

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043087.D
 Acq On : 8 Oct 2019 16:05
 Operator : JU
 Sample : K5140-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Manual Integrations
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mohammad
 10/11/2019 8:29:48 AM

Quant Time: Oct 09 02:12:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49325	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	189625	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	146585	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	378214	20.00	ng	0.00
76) Chrysene-d12	21.69	240	411652	20.00	ng	0.00
87) Perylene-d12	24.90	264	462663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	336440	121.73	ng	0.00
7) Phenol-d6	7.23	99	491934	123.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	287930	73.80	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	346710	137.55	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	762492	75.41	ng	0.00
79) Terphenyl-d14	20.03	244	1749129	90.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	36995	32.104	ng	# 48
3) Pyridine	3.96	79	22829	7.044	ng	98
4) n-Nitrosodimethylamine	3.85	42	60432	38.773	ng	# 79
6) Aniline	7.40	93	45430	9.456	ng	97
8) 2-Chlorophenol	7.63	128	122830	42.614	ng	96
9) Benzaldehyde	7.20	77	75873	31.196	ng	94
10) Phenol	7.26	94	179868	49.256	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	108333	38.343	ng	96
12) 1,3-Dichlorobenzene	7.95	146	132035	35.908	ng	97
13) 1,4-Dichlorobenzene	8.09	146	136510	37.242	ng	99
14) 1,2-Dichlorobenzene	8.41	146	127027	36.400	ng	93
15) Benzyl Alcohol	8.30	79	117538	39.279	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	155278	28.617	ng	97
17) 2-Methylphenol	8.51	107	108653	42.524	ng	96
18) Hexachloroethane	9.14	117	48382	35.047	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	97240	37.207	ng	92
20) 3+4-Methylphenols	8.83	107	153713	43.899	ng	96
22) Acetophenone	8.88	105	185580	37.967	ng	# 96
24) Nitrobenzene	9.26	77	145504	39.101	ng	94
25) Isophorone	9.78	82	279580	40.798	ng	99
26) 2-Nitrophenol	9.97	139	72555	45.801	ng	94
27) 2,4-Dimethylphenol	10.03	122	124910	51.344	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	150913	38.814	ng	97
29) 2,4-Dichlorophenol	10.51	162	137501	45.445	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	146426	37.475	ng	98
31) Naphthalene	10.91	128	376963	40.384	ng	99
32) Benzoic acid	10.18	122	81221	43.728	ng	99
33) 4-Chloroaniline	11.04	127	27940	6.898	ng	# 90
34) Hexachlorobutadiene	11.20	225	103362	35.330	ng	97
35) Caprolactam	11.79	113	51313m	48.091	ng	
36) 4-Chloro-3-methylphenol	12.15	107	161415	49.066	ng	94
37) 2-Methylnaphthalene	12.51	142	291828	40.981	ng	96
38) 1-Methylnaphthalene	12.73	142	278578	41.343	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	189429	34.370	ng	97

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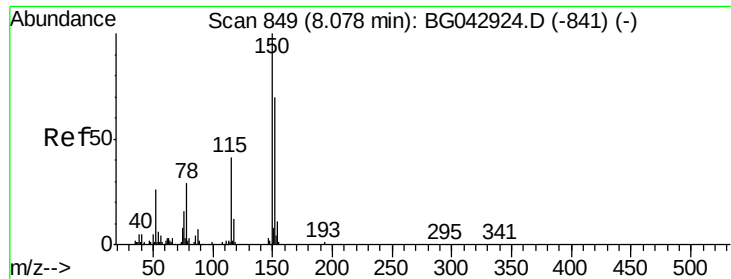
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	235092	66.946	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	134365	41.652	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	151383	45.554	nq	98
46) 1,1'-Biphenyl	13.51	154	411840	37.049	nq	98
47) 2-Chloronaphthalene	13.56	162	323868	38.859	nq	97
48) 2-Nitroaniline	13.76	65	114758	41.406	nq	91
49) Acenaphthylene	14.40	152	525332	41.193	nq	98
50) Dimethylphthalate	14.13	163	562093	51.178	nq	98
51) 2,6-Dinitrotoluene	14.25	165	105492	45.103	nq	97
52) Acenaphthene	14.75	154	326903	38.297	nq	97
53) 3-Nitroaniline	14.59	138	66592	27.550	nq	97
54) 2,4-Dinitrophenol	14.79	184	147264	101.294	nq	93
55) Dibenzofuran	15.07	168	532824	42.196	nq	100
56) 4-Nitrophenol	14.90	139	180689	98.109	nq	96
57) 2,4-Dinitrotoluene	15.03	165	158275	46.210	nq	98
58) Fluorene	15.73	166	460822	42.745	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	160884m	45.469	nq	
60) Diethylphthalate	15.49	149	484521	43.348	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	264227	40.867	nq	98
62) 4-Nitroaniline	15.75	138	119985	45.514	nq	97
63) Azobenzene	16.01	77	414925	40.773	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	104691	48.917	nq	92
66) n-Nitrosodiphenylamine	15.93	169	423171	42.384	nq	100
67) 4-Bromophenyl-phenylether	16.61	248	191521	40.346	nq	97
68) Hexachlorobenzene	16.73	284	217072	41.070	nq	98
69) Atrazine	16.88	200	170714	40.604	nq	97
70) Pentachlorophenol	17.08	266	286853	94.056	nq	99
71) Phenanthrene	17.47	178	787656	42.658	nq	99
72) Anthracene	17.55	178	806245	43.738	nq	100
73) Carbazole	17.82	167	744840	43.574	nq	99
74) Di-n-butylphthalate	18.38	149	872610	42.786	nq	99
75) Fluoranthene	19.47	202	1053589	43.140	nq	99
77) Benzidine	19.66	184	21410	2.077	nq	99
78) Pyrene	19.83	202	1057712	43.049	nq	99
80) Butylbenzylphthalate	20.71	149	401352	43.035	nq	96
81) Benzo(a)anthracene	21.67	228	1079770	42.097	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	312322	31.046	nq	99
83) Chrysene	21.74	228	1042486	41.882	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	575291	43.351	nq	98
85) Di-n-octyl phthalate	22.79	149	958177	44.155	nq	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1365690	44.073	nq	# 96
88) Benzo(b)fluoranthene	23.89	252	1133036	43.281	nq	99
89) Benzo(k)fluoranthene	23.96	252	1134097	43.791	nq	99
90) Benzo(a)pyrene	24.76	252	1119419	45.323	nq	98
91) Dibenzo(a,h)anthracene	28.63	278	1154999	45.604	nq	100
92) Benzo(g,h,i)perylene	29.72	276	1134603	46.236	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

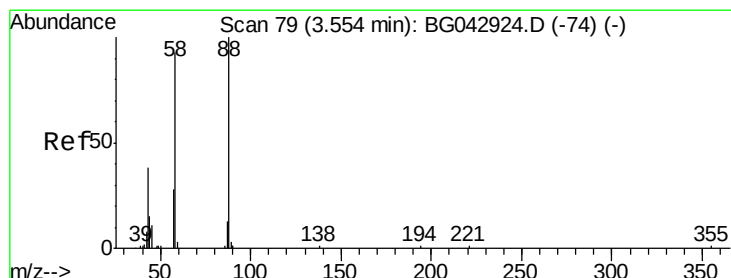
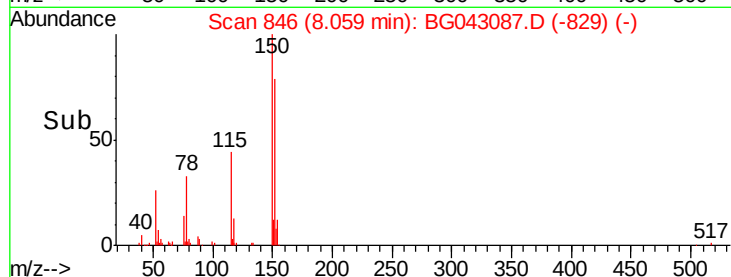
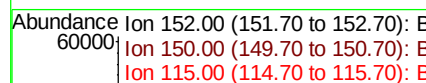
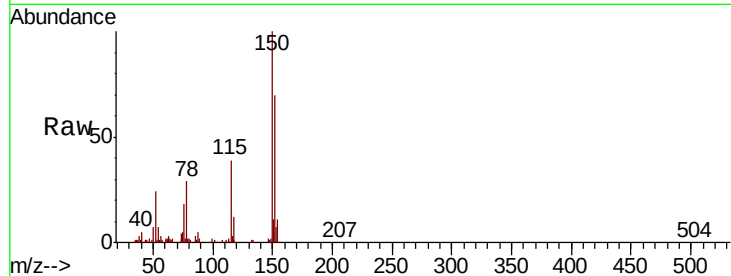
ClientSampleId :

HR-05-100219MS

Tot Ion:	152	Resp:	49325
Ion Ratio	Lower	Upper	
152	100		
150	143.4	115.0	172.4
115	55.8	47.0	70.6

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#2

1,4-Dioxane

Concen: 32.104 ng

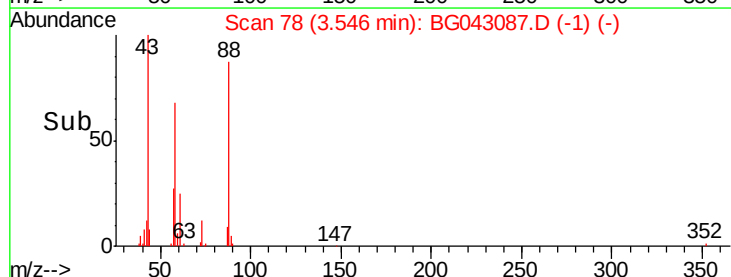
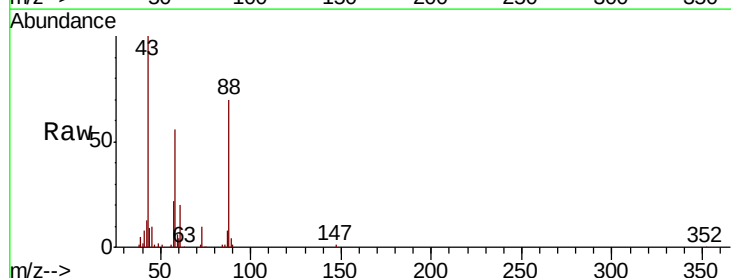
RT: 3.55 min Scan# 78

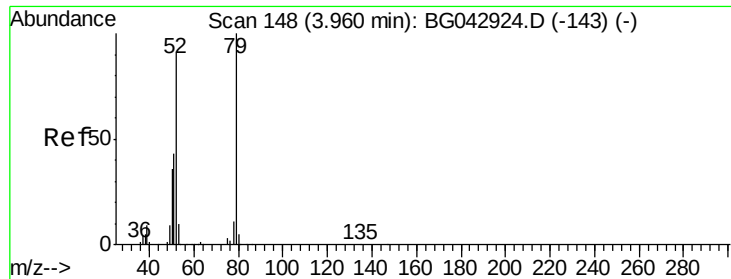
Delta R.T. 0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	88	Resp:	36995
Ion Ratio	Lower	Upper	
88	100		
58	85.1	74.3	111.5
43	134.0	29.8	44.8#





#3

Pvridine

Concen: 7.044 ng

RT: 3.96 min Scan# 149

Delta R.T. 0.03 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

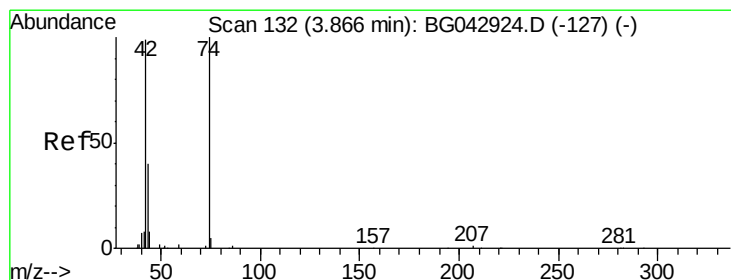
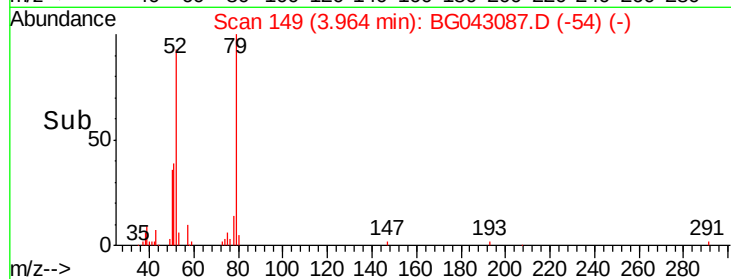
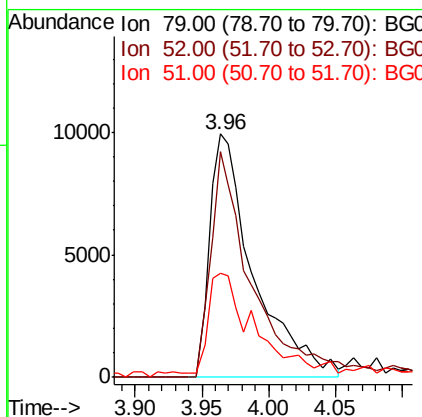
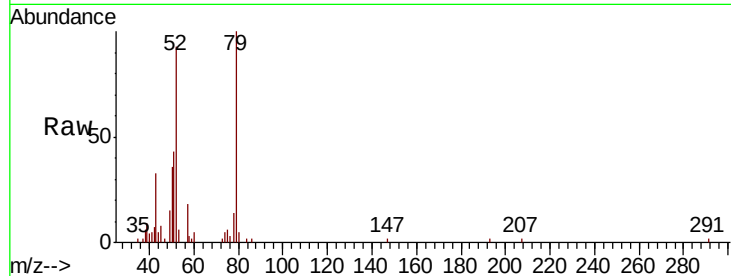
ClientSampleId :

HR-05-100219MS

Tot Ion:	79	Resp:	22829
Ion Ratio	Lower	Upper	
79	100		
52	92.8	73.0	109.4
51	42.5	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 38.773 ng

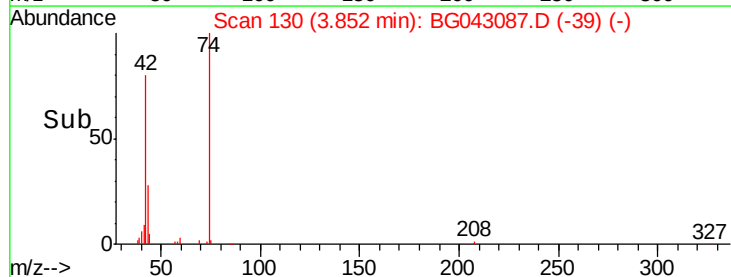
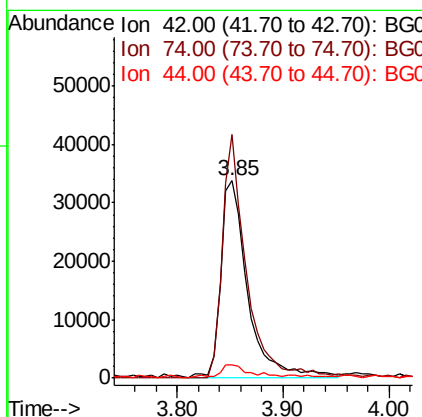
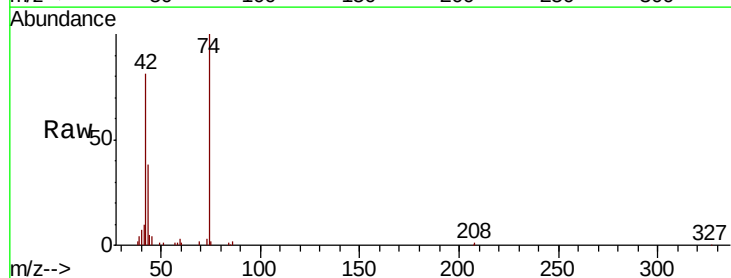
RT: 3.85 min Scan# 130

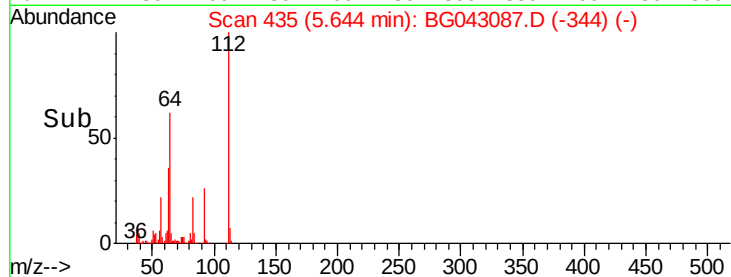
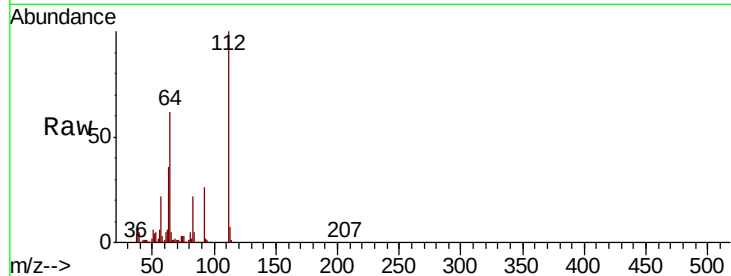
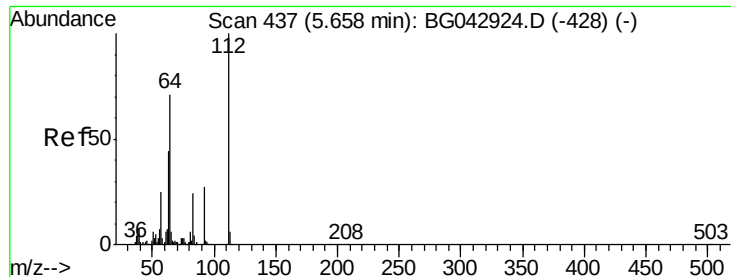
Delta R.T. 0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	42	Resp:	60432
Ion Ratio	Lower	Upper	
42	100		
74	123.3	80.5	120.7#
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 121.727 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tot Ion:	112	Resp:	336440
Ion Ratio	Lower	Upper	
112	100		
64	61.7	56.6	84.8
63	35.9	35.1	52.7

Instrument :

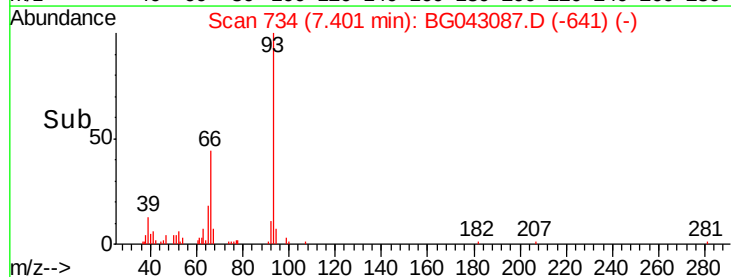
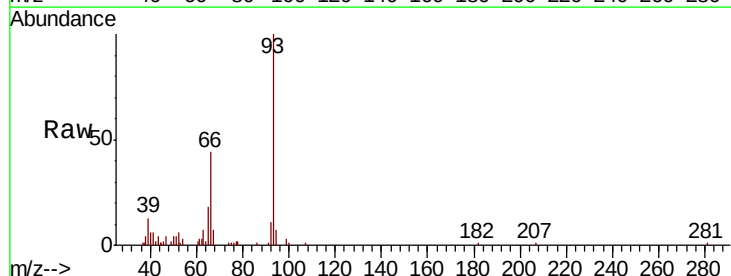
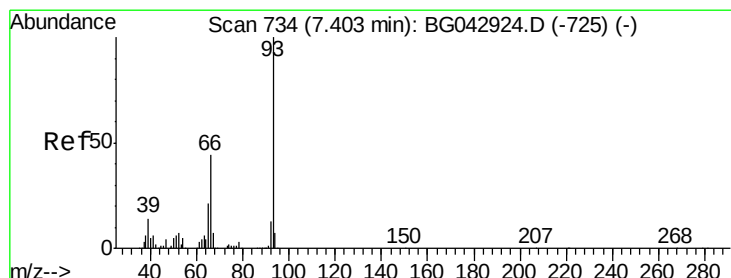
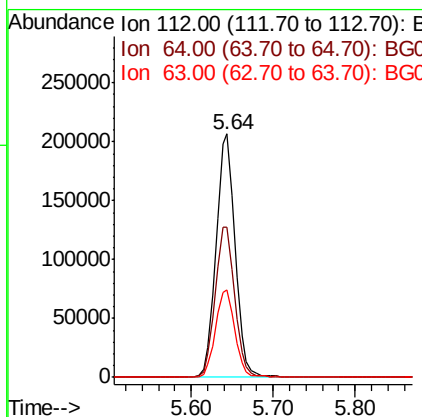
BNA_G

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HR-05-100219MS

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#6

Aniline

Concen: 9.456 ng

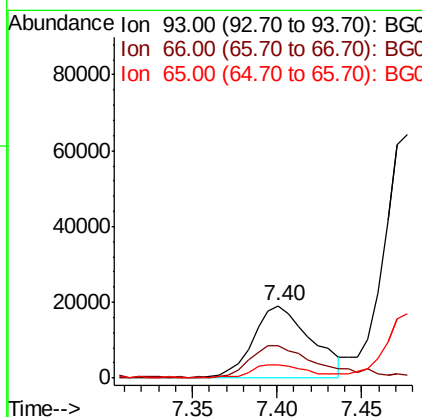
RT: 7.40 min Scan# 734

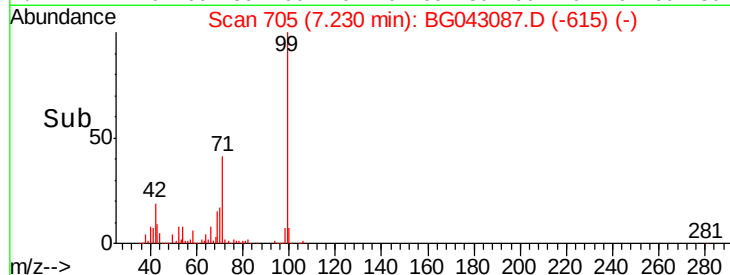
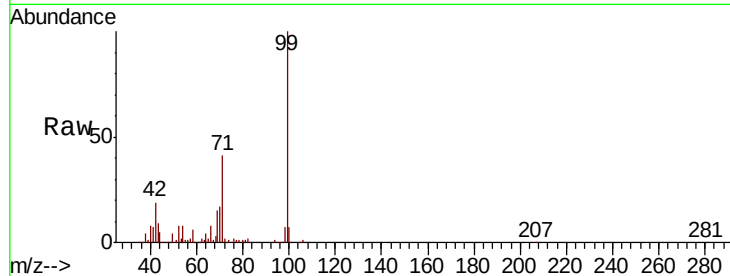
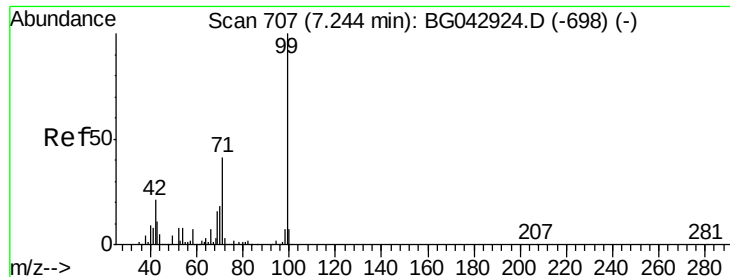
Delta R.T. 0.02 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	93	Resp:	45430
Ion Ratio	Lower	Upper	
93	100		
66	44.0	35.0	52.6
65	18.3	17.4	26.0





#7

Phenol-d6

Concen: 123.596 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tot Ion:	99	Resp:	491934
Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.2	25.8
71	41.4	33.1	49.7

Instrument :

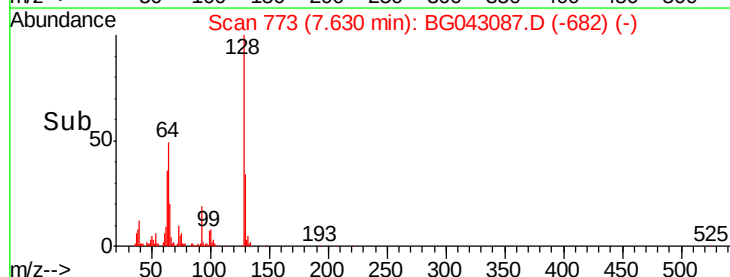
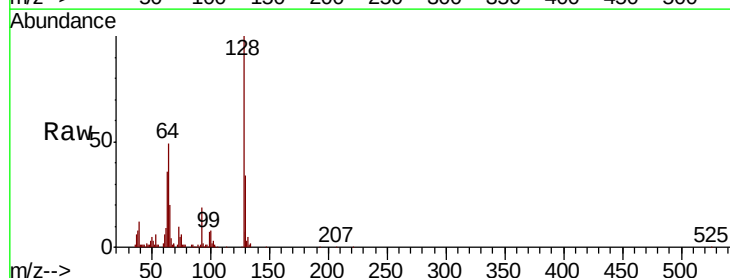
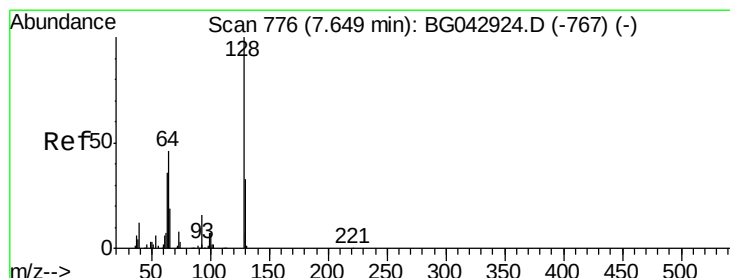
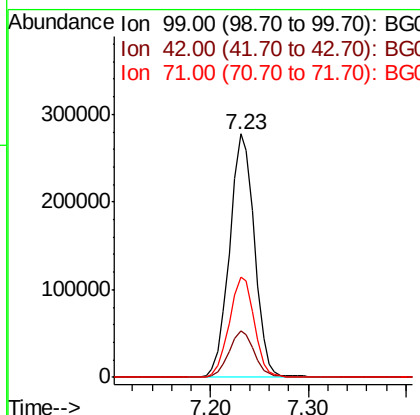
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#8

2-Chlorophenol

Concen: 42.614 ng

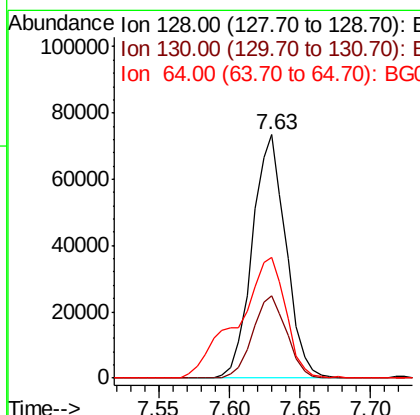
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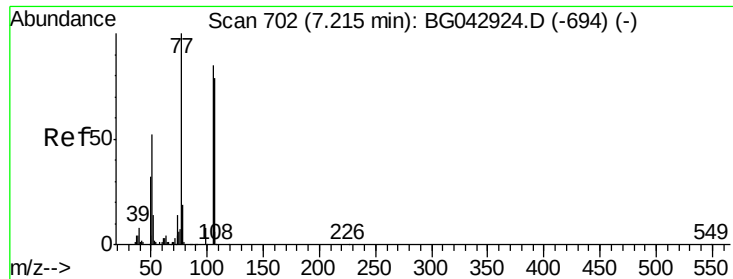
Delta R.T. 0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	128	Resp:	122830
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.5	52.5
64	49.4	32.8	72.8





#9

Benzaldehyde

Concen: 31.196 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

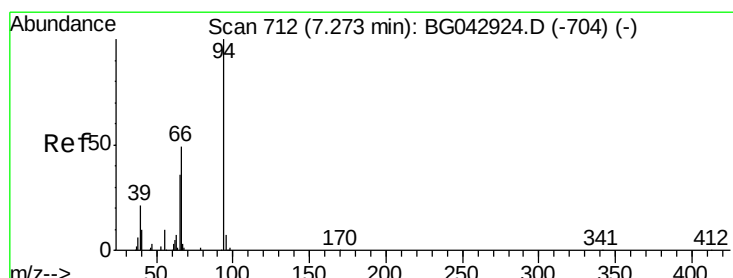
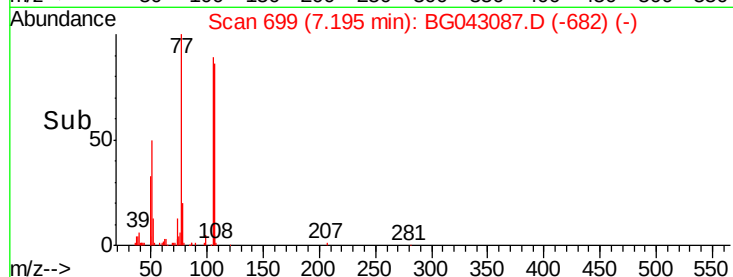
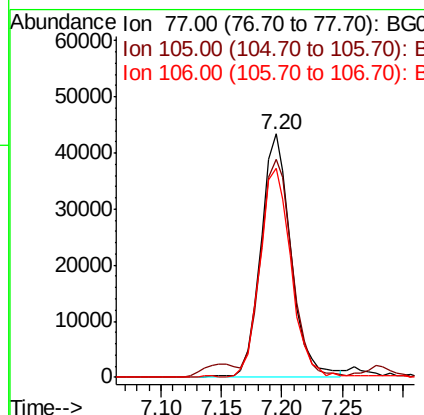
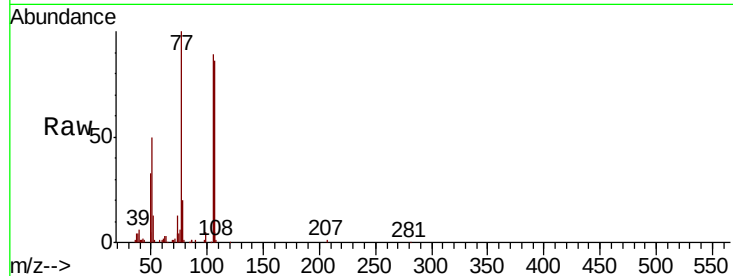
ClientSampleId :

HR-05-100219MS

Tot Ion:	77	Resp:	75873
Ion	Ratio	Lower	Upper
77	100		
105	89.5	64.6	104.6
106	85.9	59.4	99.4

