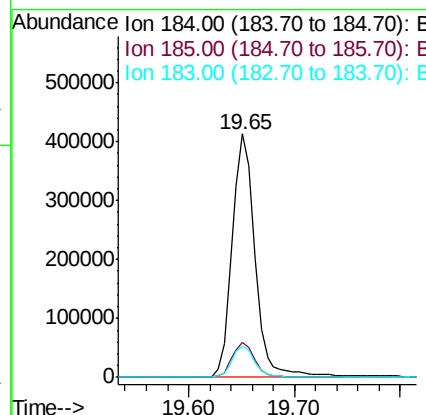
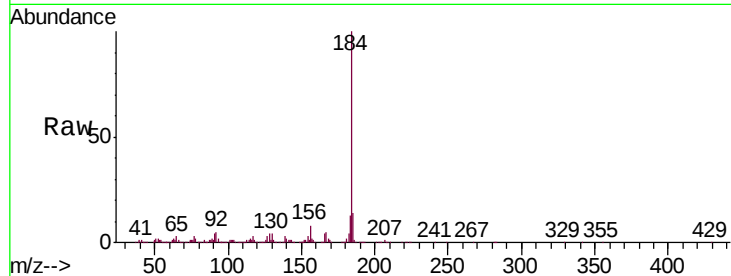
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	184	Resp:	617007
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	13.0	10.1	15.1

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#78

Pyrene

Concen: 47.920 ng

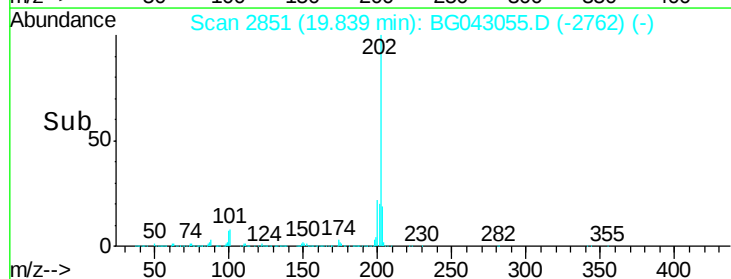
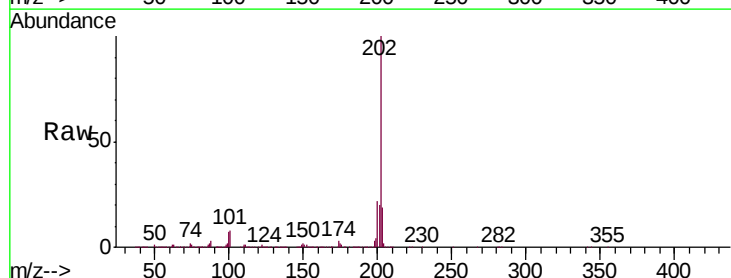
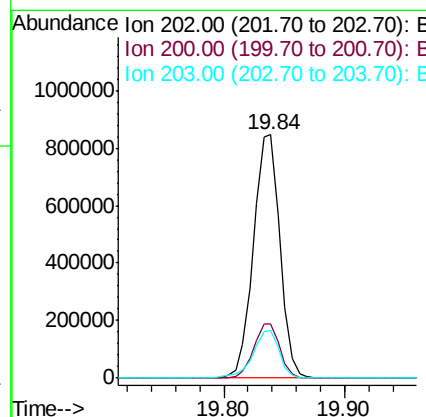
RT: 19.84 min Scan# 2851

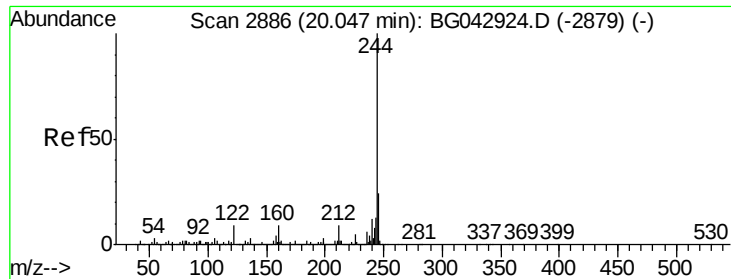
Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	202	Resp:	1296008
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 70.108 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

