

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043054.D
 Acq On : 5 Oct 2019 14:16
 Operator : JU
 Sample : K5168-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 10/7/2019 4:39:02 PM

Quant Time: Oct 07 08:55:38 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	62956	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	237908	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	171071	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	406565	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	439022	20.00	ng	-0.02
87) Perylene-d12	24.92	264	512325	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	412894	117.04	ng	-0.01
7) Phenol-d6	7.24	99	594861	117.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	368125	75.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	349974	118.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	831660	70.48	ng	-0.01
79) Terphenyl-d14	20.03	244	1488489	72.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	50781	34.526	ng	90
3) Pyridine	3.94	79	127800	30.894	ng	93
4) n-Nitrosodimethylamine	3.85	42	78133	39.276	ng	86
6) Aniline	7.39	93	222340	36.257	ng	99
8) 2-Chlorophenol	7.63	128	180688	49.114	ng	98
9) Benzaldehyde	7.19	77	113670	36.617	ng	89
10) Phenol	7.27	94	247184	53.034	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	152346	42.246	ng	94
12) 1,3-Dichlorobenzene	7.95	146	194737	41.494	ng	95
13) 1,4-Dichlorobenzene	8.09	146	198954	42.525	ng	97
14) 1,2-Dichlorobenzene	8.42	146	188268	42.268	ng	95
15) Benzyl Alcohol	8.30	79	175922	46.060	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	237971	34.361	ng	97
17) 2-Methylphenol	8.51	107	154695	47.435	ng	96
18) Hexachloroethane	9.15	117	71062	40.331	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	140800	42.210	ng	92
20) 3+4-Methylphenols	8.84	107	215361	48.188	ng	97
22) Acetophenone	8.88	105	270275	44.072	ng	# 95
24) Nitrobenzene	9.26	77	214107	45.859	ng	97
25) Isophorone	9.79	82	393090	45.720	ng	98
26) 2-Nitrophenol	9.97	139	103741	52.197	ng	97
27) 2,4-Dimethylphenol	10.04	122	171069	56.047	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	219290	44.954	ng	100
29) 2,4-Dichlorophenol	10.51	162	199012	52.426	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	220425	44.965	ng	98
31) Naphthalene	10.91	128	552199	47.151	ng	99
32) Benzoic acid	10.19	122	100752	43.319	ng	95
33) 4-Chloroaniline	11.02	127	142383	28.018	ng	96
34) Hexachlorobutadiene	11.20	225	158335	43.137	ng	95
35) Caprolactam	11.80	113	63341m	47.316	ng	
36) 4-Chloro-3-methylphenol	12.15	107	212210	51.415	ng	94
37) 2-Methylnaphthalene	12.51	142	424037	47.462	ng	96
38) 1-Methylnaphthalene	12.74	142	400070	47.324	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	279355	43.431	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	359777	87.787	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	187196	49.723	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	196956	50.784	ng	98
46) 1,1'-Biphenyl	13.52	154	579618	44.678	ng	98
47) 2-Chloronaphthalene	13.56	162	449826	46.247	ng	99
48) 2-Nitroaniline	13.76	65	148502	45.912	ng	89
49) Acenaphthylene	14.40	152	719956	48.374	ng	99
50) Dimethylphthalate	14.14	163	728076	56.802	ng	99
51) 2,6-Dinitrotoluene	14.25	165	139871	51.242	ng	89
52) Acenaphthene	14.74	154	444895	44.659	ng	99
53) 3-Nitroaniline	14.59	138	97580	34.591	ng	92
54) 2,4-Dinitrophenol	14.79	184	139205	82.045	ng	94
55) Dibenzofuran	15.08	168	704898	47.833	ng	99
56) 4-Nitrophenol	14.90	139	215140	100.095	ng	99
57) 2,4-Dinitrotoluene	15.04	165	192368	48.125	ng	94
58) Fluorene	15.73	166	590206	46.911	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	200220m	48.487	ng	
60) Diethylphthalate	15.50	149	590896	45.298	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	346859	45.969	ng	100
62) 4-Nitroaniline	15.76	138	140532	45.678	ng	98
63) Azobenzene	16.01	77	523631	44.091	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	114302	49.683	ng	96
66) n-Nitrosodiphenylamine	15.93	169	532009	49.569	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	241631	47.353	ng	97
68) Hexachlorobenzene	16.74	284	266735	46.947	ng	95
69) Atrazine	16.88	200	202351	44.773	ng	97
70) Pentachlorophenol	17.08	266	313911	95.751	ng	99
71) Phenanthrene	17.47	178	958704	48.301	ng	97
72) Anthracene	17.56	178	959407	48.418	ng	97
73) Carbazole	17.83	167	876322	47.691	ng	99
74) Di-n-butylphthalate	18.38	149	1005743	45.875	ng	99
75) Fluoranthene	19.47	202	1282075	48.835	ng	99
77) Benzidine	19.65	184	546793	49.742	ng	98
78) Pyrene	19.83	202	1281674	48.912	ng	99
80) Butylbenzylphthalate	20.72	149	467056	46.958	ng	97
81) Benzo(a)anthracene	21.68	228	1296127	47.382	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	381341	35.543	ng	99
83) Chrysene	21.74	228	1256809	47.344	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	681349	48.142	ng	100
85) Di-n-octyl phthalate	22.79	149	1156197	49.959	ng	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1675829	50.710	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	1410958	48.673	ng	99
89) Benzo(k)fluoranthene	23.96	252	1362077	47.496	ng	100
90) Benzo(a)pyrene	24.76	252	1370154	50.098	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1406163	50.140	ng	98
92) Benzo(g,h,i)perylene	29.73	276	1388289	51.090	ng	98

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

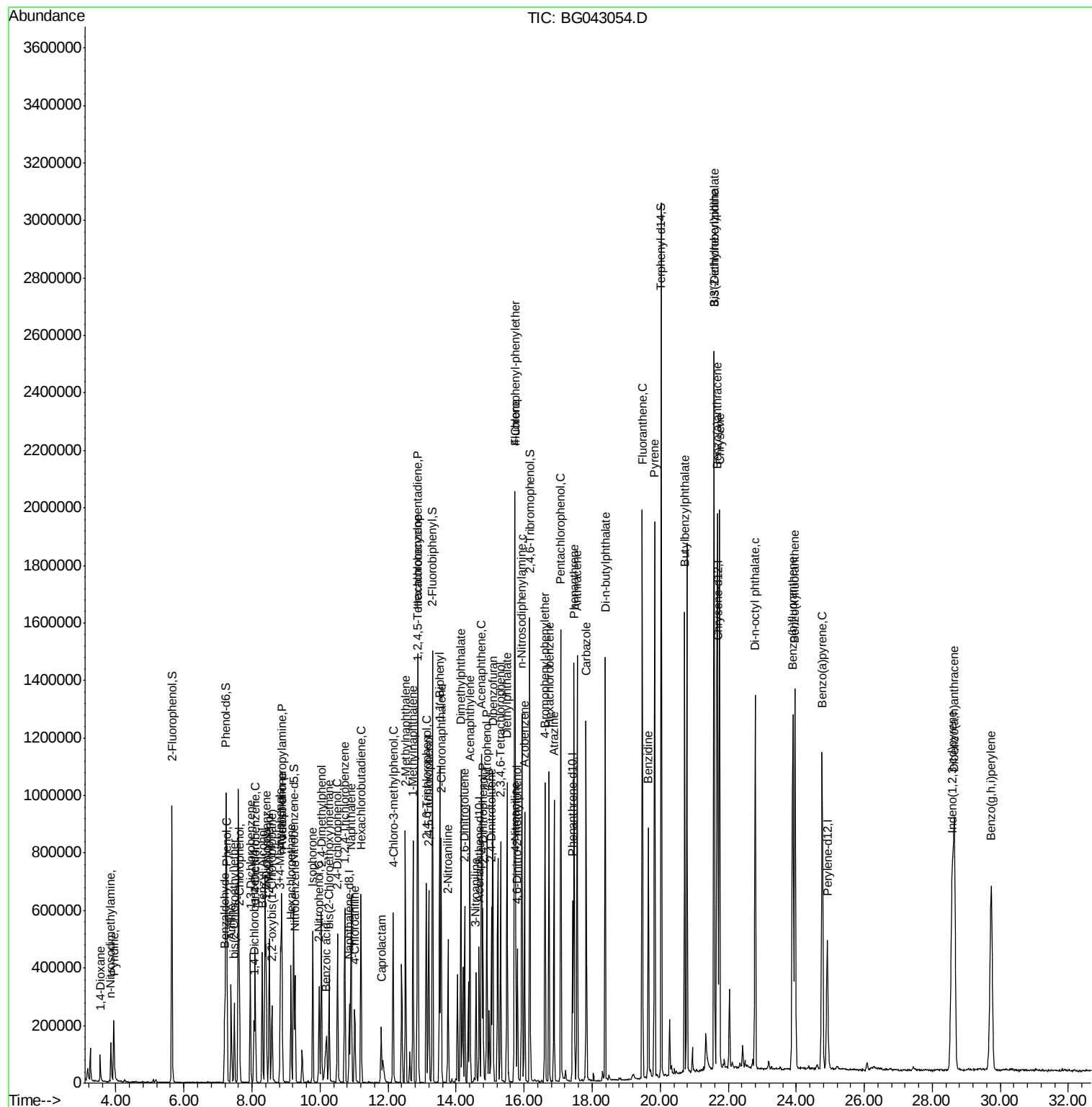
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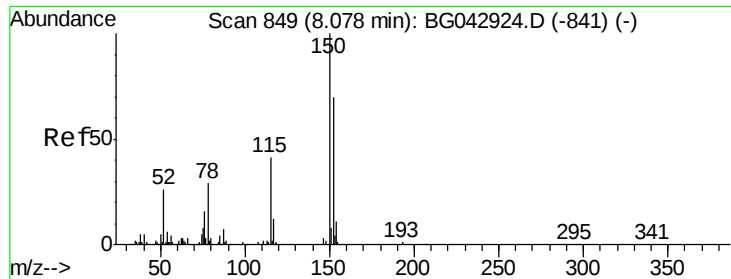
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#1

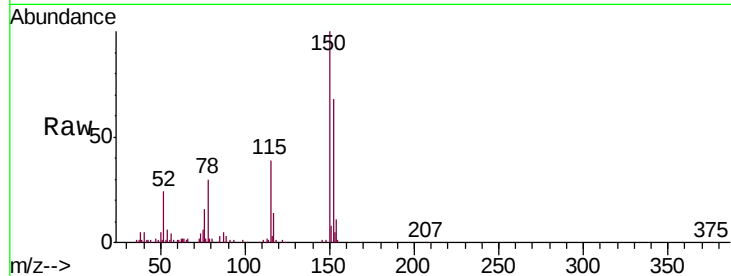
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

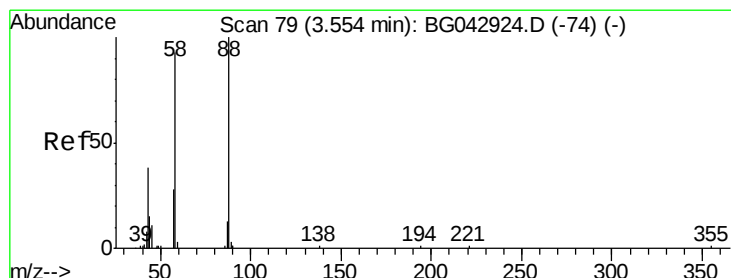
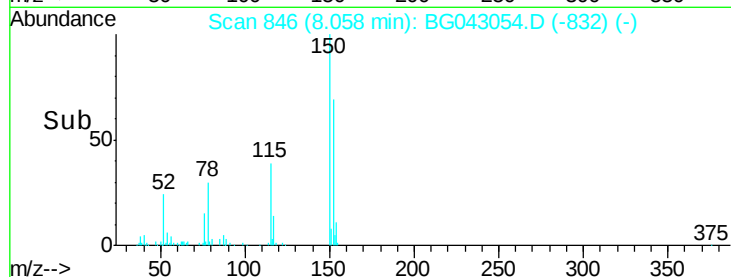
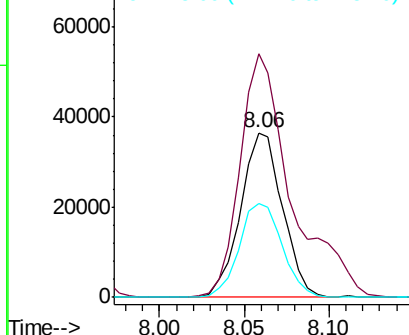
Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.7	115.0	172.4
115	57.1	47.0	70.6

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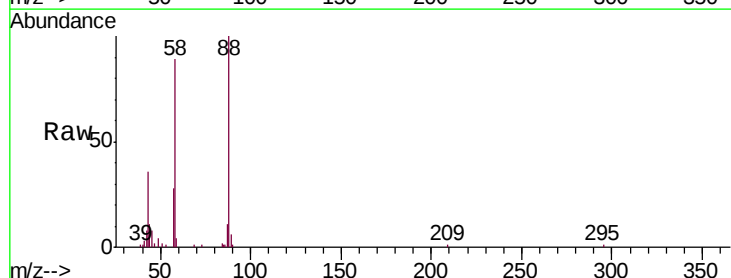
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



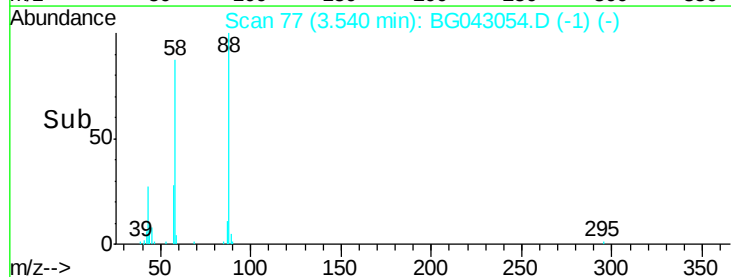
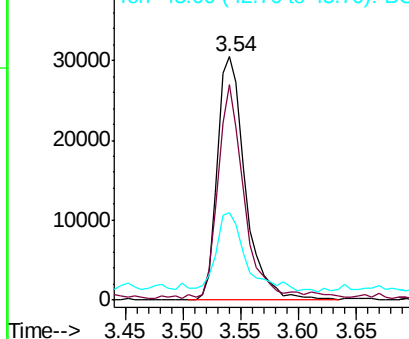
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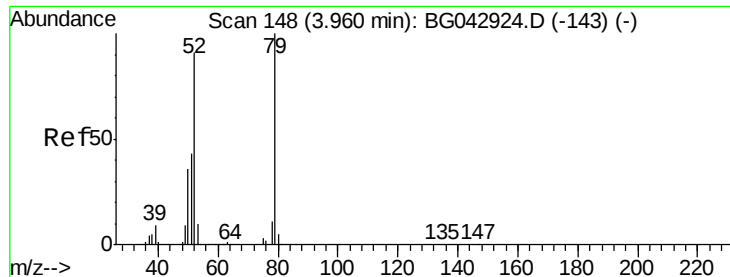
1,4-Dioxane
Concen: 34.526 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	74.3	111.5
43	35.0	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: 30.894 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

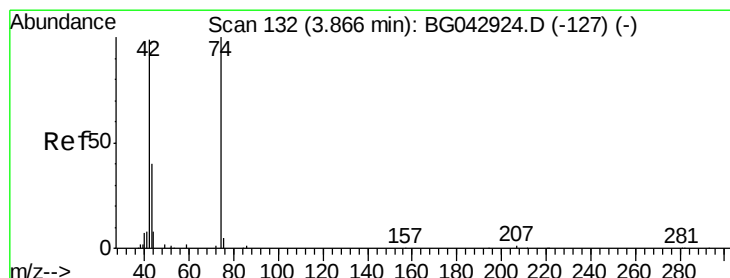
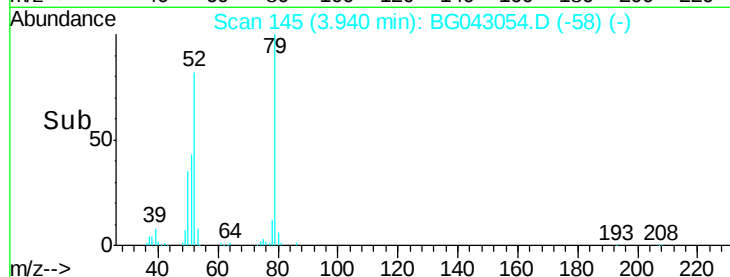
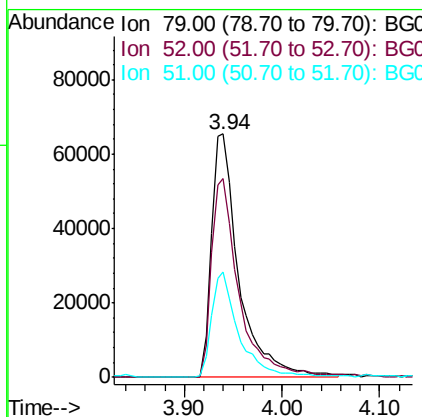
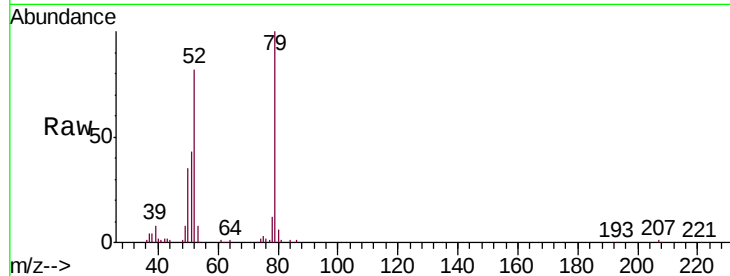
ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:	79	Resp:	127800
Ion	Ratio	Lower	Upper
79	100		
52	81.7	73.0	109.4
51	43.1	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 39.276 ng

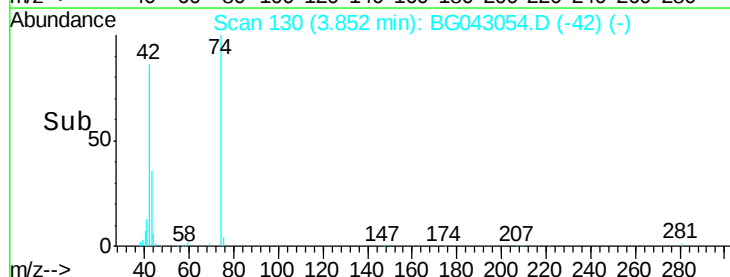
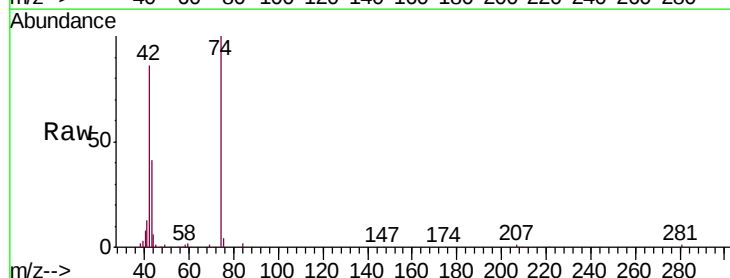
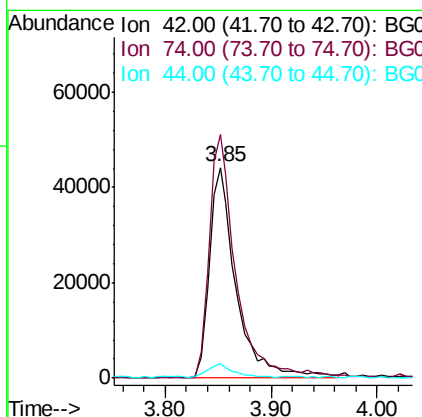
RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	42	Resp:	78133
Ion	Ratio	Lower	Upper
42	100		
74	115.7	80.5	120.7
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 117.044 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

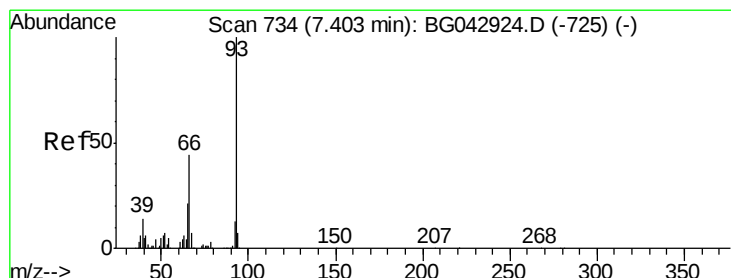
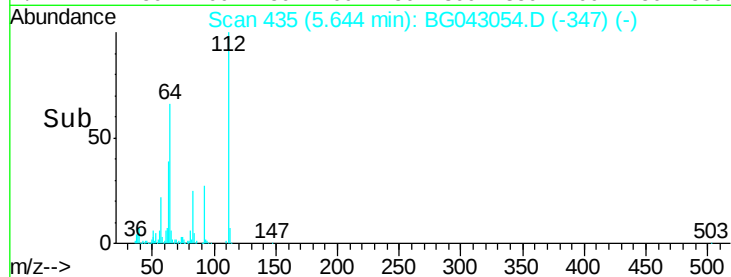
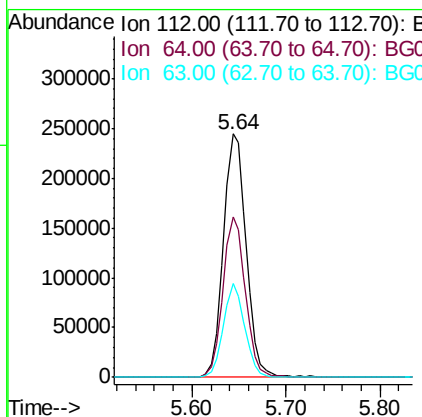
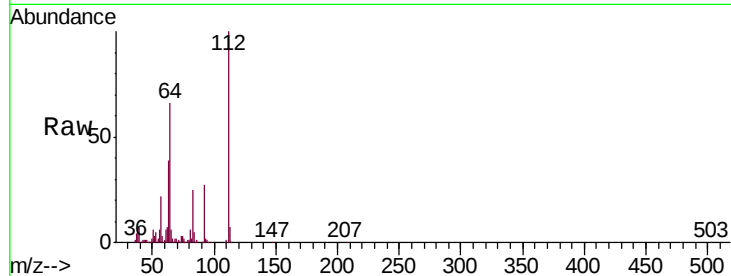
ClientSampleId :

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Tgt Ion:	112	Resp:	412894
Ion Ratio	Lower	Upper	
112	100		
64	65.9	56.6	84.8
63	38.7	35.1	52.7

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#6

Aniline

Concen: 36.257 ng

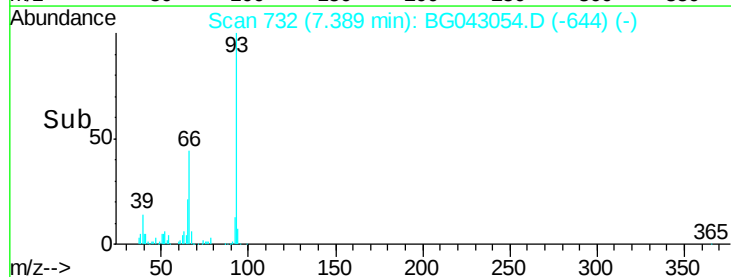
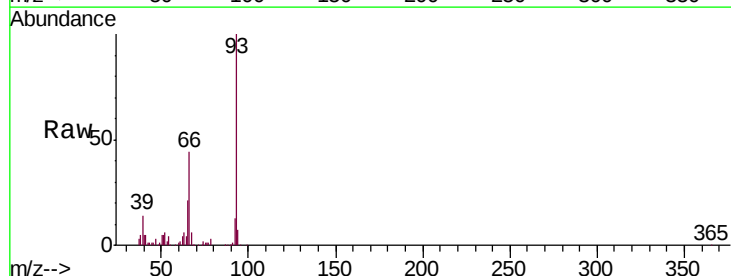
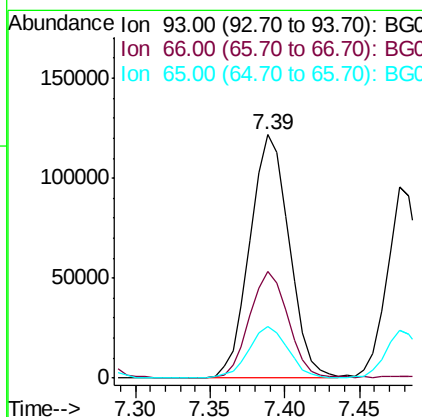
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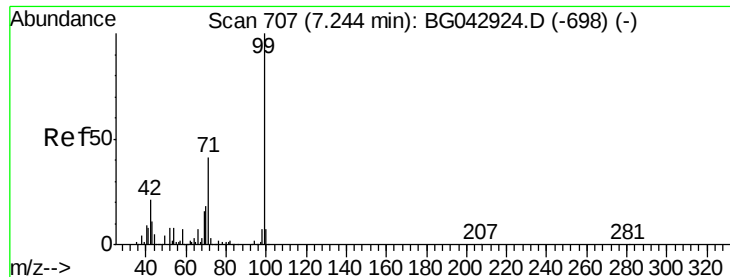
Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	93	Resp:	222340
Ion Ratio	Lower	Upper	
93	100		
66	43.8	35.0	52.6
65	21.0	17.4	26.0





#7

Phenol-d6

Concen: 117.097 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

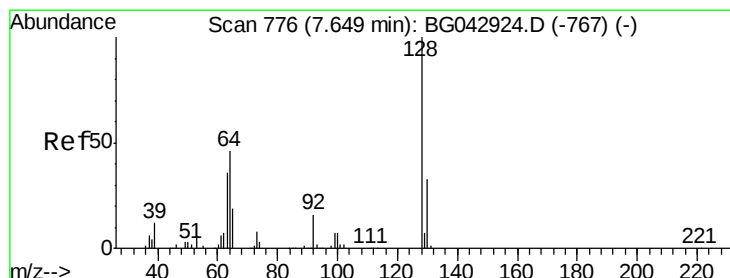
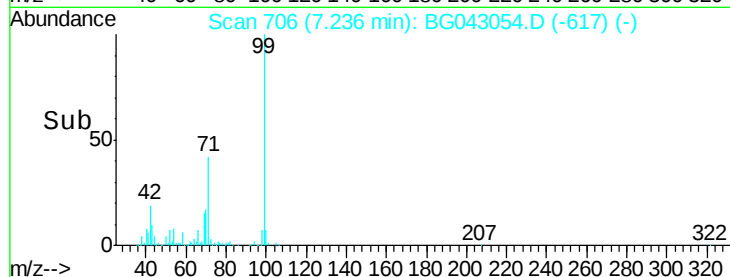
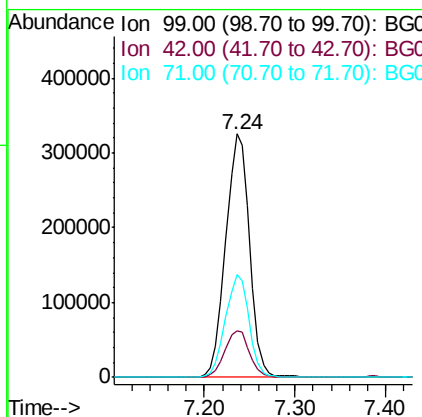
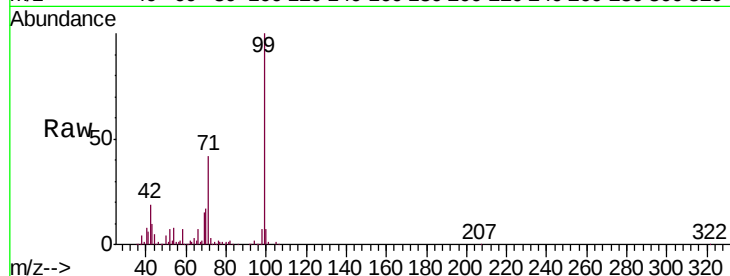
ClientSampleId :

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Tgt Ion:	99	Resp:	594861
Ion Ratio	Lower	Upper	
99	100		
42	19.0	17.2	25.8
71	42.5	33.1	49.7

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#8

2-Chlorophenol

Concen: 49.114 ng

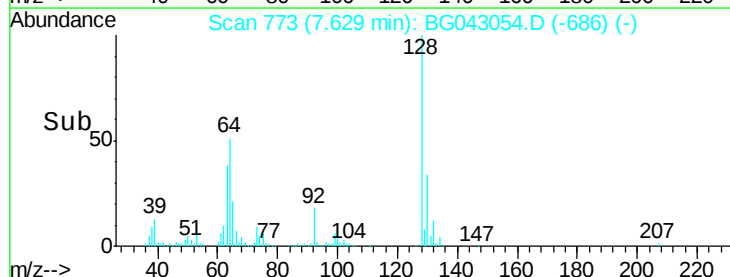
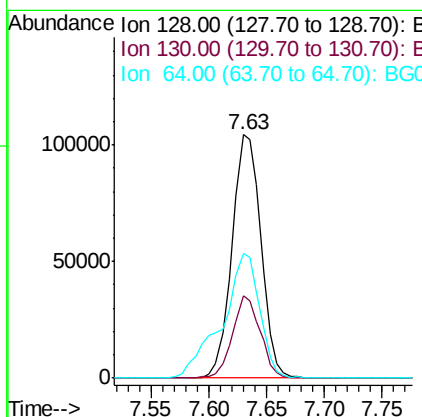
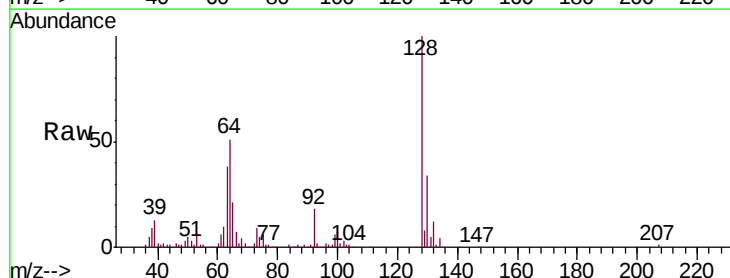
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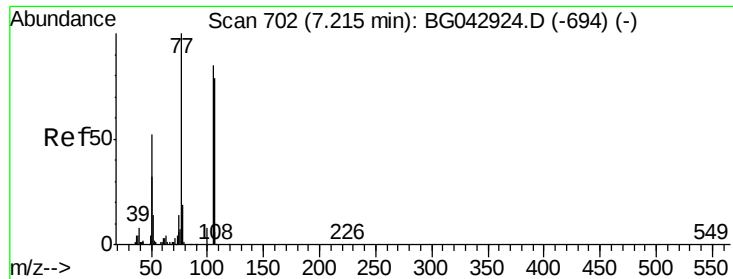
Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	128	Resp:	180688
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.5	52.5
64	51.1	32.8	72.8