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#10

Phenol

Concen: 49.256 ng

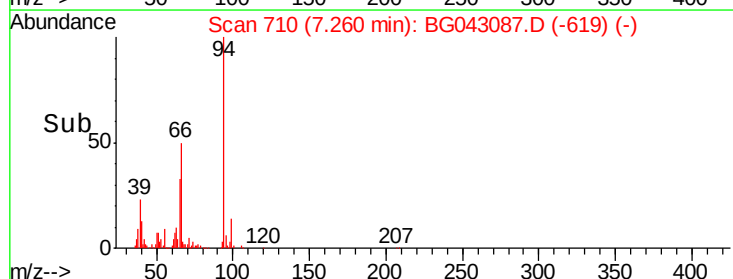
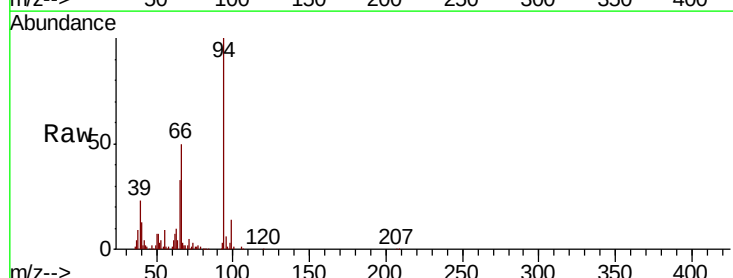
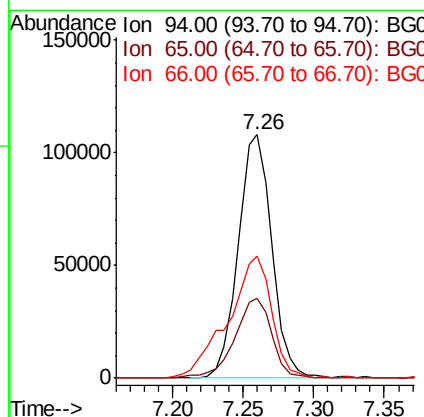
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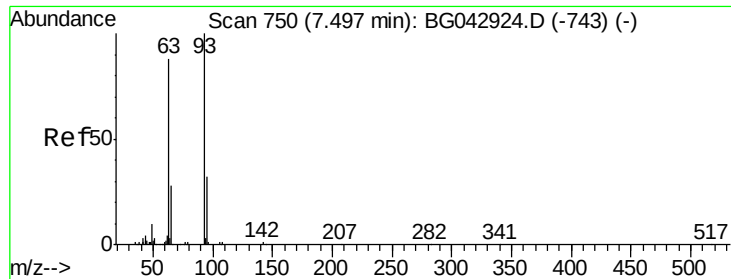
Delta R.T. 0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	94	Resp:	179868
Ion	Ratio	Lower	Upper
94	100		
65	33.0	16.6	56.6
66	50.2	32.4	72.4





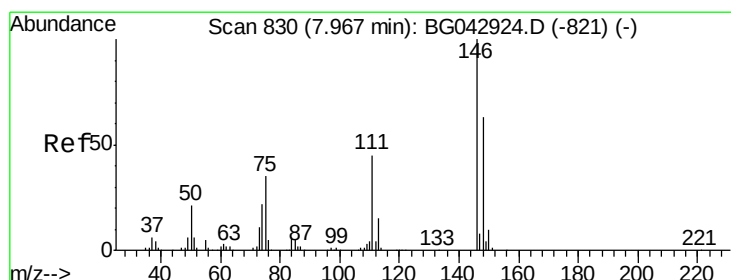
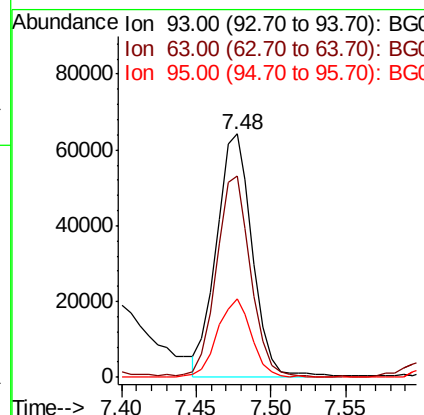
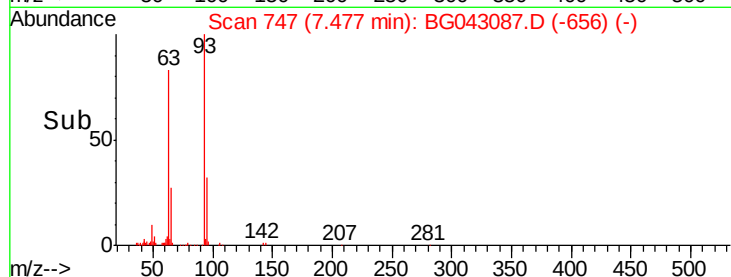
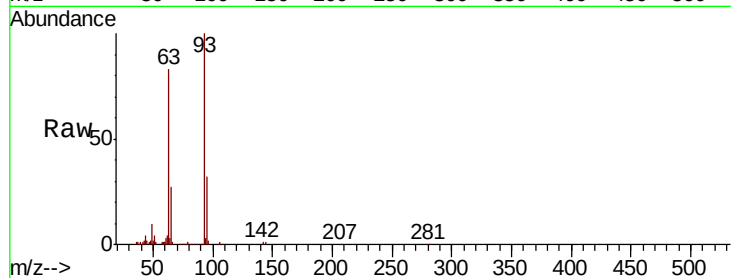
#11
bis(2-Chloroethyl)ether
Concen: 38.343 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	67.4	107.4
95	32.4	11.9	51.9

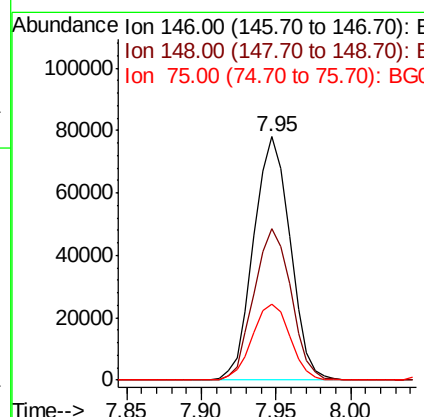
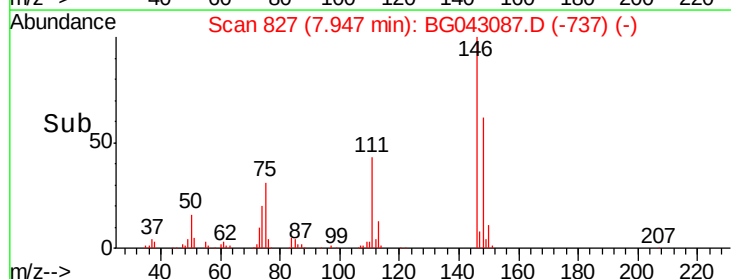
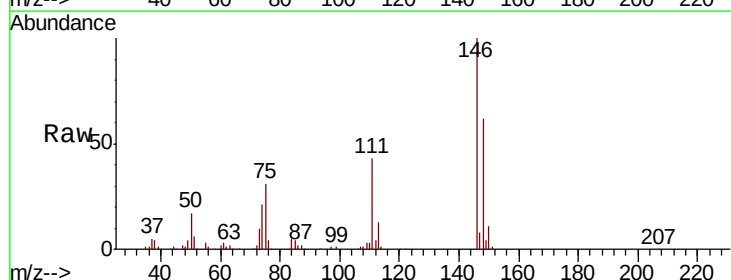
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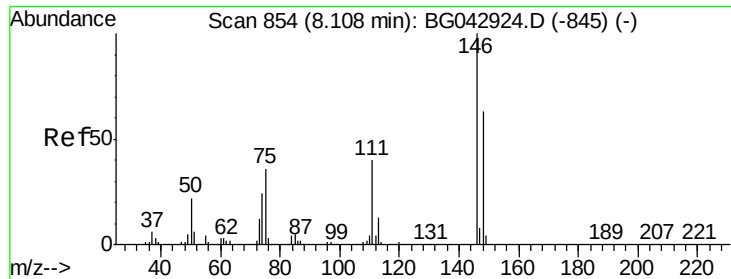
mohammad
10/11/2019 8:29:48 AM



#12
1,3-Dichlorobenzene
Concen: 35.908 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.7	76.1
75	31.2	27.7	41.5





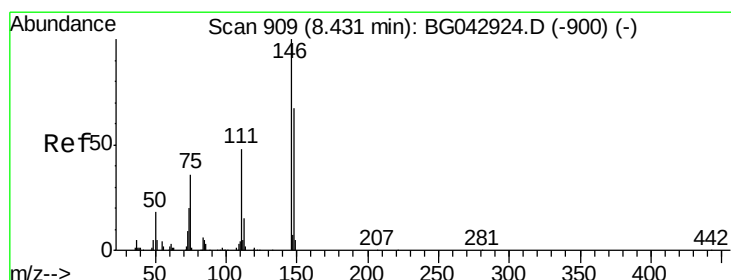
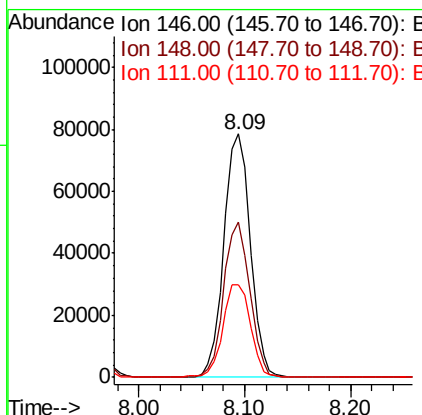
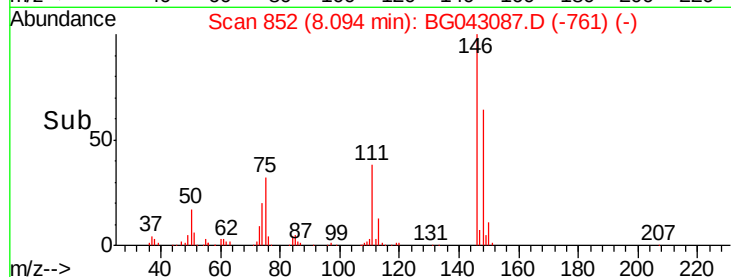
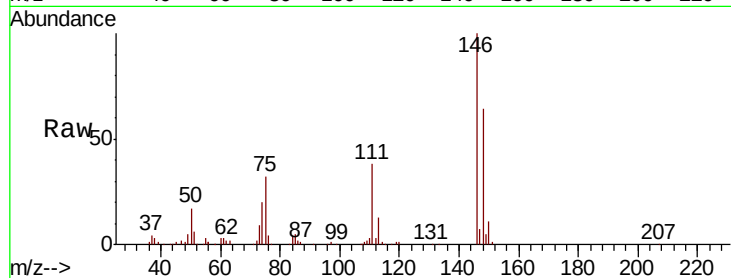
#13
 1,4-Dichlorobenzene
 Concen: 37.242 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
111	38.0	31.8	47.8

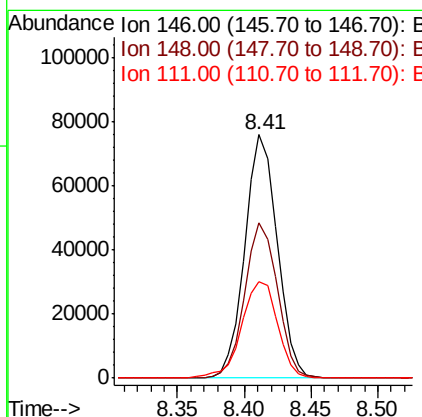
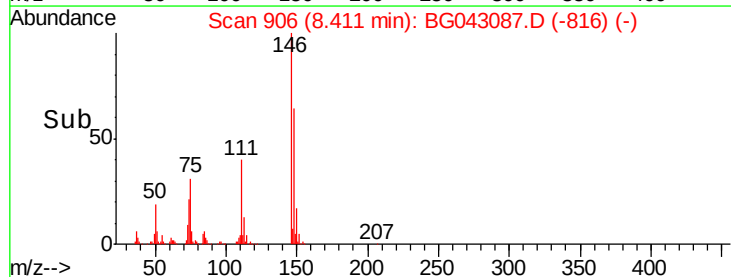
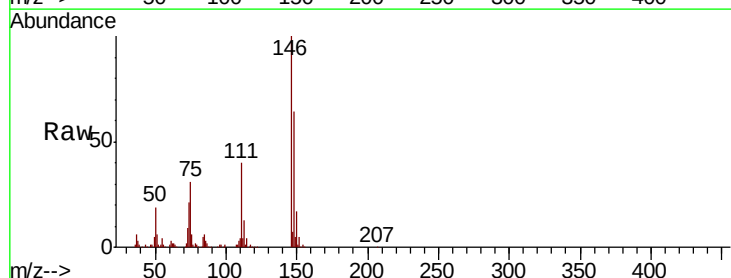
Manual Integrations
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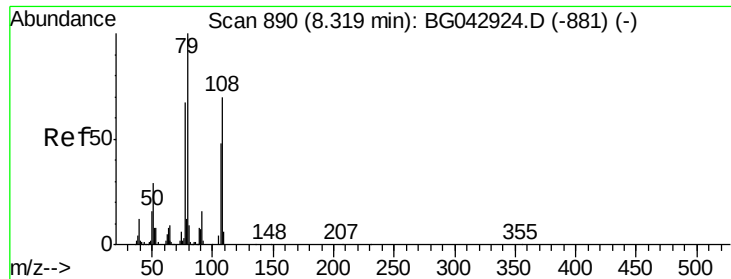
mohammad
 10/11/2019 8:29:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.400 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.4	80.2
111	39.7	38.5	57.7





#15

Benzyl Alcohol

Concen: 39.279 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

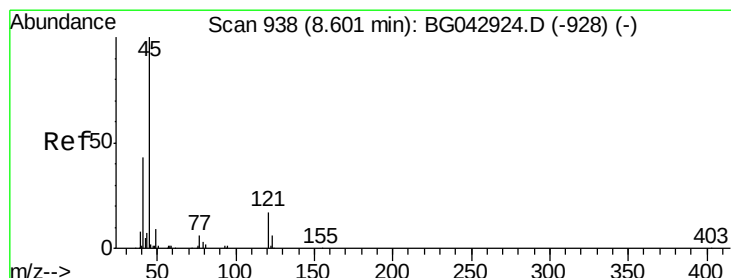
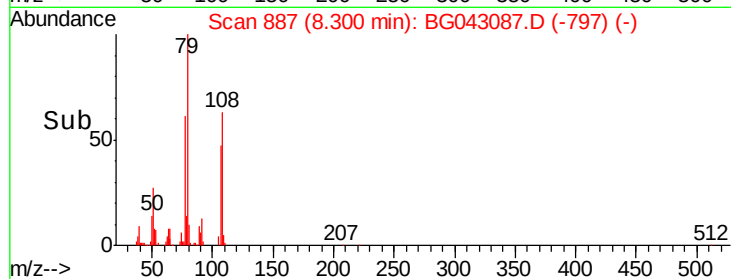
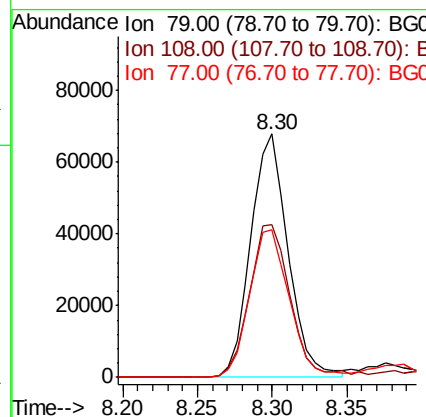
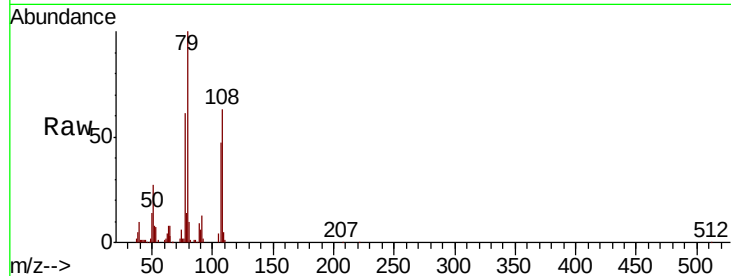
ClientSampleId :

HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.9	55.7	83.5
77	60.8	53.3	79.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.617 ng

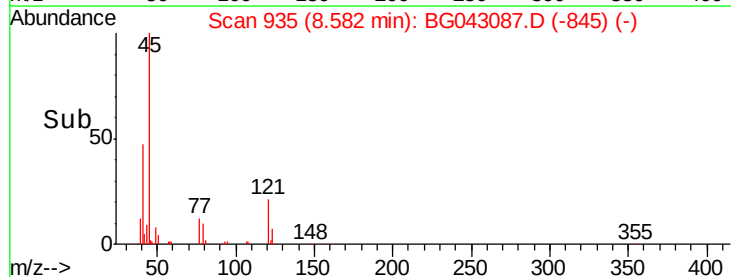
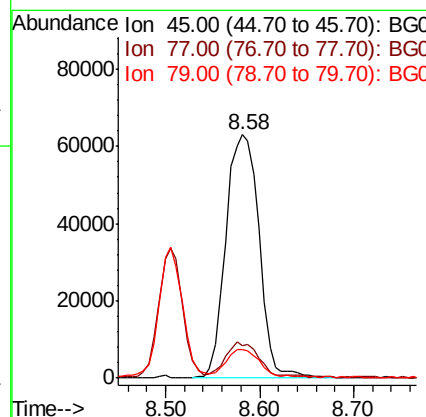
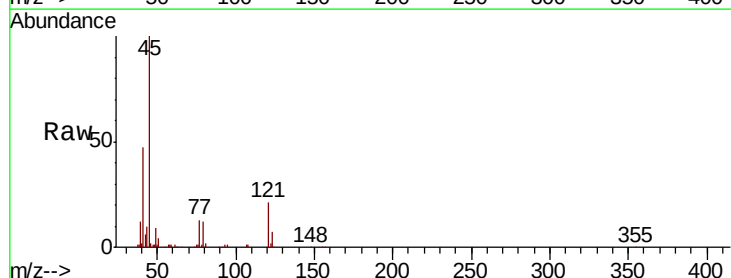
RT: 8.58 min Scan# 935

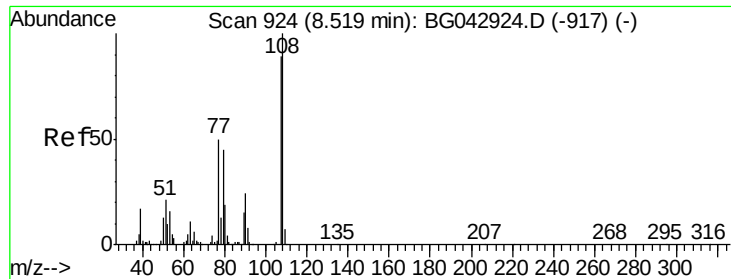
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.8
79	11.6	0.0	29.4





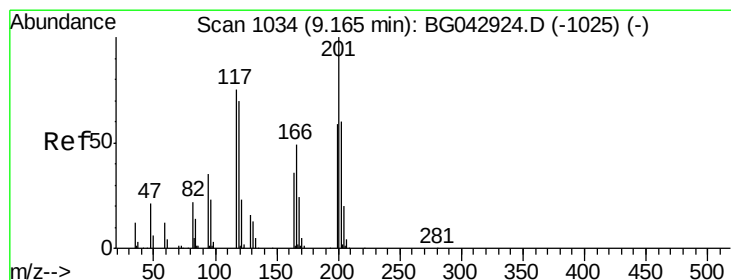
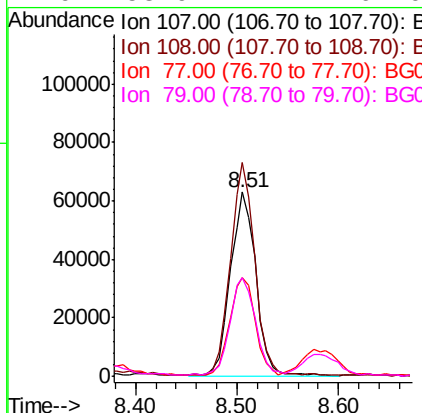
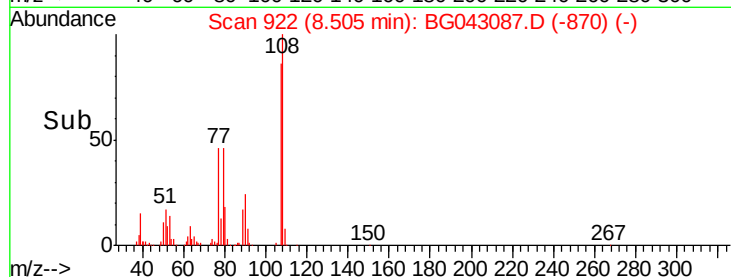
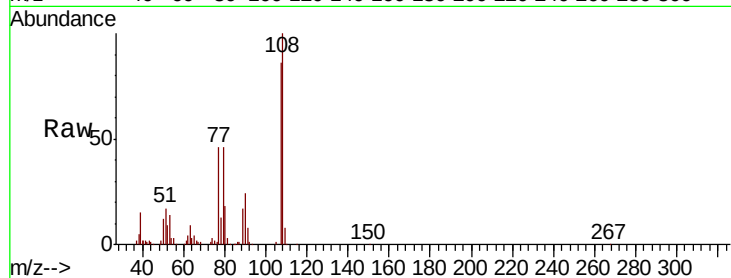
#17
2-Methylphenol
Concen: 42.524 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	89.9	134.9	
77	53.6	45.4	68.2	
79	53.9	41.4	62.0	

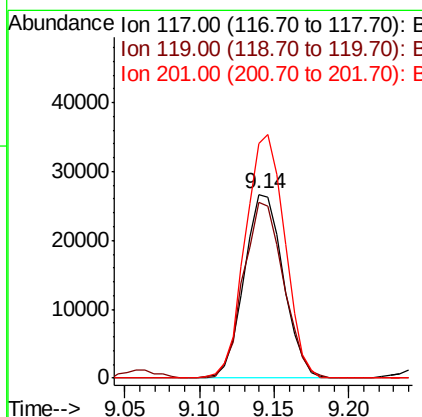
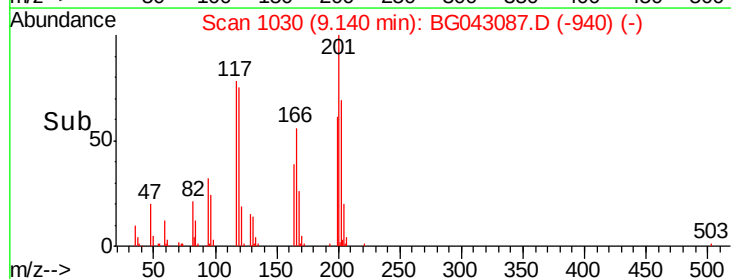
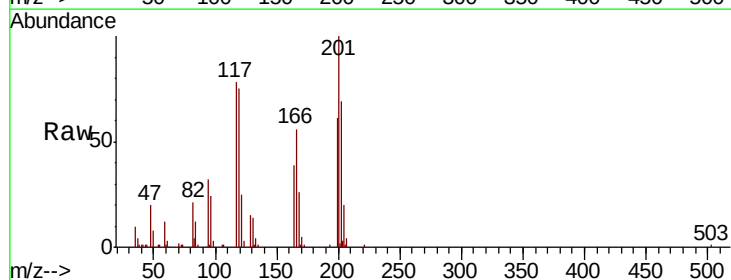
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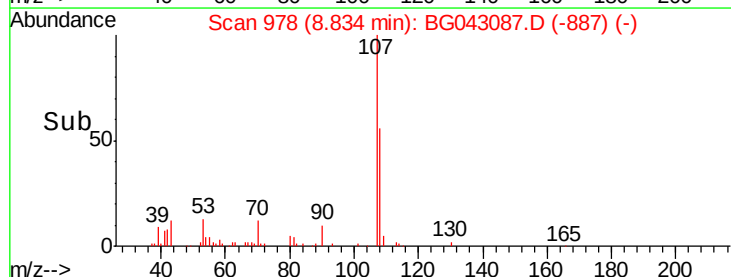
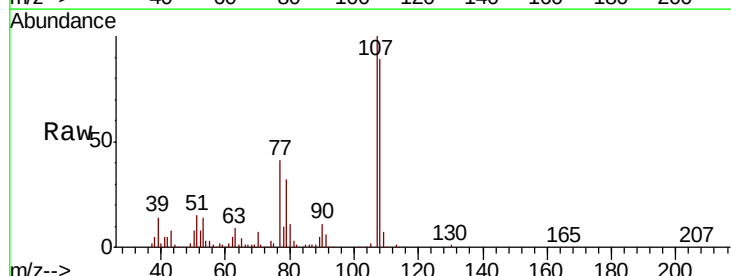
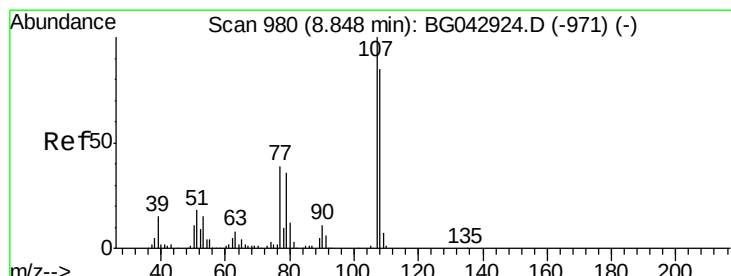
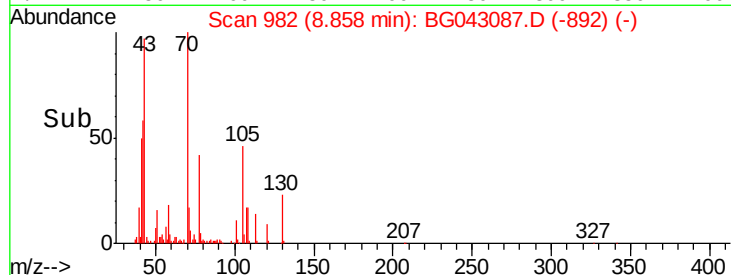
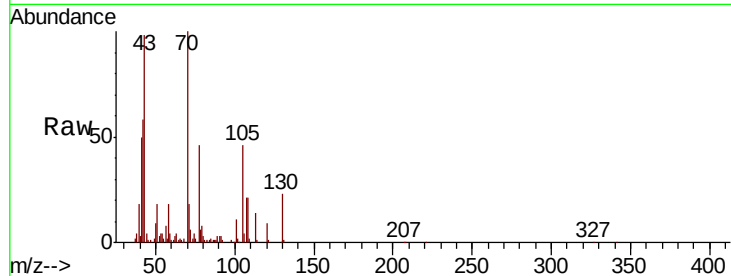
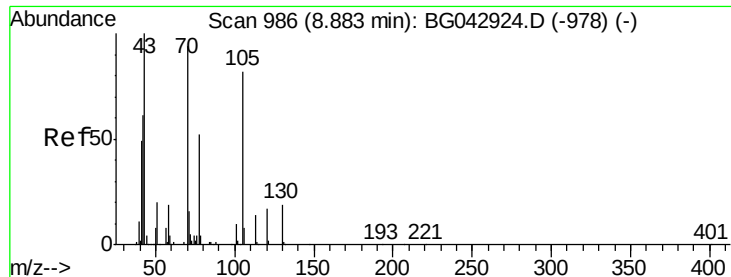
mohammad
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#18
Hexachloroethane
Concen: 35.047 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	74.6	111.8	
201	127.7	106.0	159.0	





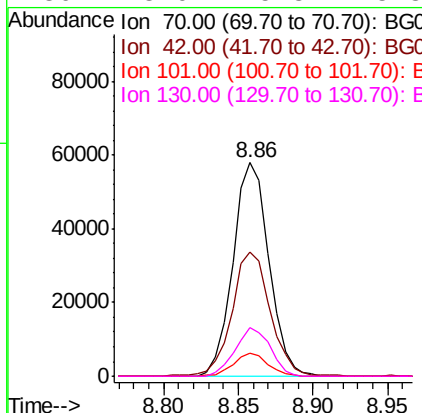
#19
n-Nitroso-di-n-propylamine
Concen: 37.207 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.4	52.6	79.0	
101	11.0	8.7	13.1	
130	23.0	15.8	23.8	

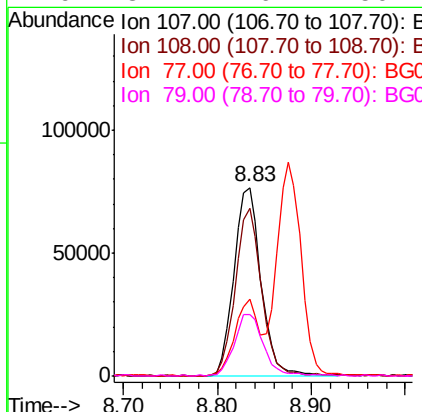
Manual Integrations
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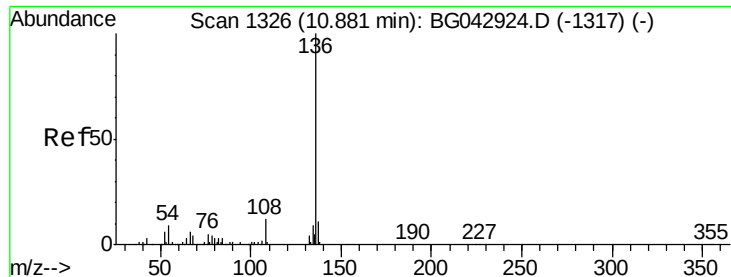
mohammad
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#20
3+4-Methylphenols
Concen: 43.899 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	64.9	104.9	
77	40.6	19.4	59.4	
79	32.4	16.2	56.2	





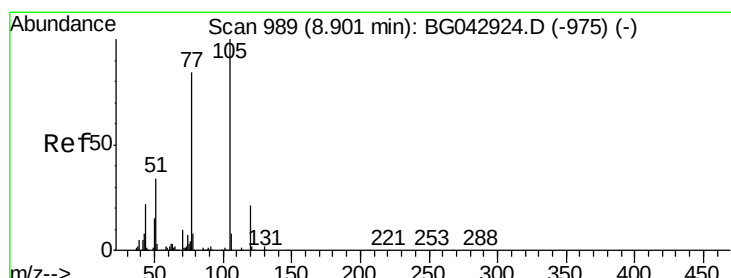
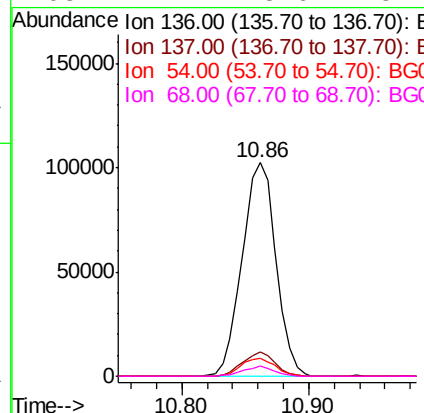
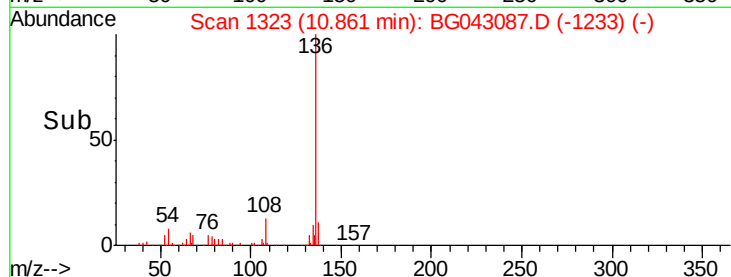
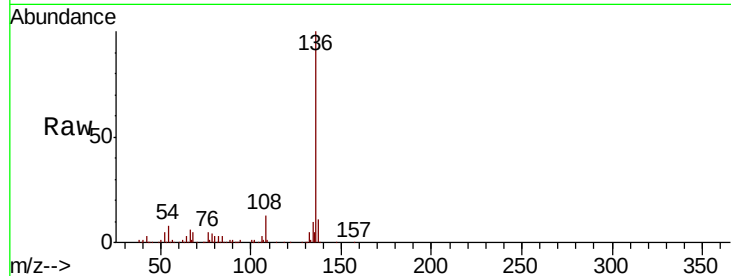
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		189625		
137	11.2		8.5	12.7	
54	8.4		7.4	11.2	
68	4.7		3.6	5.4	