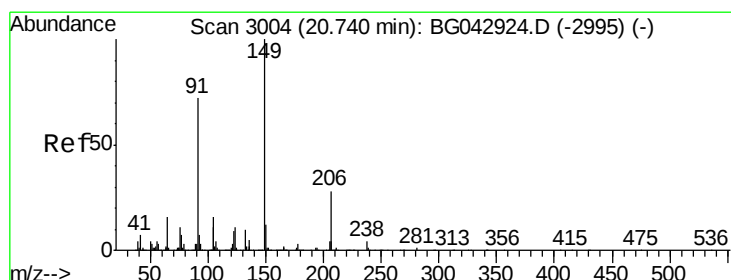
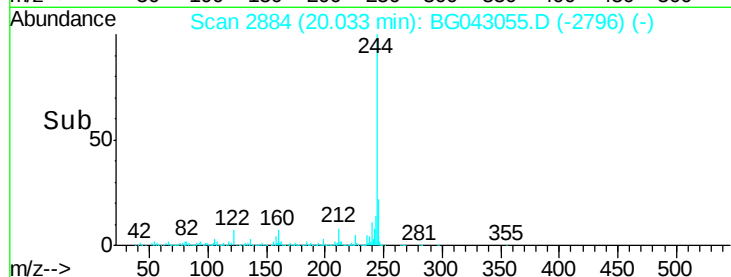
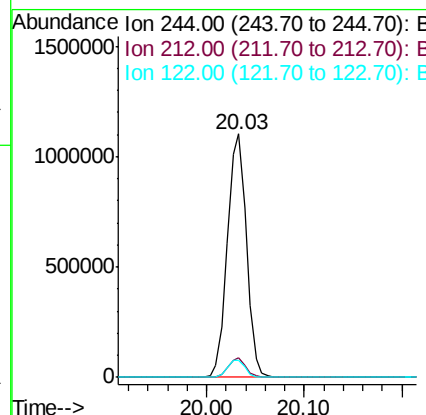
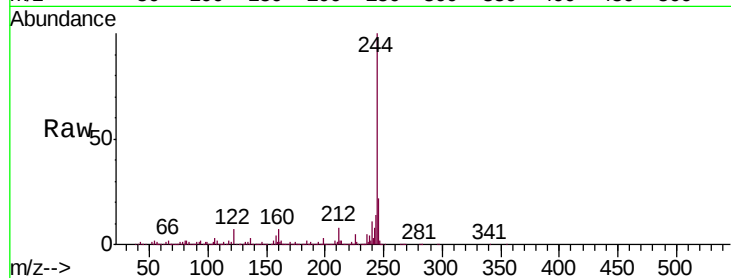
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	244	Resp:	1490804
Ion Ratio	Lower	Upper	
244	100		
212	7.9	7.4	11.0
122	7.0	7.0	10.4

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#80

Butylbenzylphthalate

Concen: 46.654 ng

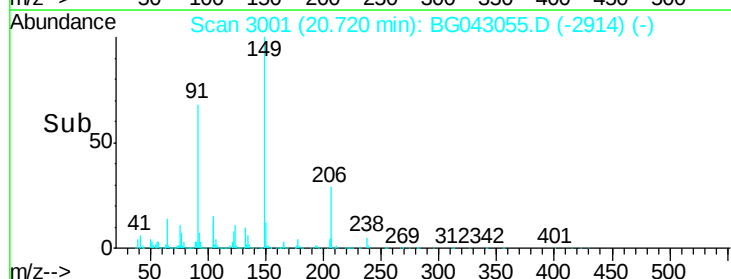
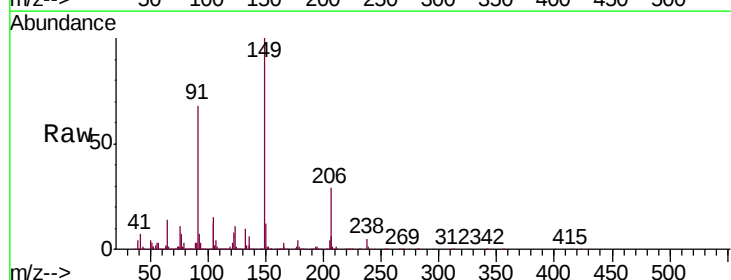
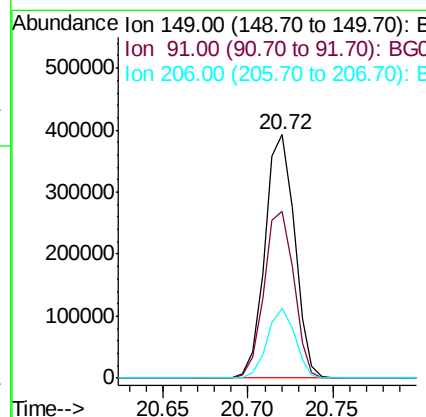
RT: 20.72 min Scan# 3001

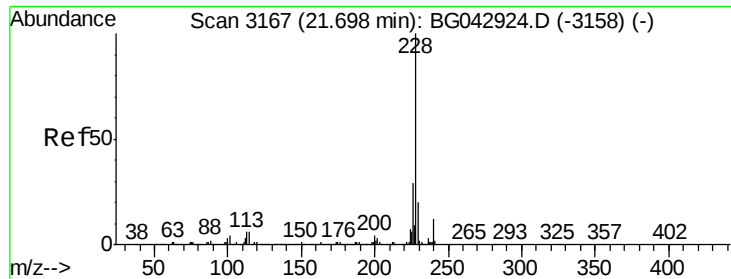
Delta R.T. -0.02 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	149	Resp:	478937
Ion Ratio	Lower	Upper	
149	100		
91	68.4	57.7	86.5
206	28.6	22.6	33.8