#9

Benzaldehyde

Concen: 36.617 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

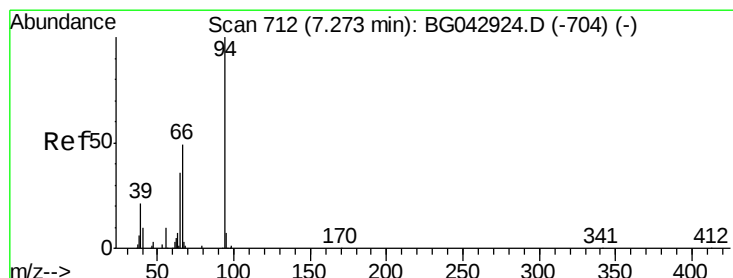
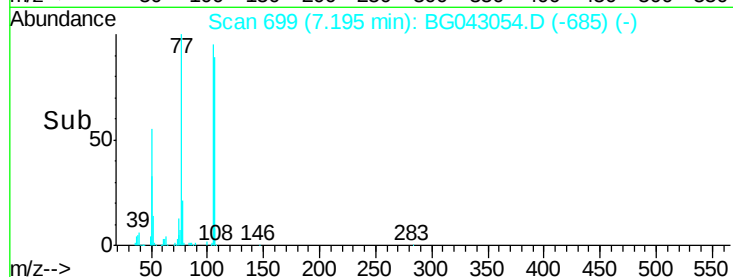
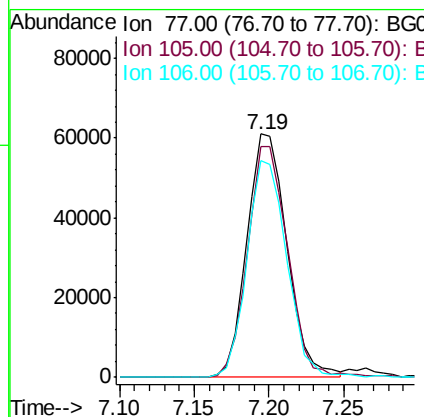
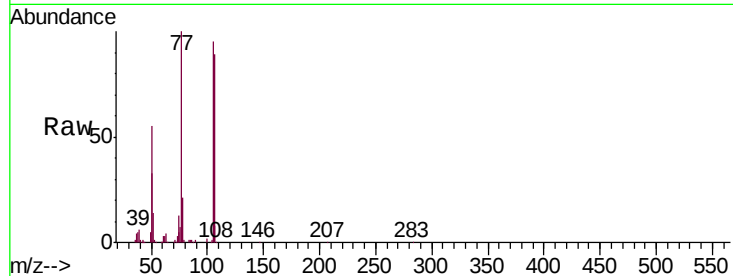
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Tgt Ion:	77	Resp:	113670
Ion	Ratio	Lower	Upper
77	100		
105	94.7	64.6	104.6
106	89.2	59.4	99.4

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#10

Phenol

Concen: 53.034 ng

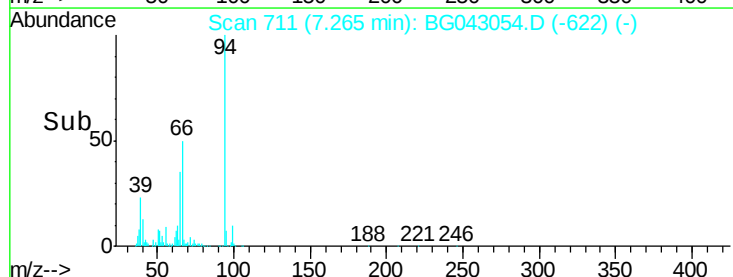
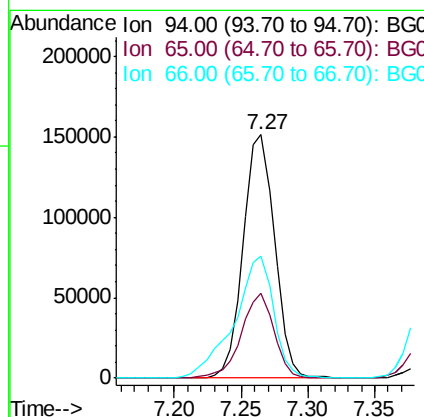
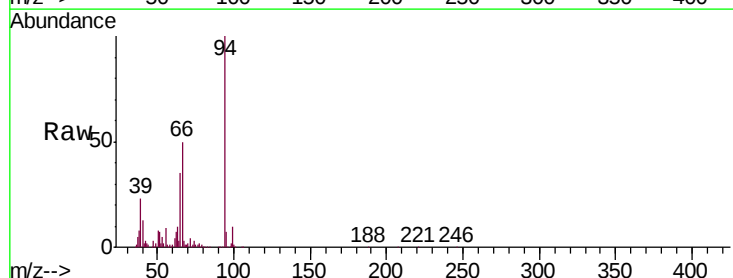
RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	94	Resp:	247184
Ion	Ratio	Lower	Upper
94	100		
65	34.8	16.6	56.6
66	50.2	32.4	72.4





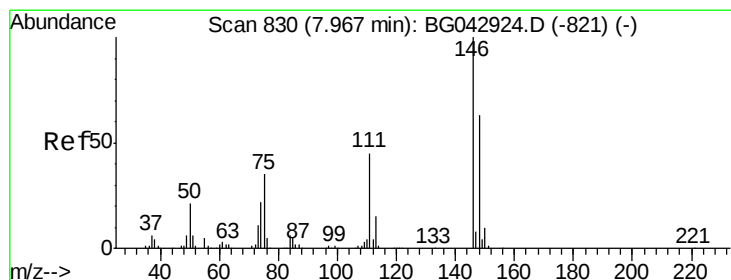
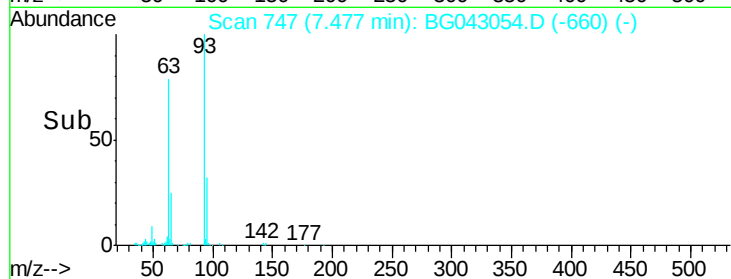
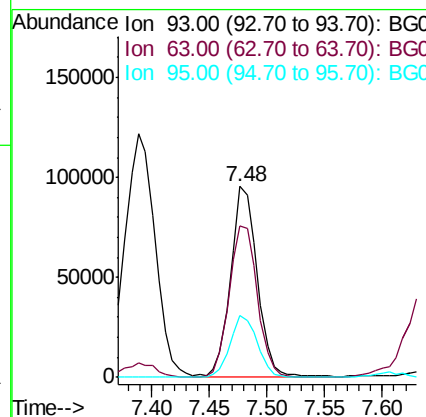
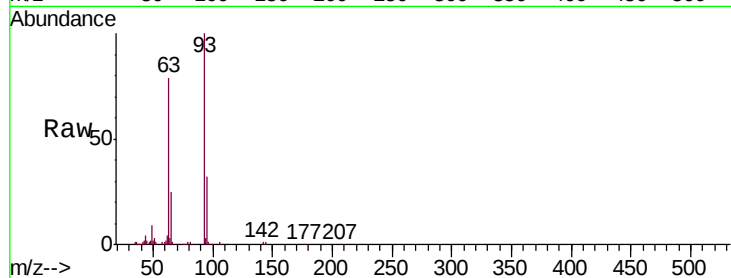
#11
bis(2-Chloroethyl)ether
Concen: 42.246 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	152346		
63	79.4		67.4	107.4
95	32.1		11.9	51.9

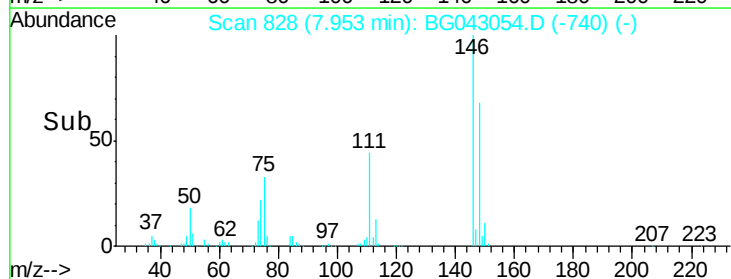
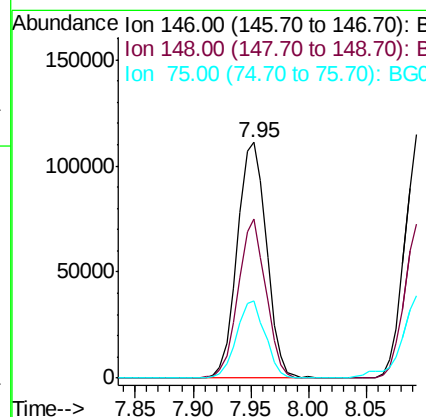
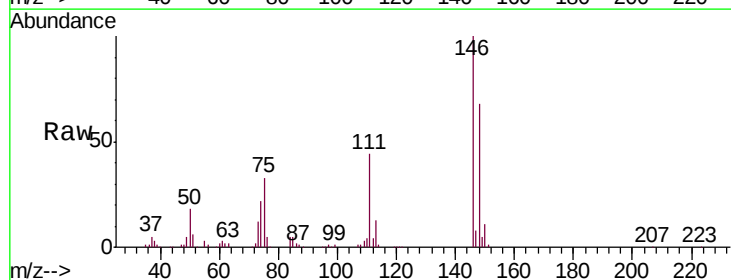
Manual Integrations
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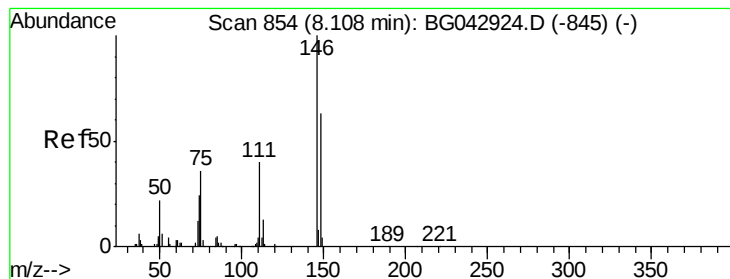
mohammad
10/7/2019 4:39:02 PM



#12
1,3-Dichlorobenzene
Concen: 41.494 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	194737		
148	67.7		50.7	76.1
75	32.6		27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 42.525 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

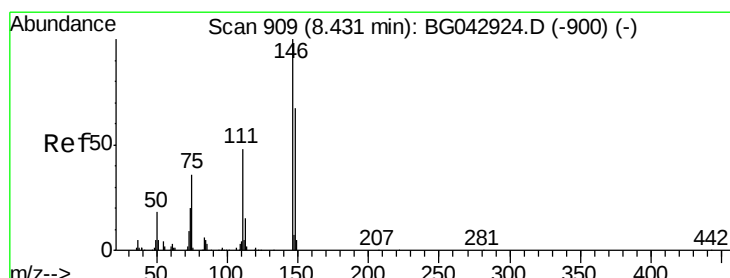
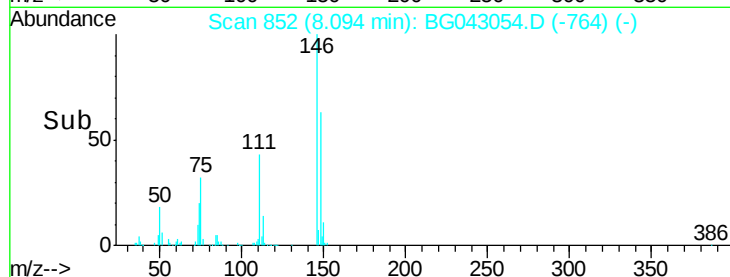
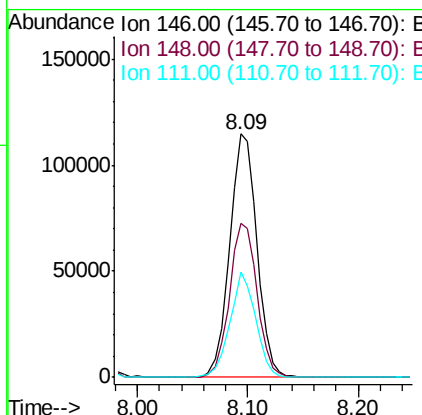
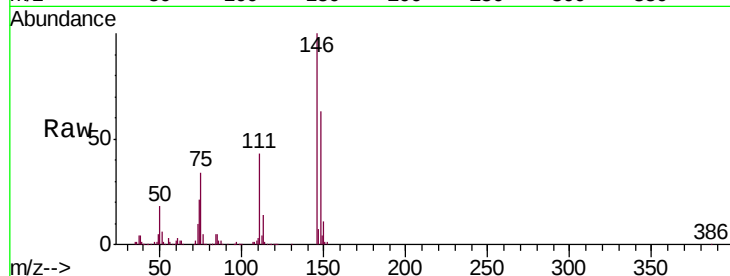
ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:	146	Resp:	198954
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.9	76.3
111	43.4	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 42.268 ng

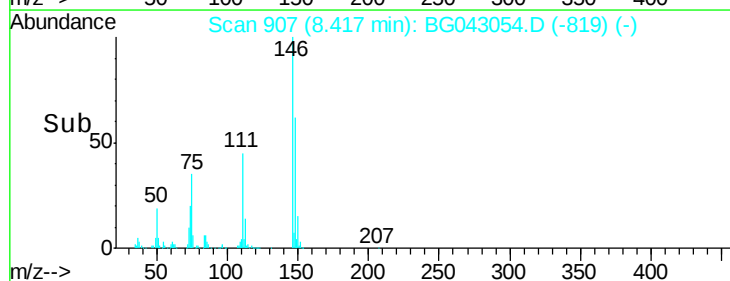
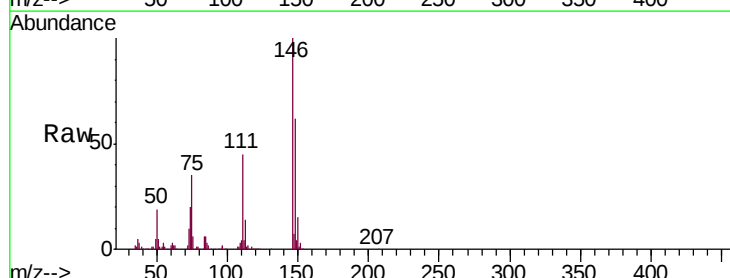
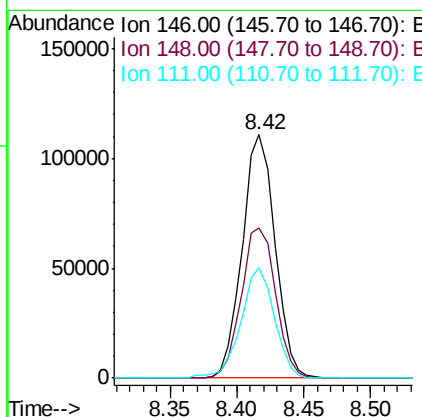
RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	146	Resp:	188268
Ion Ratio	Lower	Upper	
146	100		
148	61.8	53.4	80.2
111	45.4	38.5	57.7





#15

Benzyl Alcohol

Concen: 46.060 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

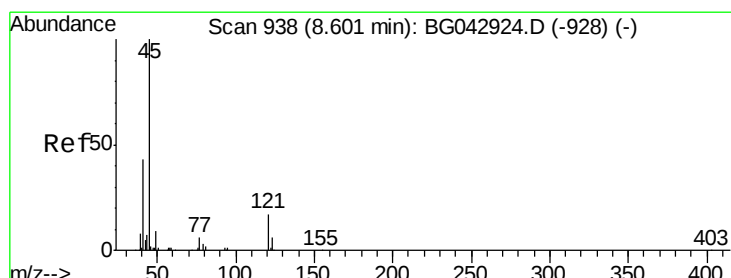
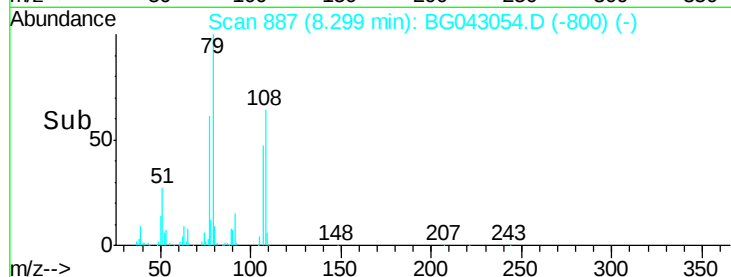
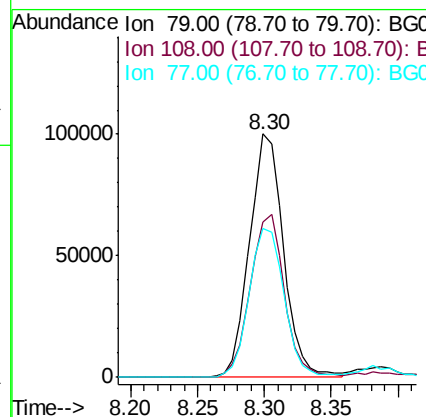
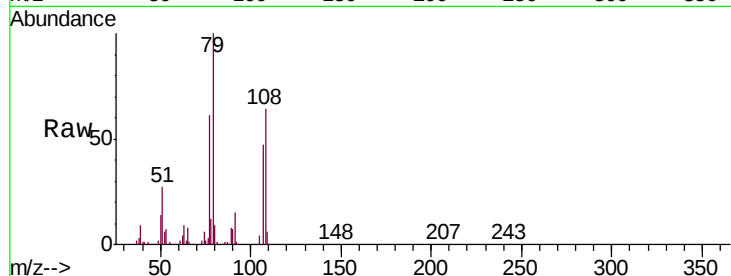
ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:	79	Resp:	175922
Ion Ratio	Lower	Upper	
79	100		
108	63.9	55.7	83.5
77	61.1	53.3	79.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.361 ng

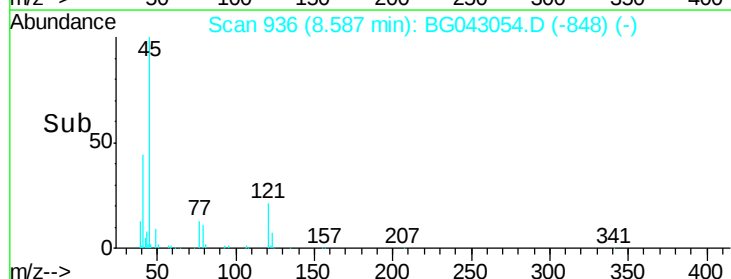
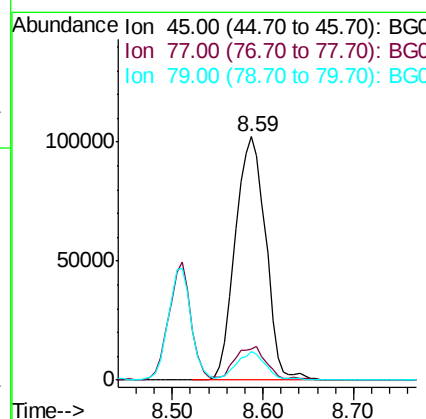
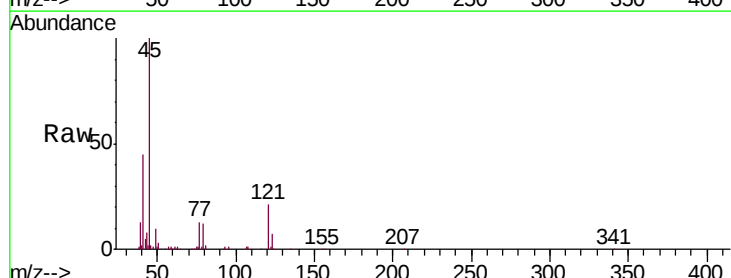
RT: 8.59 min Scan# 936

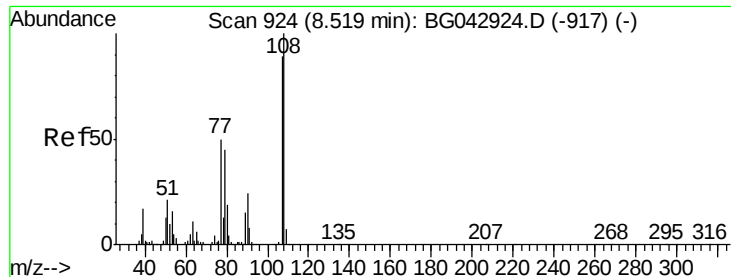
Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	45	Resp:	237971
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.8
79	11.7	0.0	29.4





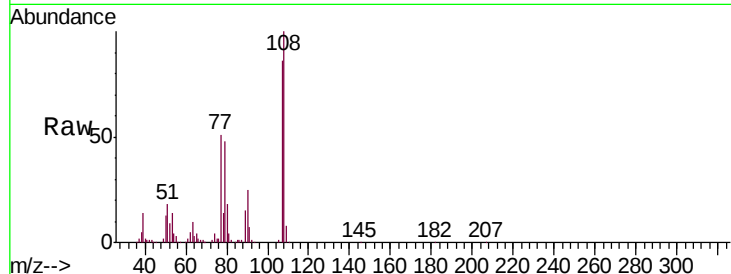
#17
2-Methylphenol
Concen: 47.435 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

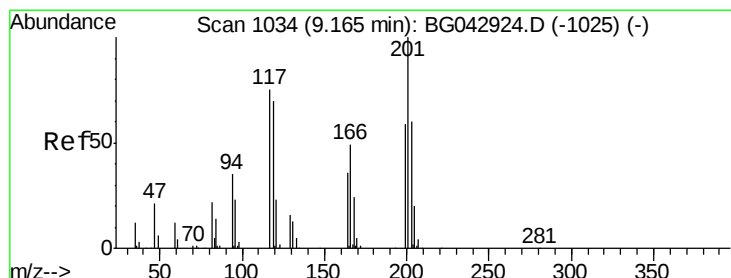
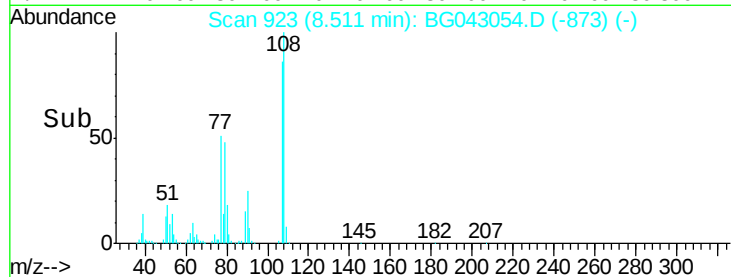
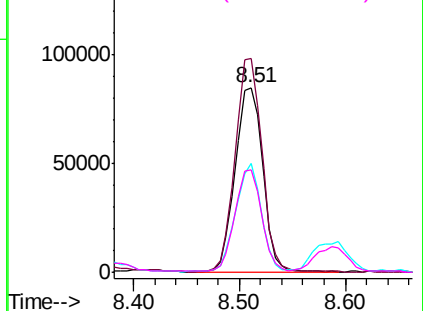
Tgt	Ion	Resp	Lower	Upper
107	100			
108	115.9	89.9	134.9	
77	58.8	45.4	68.2	
79	55.6	41.4	62.0	

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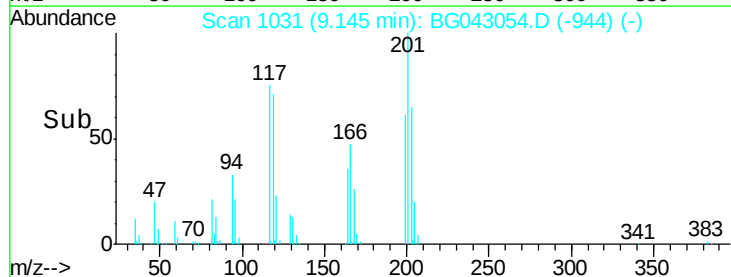
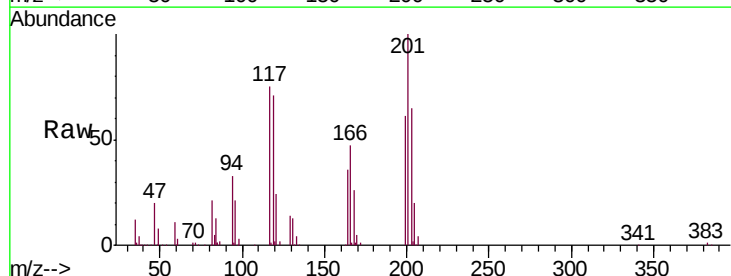
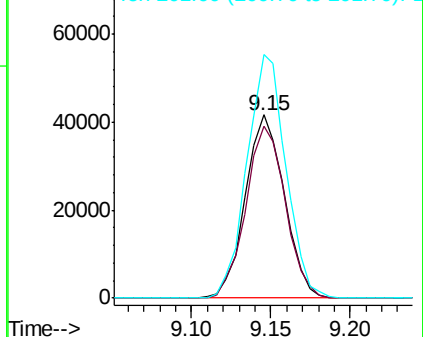
Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

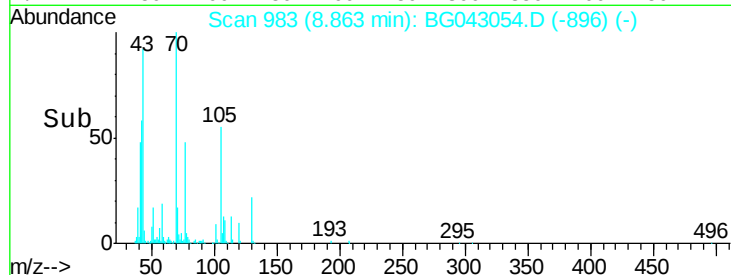
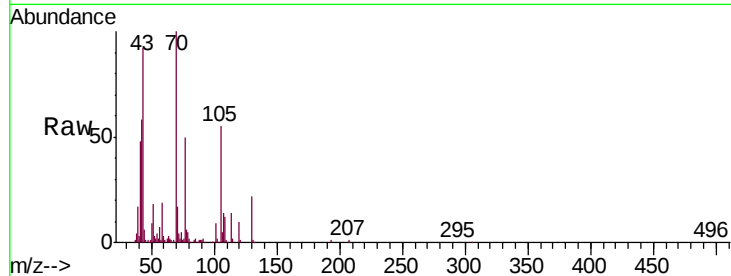
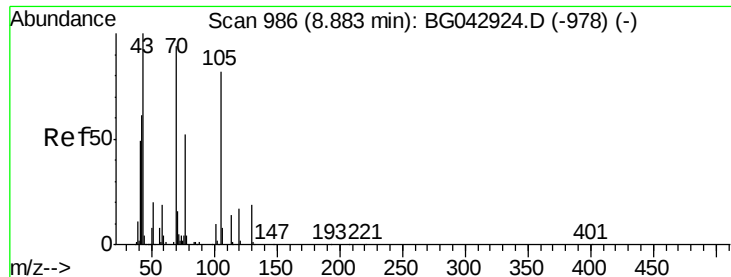


#18
Hexachloroethane
Concen: 40.331 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt	Ion	Resp	Lower	Upper
117	100			
119	92.8	74.6	111.8	
201	131.0	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





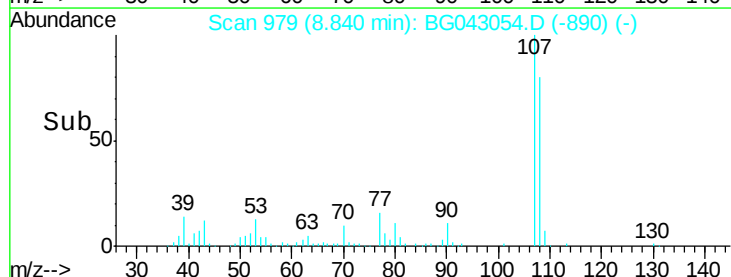
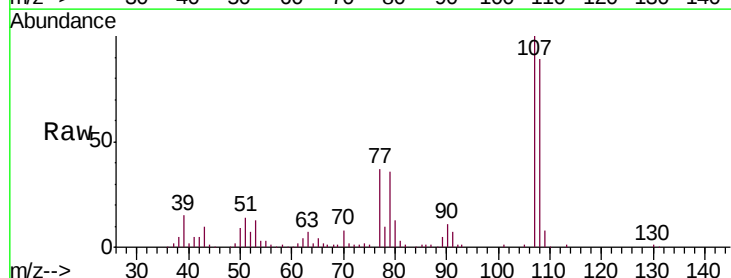
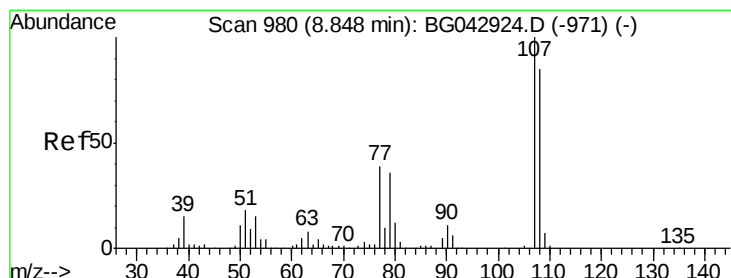
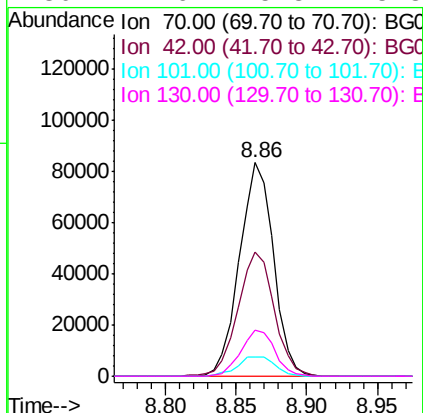
#19
n-Nitroso-di-n-propylamine
Concen: 42.210 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.4	52.6	79.0
101	8.9	8.7	13.1
130	21.6	15.8	23.8

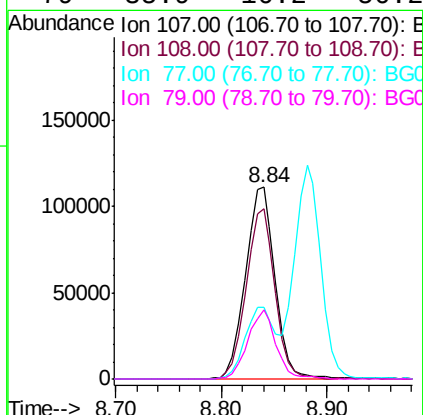
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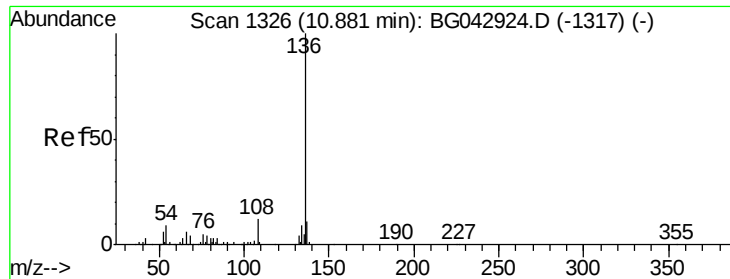
mohammad
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#20
3+4-Methylphenols
Concen: 48.188 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	64.9	104.9
77	37.2	19.4	59.4
79	35.9	16.2	56.2





