

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043608.D
 Acq On : 12 Nov 2019 8:02
 Operator : JU
 Sample : K5762-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Manual Integrations
 APPROVED

mohammad
 11/12/2019 5:04:20 PM

Quant Time: Nov 12 10:26:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42173	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	166985	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	124966	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	298094	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	229449	20.00	ng	0.00
87) Perylene-d12	24.83	264	270930	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	145006	63.01	ng	0.01
7) Phenol-d6	7.21	99	144805	43.73	ng	0.01
23) Nitrobenzene-d5	9.17	82	245737	75.87	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	184527	77.59	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	665146	73.55	ng	0.00
79) Terphenyl-d14	19.99	244	1066869	87.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	16553	18.457	ng	# 86
3) Pyridine	3.86	79	38623	17.072	ng	96
4) n-Nitrosodimethylamine	3.78	42	31602	27.682	ng	80
6) Aniline	7.34	93	21144	5.543	ng	# 97
8) 2-Chlorophenol	7.58	128	115297	45.383	ng	96
9) Benzaldehyde	7.14	77	65154	40.038	ng	94
10) Phenol	7.24	94	95530	31.572	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	89619	38.309	ng	96
12) 1,3-Dichlorobenzene	7.89	146	106471	33.449	ng	98
13) 1,4-Dichlorobenzene	8.04	146	112239	34.851	ng	97
14) 1,2-Dichlorobenzene	8.36	146	108878	34.625	ng	96
15) Benzyl Alcohol	8.25	79	94480	40.628	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	121054	35.587	ng	97
17) 2-Methylphenol	8.48	107	92831	42.085	ng	97
18) Hexachloroethane	9.08	117	38949	33.521	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	83700	39.118	ng	94
20) 3+4-Methylphenols	8.80	107	119514	39.512	ng	# 85
22) Acetophenone	8.83	105	168499	39.403	ng	97
24) Nitrobenzene	9.21	77	162150	52.552	ng	# 97
25) Isophorone	9.73	82	235110	39.703	ng	99
26) 2-Nitrophenol	9.92	139	70660	47.435	ng	# 94
27) 2,4-Dimethylphenol	10.00	122	97462	45.649	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	128452	39.302	ng	98
29) 2,4-Dichlorophenol	10.47	162	128644	47.026	ng	89
30) 1,2,4-Trichlorobenzene	10.67	180	126024	36.552	ng	99
31) Naphthalene	10.86	128	337441	39.811	ng	99
32) Benzoic acid	10.17	122	33741	25.844	ng	95
33) 4-Chloroaniline	10.98	127	15052	4.332	ng	94
34) Hexachlorobutadiene	11.14	225	89175	34.988	ng	92
35) Caprolactam	11.77	113	12207	12.957	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	139586	46.779	ng	97
37) 2-Methylnaphthalene	12.46	142	267244	41.092	ng	97
38) 1-Methylnaphthalene	12.68	142	250821	40.534	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	171590	37.102	ng	99

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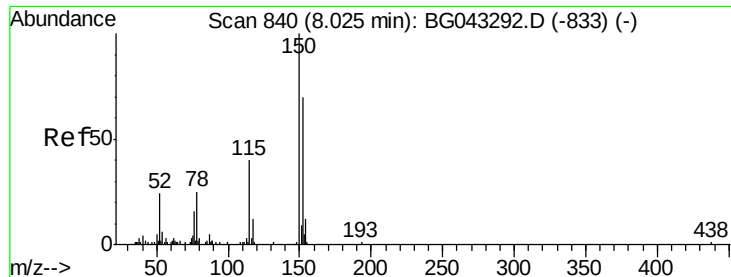
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165313	68.046	nq	96
43) 2,4,6-Trichlorophenol	13.08	196	119541	43.891	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	127694	46.375	nq	97
46) 1,1'-Biphenyl	13.46	154	398425	41.910	nq	96
47) 2-Chloronaphthalene	13.51	162	279313	38.614	nq	99
48) 2-Nitroaniline	13.72	65	41382	19.141	nq	97
49) Acenaphthylene	14.36	152	449515	39.929	nq	99
50) Dimethylphthalate	14.09	163	463633	47.899	nq	99
51) 2,6-Dinitrotoluene	14.21	165	89718	42.665	nq	98
52) Acenaphthene	14.70	154	275528	40.133	nq	98
53) 3-Nitroaniline	14.55	138	12925	6.366	nq	# 95
54) 2,4-Dinitrophenol	14.76	184	117391	88.543	nq	96
55) Dibenzofuran	15.03	168	459731	41.293	nq	99
56) 4-Nitrophenol	14.91	139	71996	52.917	nq	95
57) 2,4-Dinitrotoluene	15.00	165	123017	40.935	nq	96
58) Fluorene	15.68	166	383796	41.102	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	128915	44.066	nq	98
60) Diethylphthalate	15.45	149	406181	41.763	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	219131	40.227	nq	97
62) 4-Nitroaniline	15.72	138	4722	2.252	nq	97
63) Azobenzene	15.97	77	325836	41.396	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	77271	44.047	nq	91
66) n-Nitrosodiphenylamine	15.89	169	338668	40.241	nq	96
67) 4-Bromophenyl-phenylether	16.57	248	156771	39.079	nq	95
68) Hexachlorobenzene	16.69	284	170549	37.036	nq	99
69) Atrazine	16.84	200	139357	47.654	nq	98
70) Pentachlorophenol	17.04	266	171688	81.823	nq	97
71) Phenanthrene	17.42	178	596257	39.061	nq	99
72) Anthracene	17.51	178	612152	40.082	nq	98
73) Carbazole	17.79	167	490908	35.495	nq	98
74) Di-n-butylphthalate	18.33	149	658245	39.225	nq	100
75) Fluoranthene	19.43	202	677161	34.027	nq	99
78) Pyrene	19.79	202	654547	46.086	nq	100
80) Butylbenzylphthalate	20.67	149	215617	40.071	nq	96
81) Benzo(a)anthracene	21.63	228	595683	41.446	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	3589m	0.646	nq	
83) Chrysene	21.69	228	577563	40.445	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	316963	41.468	nq	99
85) Di-n-octyl phthalate	22.72	149	552824	42.631	nq	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	766467	42.759	nq	# 98
88) Benzo(b)fluoranthene	23.82	252	631145	41.131	nq	99
89) Benzo(k)fluoranthene	23.89	252	645777	41.805	nq	98
90) Benzo(a)pyrene	24.68	252	577121	39.386	nq	99
91) Dibenzo(a,h)anthracene	28.52	278	657578	43.874	nq	99
92) Benzo(g,h,i)perylene	29.60	276	653749	44.220	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

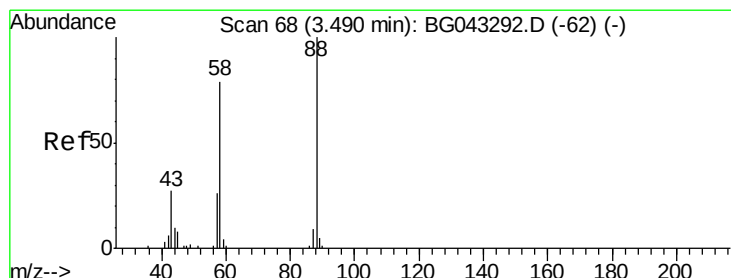
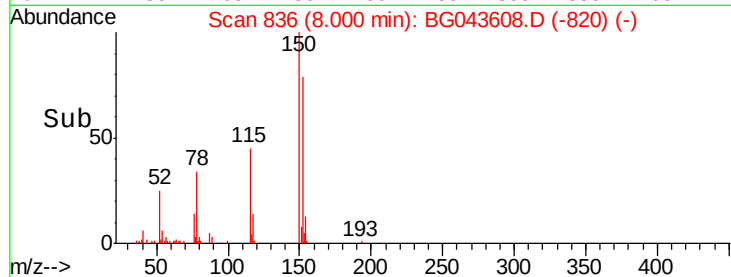
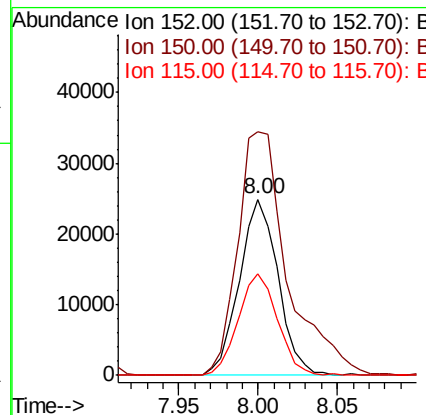
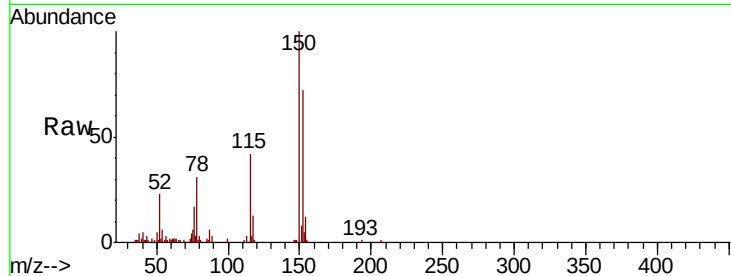
ClientSampleId :

HP-640-XMS

Tot Ion:	152	Resp:	42173
Ion Ratio	Lower	Upper	
152	100		
150	138.4	129.4	194.0
115	57.7	48.8	73.2

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#2

1,4-Dioxane

Concen: 18.457 ng

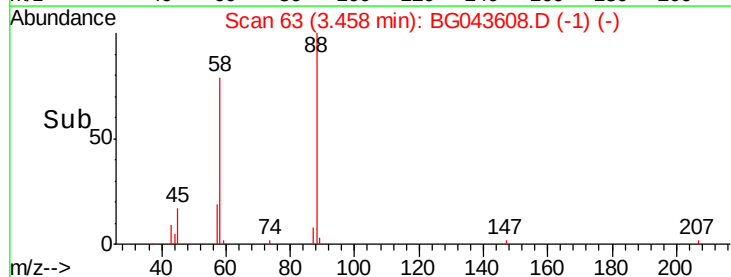
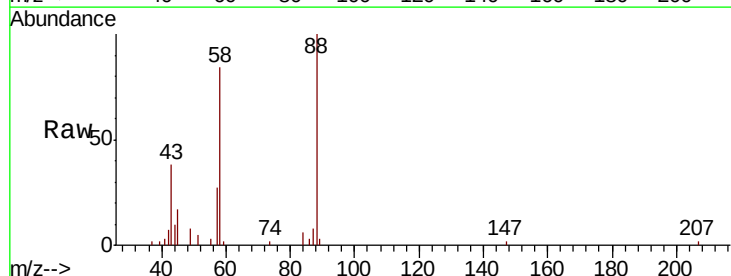
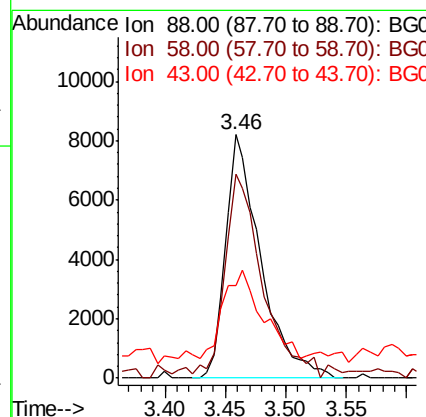
RT: 3.46 min Scan# 63

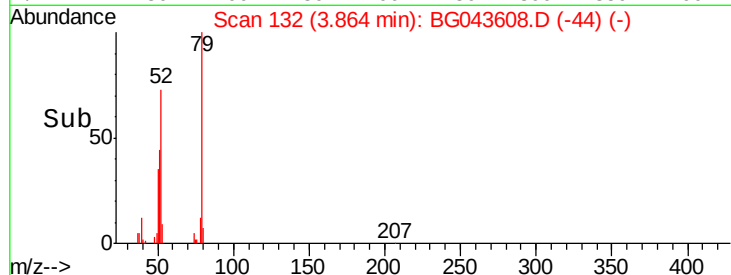
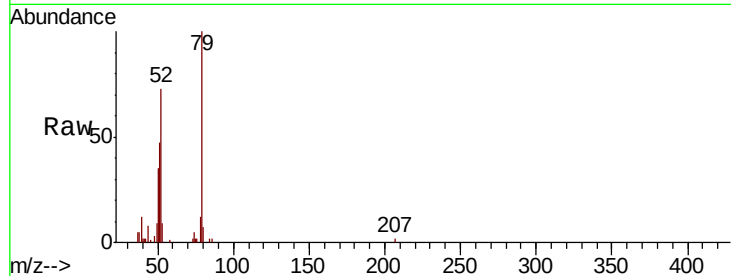
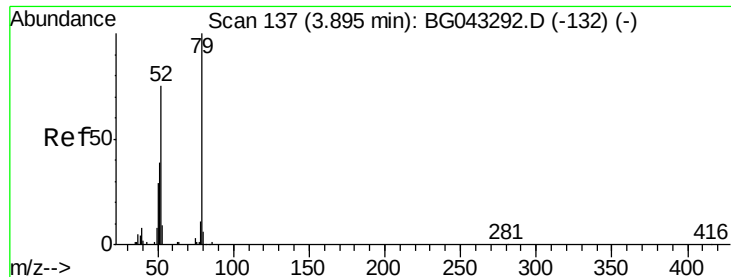
Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	88	Resp:	16553
Ion Ratio	Lower	Upper	
88	100		
58	89.6	62.7	94.1
43	39.1	23.7	35.5#





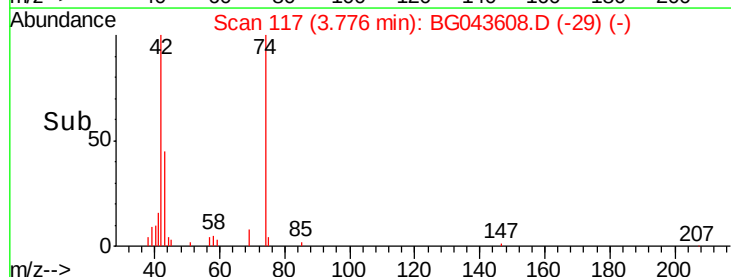
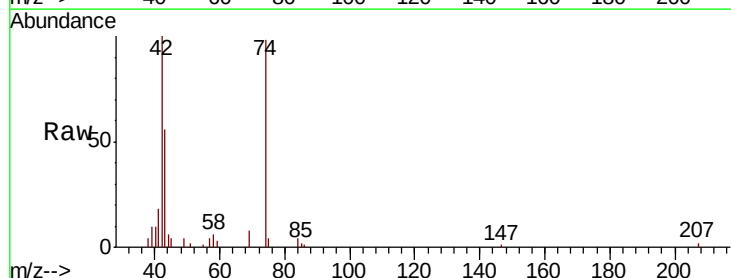
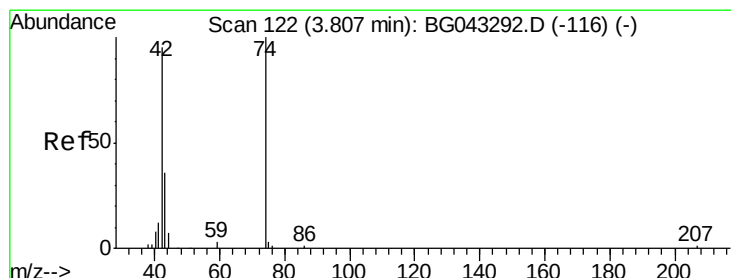
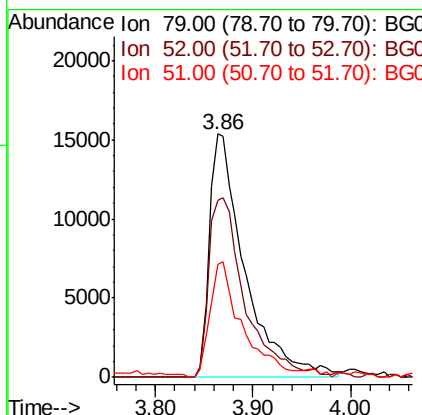
#3
 Pvrindine
 Concen: 17.072 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tot Ion:	79	Resp:	38623
Ion Ratio	Lower	Upper	
79	100		
52	72.5	56.5	84.7
51	46.6	33.2	49.8

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

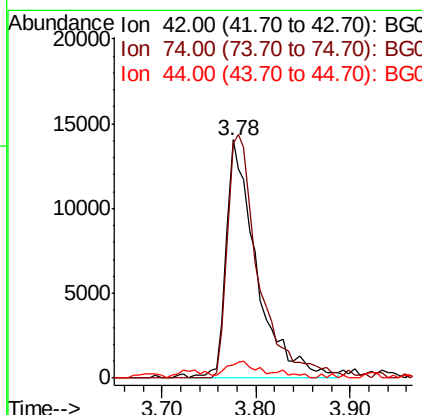
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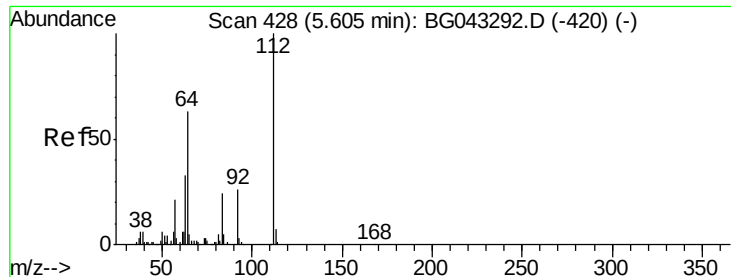
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#4
 n-Nitrosodimethylamine
 Concen: 27.682 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion:	42	Resp:	31602
Ion Ratio	Lower	Upper	
42	100		
74	98.4	97.3	145.9
44	5.7	4.4	6.6





#5

2-Fluorophenol

Concen: 63.006 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

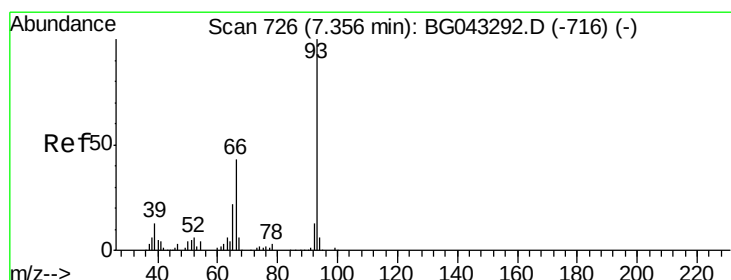
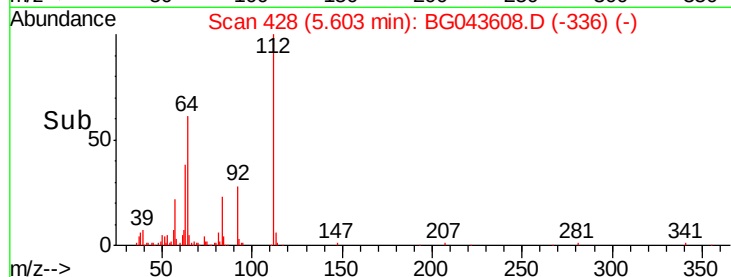
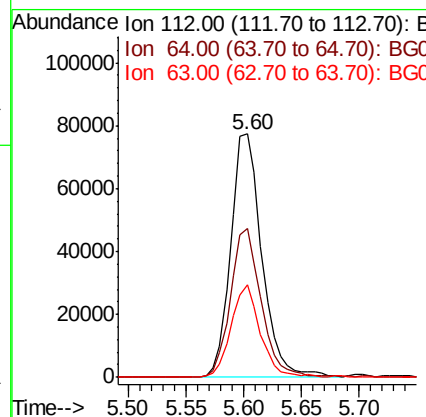
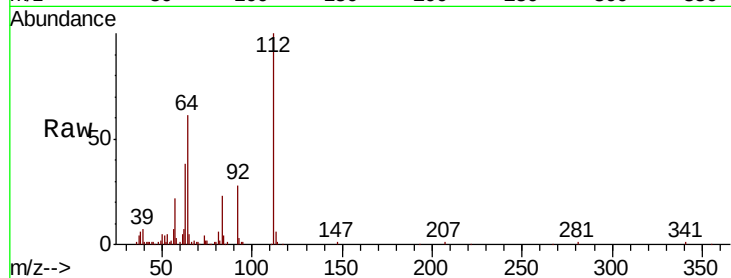
ClientSampleId :

HP-640-XMS

Tot Ion:	112	Resp:	145006
Ion Ratio	Lower	Upper	
112	100		
64	61.1	50.0	75.0
63	38.2	26.6	40.0

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#6

Aniline

Concen: 5.543 ng

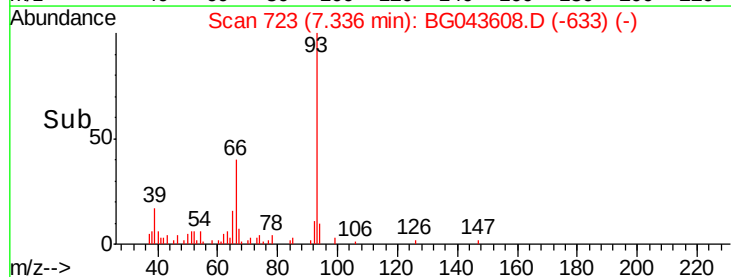
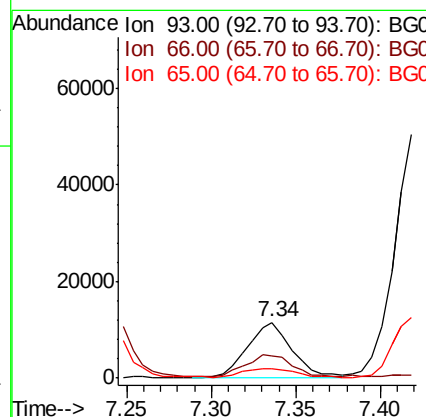
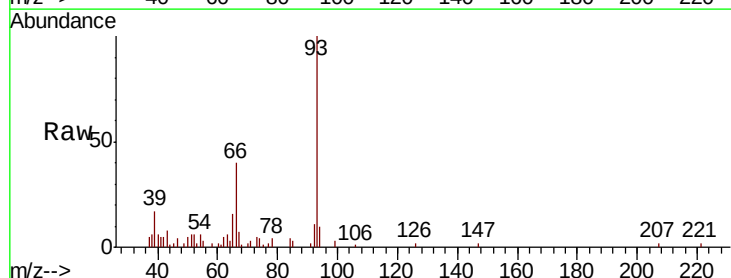
RT: 7.34 min Scan# 723

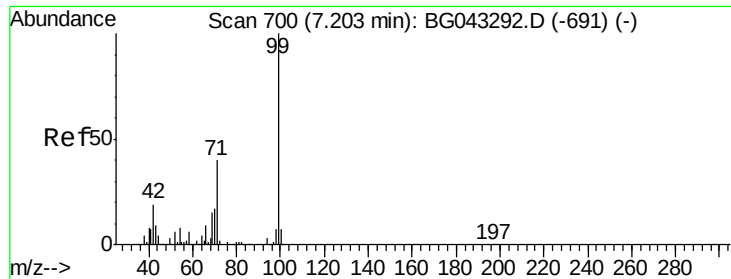
Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	93	Resp:	21144
Ion Ratio	Lower	Upper	
93	100		
66	40.3	32.3	48.5
65	16.0	16.1	24.1#





#7

Phenol-d6

Concen: 43.731 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

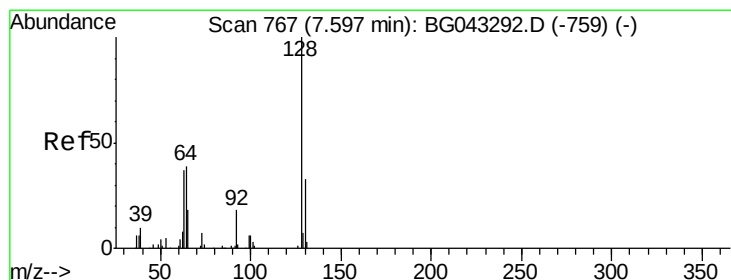
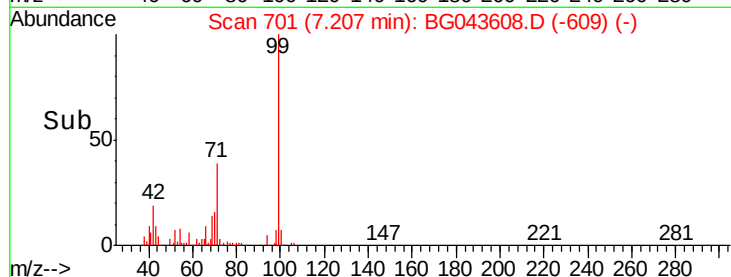
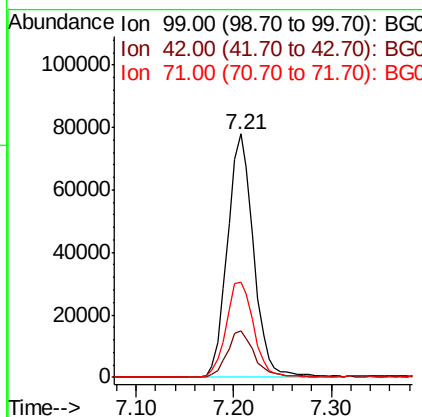
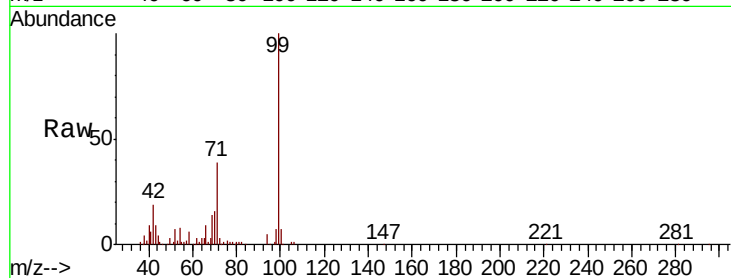
ClientSampled :

HP-640-XMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		144805		
42	19.1	14.6	21.8		
71	39.1	32.5	48.7		

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#8

2-Chlorophenol

Concen: 45.383 ng

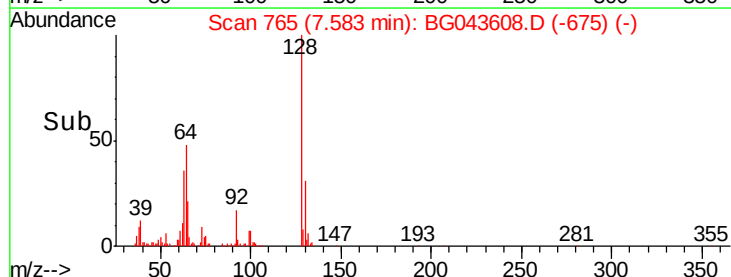
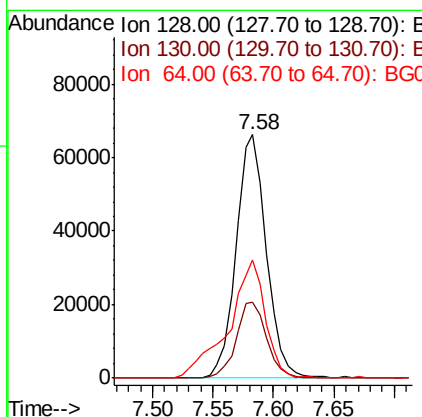
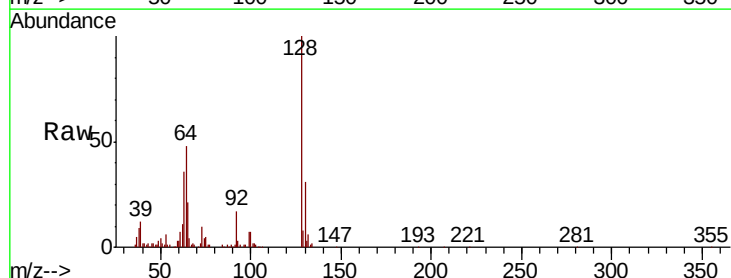
RT: 7.58 min Scan# 765

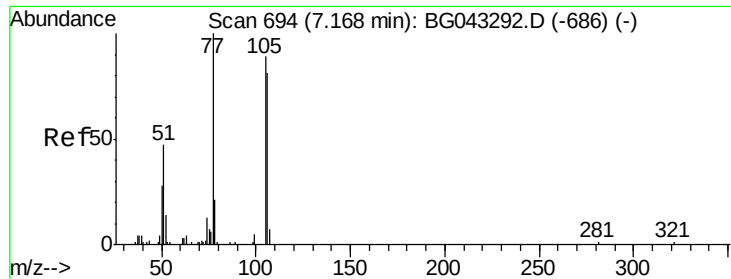
Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		115297		
130	31.4	12.5	52.5		
64	48.5	25.3	65.3		





#9

Benzaldehyde

Concen: 40.038 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

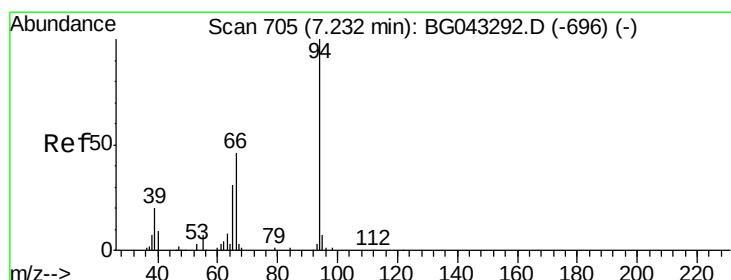
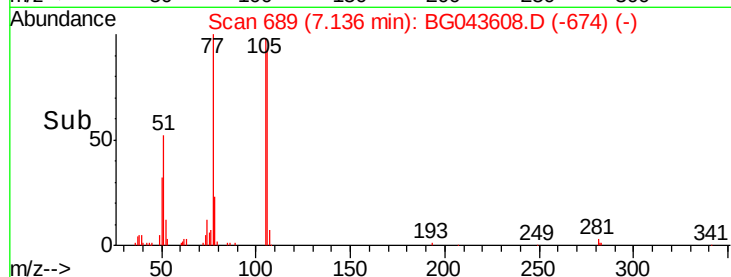
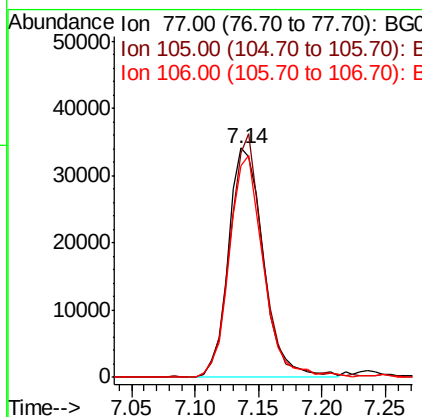
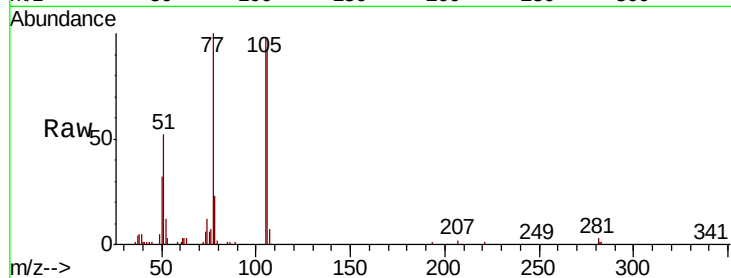
ClientSampleId :