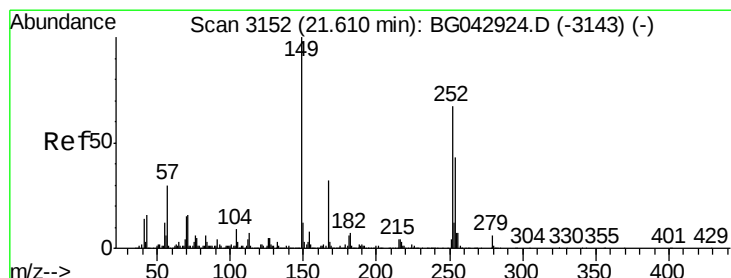
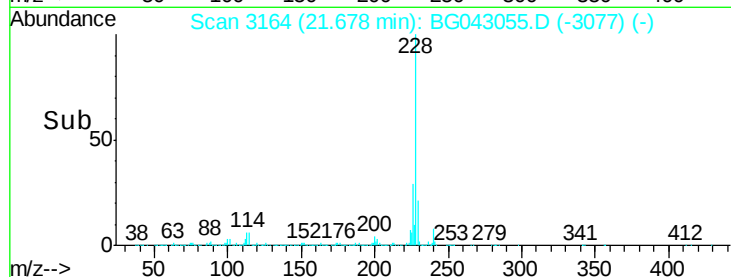
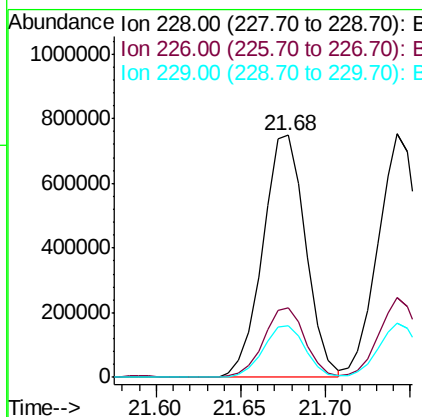
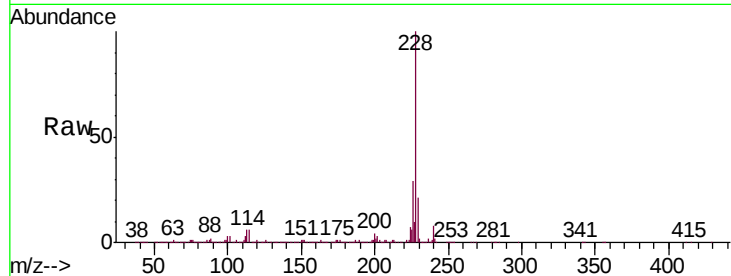
#81
Benzo(a)anthracene
Concen: 46.697 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	21.4	16.3	24.5

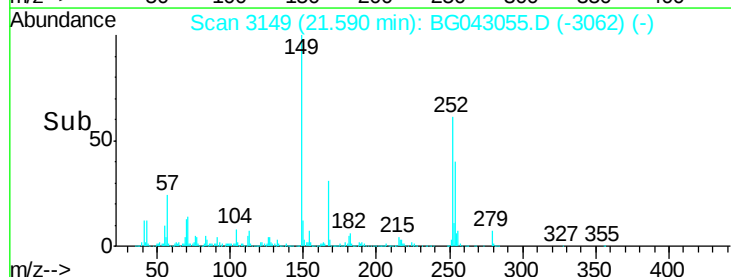
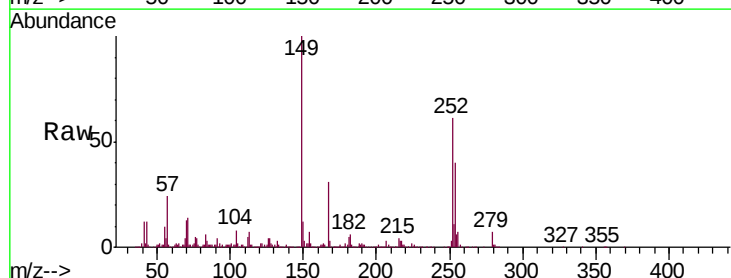
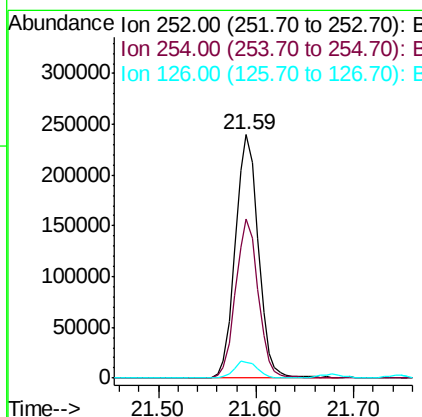
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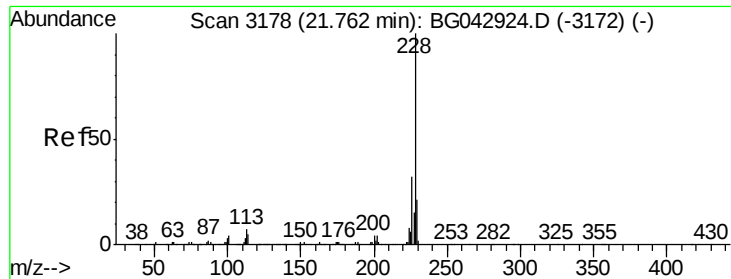
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.620 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	6.4	6.1	9.1





