

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043316.D
 Acq On : 23 Oct 2019 19:58
 Operator : JU
 Sample : K5139-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:11:41 PM

Quant Time: Oct 24 07:02:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38958	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139858	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111671	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	270100	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308665	20.00	ng	0.00
87) Perylene-d12	24.87	264	317048	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281750	132.53	ng	0.00
7) Phenol-d6	7.20	99	407597	133.25	ng	0.00
23) Nitrobenzene-d5	9.19	82	250123	92.20	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	294900	138.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	742836	91.92	ng	0.00
79) Terphenyl-d14	20.01	244	1516406	92.17	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.51	88	33813	40.813	ng	# 44
3) Pyridine	3.91	79	67267	32.187	ng	95
4) n-Nitrosodimethylamine	3.81	42	52257	49.552	ng	99
6) Aniline	7.36	93	40456	11.481	ng	98
8) 2-Chlorophenol	7.60	128	116103	49.471	ng	97
9) Benzaldehyde	7.17	77	23633	15.721	ng	96
10) Phenol	7.23	94	139695	49.978	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	97341	45.044	ng	98
12) 1,3-Dichlorobenzene	7.91	146	153274	52.126	ng	96
13) 1,4-Dichlorobenzene	8.06	146	150328	50.530	ng	99
14) 1,2-Dichlorobenzene	8.38	146	141050	48.558	ng	97
15) Benzyl Alcohol	8.27	79	96080	44.725	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	137574	43.781	ng	96
17) 2-Methylphenol	8.48	107	99221	48.694	ng	95
18) Hexachloroethane	9.11	117	55349	51.567	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	87628	44.334	ng	97
20) 3+4-Methylphenols	8.81	107	136120	48.716	ng	91
22) Acetophenone	8.85	105	170433	47.585	ng	97
24) Nitrobenzene	9.23	77	136405	52.783	ng	97
25) Isophorone	9.75	82	258413	52.102	ng	98
26) 2-Nitrophenol	9.94	139	68324	54.763	ng	95
27) 2,4-Dimethylphenol	10.01	122	109856	61.434	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	135637	49.550	ng	100
29) 2,4-Dichlorophenol	10.48	162	127546	55.668	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	150410	52.086	ng	97
31) Naphthalene	10.88	128	375493	52.893	ng	99
32) Benzoic acid	10.16	122	63629	46.865	ng	94
33) 4-Chloroaniline	11.03	127	5310	1.825	ng	# 86
34) Hexachlorobutadiene	11.17	225	107403	50.314	ng	89
35) Caprolactam	11.77	113	41546m	52.650	ng	
36) 4-Chloro-3-methylphenol	12.12	107	146343	58.556	ng	98
37) 2-Methylnaphthalene	12.48	142	291077	53.438	ng	98
38) 1-Methylnaphthalene	12.70	142	274177	52.902	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	185523	44.891	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	241836	111.395	nq	90
43) 2,4,6-Trichlorophenol	13.09	196	124233	51.044	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	138883	56.444	nq	98
46) 1,1'-Biphenyl	13.48	154	390985	46.024	nq	99
47) 2-Chloronaphthalene	13.53	162	302293	46.767	nq	99
48) 2-Nitroaniline	13.74	65	93049	48.164	nq	99
49) Acenaphthylene	14.38	152	501690	49.870	nq	99
50) Dimethylphthalate	14.11	163	458231	52.977	nq	99
51) 2,6-Dinitrotoluene	14.22	165	97154	51.702	nq	98
52) Acenaphthene	14.72	154	301943	49.217	nq	98
53) 3-Nitroaniline	14.57	138	18316	10.096	nq	97
54) 2,4-Dinitrophenol	14.77	184	125622	104.593	nq	95
55) Dibenzofuran	15.05	168	496519	49.907	nq	99
56) 4-Nitrophenol	14.88	139	151284	124.432	nq	94
57) 2,4-Dinitrotoluene	15.02	165	143645	53.489	nq	95
58) Fluorene	15.70	166	421099	50.466	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	144420	55.244	nq	# 98
60) Diethylphthalate	15.46	149	439153	50.529	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	243799	50.084	nq	98
62) 4-Nitroaniline	15.73	138	67120	35.823	nq	93
63) Azobenzene	15.98	77	358074	50.907	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	95994	60.391	nq	99
66) n-Nitrosodiphenylamine	15.91	169	264297	34.659	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	174805	48.090	nq	99
68) Hexachlorobenzene	16.70	284	198456	47.563	nq	99
69) Atrazine	16.85	200	59524	22.464	nq	98
70) Pentachlorophenol	17.05	266	236859	124.582	nq	97
71) Phenanthrene	17.44	178	698960	50.535	nq	99
72) Anthracene	17.53	178	724894	52.383	nq	99
73) Carbazole	17.80	167	426886	34.065	nq	99
74) Di-n-butylphthalate	18.36	149	775281	50.987	nq	100
75) Fluoranthene	19.45	202	942420	52.265	nq	99
77) Benzidine	19.72	184	4293	0.691	nq	# 83
78) Pyrene	19.81	202	959702	50.230	nq	99
80) Butylbenzylphthalate	20.69	149	362888	50.133	nq	97
81) Benzo(a)anthracene	21.65	228	991586	51.286	nq	98
82) 3,3'-Dichlorobenzidine	21.57	252	25744	3.443	nq	91
83) Chrysene	21.71	228	970262	50.507	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	526454	51.200	nq	98
85) Di-n-octyl phthalate	22.75	149	906119	51.942	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1226783	50.875	nq	100
88) Benzo(b)fluoranthene	23.85	252	1045462	58.222	nq	98
89) Benzo(k)fluoranthene	23.92	252	1055687	58.399	nq	97
90) Benzo(a)pyrene	24.72	252	934567	54.502	nq	99
91) Dibenzo(a,h)anthracene	28.58	278	1054854	60.143	nq	99
92) Benzo(g,h,i)perylene	29.65	276	1029551	59.510	nq	98