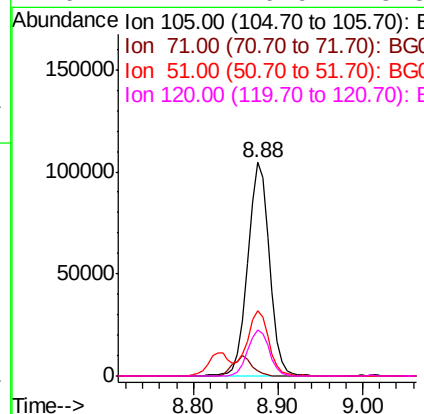
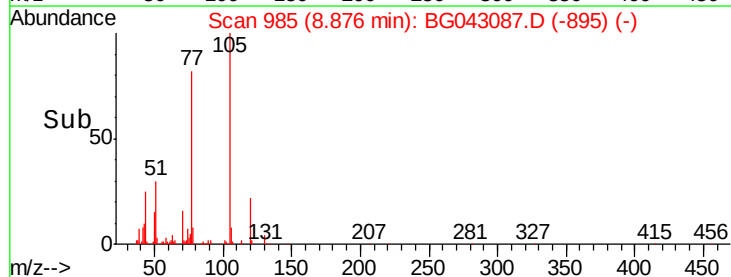
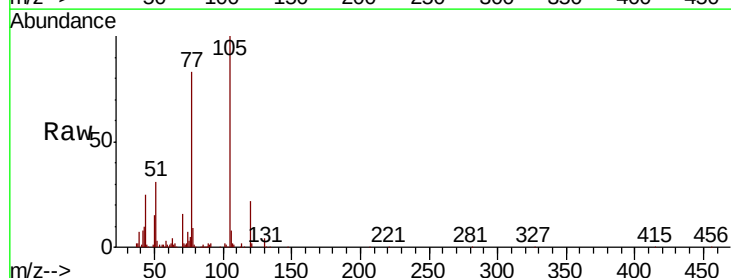
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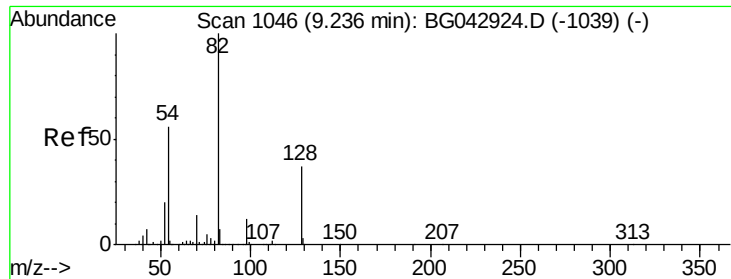
mohammad
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#22
Acetophenone
Concen: 37.967 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		185580		
71	2.3		1.2	1.8#	
51	30.7		27.2	40.8	
120	21.7		16.9	25.3	





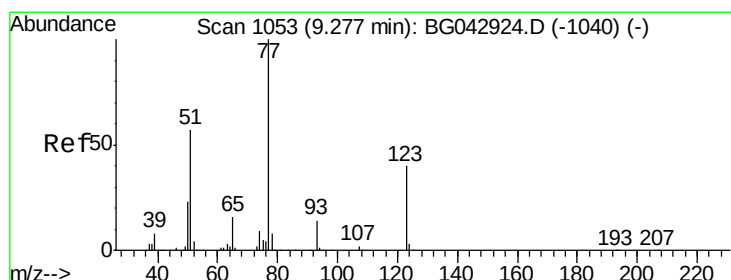
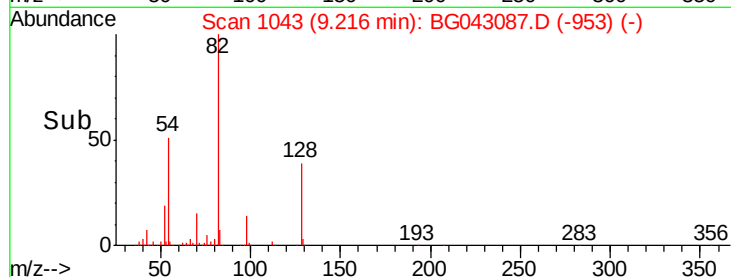
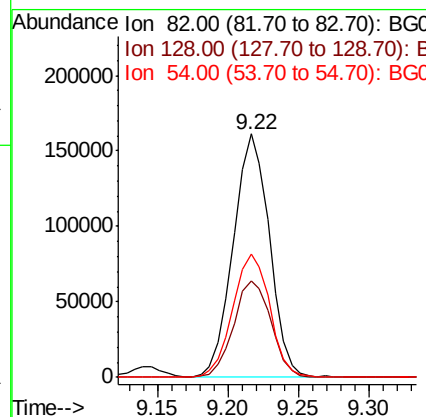
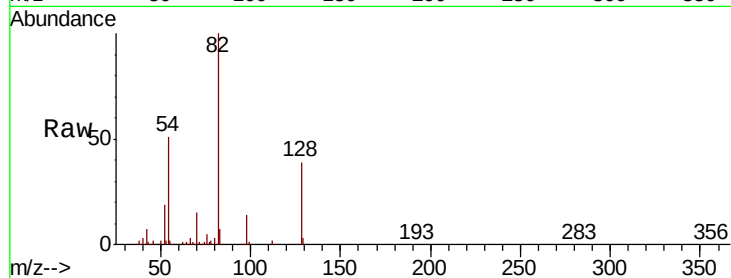
#23
Nitrobenzene-d5
Concen: 73.803 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.5	44.3
54	50.7	44.6	67.0

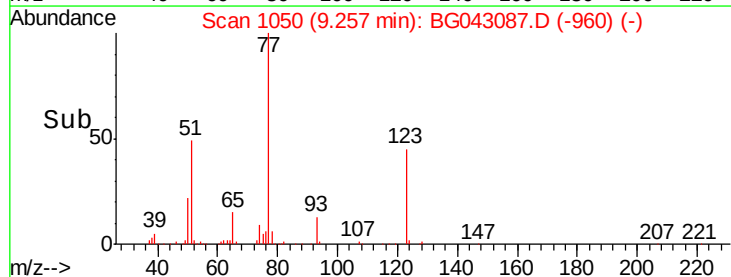
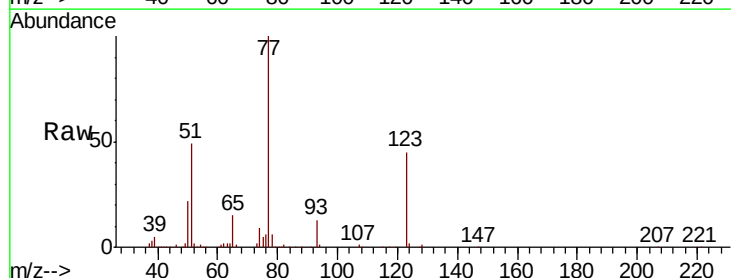
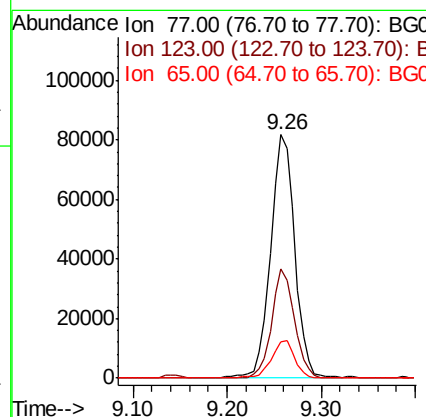
Manual Integrations
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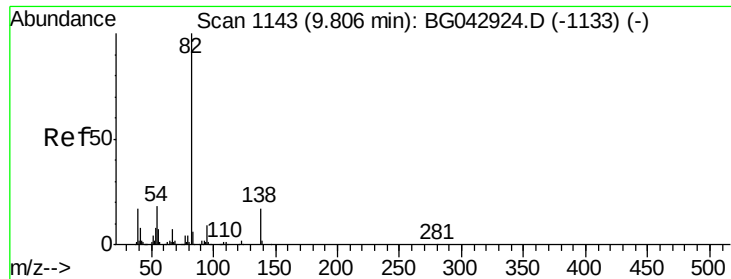
mohammad
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#24
Nitrobenzene
Concen: 39.101 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	31.9	47.9
65	14.7	12.4	18.6





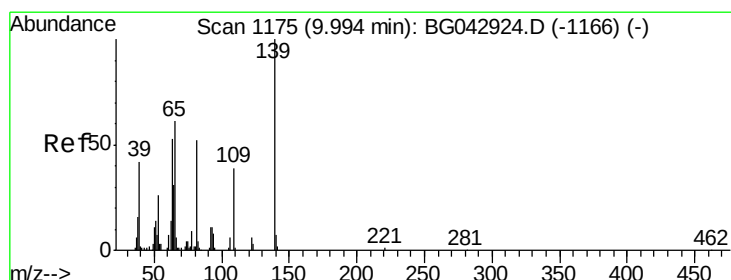
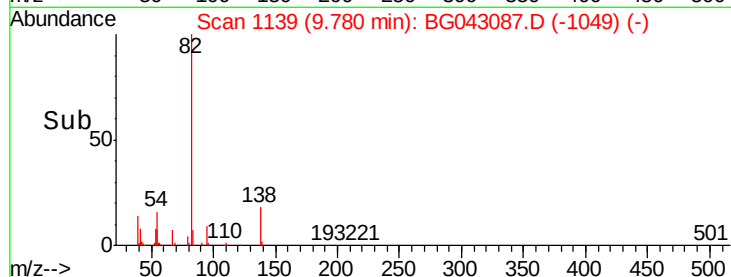
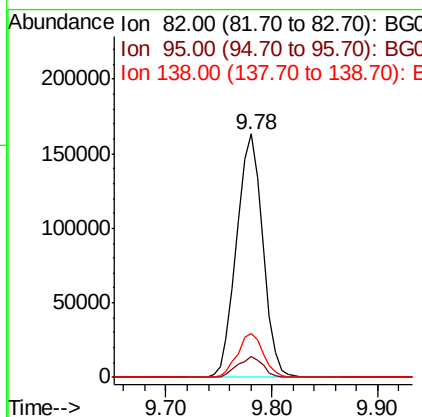
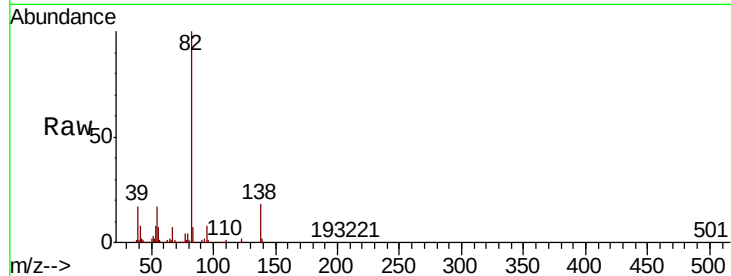
#25
Isophorone
Concen: 40.798 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	7.0	10.4
138	17.9	13.8	20.6

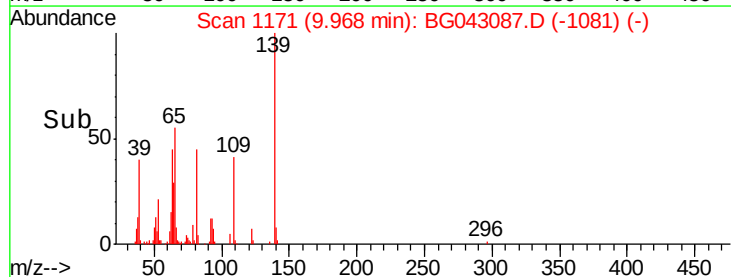
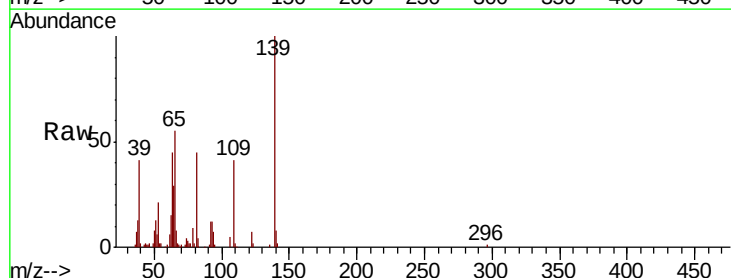
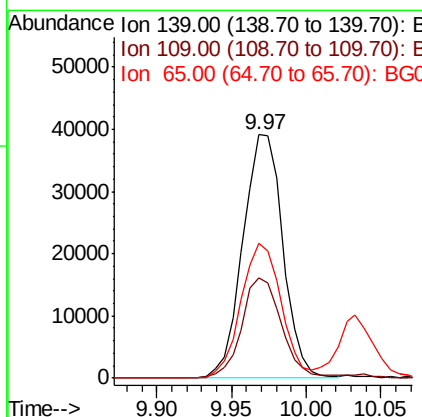
Manual Integrations
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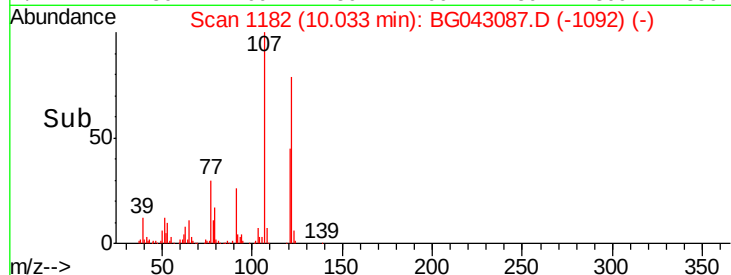
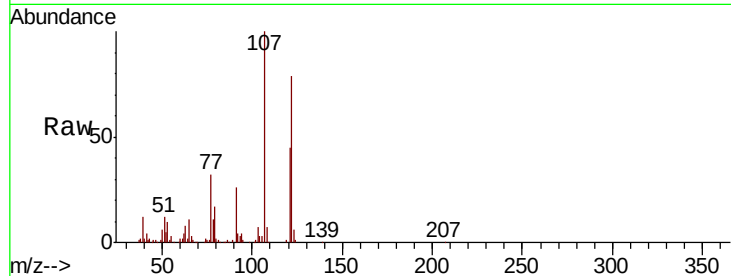
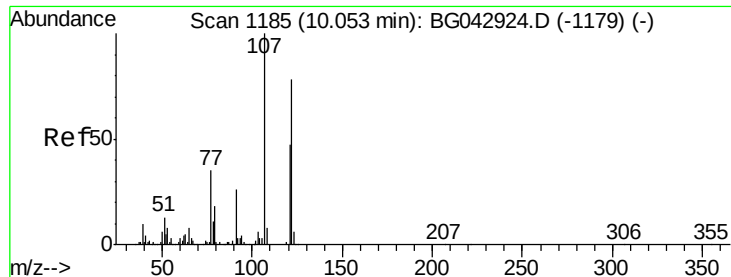
mohammad
10/11/2019 8:29:48 AM



#26
2-Nitrophenol
Concen: 45.801 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.0	31.0	46.6
65	55.1	48.4	72.6





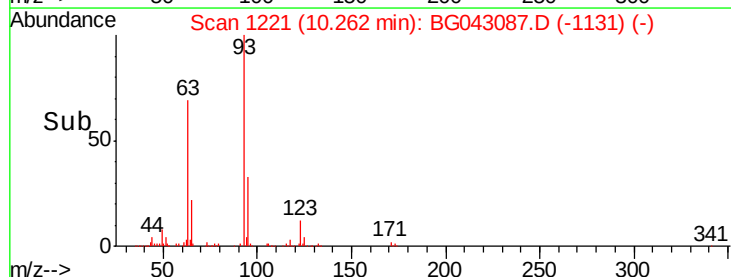
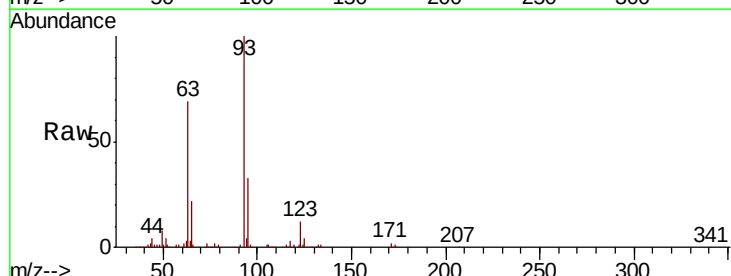
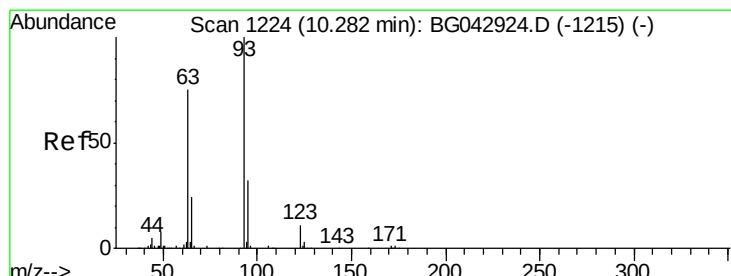
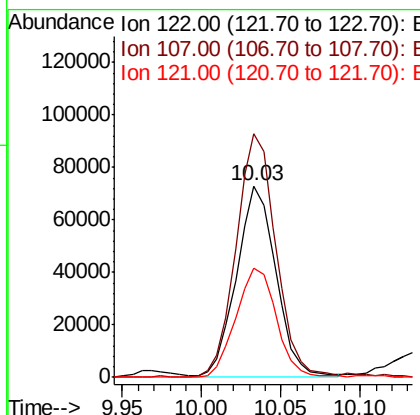
#27
2,4-Dimethylphenol
Concen: 51.344 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.3	102.2	153.2
121	57.3	48.5	72.7

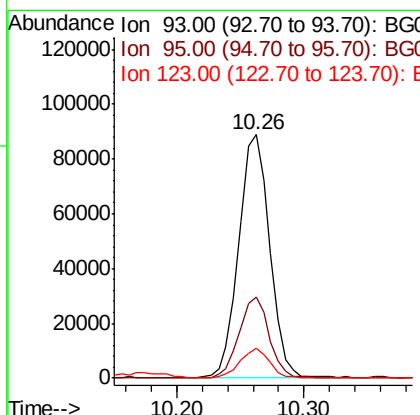
Manual Integrations
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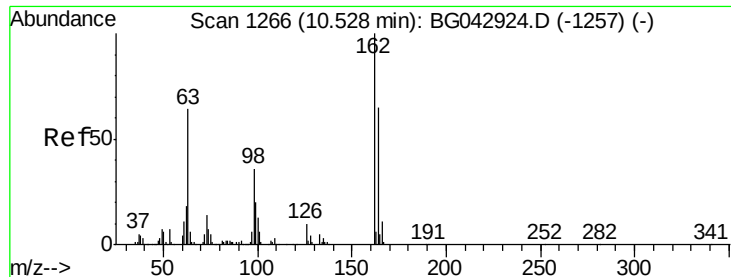
mohammad
10/11/2019 8:29:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.814 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	12.3	9.3	13.9





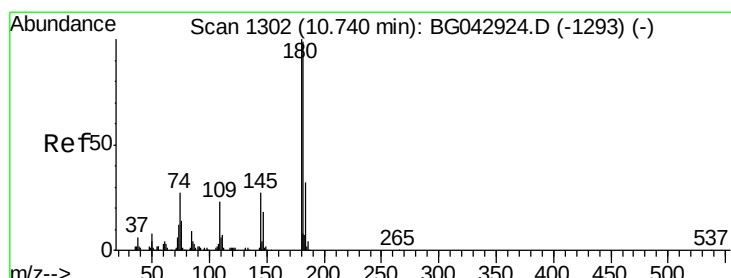
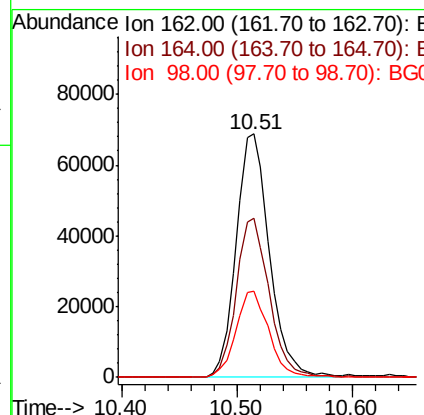
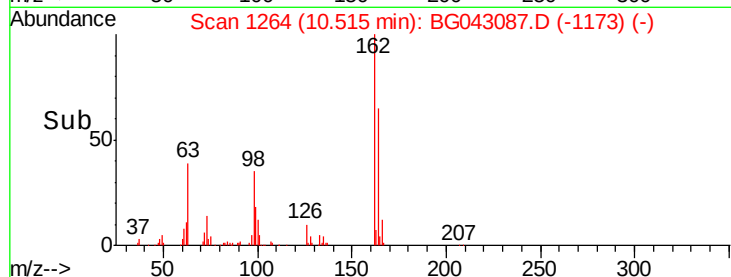
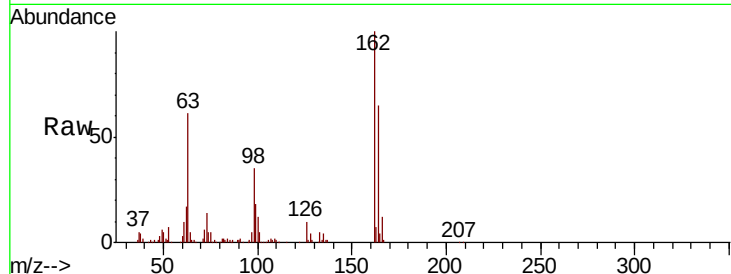
#29
 2,4-Dichlorophenol
 Concen: 45.445 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tot Ion:	162	Resp:	137501
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.7	84.7
98	35.4	16.0	56.0

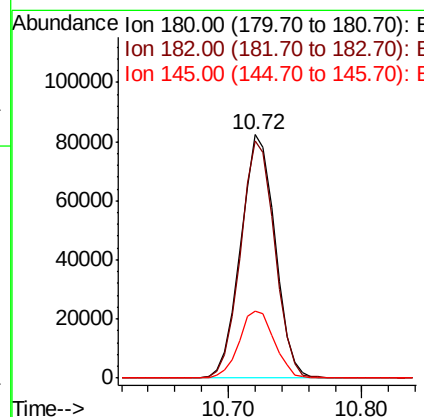
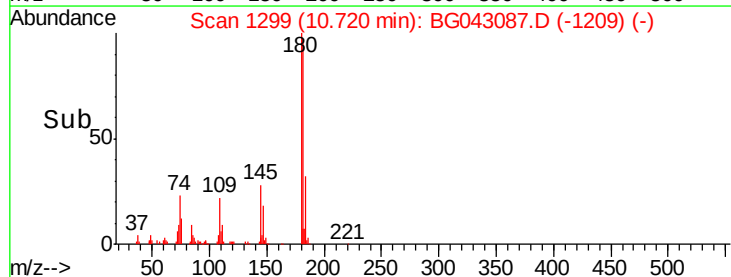
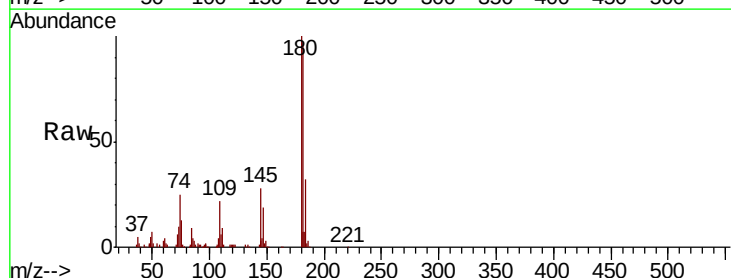
Manual Integrations
 APPROVED

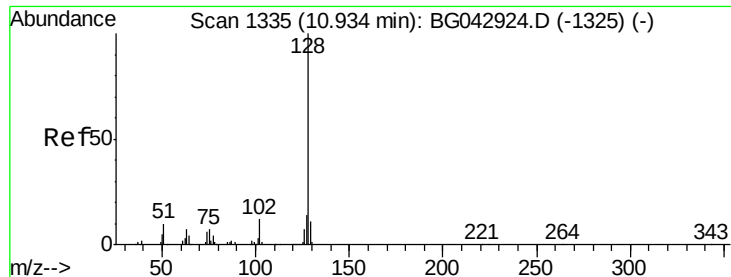
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.475 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Tgt Ion:	180	Resp:	146426
Ion Ratio	Lower	Upper	
180	100		
182	97.2	79.3	118.9
145	27.7	22.0	33.0





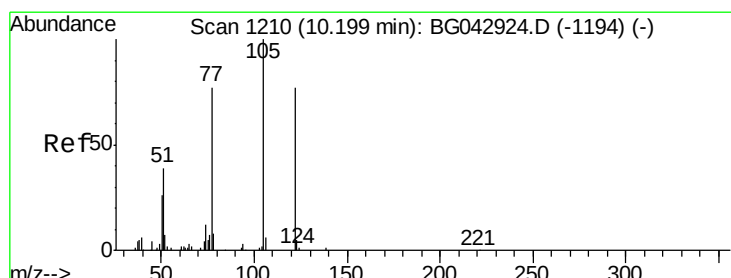
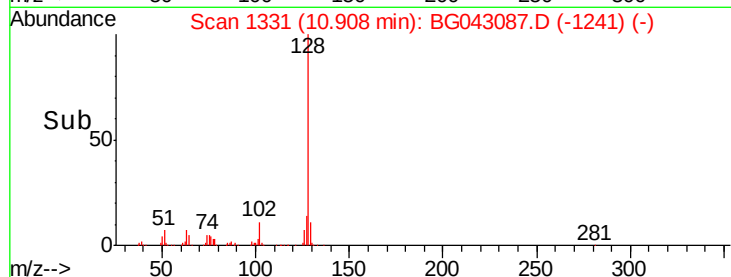
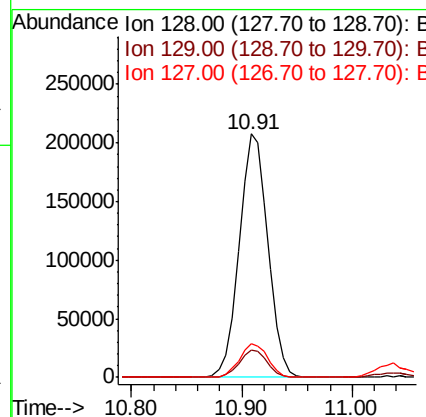
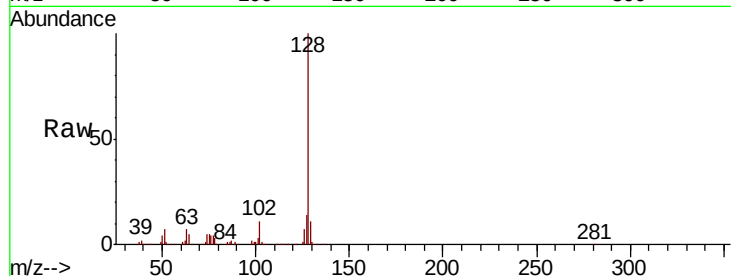
#31
Naphthalene
Concen: 40.384 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	376963		
129	11.2		8.8	13.2
127	13.7		11.3	16.9

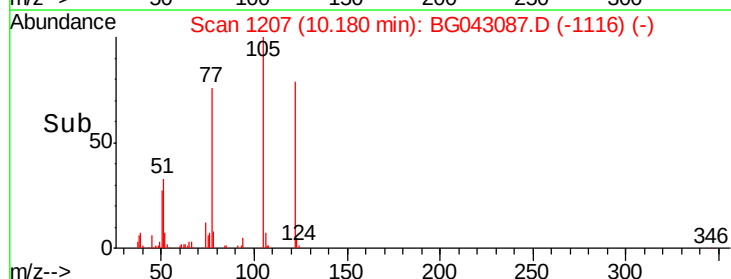
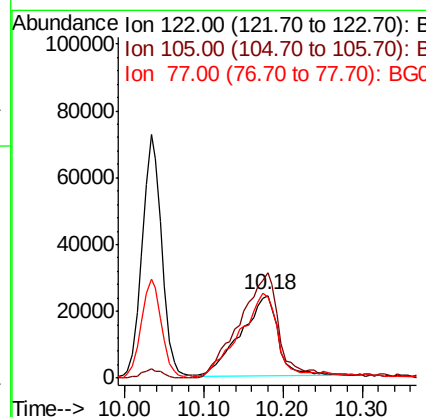
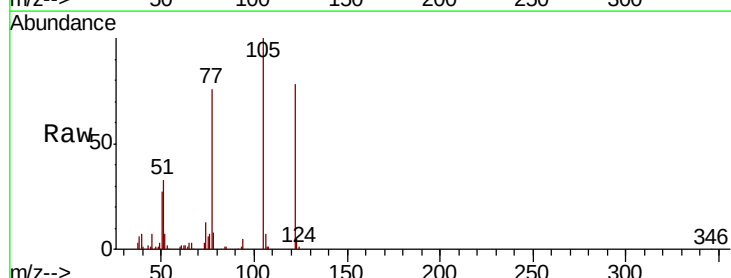
Manual Integrations
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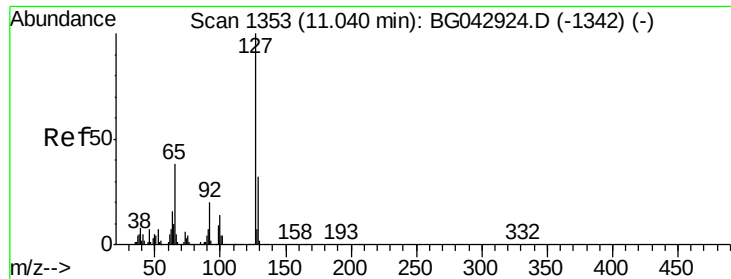
mohammad
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#32
Benzoic acid
Concen: 43.728 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	81221		
105	127.9		107.5	147.5
77	97.6		79.8	119.8





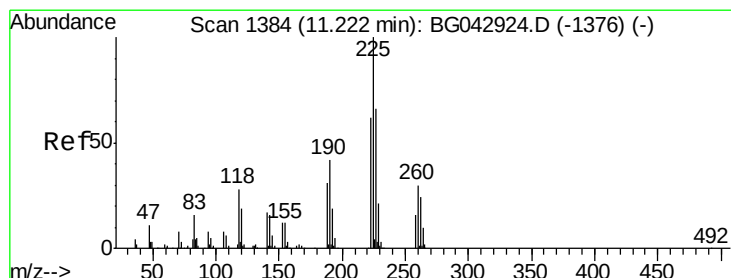
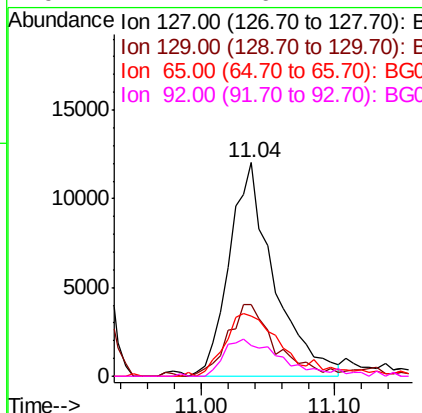
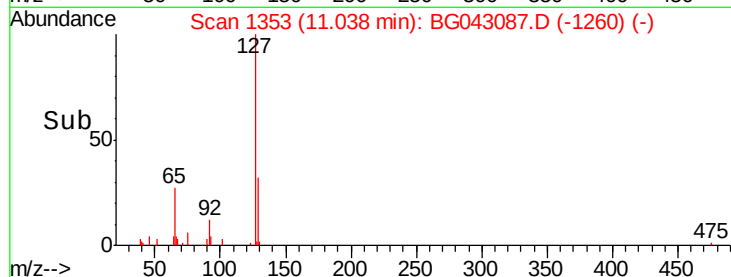
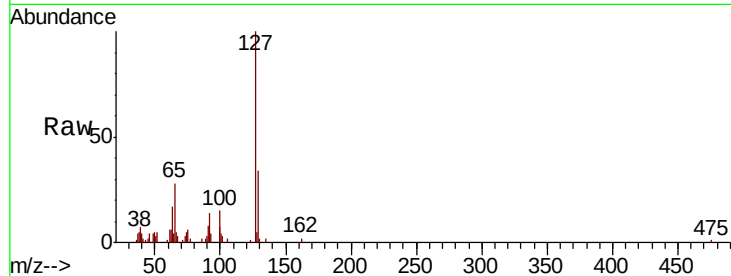
#33
4-Chloroaniline
Concen: 6.898 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.2	39.2		
65	28.4	30.6	45.8		
92	14.1	16.2	24.4		