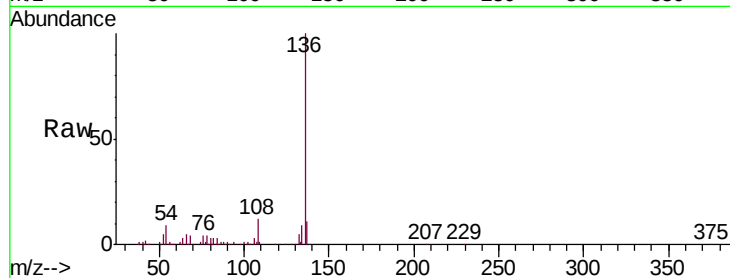
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

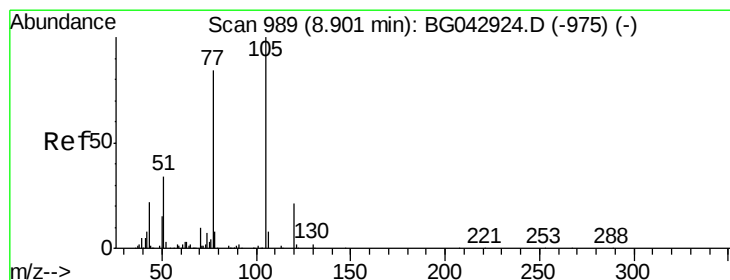
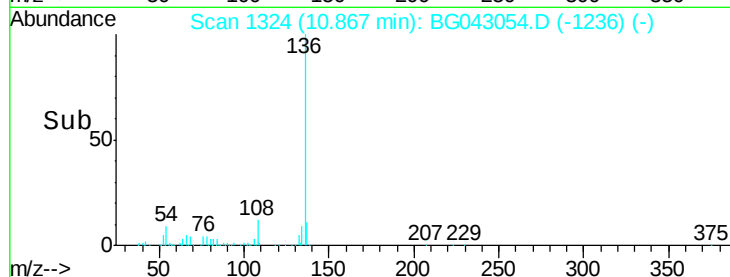
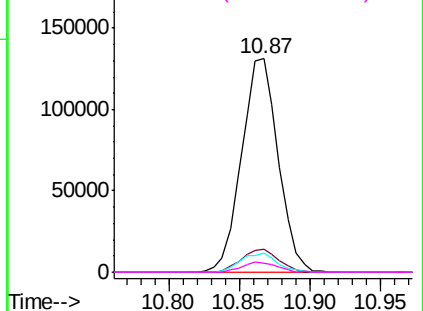
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	237908		
137	10.8		8.5	12.7
54	8.8		7.4	11.2
68	4.3		3.6	5.4

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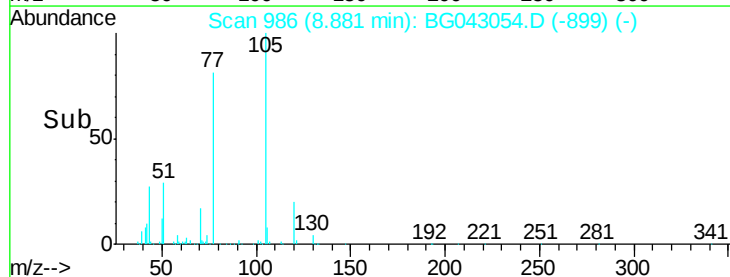
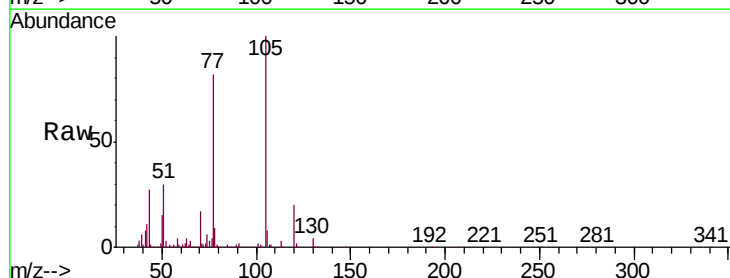
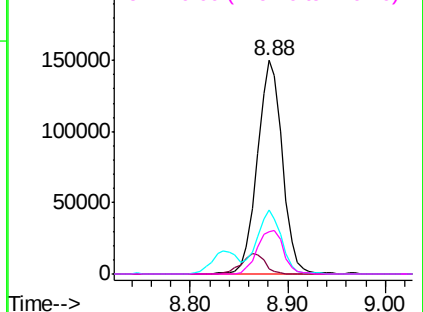
Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0



#22
Acetophenone
Concen: 44.072 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270275		
71	2.5		1.2	1.8#
51	30.2		27.2	40.8
120	20.1		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
200000 Ion 71.00 (70.70 to 71.70): BGC
150000 Ion 51.00 (50.70 to 51.70): BGC
100000 Ion 120.00 (119.70 to 120.70): E
50000
0





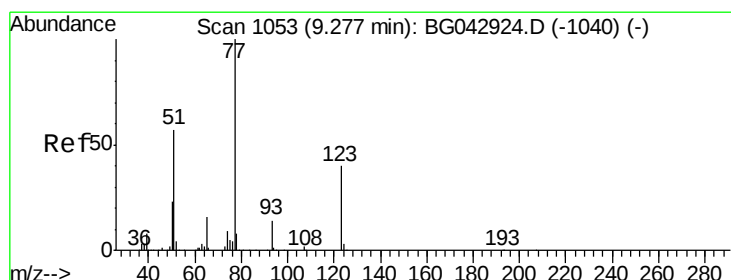
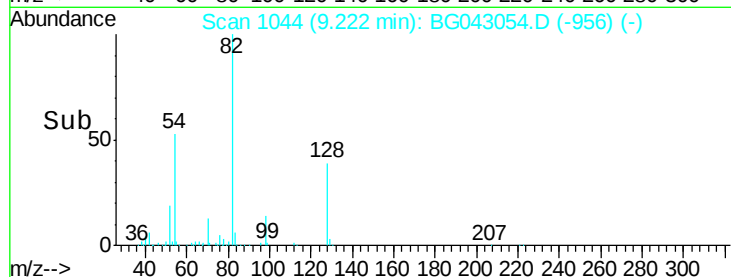
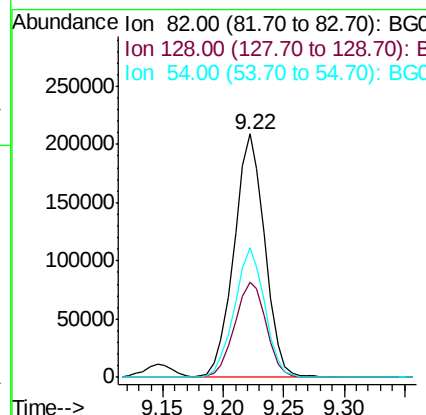
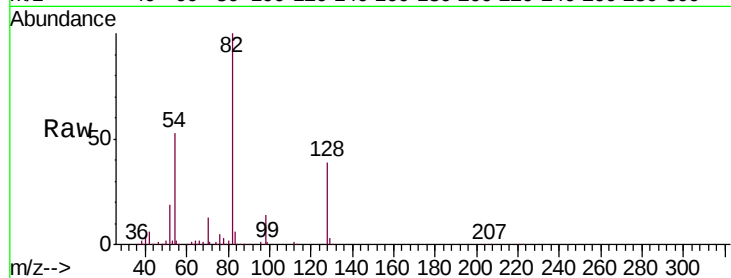
#23
Nitrobenzene-d5
Concen: 75.209 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	368125		
128	39.3	29.5	44.3	
54	53.1	44.6	67.0	

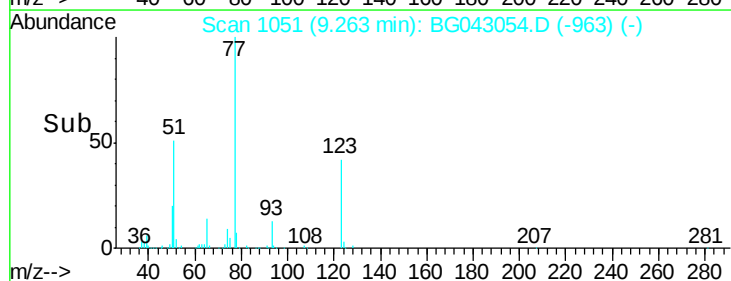
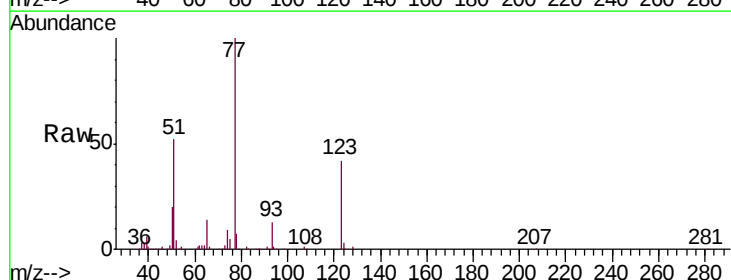
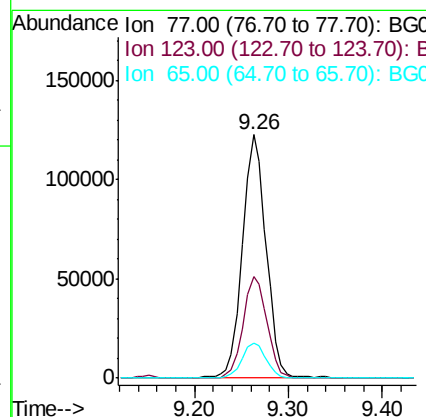
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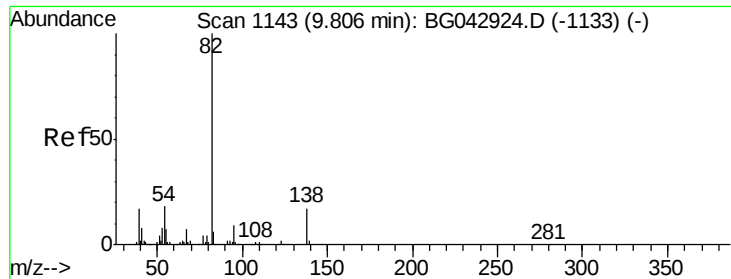
mohammad
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#24
Nitrobenzene
Concen: 45.859 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	214107		
123	41.8	31.9	47.9	
65	14.3	12.4	18.6	





#25

Isophorone

Concen: 45.720 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

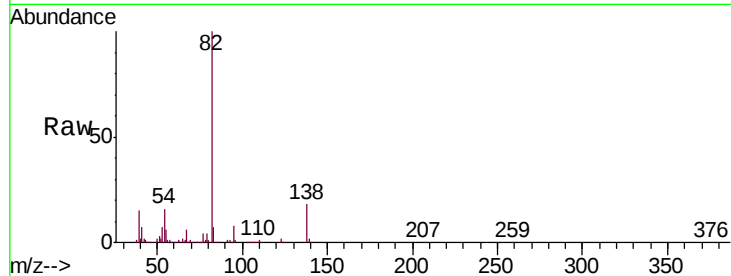
ClientSampleId :

20190773-SS-COMPOSITE-13MS

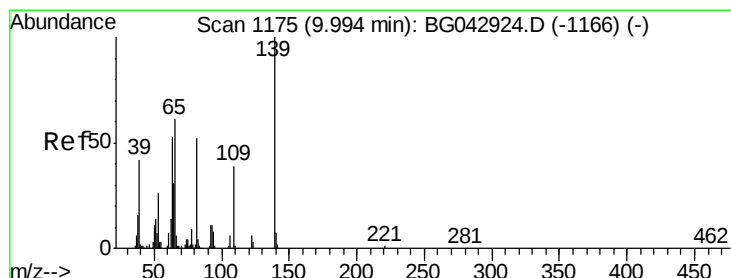
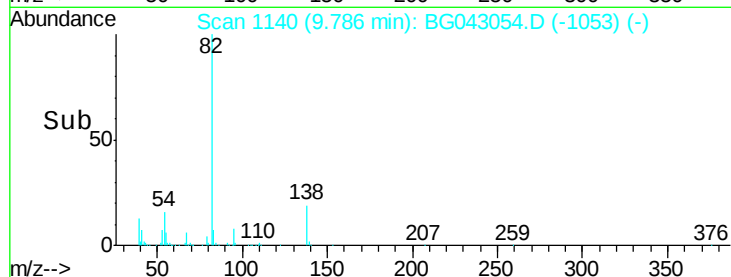
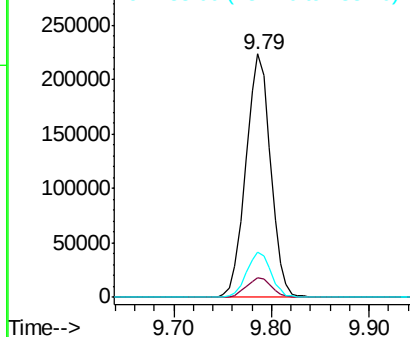
Tgt Ion:	82	Resp:	393090
Ion Ratio		Lower	Upper
82	100		
95	8.2	7.0	10.4
138	18.5	13.8	20.6

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 52.197 ng

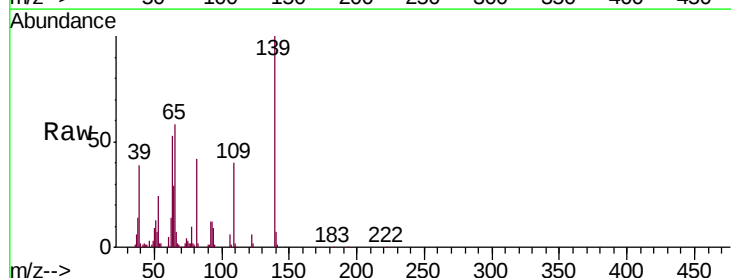
RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

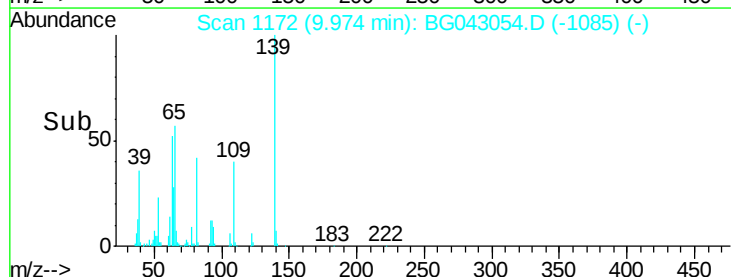
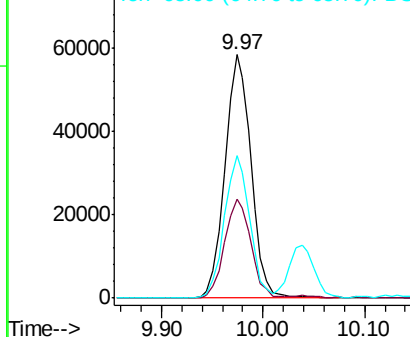
Lab File: BG043054.D

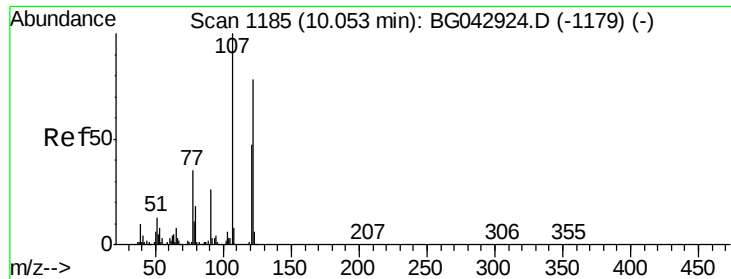
Acq: 5 Oct 2019 14:16

Tgt Ion:	139	Resp:	103741
Ion Ratio		Lower	Upper
139	100		
109	40.5	31.0	46.6
65	58.4	48.4	72.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





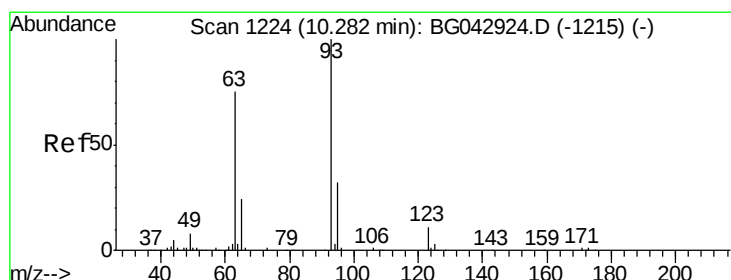
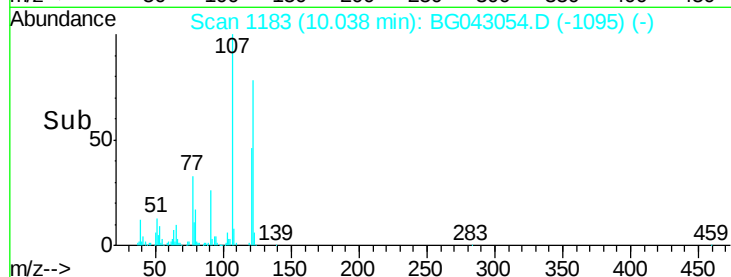
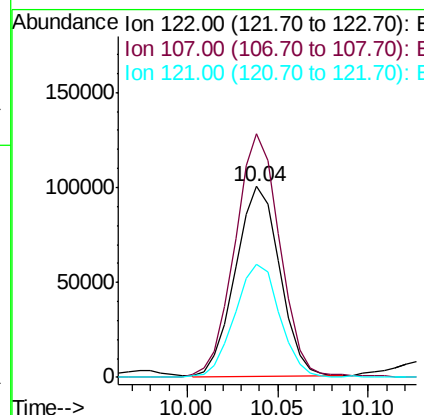
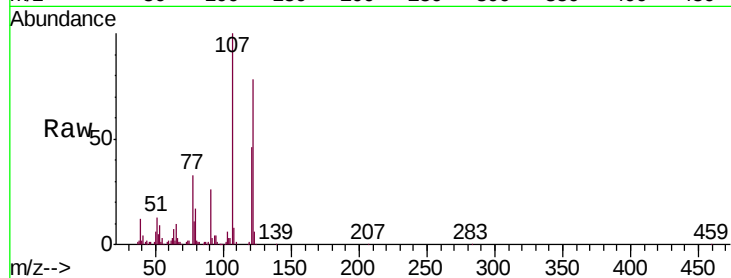
#27
2,4-Dimethylphenol
Concen: 56.047 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	127.6	102.2	153.2
121	58.9	48.5	72.7

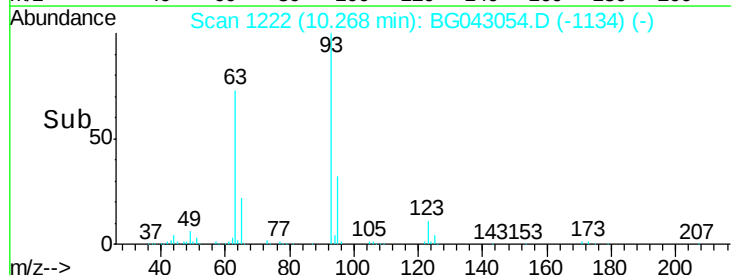
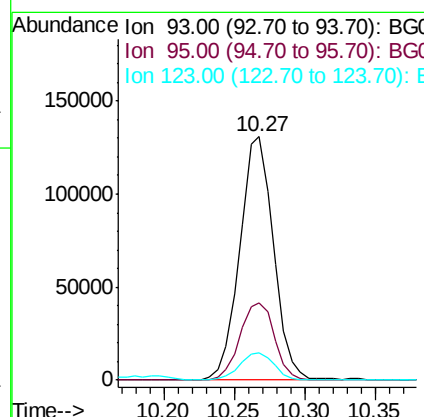
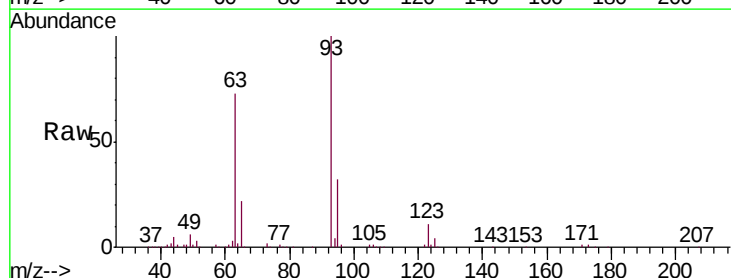
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#28
bis(2-Chloroethoxy)methane
Concen: 44.954 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.0
123	11.5	9.3	13.9





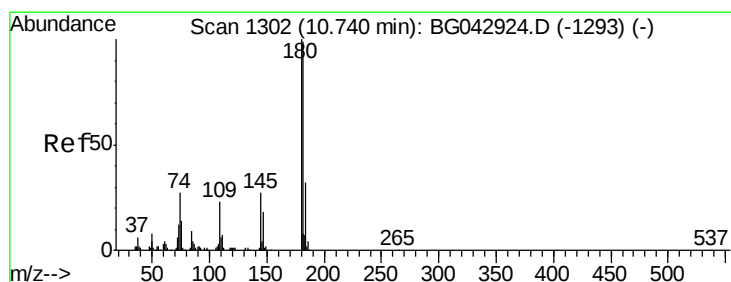
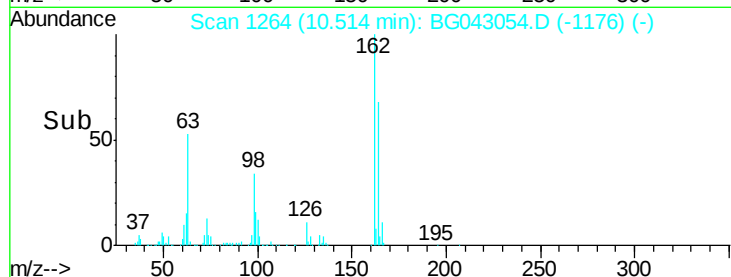
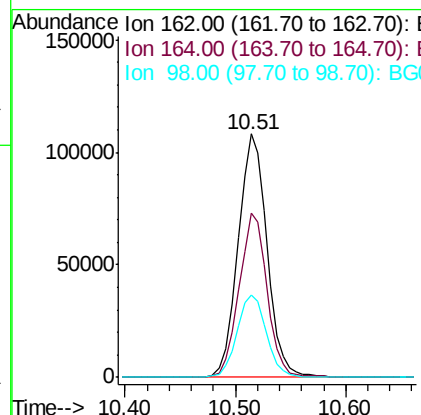
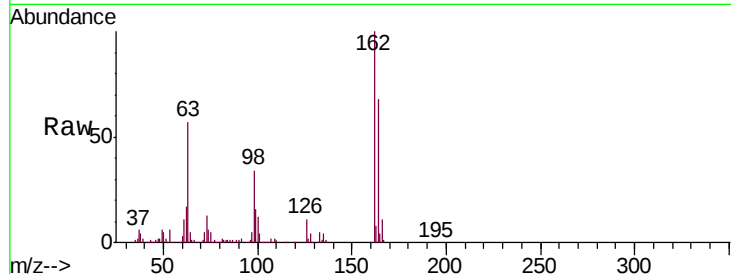
#29
 2,4-Dichlorophenol
 Concen: 52.426 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	199012		
164	67.7	44.7	84.7	
98	34.1	16.0	56.0	

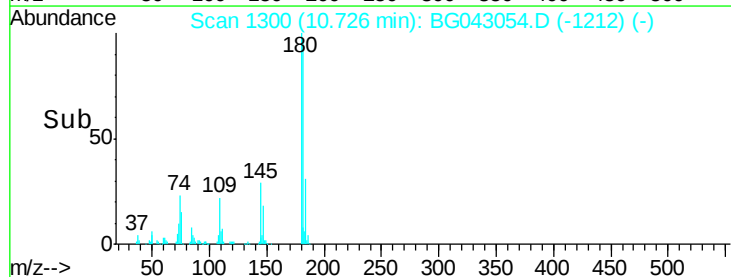
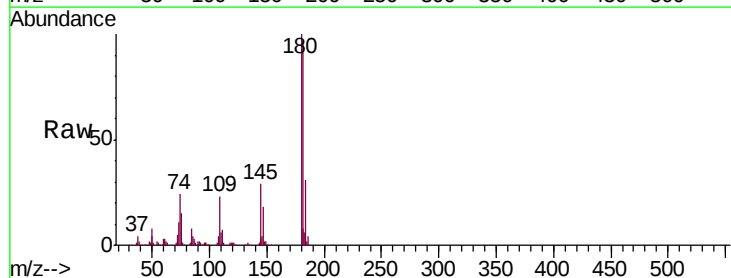
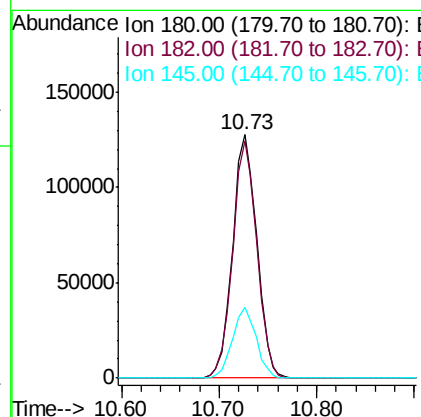
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.965 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	220425		
182	97.3	79.3	118.9	
145	29.0	22.0	33.0	





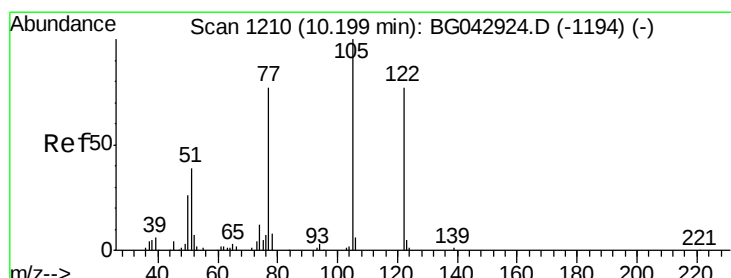
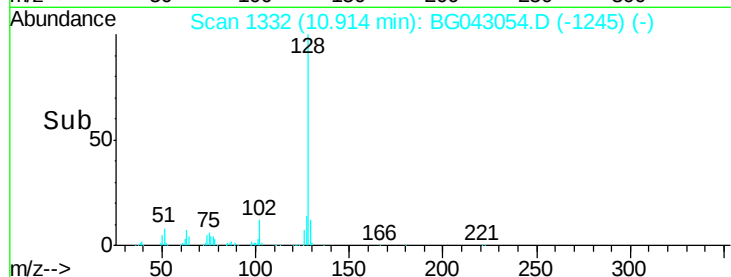
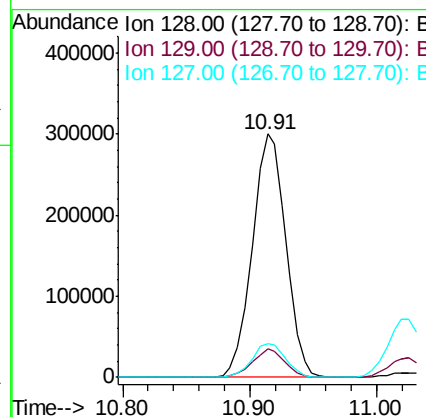
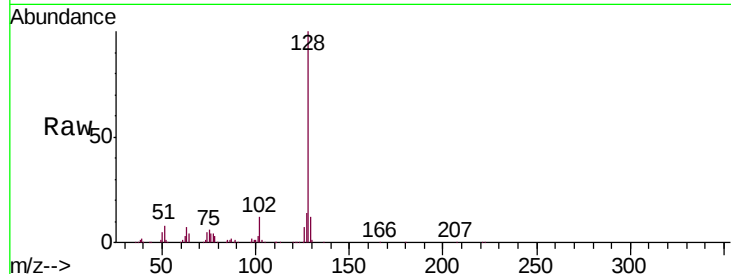
#31
Naphthalene
Concen: 47.151 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.8	13.2
127	14.0	11.3	16.9

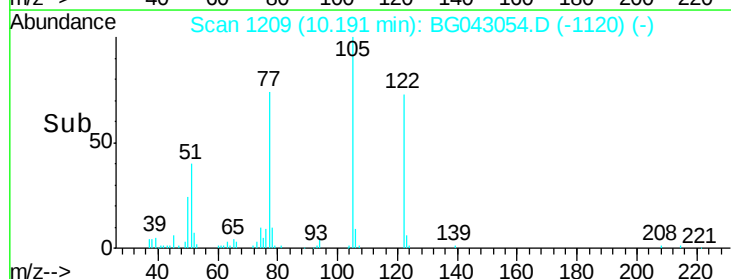
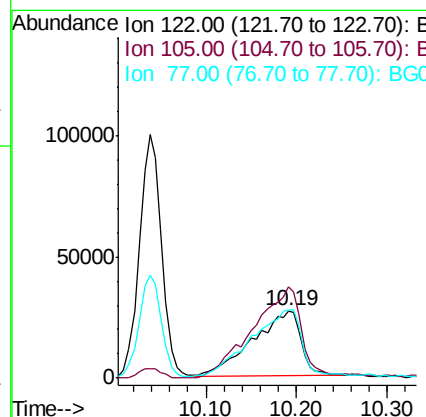
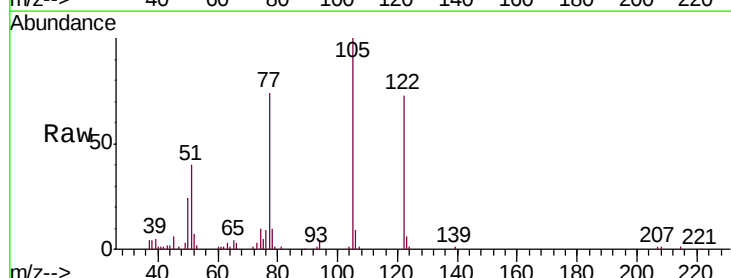
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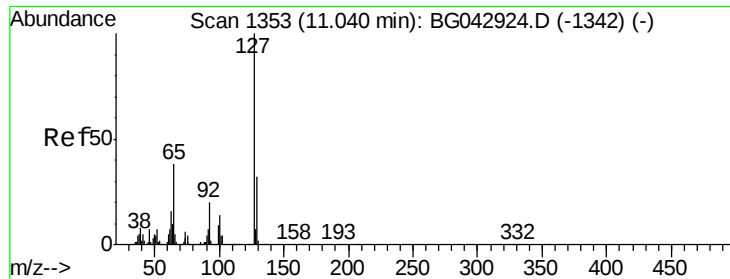
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#32
Benzoic acid
Concen: 43.319 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	136.3	107.5	147.5
77	101.3	79.8	119.8