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



#1

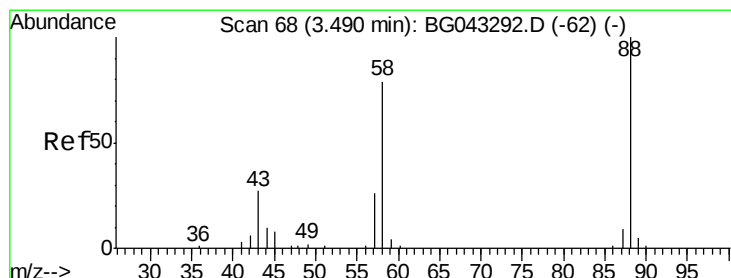
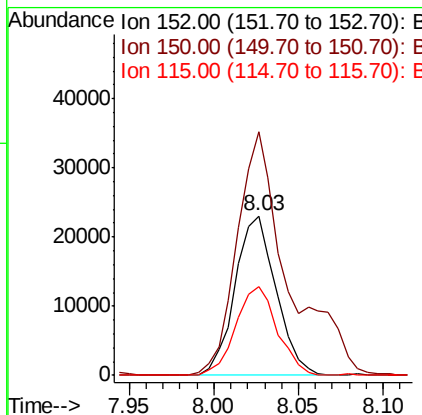
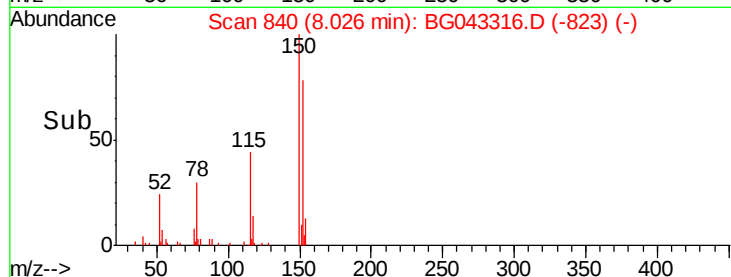
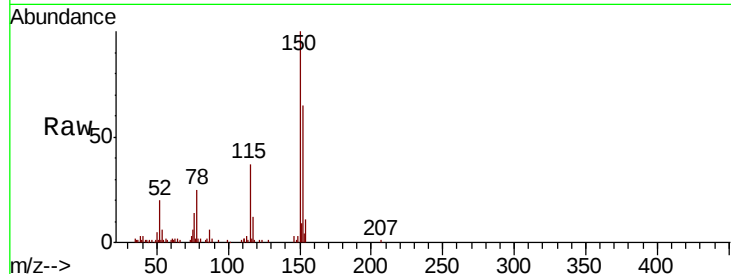
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	113.6	170.4
115	56.1	45.9	68.9

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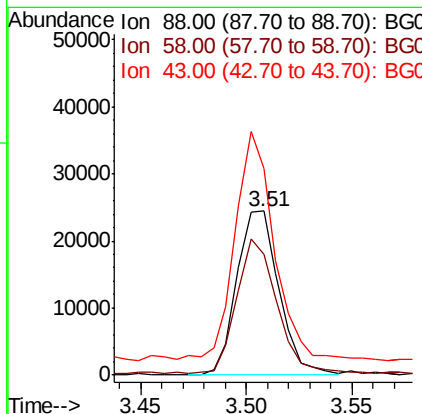
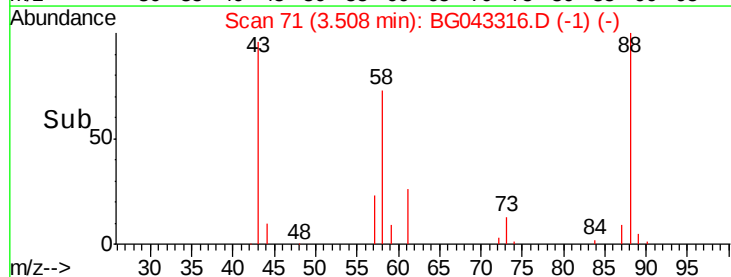
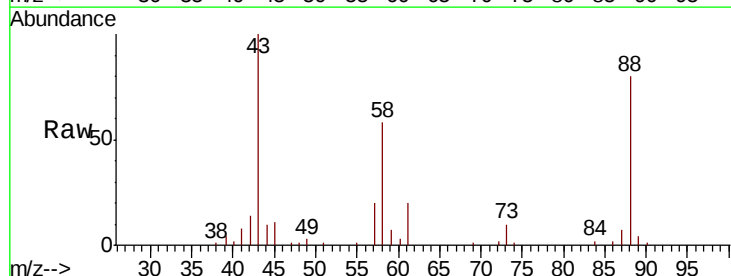
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#2

1,4-Dioxane
Concen: 40.813 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.02 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	60.2	90.2
43	129.9	22.7	34.1#





#3

Pvridine

Concen: 32.187 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.02 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

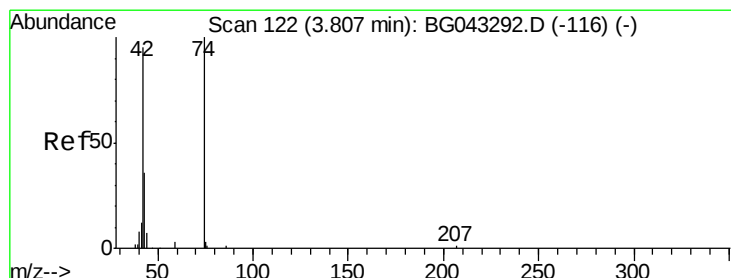
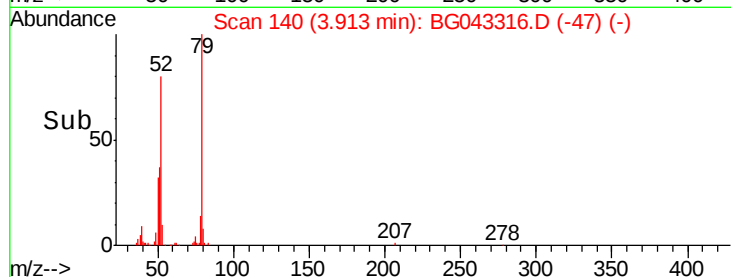
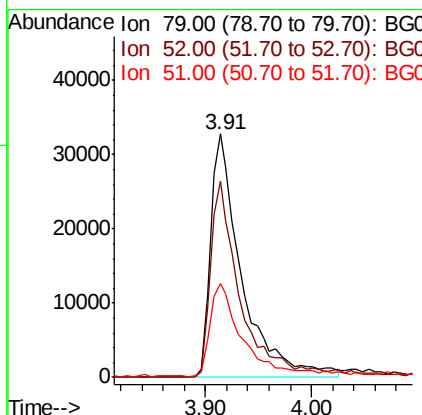
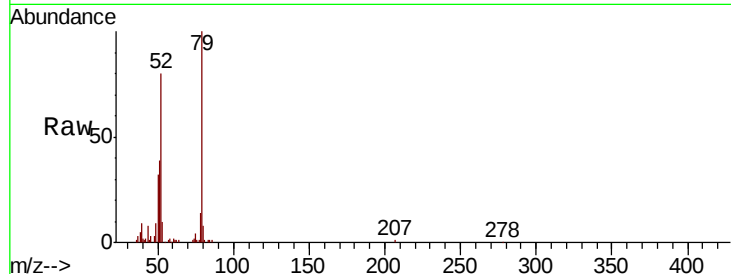
ClientSampleId :