HP-640-XMS

Tot Ion:	77	Resp:	65154
Ion	Ratio	Lower	Upper
77	100		
105	97.7	68.6	108.6
106	92.5	69.9	109.9

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#10

Phenol

Concen: 31.572 ng

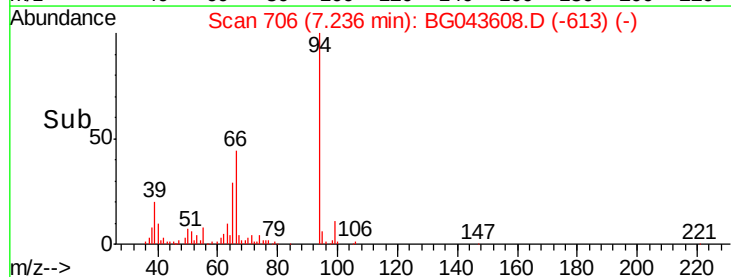
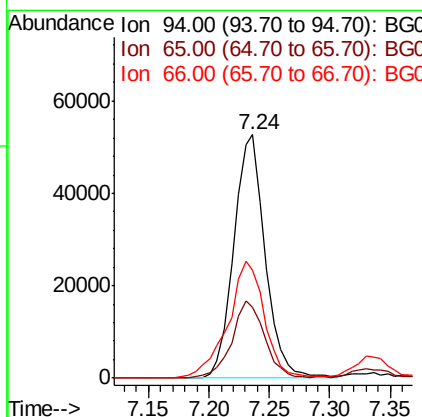
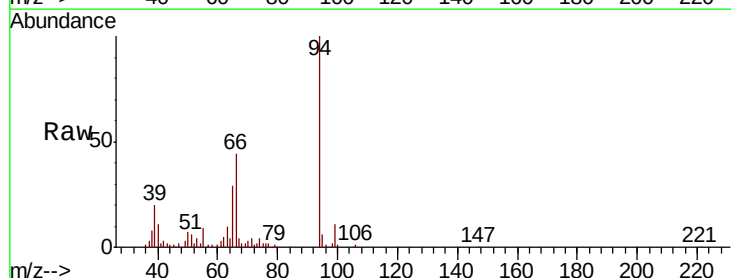
RT: 7.24 min Scan# 706

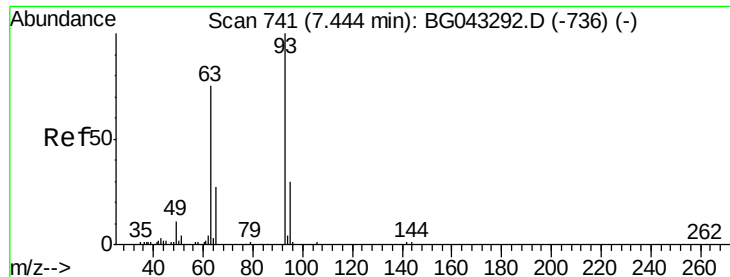
Delta R.T. 0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	94	Resp:	95530
Ion	Ratio	Lower	Upper
94	100		
65	29.2	12.6	52.6
66	44.4	30.7	70.7





#11

bis(2-Chloroethyl)ether

Concen: 38.309 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

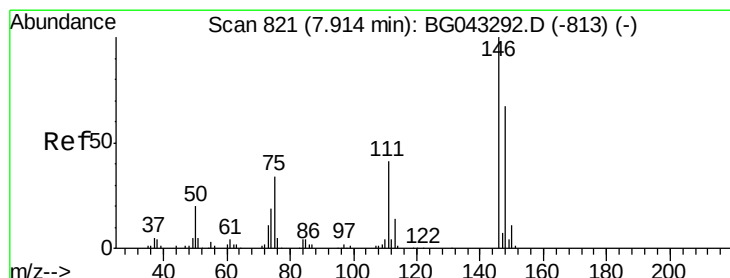
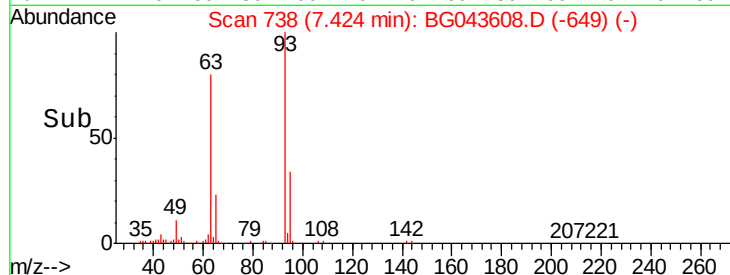
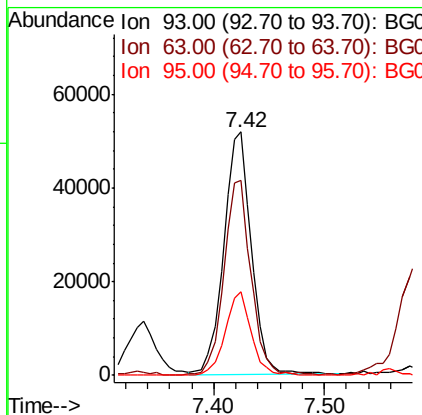
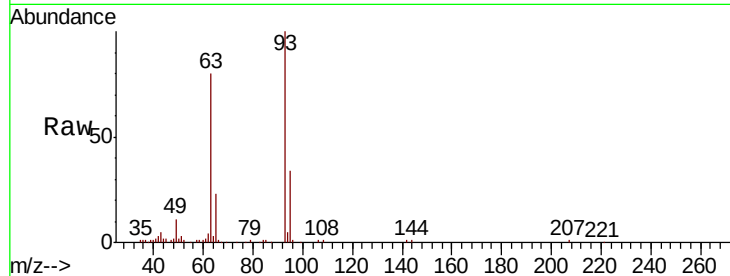
ClientSampleId :

HP-640-XMS

Tot Ion:	93	Resp:	89619
Ion Ratio	Lower	Upper	
93	100		
63	80.0	56.3	96.3
95	34.2	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 33.449 ng

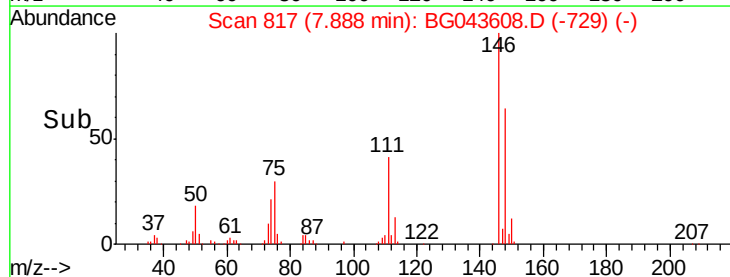
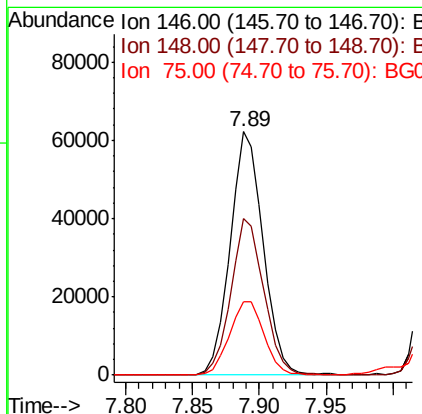
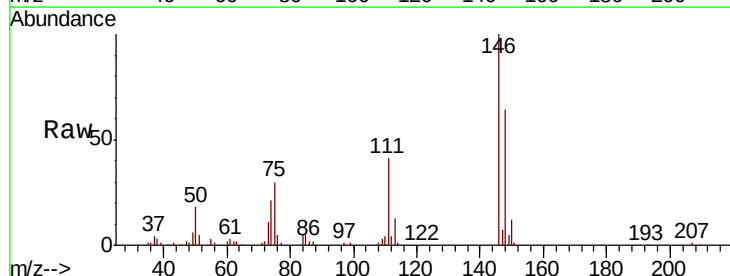
RT: 7.89 min Scan# 817

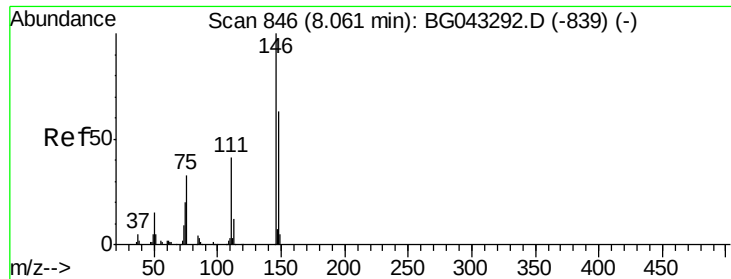
Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	146	Resp:	106471
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.3	75.5
75	30.0	24.6	37.0





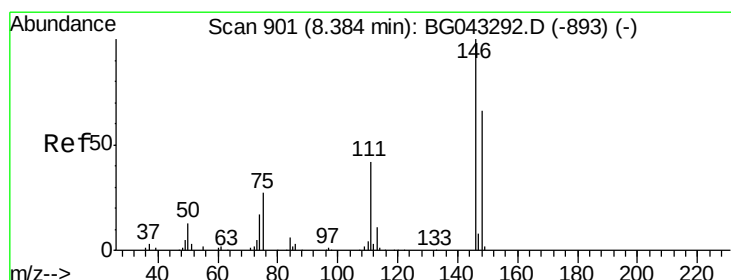
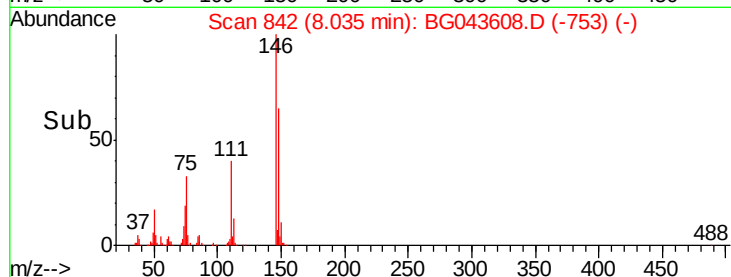
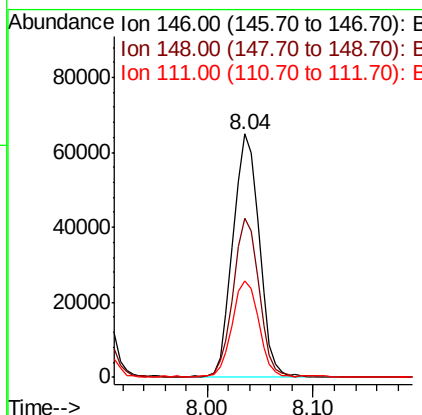
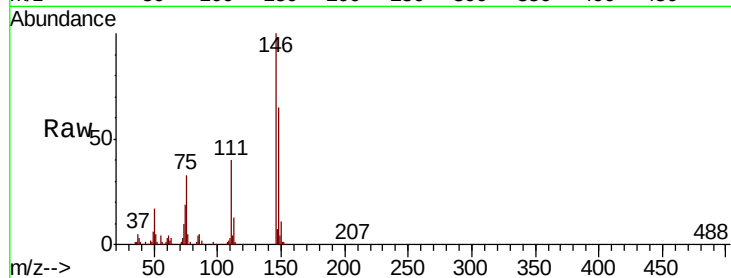
#13
 1,4-Dichlorobenzene
 Concen: 34.851 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.7	76.1
111	39.7	33.4	50.2

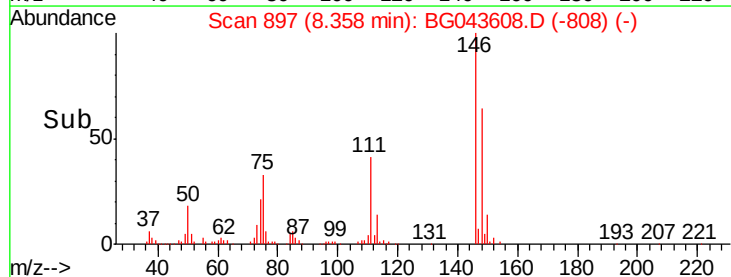
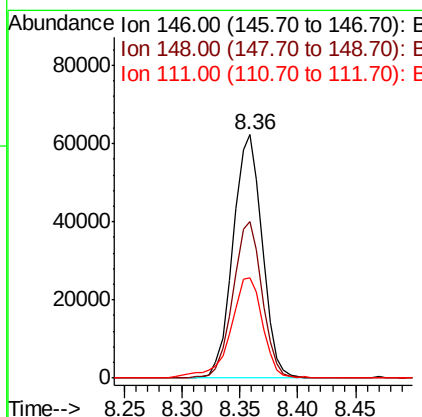
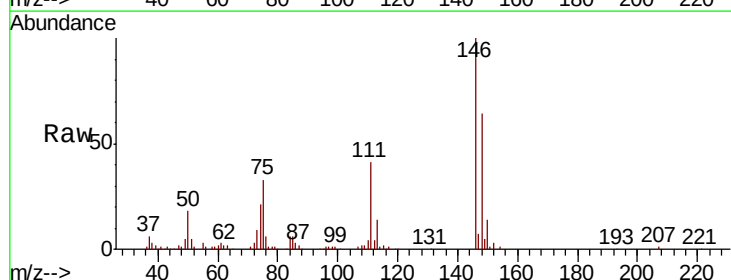
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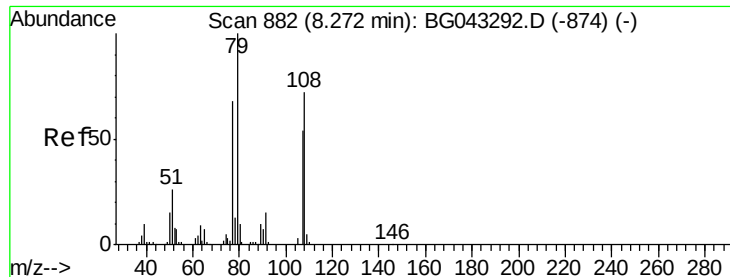
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#14
 1,2-Dichlorobenzene
 Concen: 34.625 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.2	79.8
111	41.2	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.628 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

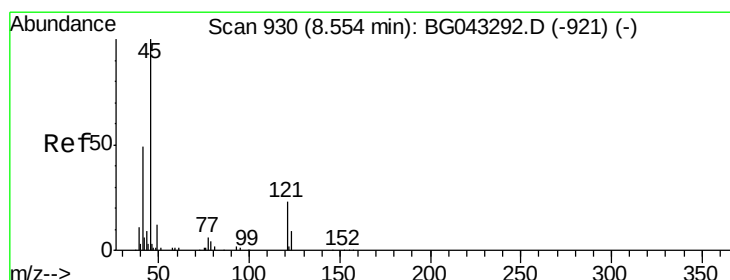
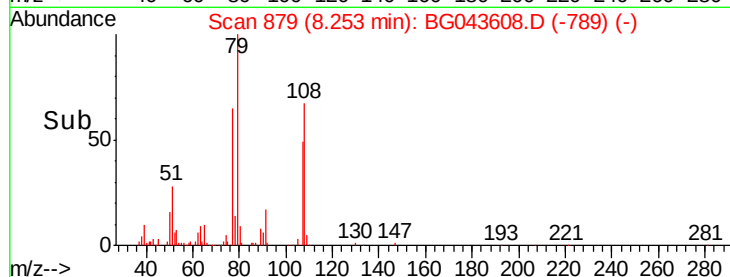
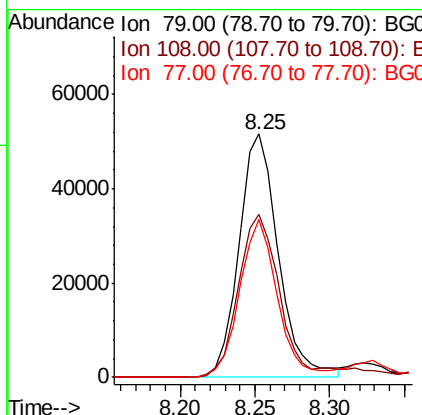
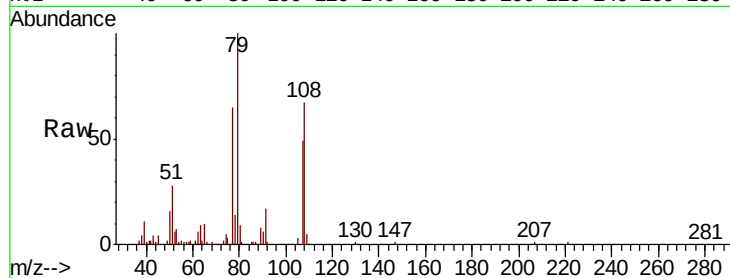
ClientSampleId :

HP-640-XMS

Tot Ion:	79	Resp:	94480
Ion Ratio	Lower	Upper	
79	100		
108	66.8	53.6	80.4
77	64.8	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.587 ng

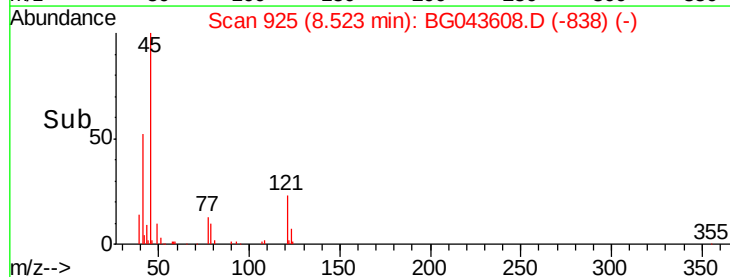
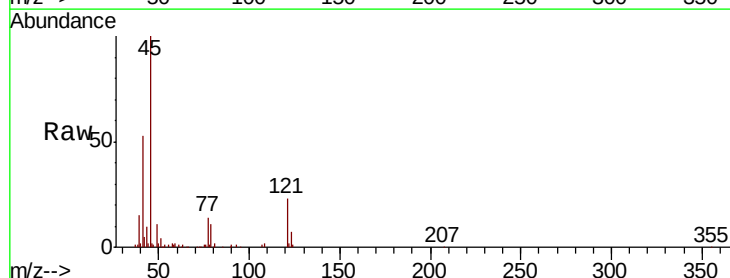
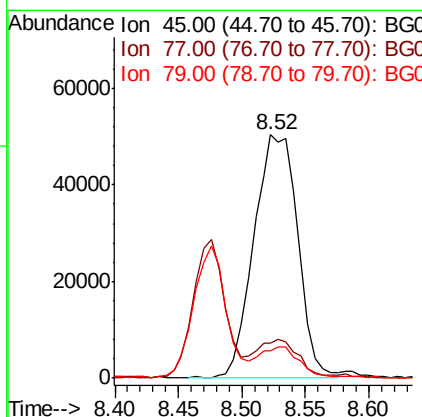
RT: 8.52 min Scan# 925

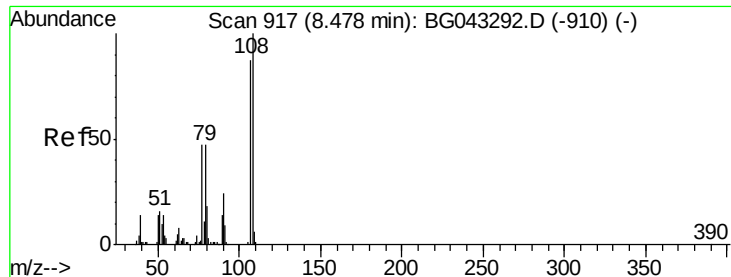
Delta R.T. -0.02 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	45	Resp:	121054
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	34.9
79	11.2	0.0	33.0





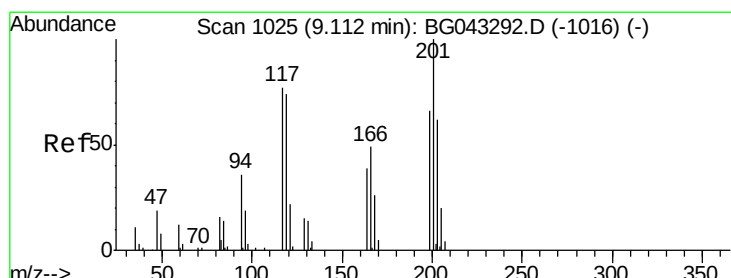
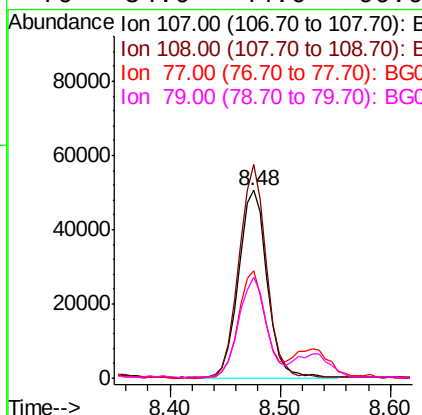
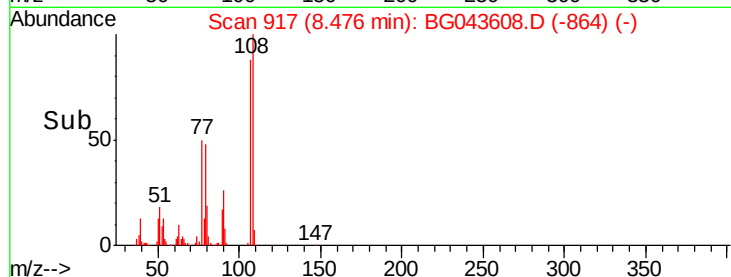
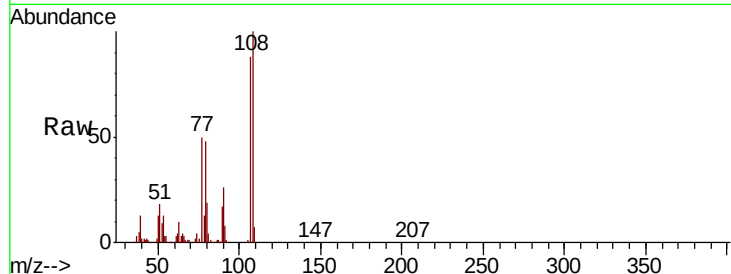
#17
2-Methylphenol
Concen: 42.085 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.2	135.4	
77	56.9	40.2	60.2	
79	54.0	44.0	66.0	

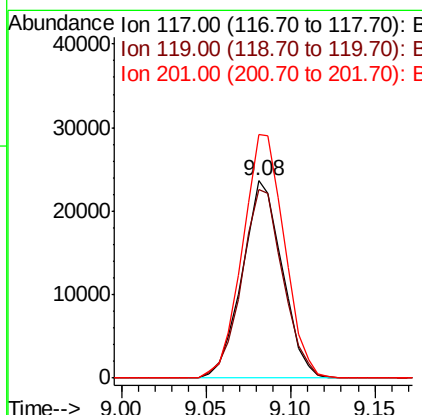
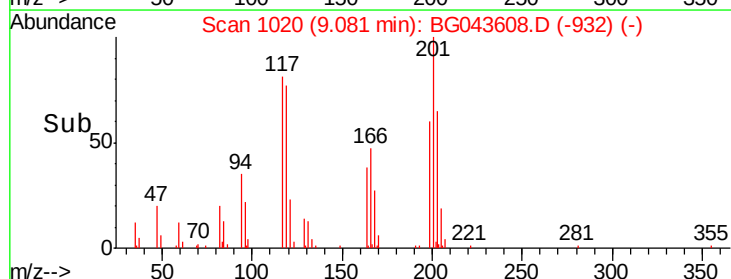
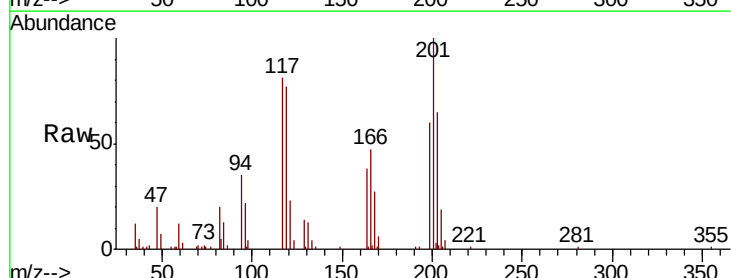
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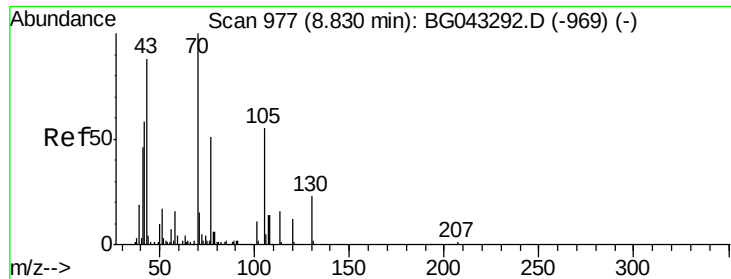
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#18
Hexachloroethane
Concen: 33.521 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	79.0	118.4	
201	123.6	105.4	158.2	





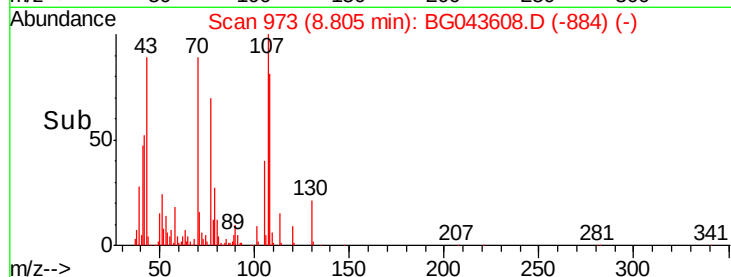
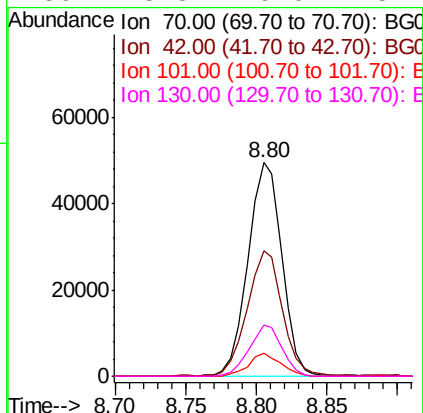
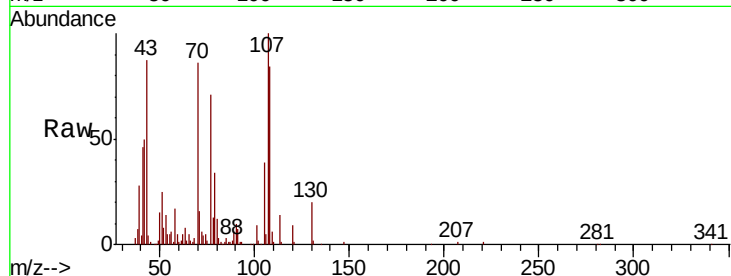
#19
n-Nitroso-di-n-propylamine
Concen: 39.118 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	41.4	62.2	
101	10.6	7.9	11.9	
130	23.8	19.0	28.4	

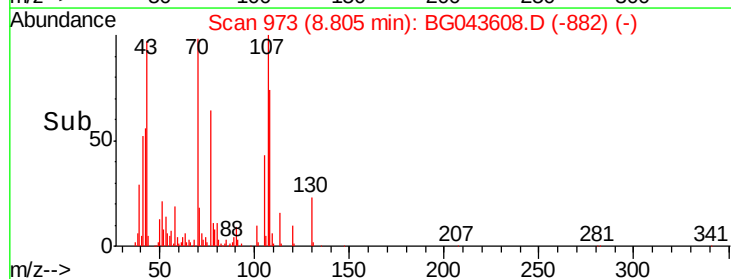
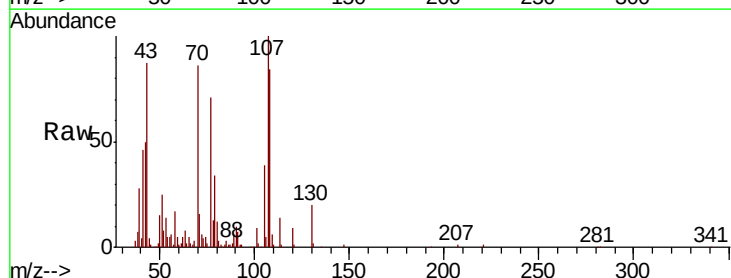
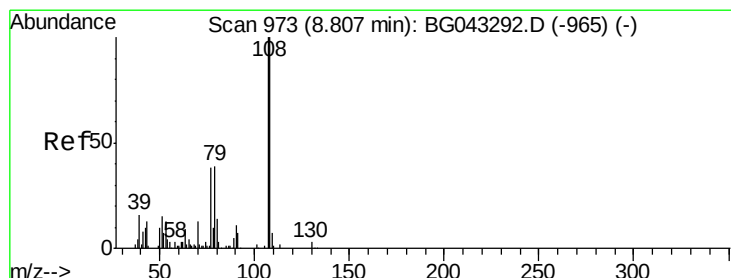
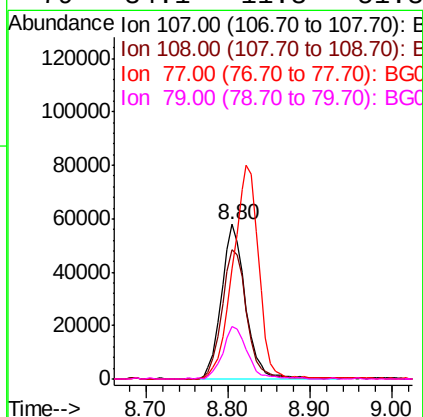
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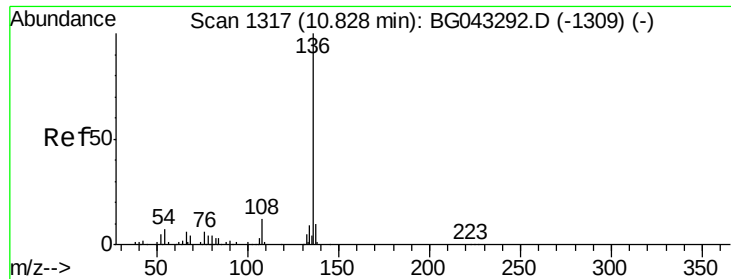
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#20
3+4-Methylphenols
Concen: 39.512 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.5	66.6	106.6	
77	71.4	20.9	60.9	
79	34.1	11.3	51.3	