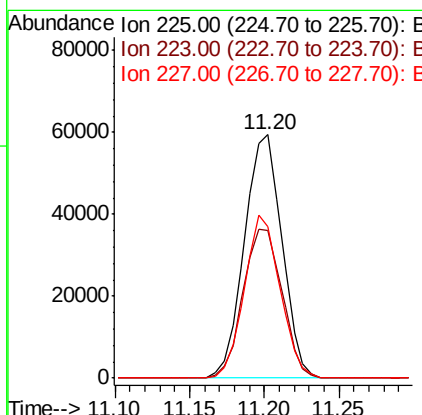
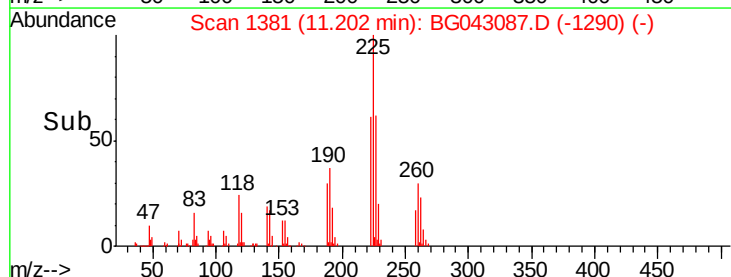
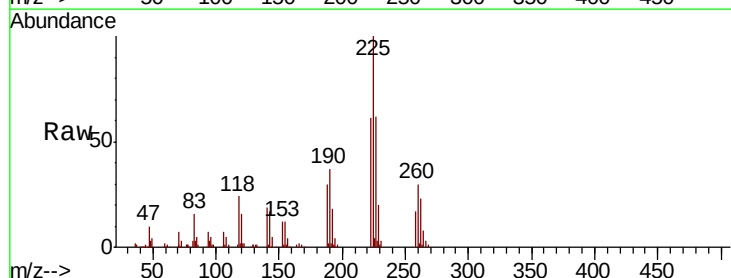
Manual Integrations
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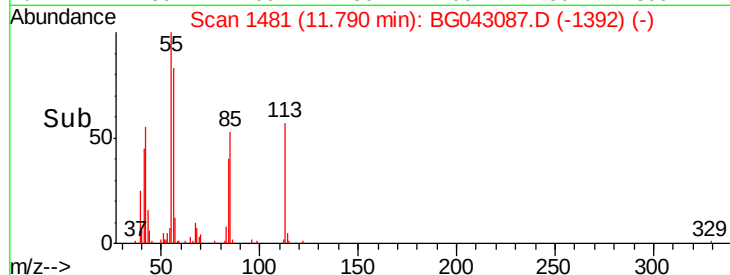
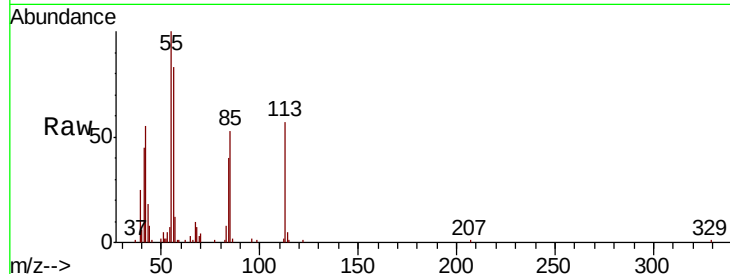
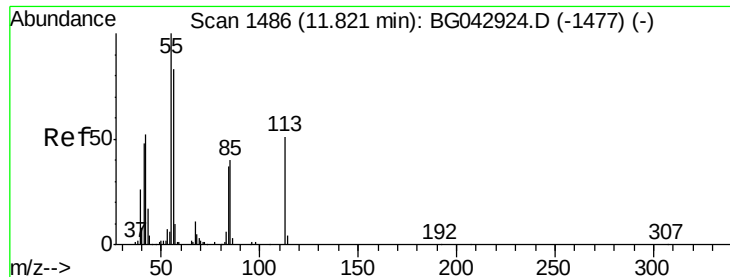
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#34
Hexachlorobutadiene
Concen: 35.330 ng
RT: 11.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	49.3	73.9		
227	62.2	52.8	79.2		





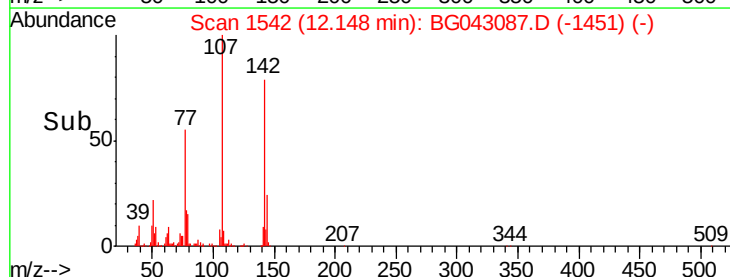
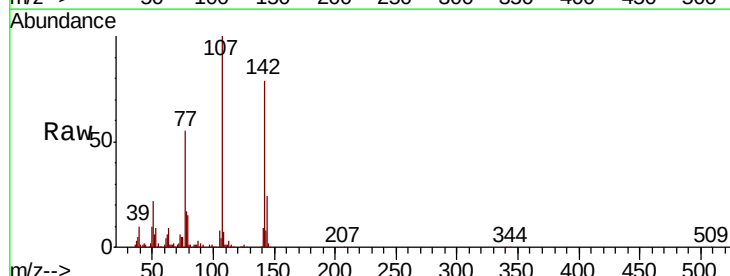
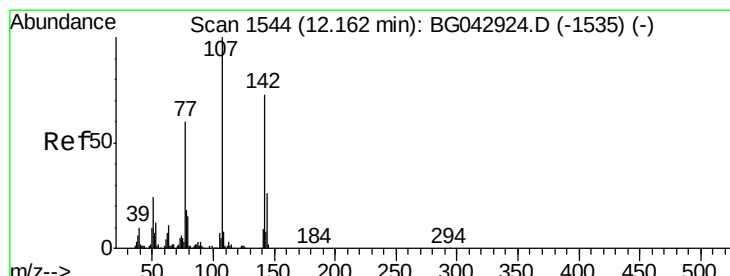
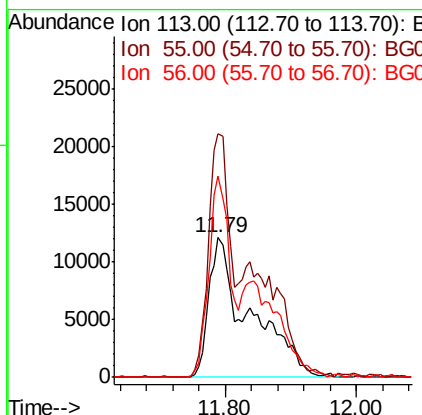
#35
Caprolactam
Concen: 48.091 ng/ml
RT: 11.79 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.7	175.5	215.5#
56	144.6	142.3	182.3

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

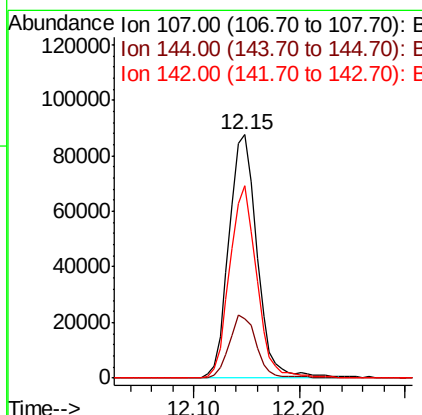
Manual Integrations
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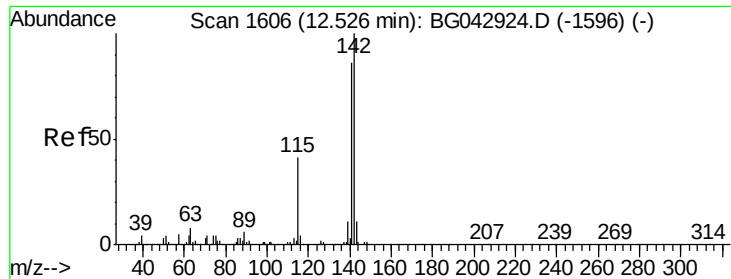
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 49.066 ng/ml
RT: 12.15 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.7	31.1
142	79.2	58.6	87.8





#37

2-Methylnaphthalene

Concen: 40.981 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

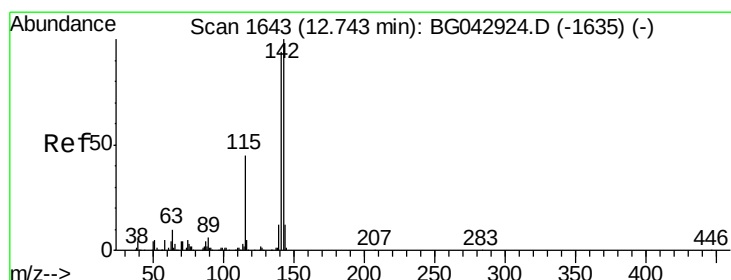
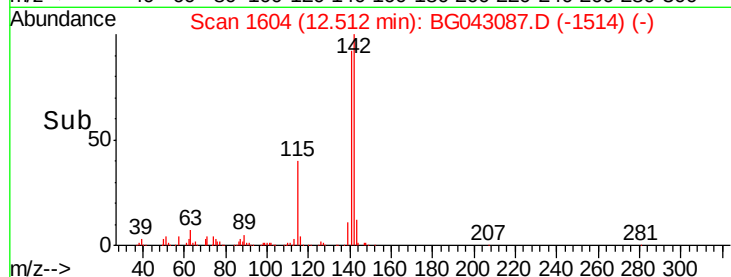
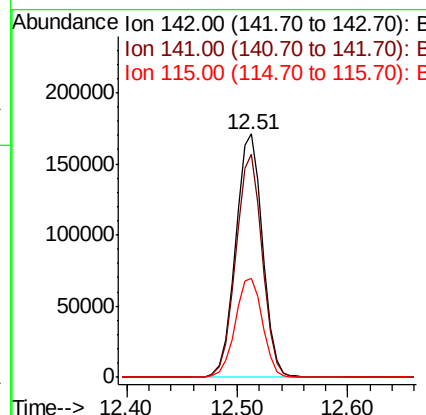
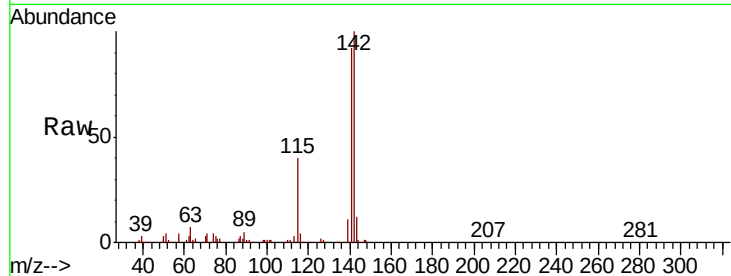
ClientSampleId :

HR-05-100219MS

Tot Ion:	142	Resp:	291828
Ion Ratio	Lower	Upper	
142	100		
141	91.7	69.0	103.4
115	40.5	32.8	49.2

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 41.343 ng

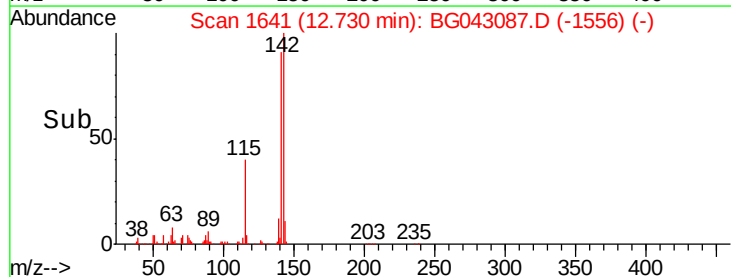
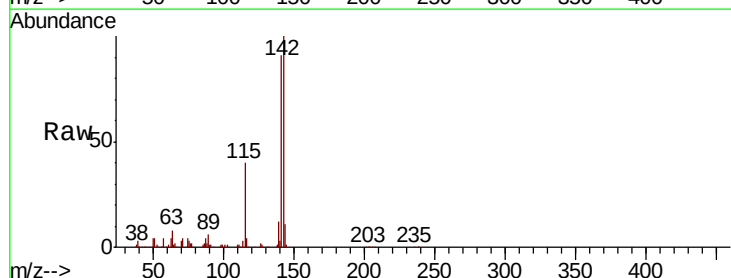
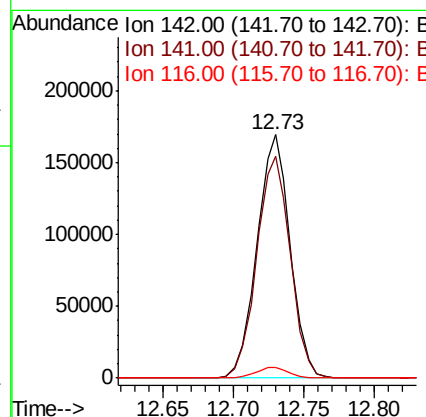
RT: 12.73 min Scan# 1641

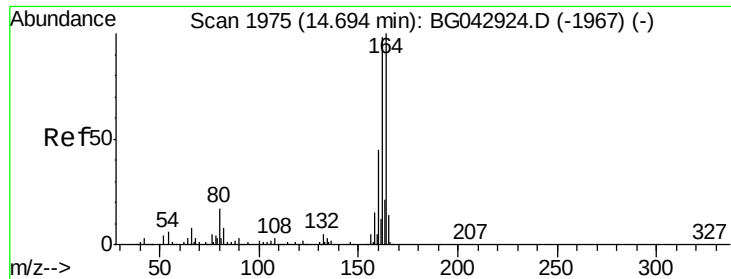
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	142	Resp:	278578
Ion Ratio	Lower	Upper	
142	100		
141	91.4	74.9	112.3
116	4.2	3.7	5.5





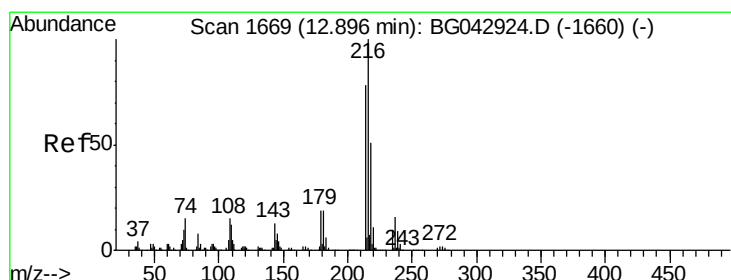
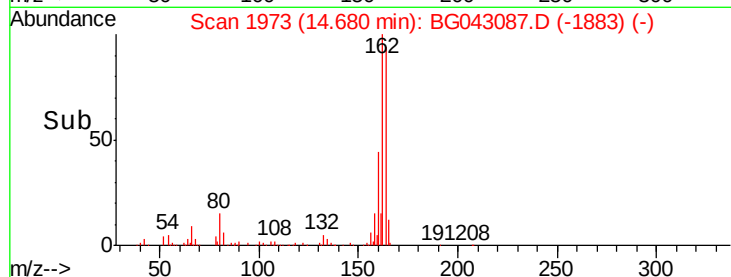
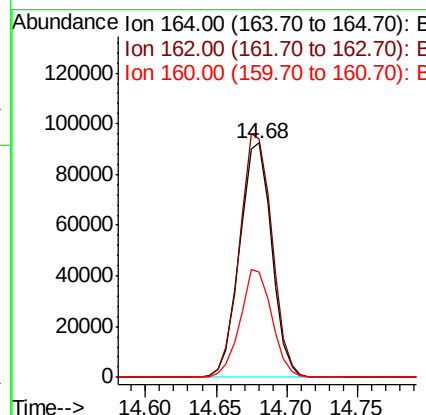
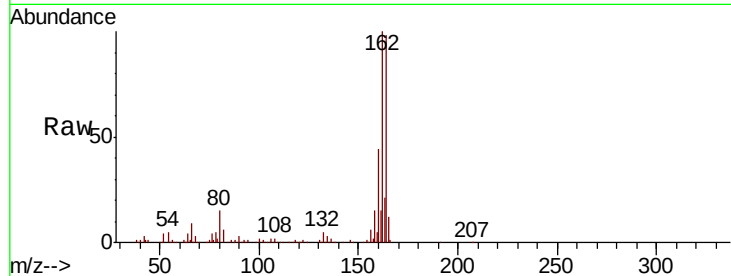
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.5	117.7
160	44.7	35.9	53.9

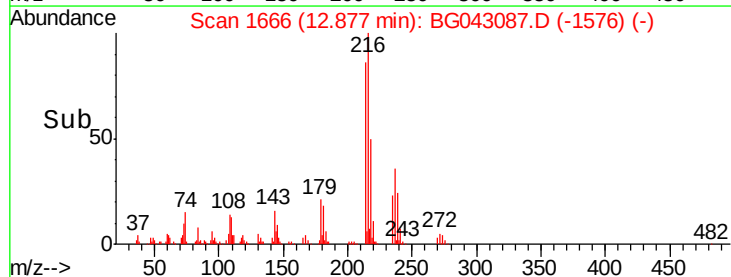
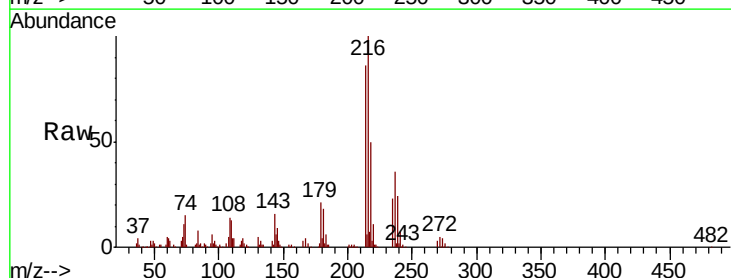
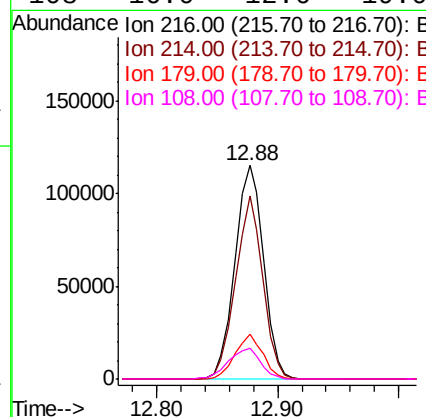
Manual Integrations
APPROVED

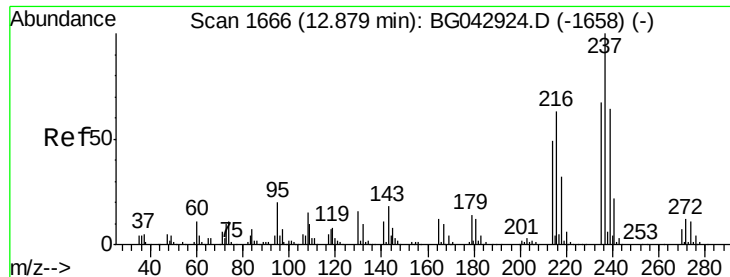
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.370 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.4	93.6
179	20.1	15.4	23.2
108	16.0	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 66.946 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

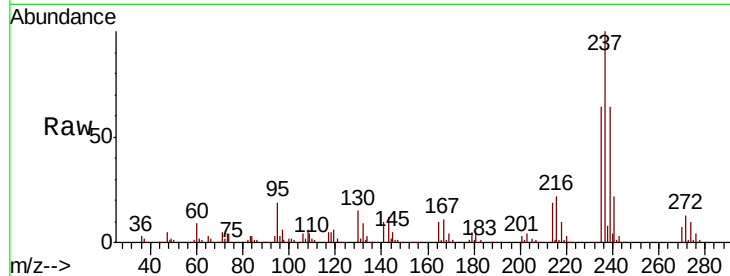
ClientSampleId :

HR-05-100219MS

Tot Ion:	237	Resp:	235092
Ion Ratio	Lower	Upper	
237	100		
235	63.8	46.7	86.7
272	12.9	0.0	32.3

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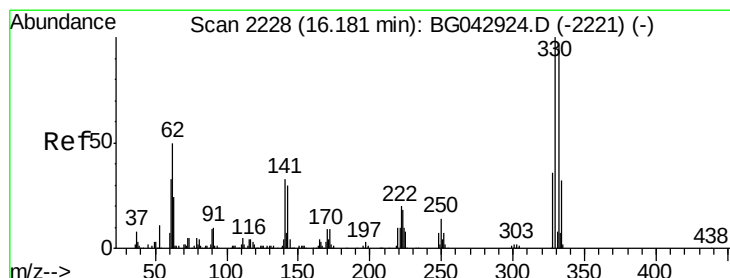
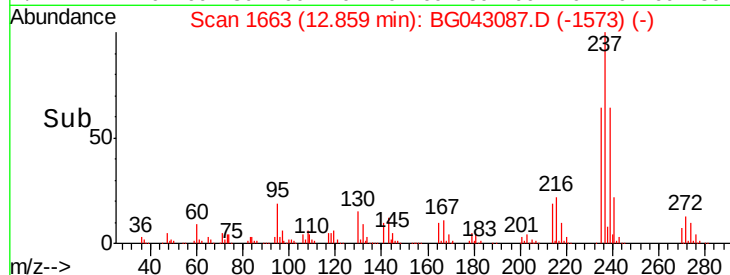
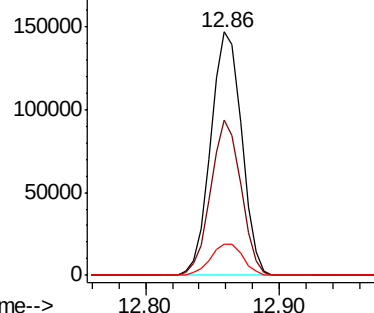


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.549 ng

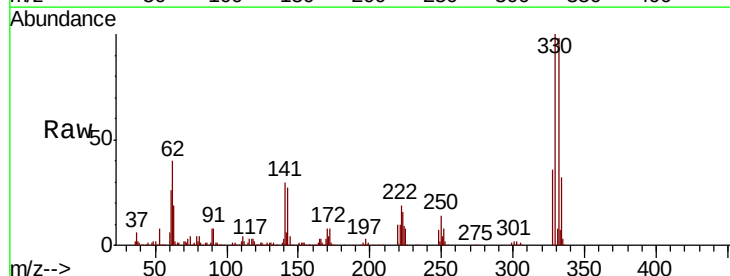
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	330	Resp:	346710
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.2	117.2
141	28.9	26.0	39.0

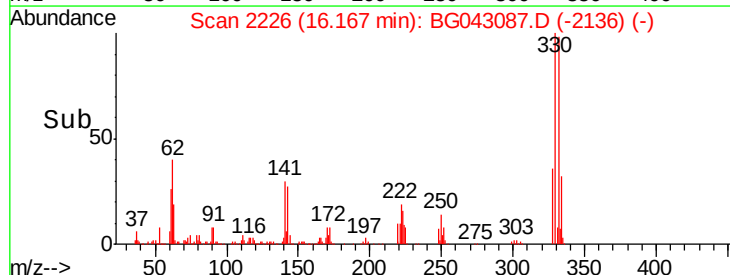
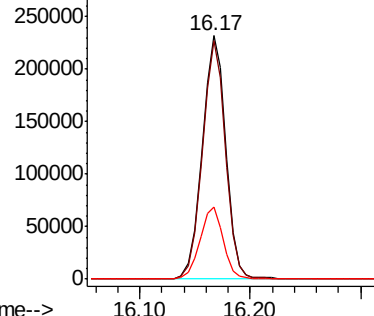


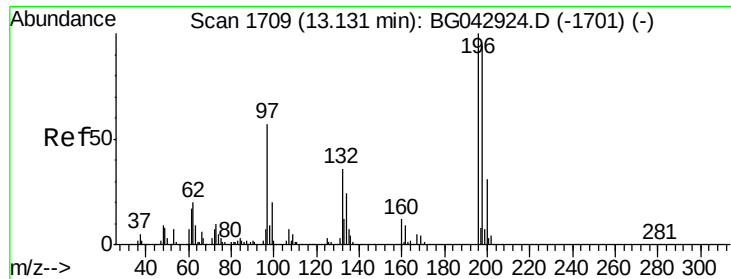
Abundance

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





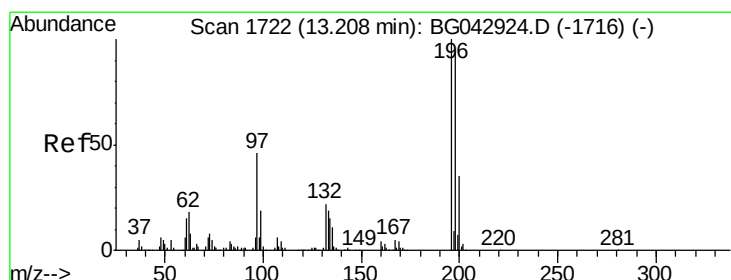
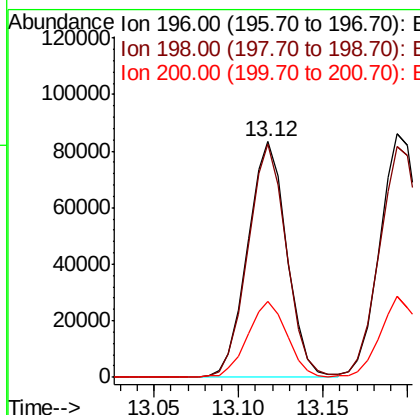
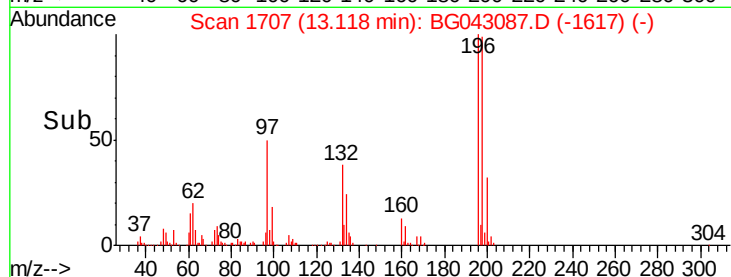
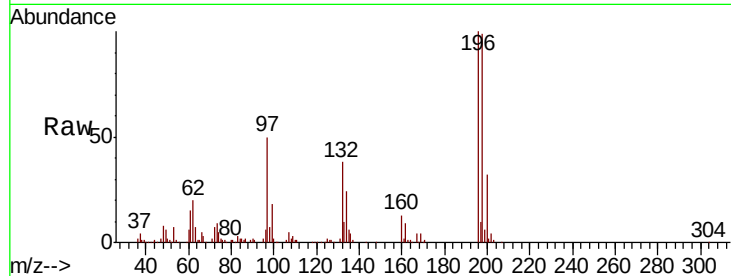
#43
 2,4,6-Trichlorophenol
 Concen: 41.652 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		134365		
198	99.2	75.5	113.3		
200	32.0	24.9	37.3		

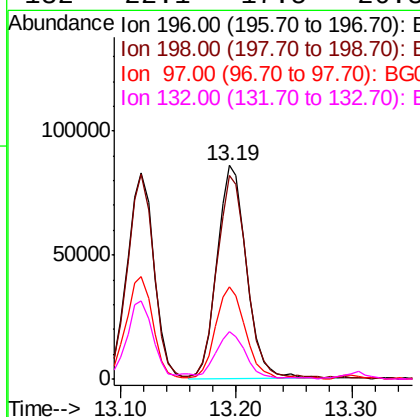
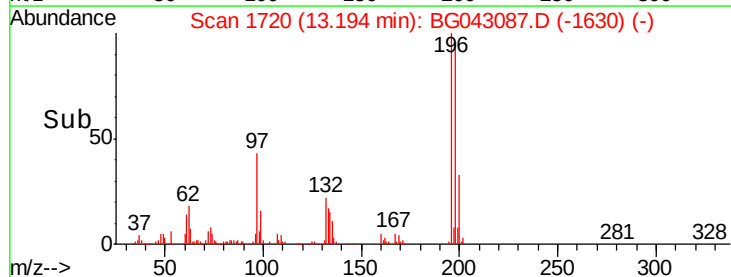
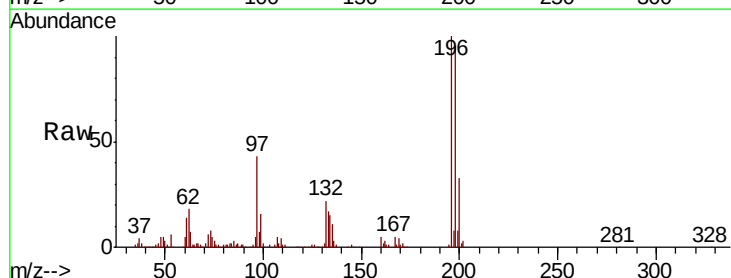
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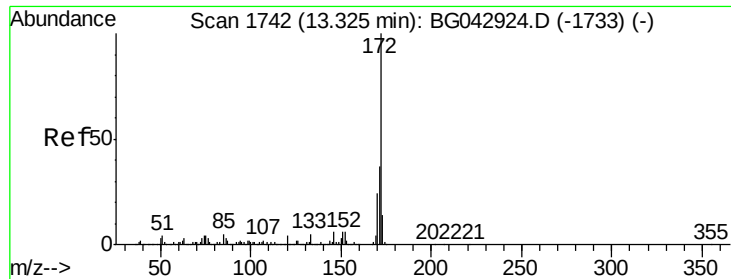
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.554 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		151383		
198	95.0	75.1	112.7		
97	43.3	37.0	55.4		
132	22.1	17.5	26.3		