BU-03-102119MS

Tot Ion:	79	Resp:	67267
Ion	Ratio	Lower	Upper
79	100		
52	80.4	59.7	89.5
51	38.7	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 49.552 ng

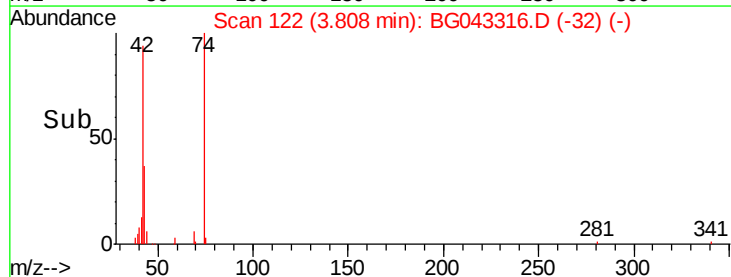
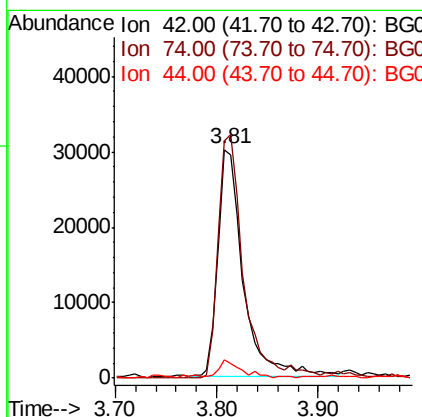
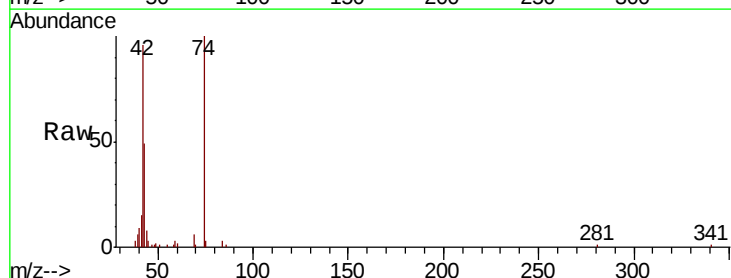
RT: 3.81 min Scan# 122

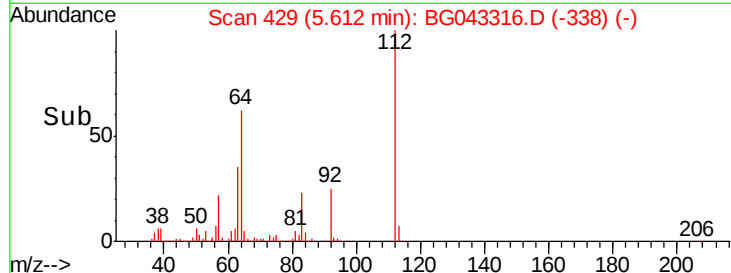
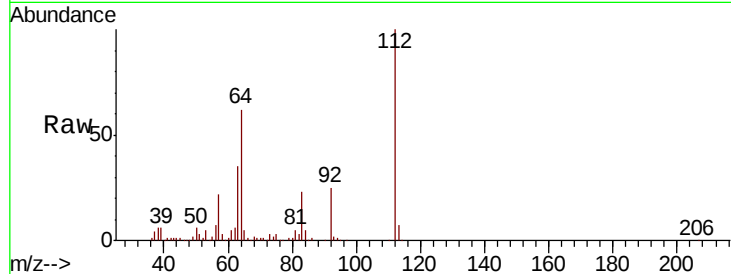
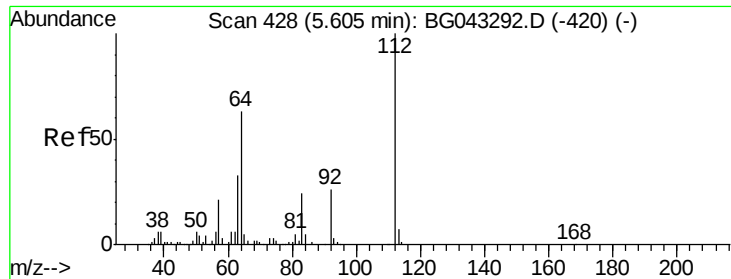
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	42	Resp:	52257
Ion	Ratio	Lower	Upper
42	100		
74	104.0	84.2	126.2
44	7.8	6.0	9.0