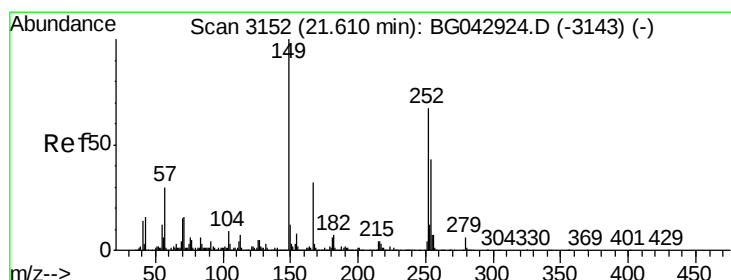
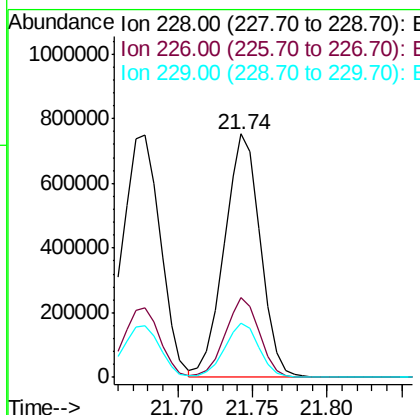
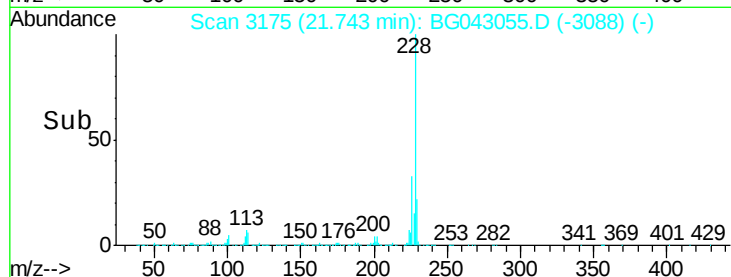
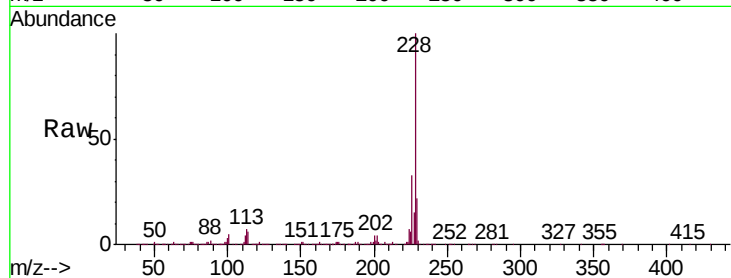
#83
 Chrysene
 Concen: 46.002 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.6	38.4
229	22.2	16.9	25.3

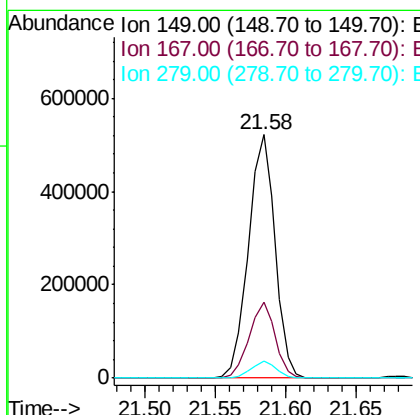
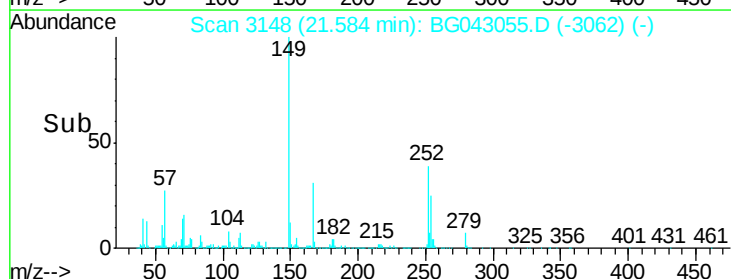
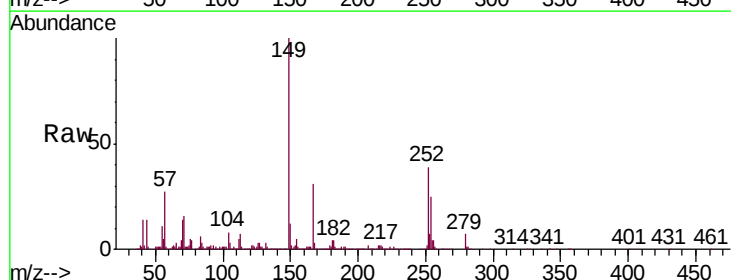
Manual Integrations
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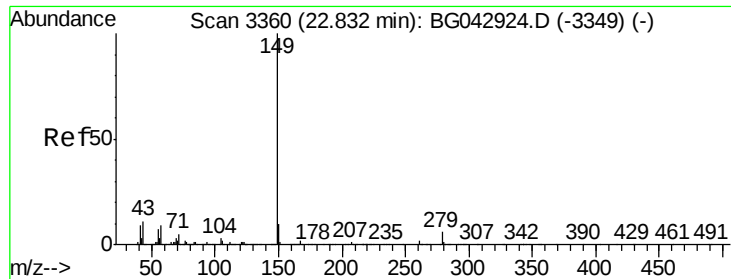
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.269 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.03 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	25.4	38.2
279	6.8	5.1	7.7