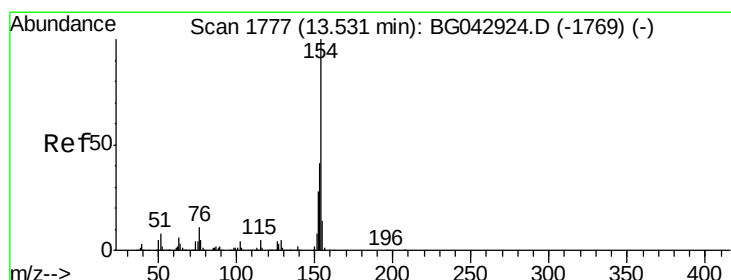
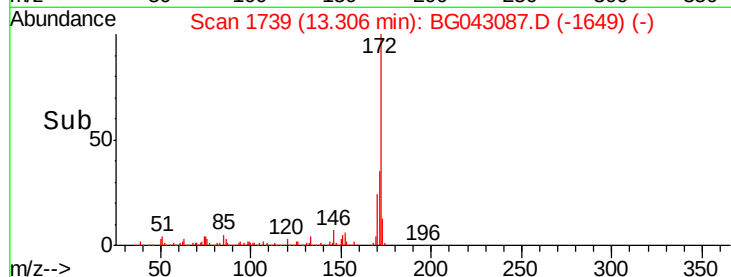
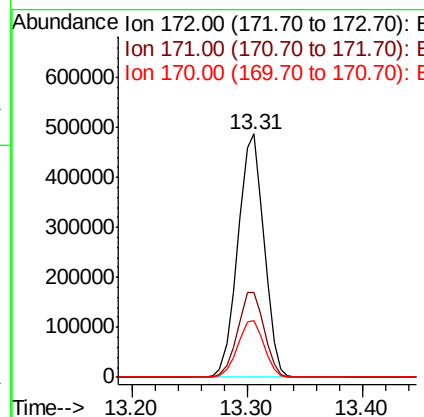
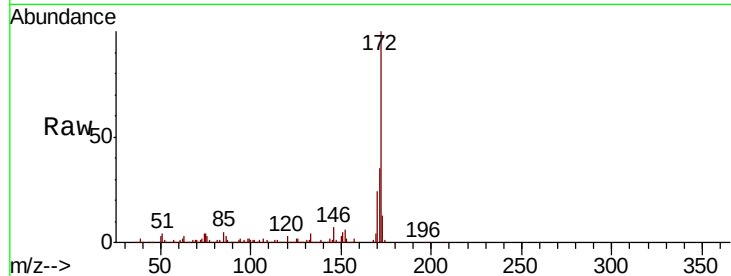
#45
2-Fluorobiphenyl
Concen: 75.409 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		762492		
171	34.8	29.6		44.4	
170	23.6	19.6		29.4	

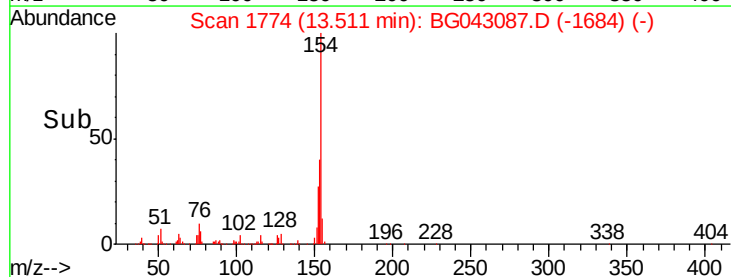
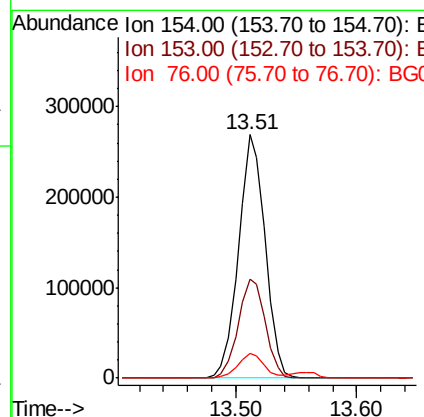
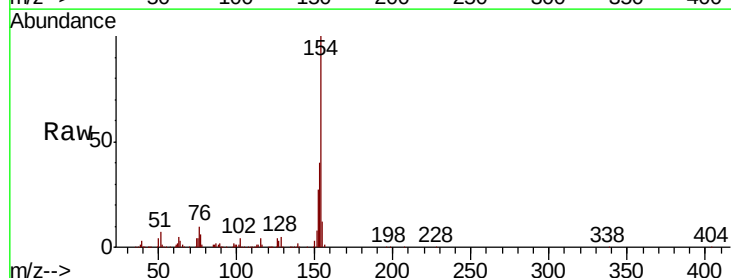
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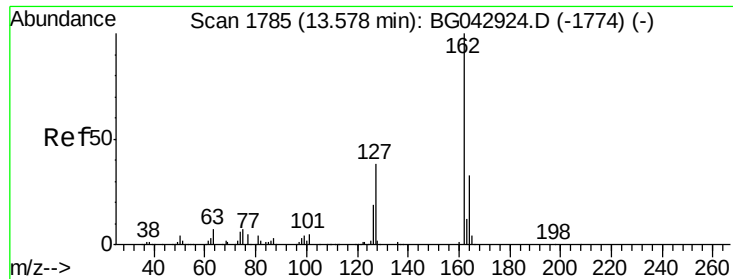
mohammad
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#46
1,1'-Biphenyl
Concen: 37.049 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		411840		
153	40.4	21.4		61.4	
76	10.3	0.0		31.3	





#47

2-Chloronaphthalene

Concen: 38.859 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

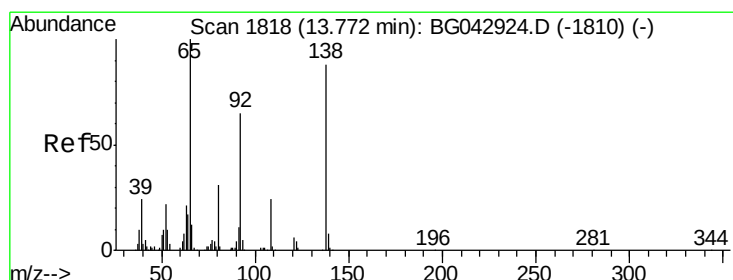
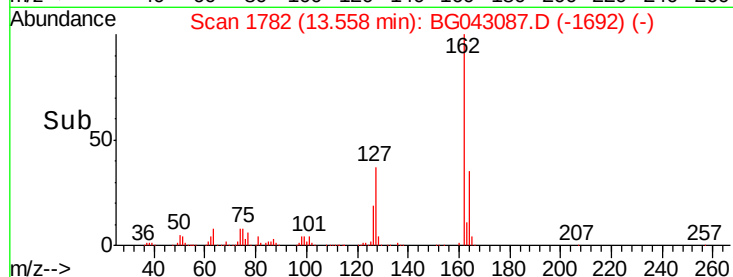
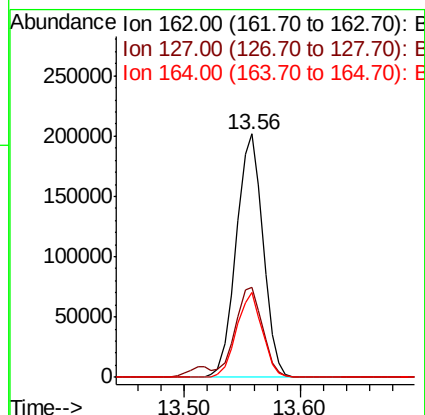
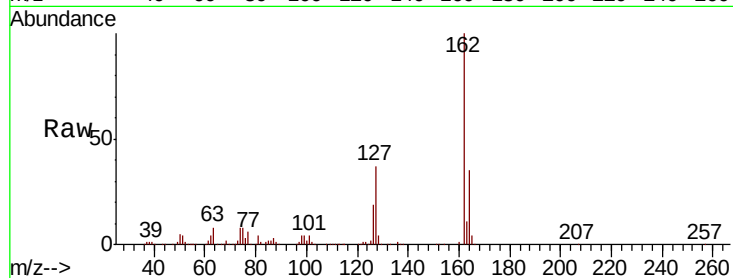
ClientSampleId :

HR-05-100219MS

Tot Ion:	162	Resp:	323868
Ion Ratio	Lower	Upper	
162	100		
127	37.0	31.0	46.6
164	34.8	26.2	39.2

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#48

2-Nitroaniline

Concen: 41.406 ng

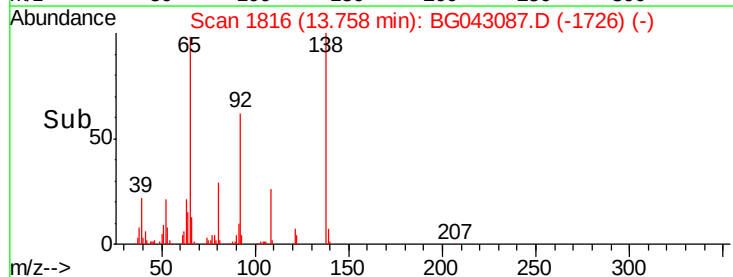
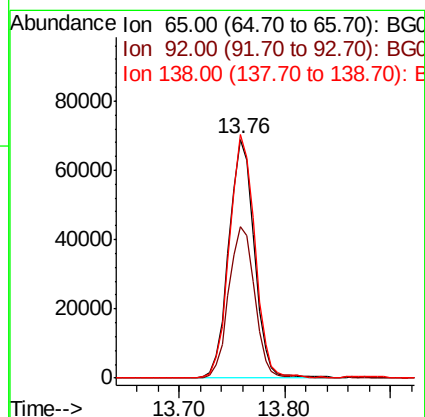
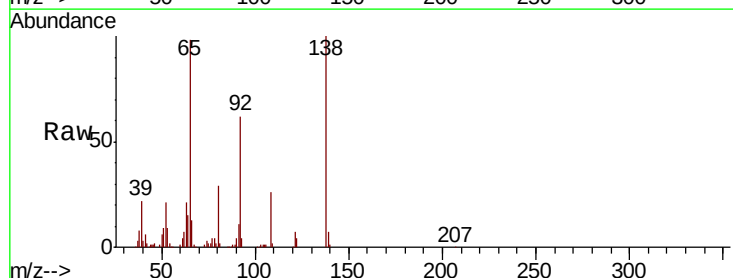
RT: 13.76 min Scan# 1816

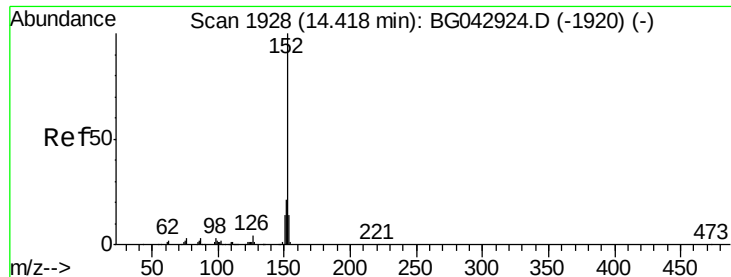
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	65	Resp:	114758
Ion Ratio	Lower	Upper	
65	100		
92	63.5	52.0	78.0
138	101.9	70.4	105.6





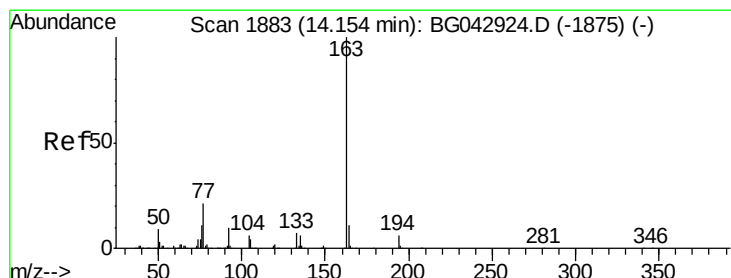
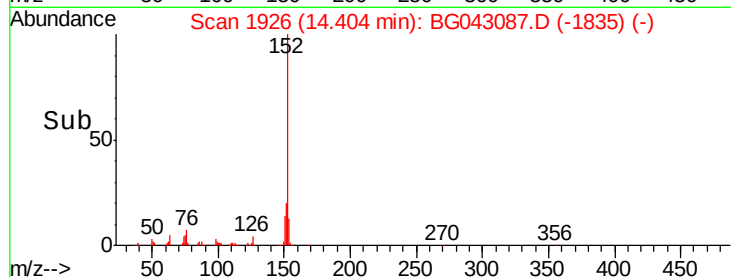
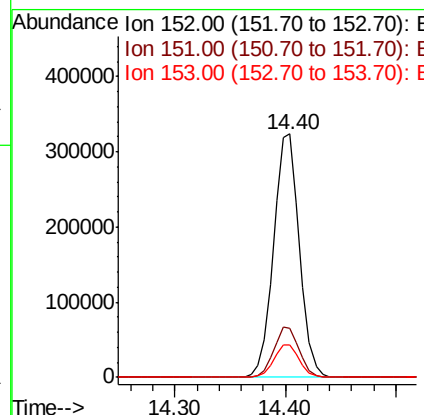
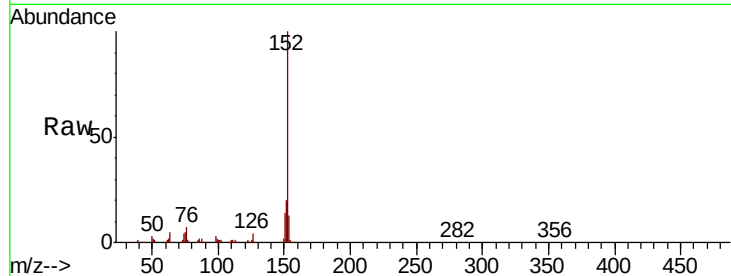
#49
Acenaphthylene
Concen: 41.193 ng
RT: 14.40 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.3	11.3	16.9

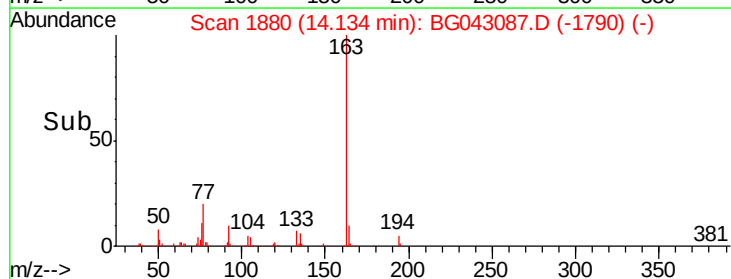
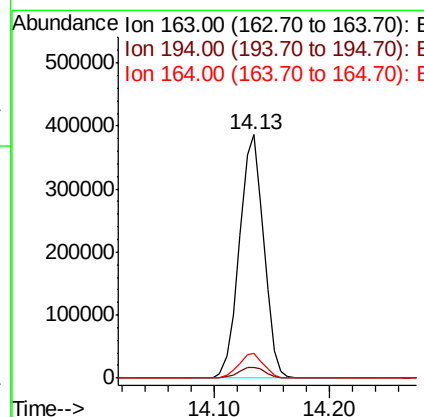
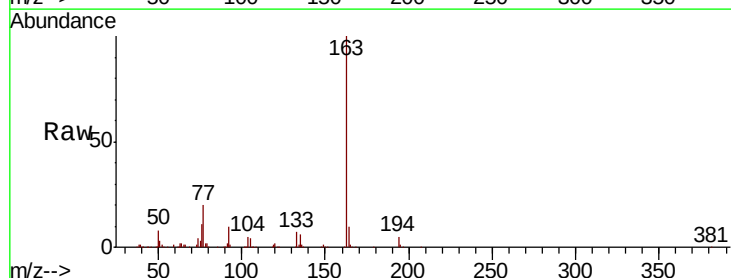
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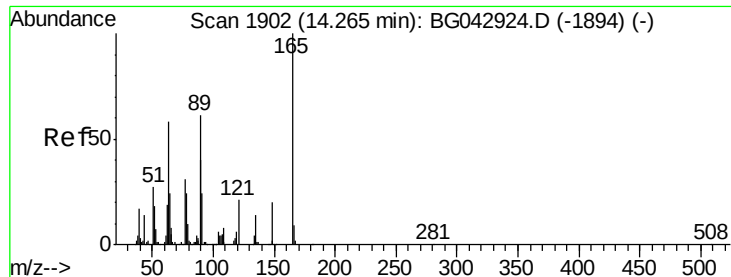
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#50
Dimethylphthalate
Concen: 51.178 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.4	6.6
164	10.3	8.6	12.8





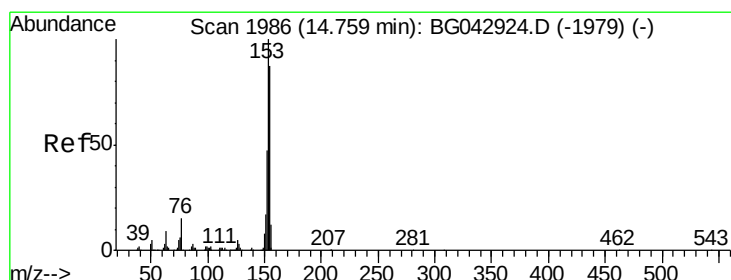
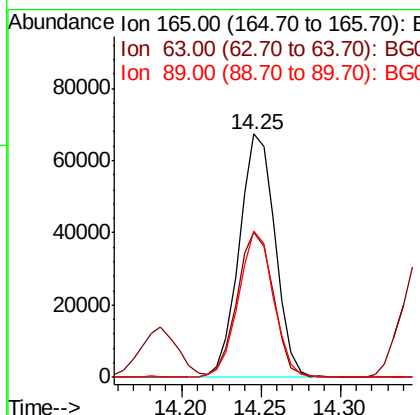
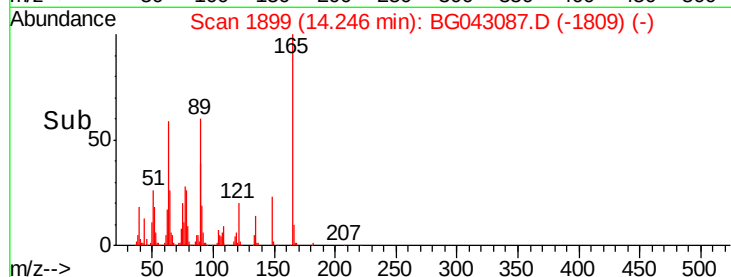
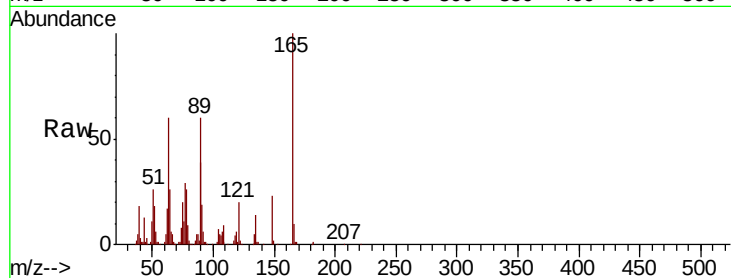
#51
2,6-Dinitrotoluene
Concen: 45.103 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.7	50.3	75.5
89	60.1	48.9	73.3

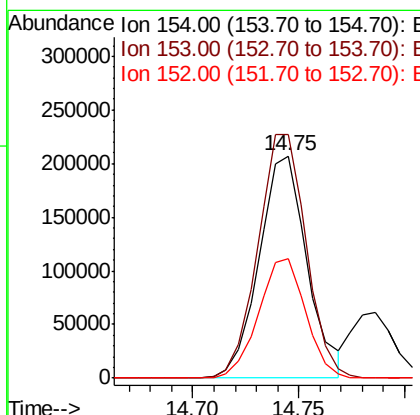
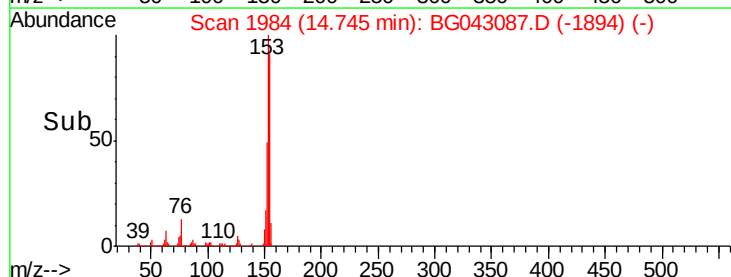
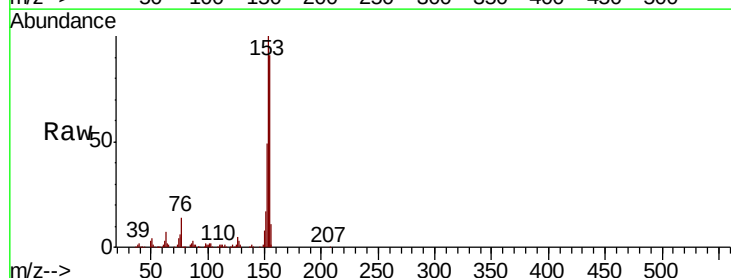
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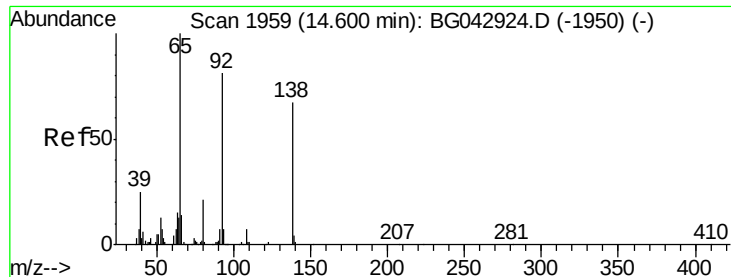
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#52
Acenaphthene
Concen: 38.297 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.4	91.4	137.0
152	53.8	42.8	64.2





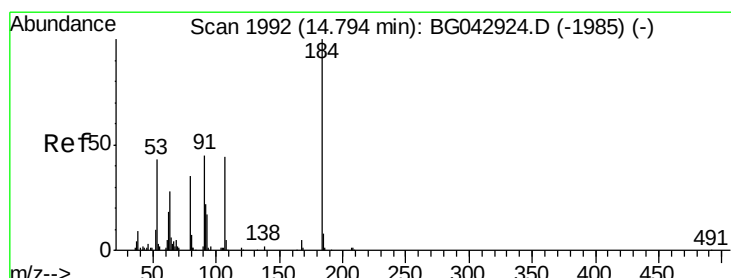
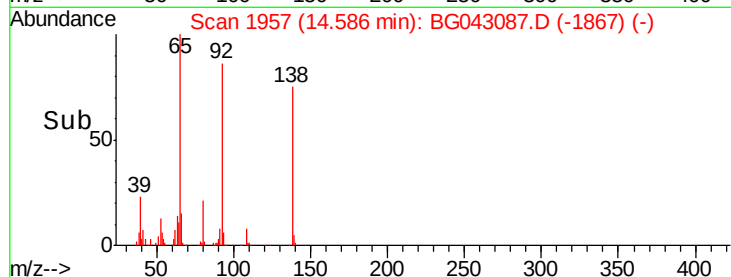
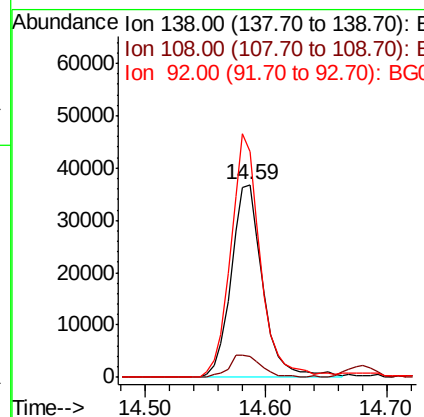
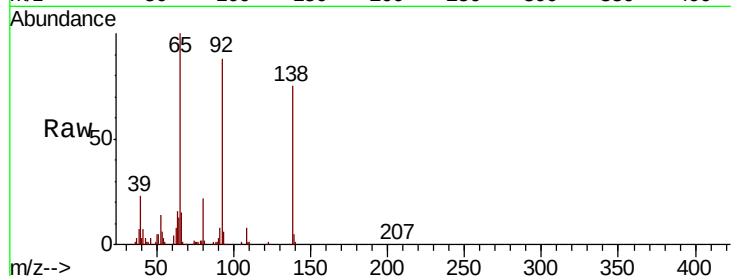
#53
 3-Nitroaniline
 Concen: 27.550 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.9	11.9
92	117.4	97.0	145.6

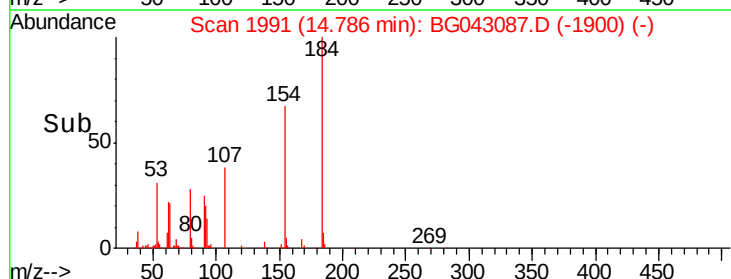
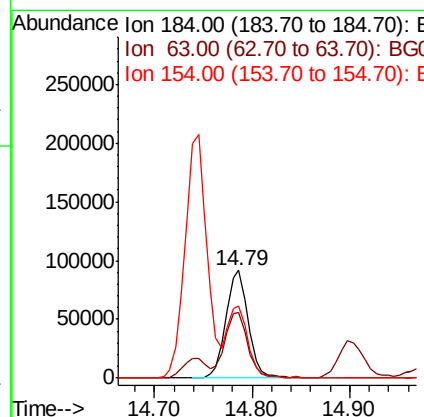
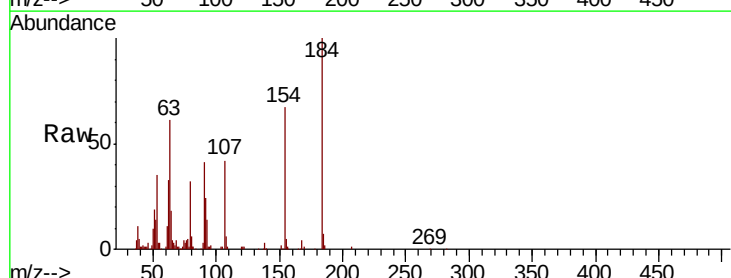
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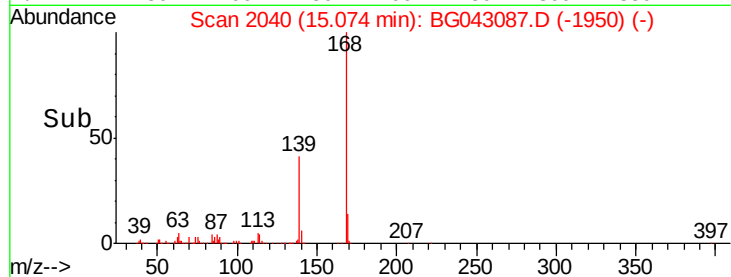
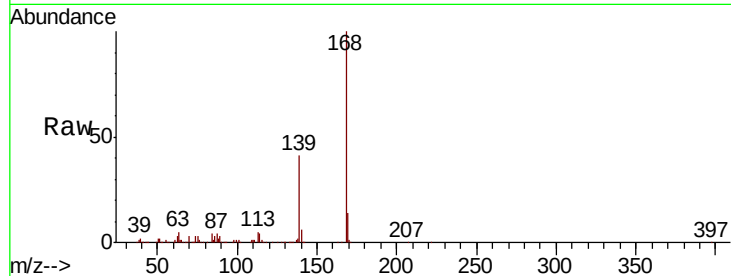
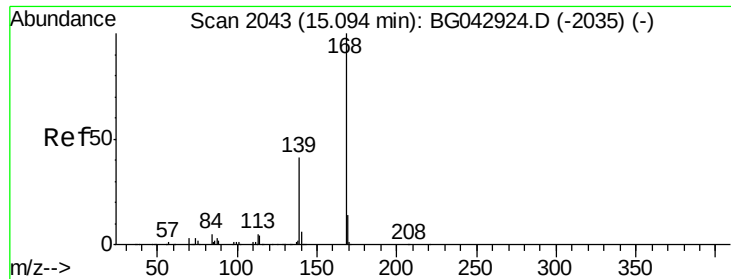
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#54
 2,4-Dinitrophenol
 Concen: 101.294 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	55.0	82.6
154	67.3	56.5	84.7





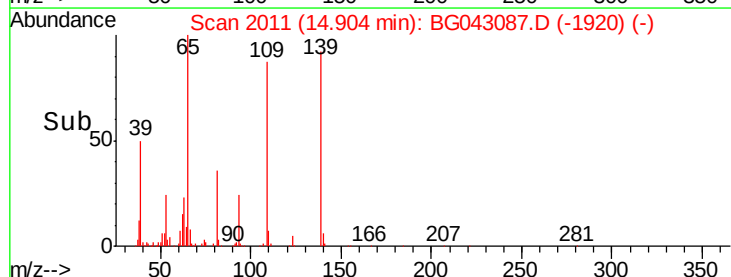
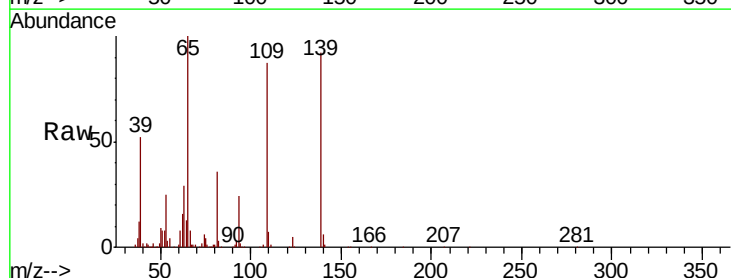
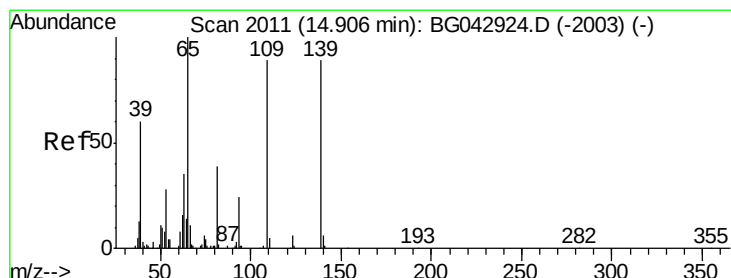
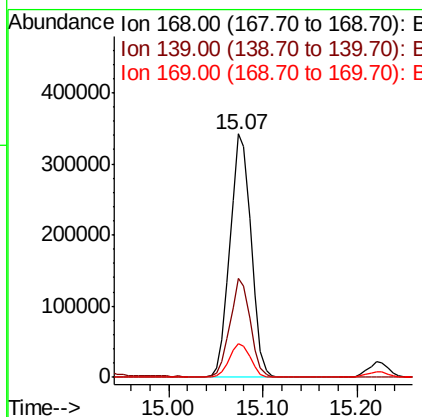
#55
Dibenzofuran
Concen: 42.196 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tot Ion	Ratio	Resp	Lower	Upper
168	100	532824		
139	40.6		32.6	48.8
169	14.0		11.2	16.8

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

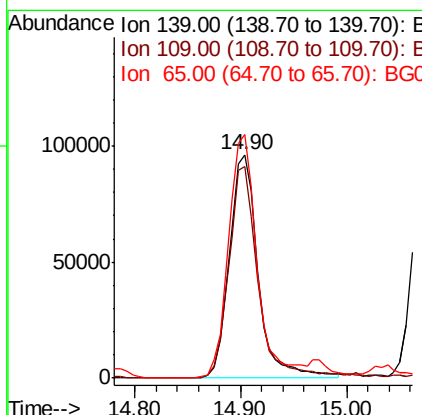
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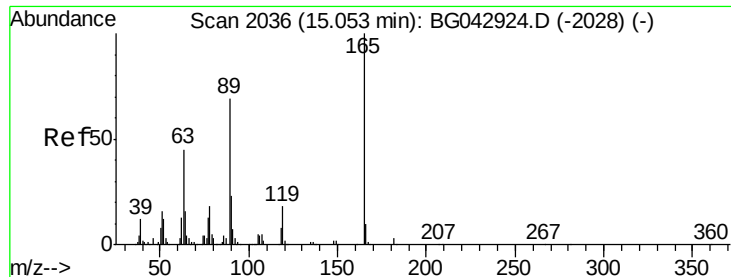
mohammad
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#56
4-Nitrophenol
Concen: 98.109 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	180689		
109	94.9		79.4	119.4
65	109.0		92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 46.210 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