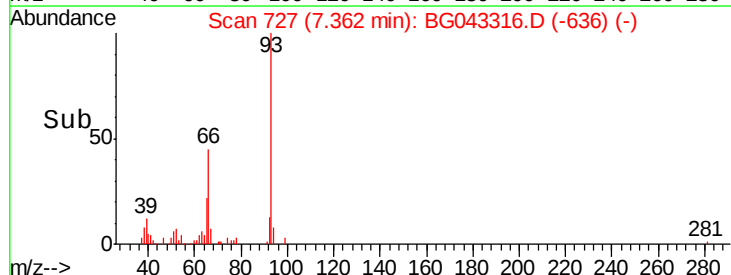
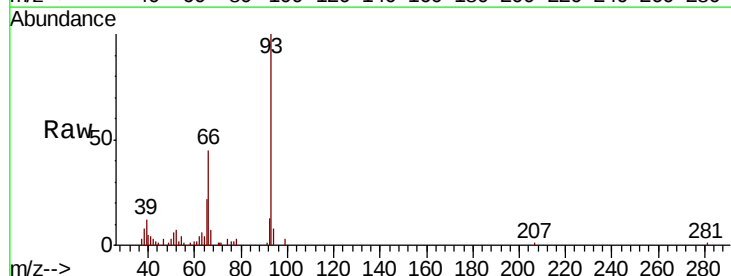
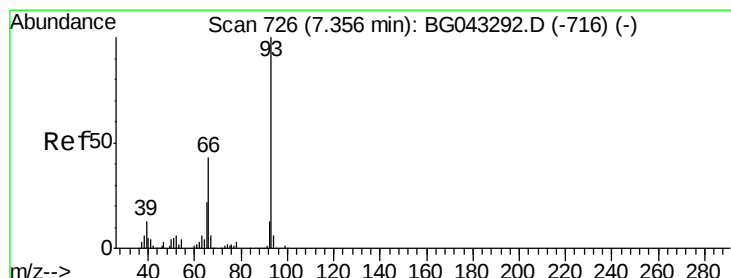
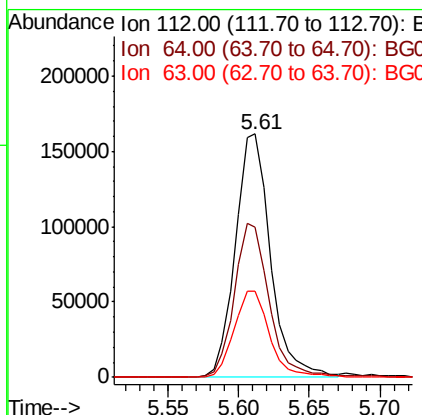
#5
2-Fluorophenol
Concen: 132.525 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tot Ion	Ratio	Resp	Lower	Upper
112	100	281750		
64	61.8		50.2	75.2
63	35.4		26.7	40.1

Instrument :
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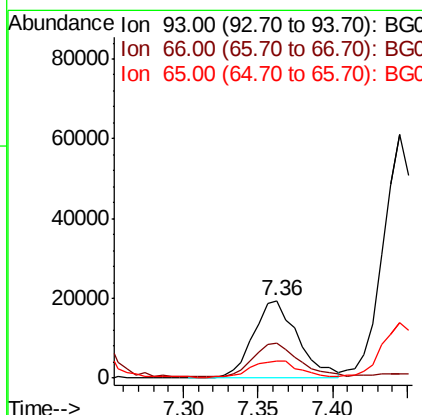
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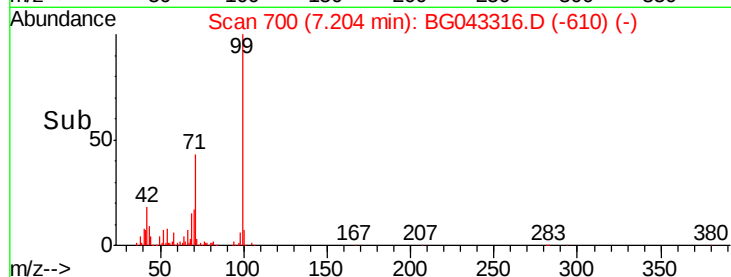
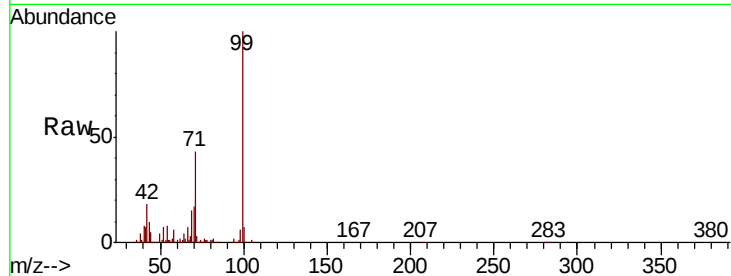
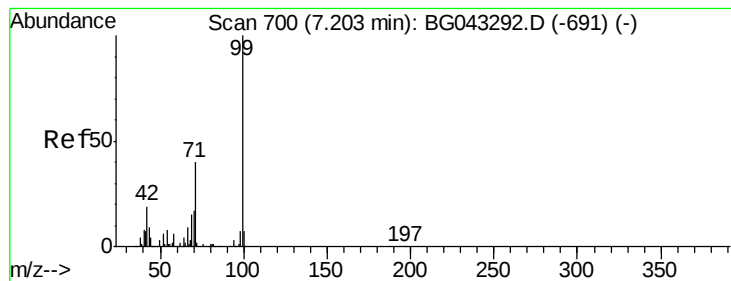
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#6
Aniline
Concen: 11.481 ng
RT: 7.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	40456		
66	45.0		34.5	51.7
65	21.8		18.0	27.0





#7

Phenol-d6

Concen: 133.253 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tot Ion:	99	Resp:	407597
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.9	22.3
71	43.3	32.2	48.2

Instrument :

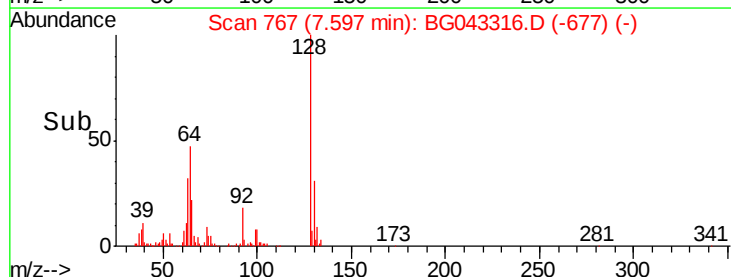
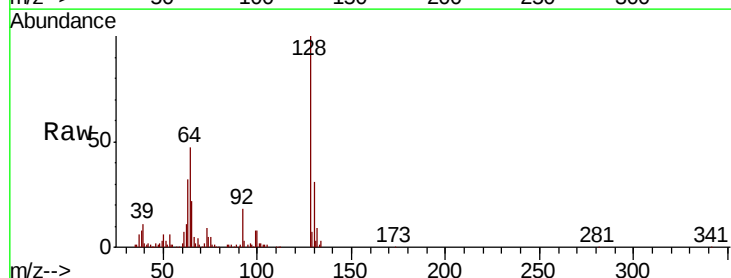
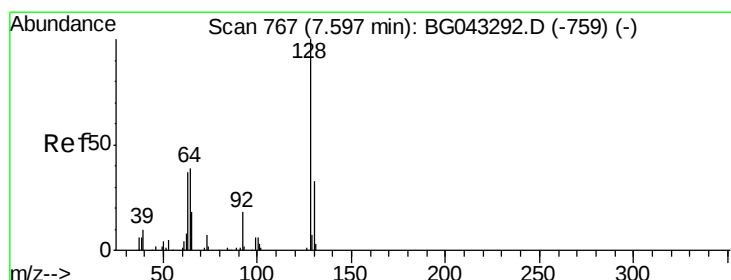
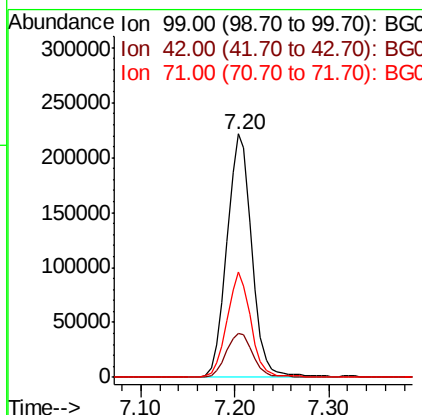
BNA_G