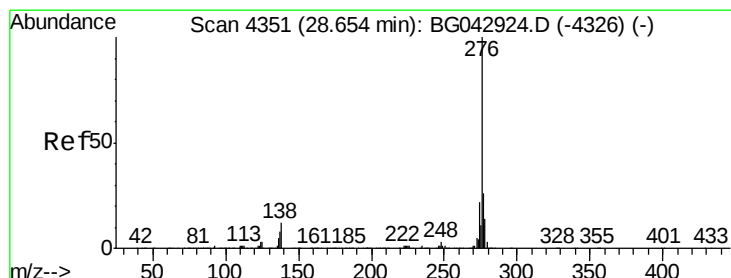
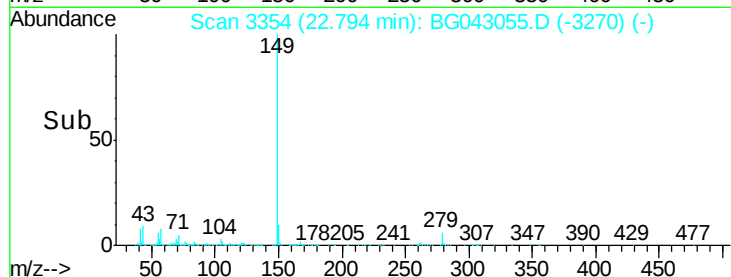
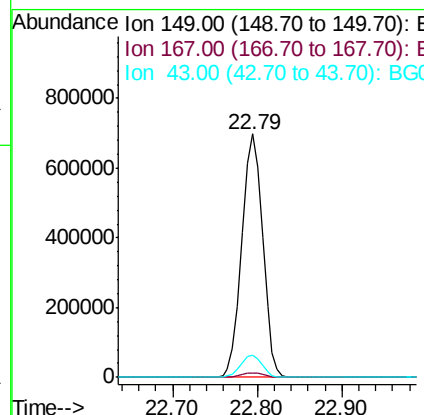
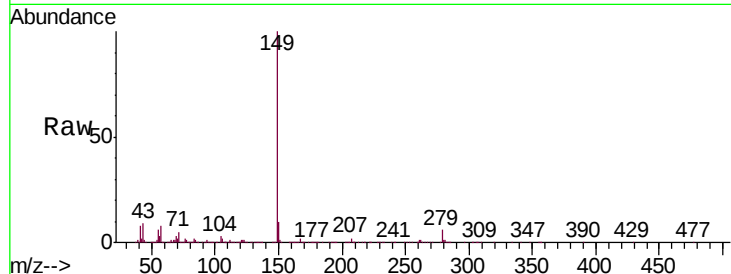
#85
Di-n-octyl phthalate
Concen: 49.651 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.2	8.7	13.1

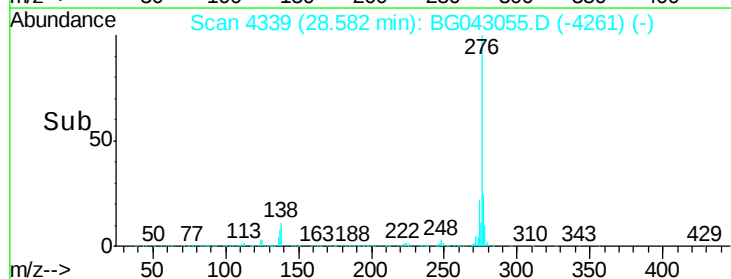
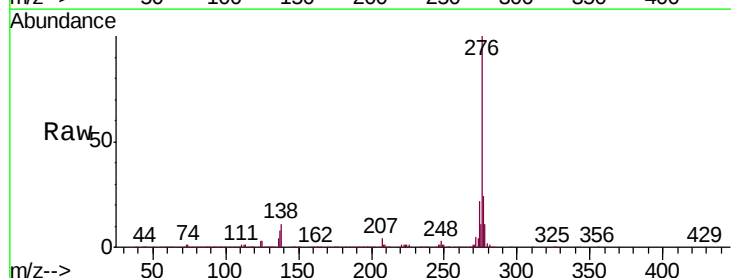
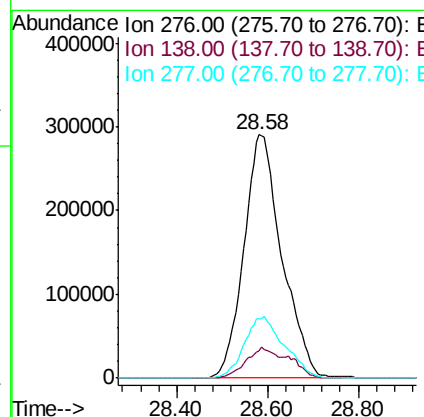
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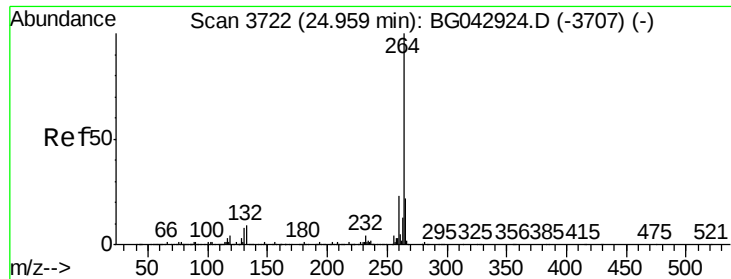
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.557 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.0	7.0	10.6
277	26.5	20.9	31.3