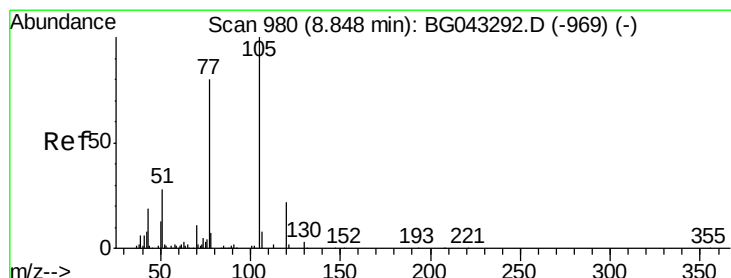
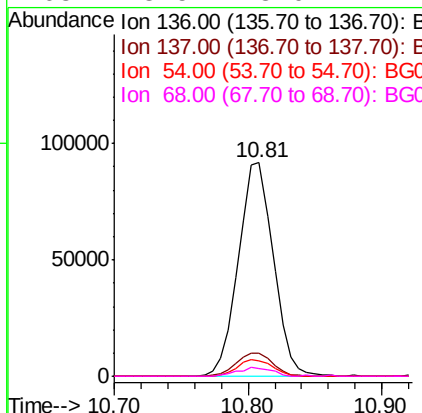
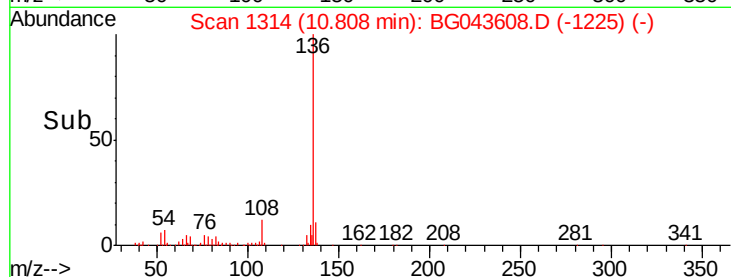
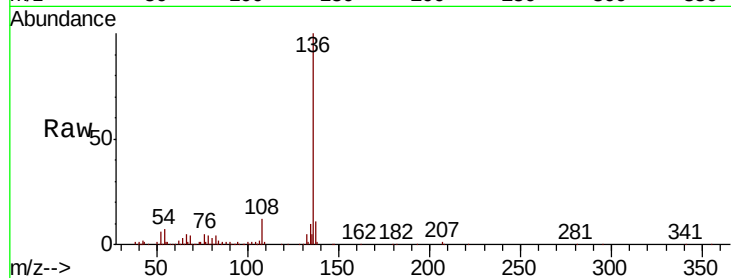
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	166985		
137	11.0		8.7	13.1
54	7.0		5.4	8.2
68	3.5		3.0	4.4

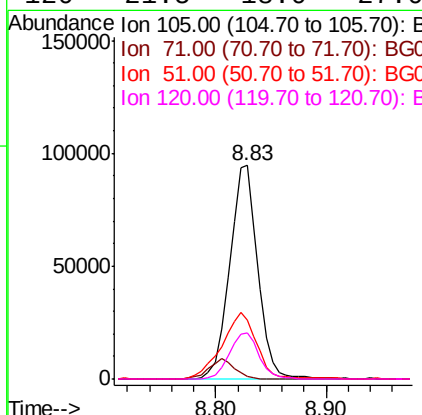
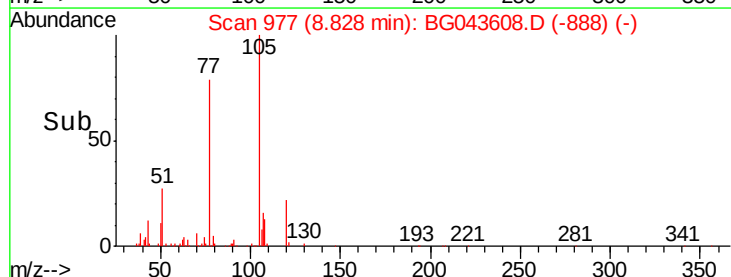
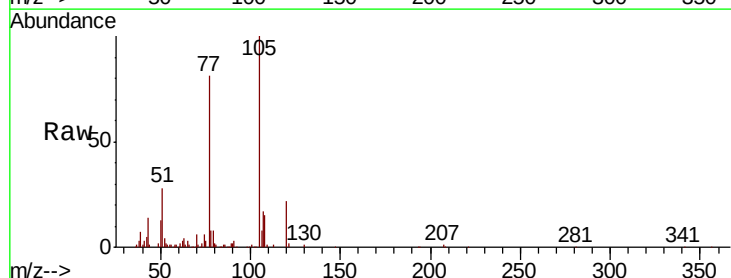
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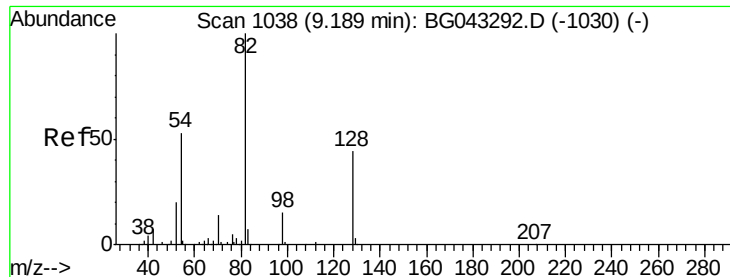
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#22
Acetophenone
Concen: 39.403 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168499		
71	1.0		0.8	1.2
51	27.8		21.0	31.4
120	21.5		18.0	27.0





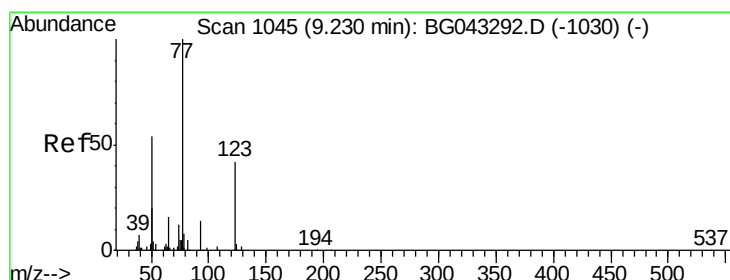
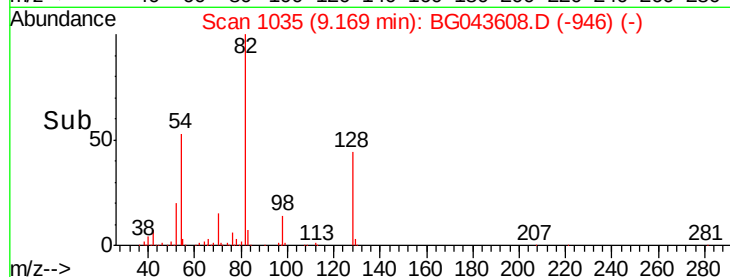
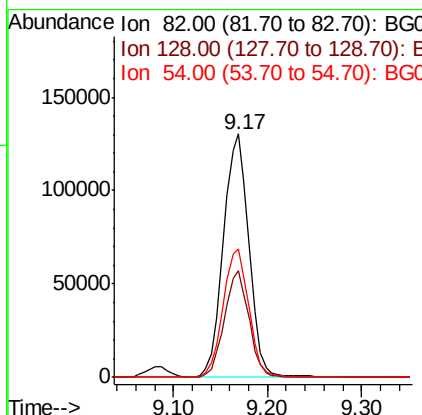
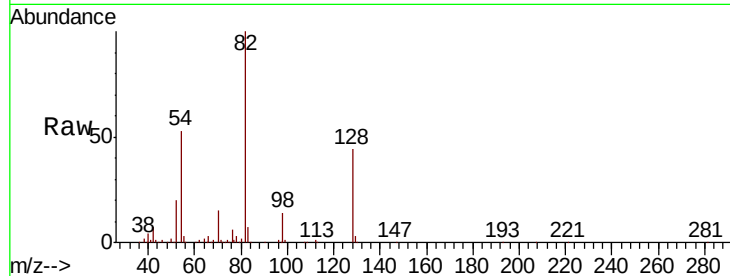
#23
 Nitrobenzene-d5
 Concen: 75.868 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.6
54	52.8	40.2	60.2

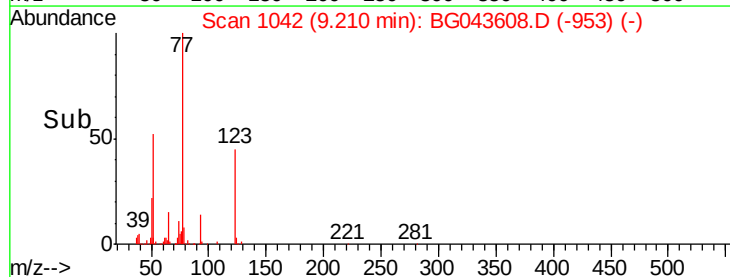
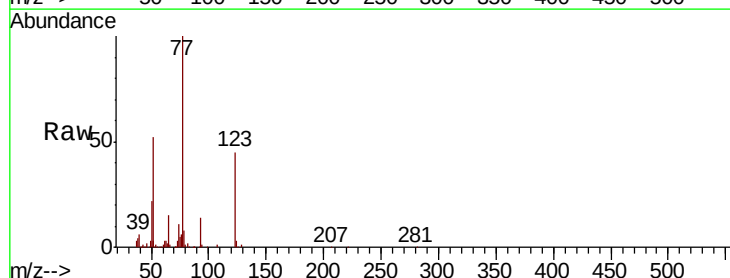
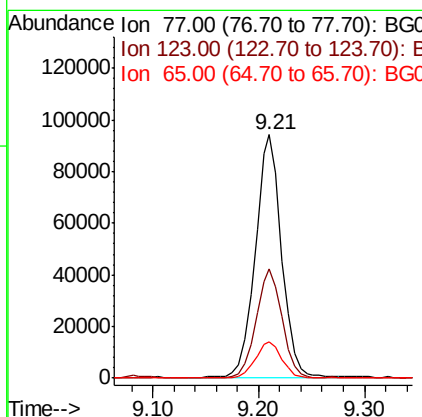
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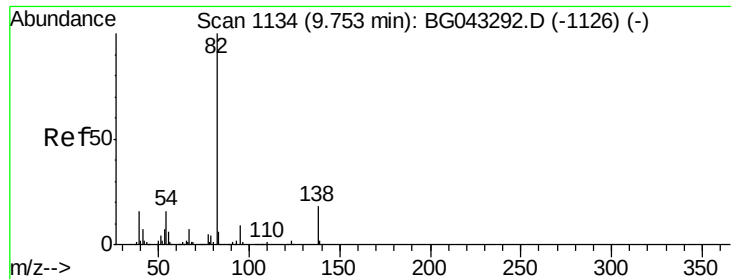
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#24
 Nitrobenzene
 Concen: 52.552 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	35.0	52.6
65	14.8	9.5	14.3#





#25

Isophorone

Concen: 39.703 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

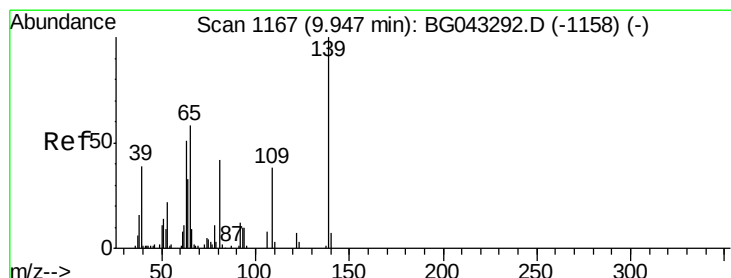
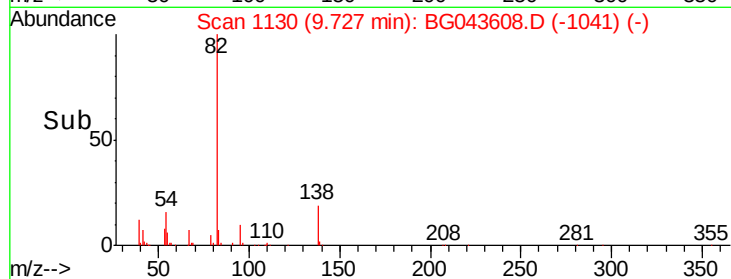
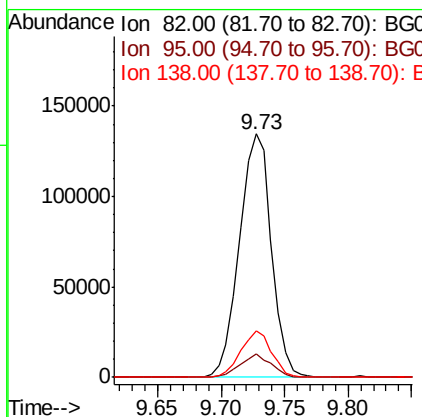
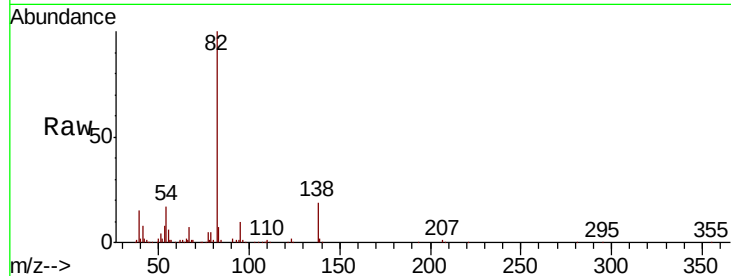
ClientSampleId :

HP-640-XMS

Tot Ion:	82	Resp:	235110
Ion Ratio	Lower	Upper	
82	100		
95	9.8	6.6	9.8
138	19.1	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.435 ng

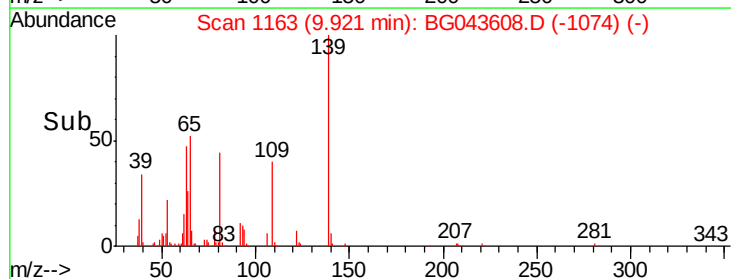
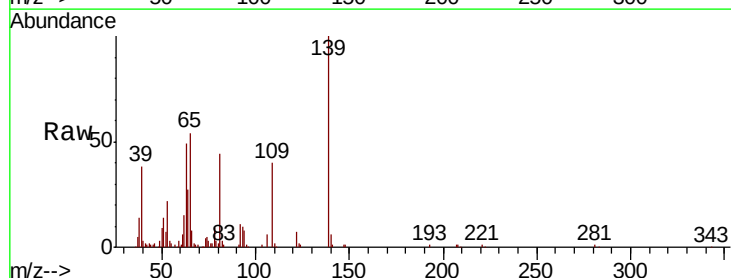
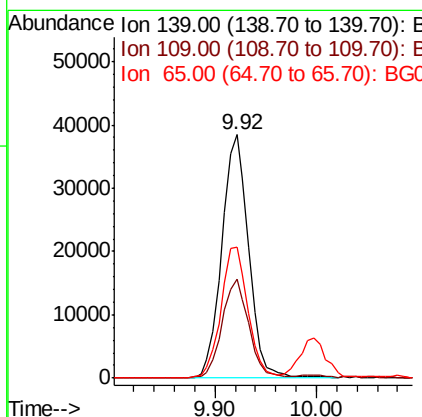
RT: 9.92 min Scan# 1163

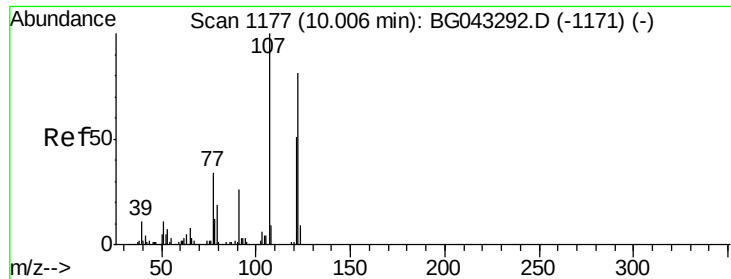
Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	139	Resp:	70660
Ion Ratio	Lower	Upper	
139	100		
109	40.5	26.5	39.7#
65	54.0	43.8	65.8





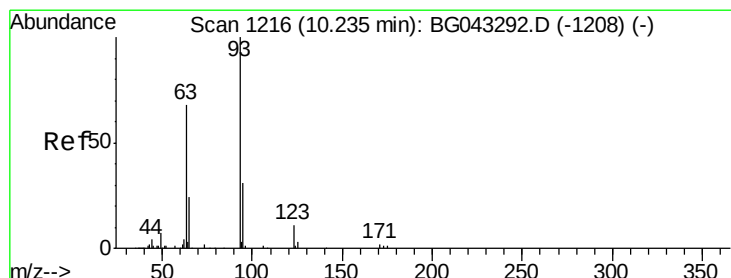
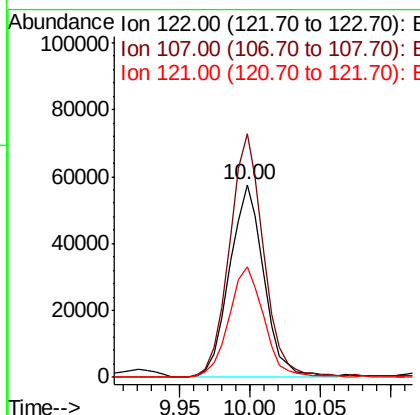
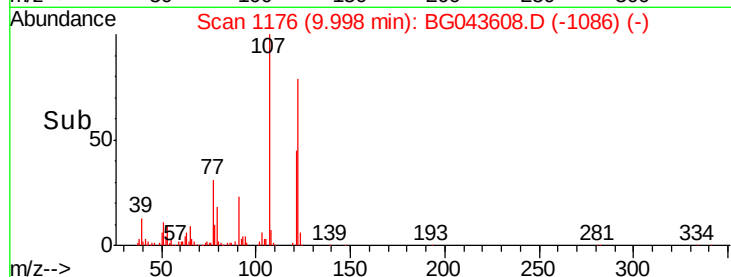
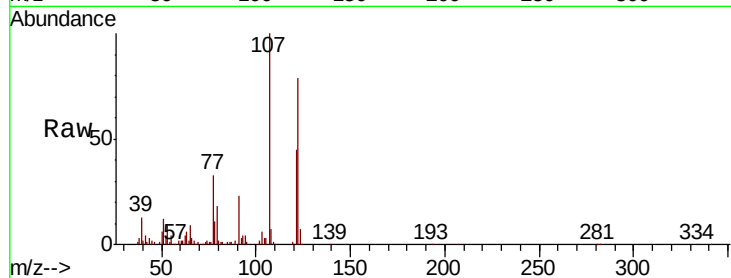
#27
2,4-Dimethylphenol
Concen: 45.649 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.4	104.4	156.6
121	57.5	47.2	70.8

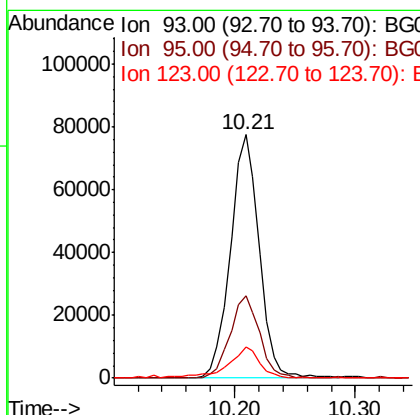
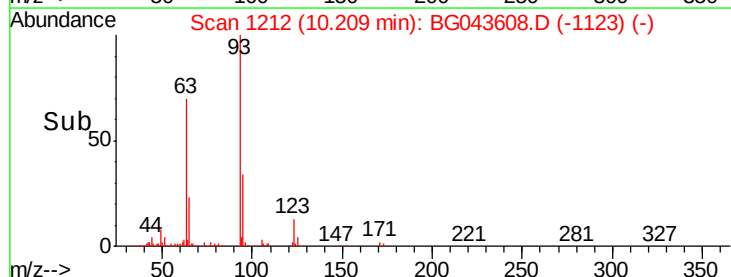
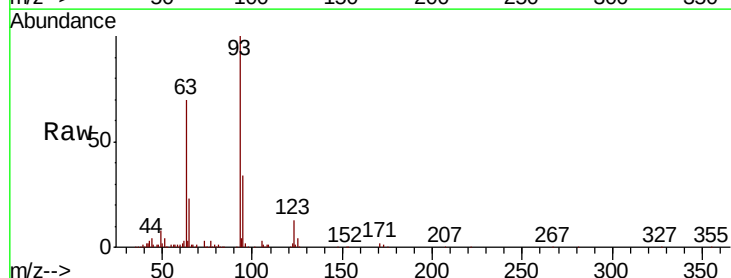
Manual Integrations
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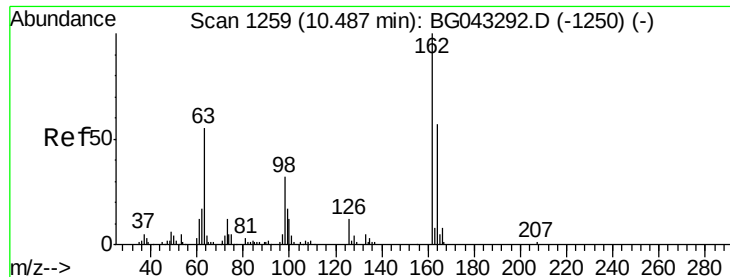
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.302 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.0	39.0
123	12.6	10.6	15.8





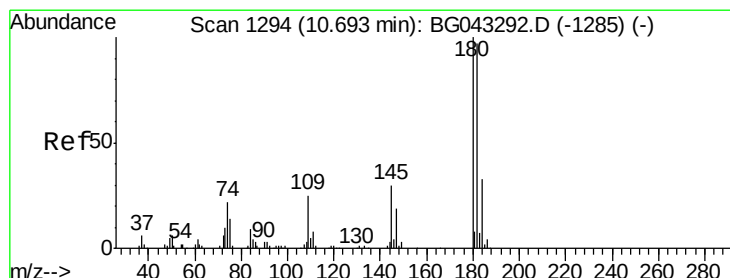
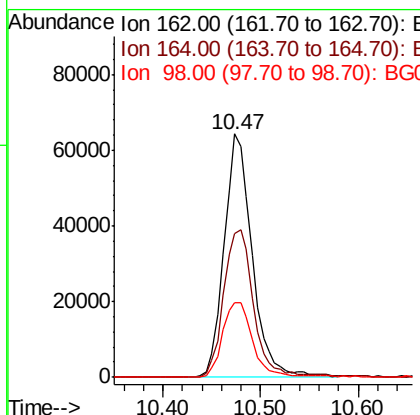
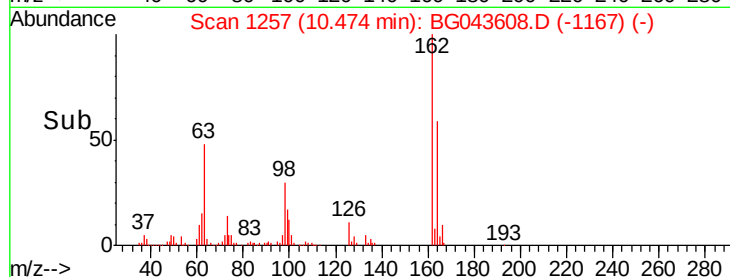
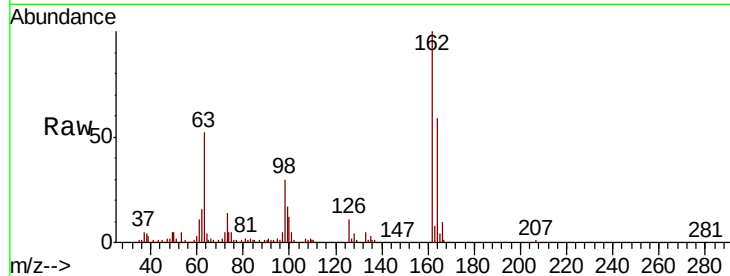
#29
2,4-Dichlorophenol
Concen: 47.026 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion:	162	Resp:	128644
Ion Ratio	Lower	Upper	
162	100		
164	59.0	48.9	88.9
98	30.4	15.1	55.1

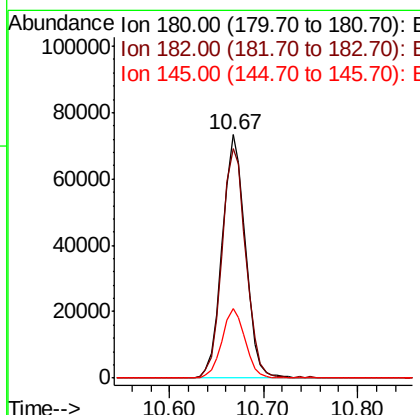
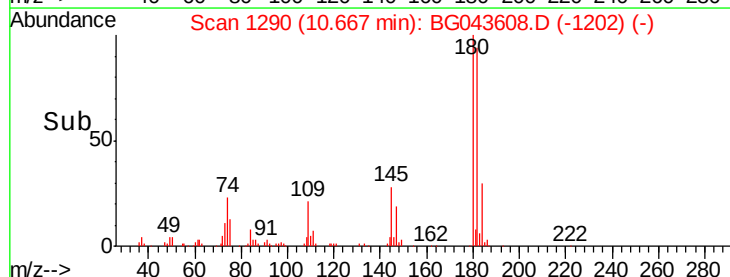
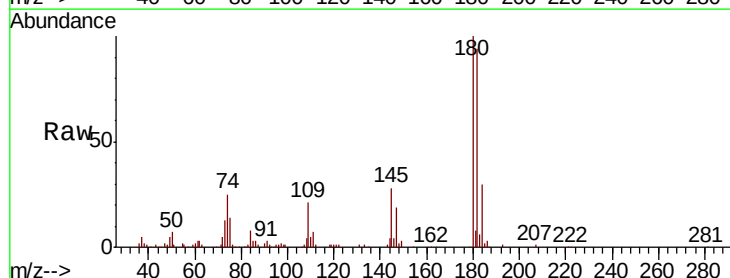
Manual Integrations
APPROVED

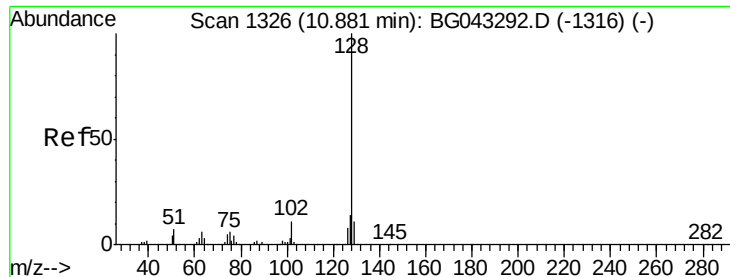
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.552 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:	180	Resp:	126024
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.1	112.7
145	28.4	23.9	35.9





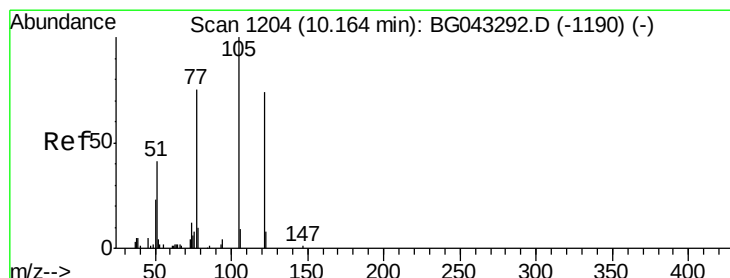
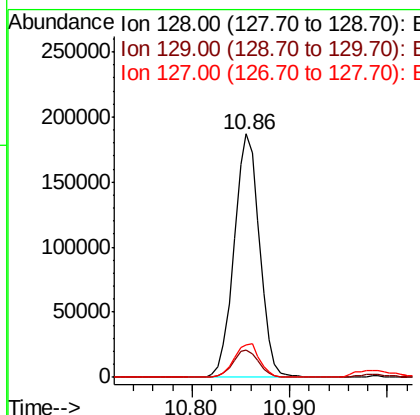
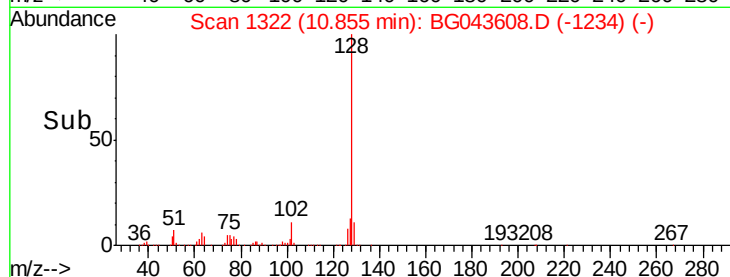
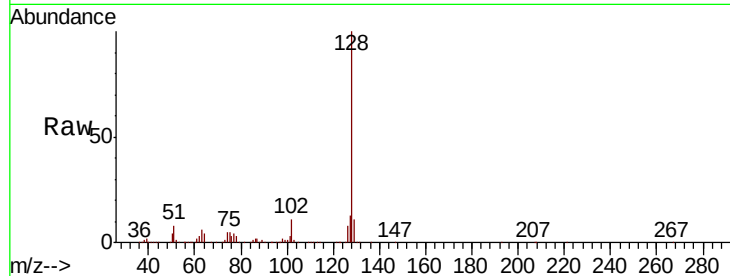
#31
Naphthalene
Concen: 39.811 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.3	11.1	16.7

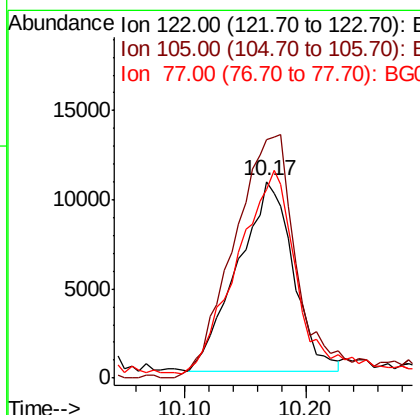
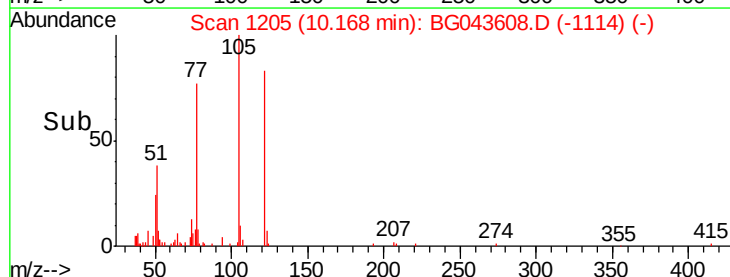
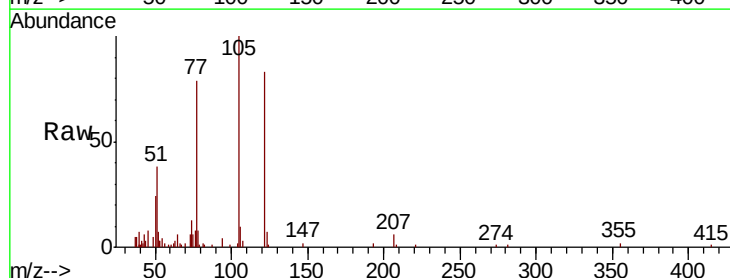
Manual Integrations
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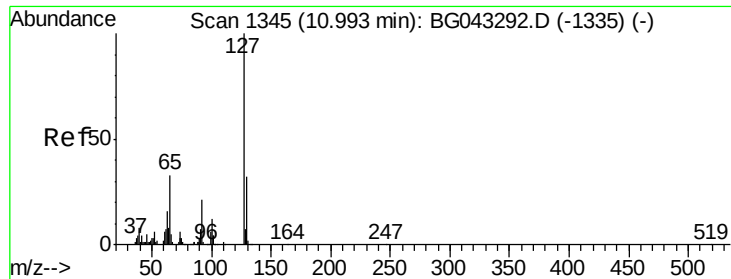
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#32
Benzoic acid
Concen: 25.844 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	103.3	143.3
77	96.1	84.9	124.9