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#8

2-Chlorophenol

Concen: 49.471 ng

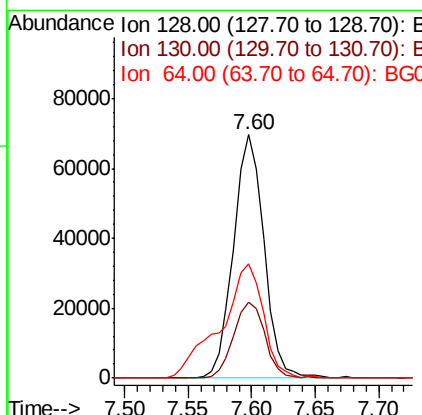
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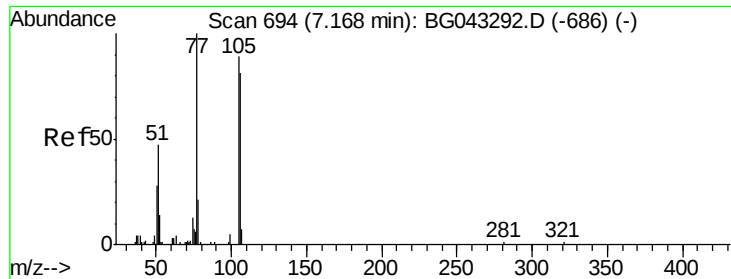
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	128	Resp:	116103
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	47.0	24.9	64.9





#9

Benzaldehyde

Concen: 15.721 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

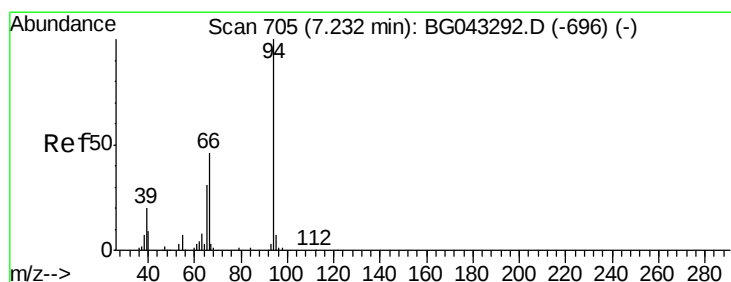
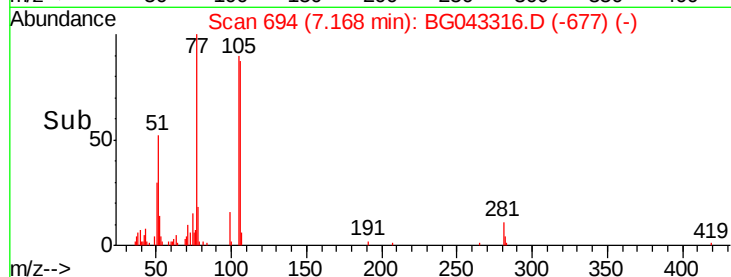
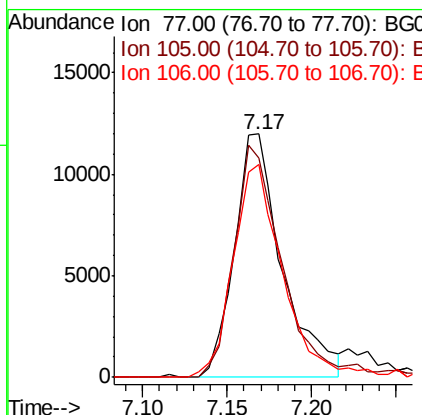
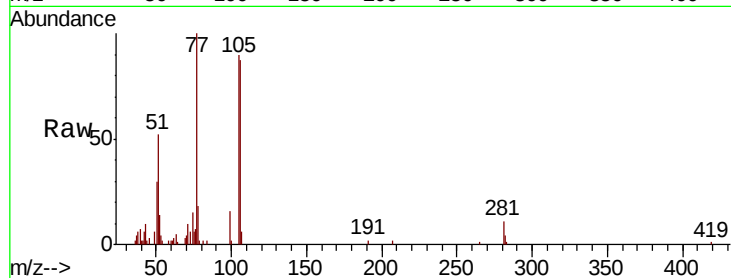
ClientSampleId :

BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.1	68.7	108.7
106	87.3	60.5	100.5

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#10

Phenol

Concen: 49.978 ng

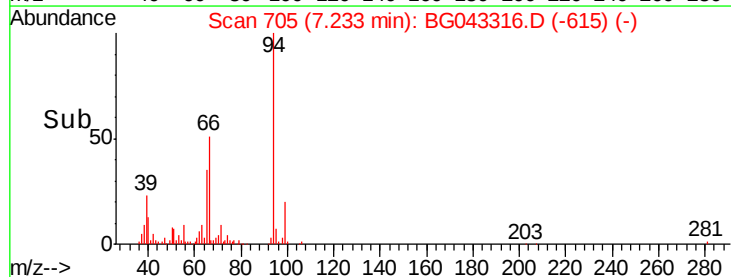
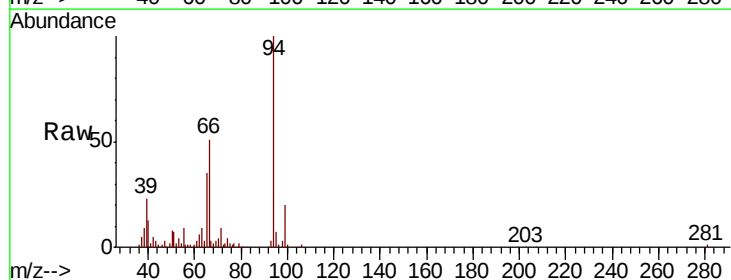
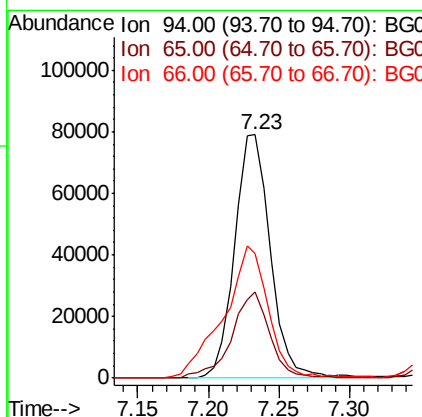
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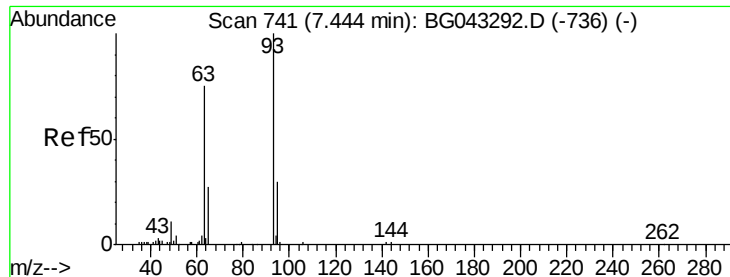
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.3	11.1	51.1
66	51.4	27.8	67.8