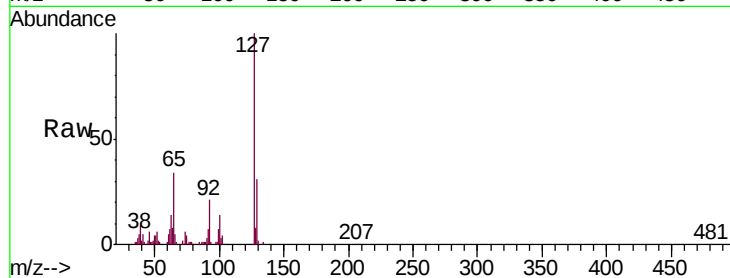
#33
4-Chloroaniline
Concen: 28.018 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	142383		
129	31.1	26.2	39.2	
65	34.0	30.6	45.8	
92	20.9	16.2	24.4	

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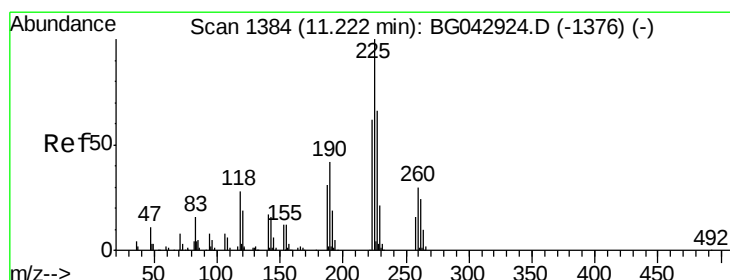
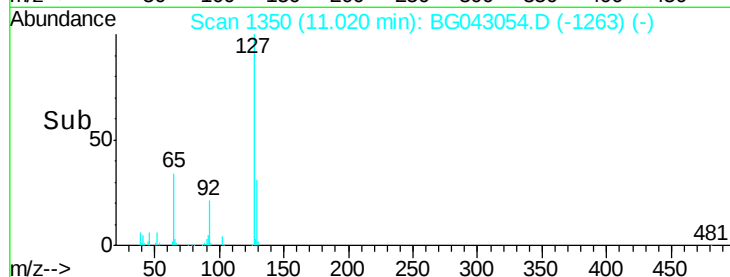
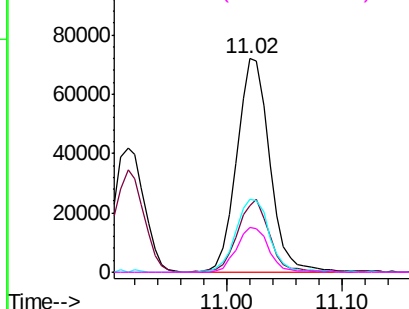
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

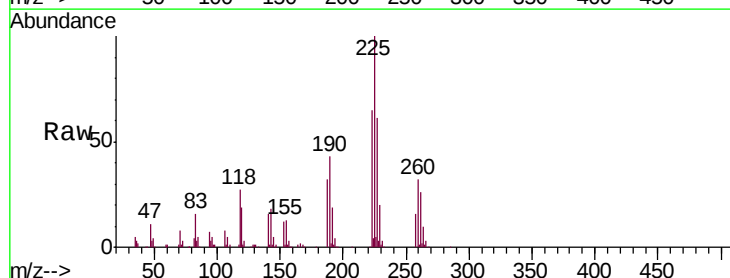
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 43.137 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158335		
223	65.4	49.3	73.9	
227	61.3	52.8	79.2	

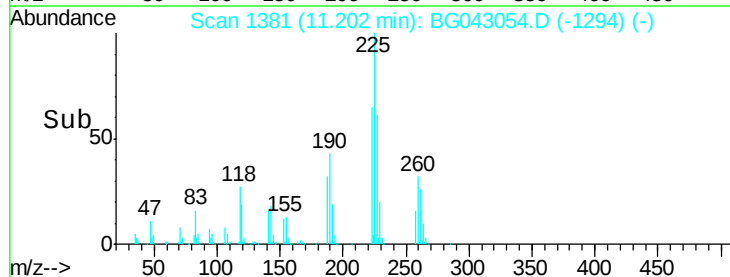
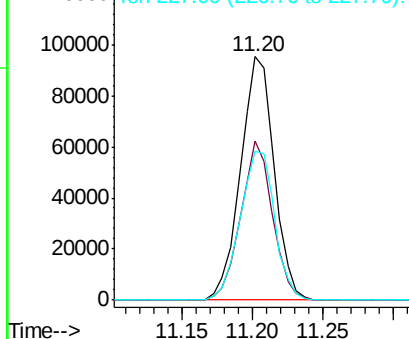


Abundance

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





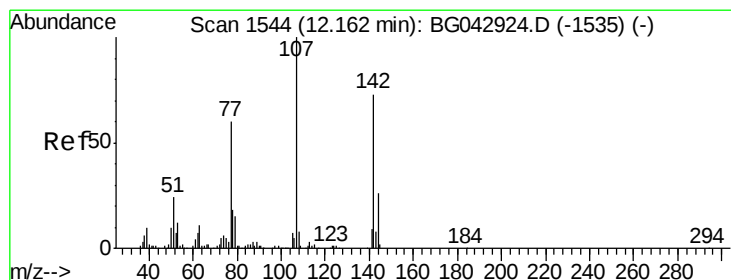
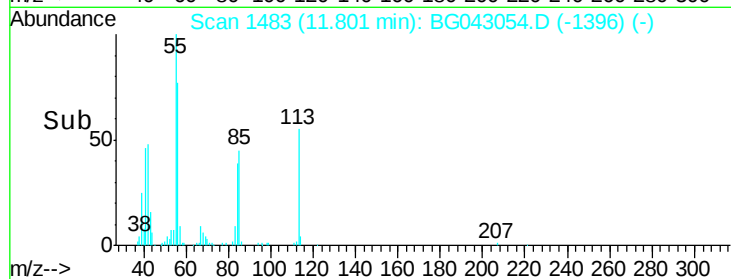
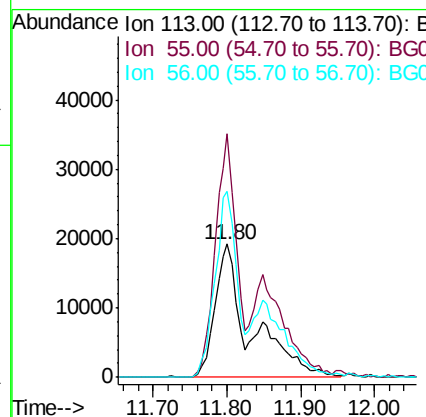
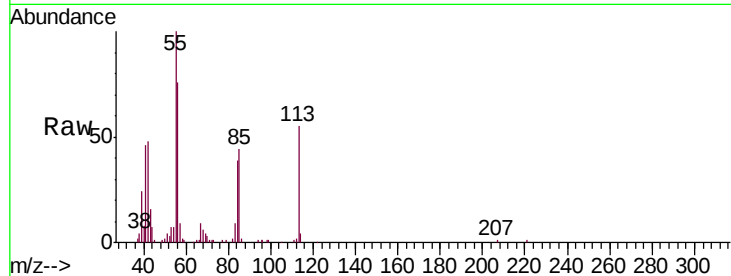
#35
 Caprolactam
 Concen: 47.316 ng m
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.6	175.5	215.5
56	139.1	142.3	182.3#

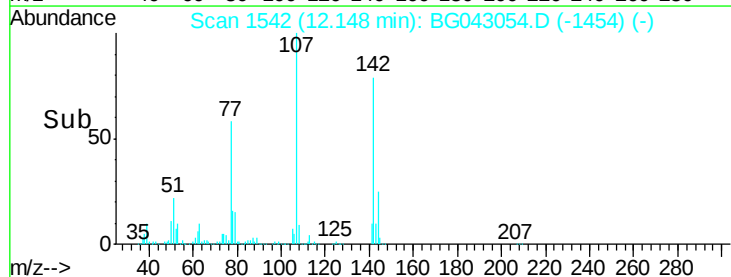
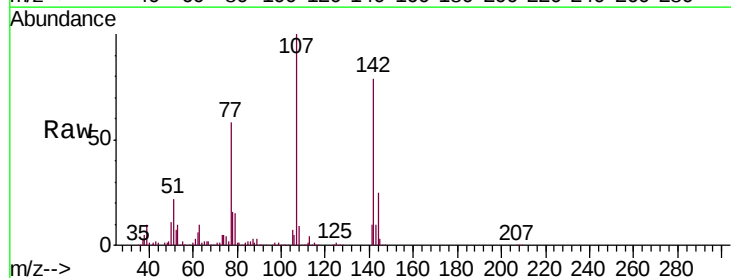
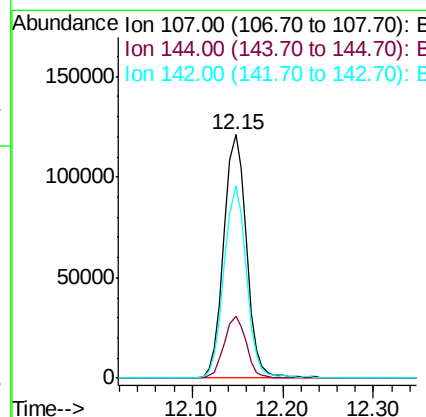
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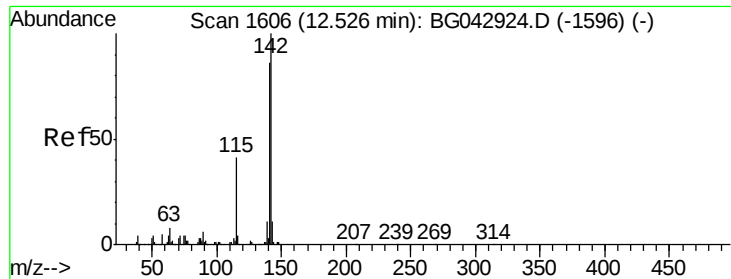
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#36
 4-Chloro-3-methylphenol
 Concen: 51.415 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.7	31.1
142	79.2	58.6	87.8





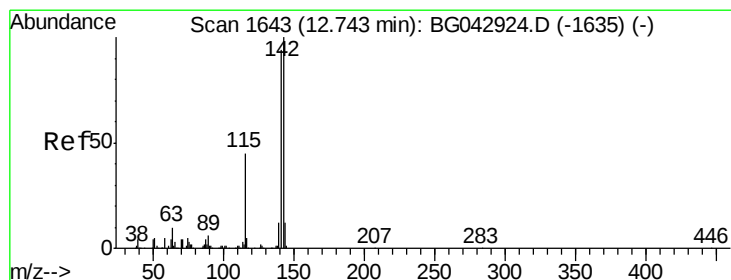
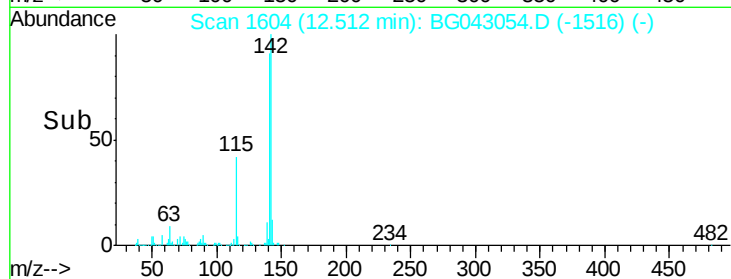
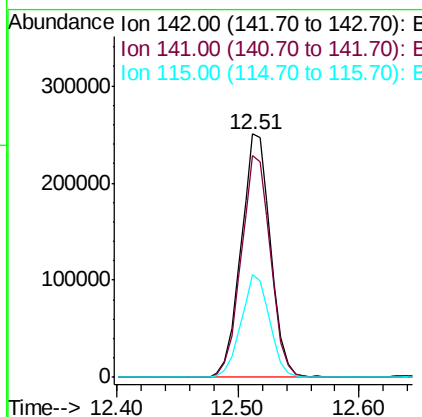
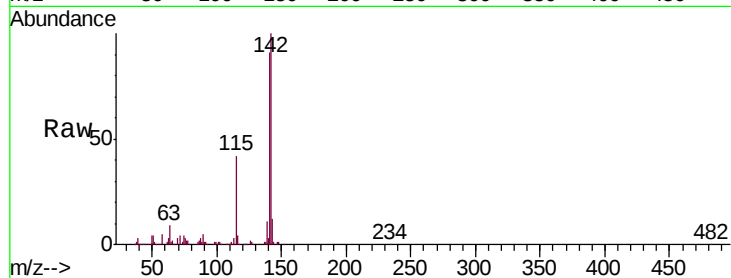
#37
 2-Methylnaphthalene
 Concen: 47.462 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.0	103.4
115	42.1	32.8	49.2

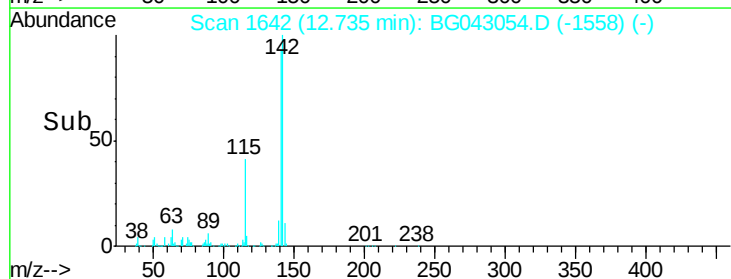
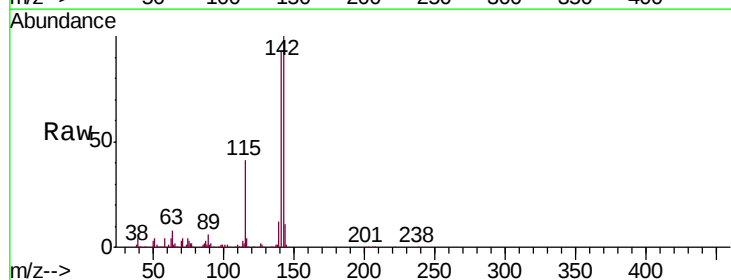
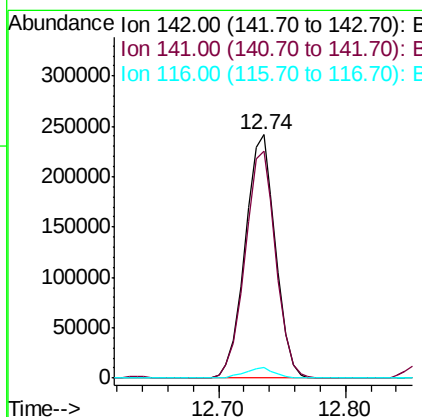
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#38
 1-Methylnaphthalene
 Concen: 47.324 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3
116	4.5	3.7	5.5





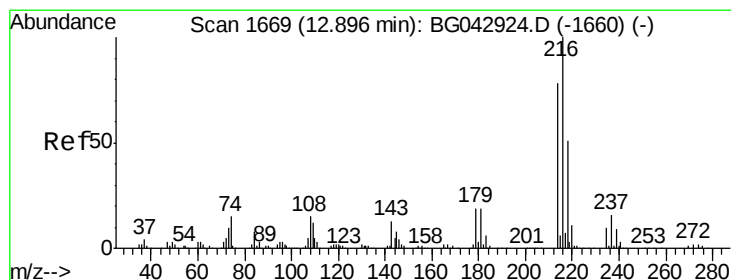
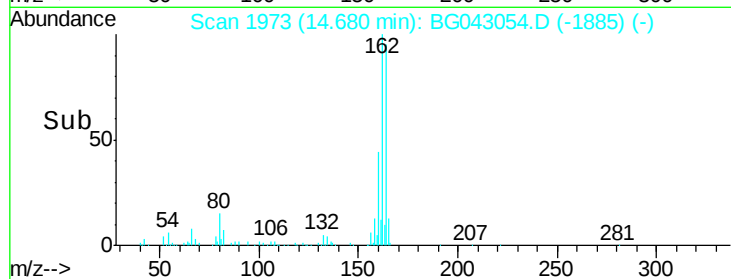
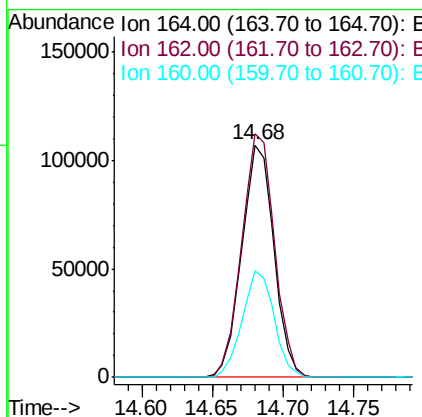
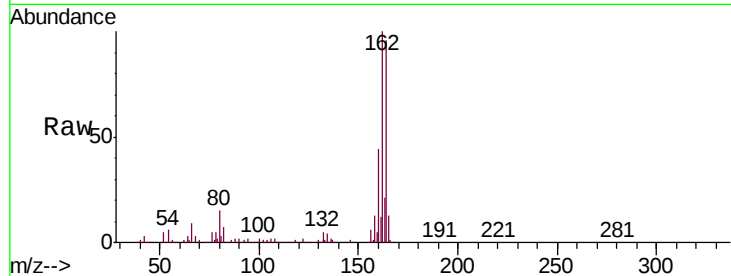
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171071		
162	104.7	78.5	117.7	
160	45.6	35.9	53.9	

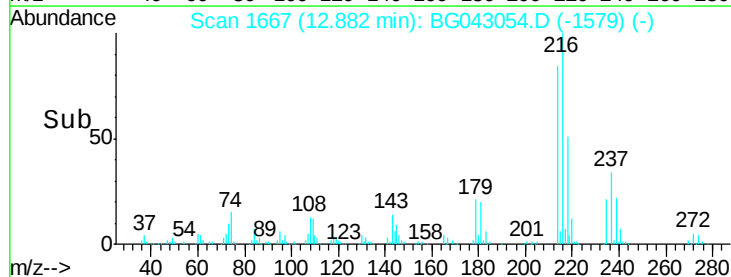
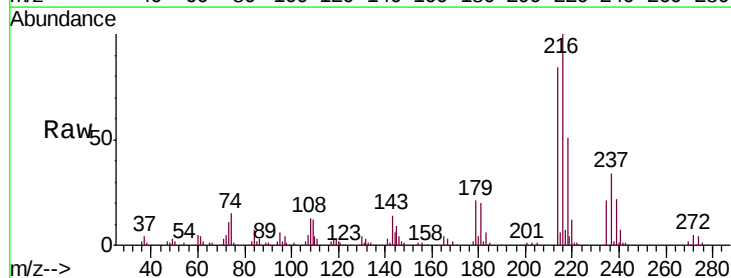
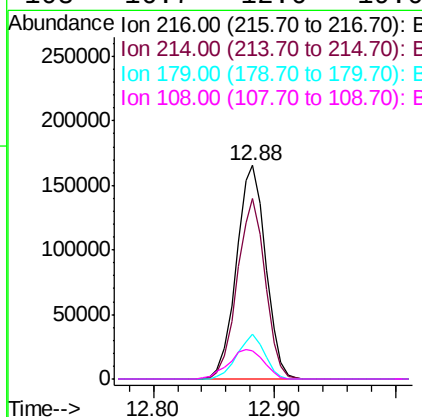
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.431 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	279355		
214	80.7	62.4	93.6	
179	19.8	15.4	23.2	
108	16.7	12.6	19.0	





#41

Hexachlorocyclopentadiene

Concen: 87.787 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

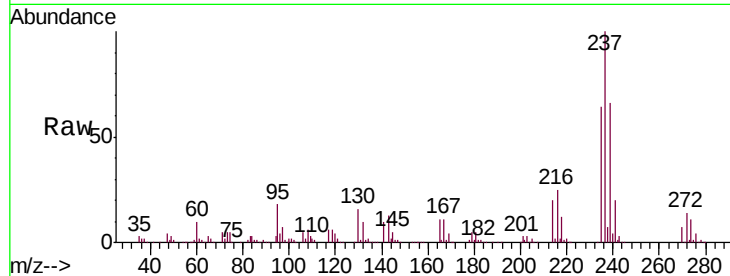
ClientSampleId :

20190773-SS-COMPOSITE-13MS

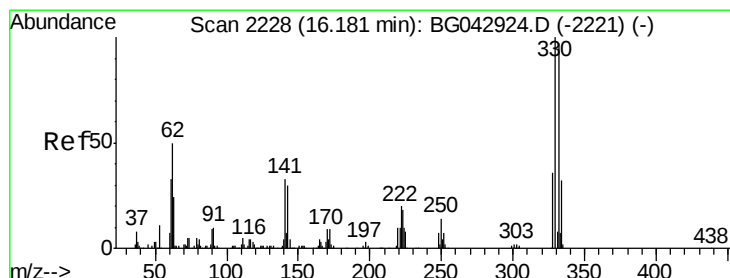
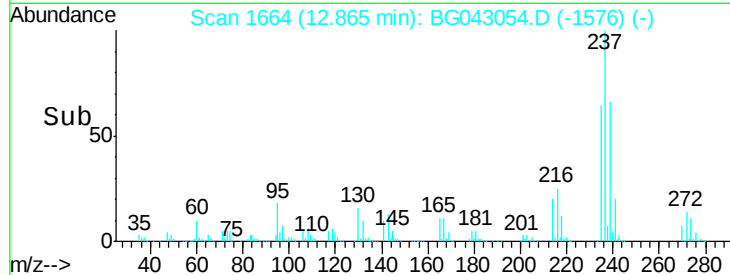
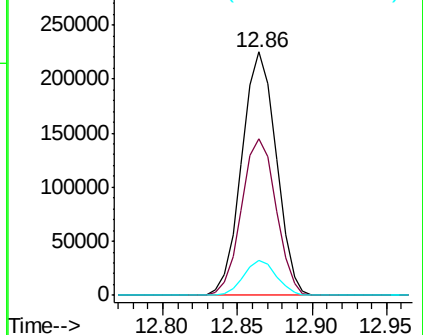
Tgt Ion:	237	Resp:	359777
Ion Ratio		Lower	Upper
237	100		
235	64.3	46.7	86.7
272	14.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 118.971 ng

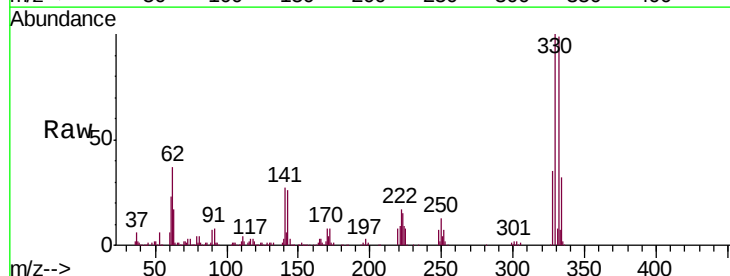
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

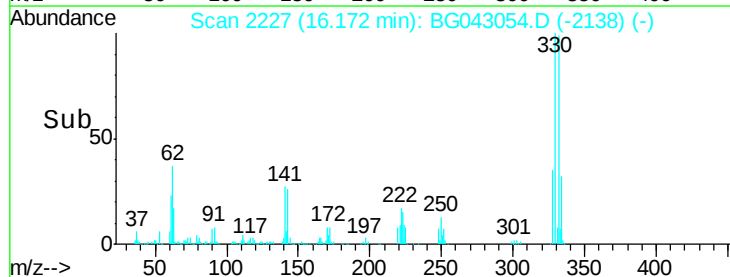
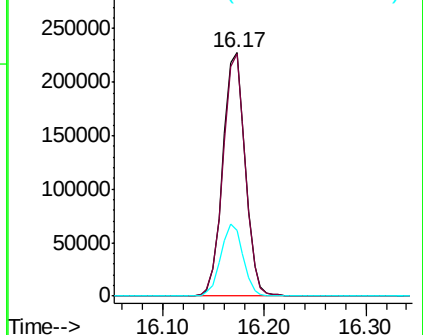
Lab File: BG043054.D

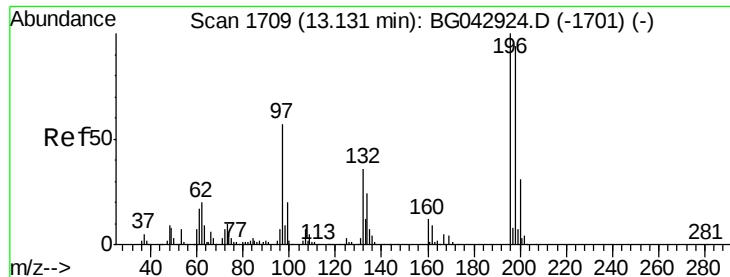
Acq: 5 Oct 2019 14:16

Tgt Ion:	330	Resp:	349974
Ion Ratio		Lower	Upper
330	100		
332	98.2	78.2	117.2
141	29.5	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





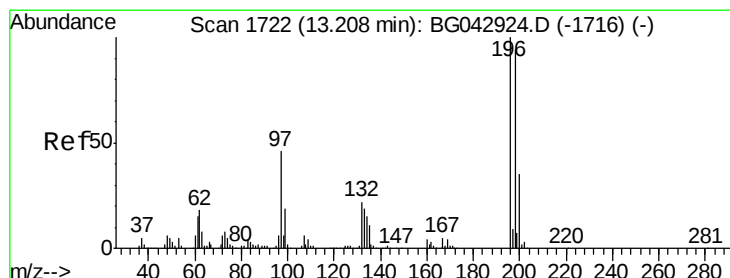
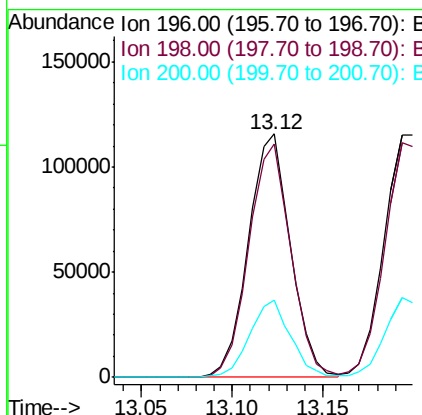
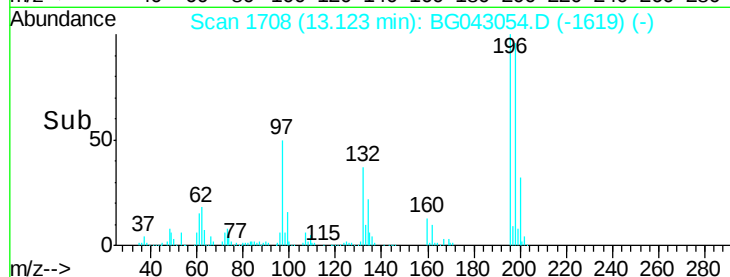
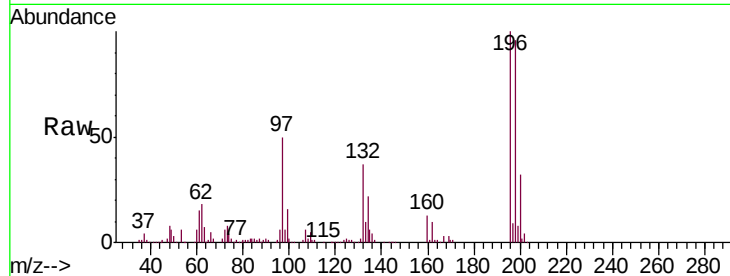
#43
 2,4,6-Trichlorophenol
 Concen: 49.723 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187196		
198	95.7	75.5	113.3	
200	31.8	24.9	37.3	

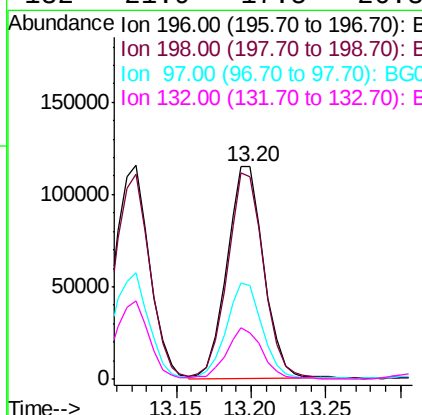
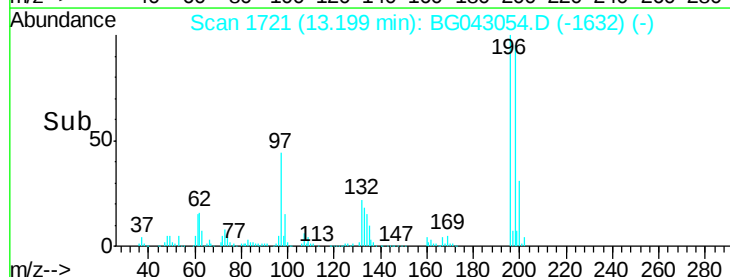
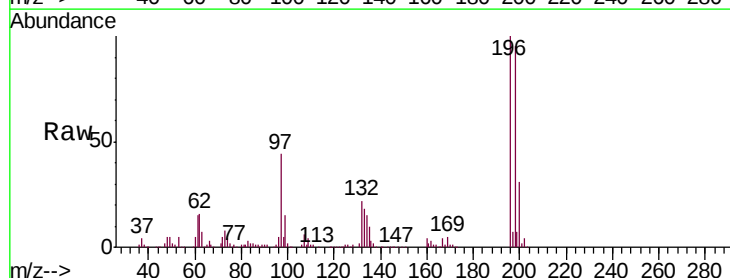
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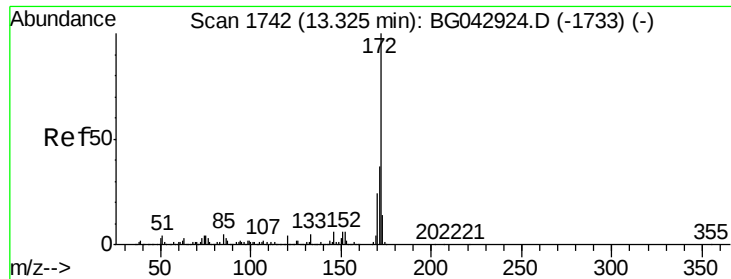
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.784 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196956		
198	95.3	75.1	112.7	
97	44.0	37.0	55.4	
132	21.9	17.5	26.3	