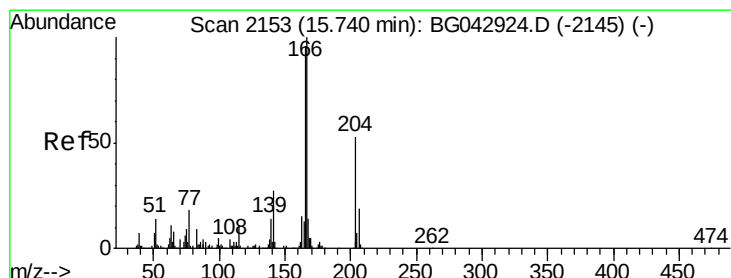
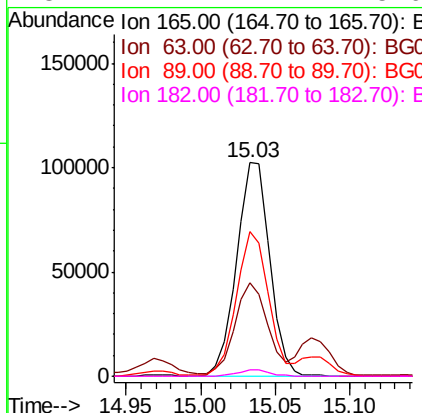
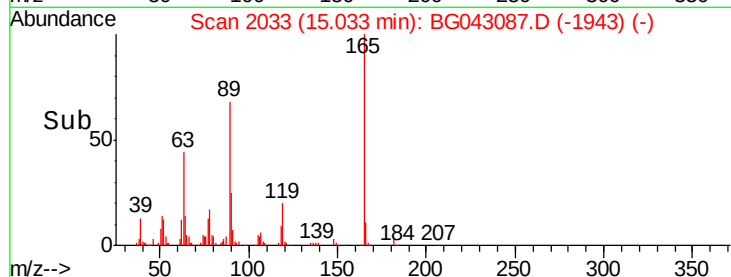
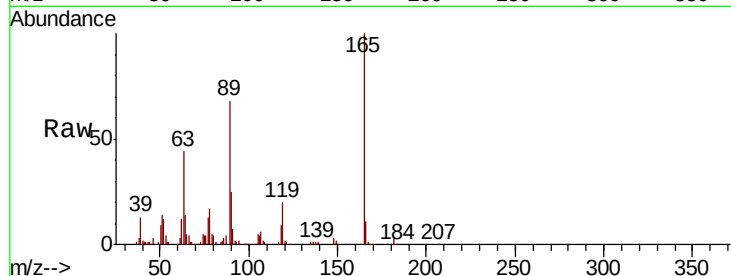
ClientSampleId :

HR-05-100219MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	158275		
63	43.6		36.5	54.7
89	67.8		55.5	83.3
182	2.7		2.4	3.6

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#58

Fluorene

Concen: 42.745 ng

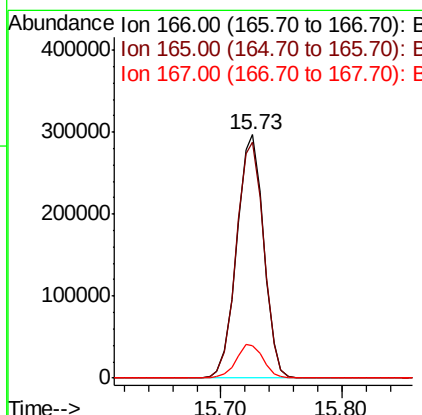
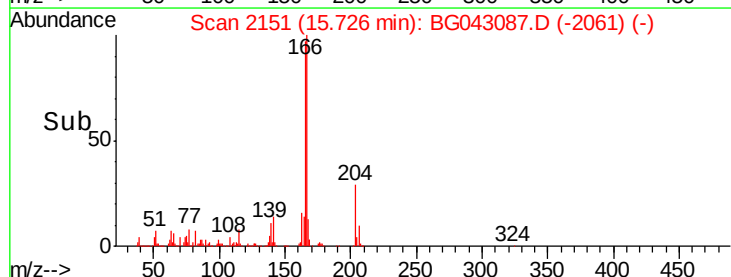
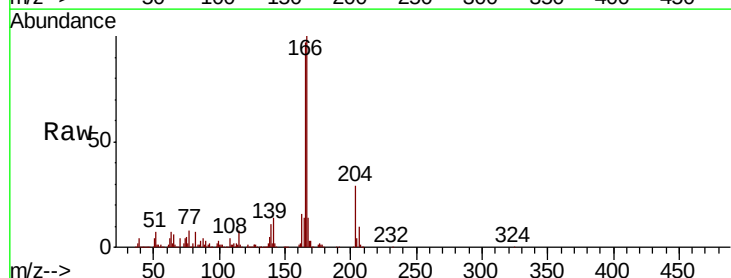
RT: 15.73 min Scan# 2151

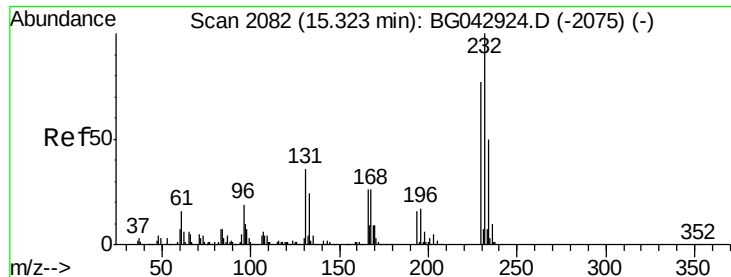
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	460822		
165	96.9		77.1	115.7
167	13.5		11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.469 ng

RT: 15.30 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

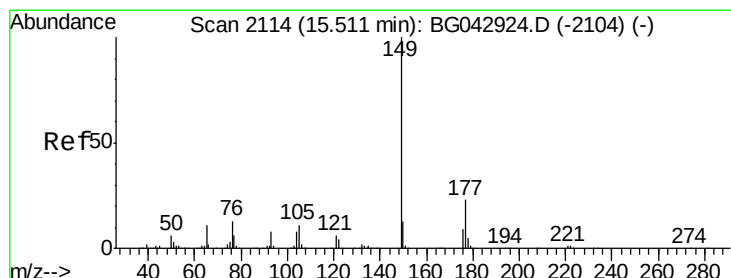
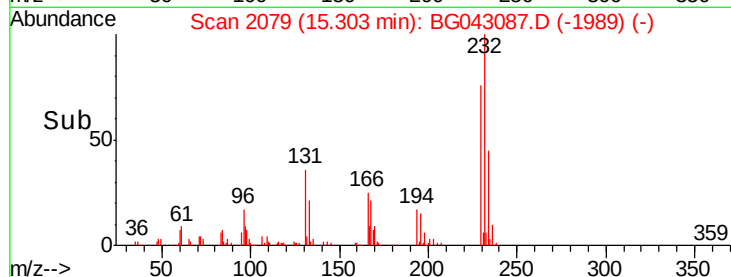
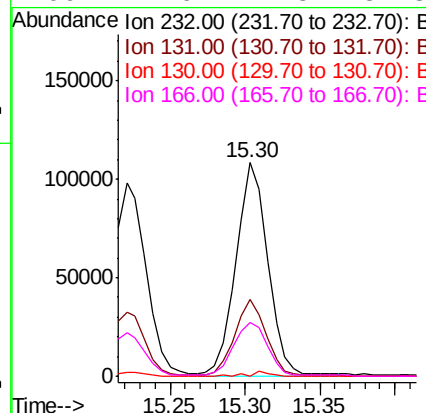
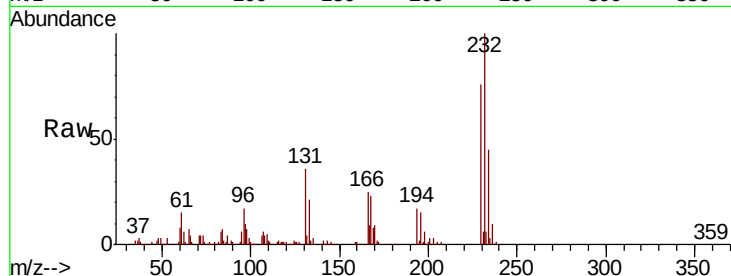
ClientSampleId :

HR-05-100219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		160884		
131	32.9	29.6	44.4		
130	2.2	1.9	2.9		
166	21.6	21.8	32.8#		

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#60

Diethylphthalate

Concen: 43.348 ng

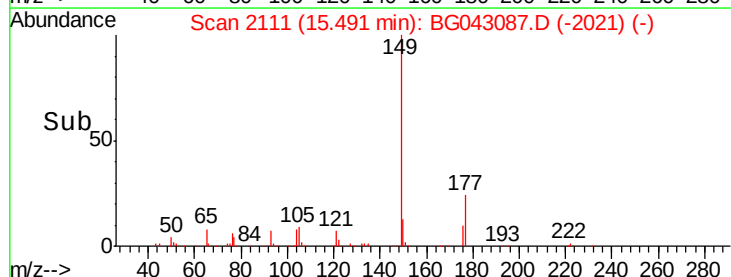
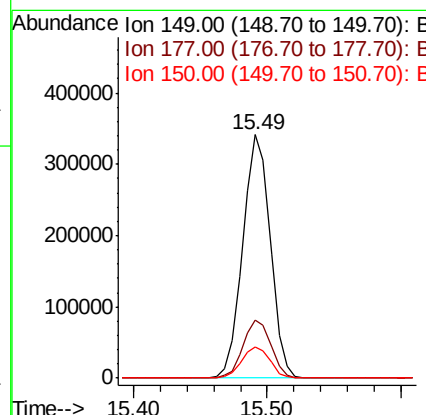
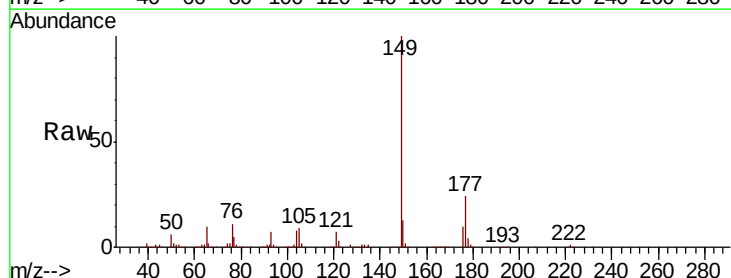
RT: 15.49 min Scan# 2111

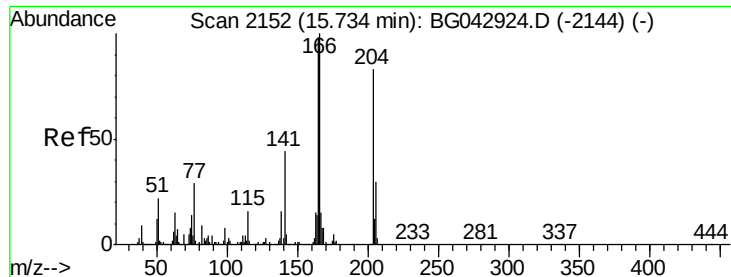
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		484521		
177	23.9	18.8	28.2		
150	13.0	10.6	15.8		





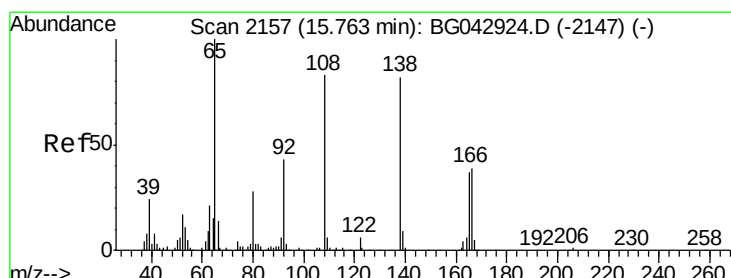
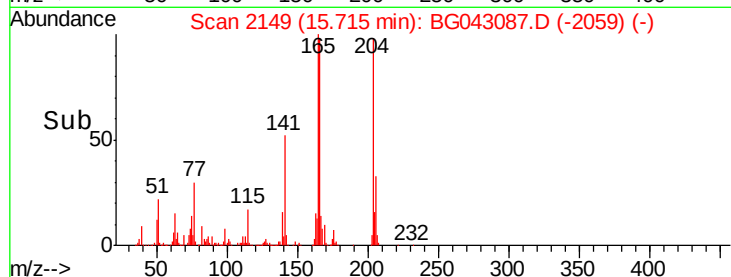
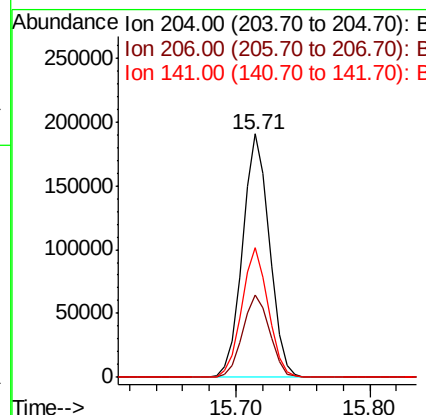
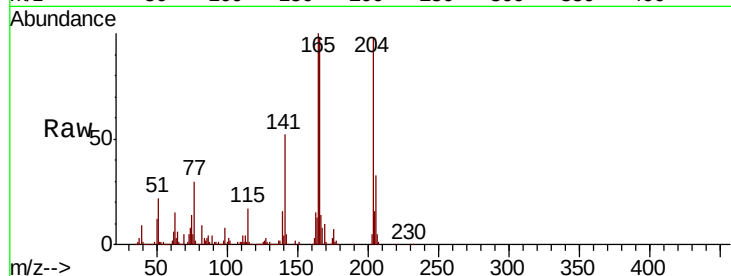
#61
4-Chlorophenyl-phenylether
Concen: 40.867 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	28.5	42.7
141	53.5	42.4	63.6

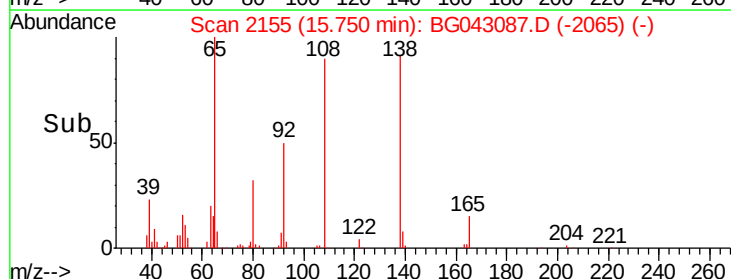
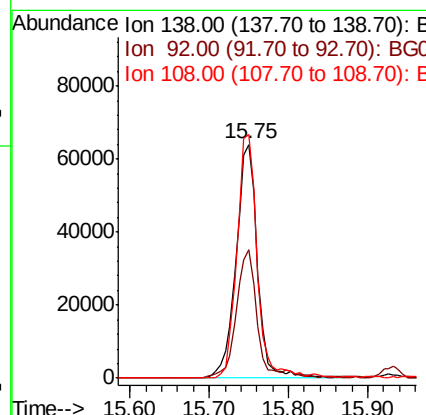
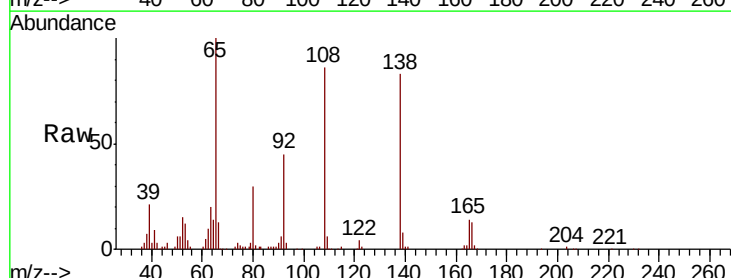
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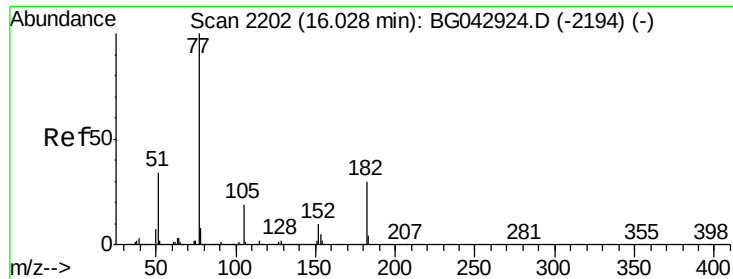
mohammad
10/11/2019 8:29:48 AM



#62
4-Nitroaniline
Concen: 45.514 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	32.9	72.9
108	104.1	81.3	121.3





#63

Azobenzene

Concen: 40.773 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

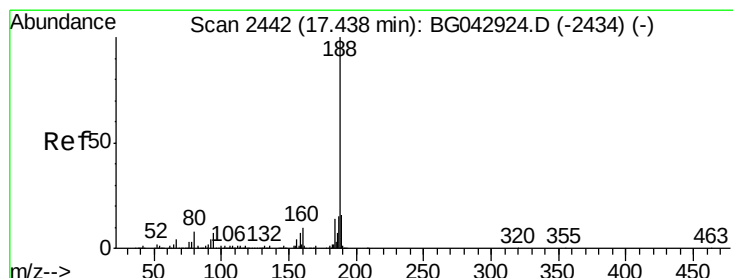
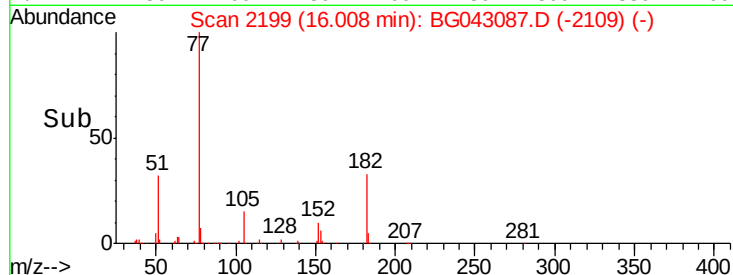
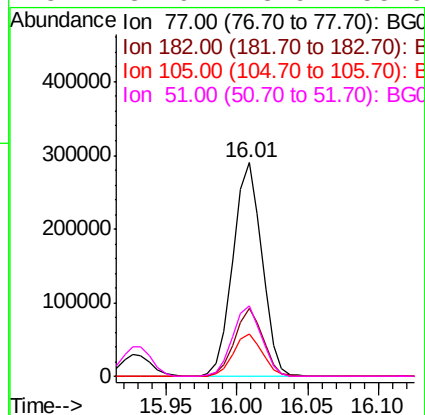
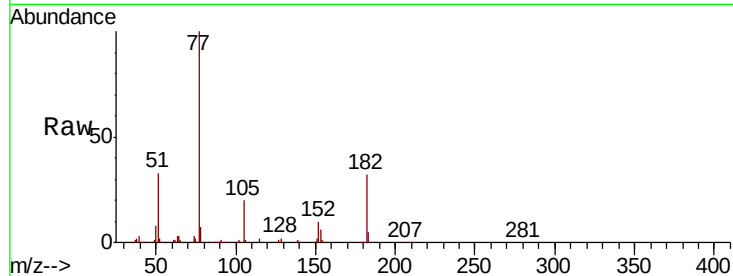
ClientSampleId :

HR-05-100219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		414925		
182	31.8	10.2	50.2		
105	20.1	0.0	39.1		
51	32.9	13.9	53.9		

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#64

Phenanthrene-d10

Concen: 20.000 ng

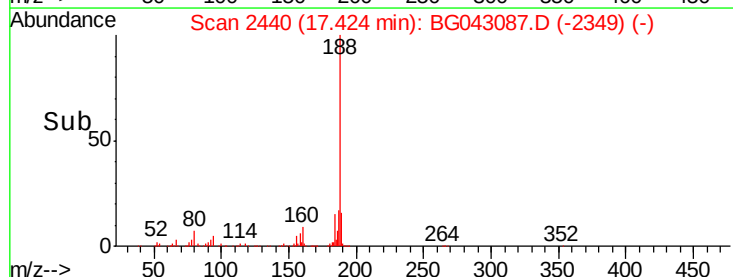
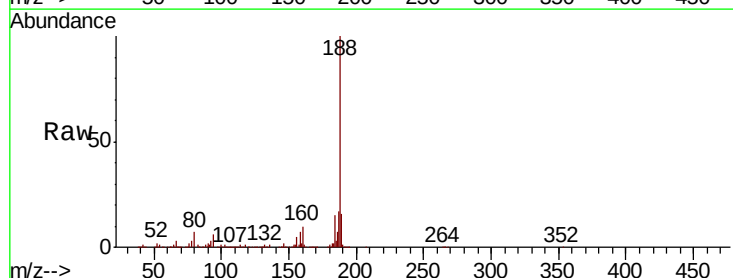
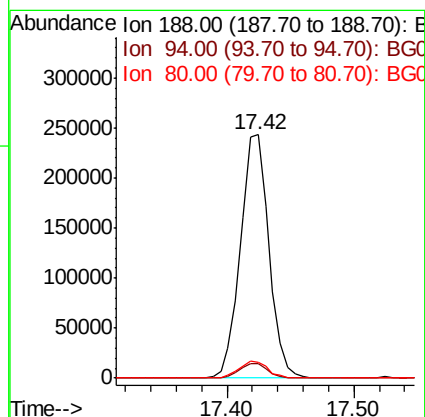
RT: 17.42 min Scan# 2440

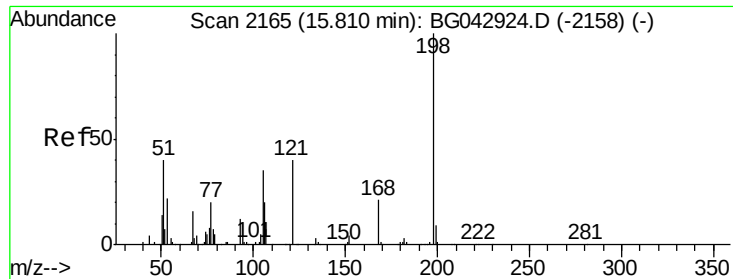
Delta R.T. 0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		378214		
94	5.8	5.7	8.5		
80	6.7	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.917 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

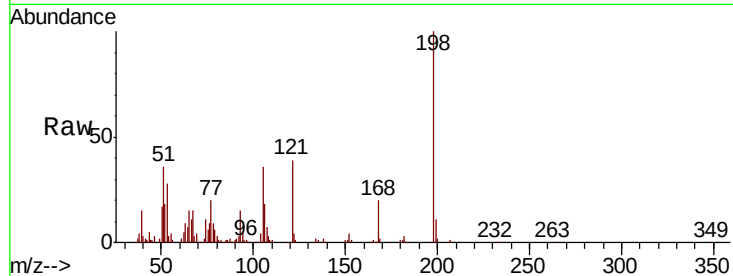
ClientSampleId :

HR-05-100219MS

Tot Ion:	198	Resp:	104691
Ion Ratio	Lower	Upper	
198	100		
51	36.2	25.3	65.3
105	36.0	16.6	56.6

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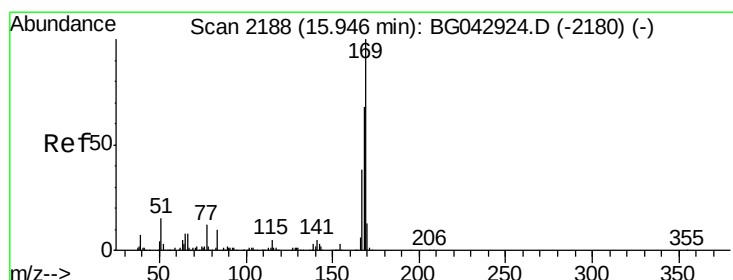
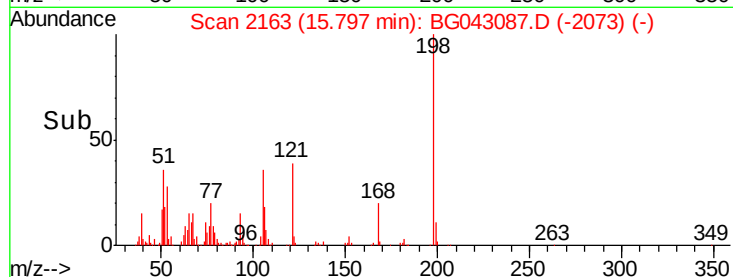
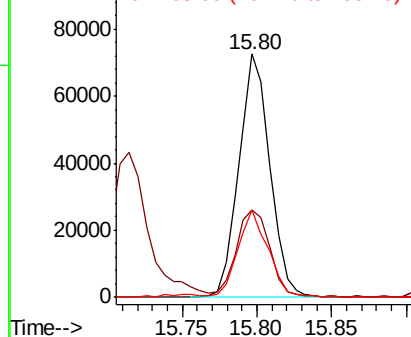


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.384 ng

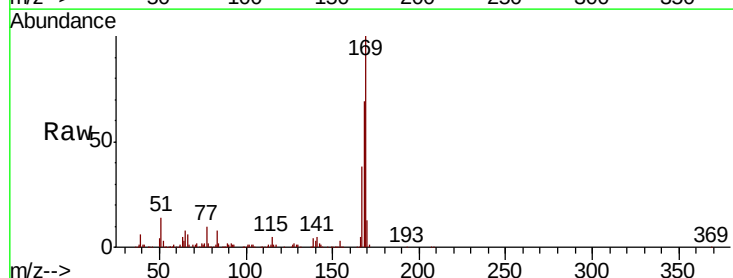
RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	169	Resp:	423171
Ion Ratio	Lower	Upper	
169	100		
168	68.9	54.8	82.2
167	38.4	30.6	46.0

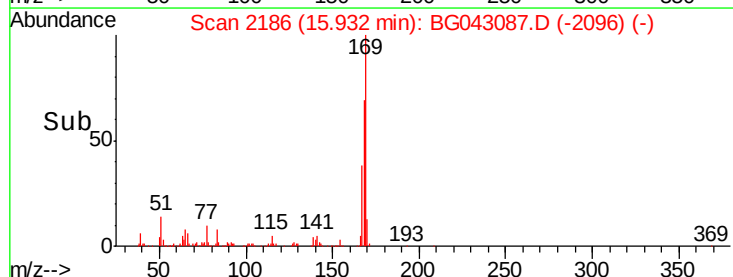
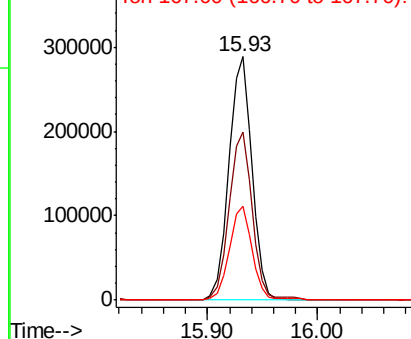


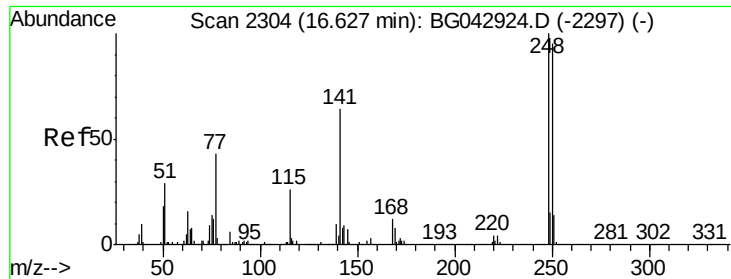
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





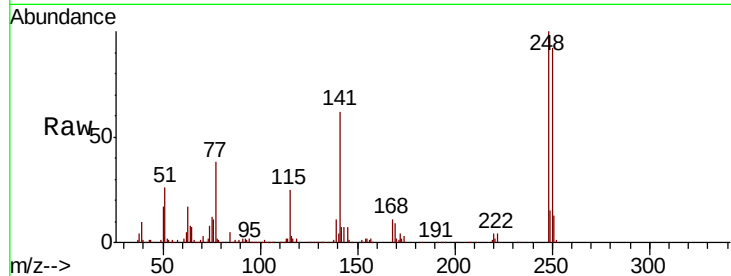
#67
4-Bromophenyl-phenylether
Concen: 40.346 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.6	75.8	113.8
141	61.6	51.1	76.7

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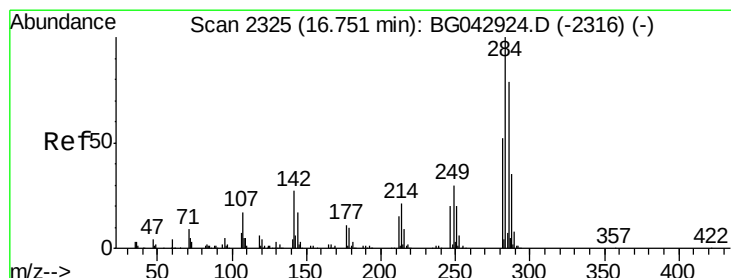
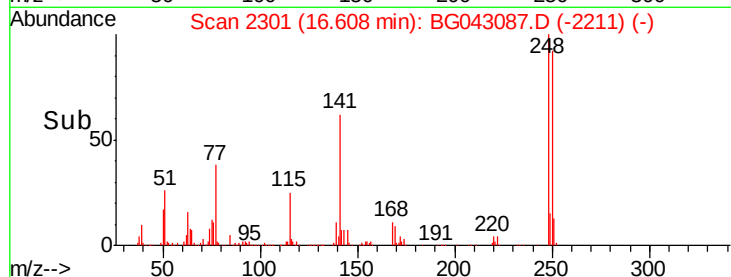
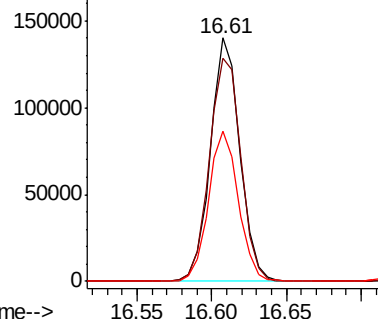


Abundance

Ion 248.00 (247.70 to 248.70): E

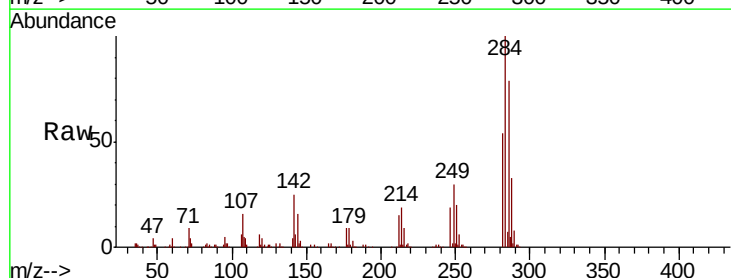
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.070 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	21.6	32.4
249	30.0	24.1	36.1

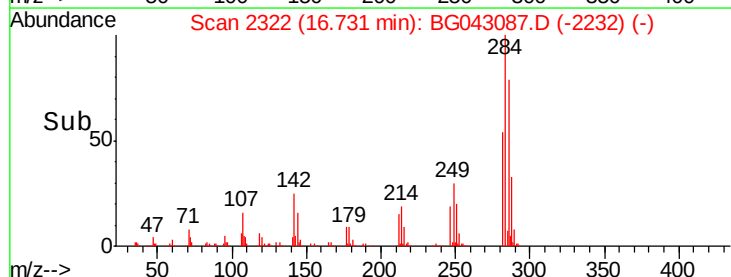
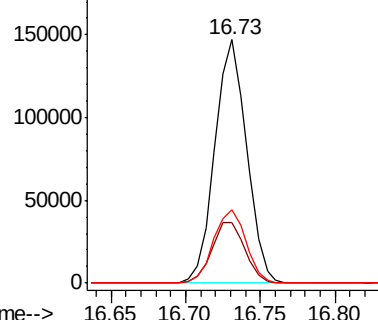