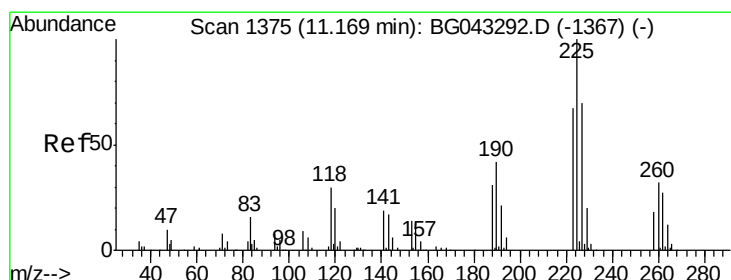
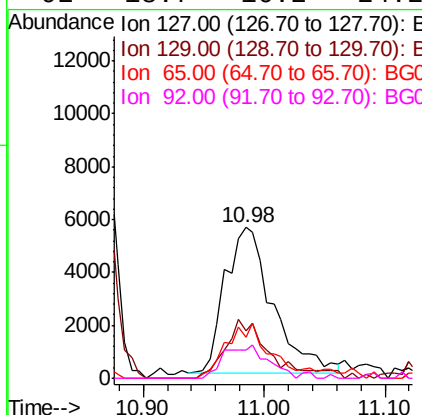
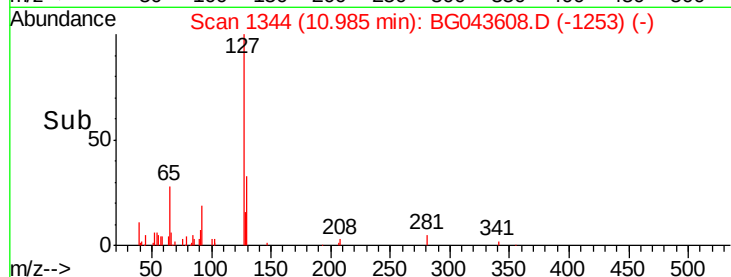
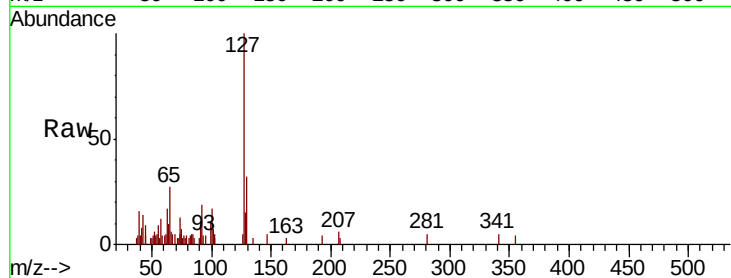
#33
4-Chloroaniline
Concen: 4.332 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.5	39.7		
65	27.4	26.4	39.6		
92	18.7	16.2	24.2		

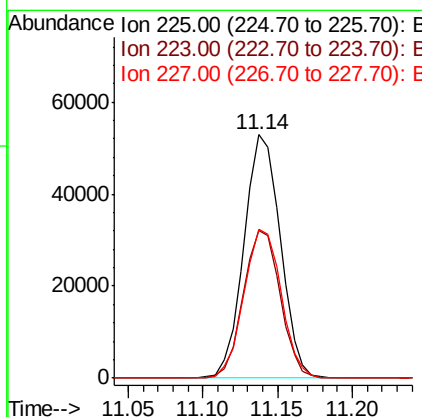
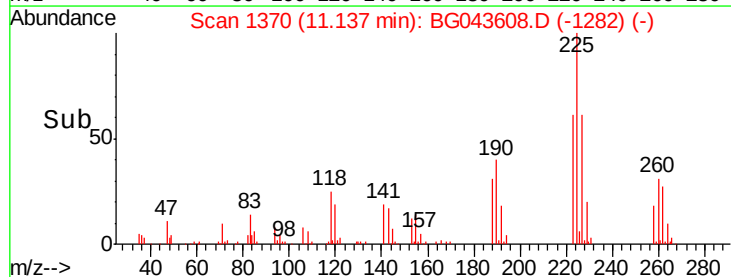
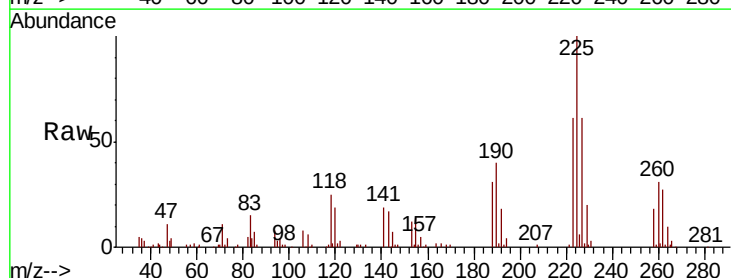
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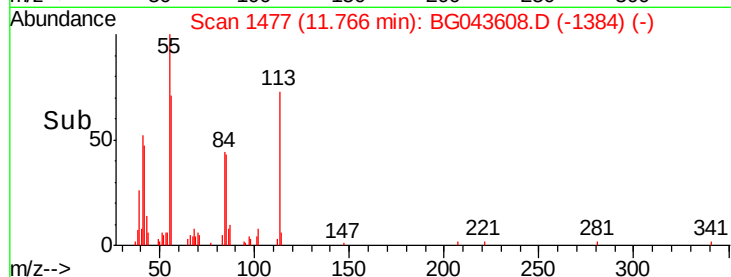
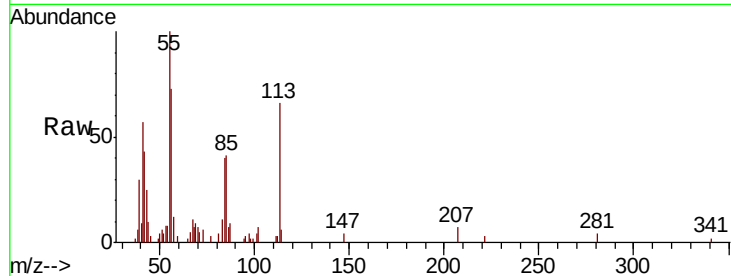
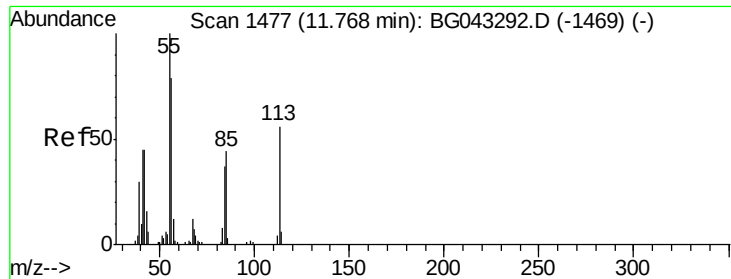
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#34
Hexachlorobutadiene
Concen: 34.988 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	52.7	79.1		
227	61.2	54.8	82.2		





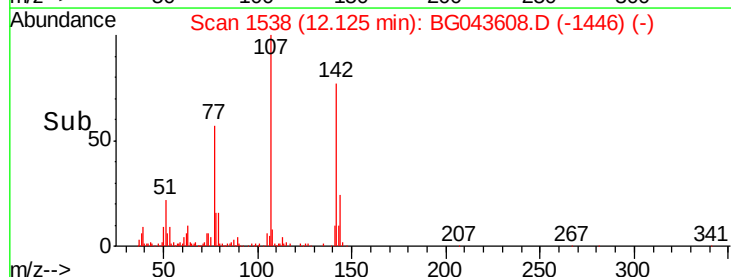
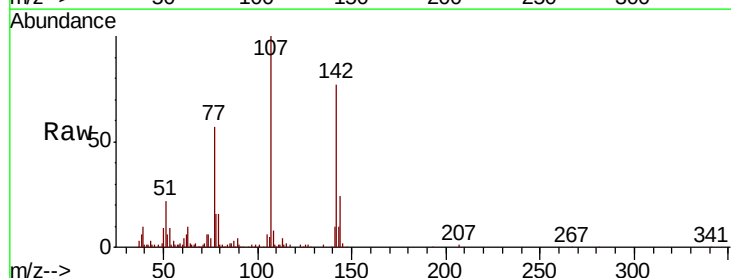
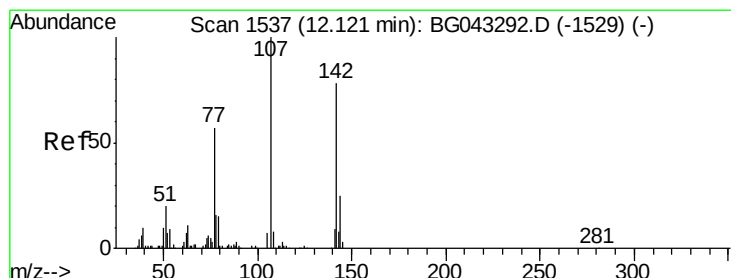
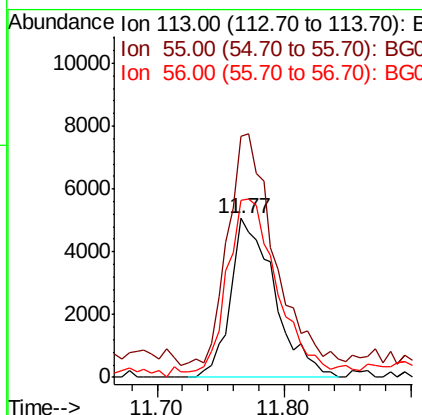
#35
Caprolactam
Concen: 12.957 ng
RT: 11.77 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.1	134.1	174.1
56	111.6	100.4	140.4

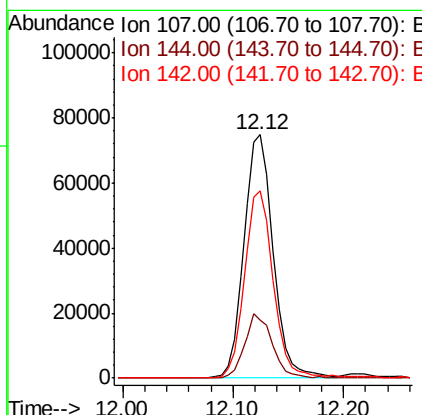
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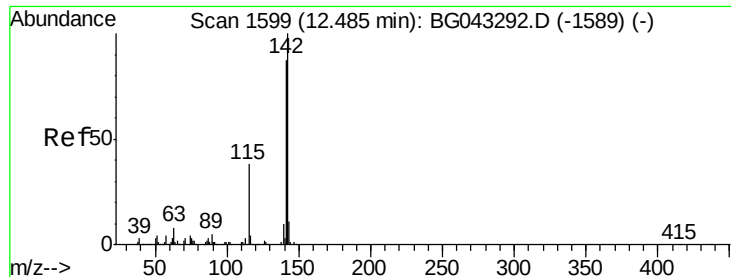
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#36
4-Chloro-3-methylphenol
Concen: 46.779 ng
RT: 12.12 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.9	31.3
142	76.9	59.6	89.4





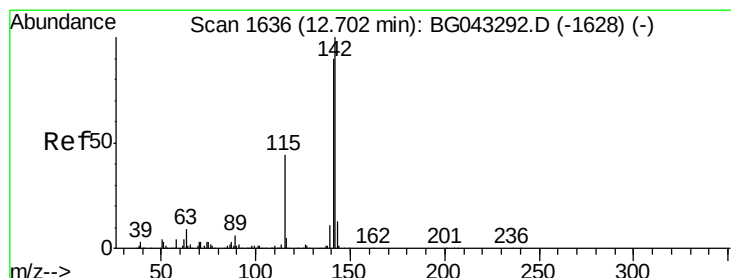
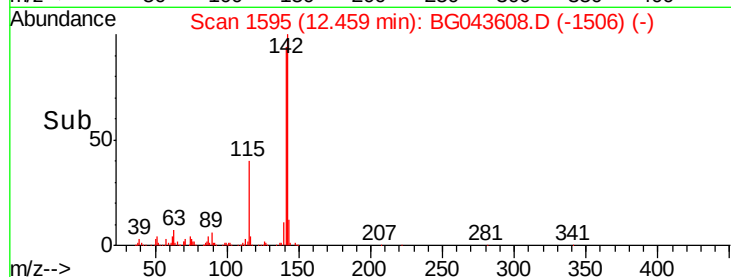
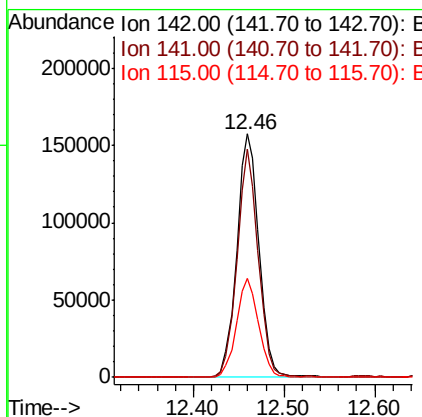
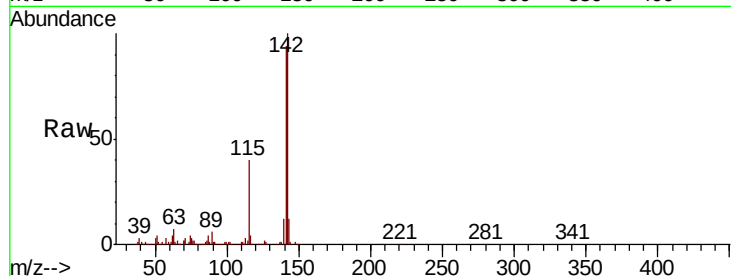
#37
2-Methylnaphthalene
Concen: 41.092 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.2	108.2
115	40.5	33.2	49.8

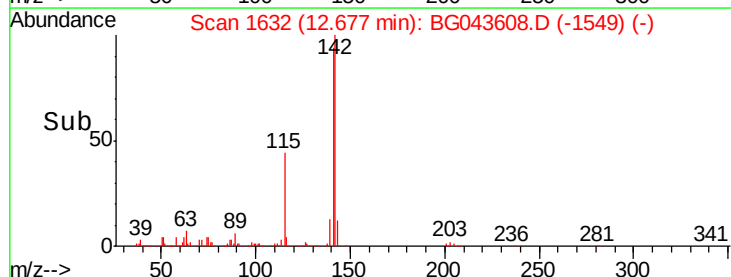
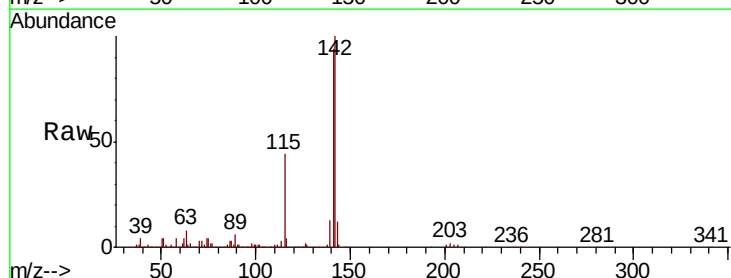
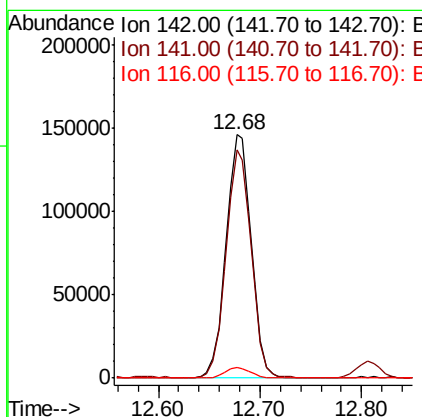
Manual Integrations
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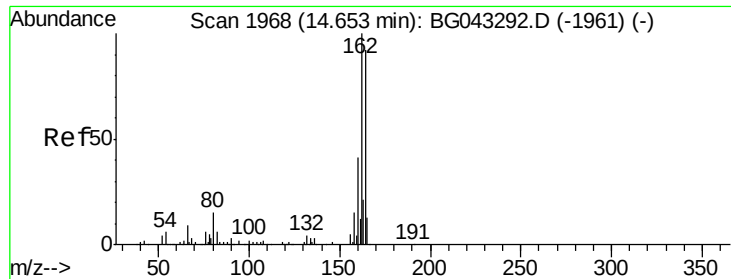
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#38
1-Methylnaphthalene
Concen: 40.534 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.2	109.8
116	4.3	3.6	5.4





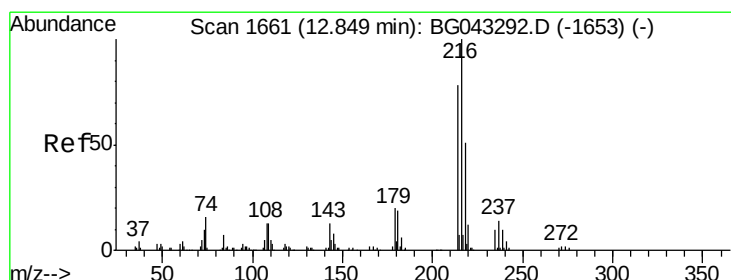
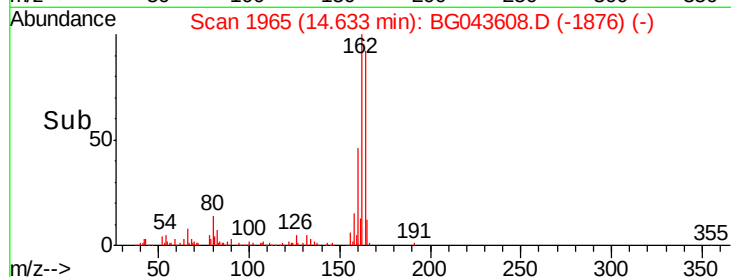
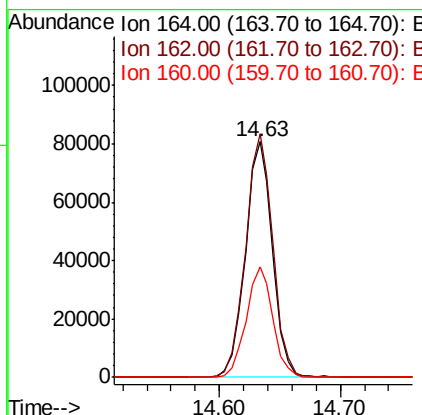
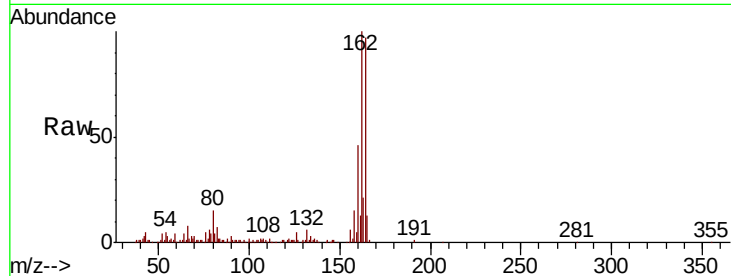
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.5	125.3
160	47.1	36.5	54.7

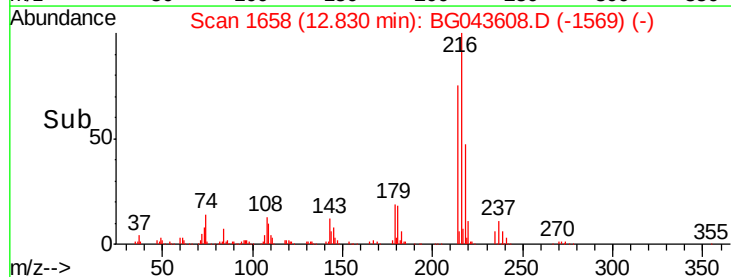
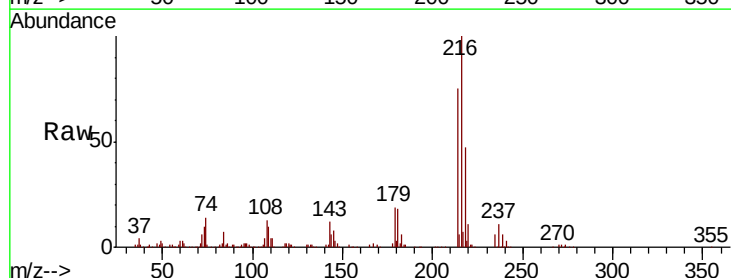
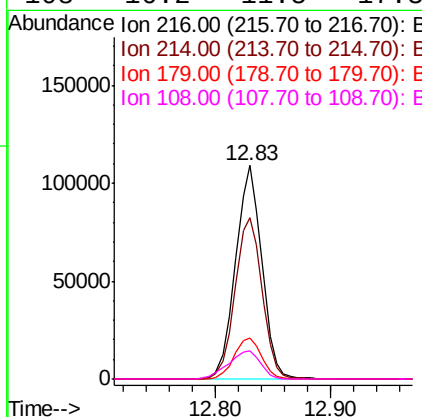
Manual Integrations
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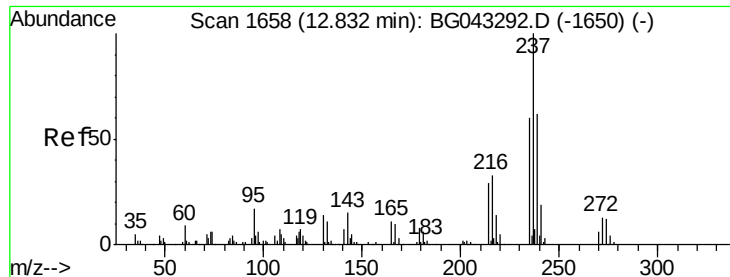
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.102 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.7	92.5
179	20.1	15.8	23.8
108	16.2	11.5	17.3





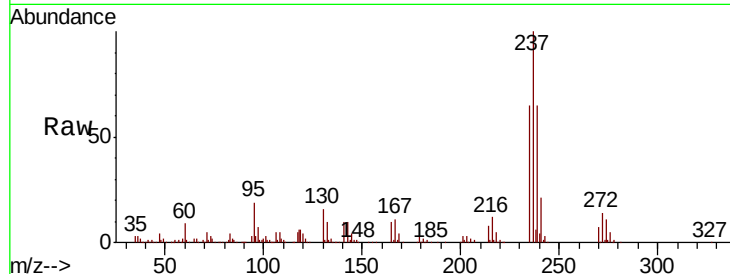
#41
Hexachlorocyclopentadiene
Concen: 68.046 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

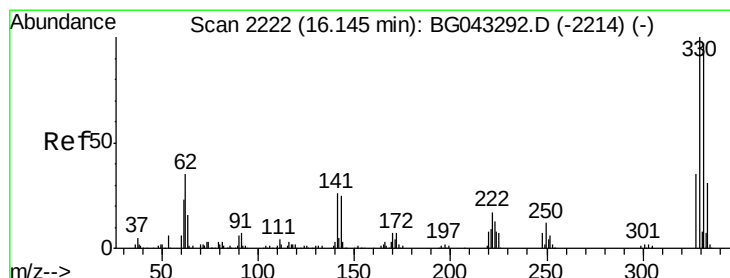
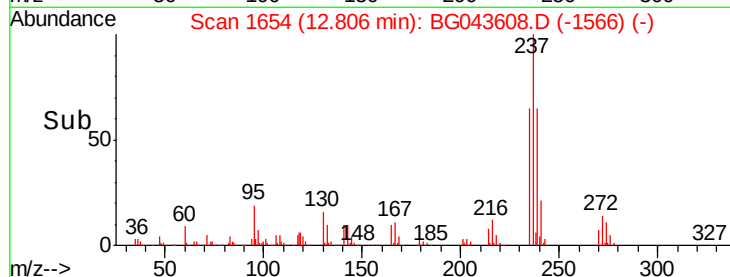
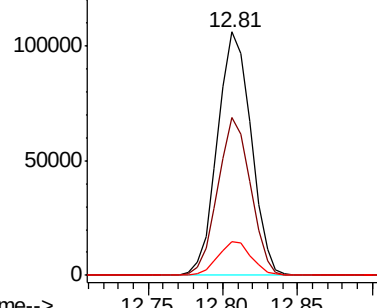
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.8	41.6	81.6
272	13.7	0.0	32.5

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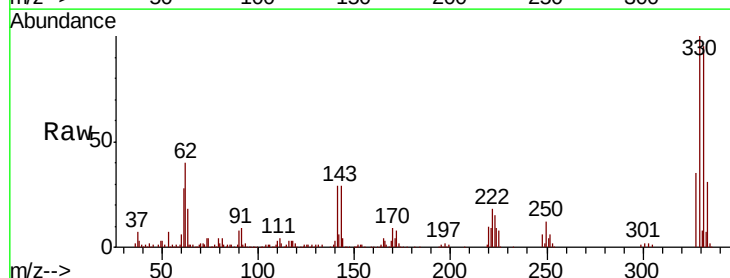


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

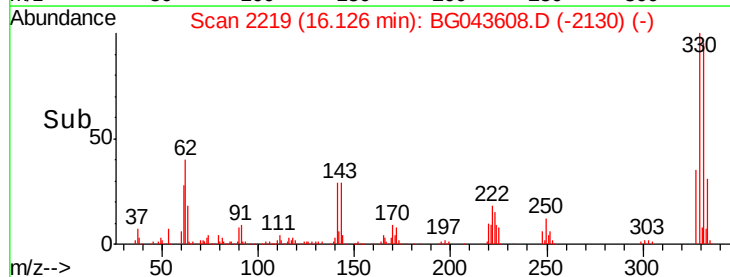
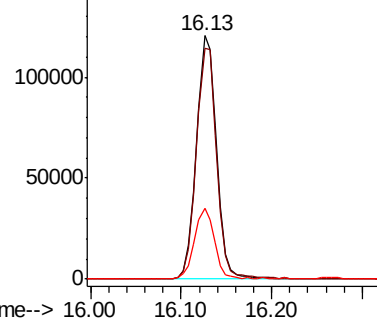


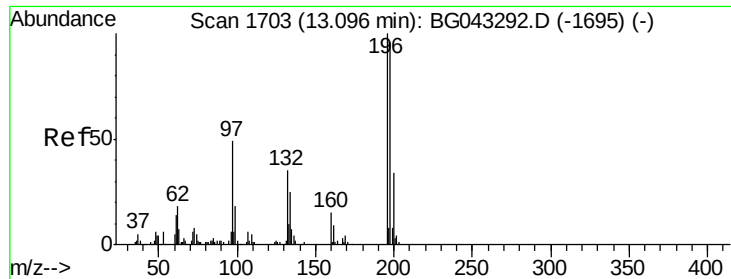
#42
2,4,6-Tribromophenol
Concen: 77.594 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	77.4	116.0
141	28.9	22.8	34.2



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





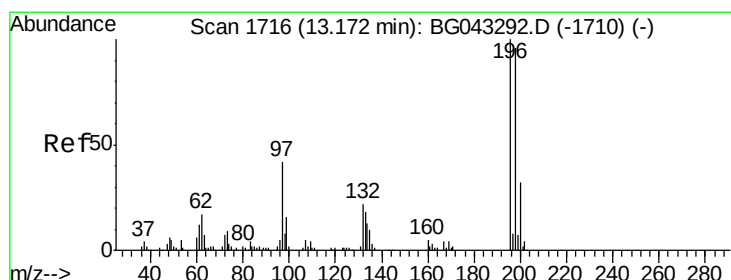
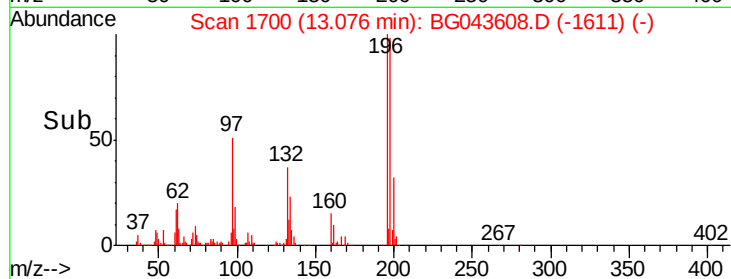
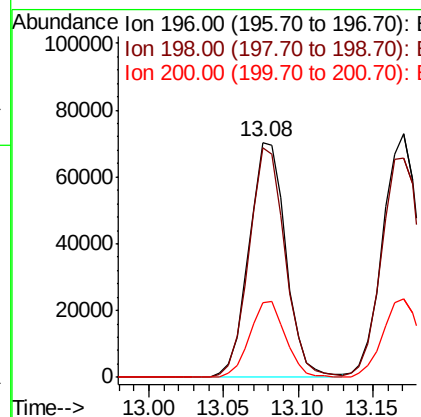
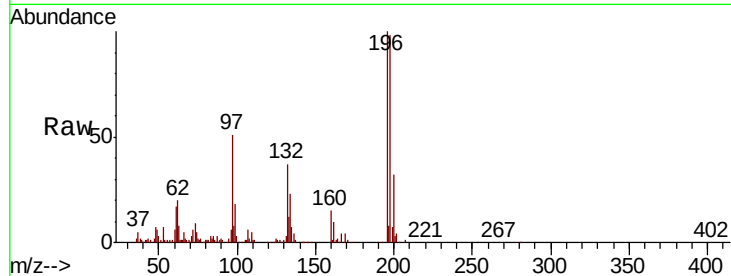
#43
 2,4,6-Trichlorophenol
 Concen: 43.891 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119541		
198	97.7	75.8	113.6	
200	31.6	23.9	35.9	

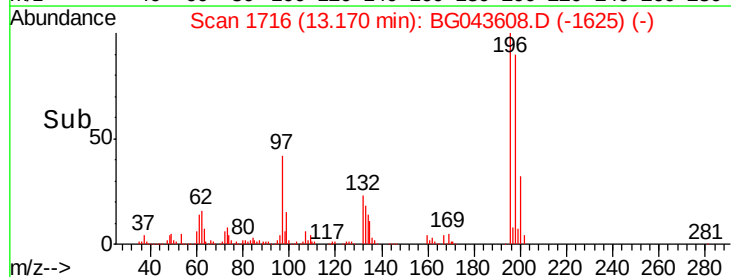
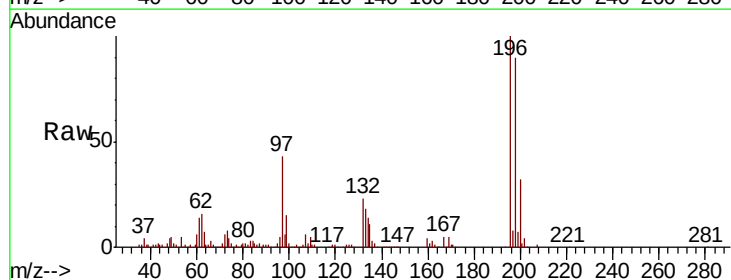
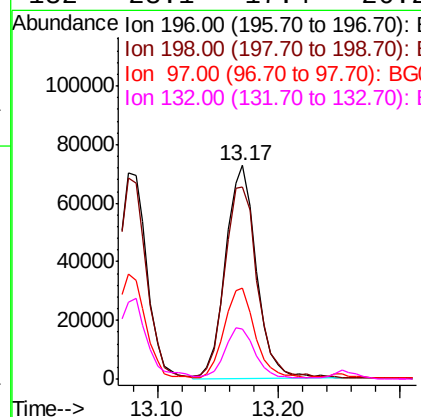
Manual Integrations
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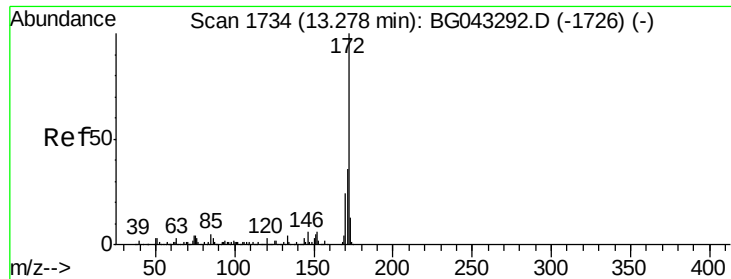
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#44
 2,4,5-Trichlorophenol
 Concen: 46.375 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127694		
198	90.0	74.5	111.7	
97	42.5	36.3	54.5	
132	23.1	17.4	26.2	