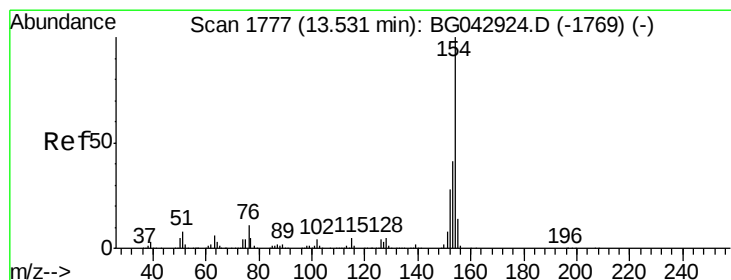
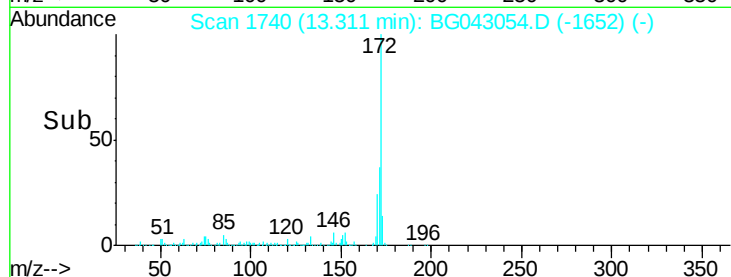
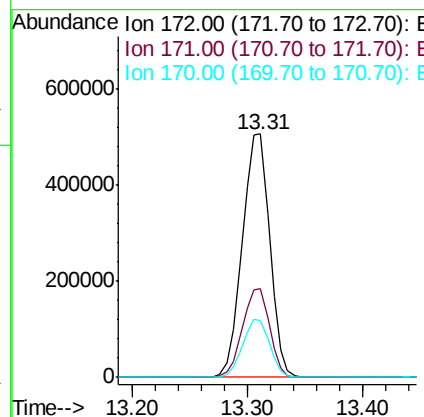
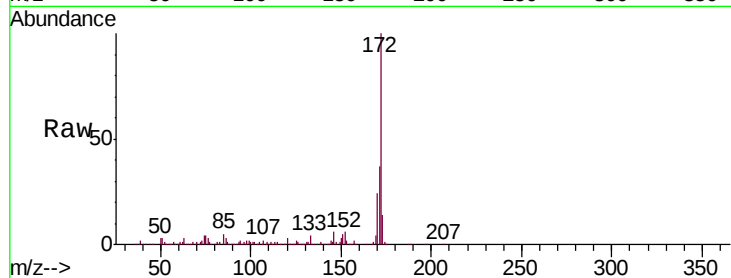
#45
 2-Fluorobiphenyl
 Concen: 70.477 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	831660		
171	36.7	29.6	44.4	
170	23.5	19.6	29.4	

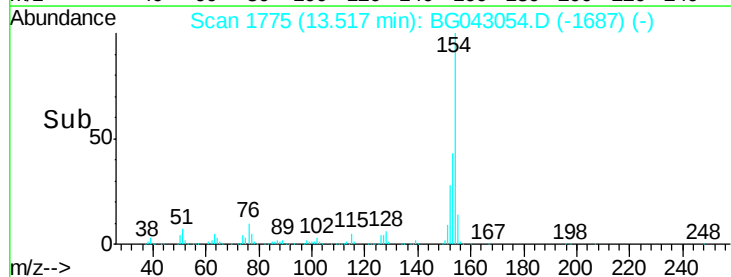
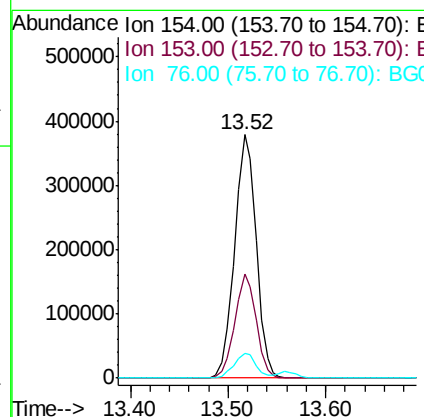
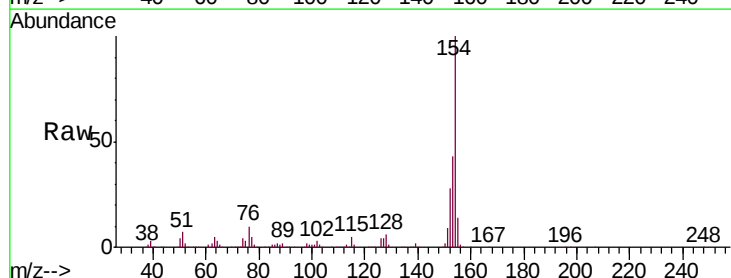
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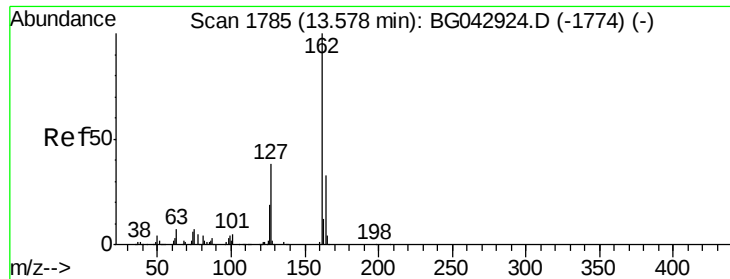
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#46
 1,1'-Biphenyl
 Concen: 44.678 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	579618		
153	42.7	21.4	61.4	
76	10.0	0.0	31.3	





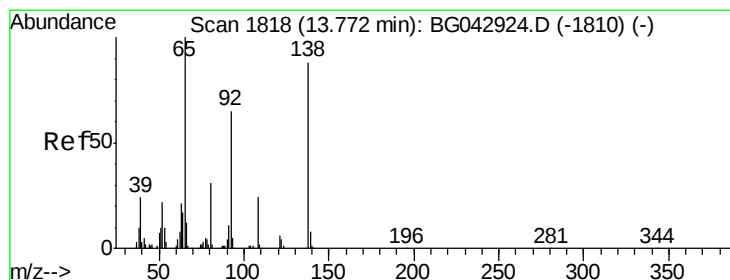
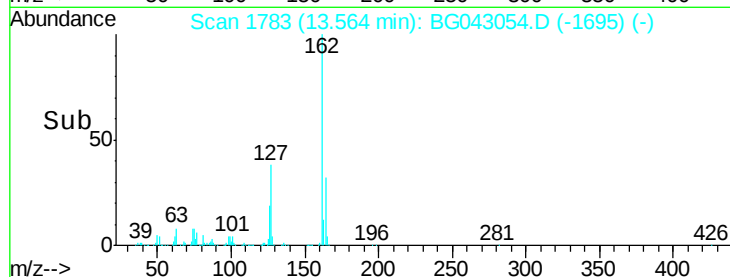
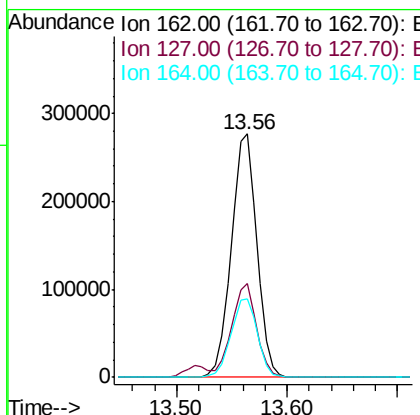
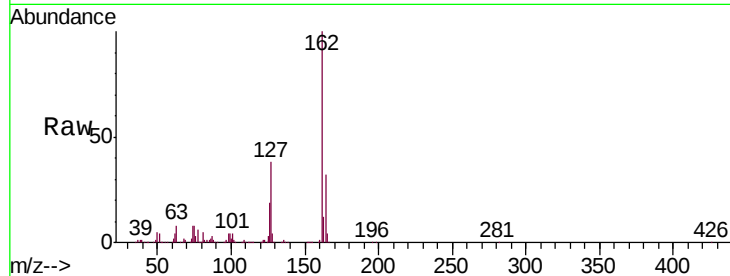
#47
 2-Chloronaphthalene
 Concen: 46.247 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	449826		
127	38.4		31.0	46.6
164	32.4		26.2	39.2

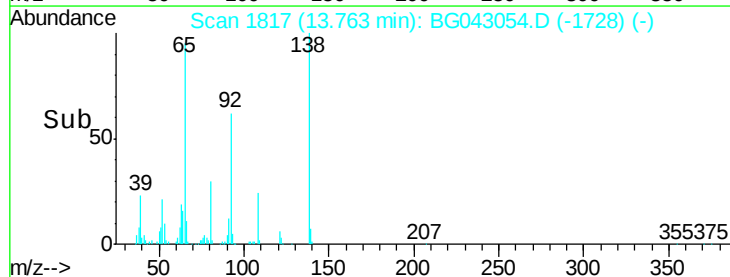
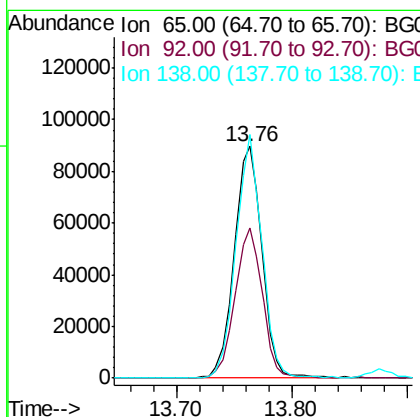
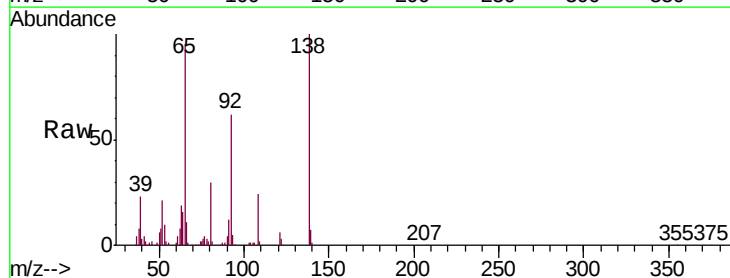
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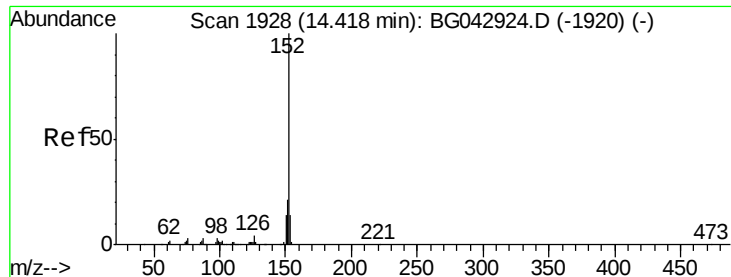
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#48
 2-Nitroaniline
 Concen: 45.912 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	148502		
92	64.8		52.0	78.0
138	105.1		70.4	105.6





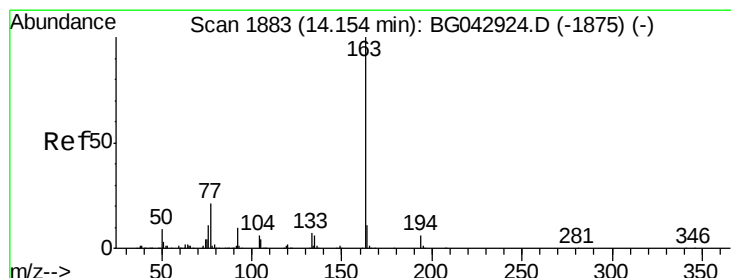
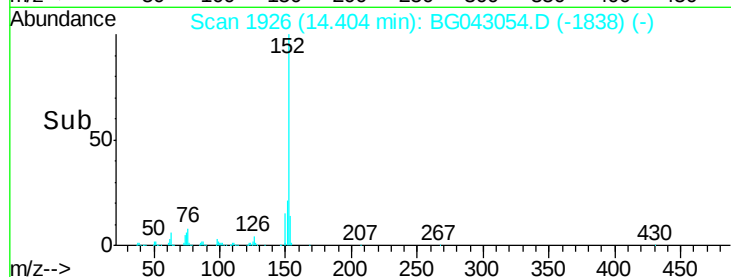
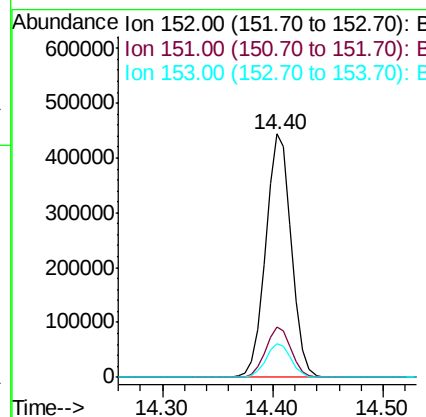
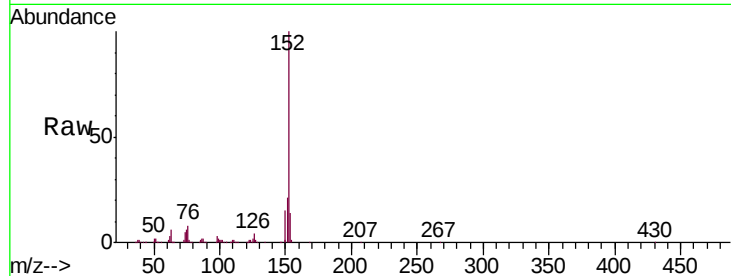
#49
Acenaphthylene
Concen: 48.374 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt	Ion	Resp	Lower	Upper
152	100			
151	20.8	16.8	25.2	
153	13.7	11.3	16.9	

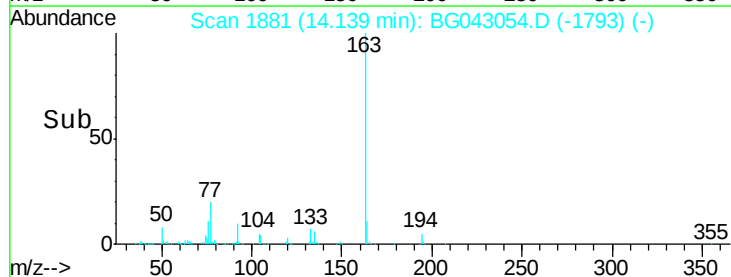
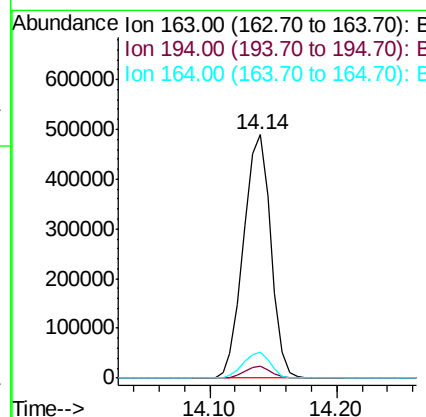
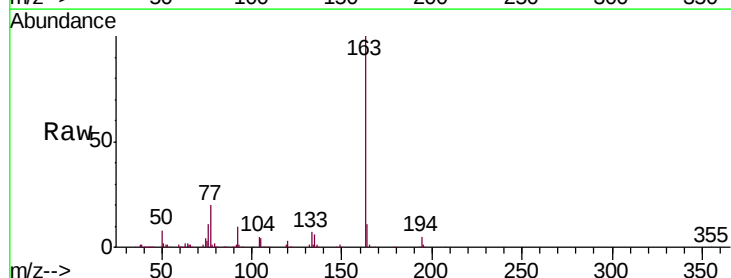
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#50
Dimethylphthalate
Concen: 56.802 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt	Ion	Resp	Lower	Upper
163	100			
194	4.7	4.4	6.6	
164	10.6	8.6	12.8	





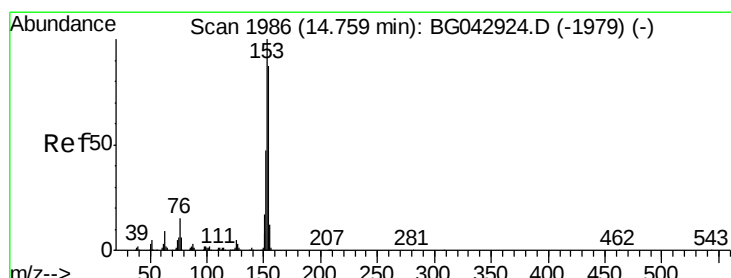
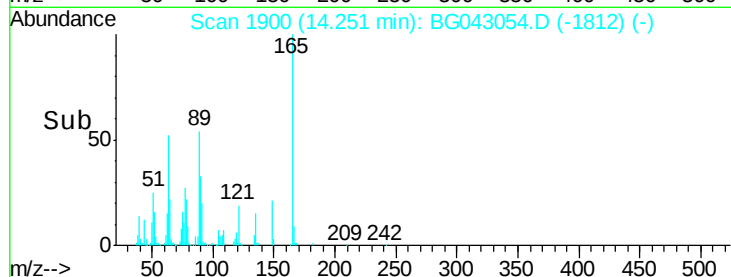
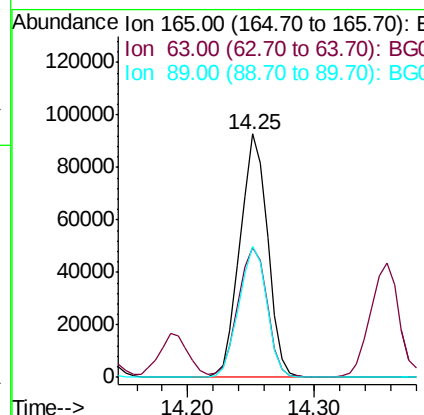
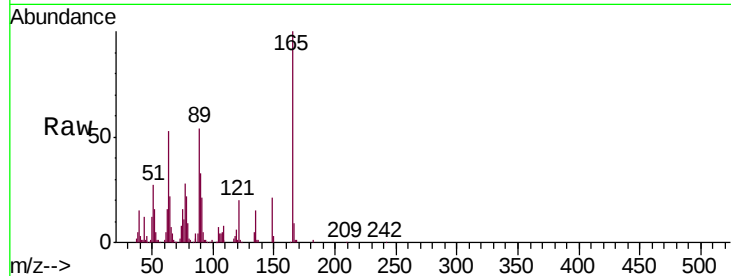
#51
 2,6-Dinitrotoluene
 Concen: 51.242 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139871		
63	53.5	50.3	75.5	
89	53.7	48.9	73.3	

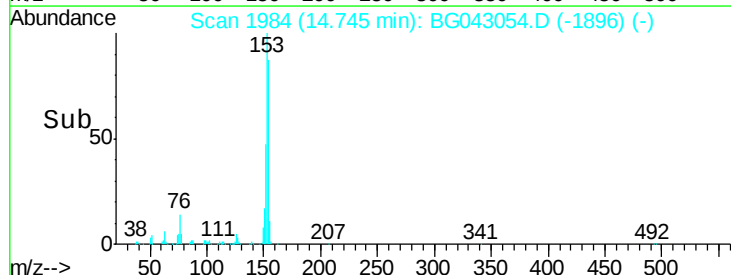
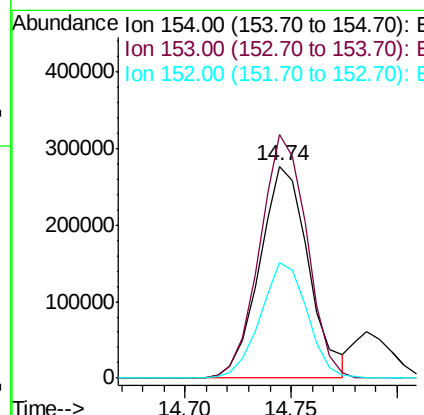
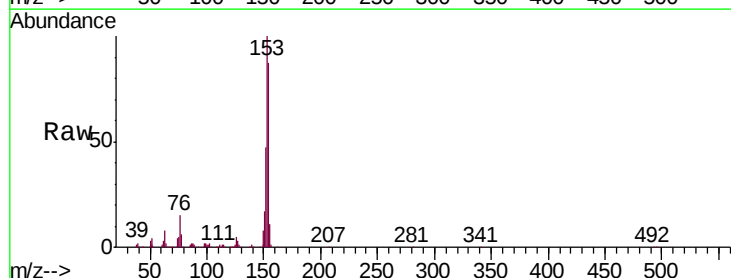
Manual Integrations
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#52
 Acenaphthene
 Concen: 44.659 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	444895		
153	115.0	91.4	137.0	
152	54.4	42.8	64.2	





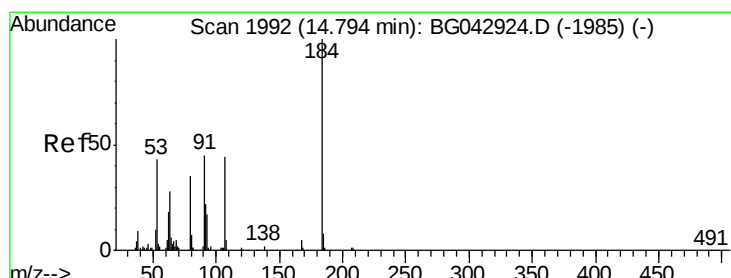
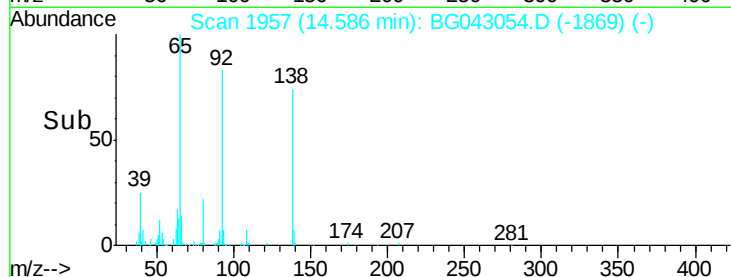
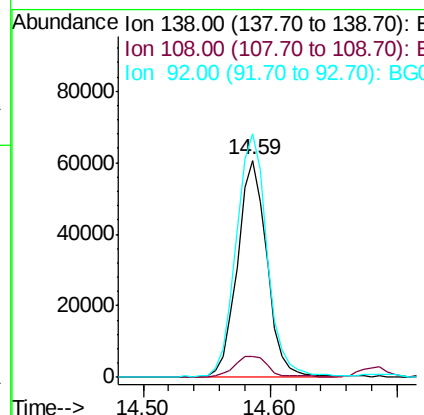
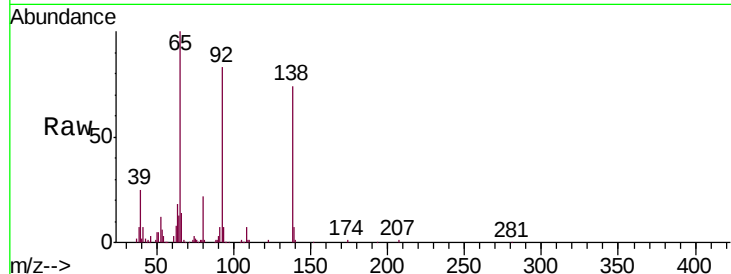
#53
 3-Nitroaniline
 Concen: 34.591 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	112.2	97.0	145.6

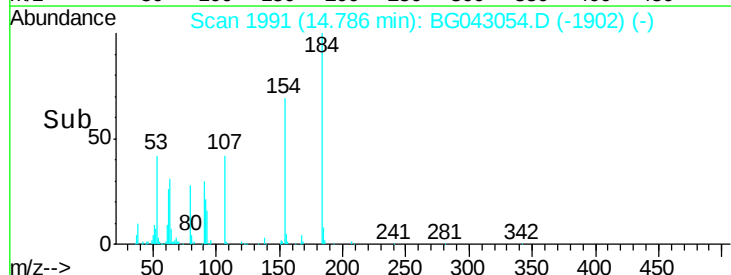
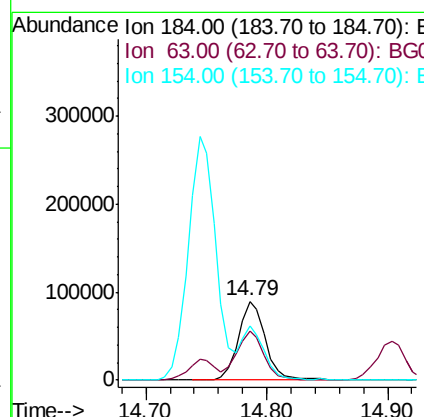
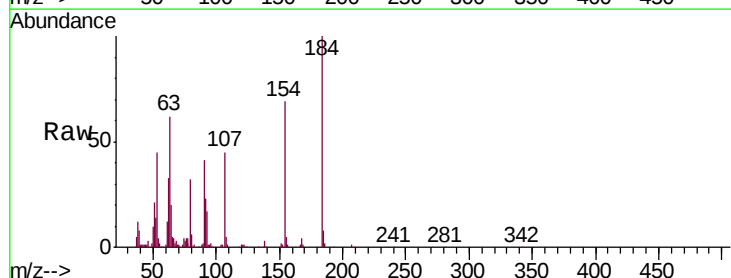
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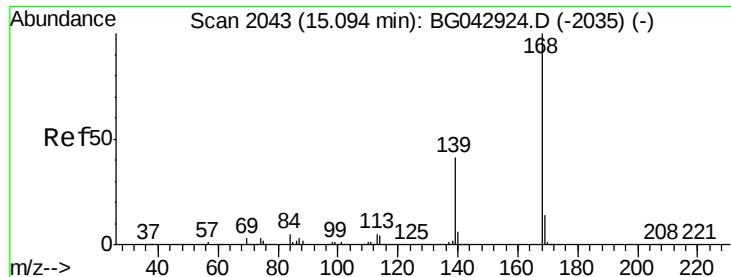
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#54
 2,4-Dinitrophenol
 Concen: 82.045 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	55.0	82.6
154	68.6	56.5	84.7





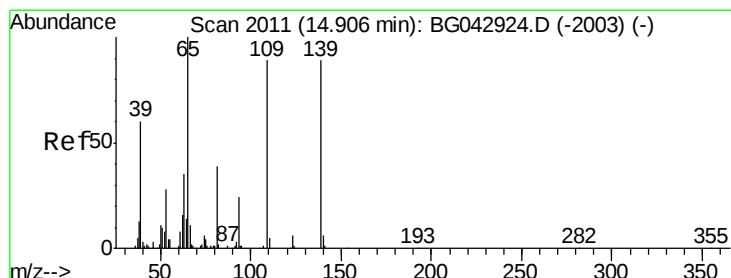
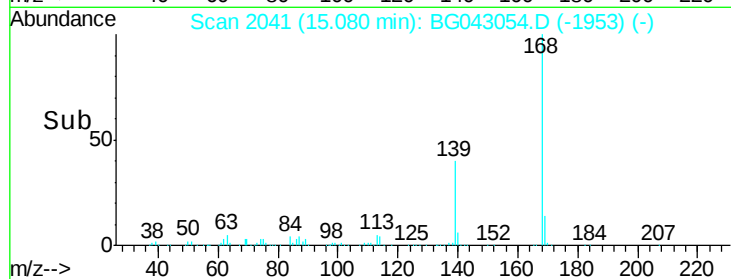
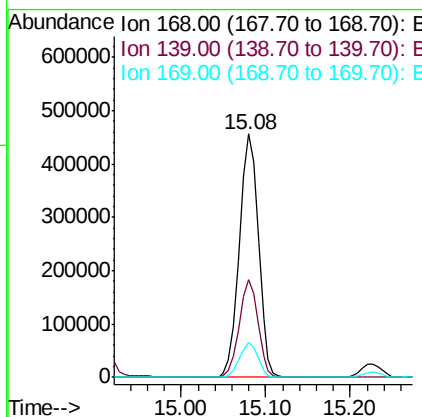
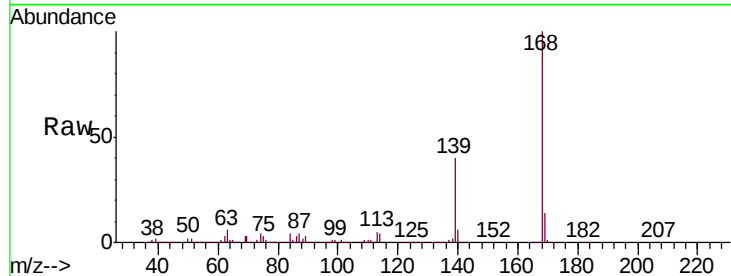
#55
Dibenzenofuran
Concen: 47.833 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	704898		
139	40.4	32.6	48.8	
169	14.4	11.2	16.8	

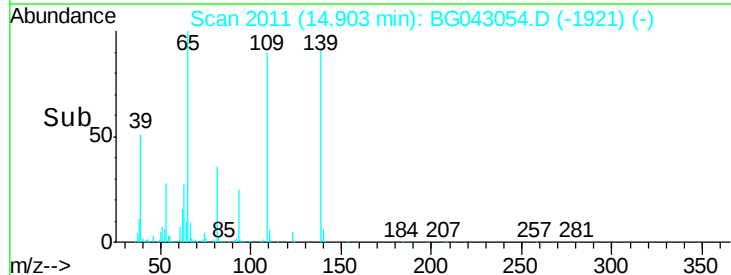
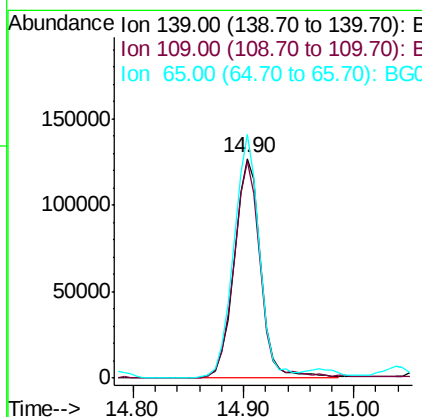
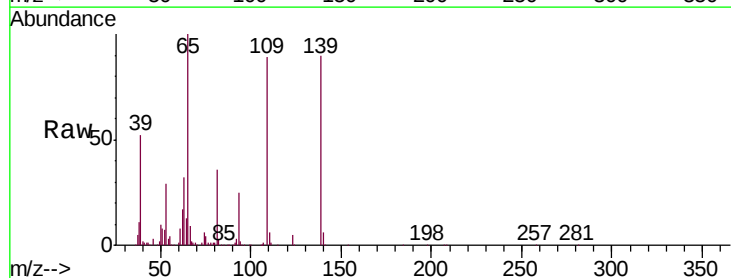
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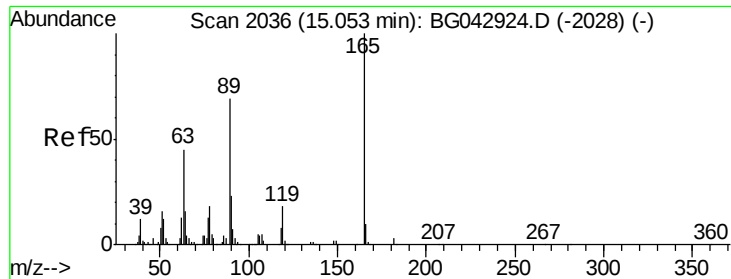
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#56
4-Nitrophenol
Concen: 100.095 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	215140		
109	99.0	79.4	119.4	
65	111.0	92.5	132.5	





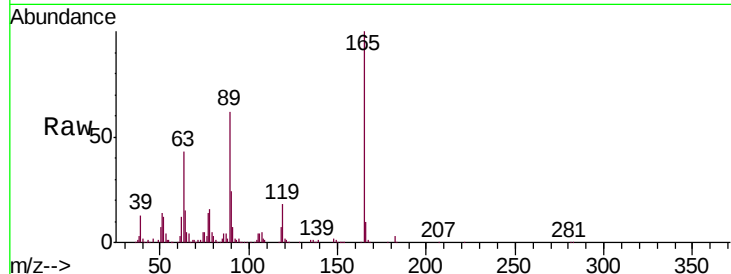
#57
 2,4-Dinitrotoluene
 Concen: 48.125 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