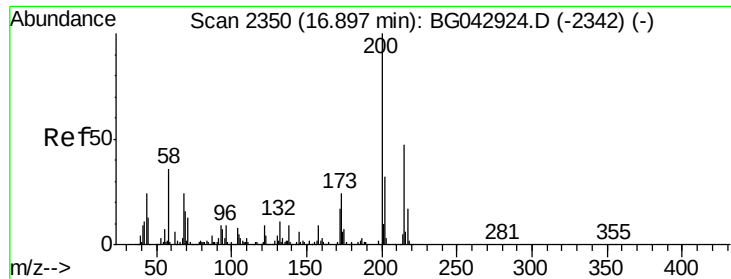
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





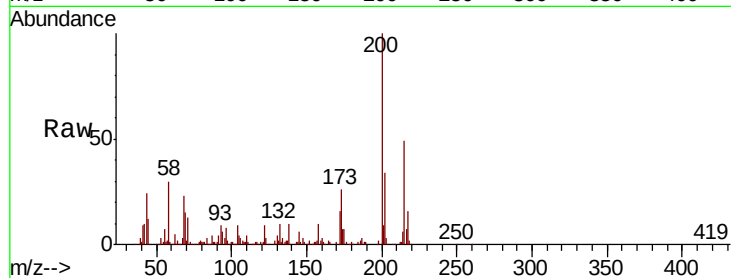
#69
Atrazine
Concen: 40.604 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	4.0	44.0
215	48.7	27.4	67.4

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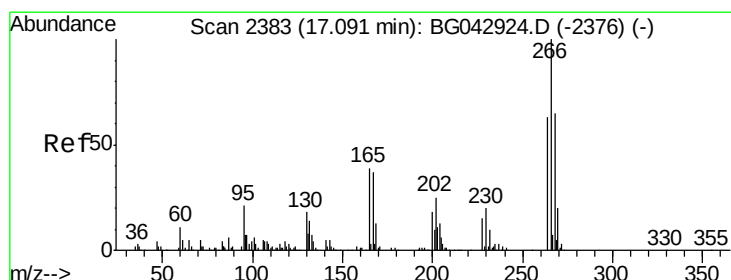
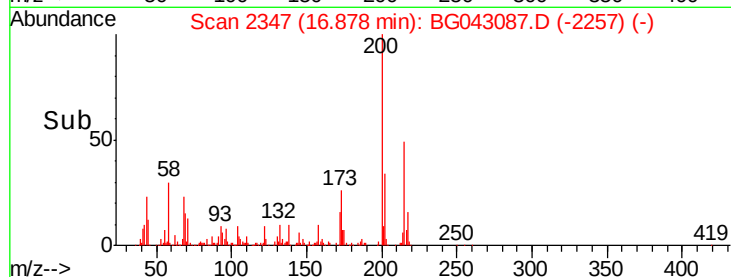
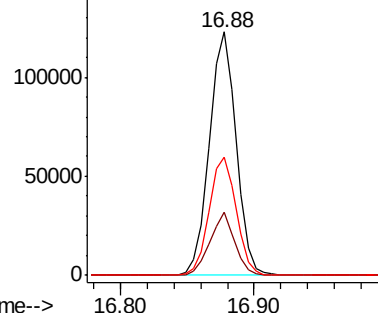


Abundance

Ion 200.00 (199.70 to 200.70): E

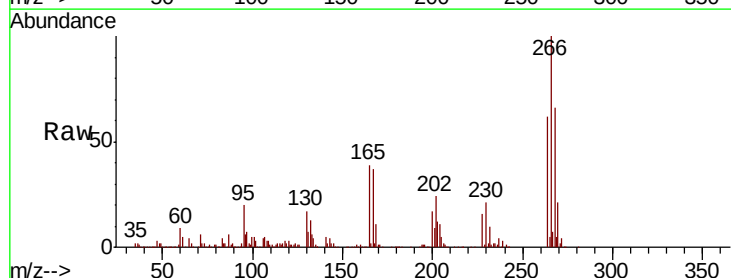
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 94.056 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.2	78.2
264	62.4	50.7	76.1

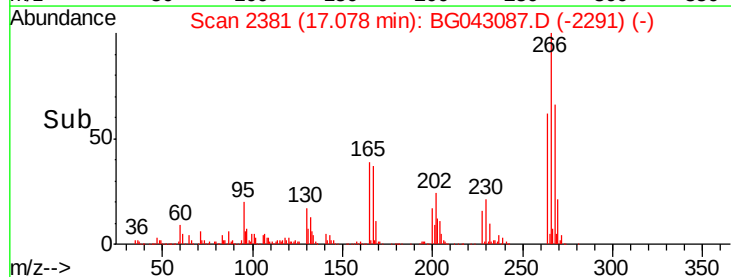
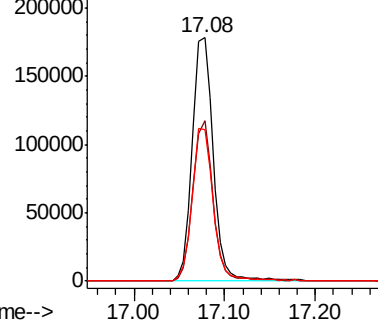


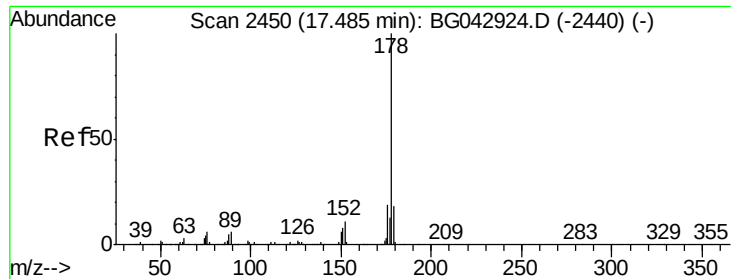
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





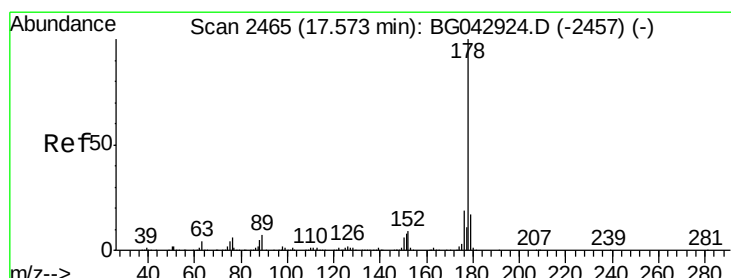
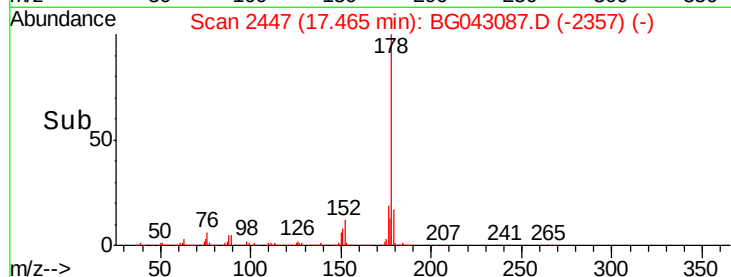
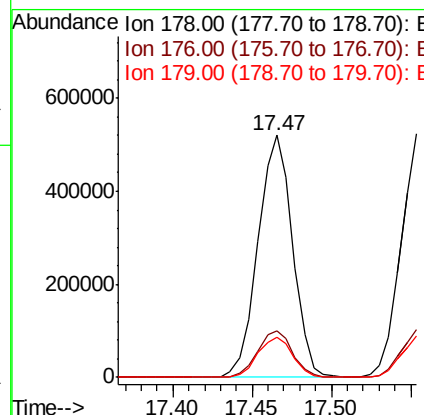
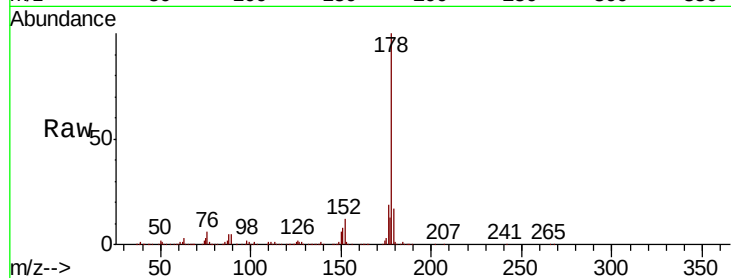
#71
Phenanthrene
Concen: 42.658 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.8	14.1	21.1

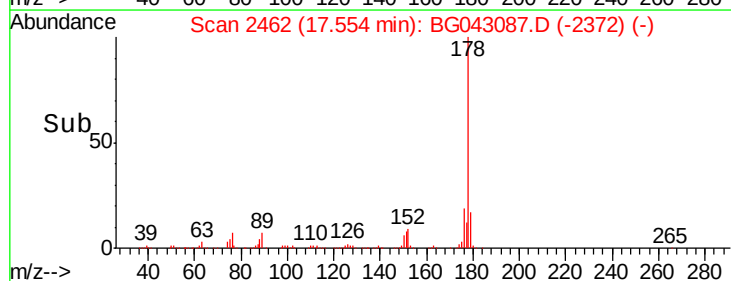
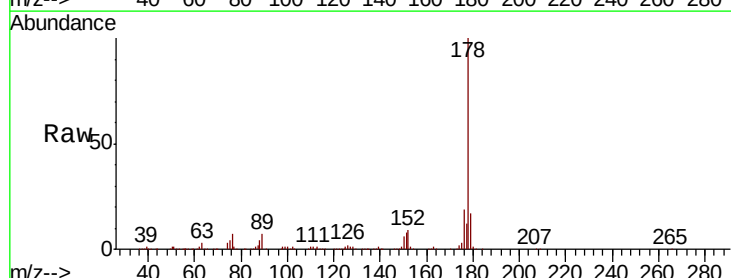
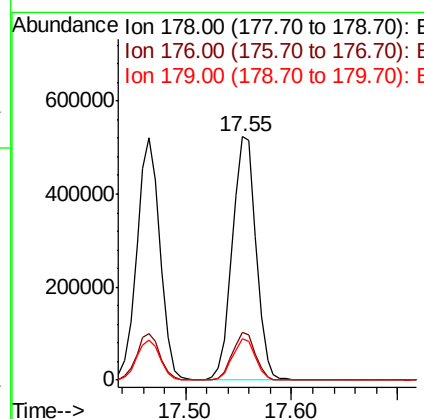
Manual Integrations
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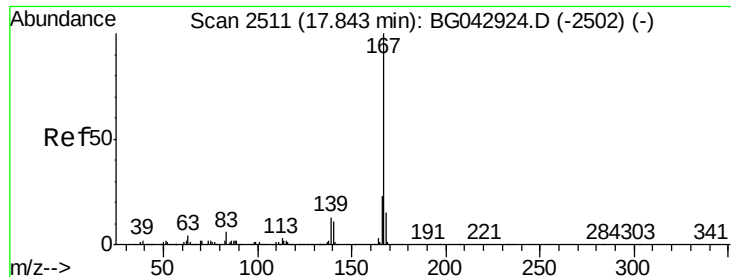
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#72
Anthracene
Concen: 43.738 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	17.1	13.5	20.3





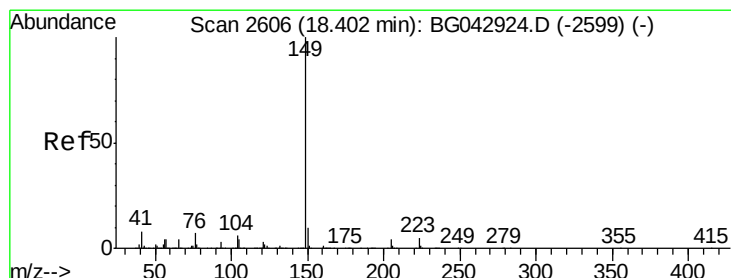
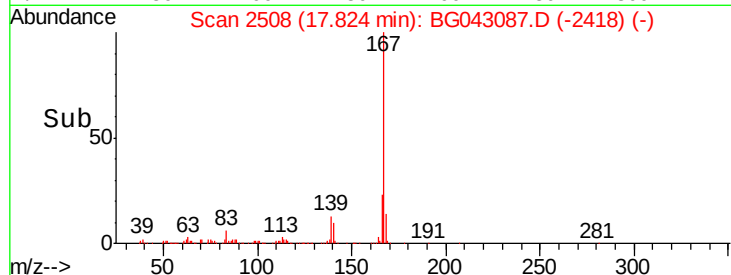
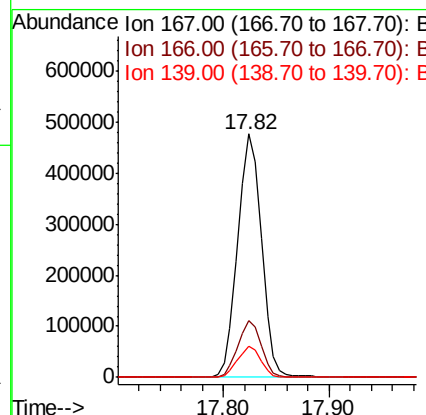
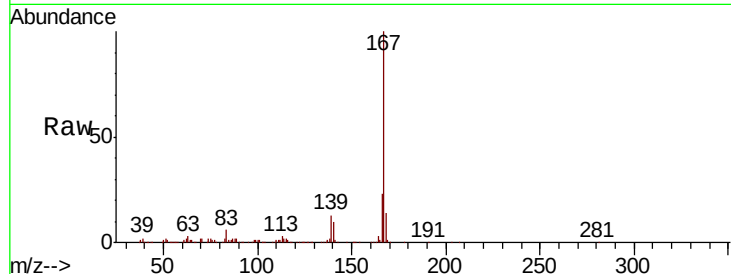
#73
 Carbazole
 Concen: 43.574 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.6	28.0
139	12.8	10.8	16.2

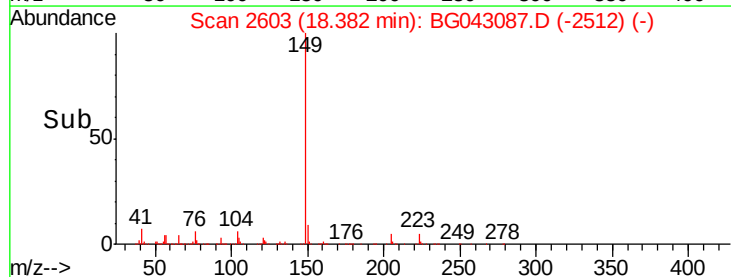
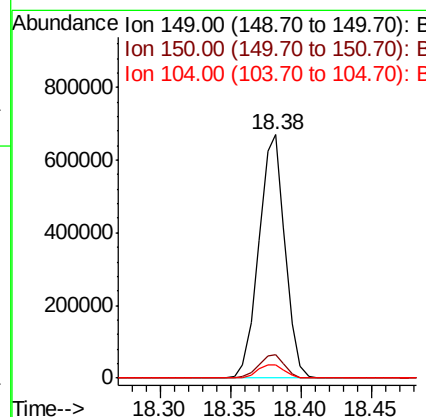
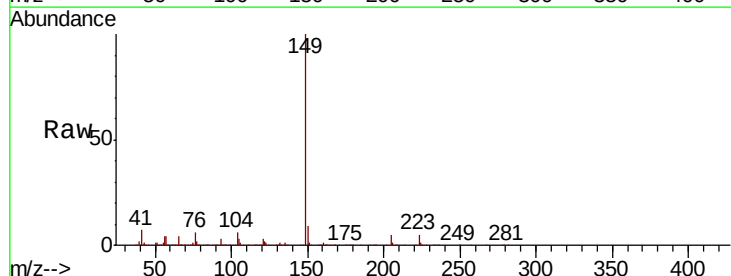
Manual Integrations
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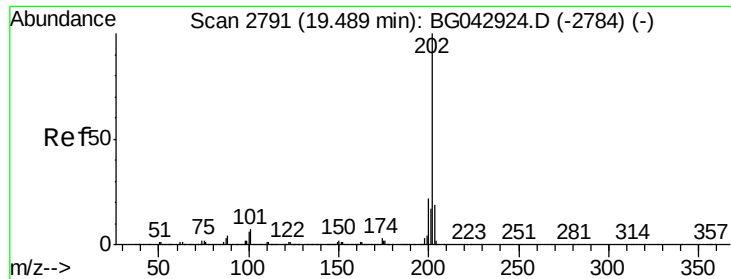
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.786 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.01 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.7	5.0	7.6





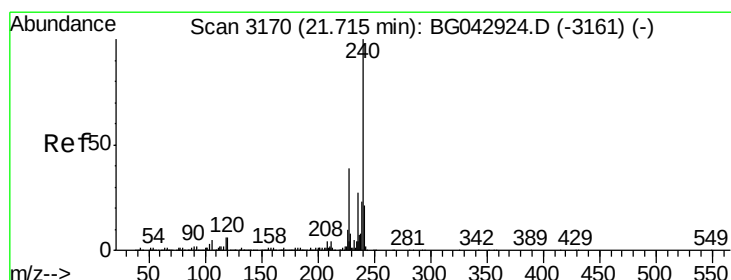
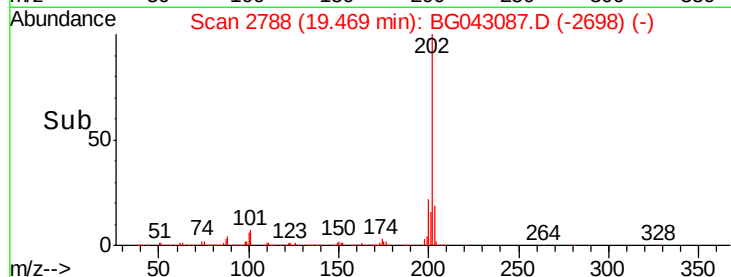
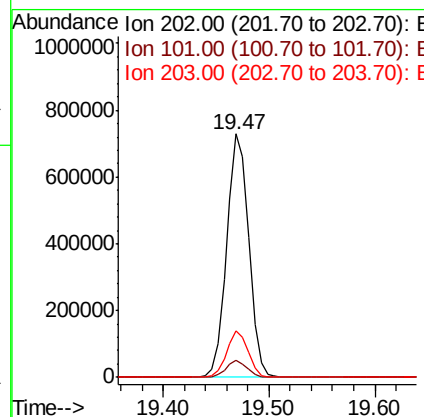
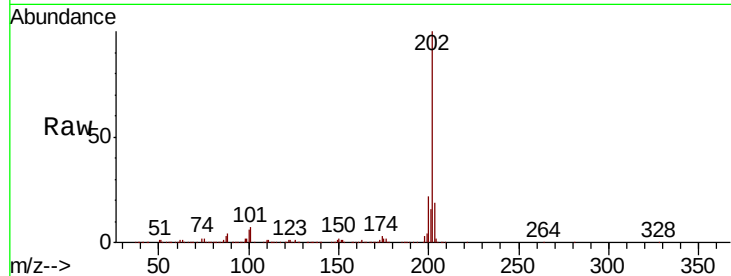
#75
Fluoranthene
Concen: 43.140 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.3
203	19.2	0.0	39.5

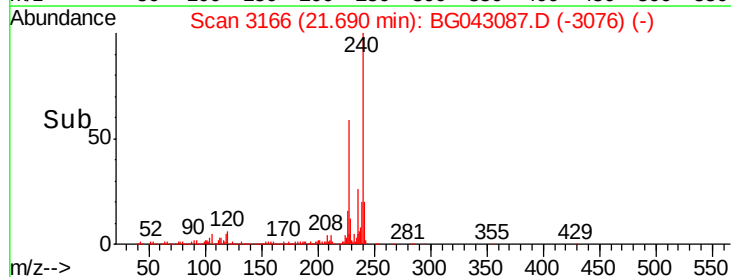
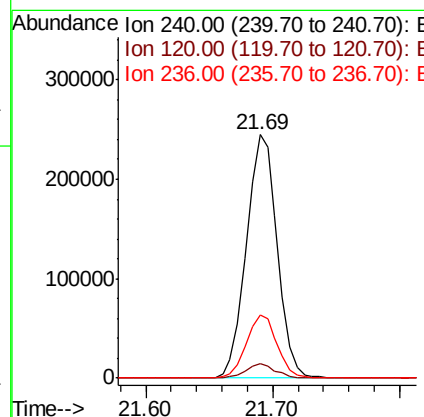
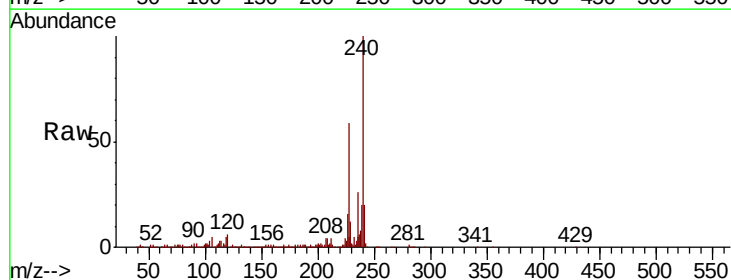
Manual Integrations
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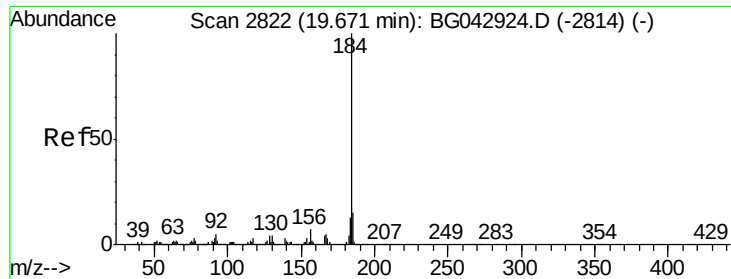
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

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





#77

Benzidine

Concen: 2.077 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

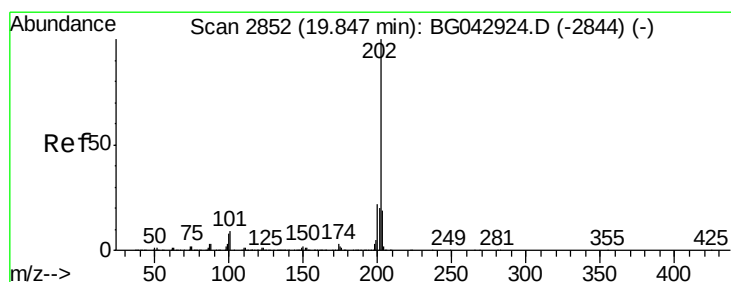
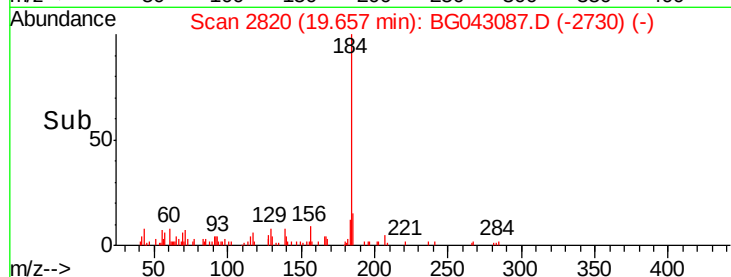
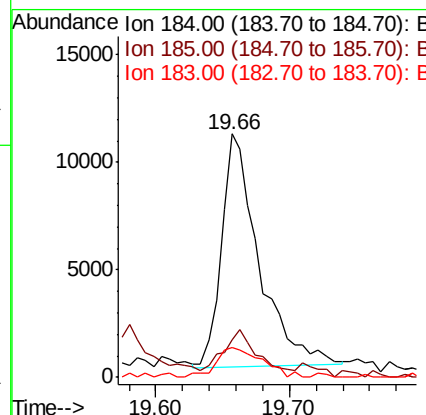
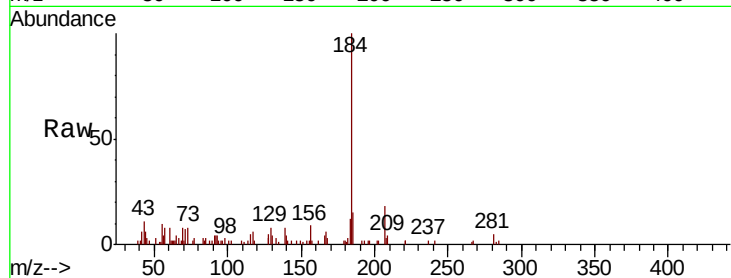
ClientSampleId :

HR-05-100219MS

Tot Ion:	184	Resp:	21410
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	12.4	10.1	15.1

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#78

Pyrene

Concen: 43.049 ng

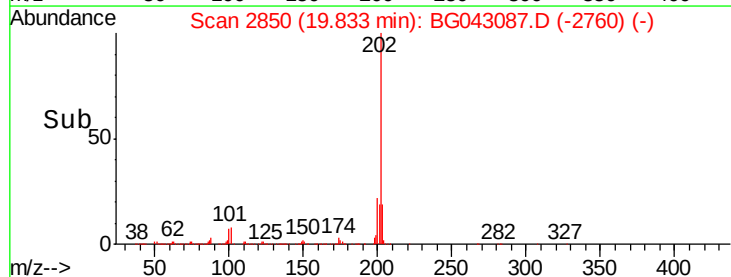
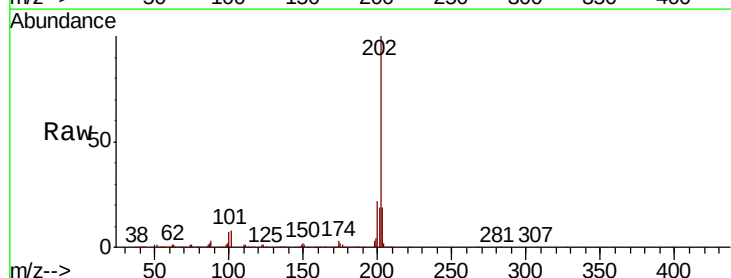
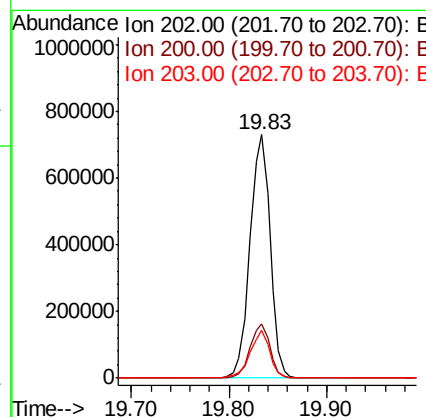
RT: 19.83 min Scan# 2850

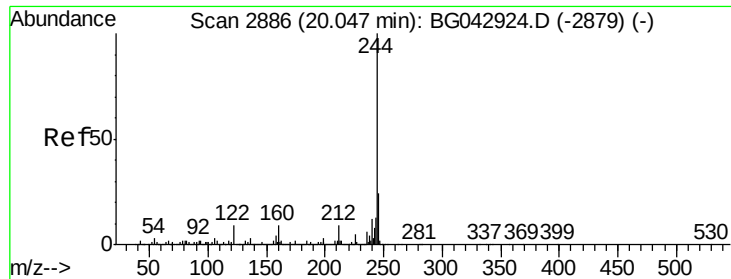
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	202	Resp:	1057712
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 90.542 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MS

Tot Ion:244 Resp: 1749129

Ion Ratio Lower Upper

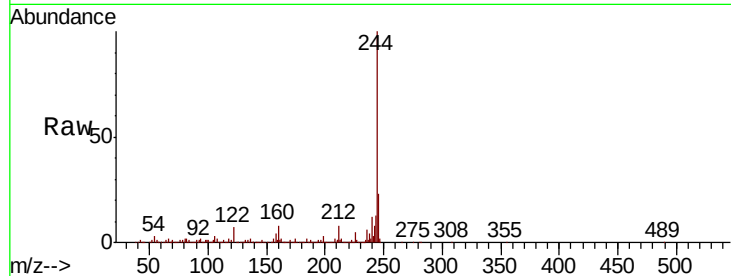
244 100

212 7.8 7.4 11.0

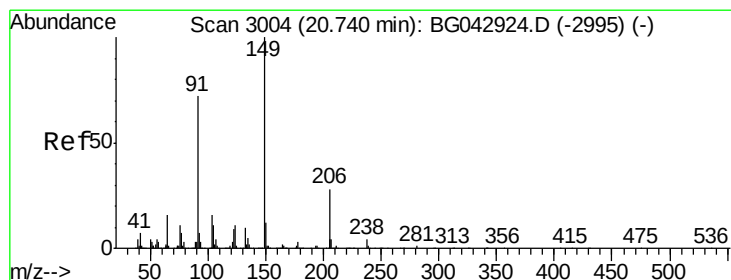
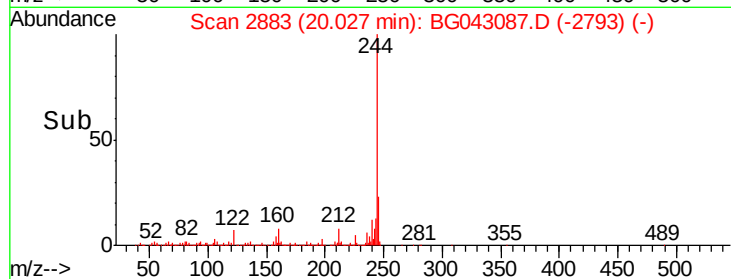
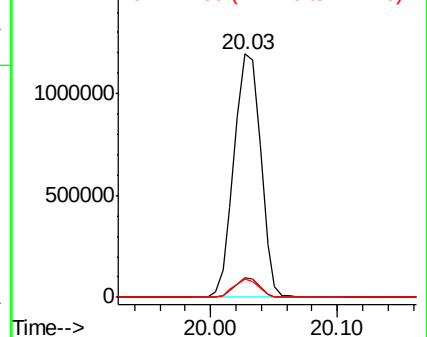
122 7.4 7.0 10.4

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



#80

Butylbenzylphthalate

Concen: 43.035 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

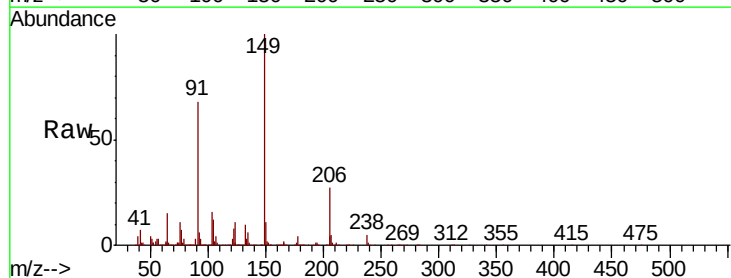
Tgt Ion:149 Resp: 401352

Ion Ratio Lower Upper

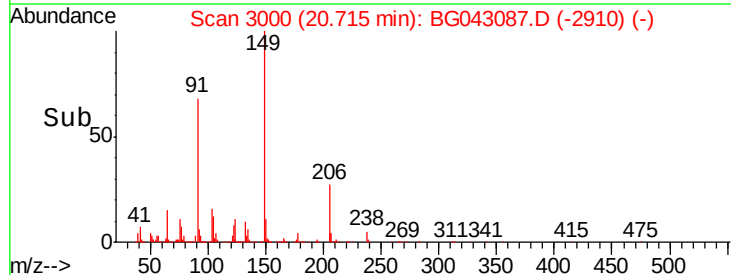
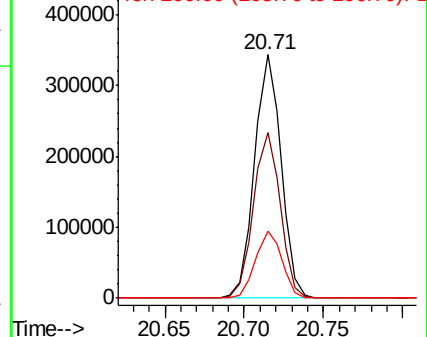
149 100