#11

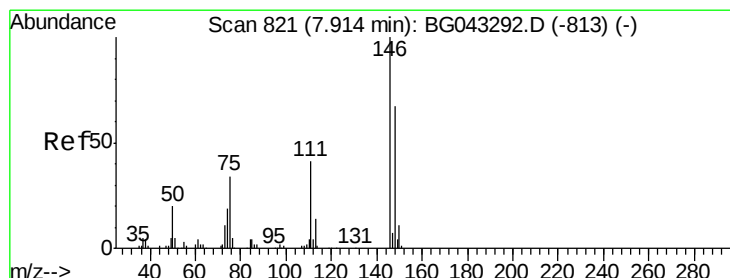
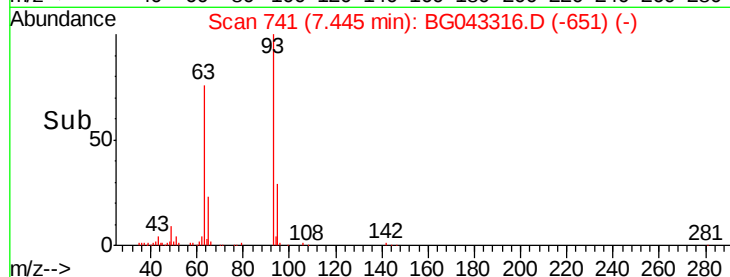
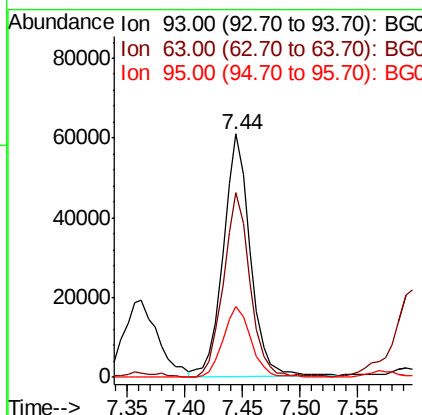
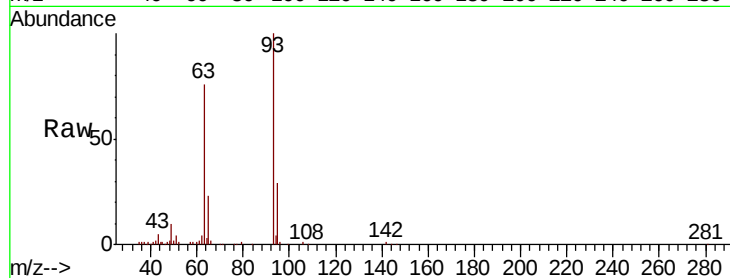
bis(2-Chloroethyl)ether
Concen: 45.044 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion:	93	Resp:	97341
Ion Ratio	Lower	Upper	
93	100		
63	76.1	54.6	94.6
95	29.1	9.7	49.7

Manual Integrations
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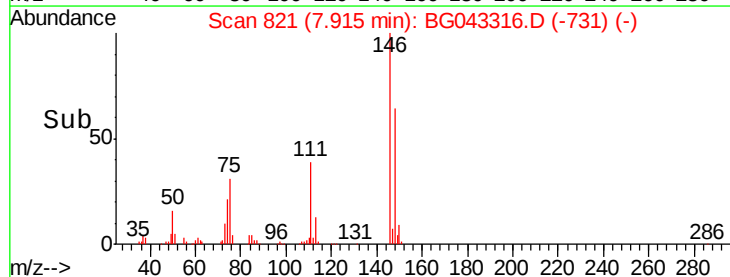
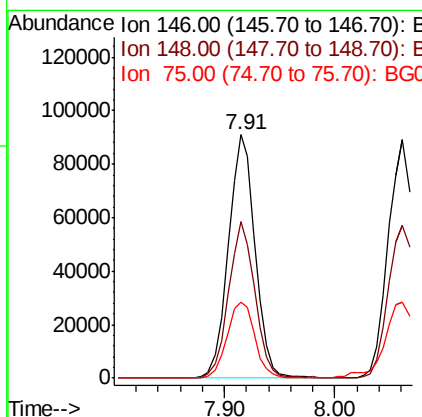
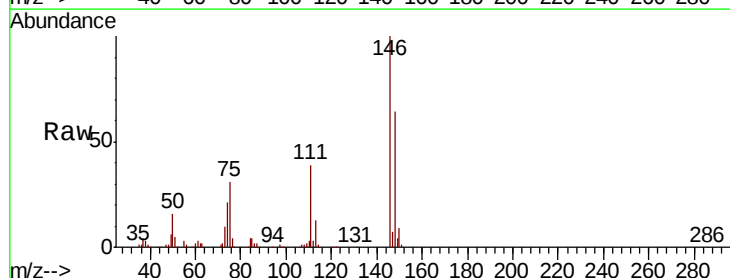
mohammad
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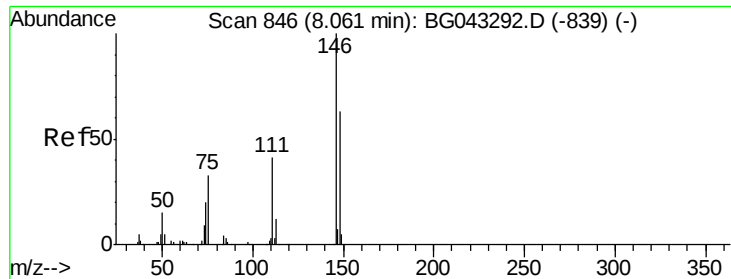