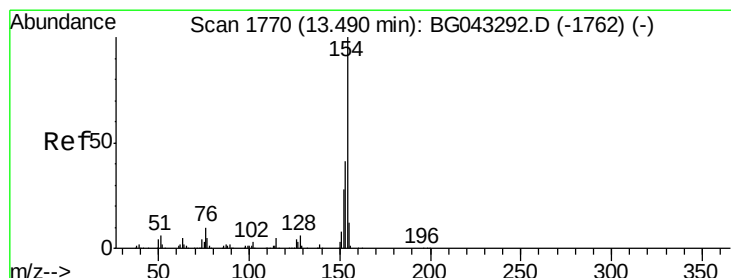
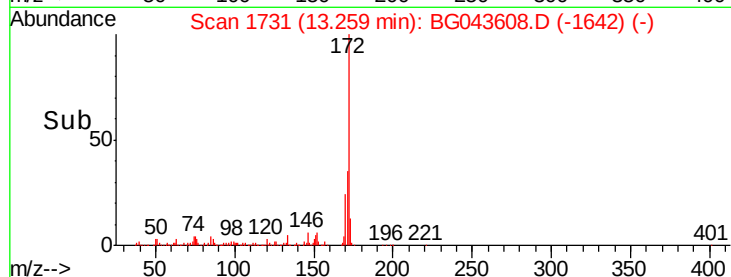
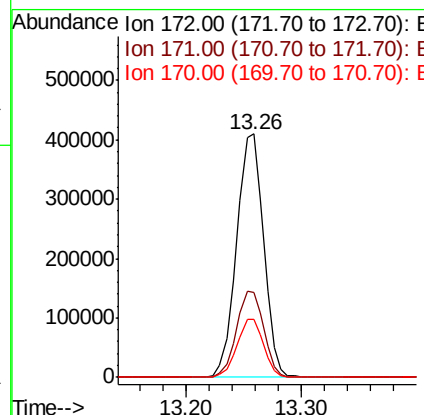
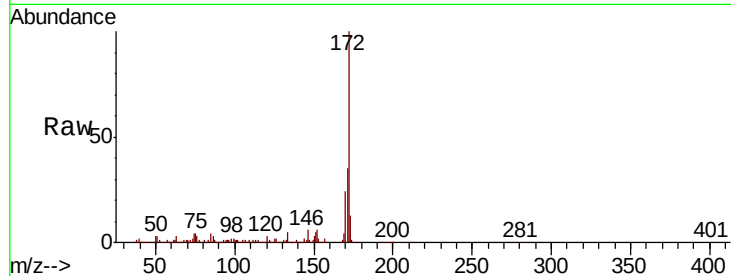
#45
2-Fluorobiphenyl
Concen: 73.548 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.9	18.5	27.7

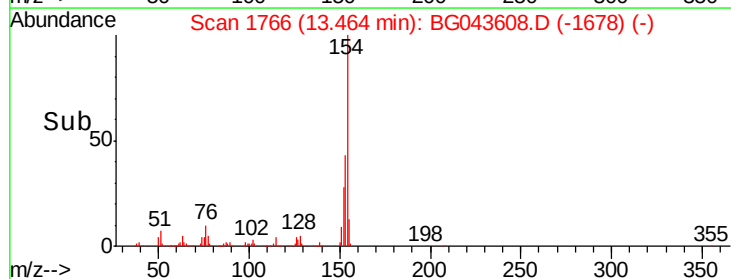
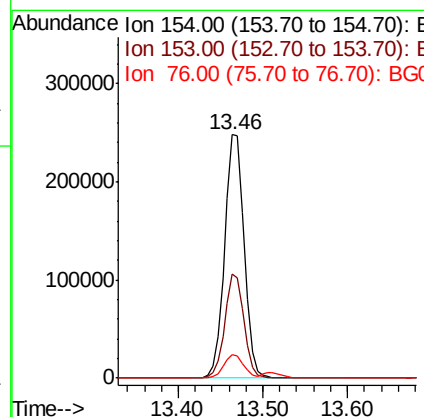
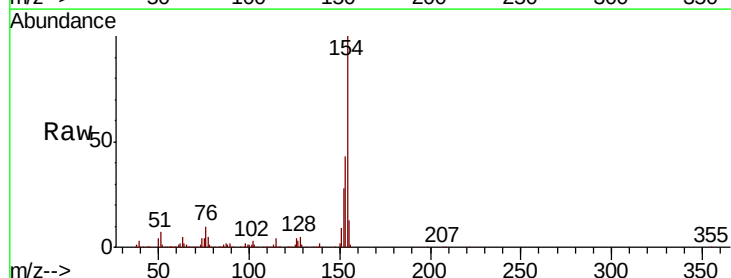
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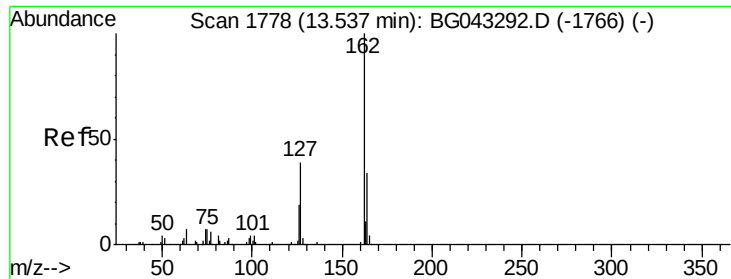
mohammad
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#46
1,1'-Biphenyl
Concen: 41.910 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.9	59.9
76	9.8	0.0	29.4





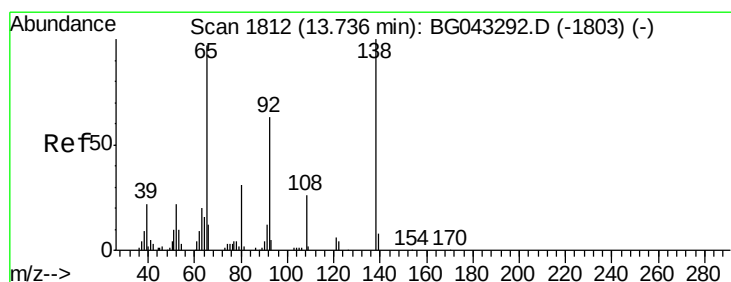
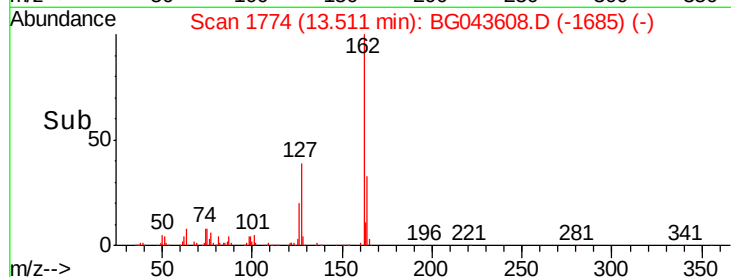
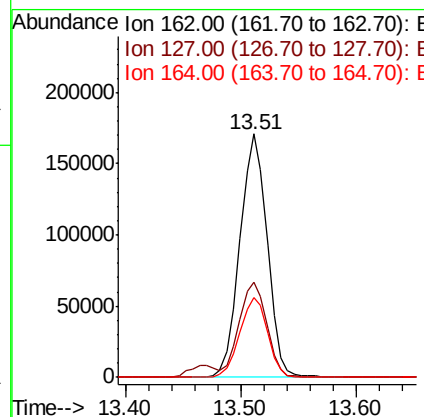
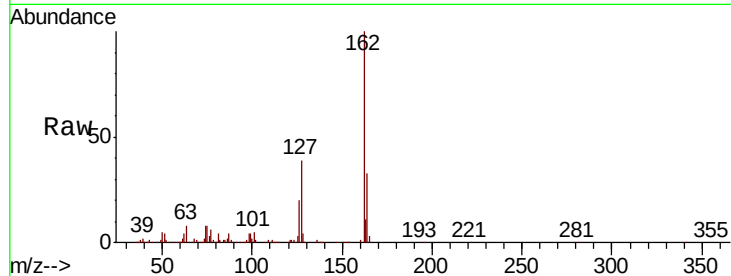
#47
 2-Chloronaphthalene
 Concen: 38.614 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		279313		
127	39.1	31.2	46.8		
164	32.9	25.8	38.8		

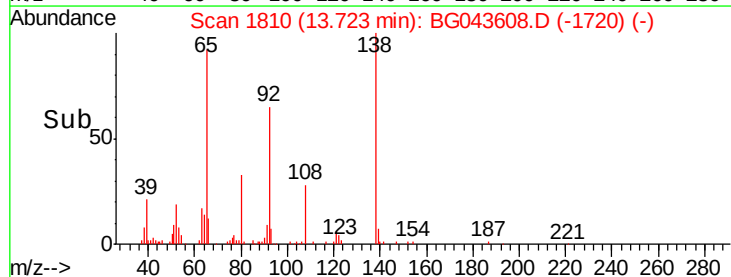
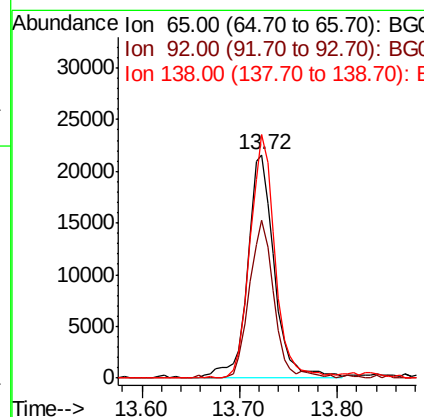
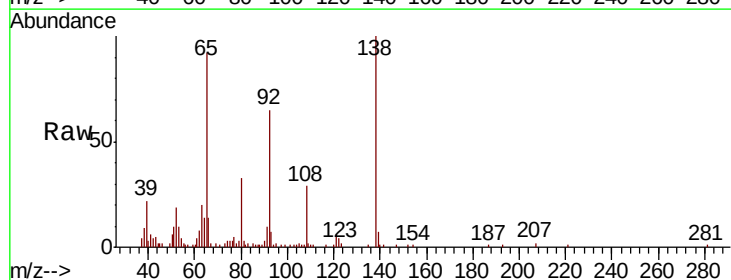
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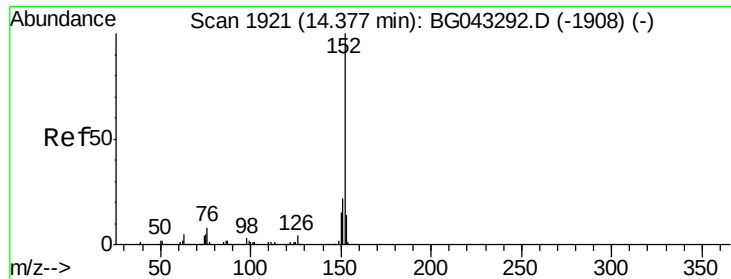
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#48
 2-Nitroaniline
 Concen: 19.141 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		41382		
92	70.5	56.2	84.2		
138	108.8	82.6	123.8		





#49

Acenaphthylene

Concen: 39.929 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

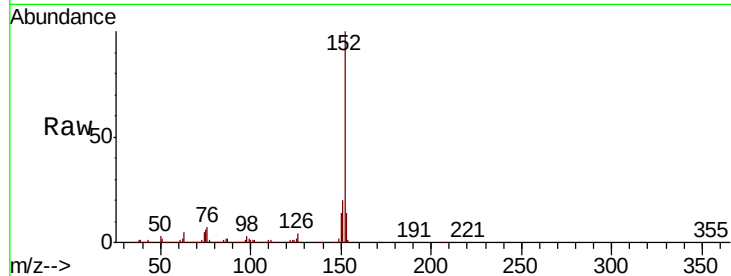
ClientSampleId :

HP-640-XMS

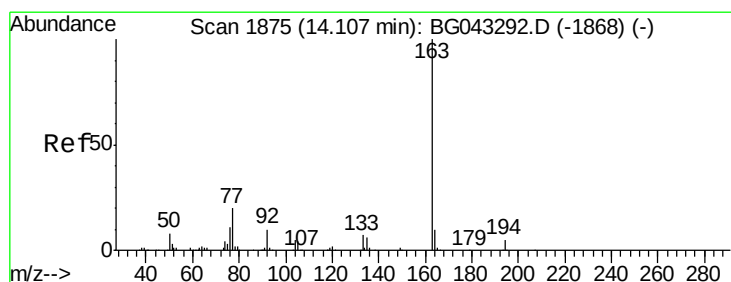
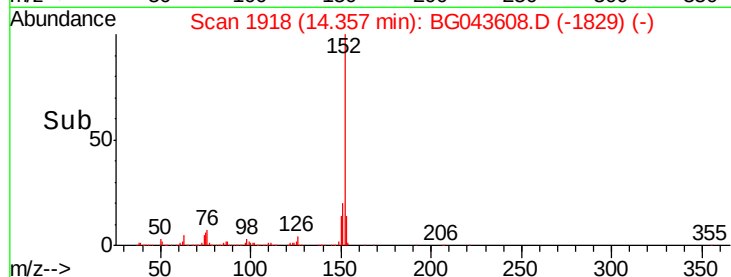
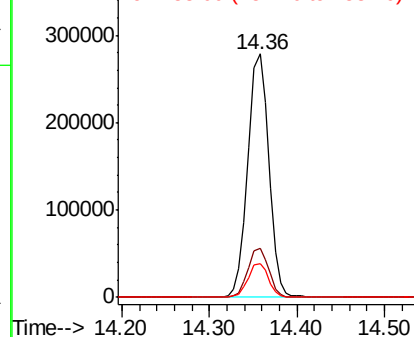
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.6	10.6	15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.899 ng

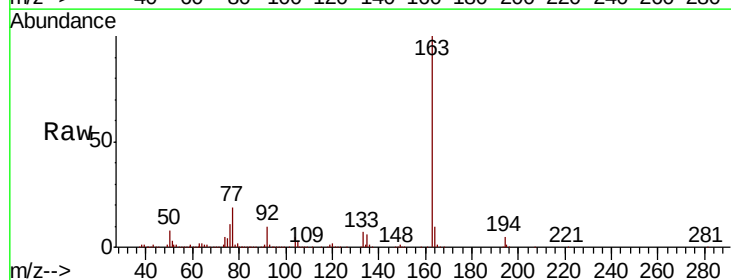
RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

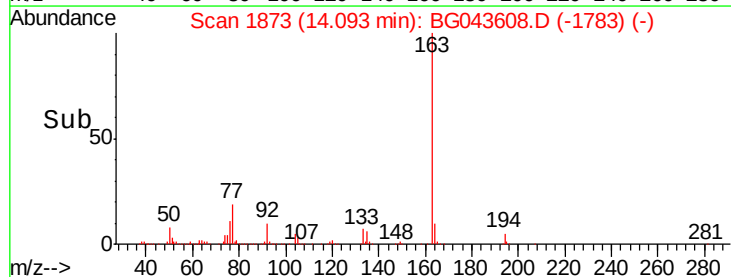
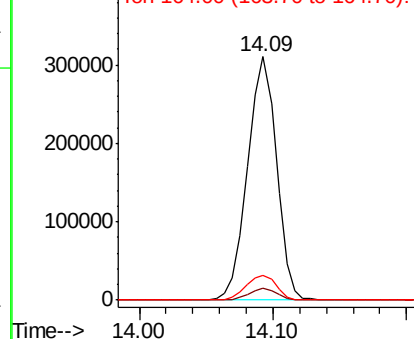
Lab File: BG043608.D

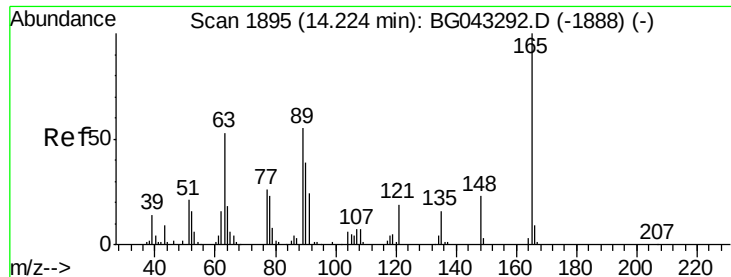
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.4	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





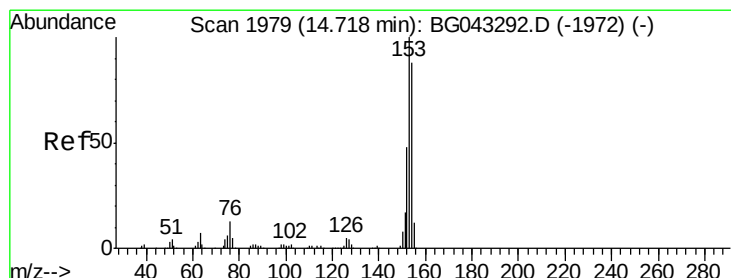
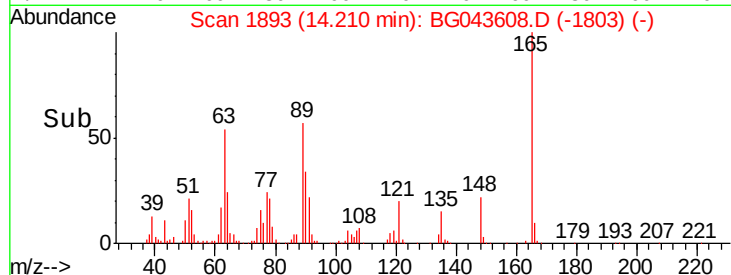
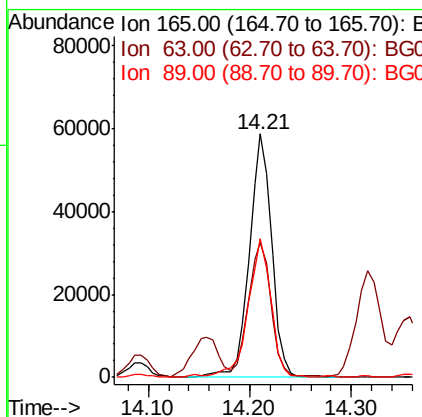
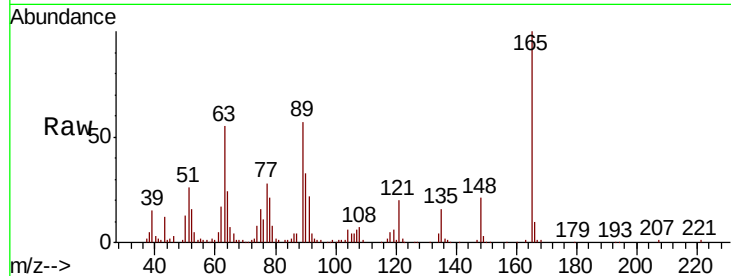
#51
2,6-Dinitrotoluene
Concen: 42.665 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	89718		
63	55.4	46.6	69.8	
89	57.0	45.1	67.7	

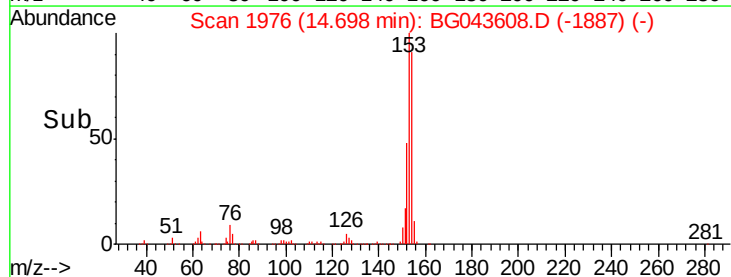
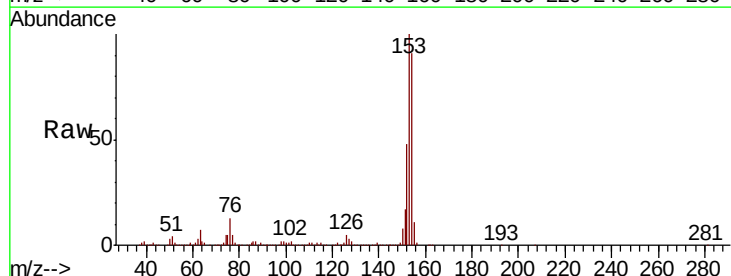
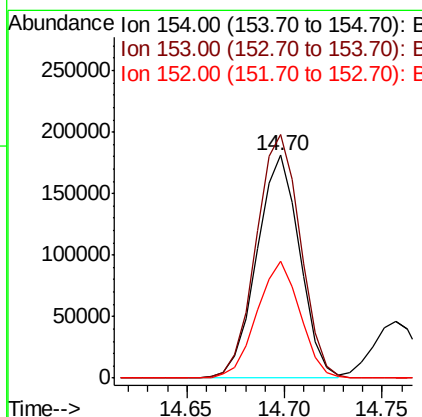
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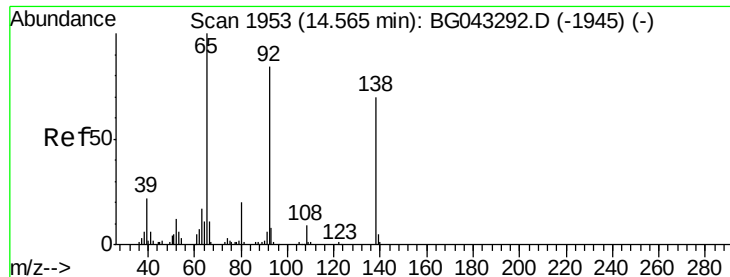
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#52
Acenaphthene
Concen: 40.133 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	275528		
153	109.4	88.2	132.2	
152	52.5	40.0	60.0	





#53

3-Nitroaniline

Concen: 6.366 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

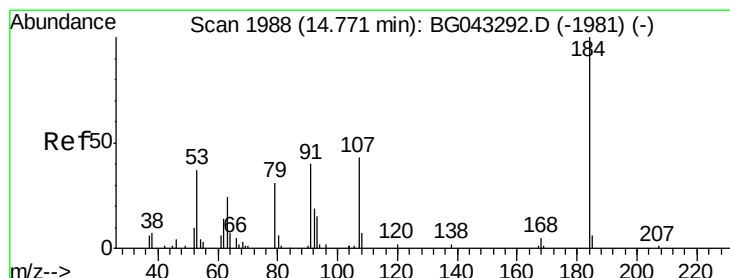
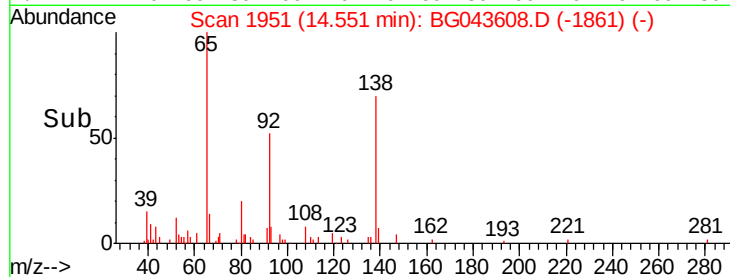
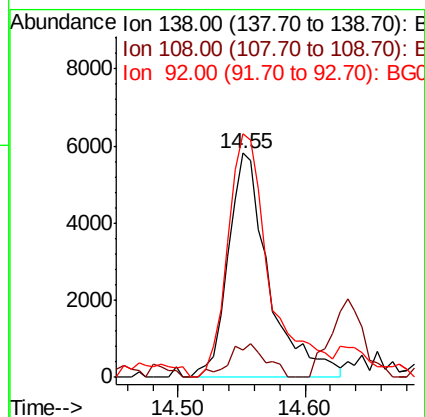
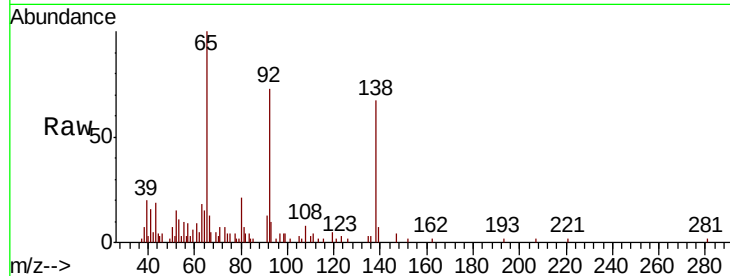
ClientSampleId :

HP-640-XMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.0	12.0#
92	108.5	90.9	136.3

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#54

2,4-Dinitrophenol

Concen: 88.543 ng

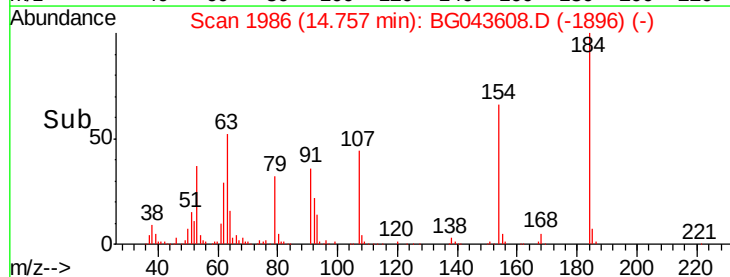
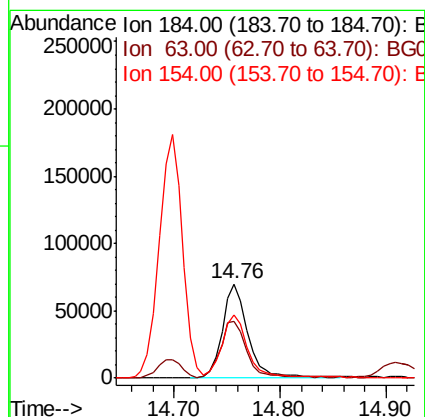
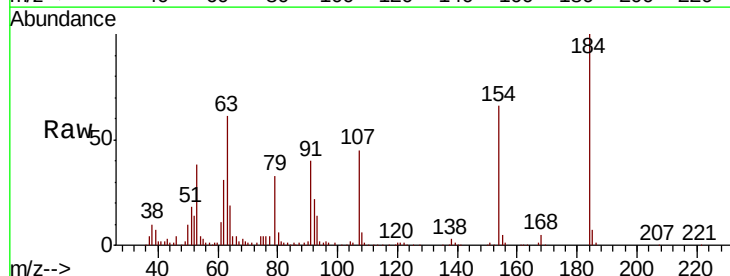
RT: 14.76 min Scan# 1986

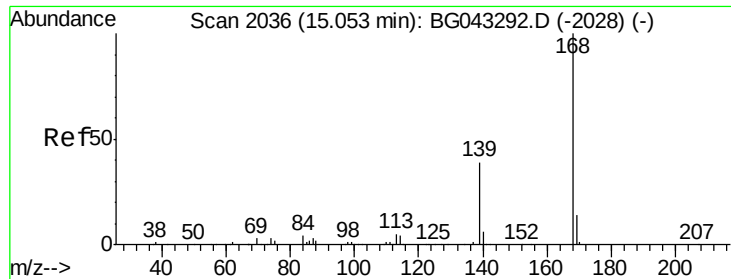
Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	51.3	76.9
154	66.5	55.4	83.0





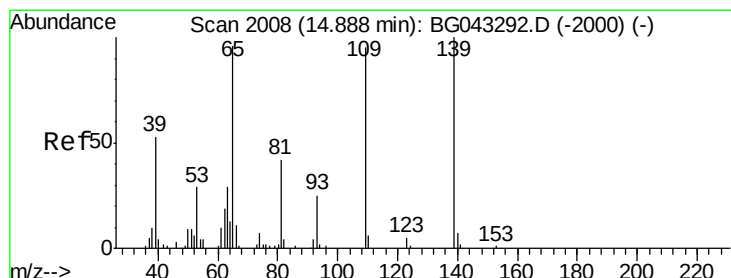
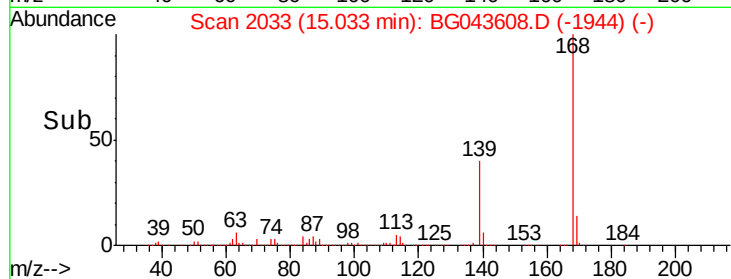
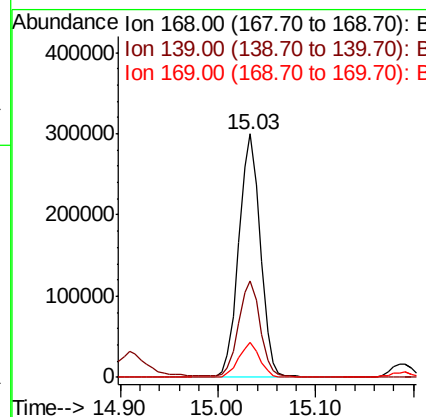
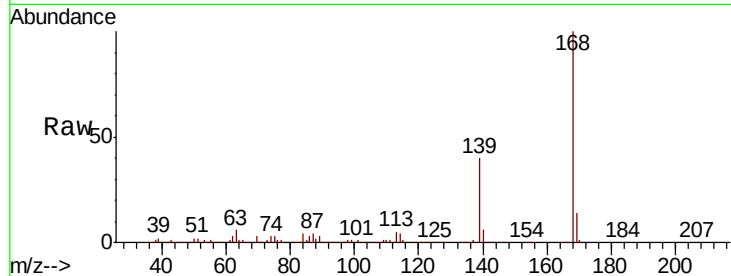
#55
Dibenzofuran
Concen: 41.293 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.0	46.6
169	14.4	11.7	17.5