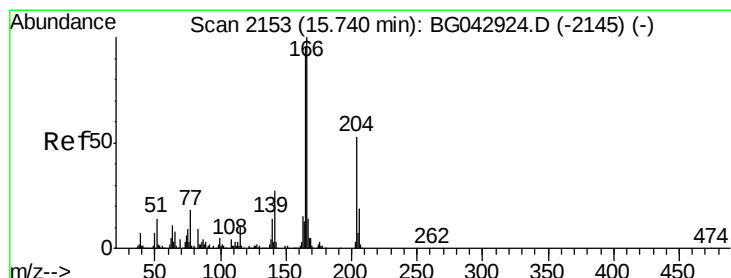
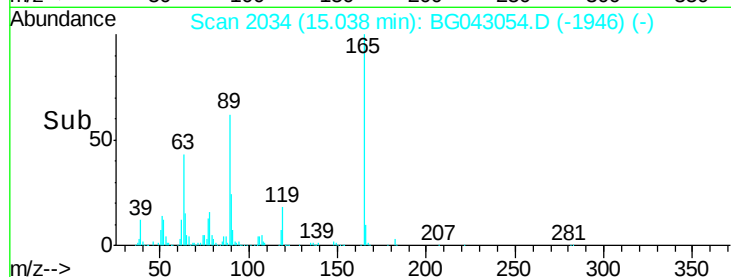
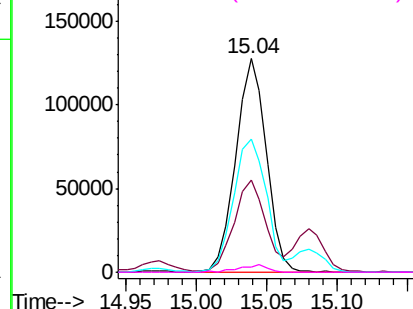
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192368		
63	43.1	36.5	54.7	
89	62.5	55.5	83.3	
182	2.7	2.4	3.6	

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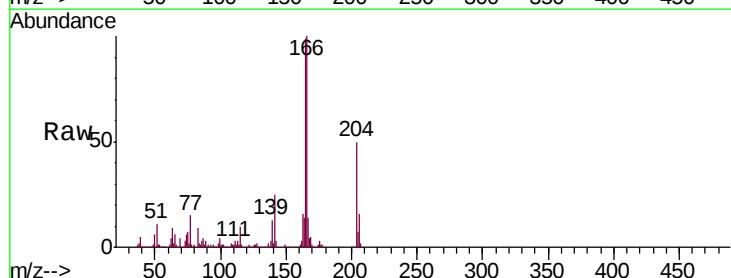


Abundance Ion 165.00 (164.70 to 165.70): E
 200000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

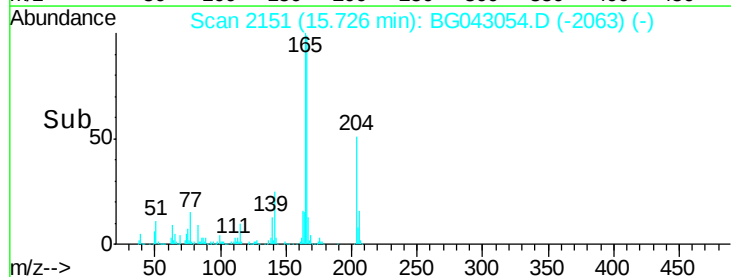
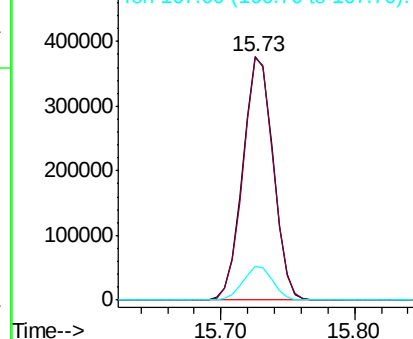


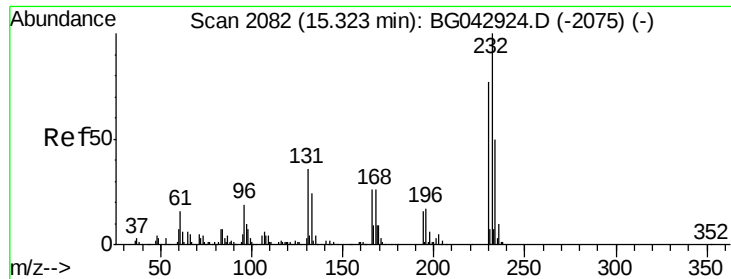
#58
 Fluorene
 Concen: 46.911 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	590206		
165	99.3	77.1	115.7	
167	13.8	11.0	16.6	



Abundance Ion 166.00 (165.70 to 166.70): E
 500000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





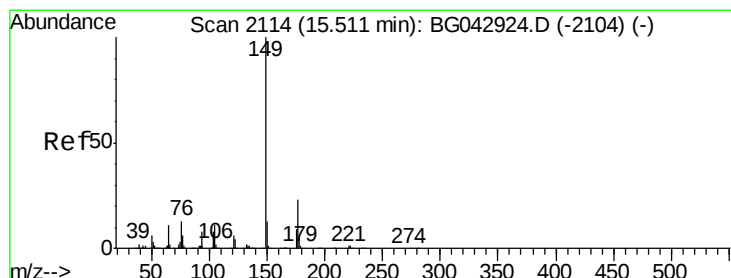
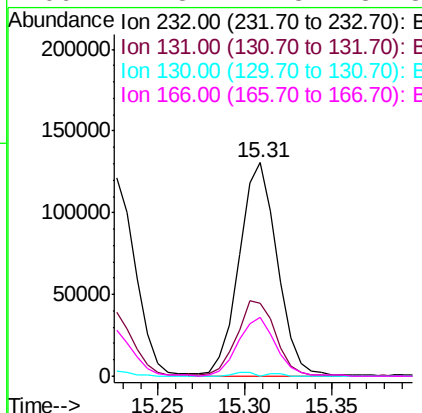
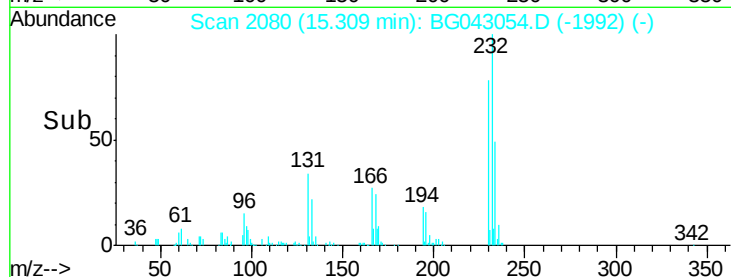
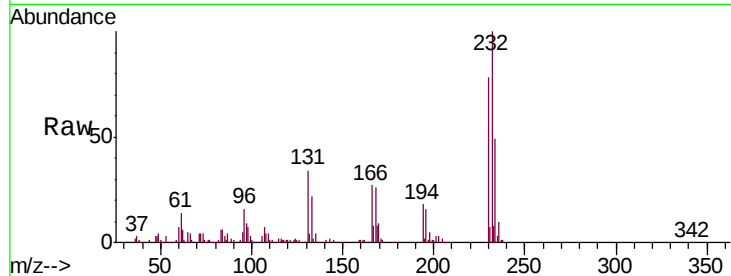
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.487 ng m
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	31.0	29.6	44.4
130	2.2	1.9	2.9
166	21.8	21.8	32.8#

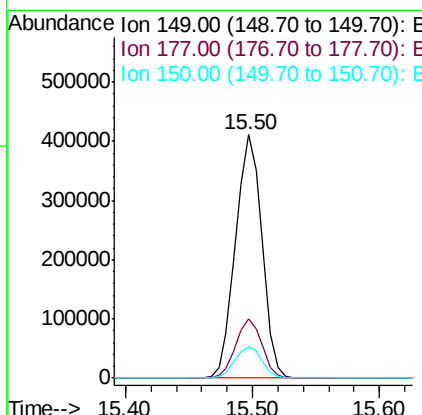
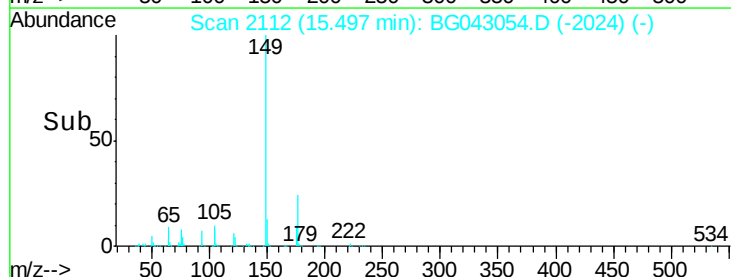
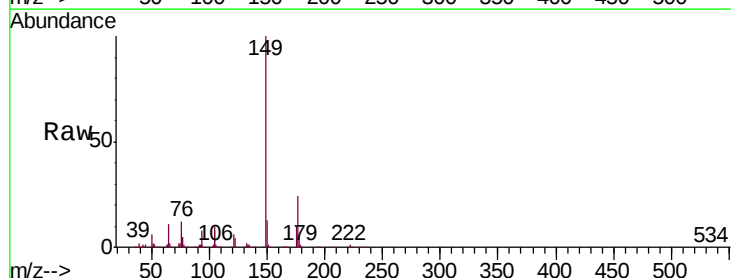
Manual Integrations
APPROVED

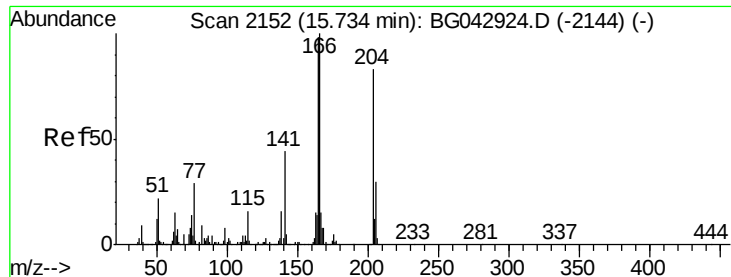
mohammad
10/7/2019 4:39:02 PM



#60
Diethylphthalate
Concen: 45.298 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.4	18.8	28.2
150	12.9	10.6	15.8





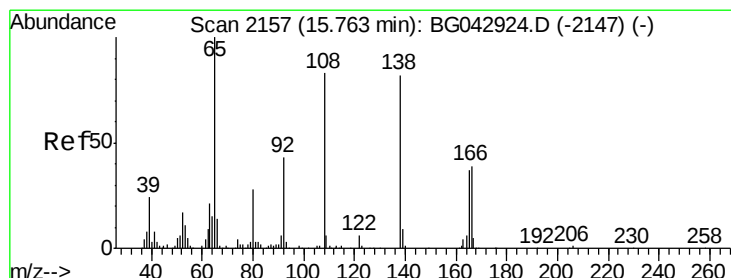
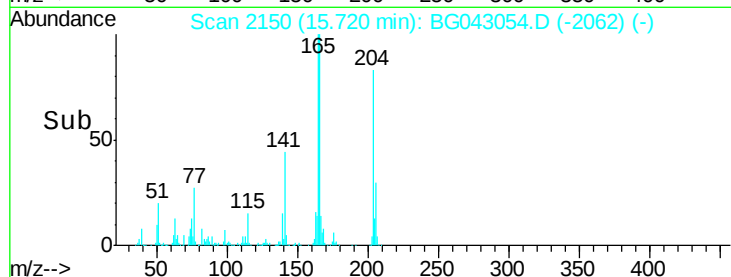
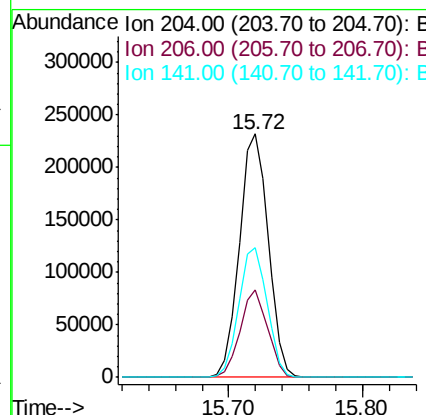
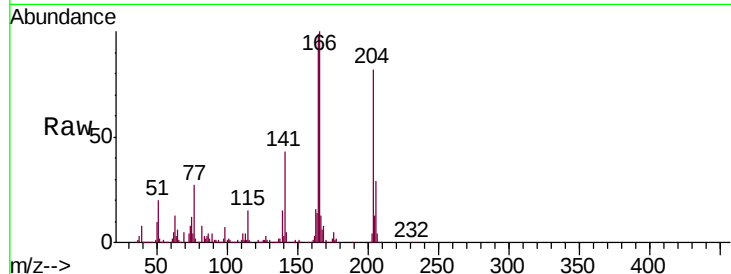
#61
4-Chlorophenyl-phenylether
Concen: 45.969 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	346859		
206	36.0	28.5	42.7	
141	53.1	42.4	63.6	

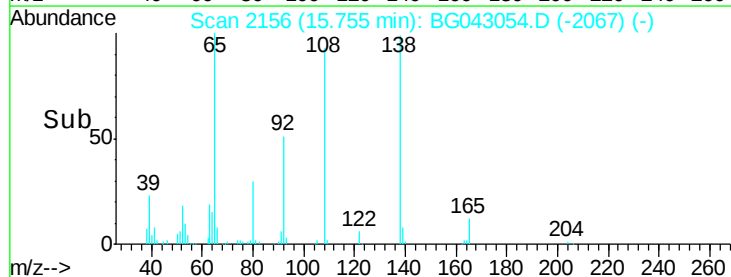
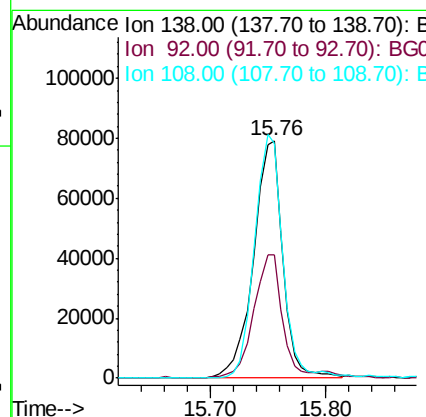
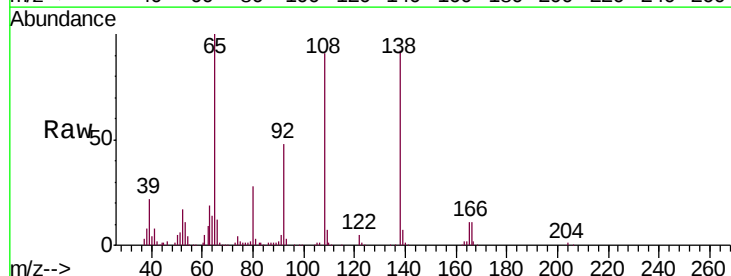
Manual Integrations
APPROVED

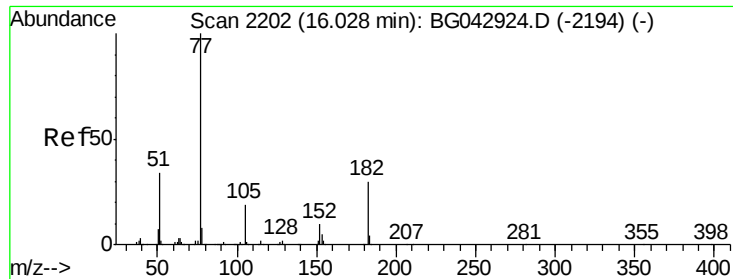
mohammad
10/7/2019 4:39:02 PM



#62
4-Nitroaniline
Concen: 45.678 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140532		
92	51.7	32.9	72.9	
108	98.7	81.3	121.3	





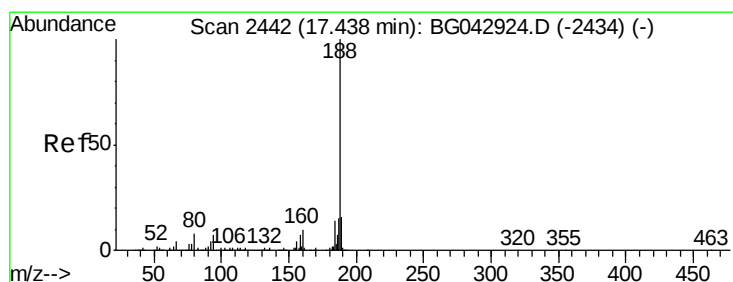
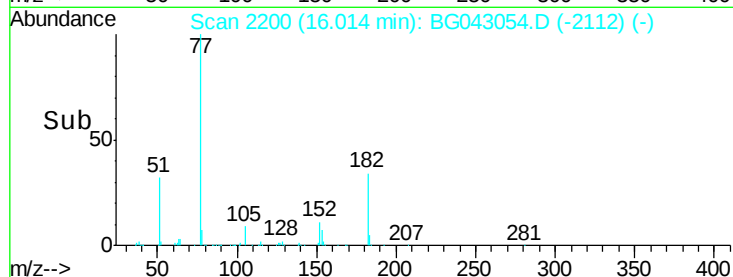
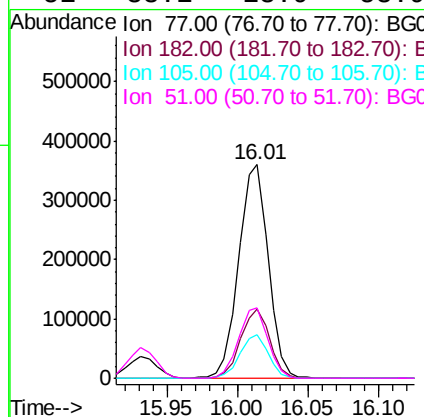
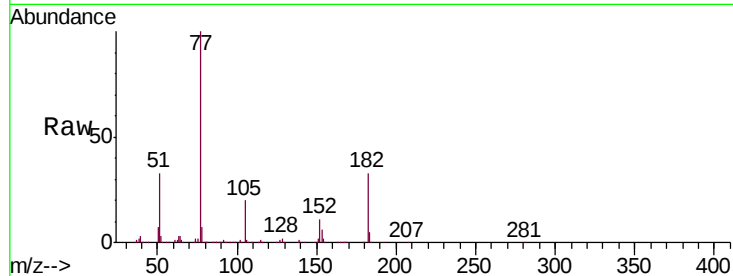
#63
Azobenzene
Concen: 44.091 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	523631		
182	32.5	10.2	50.2	
105	20.2	0.0	39.1	
51	33.1	13.9	53.9	

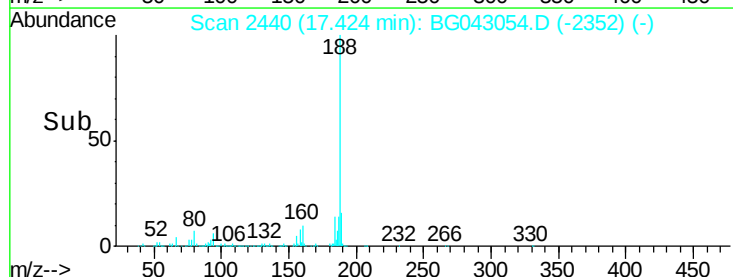
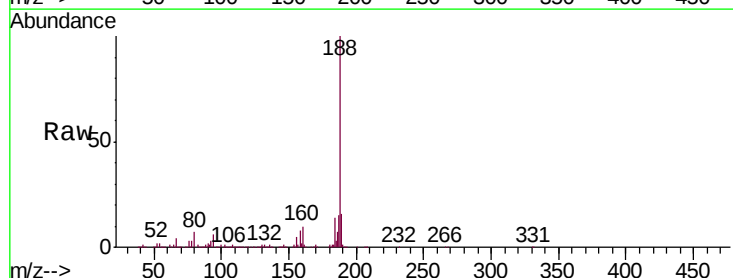
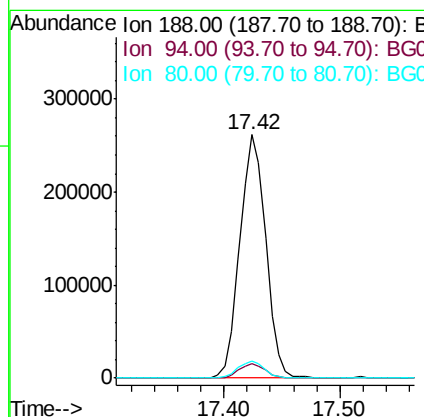
Manual Integrations
APPROVED

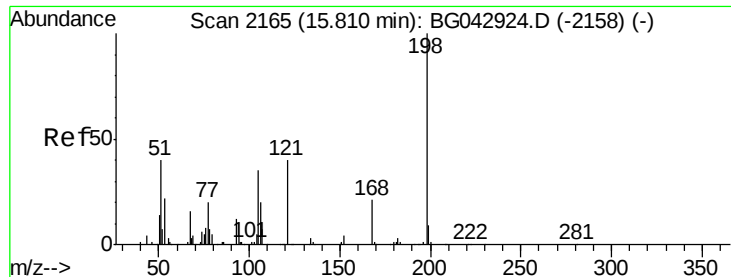
mohammad
10/7/2019 4:39:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	406565		
94	5.7	5.7	8.5	
80	7.0	6.5	9.7	





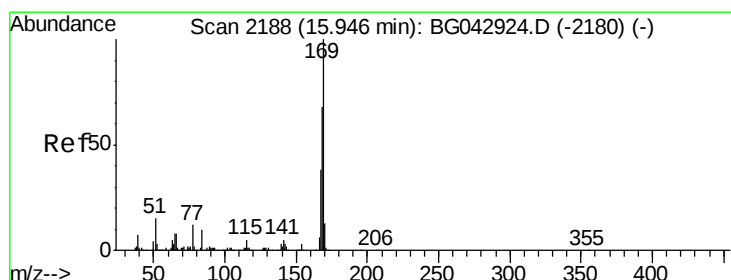
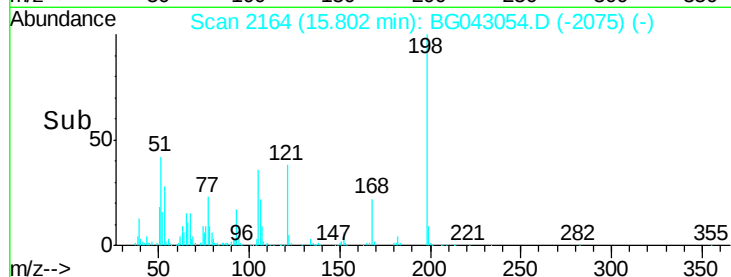
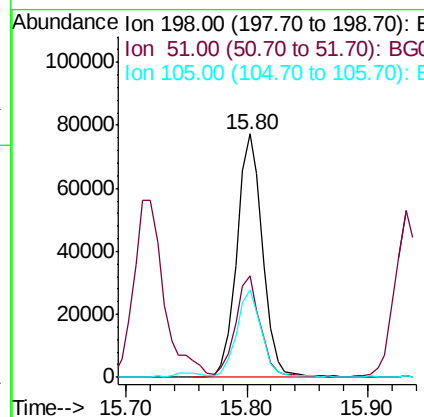
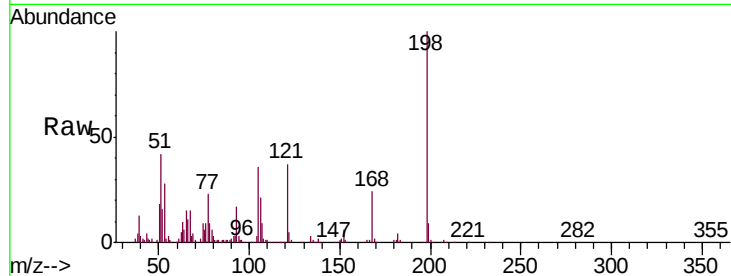
#65
4,6-Dinitro-2-methylphenol
Concen: 49.683 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114302		
51	41.7	25.3	65.3	
105	35.8	16.6	56.6	

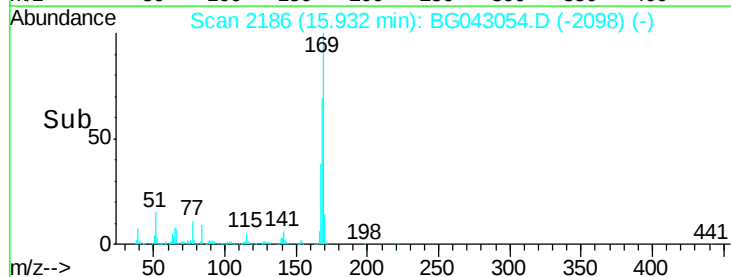
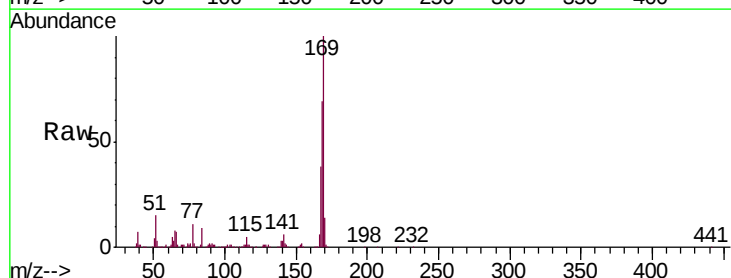
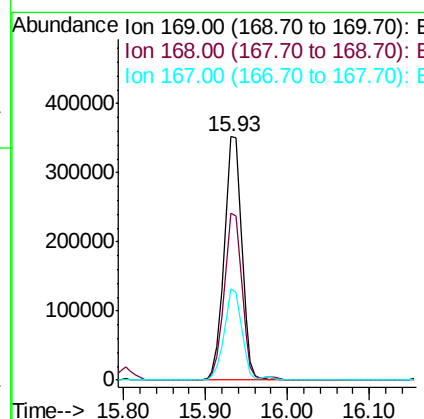
Manual Integrations
APPROVED

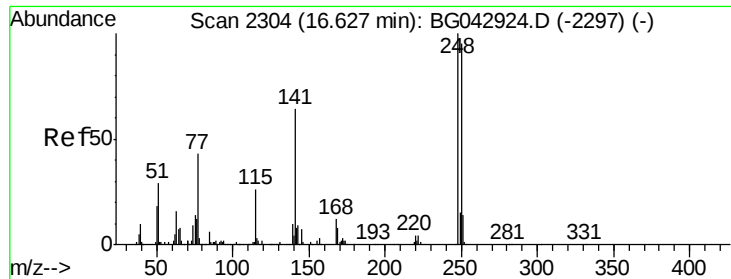
mohammad
10/7/2019 4:39:02 PM



#66
n-Nitrosodiphenylamine
Concen: 49.569 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	532009		
168	68.8	54.8	82.2	
167	37.6	30.6	46.0	





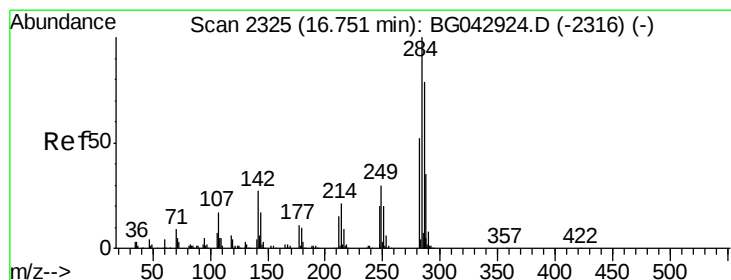
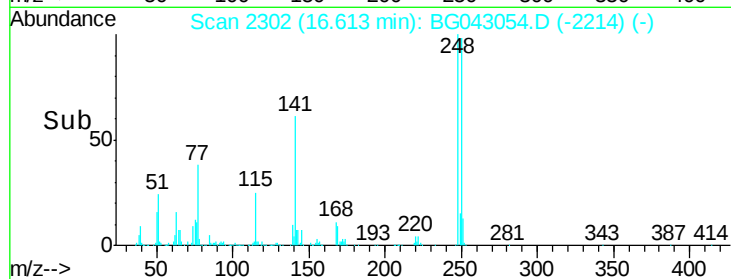
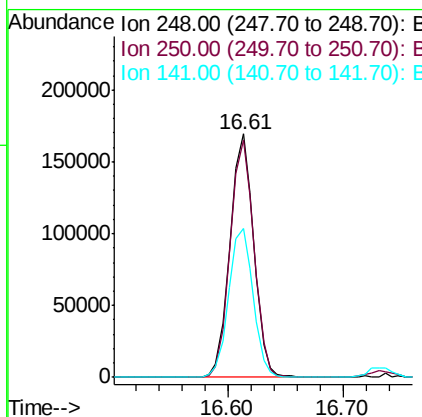
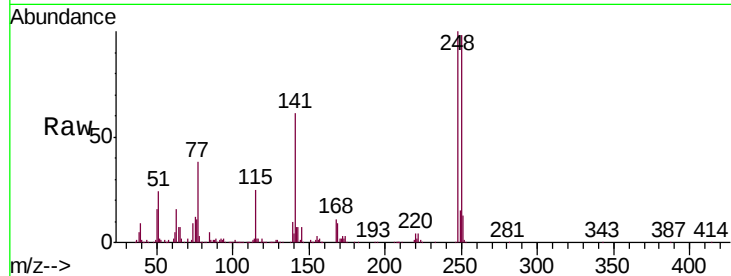
#67
4-Bromophenyl-phenylether
Concen: 47.353 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.8	113.8
141	61.0	51.1	76.7

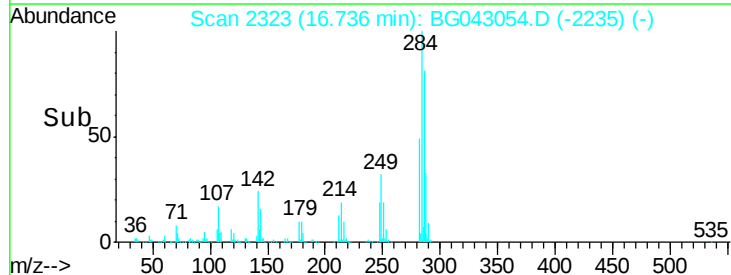
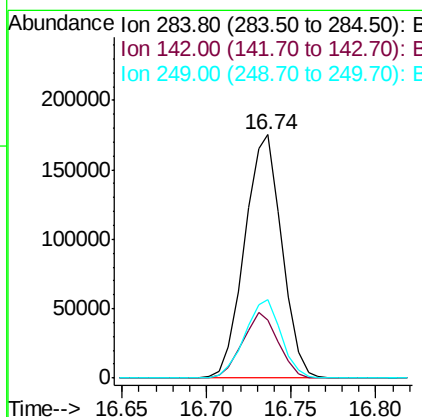
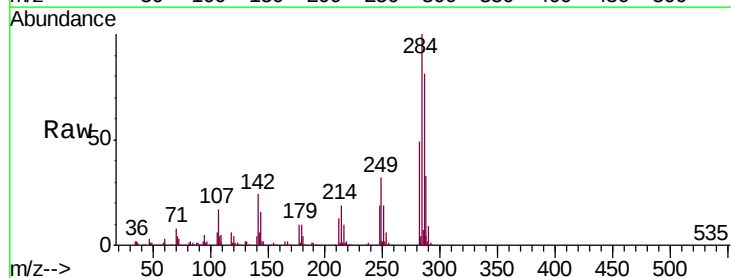
Manual Integrations
APPROVED