#12

1,3-Dichlorobenzene
Concen: 52.126 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:	146	Resp:	153274
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.4	80.2
75	31.4	27.0	40.4





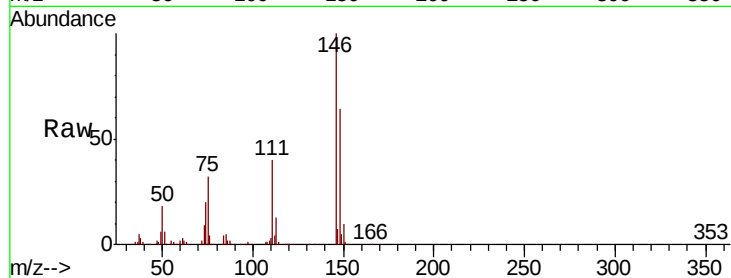
#13
1,4-Dichlorobenzene
Concen: 50.530 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.7	76.1
111	40.1	33.0	49.6

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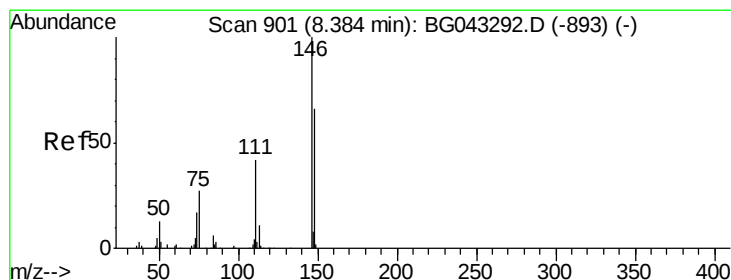
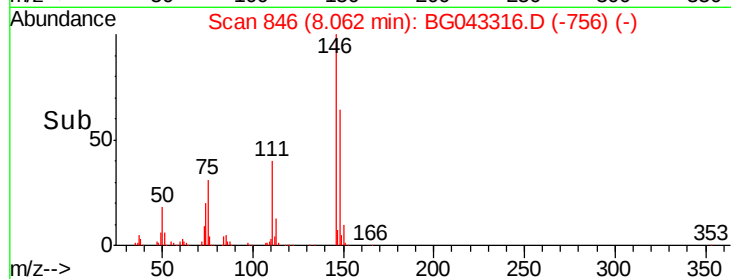
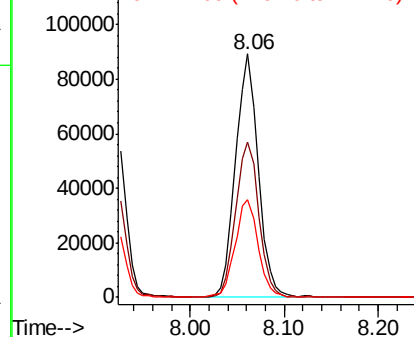


Abundance

Ion 146.00 (145.70 to 146.70): E

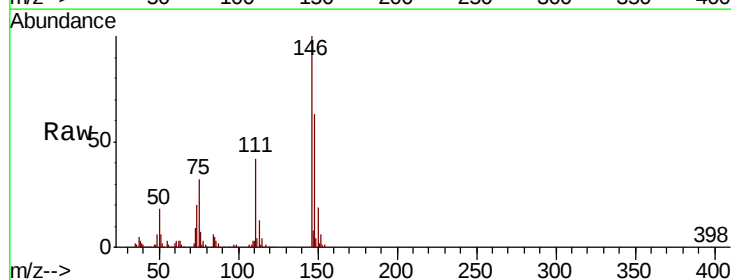
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 48.558 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.0	79.4
111	42.4	34.5	51.7

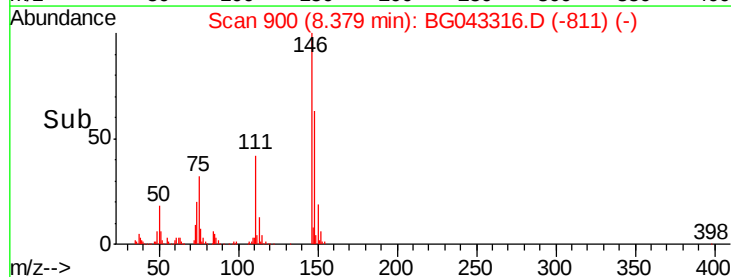
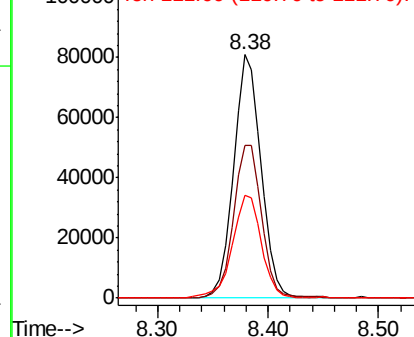


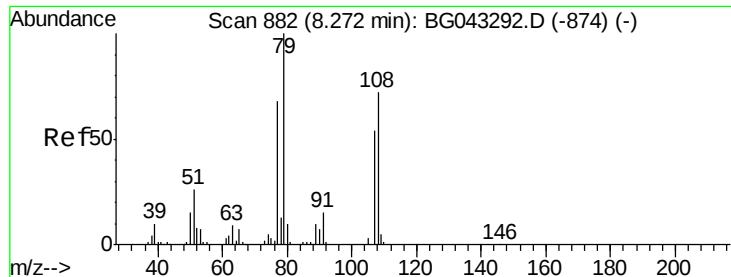
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.725 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