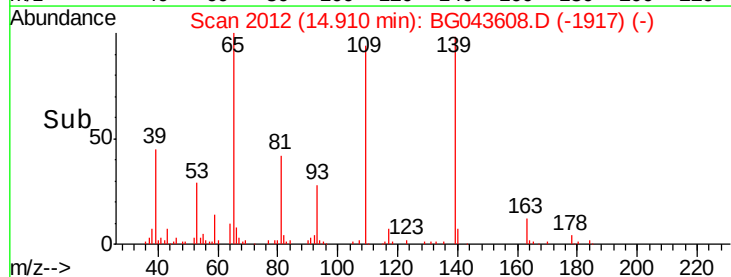
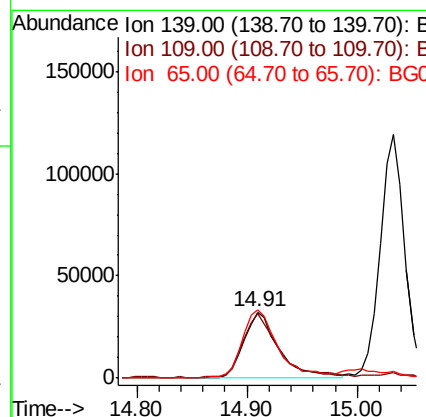
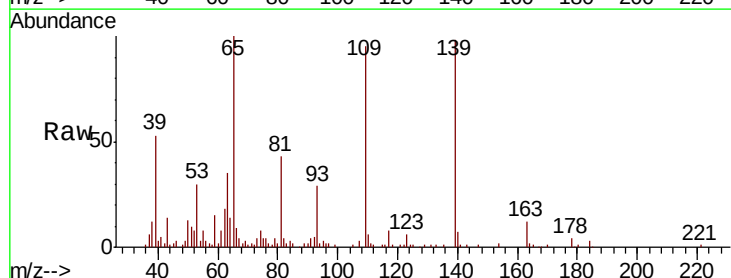
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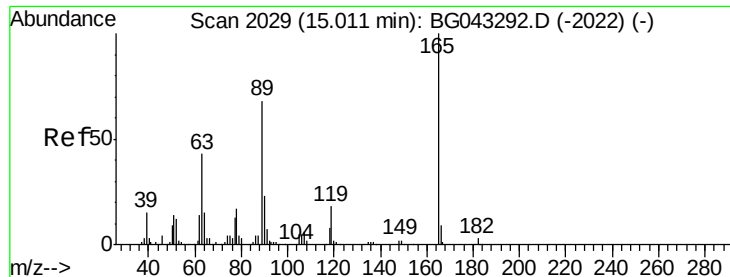
mohammad
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#56
4-Nitrophenol
Concen: 52.917 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	87.2	127.2
65	102.5	83.8	123.8





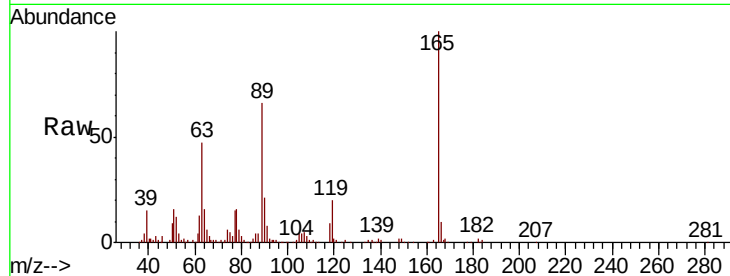
#57
2,4-Dinitrotoluene
Concen: 40.935 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		123017		
63	47.2	33.2	49.8		
89	66.1	52.2	78.4		
182	2.3	2.0	3.0		

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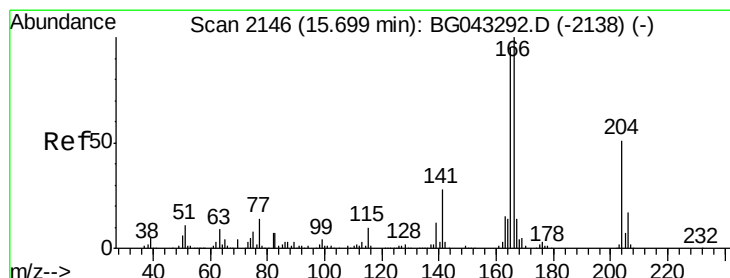
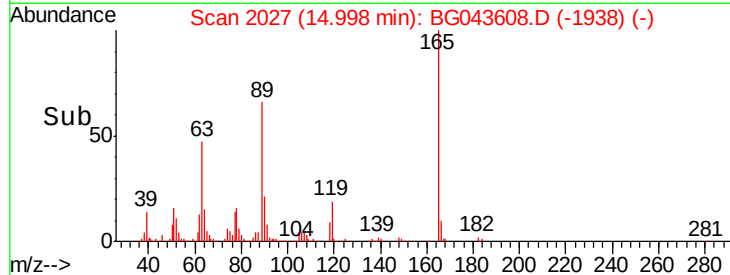
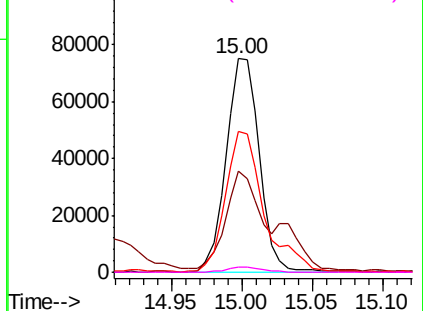
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

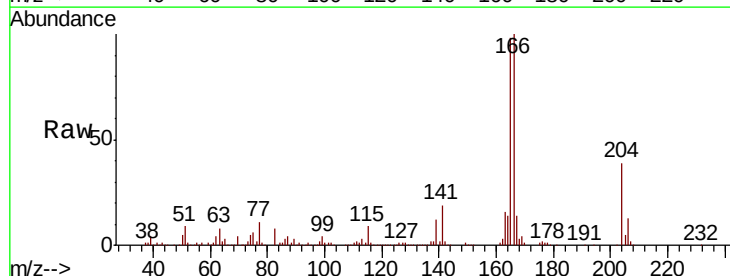
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.102 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		383796		
165	97.6	79.0	118.6		
167	13.7	10.5	15.7		

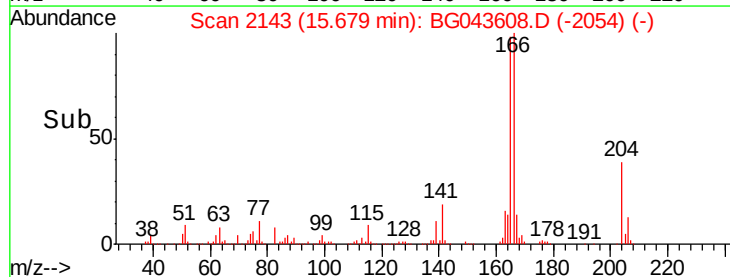
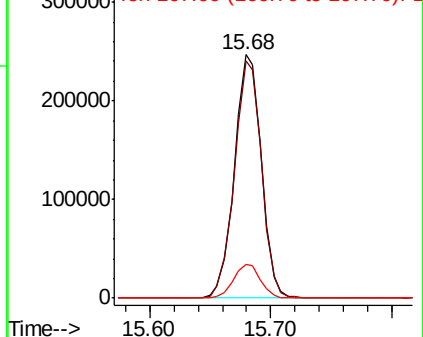


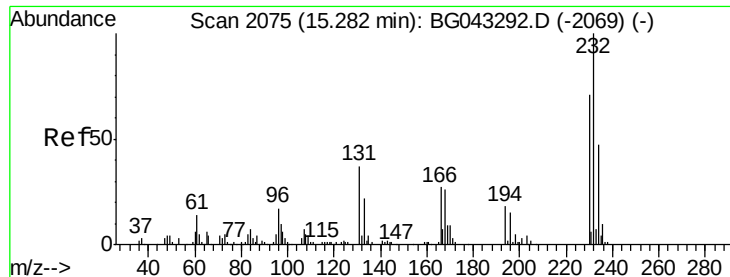
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.066 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

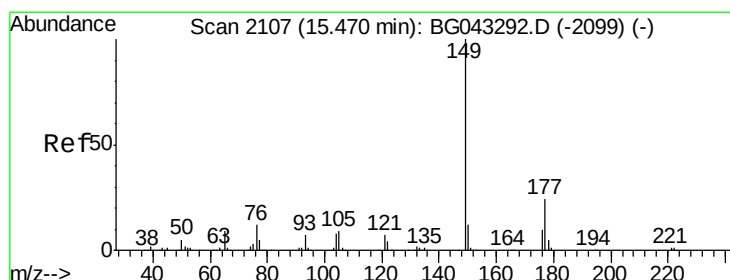
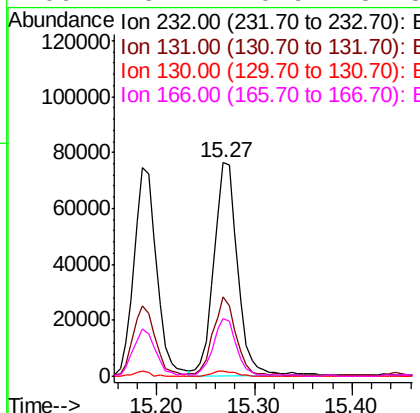
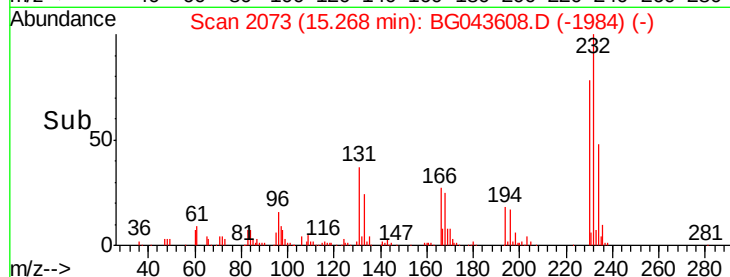
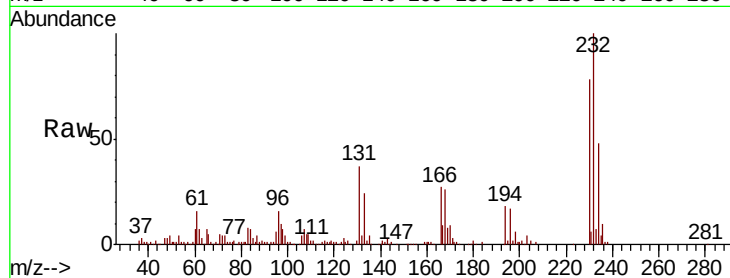
ClientSampleId :

HP-640-XMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		128915		
131	35.7	26.9	40.3		
130	2.3	1.8	2.6		
166	25.7	20.9	31.3		

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#60

Diethylphthalate

Concen: 41.763 ng

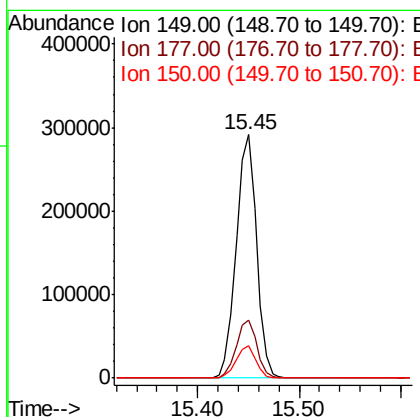
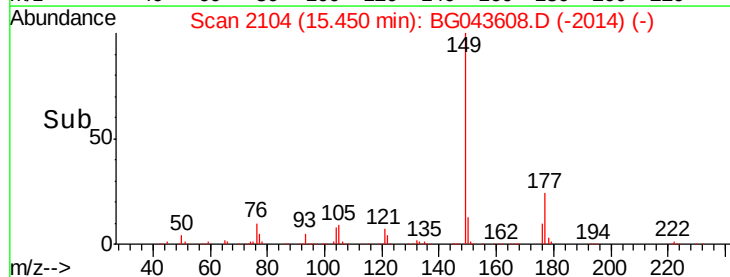
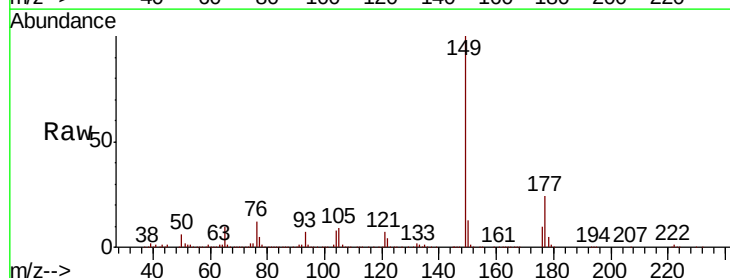
RT: 15.45 min Scan# 2104

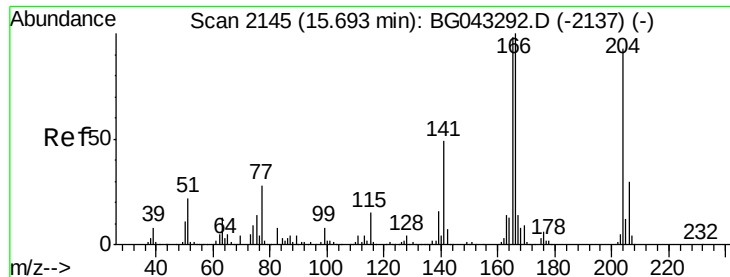
Delta R.T. -0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		406181		
177	24.0	19.6	29.4		
150	13.4	10.8	16.2		





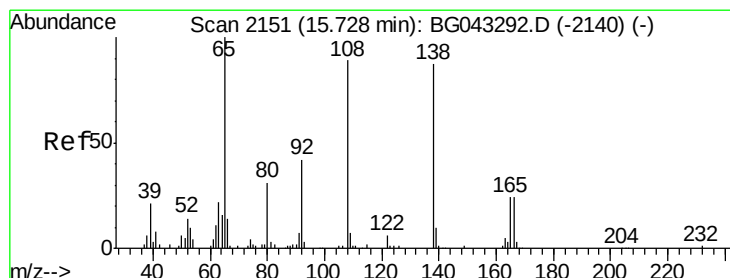
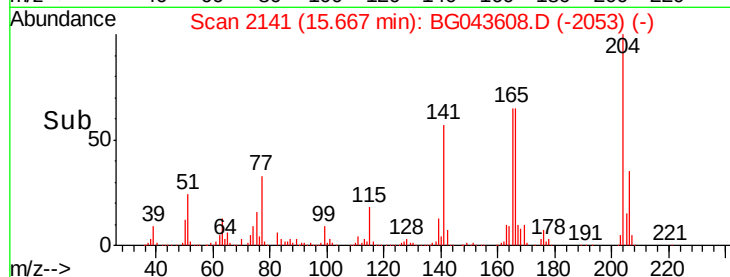
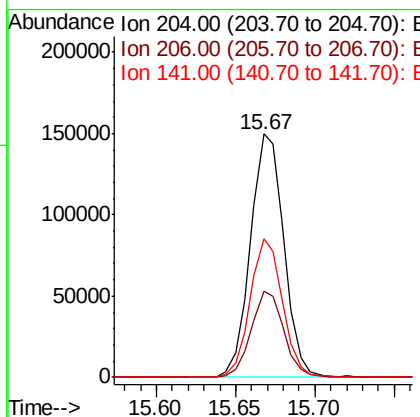
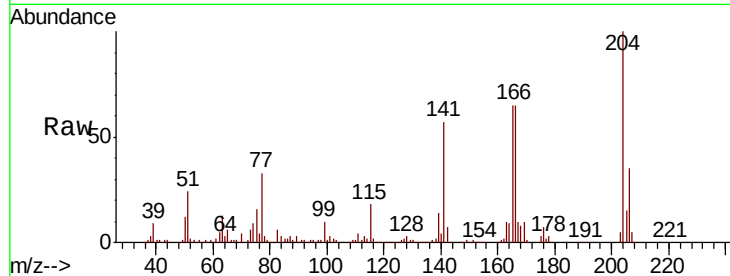
#61
4-Chlorophenyl-phenylether
Concen: 40.227 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampled :
HP-640-XMS

Tot Ion:	204	Resp:	219131
Ion Ratio	Lower	Upper	
204	100		
206	35.3	28.4	42.6
141	56.8	43.0	64.6

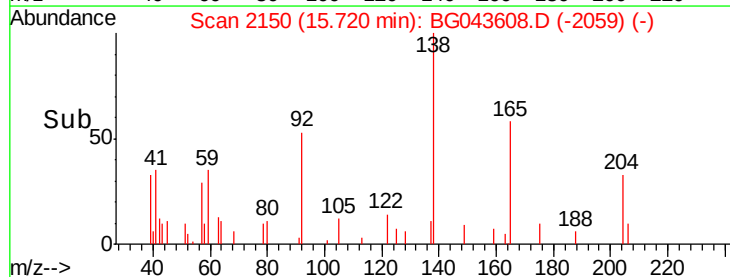
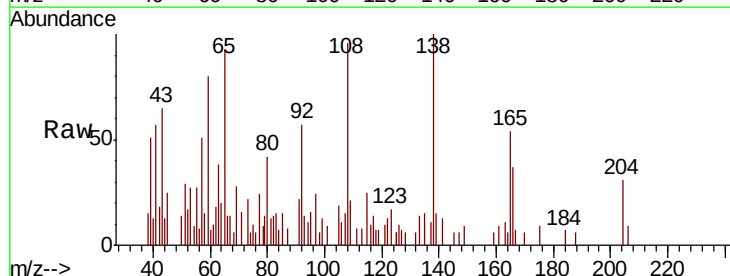
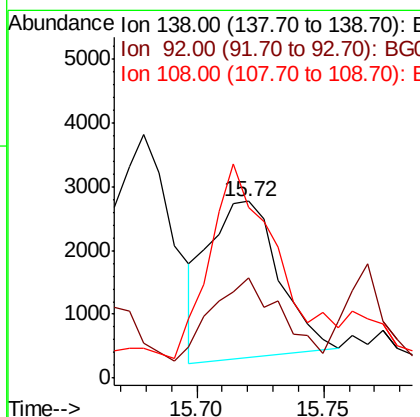
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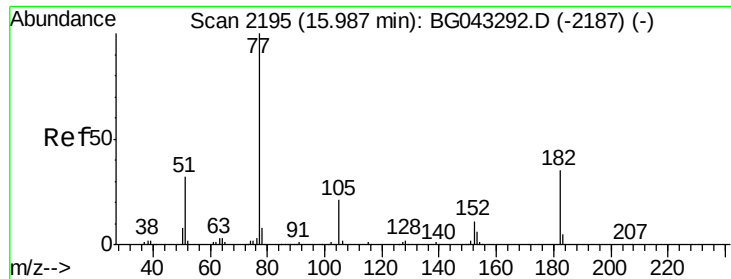
mohammad
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#62
4-Nitroaniline
Concen: 2.252 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion:	138	Resp:	4722
Ion Ratio	Lower	Upper	
138	100		
92	57.0	33.4	73.4
108	96.3	78.0	118.0





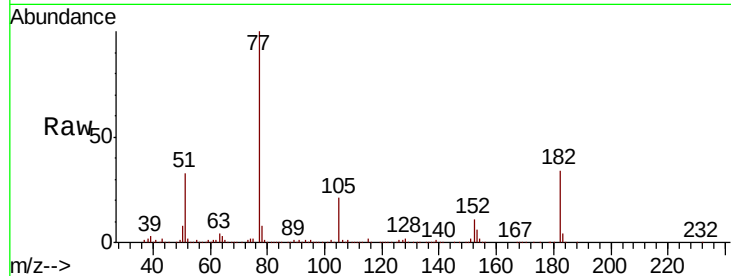
#63
Azobenzene
Concen: 41.396 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

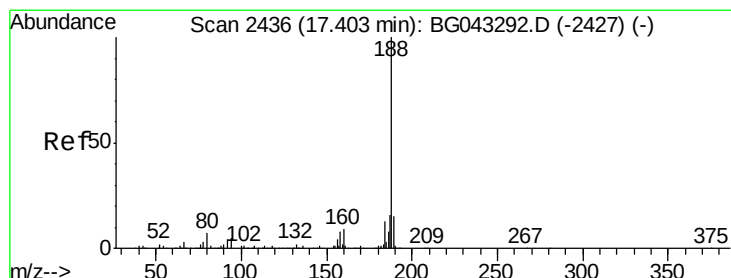
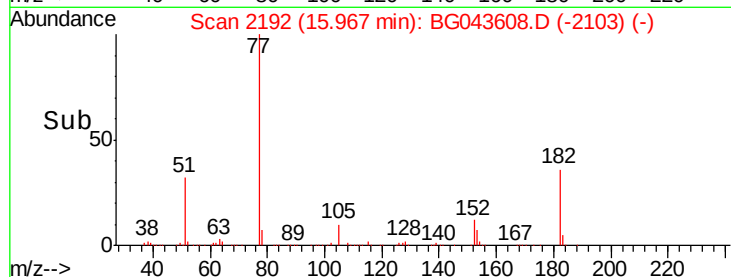
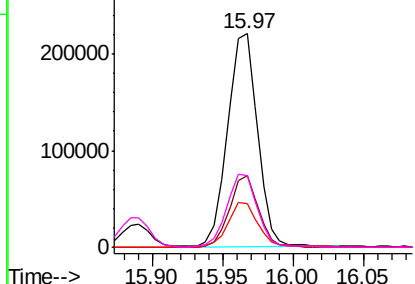
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		325836		
182	33.6	13.7	53.7		
105	20.6	0.4	40.4		
51	33.4	11.0	51.0		

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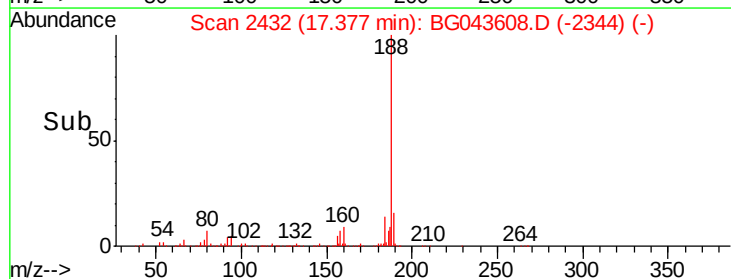
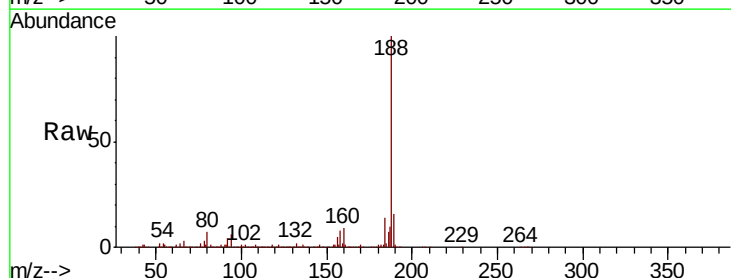
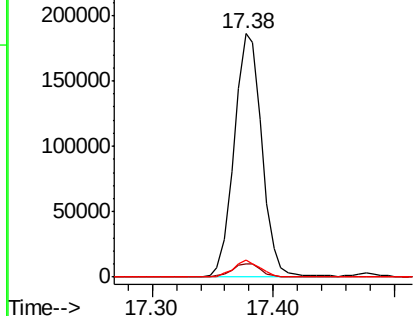
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

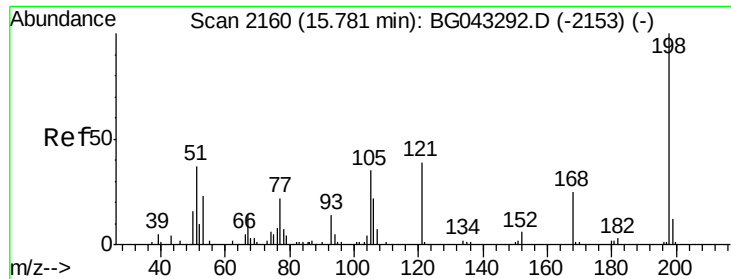


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298094		
94	5.6	4.2	6.4		
80	7.1	4.5	6.7#		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





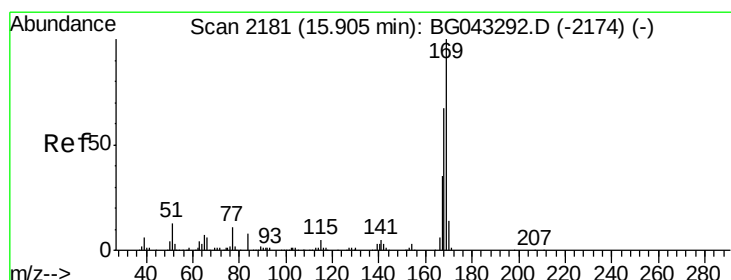
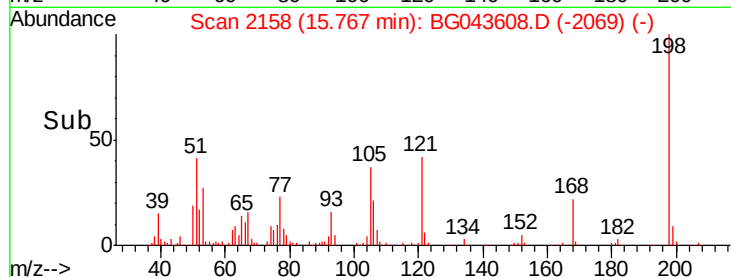
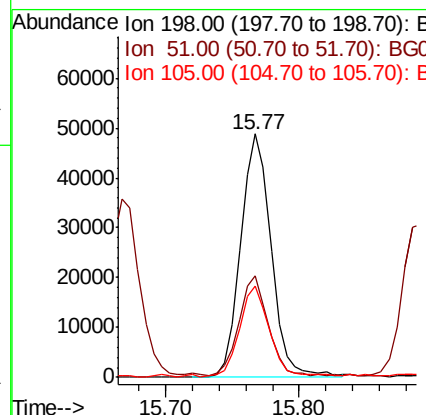
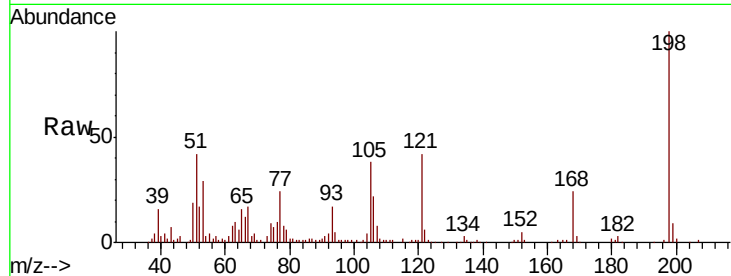
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.047 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	13.2	53.2
105	37.7	15.8	55.8

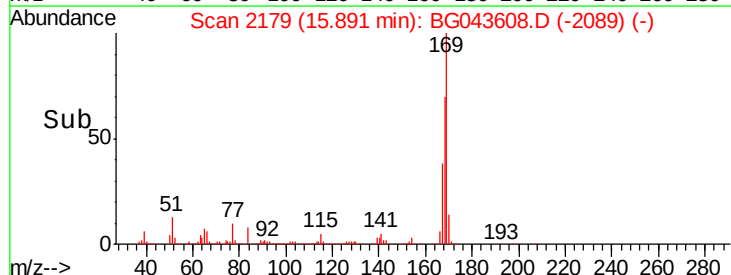
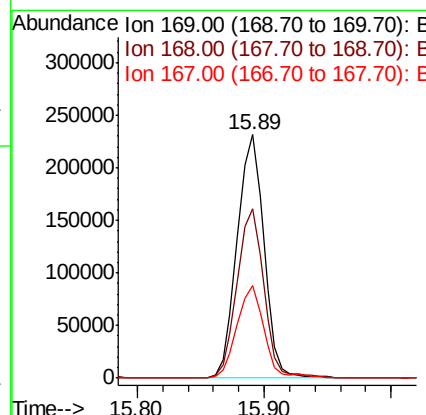
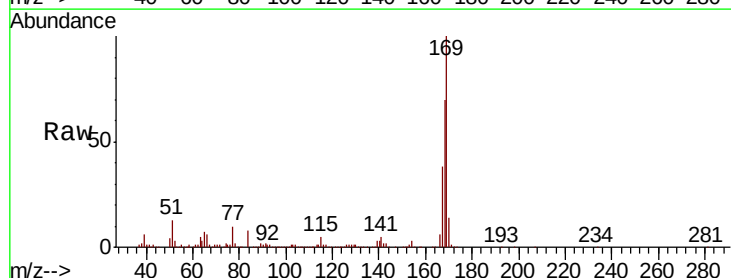
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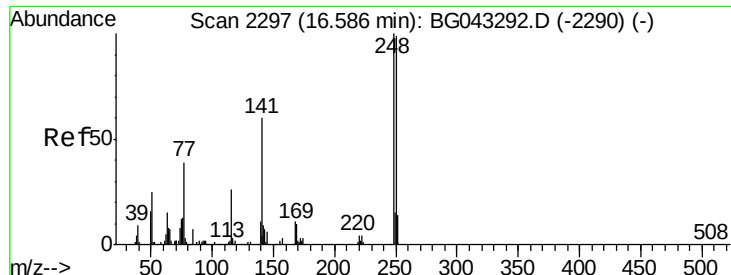
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#66
 n-Nitrosodiphenylamine
 Concen: 40.241 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	53.8	80.6
167	38.0	27.5	41.3





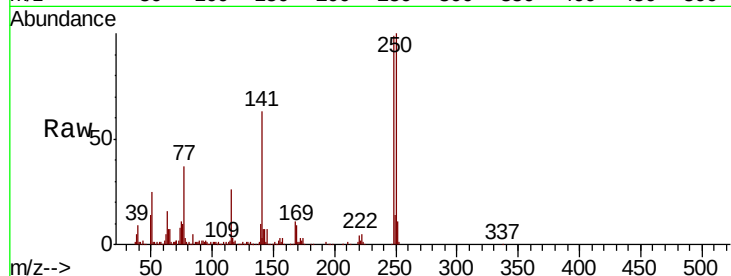
#67
4-Bromophenyl-phenylether
Concen: 39.079 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampled :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.6	77.0	115.4
141	63.5	47.5	71.3

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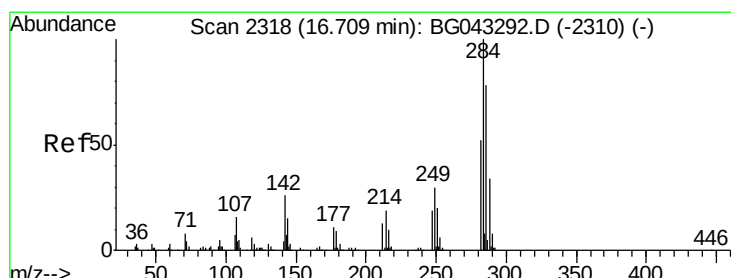
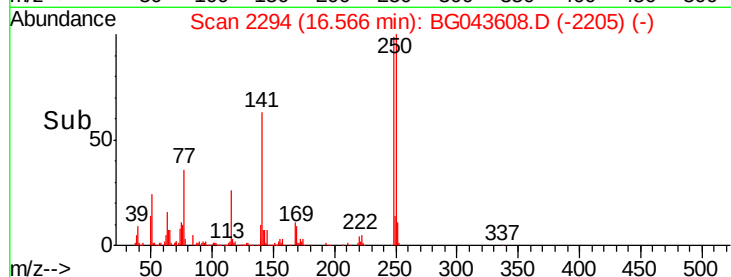
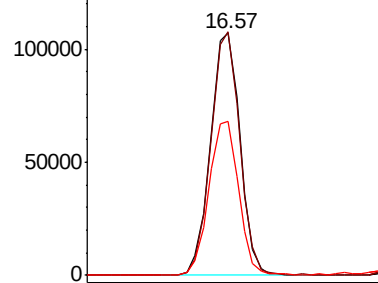