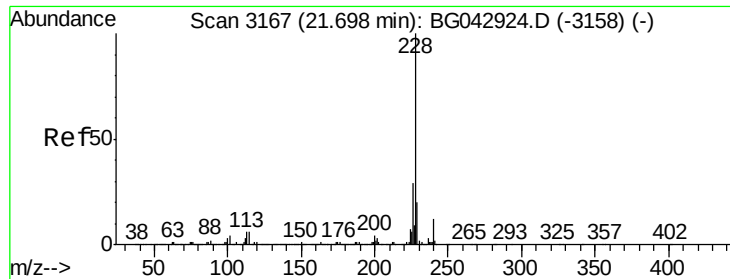
91 68.1 57.7 86.5

206 27.5 22.6 33.8



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





#81

Benzo(a)anthracene

Concen: 42.097 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MS

Tot Ion:228 Resp: 1079770

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.4
229	21.6	16.3	24.5

228 100

226 27.8 23.0 34.4

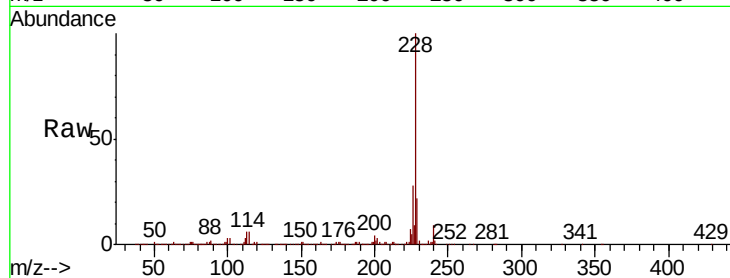
229 21.6 16.3 24.5

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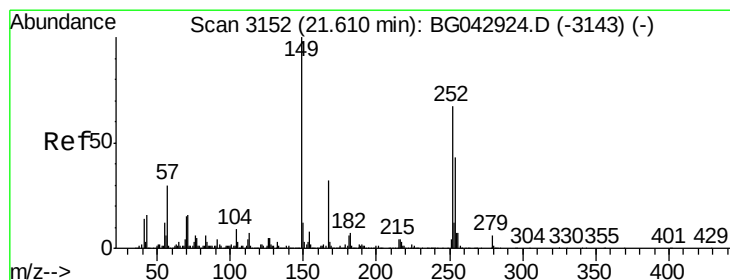
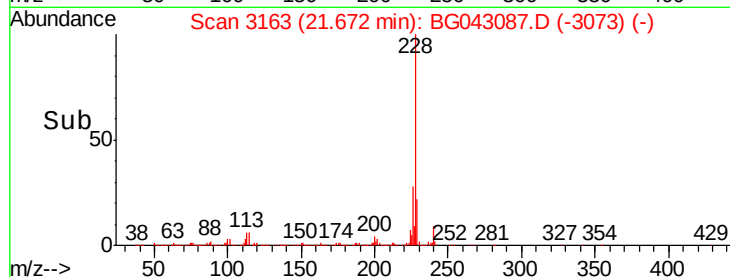
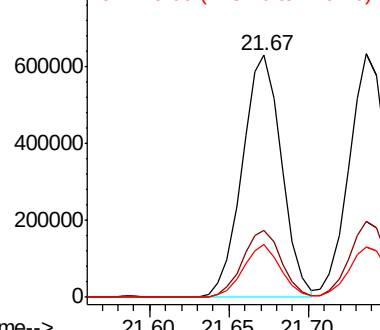


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.046 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

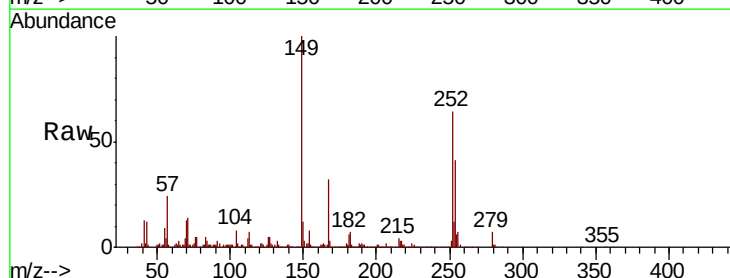
Tgt Ion:252 Resp: 312322

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	7.2	6.1	9.1

252 100

254 63.9 51.9 77.9

126 7.2 6.1 9.1

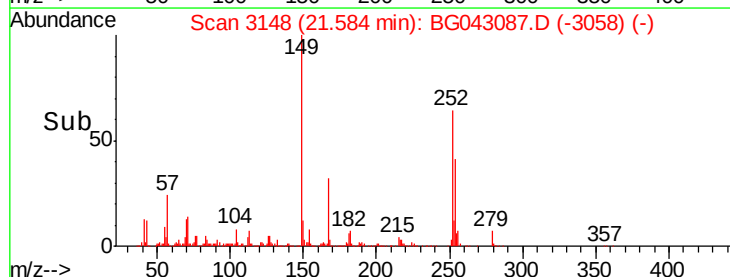
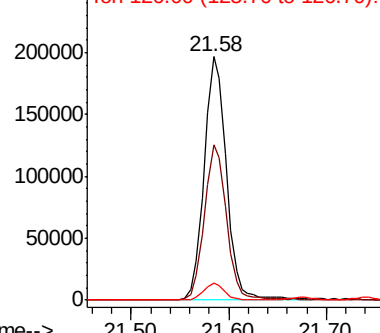


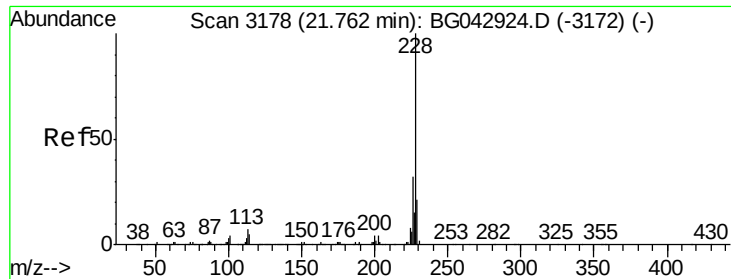
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





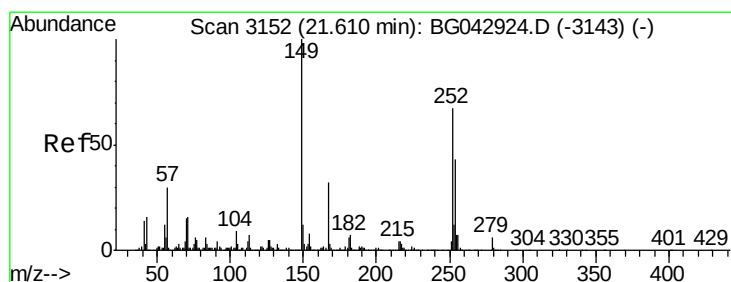
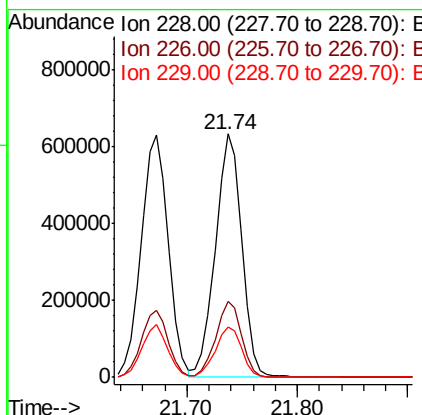
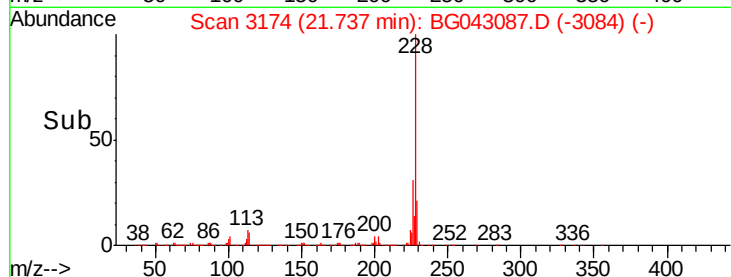
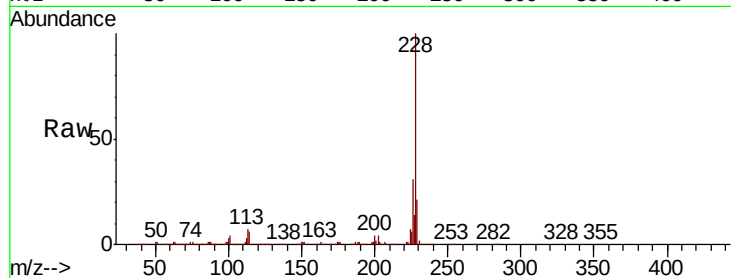
#83
 Chrysene
 Concen: 41.882 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.6	38.4
229	20.9	16.9	25.3

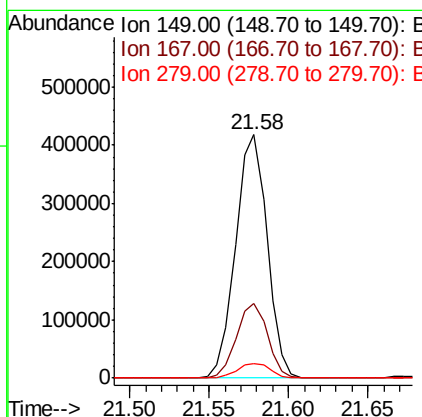
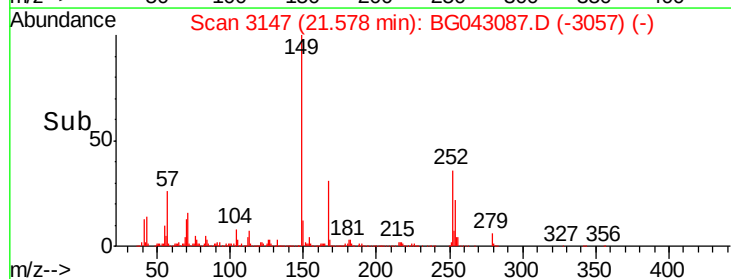
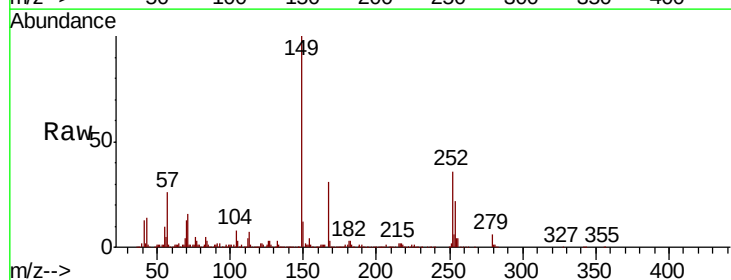
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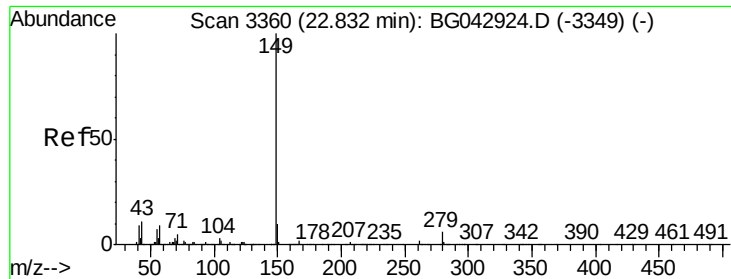
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.351 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG043087.D
 Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	6.0	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 44.155 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

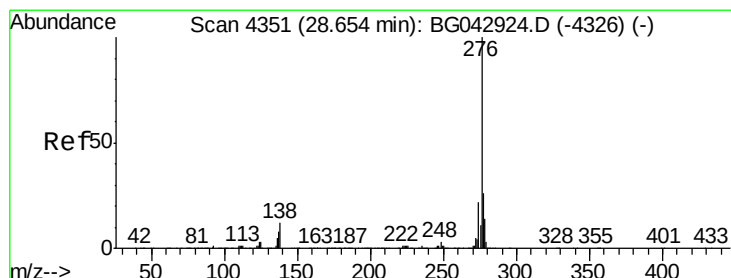
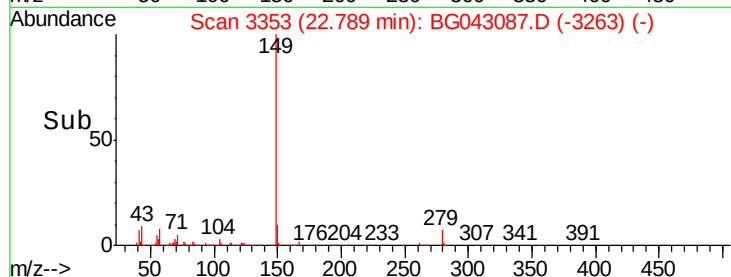
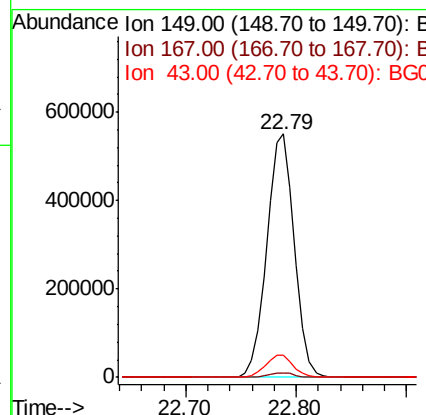
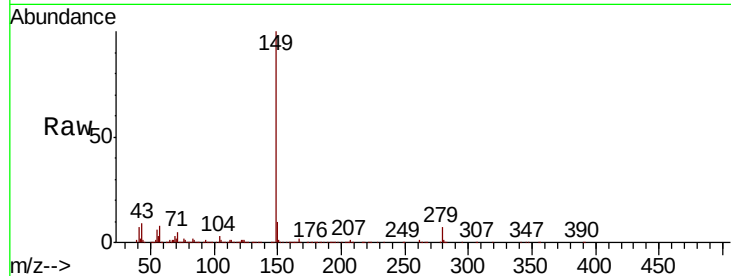
ClientSampleId :

HR-05-100219MS

Tot Ion:	149	Resp:	958177
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.1	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.073 ng

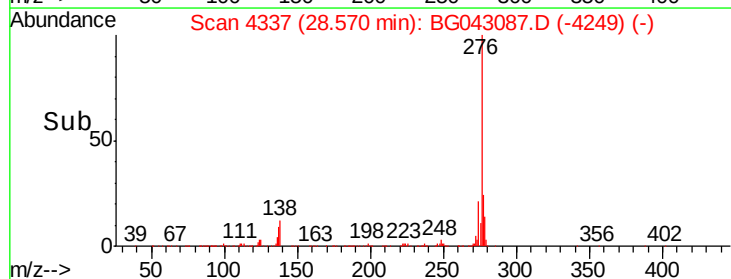
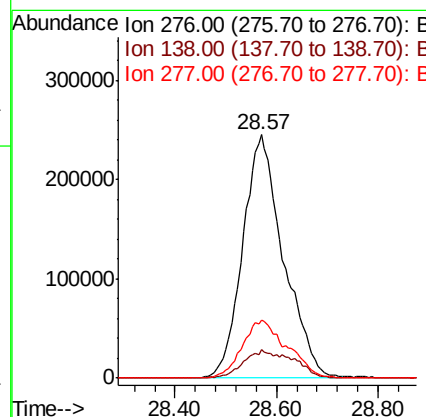
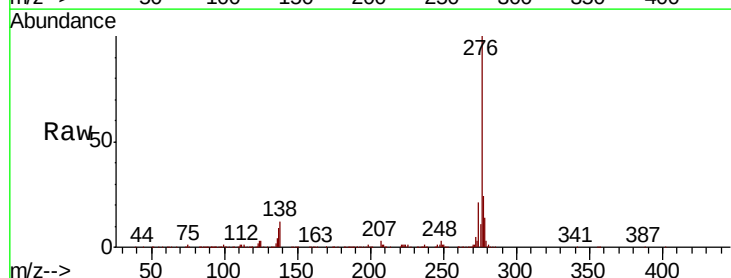
RT: 28.57 min Scan# 4337

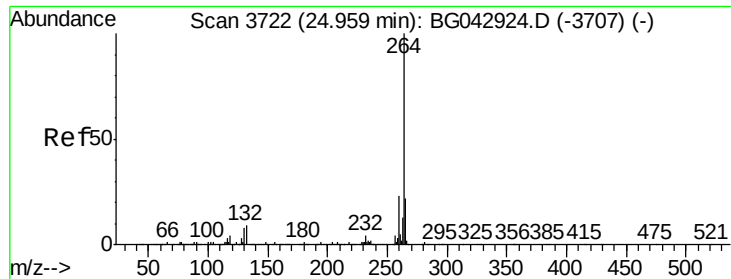
Delta R.T. -0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	276	Resp:	1365690
Ion Ratio		Lower	Upper
276	100		
138	14.2	7.0	10.6#
277	26.2	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

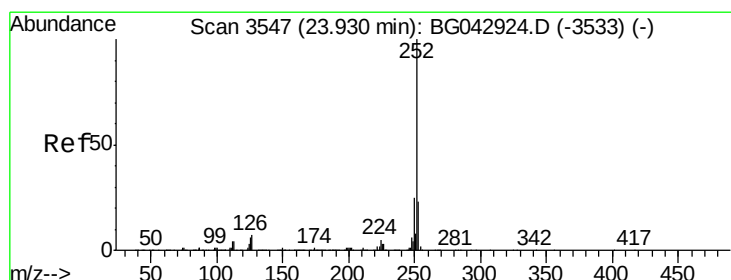
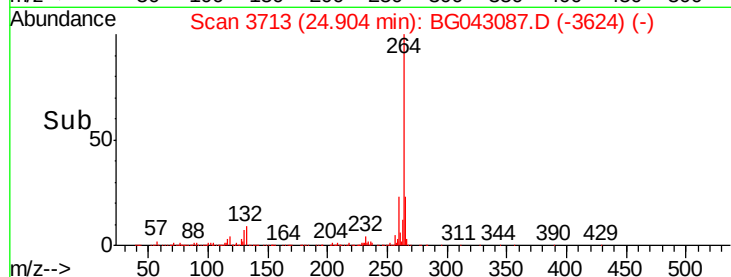
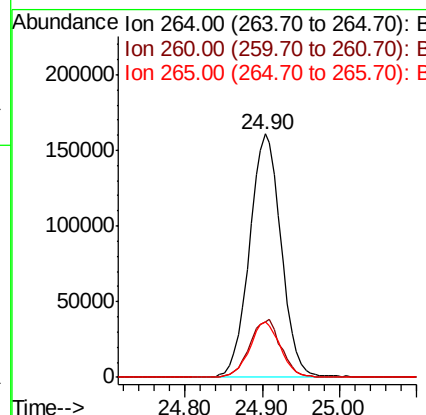
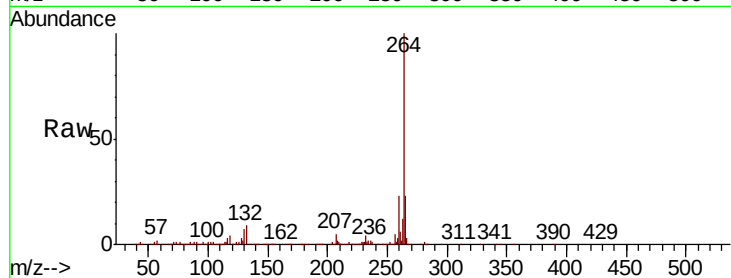
ClientSampleId :

HR-05-100219MS

Tot Ion:	264	Resp:	462663
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.7	28.1
265	22.7	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 43.281 ng

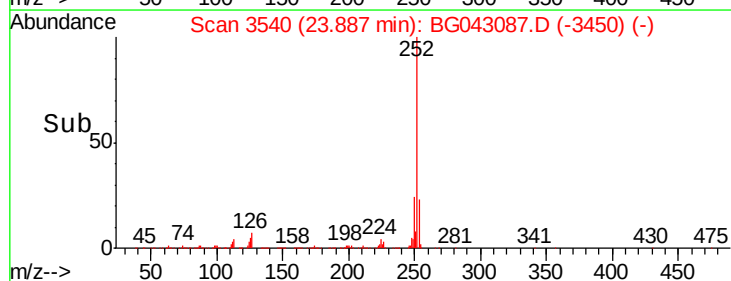
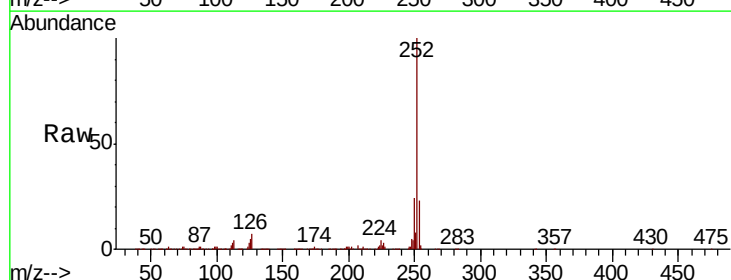
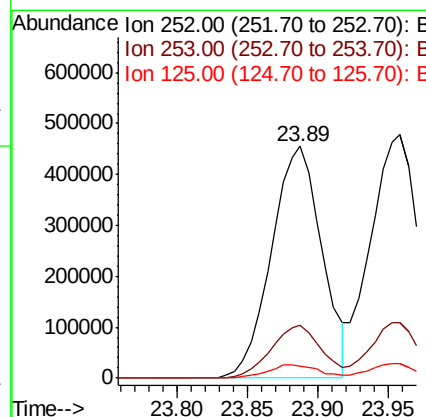
RT: 23.89 min Scan# 3540

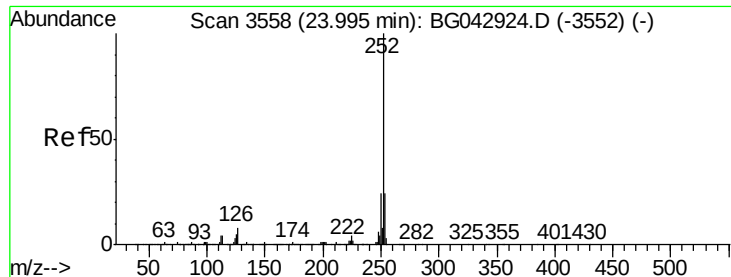
Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:	252	Resp:	1133036
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	5.3	4.6	7.0





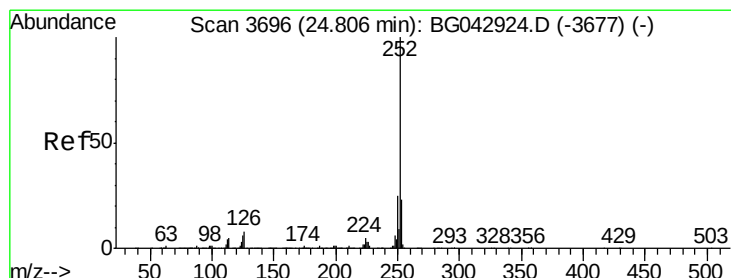
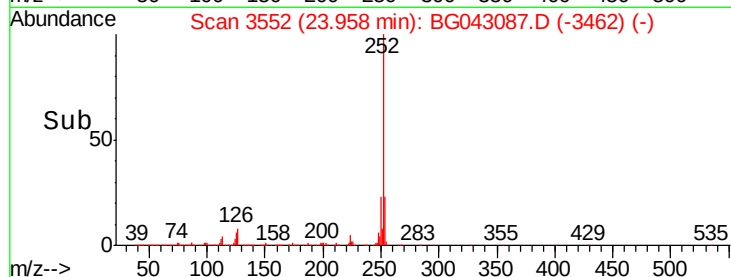
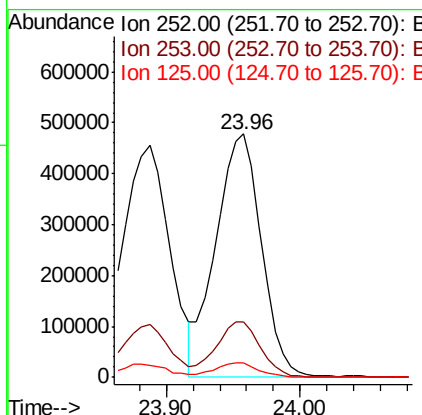
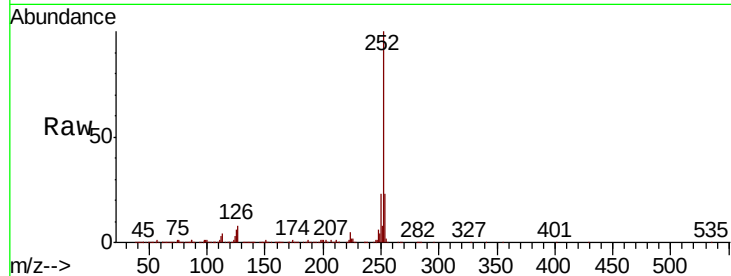
#89
Benzo(k)fluoranthene
Concen: 43.791 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Instrument :
BNA_G
ClientSampleId :
HR-05-100219MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	6.0	4.5	6.7

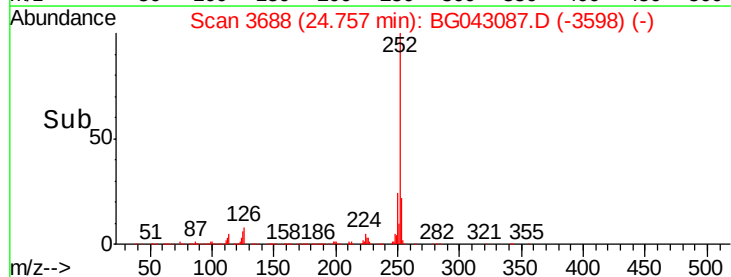
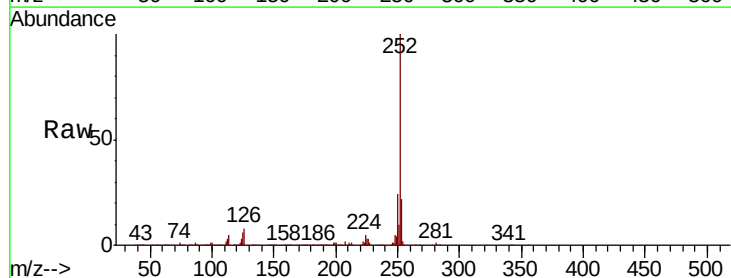
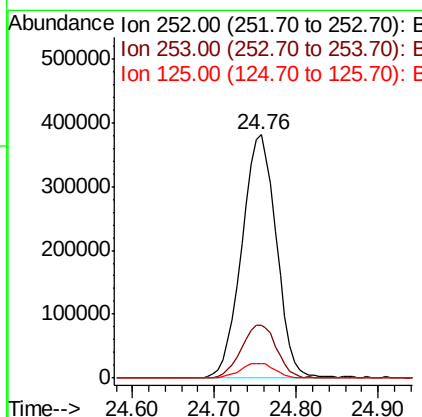
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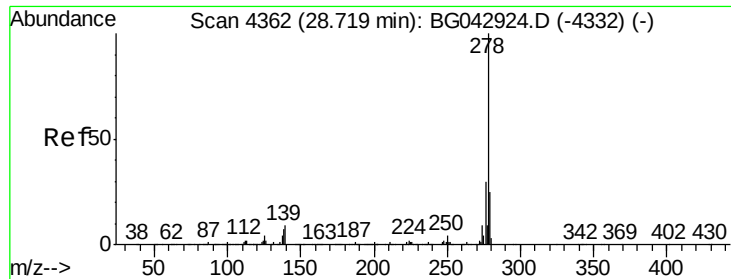
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#90
Benzo(a)pyrene
Concen: 45.323 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG043087.D
Acq: 8 Oct 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	5.8	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.604 ng

RT: 28.63 min Scan# 4348

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Instrument :

BNA_G

ClientSampleId :

HR-05-100219MS

Tot Ion:278 Resp: 1154999

Ion Ratio Lower Upper

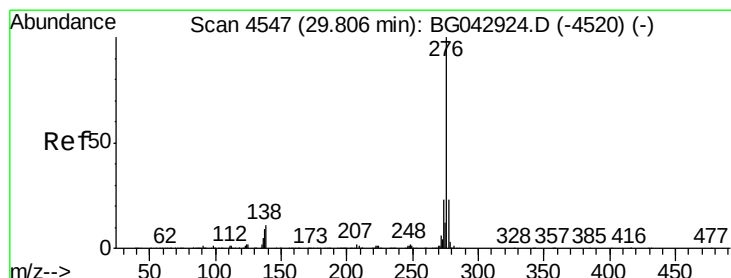
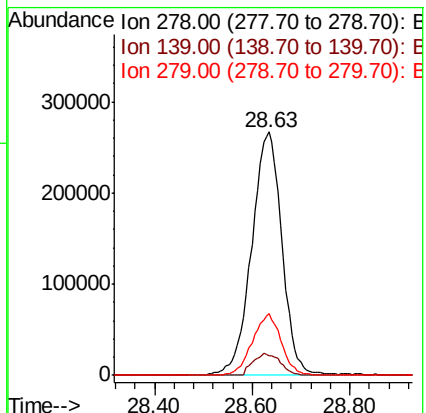
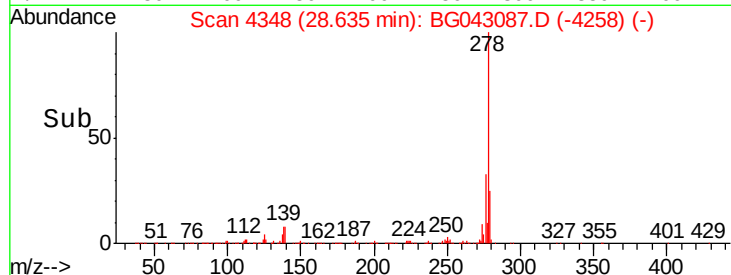
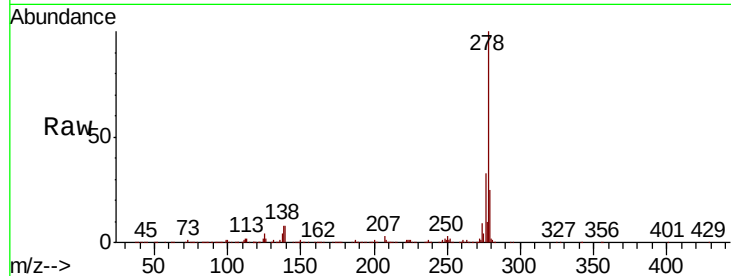
278 100

139 8.3 6.8 10.2

279 25.2 20.1 30.1

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#92

Benzo(g,h,i)perylene

Concen: 46.236 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.00 min

Lab File: BG043087.D

Acq: 8 Oct 2019 16:05

Tgt Ion:276 Resp: 1134603

Ion Ratio Lower Upper

276 100

277 25.0 18.4 27.6

138 11.3 8.6 12.8