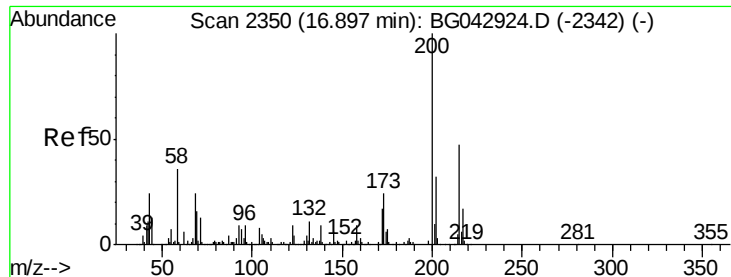
mohammad
10/7/2019 4:39:02 PM



#68
Hexachlorobenzene
Concen: 46.947 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.9	21.6	32.4
249	32.1	24.1	36.1





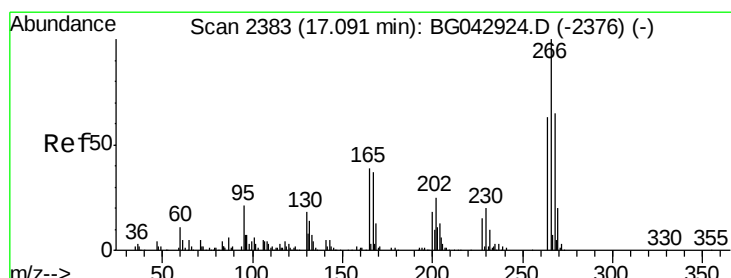
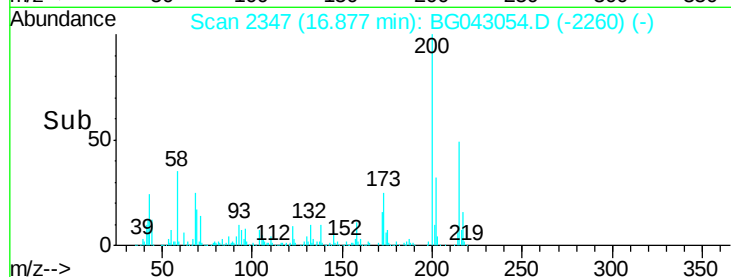
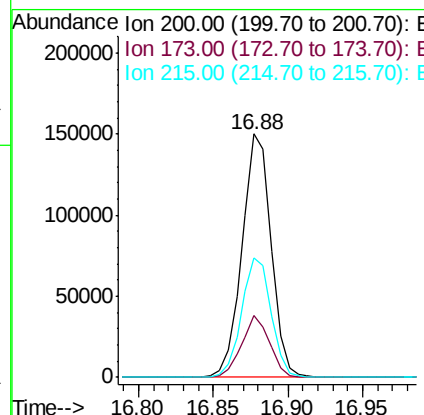
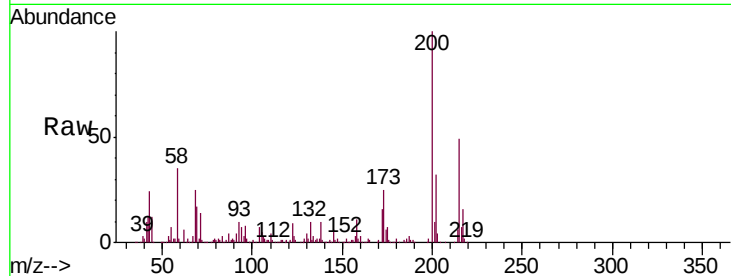
#69
Atrazine
Concen: 44.773 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.3	4.0	44.0
215	49.2	27.4	67.4

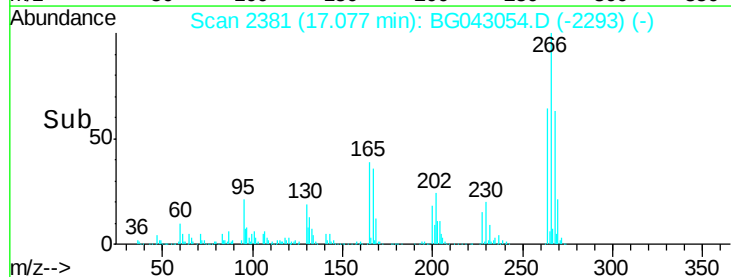
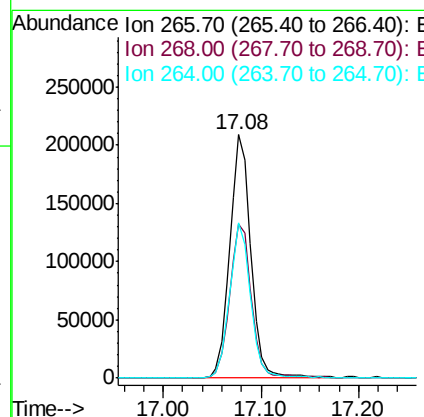
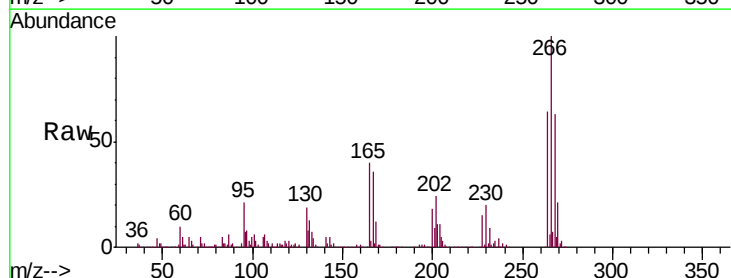
Manual Integrations
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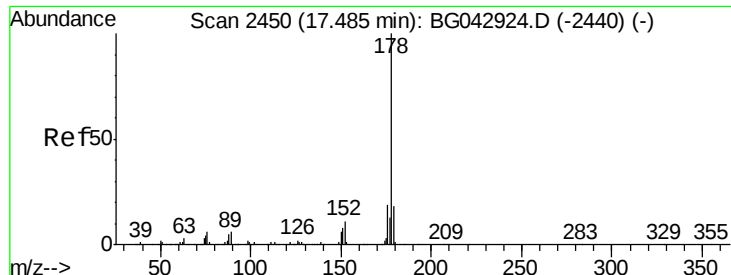
mohammad
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#70
Pentachlorophenol
Concen: 95.751 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	52.2	78.2
264	63.8	50.7	76.1





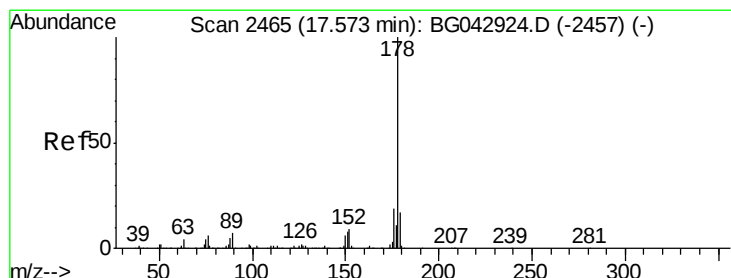
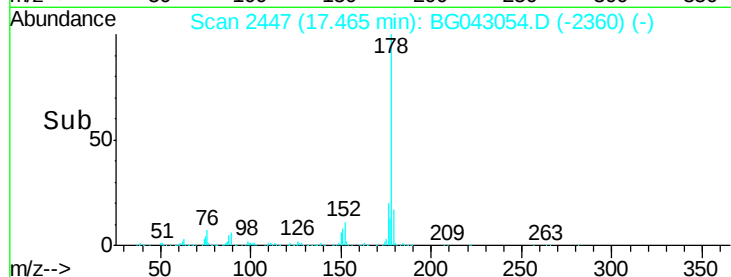
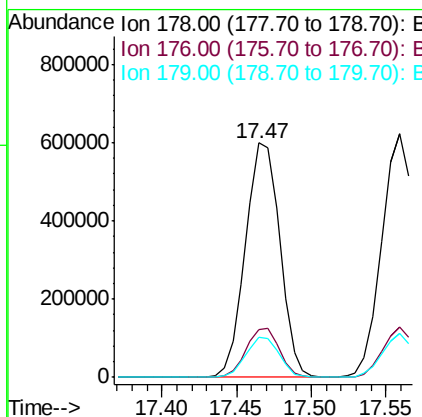
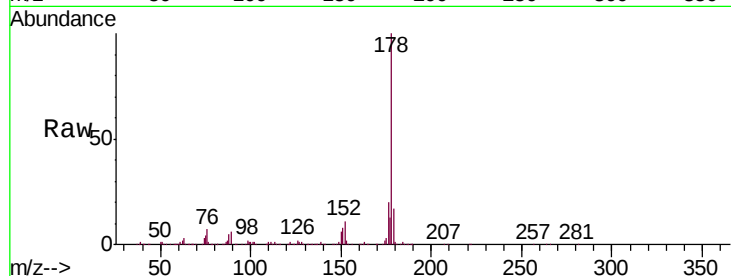
#71
Phenanthrene
Concen: 48.301 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	16.8	14.1	21.1

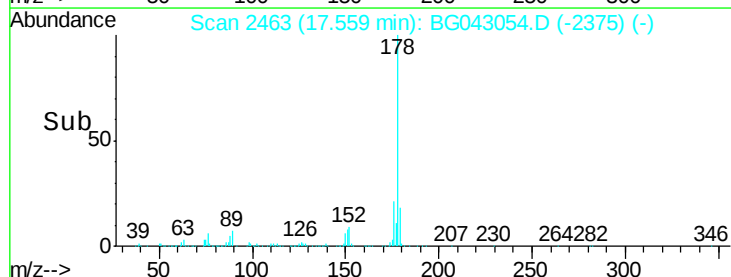
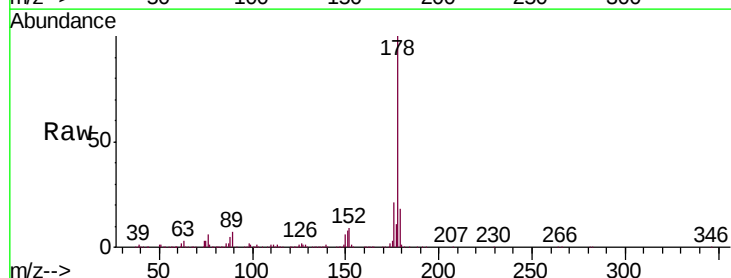
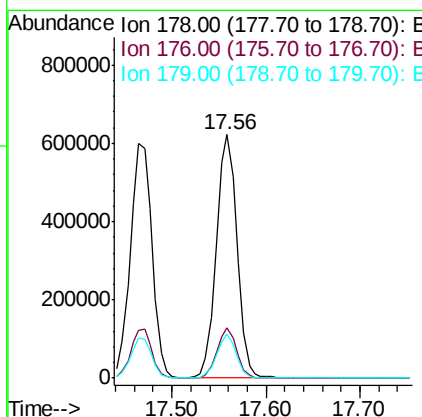
Manual Integrations
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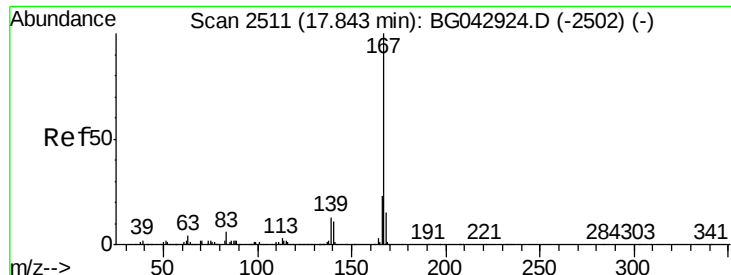
mohammad
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#72
Anthracene
Concen: 48.418 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.5	23.3
179	17.9	13.5	20.3





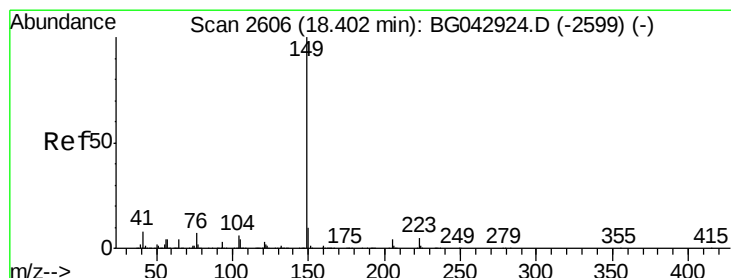
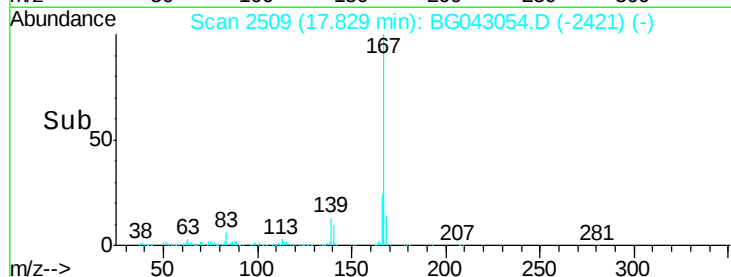
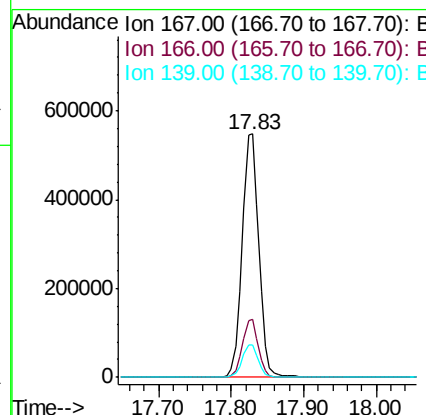
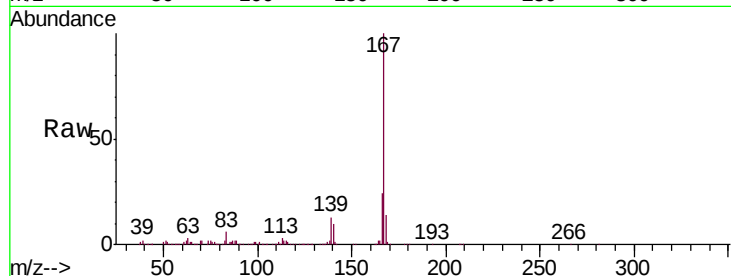
#73
 Carbazole
 Concen: 47.691 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.6	28.0
139	13.3	10.8	16.2

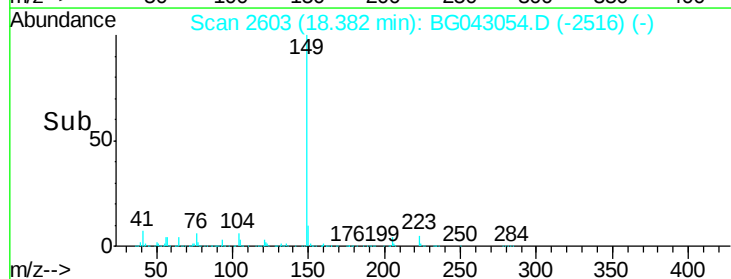
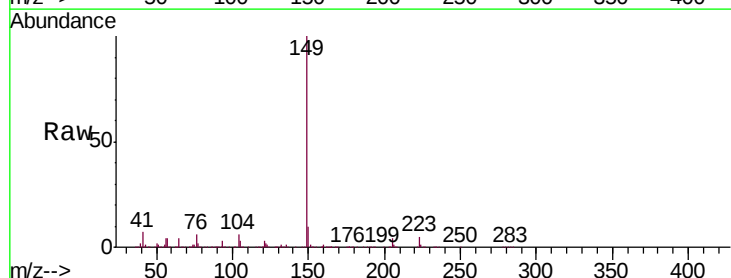
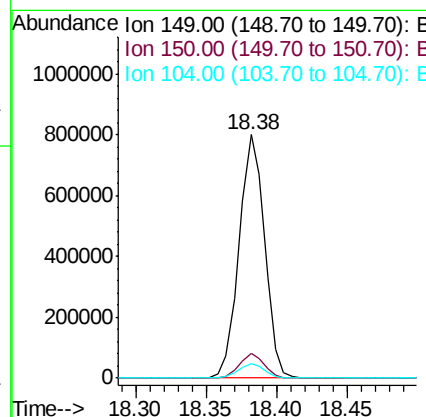
Manual Integrations
 APPROVED

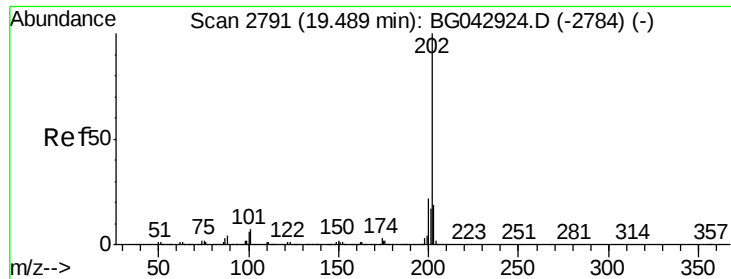
mohammad
 10/7/2019 4:39:02 PM



#74
 Di-n-butylphthalate
 Concen: 45.875 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.0	5.0	7.6





#75

Fluoranthene

Concen: 48.835 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

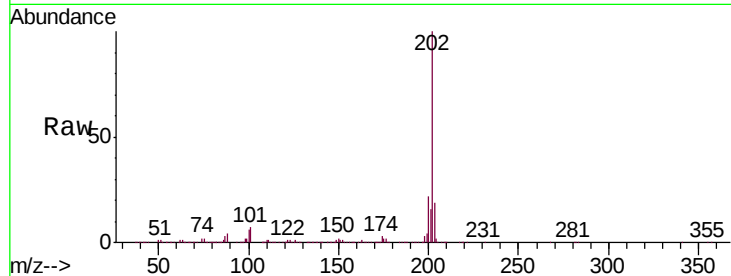
ClientSampleId :

20190773-SS-COMPOSITE-13MS

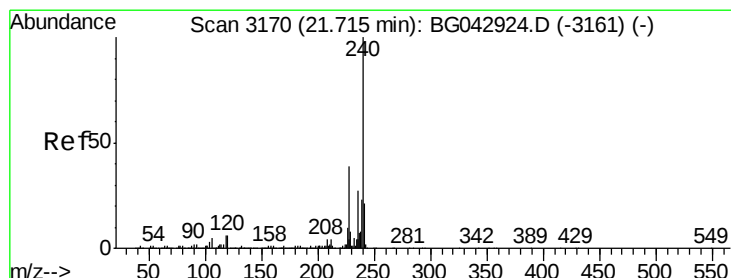
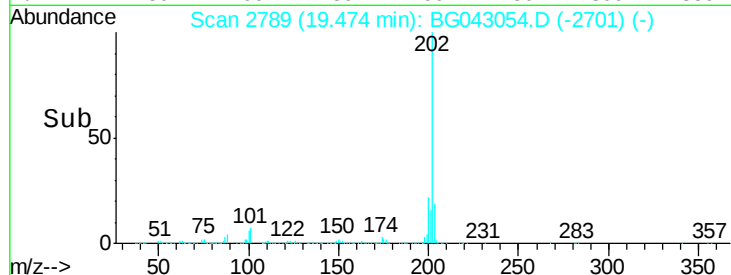
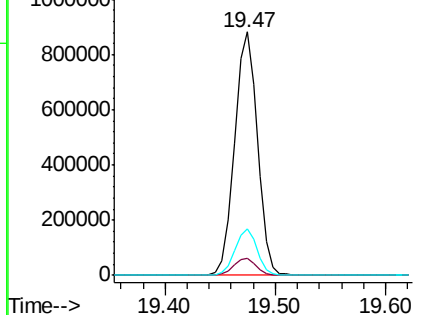
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		1282075		
101	6.9	0.0	27.3		
203	19.1	0.0	39.5		

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Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
1000000
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

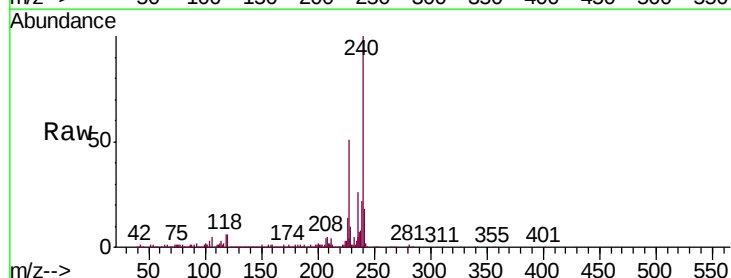
RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

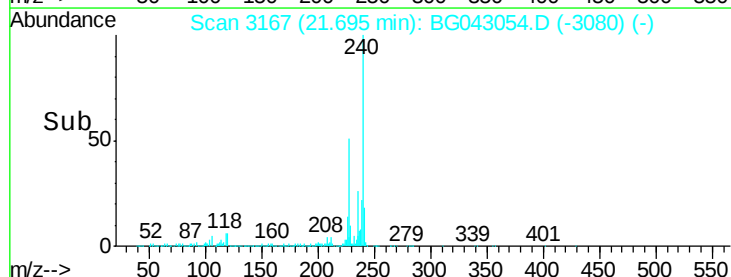
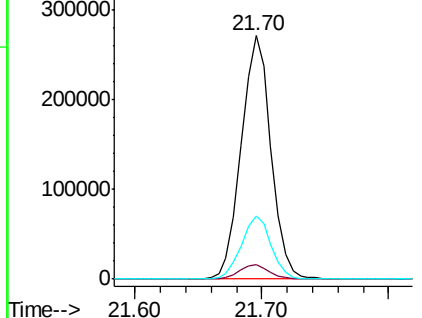
Lab File: BG043054.D

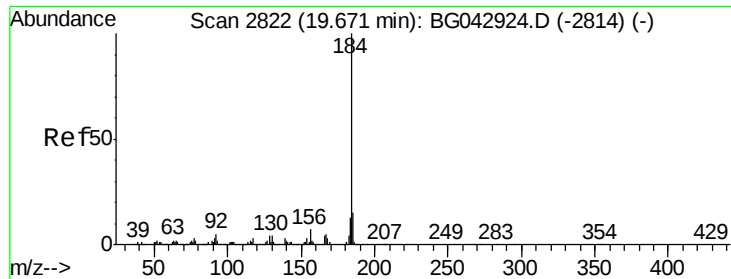
Acq: 5 Oct 2019 14:16

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		439022		
120	6.1	4.8	7.2		
236	26.1	21.4	32.0		



Abundance Ion 240.00 (239.70 to 240.70): E
300000
Ion 120.00 (119.70 to 120.70): E
200000
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.742 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

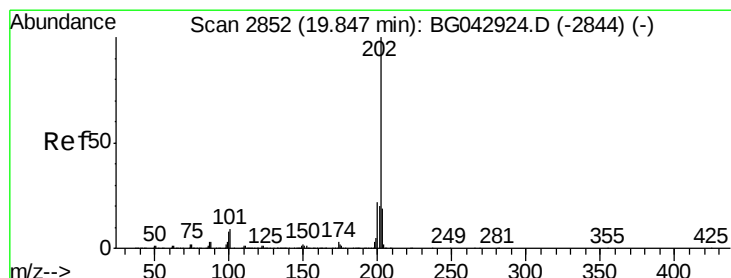
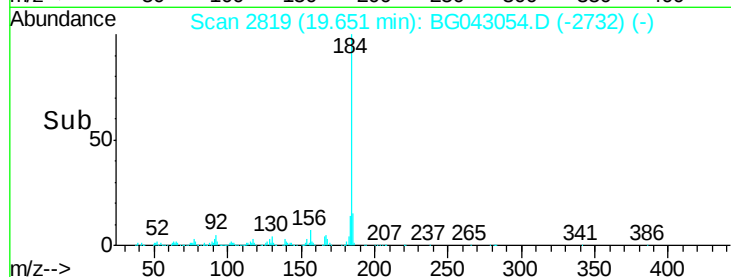
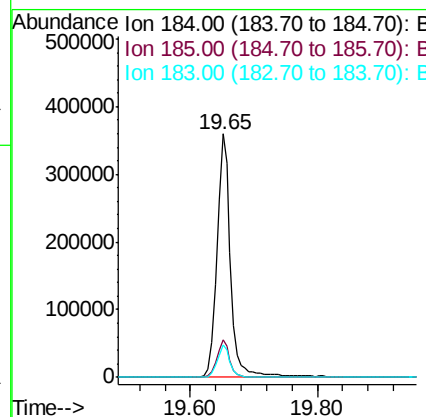
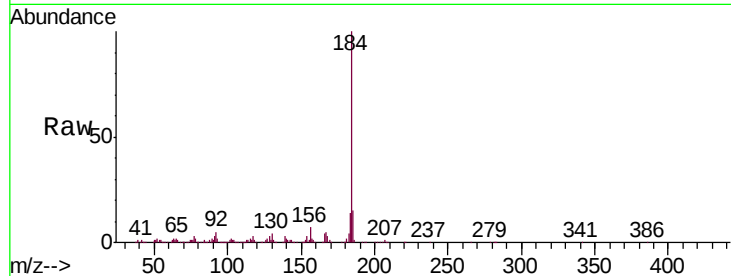
ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:	184	Resp:	546793
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	13.5	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 48.912 ng

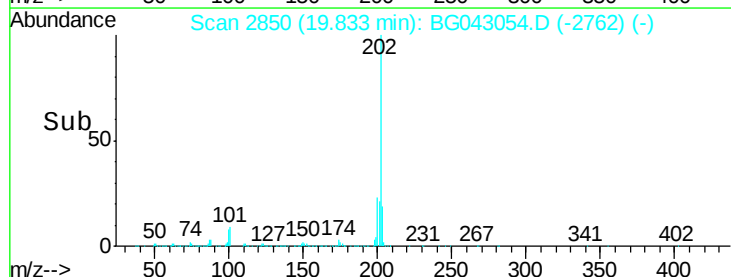
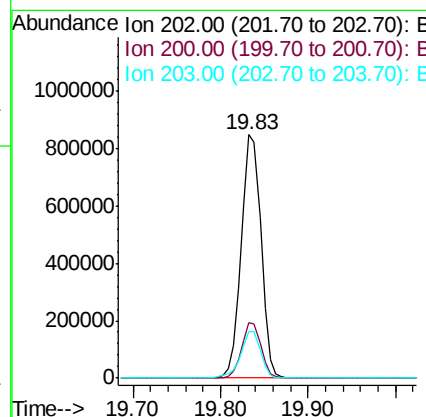
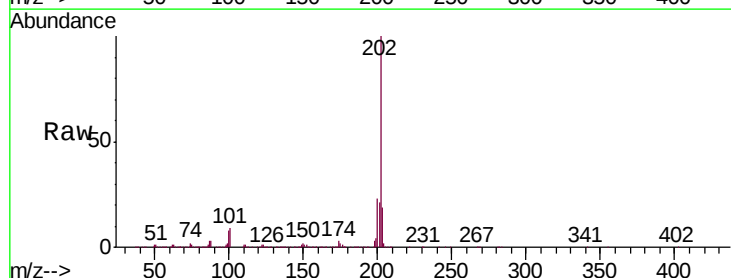
RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	202	Resp:	1281674
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 72.247 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:244 Resp: 1488489

Ion Ratio Lower Upper

244 100

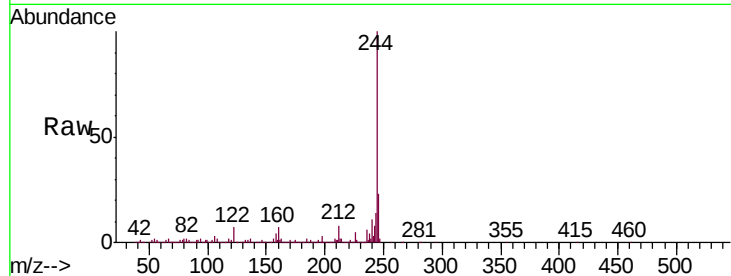
212 8.1 7.4 11.0

122 6.9 7.0 10.4#

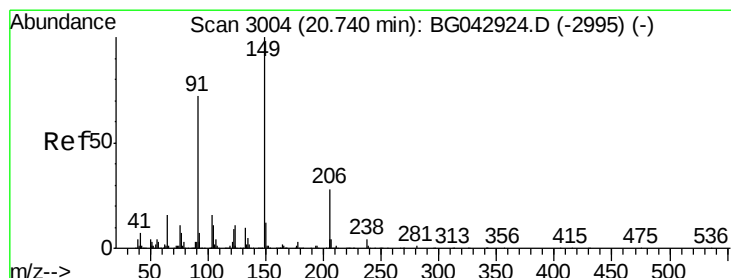
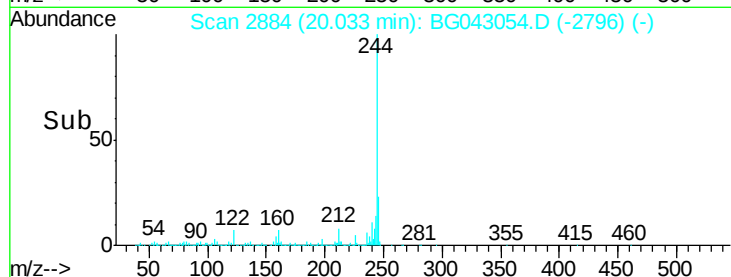
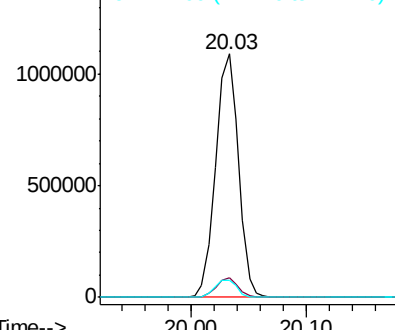
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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.958 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