Abundance

Ion 248.00 (247.70 to 248.70): E

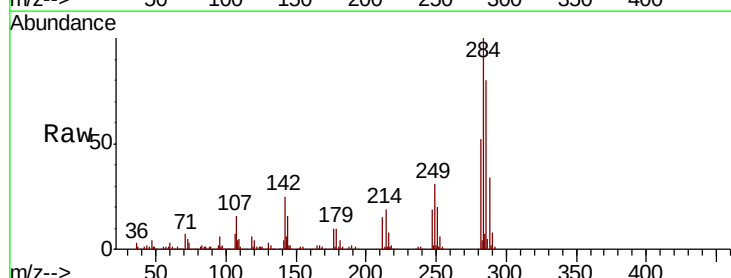
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.036 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	19.8	29.8
249	30.6	23.8	35.6

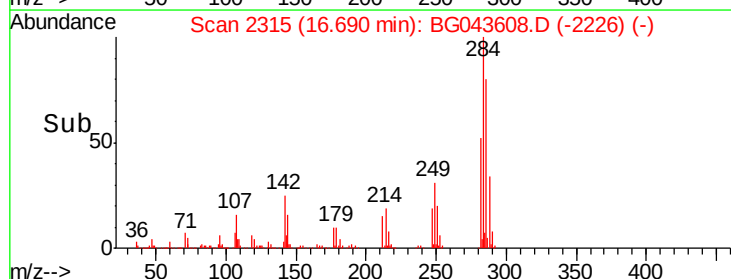
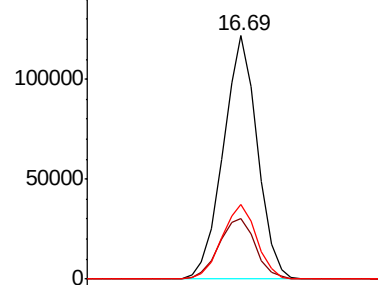


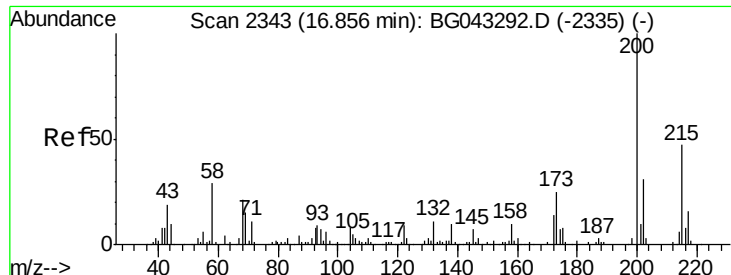
Abundance

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





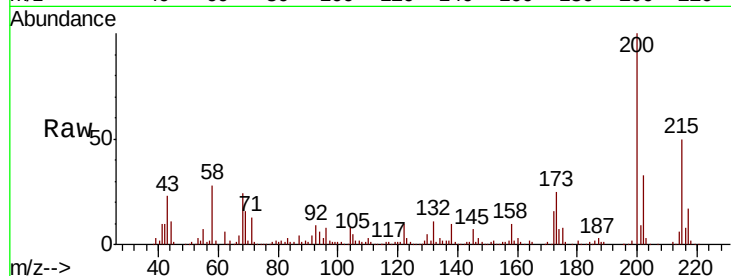
#69
Atrazine
Concen: 47.654 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

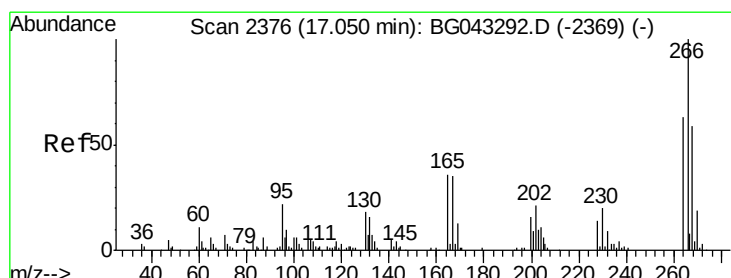
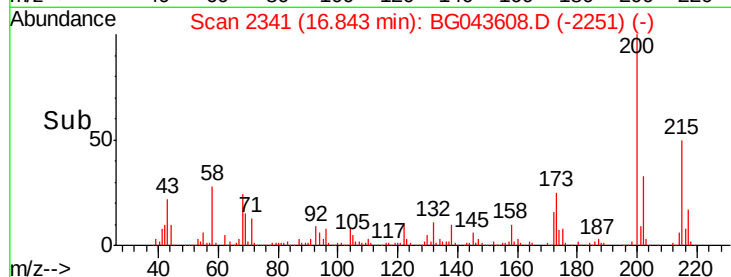
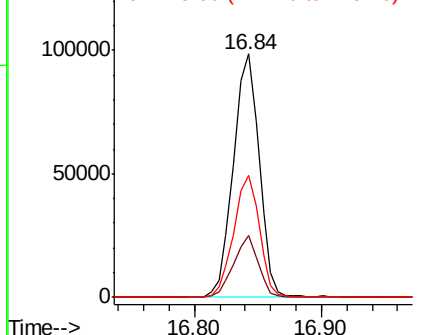
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.2	4.7	44.7
215	50.1	28.5	68.5

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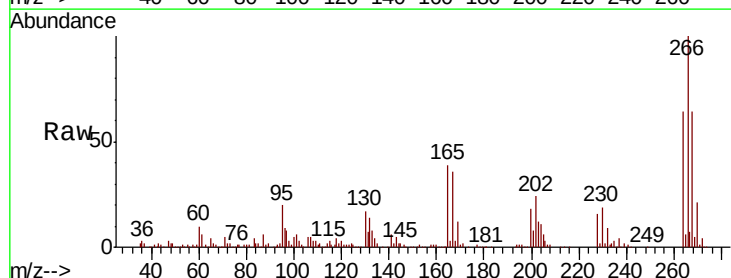


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

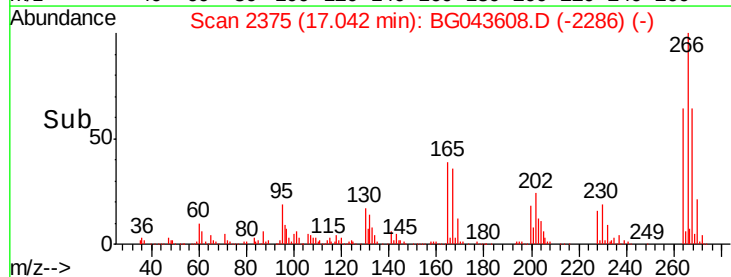
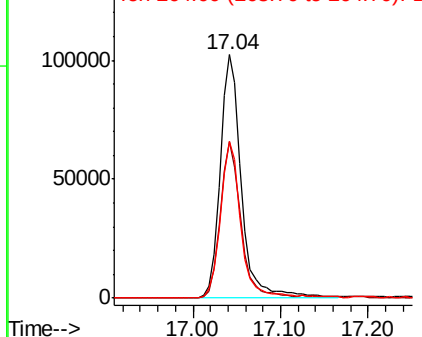


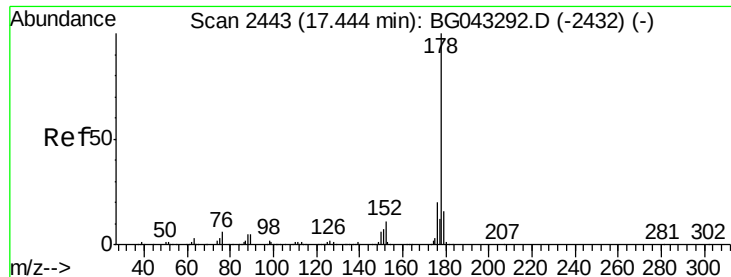
#70
Pentachlorophenol
Concen: 81.823 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	50.4	75.6
264	64.1	48.9	73.3



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





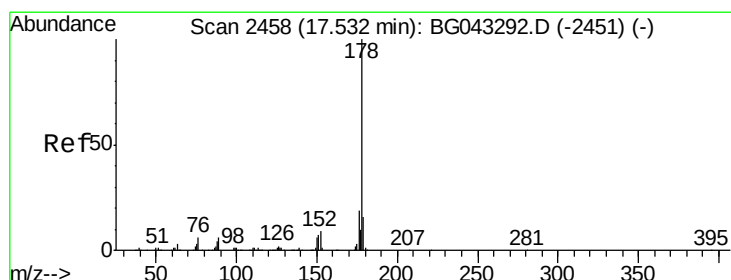
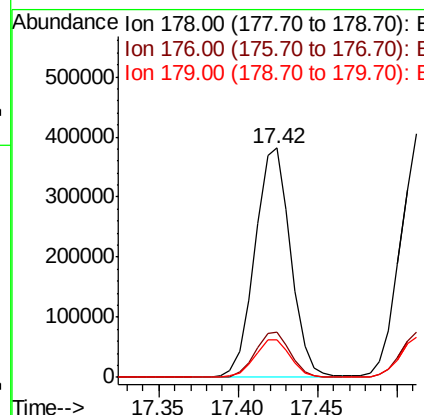
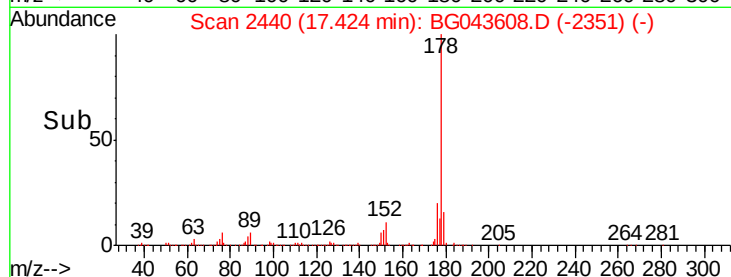
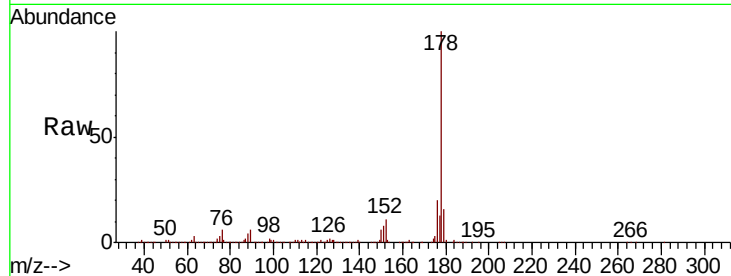
#71
Phenanthrene
Concen: 39.061 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.5	13.0	19.6

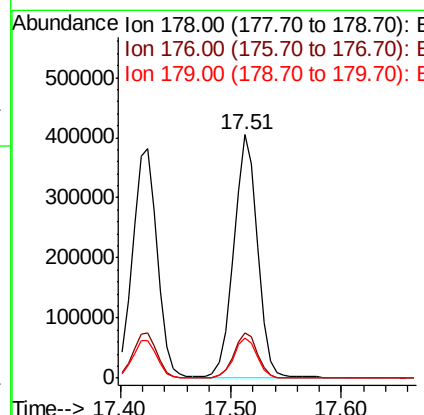
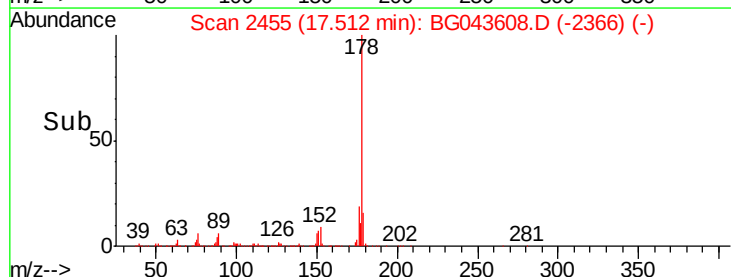
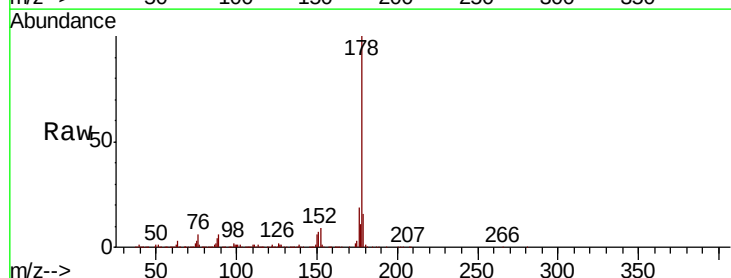
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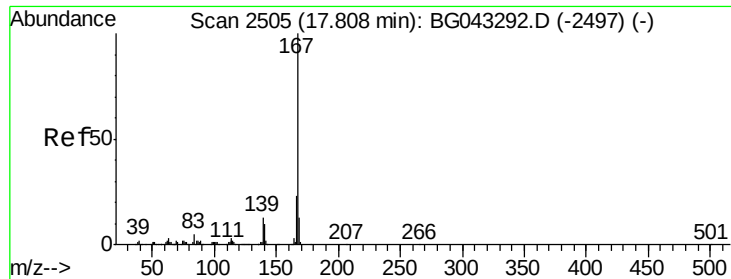
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#72
Anthracene
Concen: 40.082 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	16.3	13.7	20.5





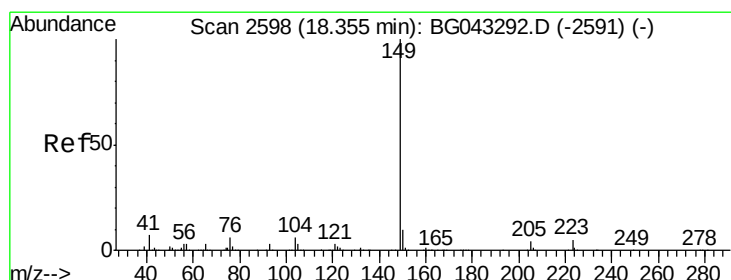
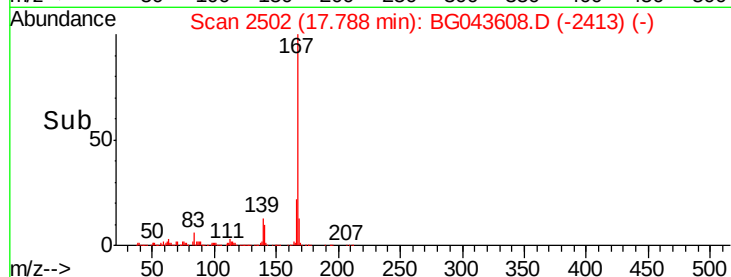
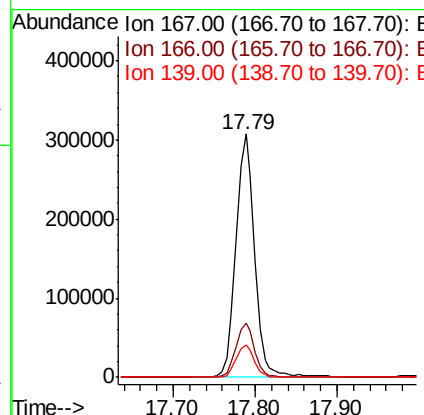
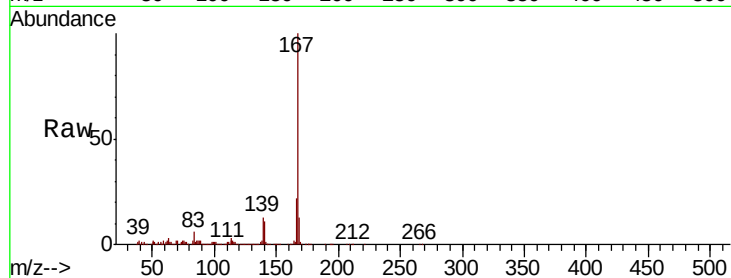
#73
 Carbazole
 Concen: 35.495 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion:	167	Resp:	490908
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.7	28.1
139	13.3	10.0	15.0

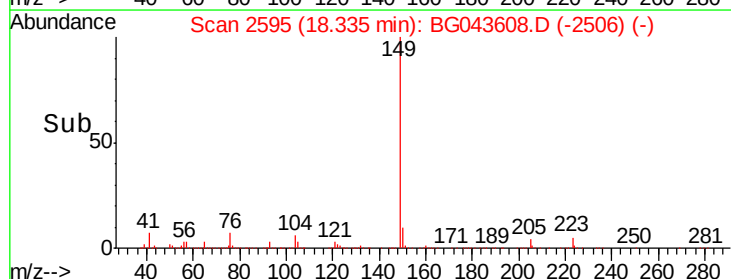
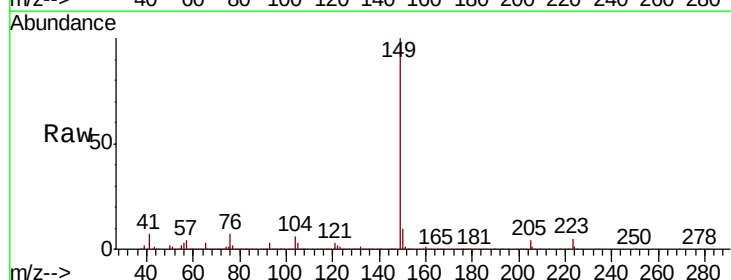
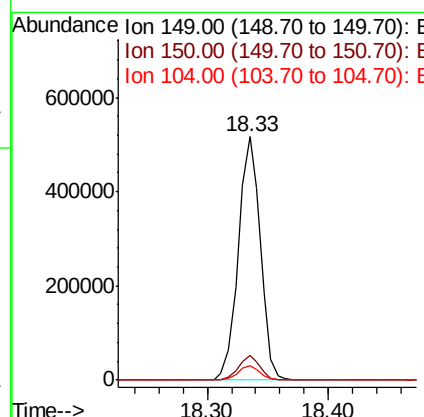
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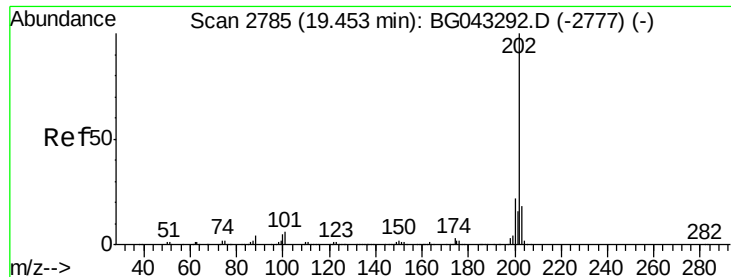
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#74
 Di-n-butylphthalate
 Concen: 39.225 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion:	149	Resp:	658245
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 34.027 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

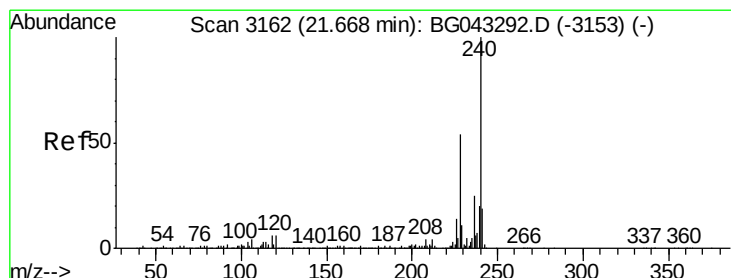
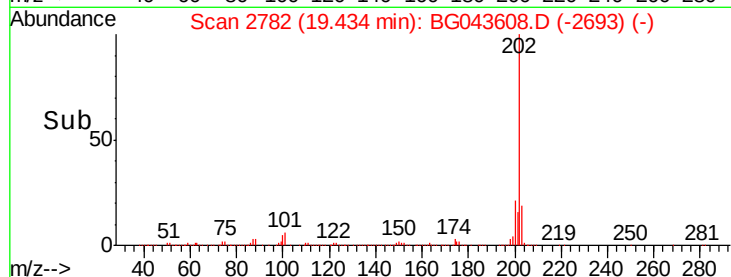
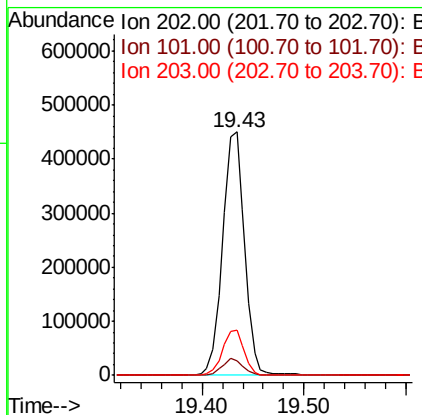
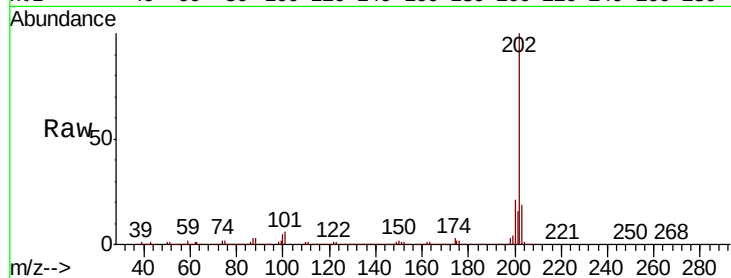
ClientSampleId :

HP-640-XMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		677161		
101	6.2	0.0	26.3		
203	18.5	0.0	37.9		

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#76

Chrysene-d12

Concen: 20.000 ng

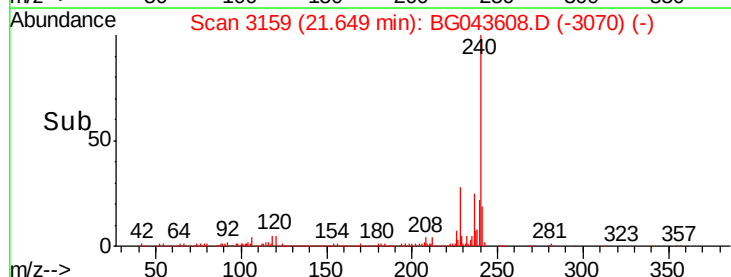
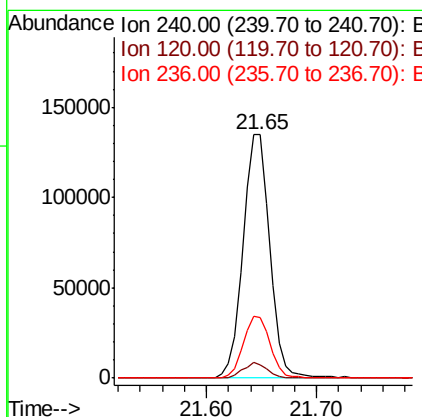
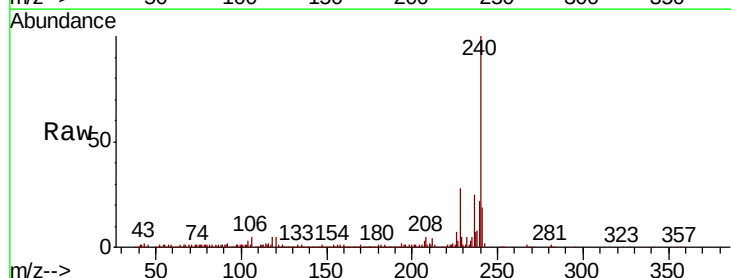
RT: 21.65 min Scan# 3159

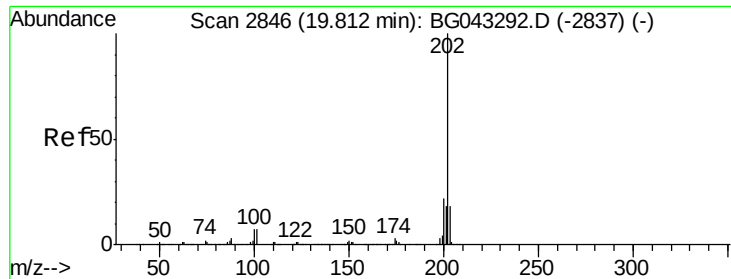
Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		229449		
120	5.3	4.6	6.8		
236	25.1	19.8	29.8		





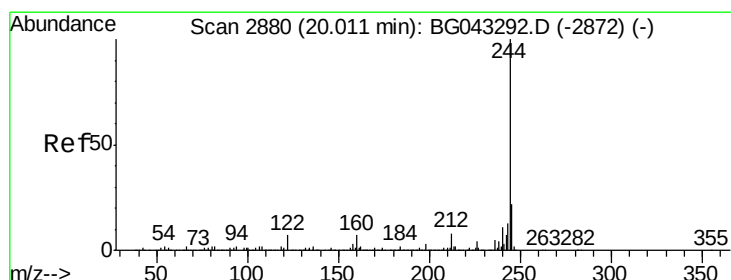
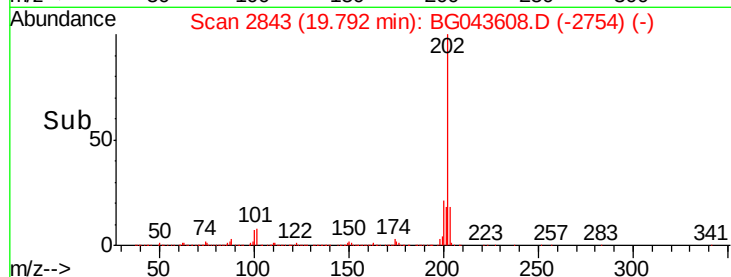
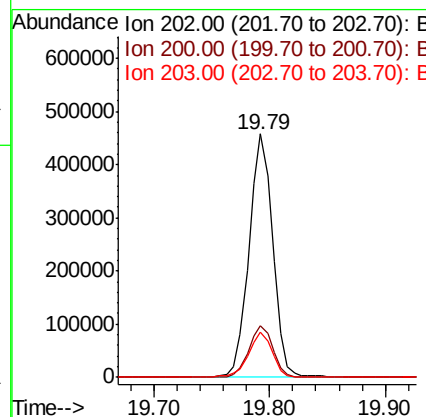
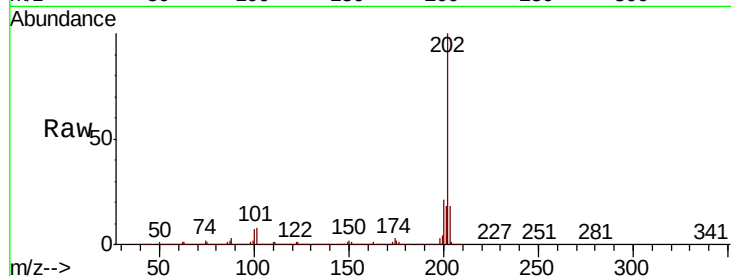
#78
Pvrene
Concen: 46.086 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.4	14.7	22.1

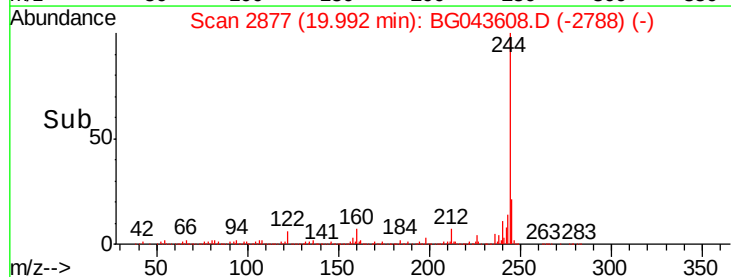
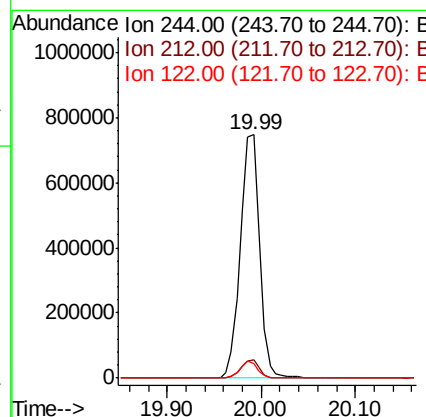
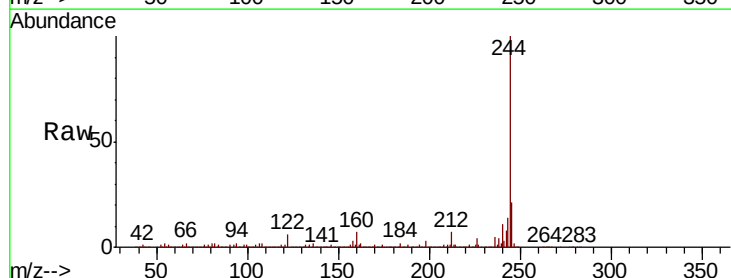
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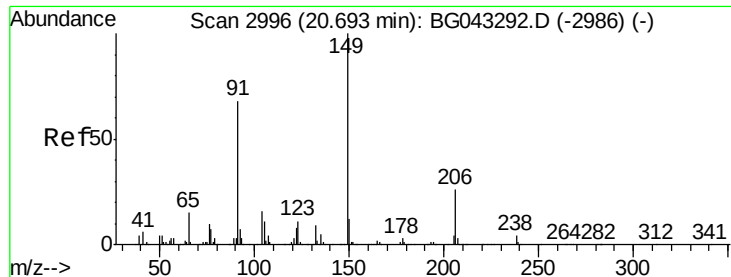
mohammad
11/12/2019 5:04:20 PM



#79
Terphenyl-d14
Concen: 87.231 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.1	5.4	8.2





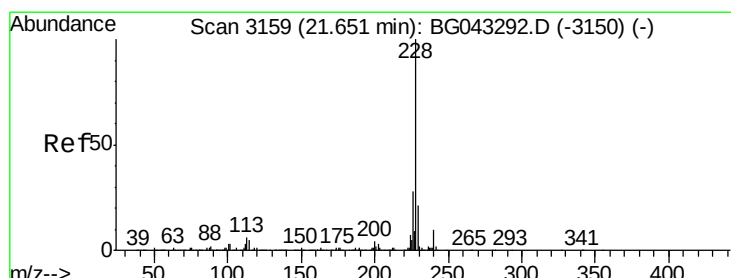
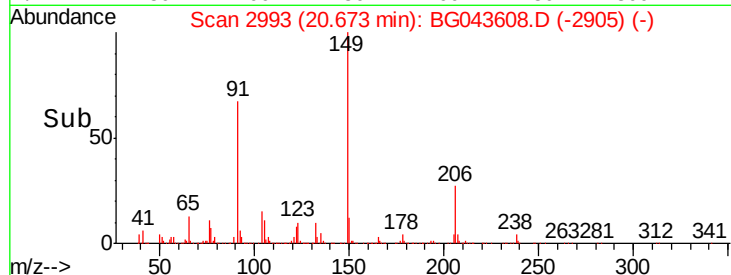
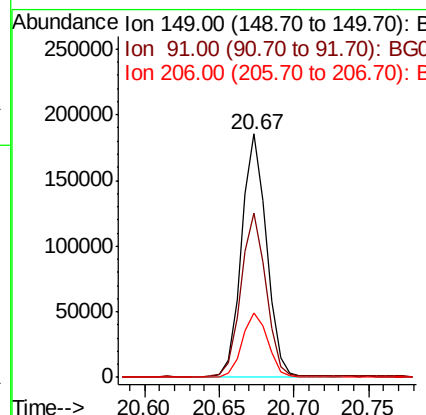
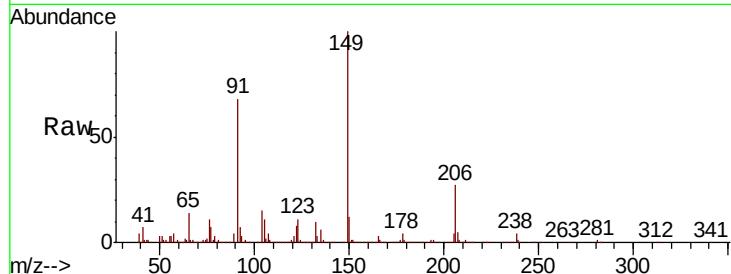
#80
Butylbenzylphthalate
Concen: 40.071 ng
RT: 20.67 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	215617		
91	67.7	51.2	76.8	
206	26.6	22.5	33.7	