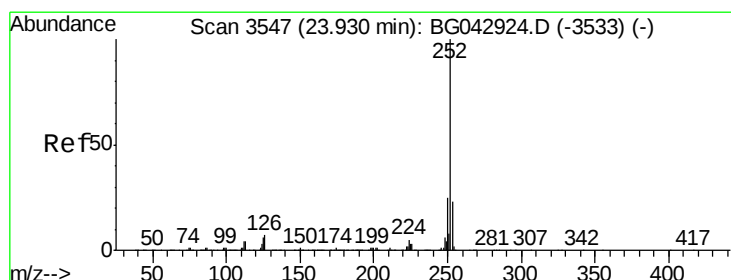
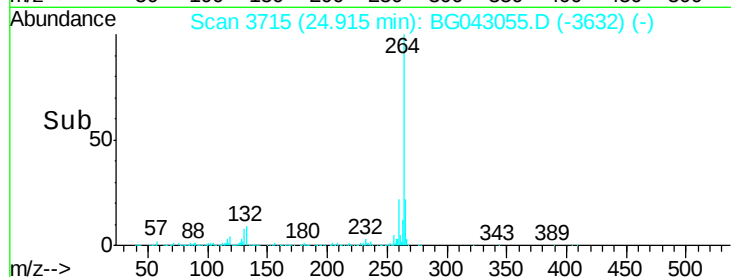
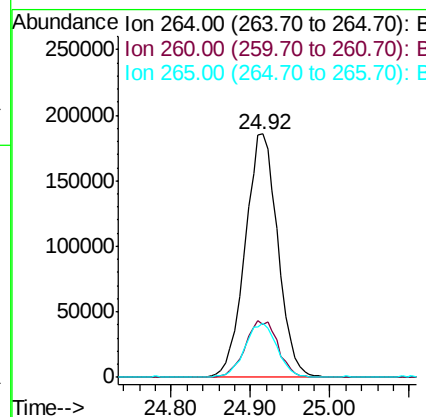
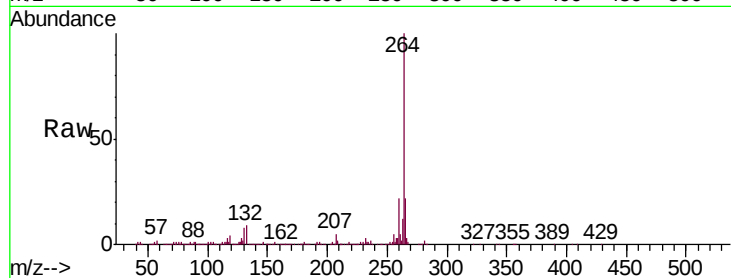
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. -0.04 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	22.3	17.7	26.5

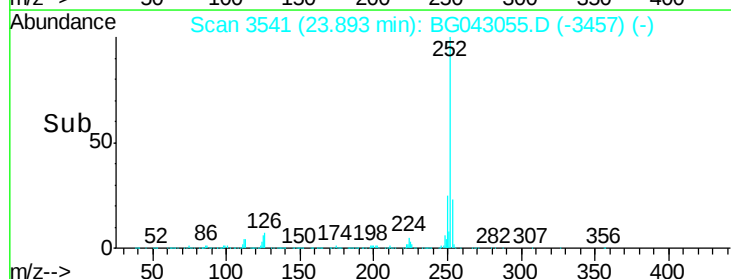
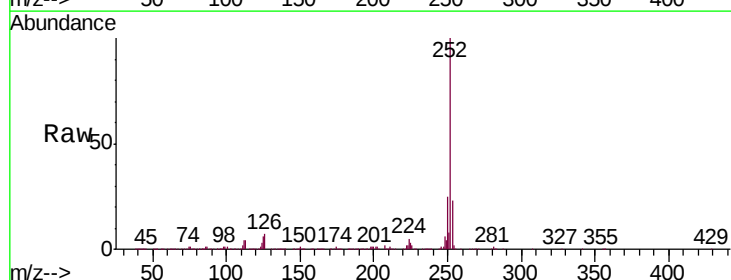
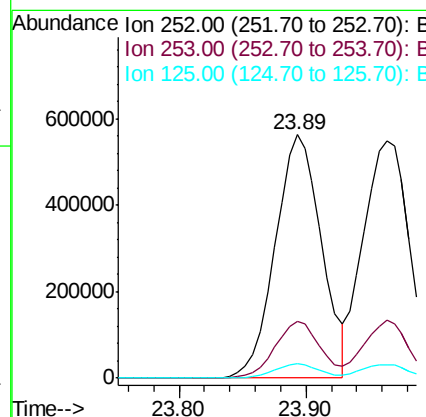
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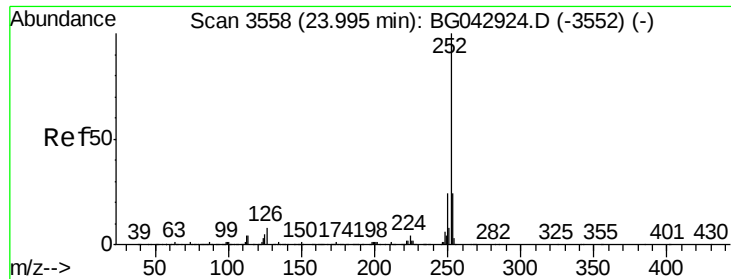
mohammad
 10/7/2019 4:39:05 PM