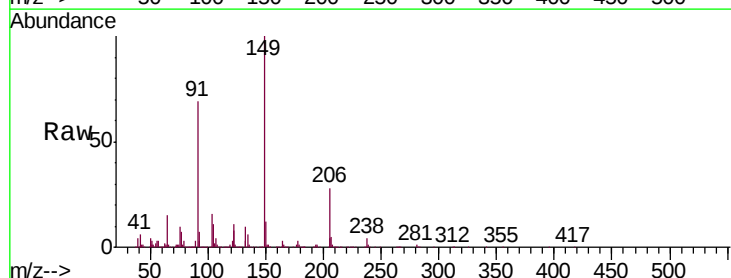
Tgt Ion:149 Resp: 467056

Ion Ratio Lower Upper

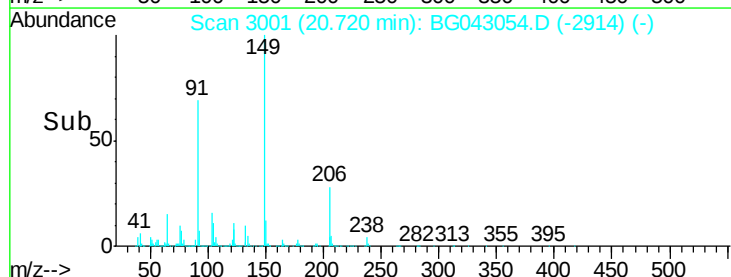
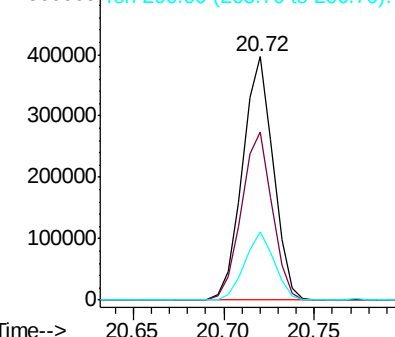
149 100

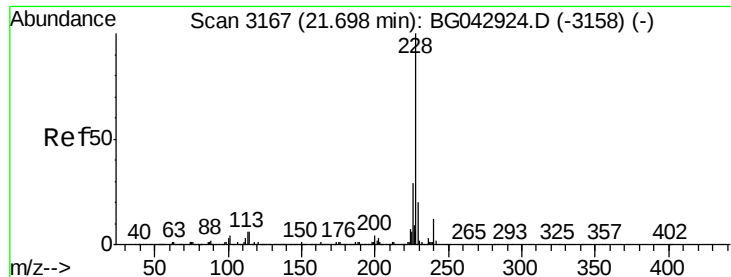
91 68.8 57.7 86.5

206 28.0 22.6 33.8



Abundance Ion 149.00 (148.70 to 149.70): E
500000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





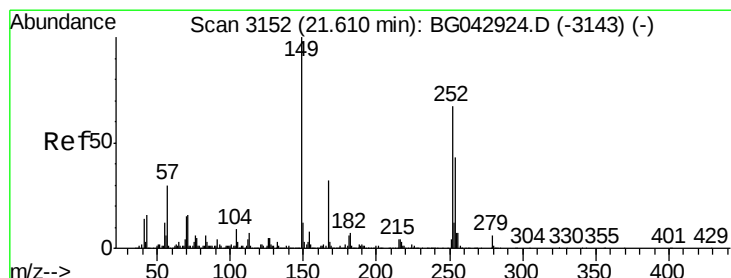
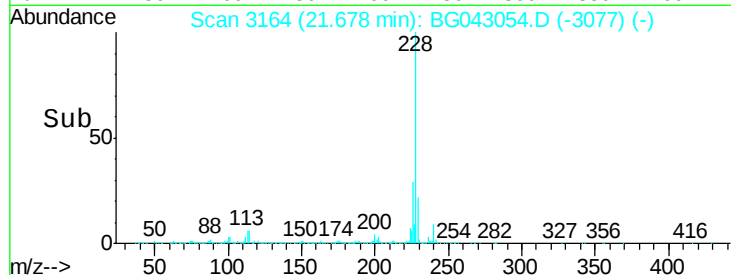
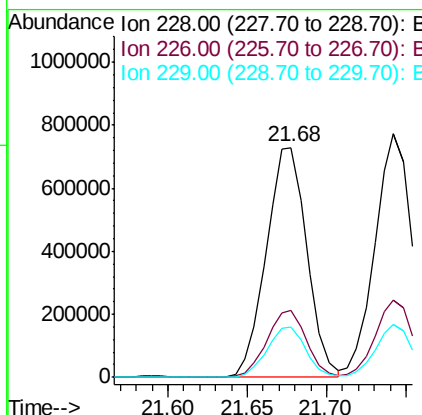
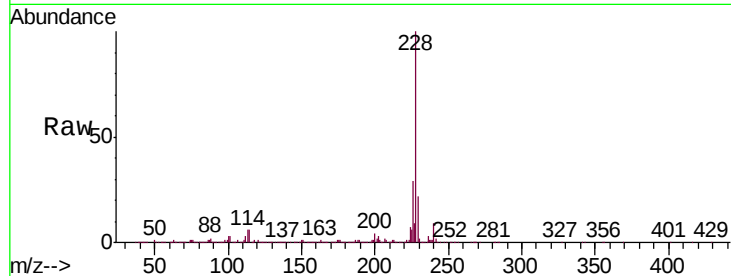
#81
Benzo(a)anthracene
Concen: 47.382 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.9	16.3	24.5

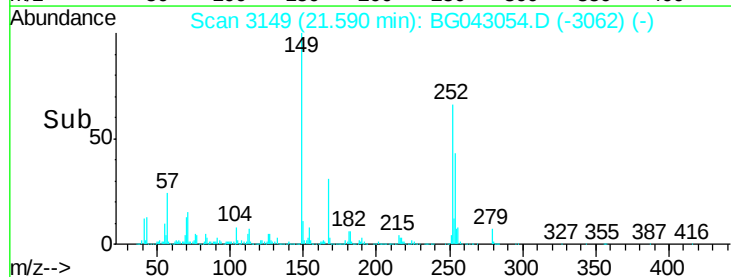
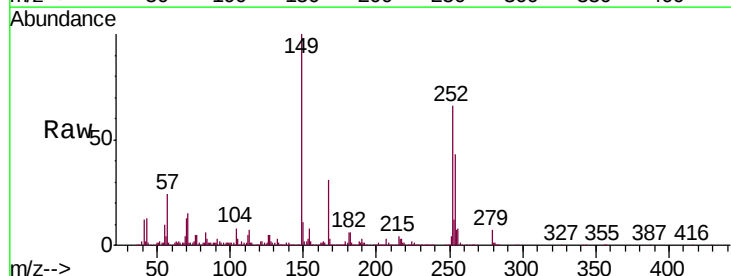
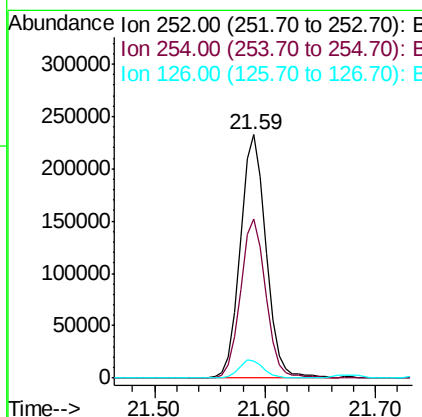
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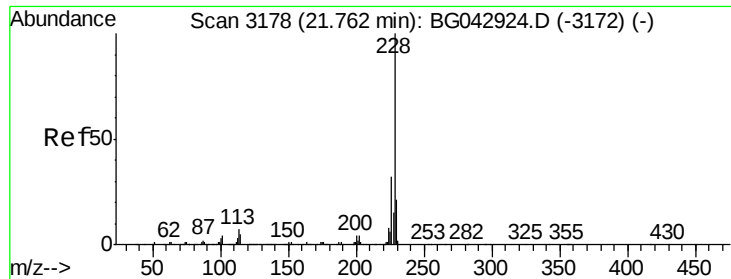
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.543 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	7.1	6.1	9.1





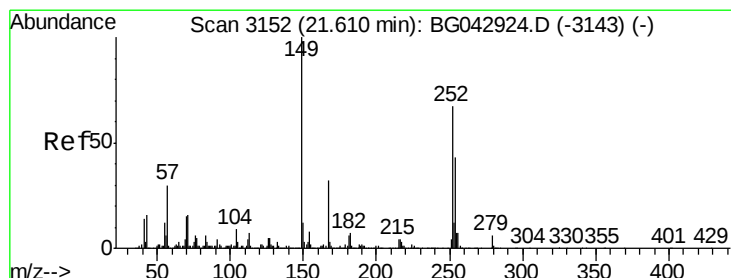
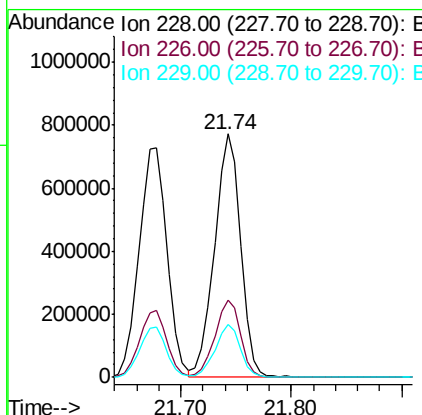
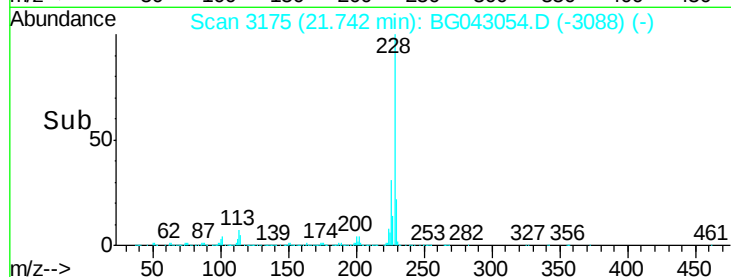
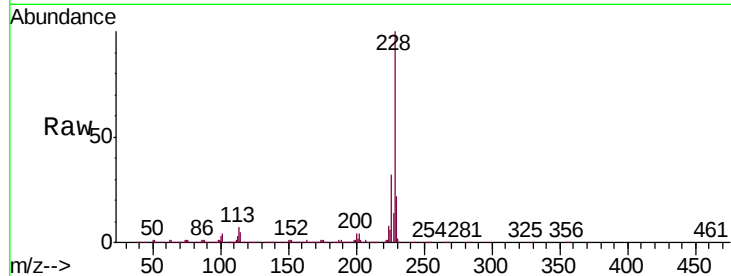
#83
 Chrysene
 Concen: 47.344 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

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

Tgt Ion: 228 Resp: 1256809
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.6 38.4
 229 21.5 16.9 25.3

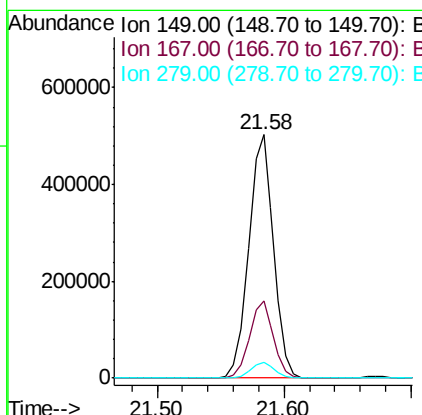
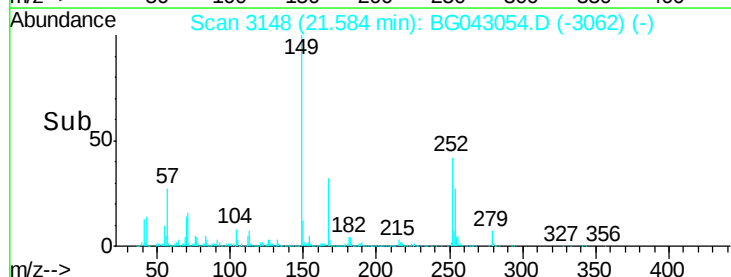
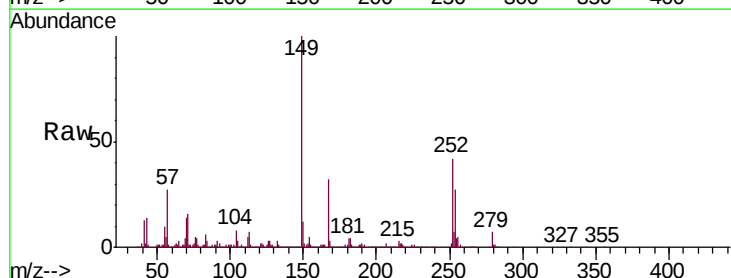
Manual Integrations
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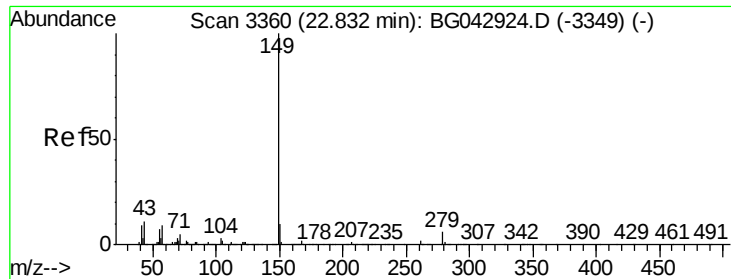
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.142 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.03 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion: 149 Resp: 681349
 Ion Ratio Lower Upper
 149 100
 167 31.7 25.4 38.2
 279 6.5 5.1 7.7





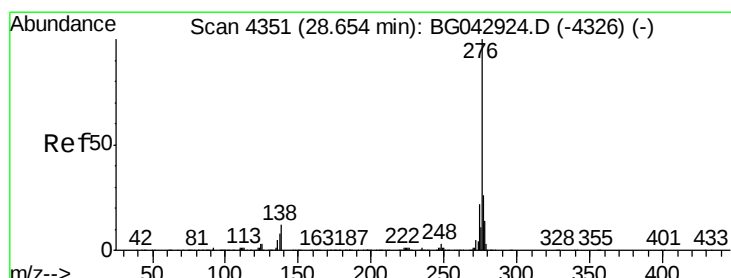
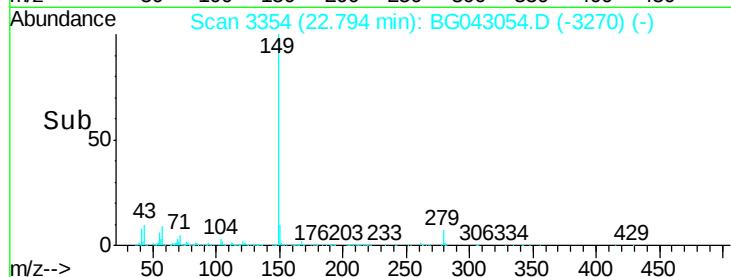
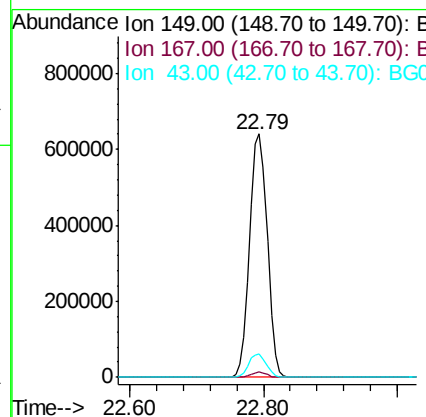
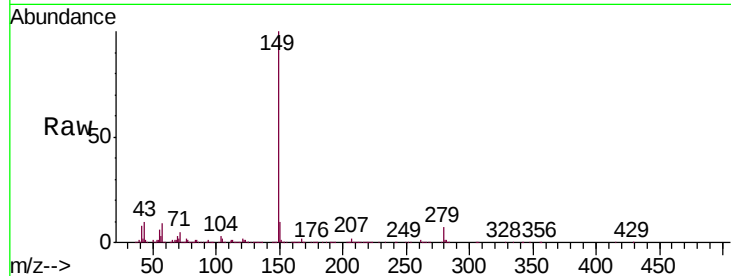
#85
Di-n-octyl phthalate
Concen: 49.959 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.4	8.7	13.1

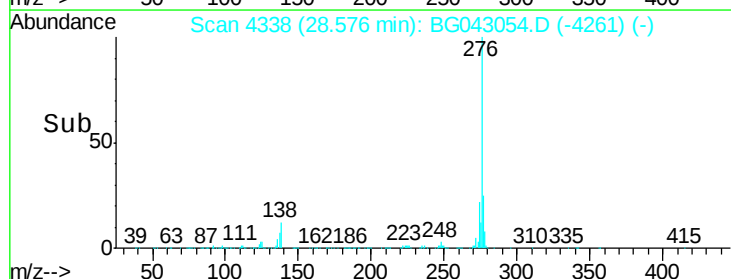
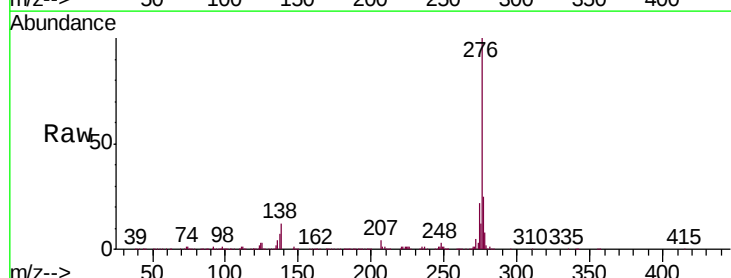
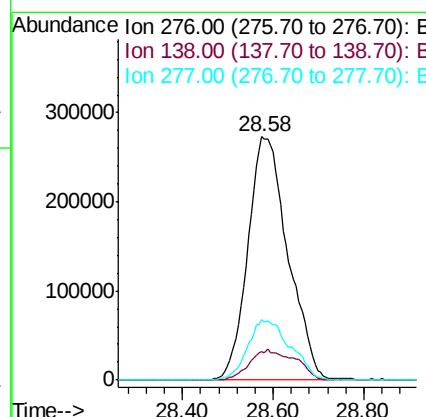
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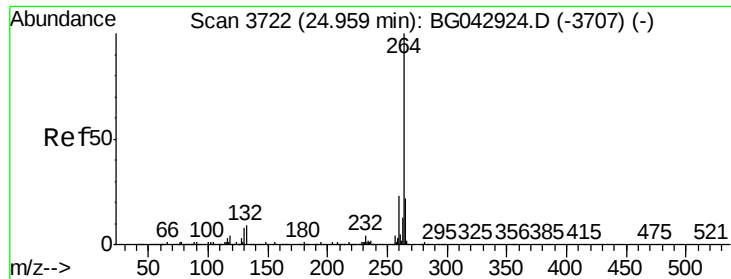
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.710 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.08 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	7.0	10.6#
277	26.3	20.9	31.3





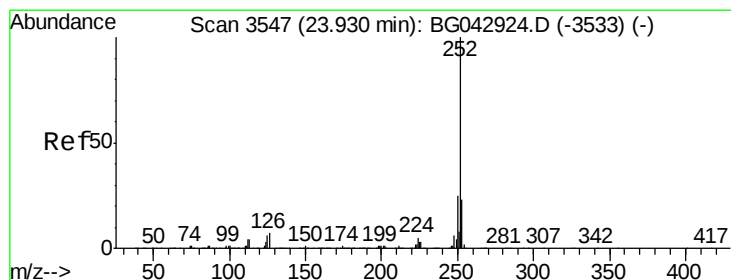
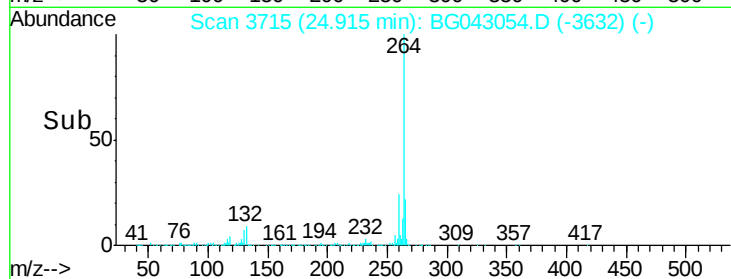
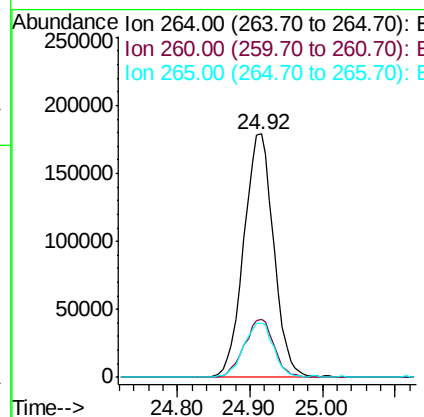
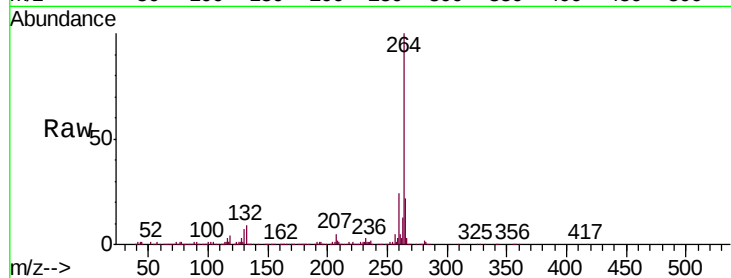
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	18.7	28.1	
265	22.0	17.7	26.5	

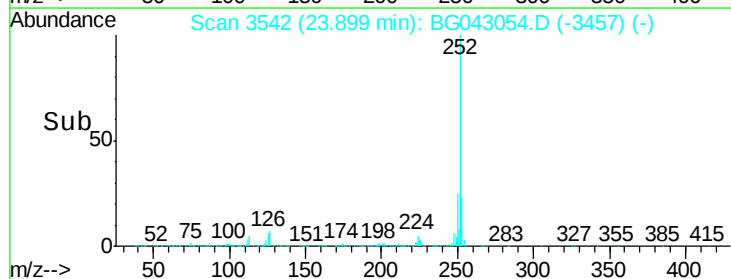
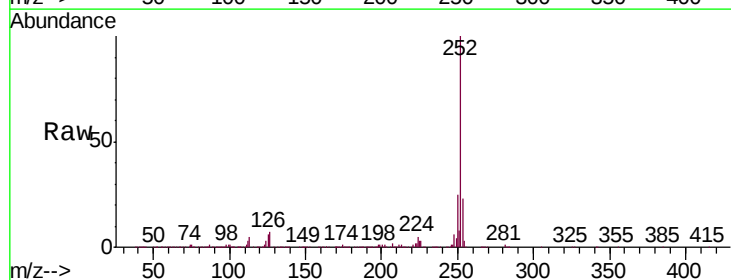
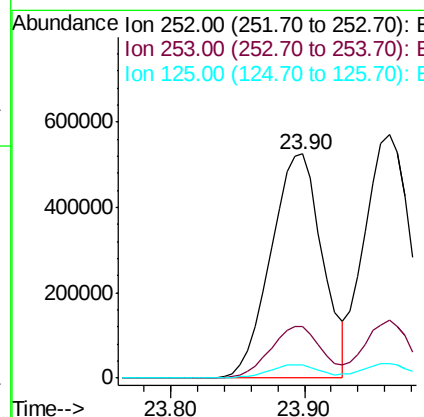
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 48.673 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.03 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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





#89

Benzo(k)fluoranthene

Concen: 47.496 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

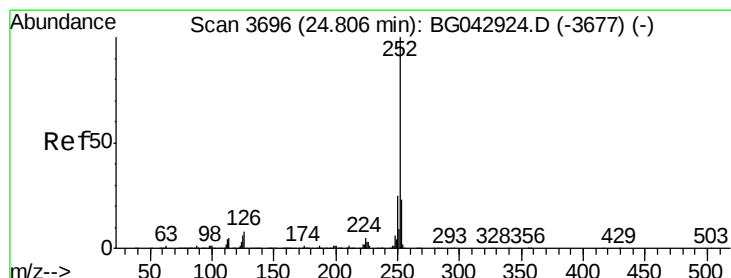
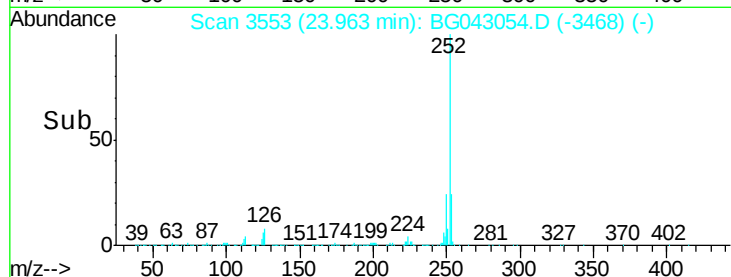
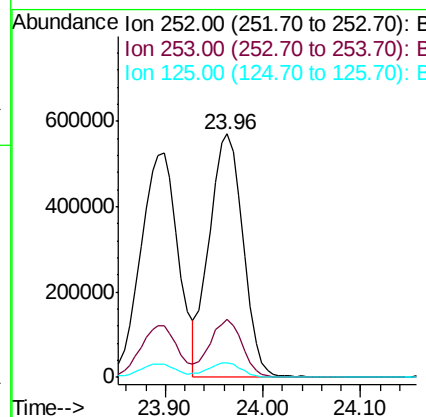
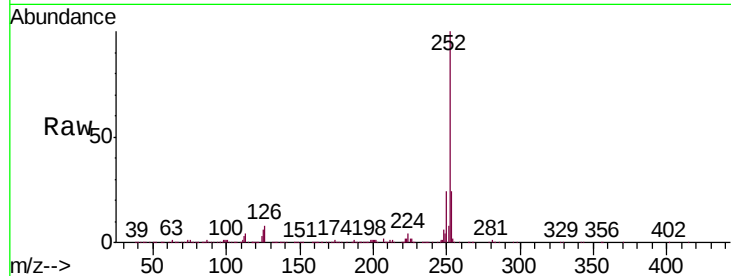
ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tgt Ion:	252	Resp:	1362077
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	5.8	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 50.098 ng

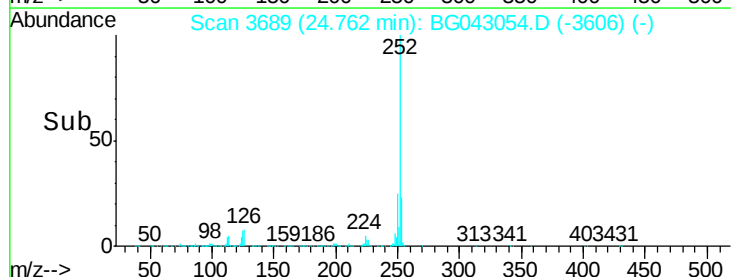
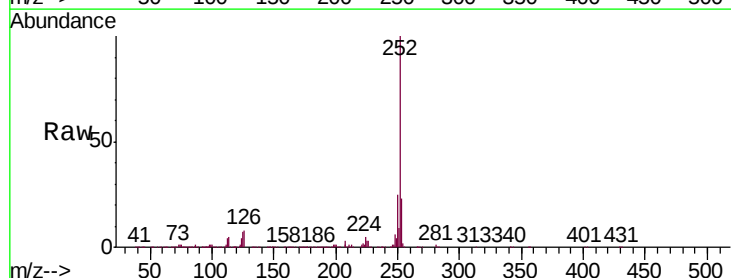
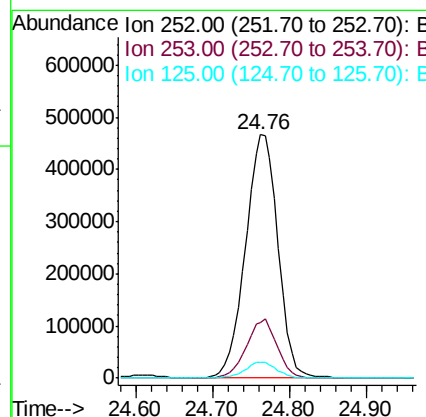
RT: 24.76 min Scan# 3689

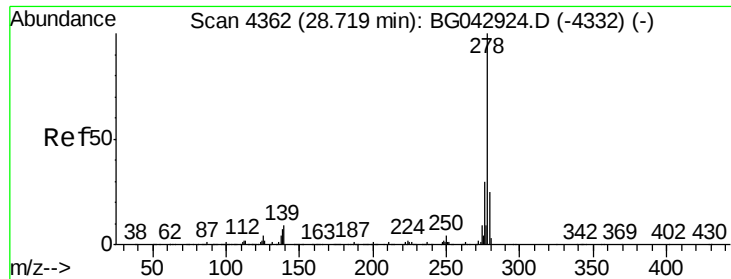
Delta R.T. -0.04 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:	252	Resp:	1370154
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	6.7	5.0	7.6





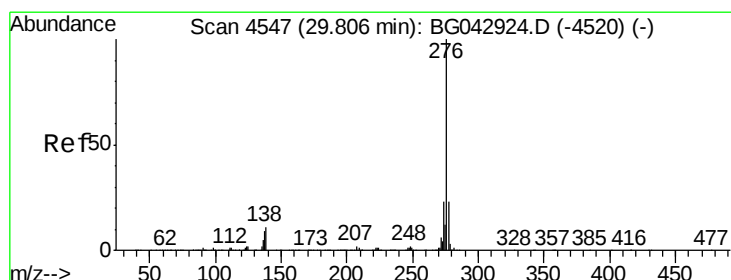
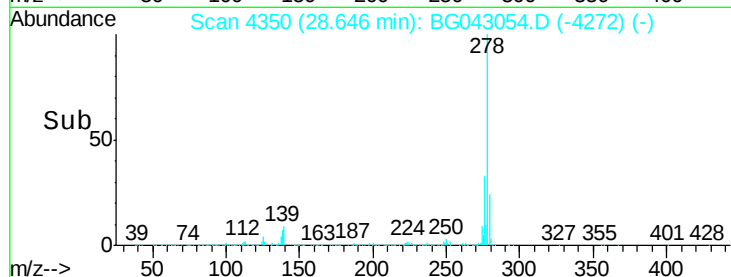
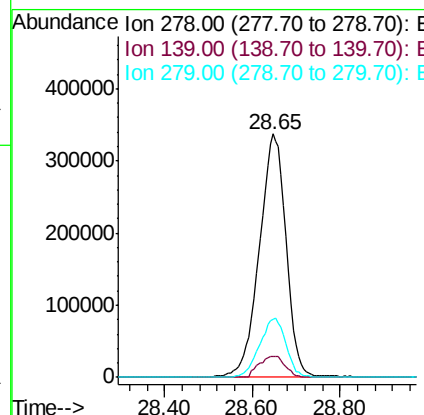
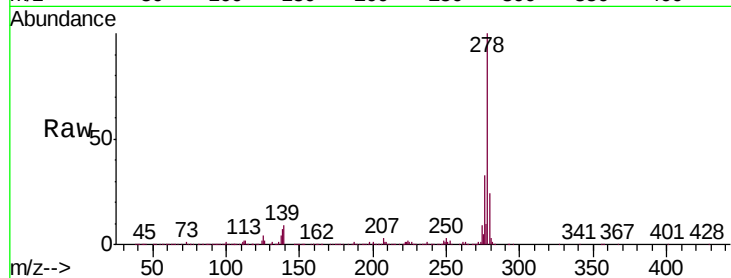
#91
Dibenzo(a,h)anthracene
Concen: 50.140 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.8	10.2
279	24.0	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:02 PM



#92
Benzo(g,h,i)perylene
Concen: 51.090 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	12.0	8.6	12.8