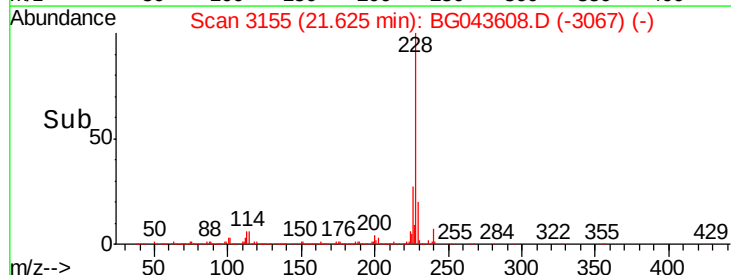
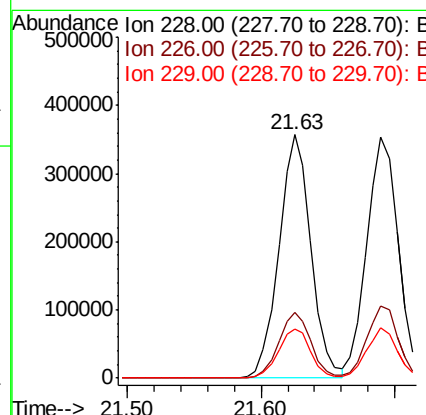
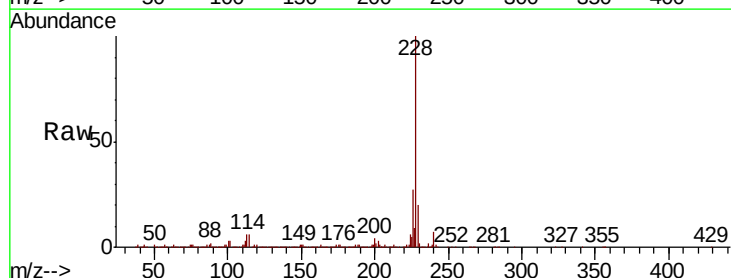
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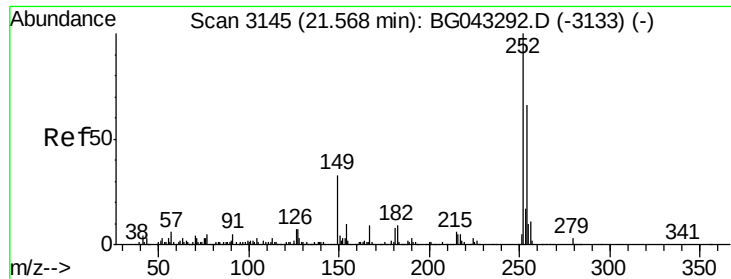
mohammad
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#81
Benzo(a)anthracene
Concen: 41.446 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	595683		
226	27.0	22.2	33.2	
229	20.2	17.0	25.4	





#82

3,3'-Dichlorobenzidine

Concen: 0.646 ng/mL

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Instrument :

BNA_G

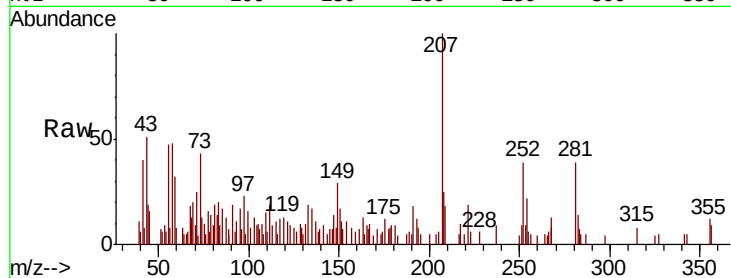
ClientSampled :

HP-640-XMS

Tot Ion:	252	Resp:	3589
Ion Ratio	Lower	Upper	
252	100		
254	56.2	50.8	76.2
126	14.9	6.1	9.1

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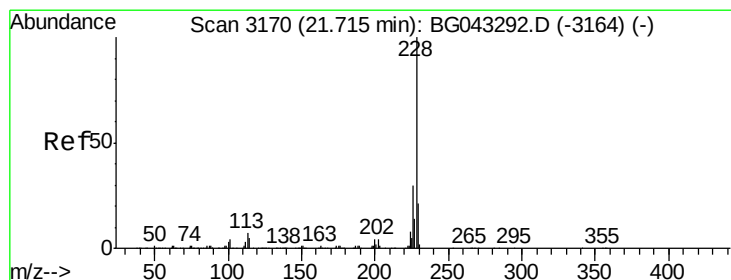
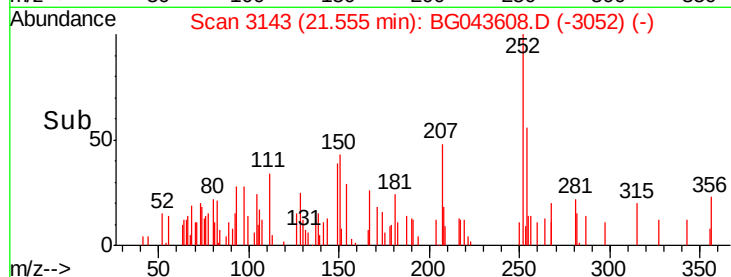
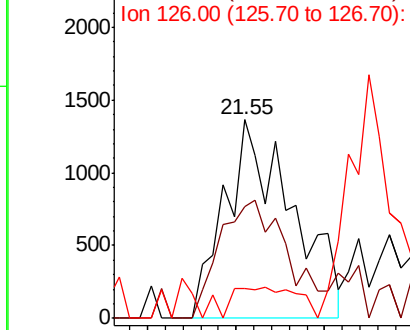


Abundance

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: 40.445 ng

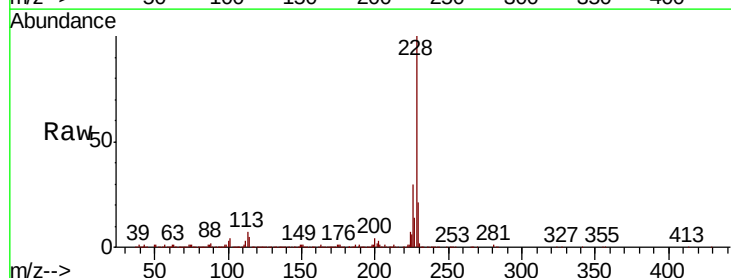
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG043608.D

Acq: 12 Nov 2019 8:02

Tgt Ion:	228	Resp:	577563
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.1	37.7
229	20.8	17.0	25.4

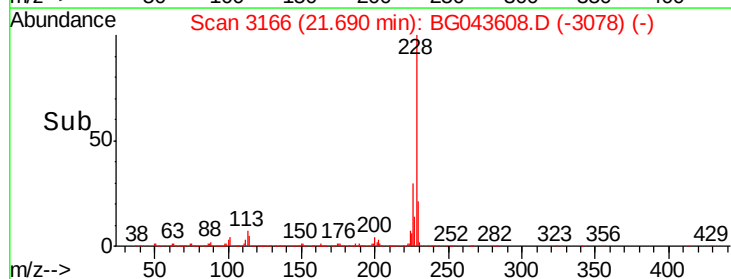
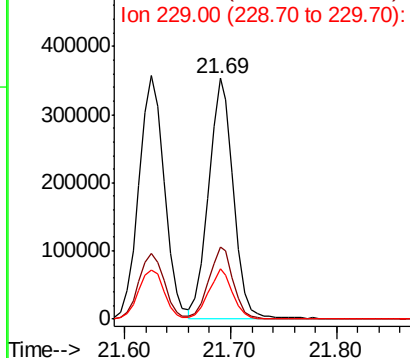


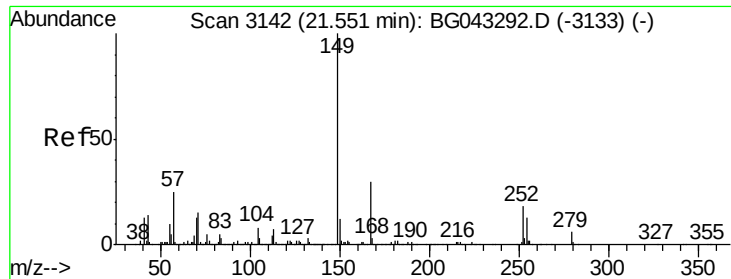
Abundance

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





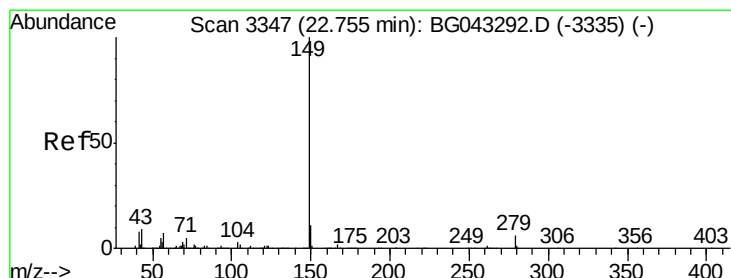
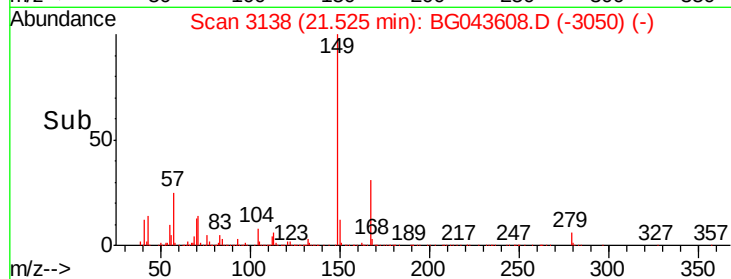
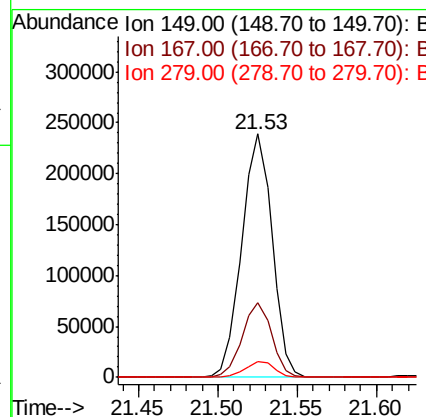
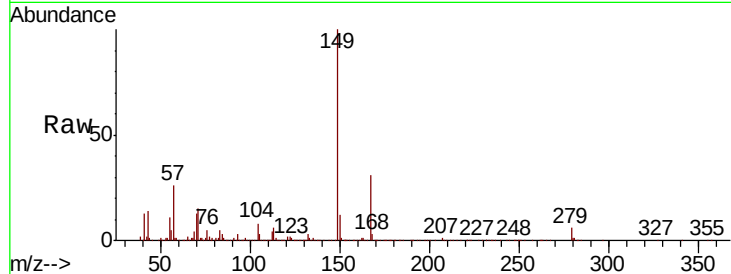
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.468 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.0	36.0
279	6.3	5.4	8.2

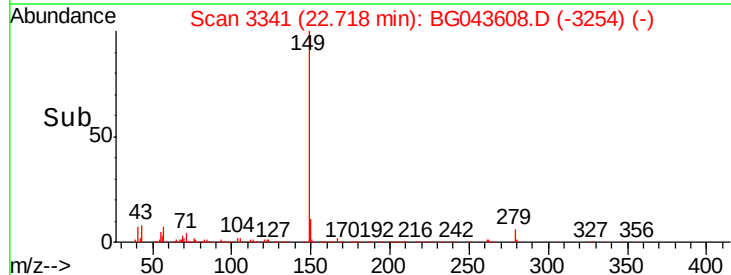
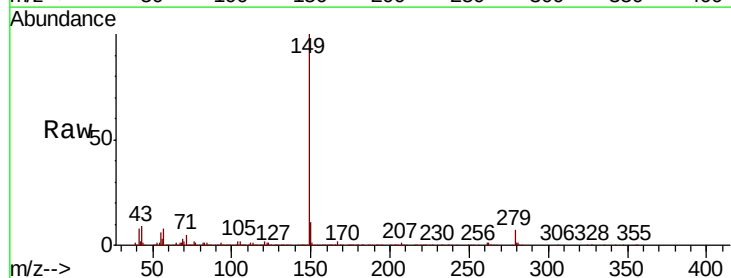
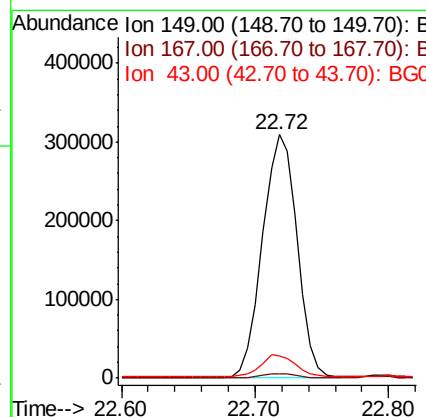
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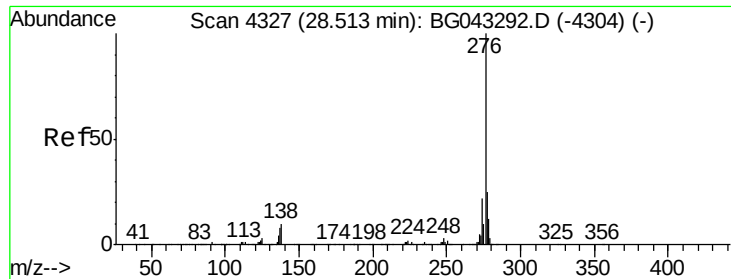
mohammad
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#85
 Di-n-octyl phthalate
 Concen: 42.631 ng
 RT: 22.72 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	9.3	7.0	10.6





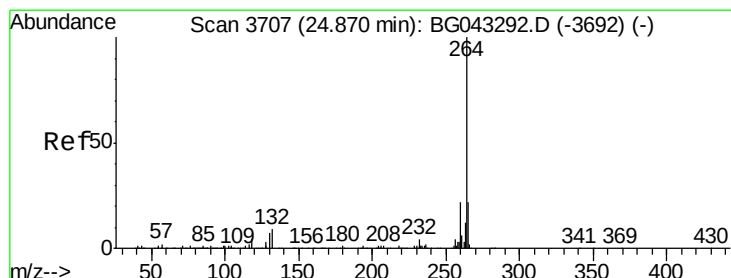
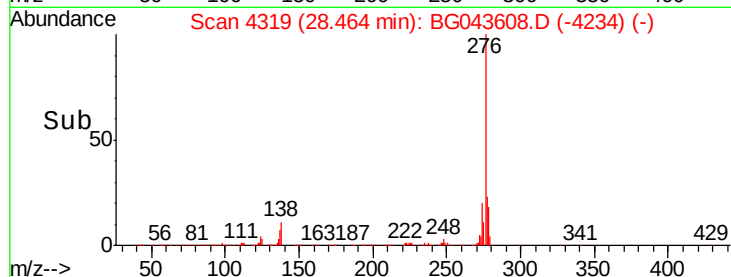
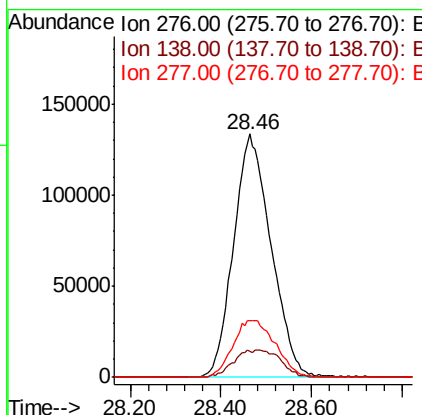
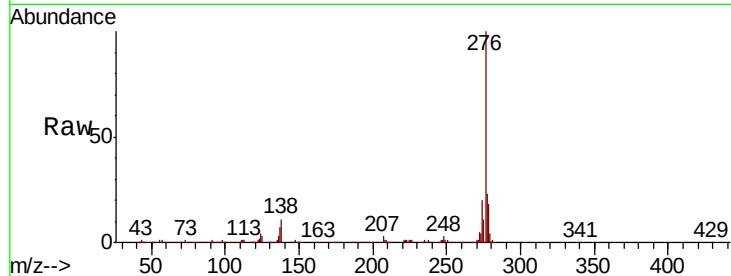
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.759 ng
 RT: 28.46 min Scan# 4319
 Delta R.T. -0.03 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	6.1	6.8	10.2	
277	26.3	20.9	31.3	

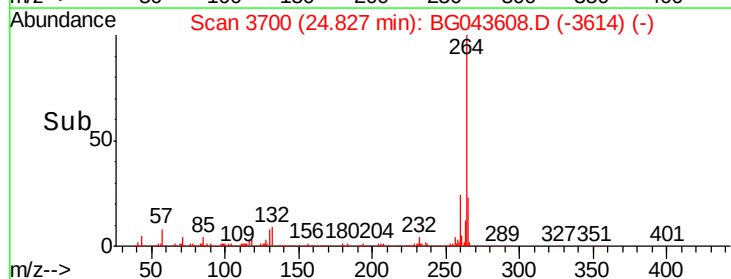
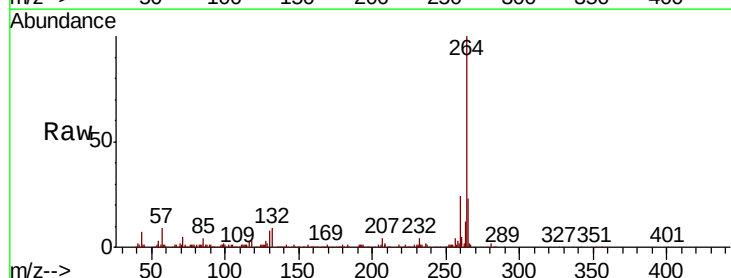
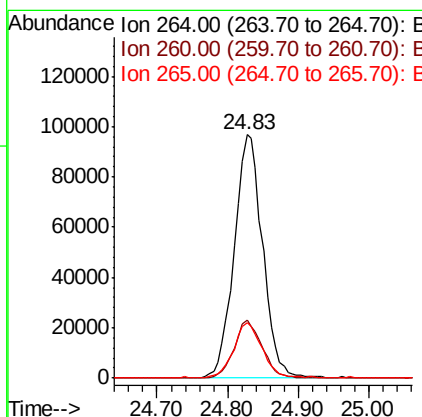
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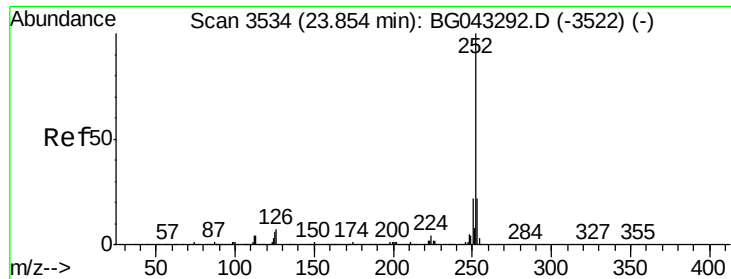
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.03 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.6	17.5	26.3	
265	22.8	17.4	26.0	





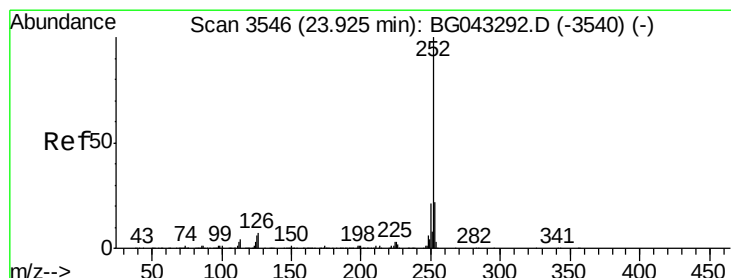
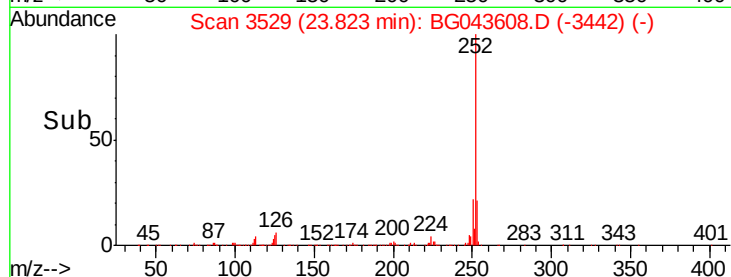
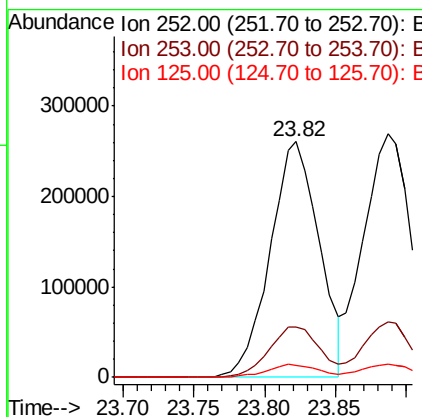
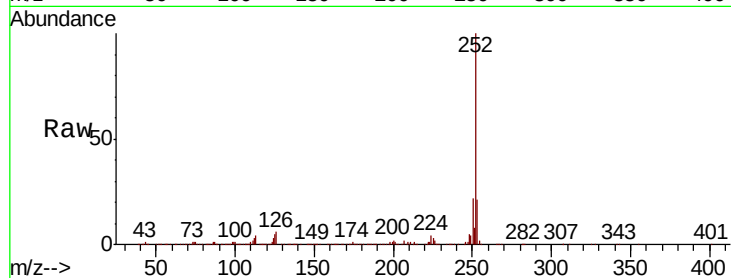
#88
Benzo(b)fluoranthene
Concen: 41.131 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	5.2	4.5	6.7

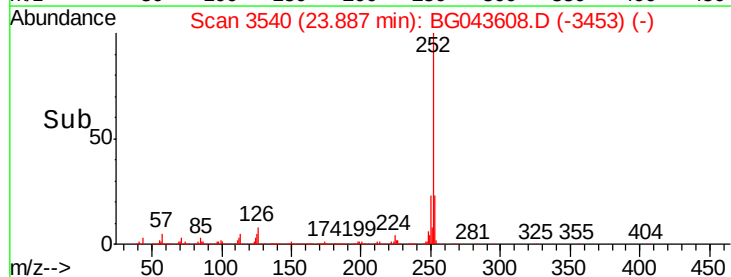
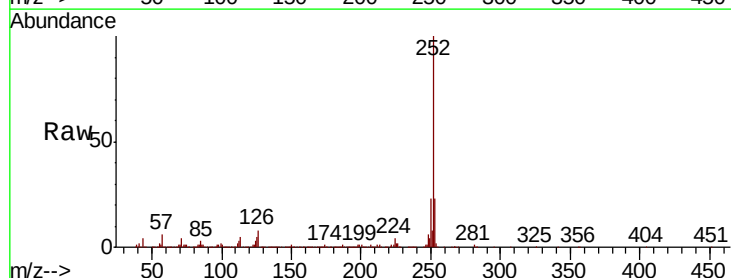
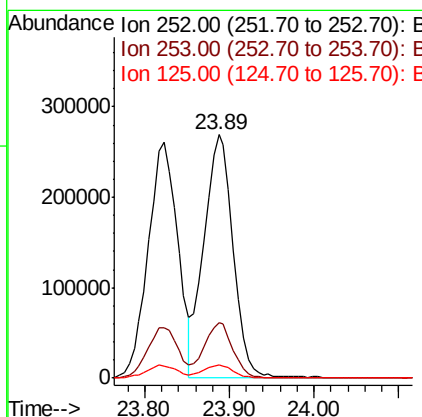
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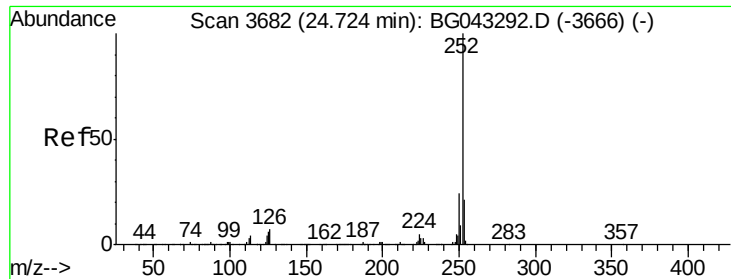
mohammad
11/12/2019 5:04:20 PM



#89
Benzo(k)fluoranthene
Concen: 41.805 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	5.5	4.6	6.8





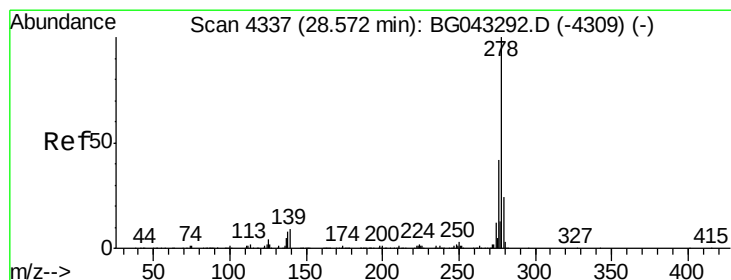
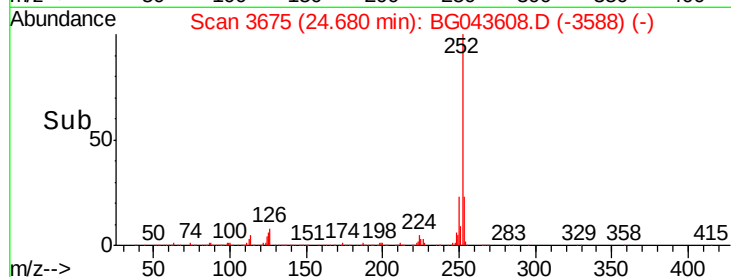
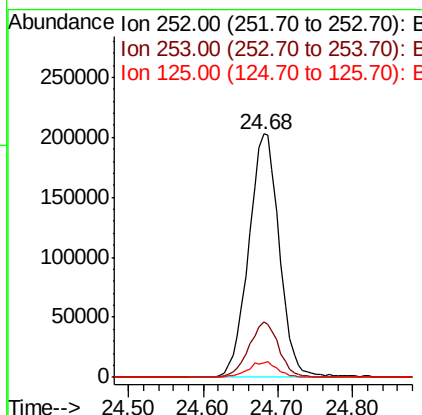
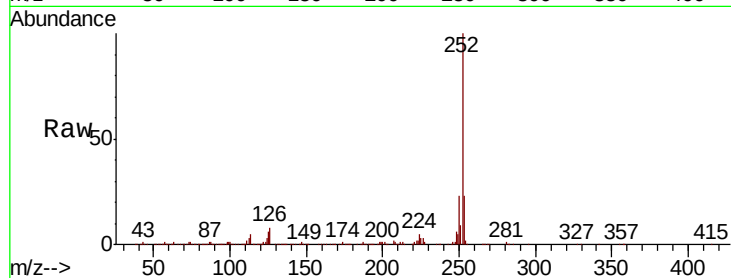
#90
Benzo(a)pyrene
Concen: 39.386 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	6.2	5.4	8.2

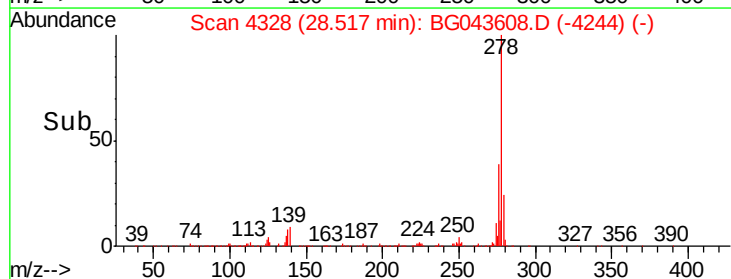
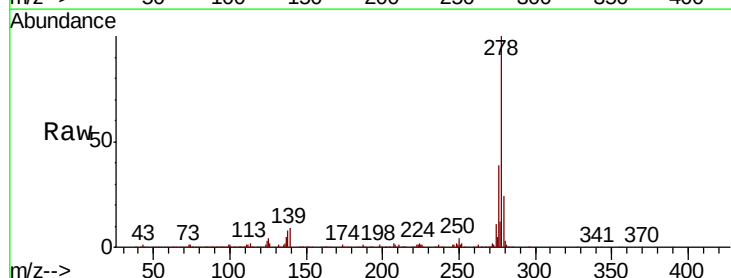
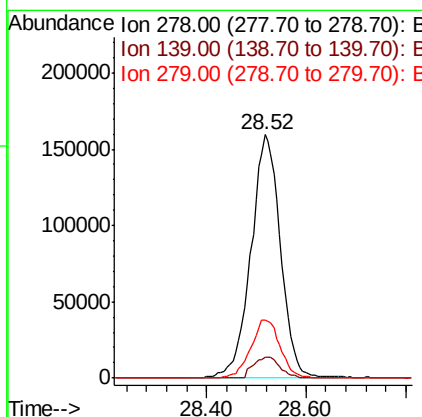
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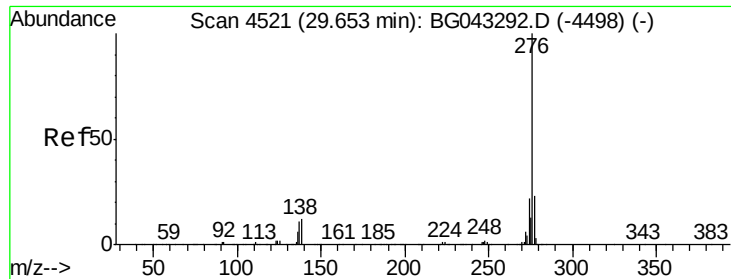
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 43.874 ng
RT: 28.52 min Scan# 4328
Delta R.T. -0.04 min
Lab File: BG043608.D
Acq: 12 Nov 2019 8:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.4	11.0
279	23.7	19.1	28.7





#92
 Benzo(a,h,i)perylene
 Concen: 44.220 ng
 RT: 29.60 min Scan# 4513
 Delta R.T. -0.03 min
 Lab File: BG043608.D
 Acq: 12 Nov 2019 8:02

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-XMS

Tot Ion:	276	Resp:	653749
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.9	28.3
138	11.3	8.9	13.3

Manual Integrations
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