#88
 Benzo(b)fluoranthene
 Concen: 47.483 ng
 RT: 23.89 min Scan# 3541
 Delta R.T. -0.04 min
 Lab File: BG043055.D
 Acq: 5 Oct 2019 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.9	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 46.491 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Instrument :

BNA_G

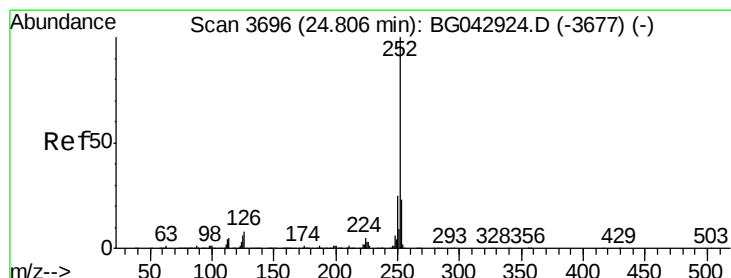
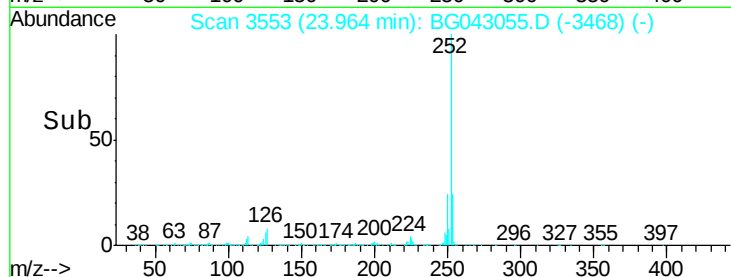
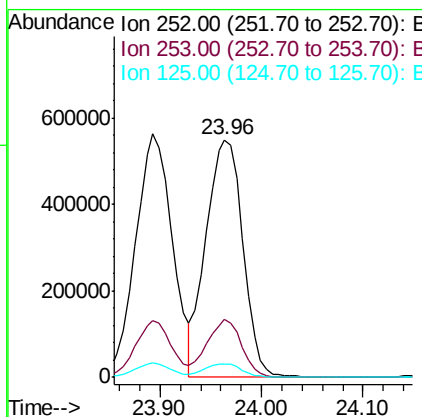
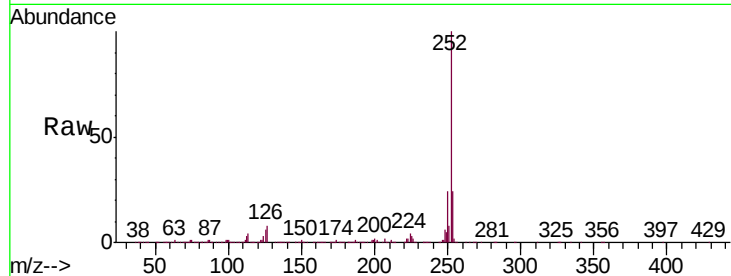
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	252	Resp:	1381657
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.9	28.3
125	5.5	4.5	6.7

Manual Integrations
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10/7/2019 4:39:05 PM



#90

Benzo(a)pyrene

Concen: 49.428 ng

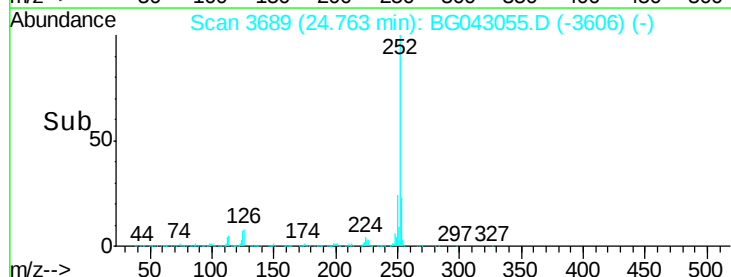
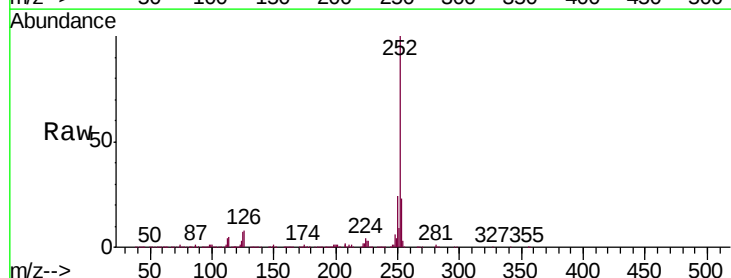
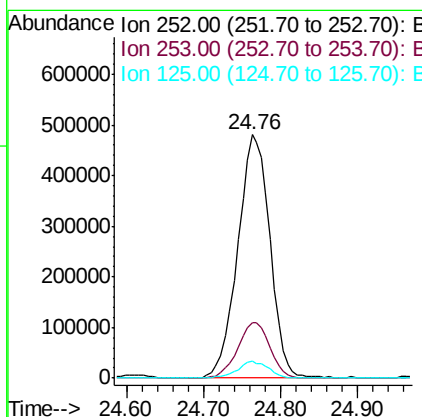
RT: 24.76 min Scan# 3689

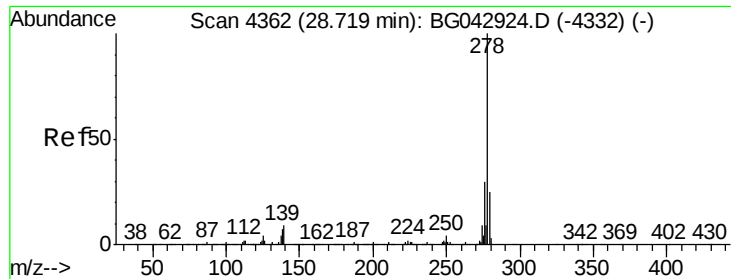
Delta R.T. -0.04 min

Lab File: BG043055.D

Acq: 5 Oct 2019 14:54

Tgt Ion:	252	Resp:	1400921
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.4
125	6.8	5.0	7.6





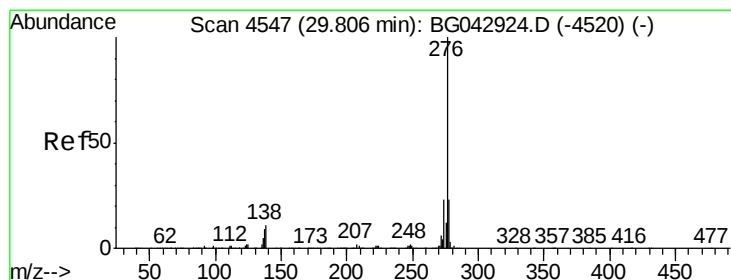
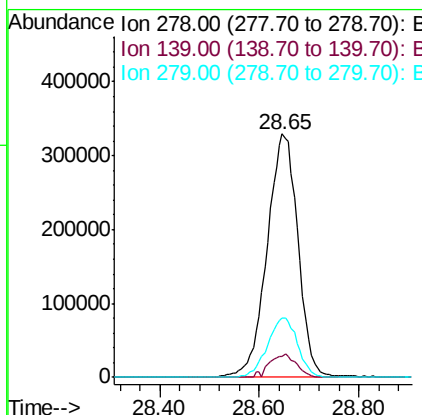
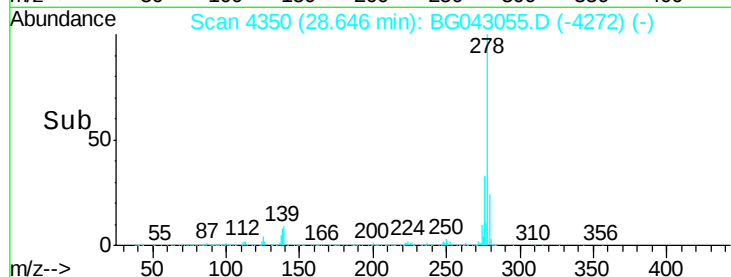
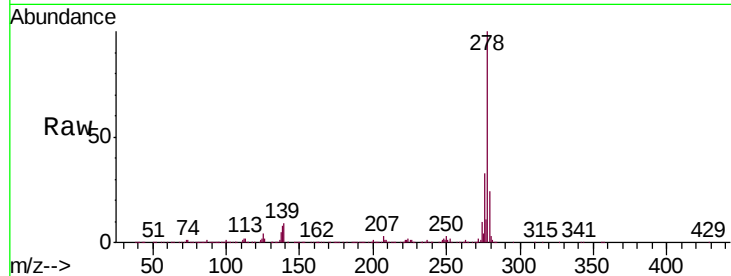
#91
Dibenzo(a,h)anthracene
Concen: 48.702 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion:278 Resp: 1415427
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 24.1 20.1 30.1

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:05 PM



#92
Benzo(g,h,i)perylene
Concen: 49.712 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043055.D
Acq: 5 Oct 2019 14:54

Tgt Ion:276 Resp: 1399868
Ion Ratio Lower Upper
276 100
277 25.8 18.4 27.6
138 11.7 8.6 12.8