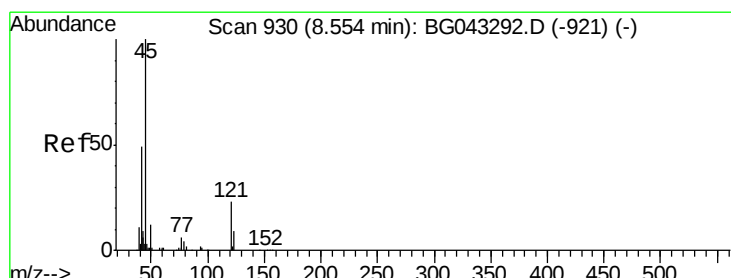
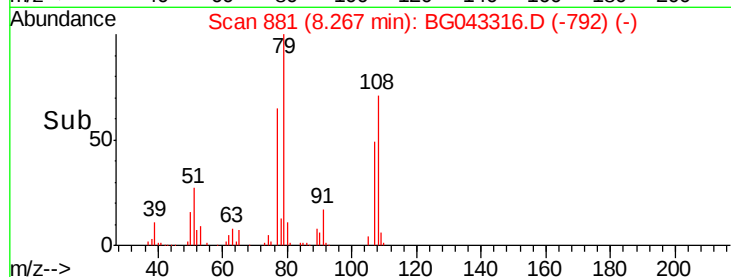
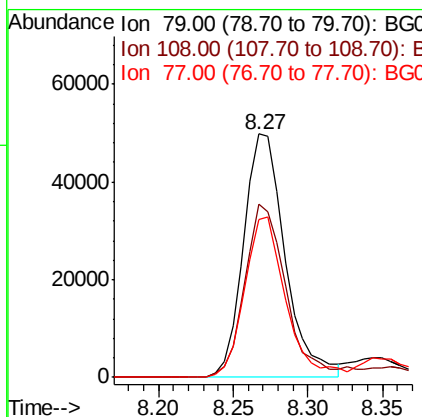
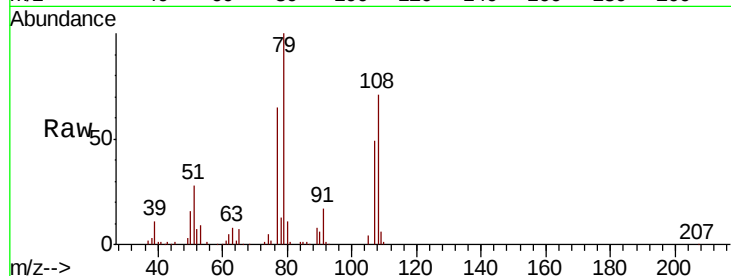
ClientSampleId :

BU-03-102119MS

Tot Ion:	79	Resp:	96080
Ion Ratio	Lower	Upper	
79	100		
108	70.9	57.3	85.9
77	65.1	54.6	81.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.781 ng

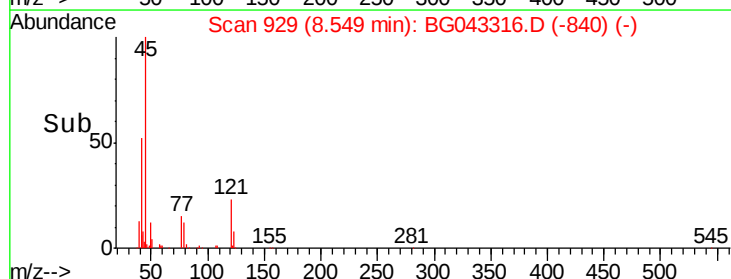
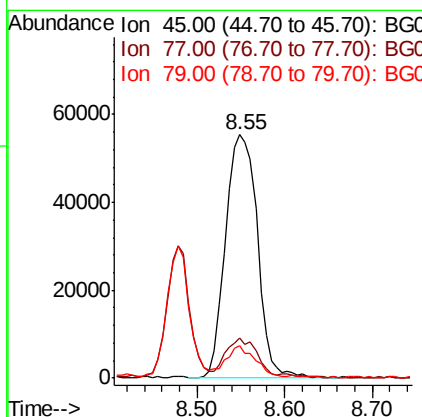
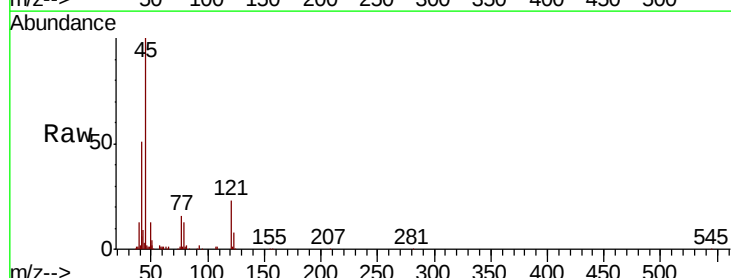
RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	45	Resp:	137574
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	34.2
79	13.2	0.0	32.3





#17

2-Methylphenol

Concen: 48.694 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

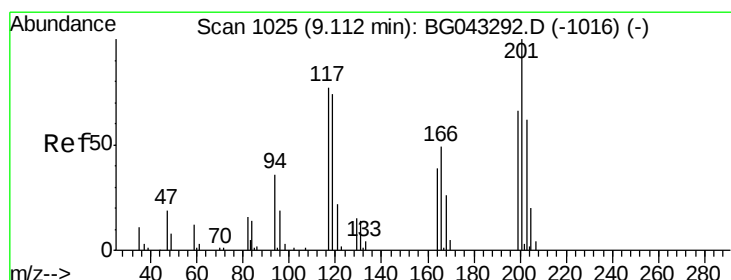
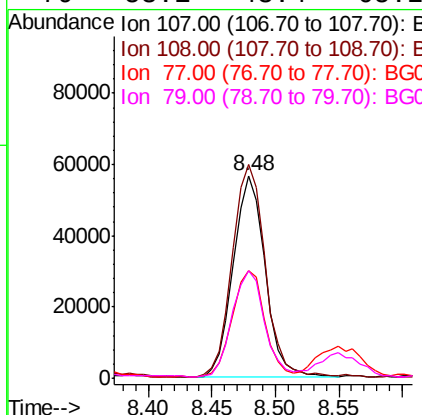
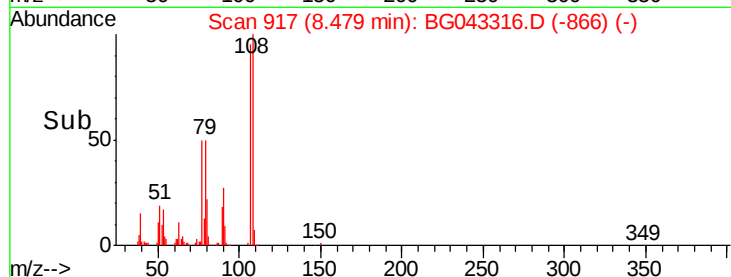
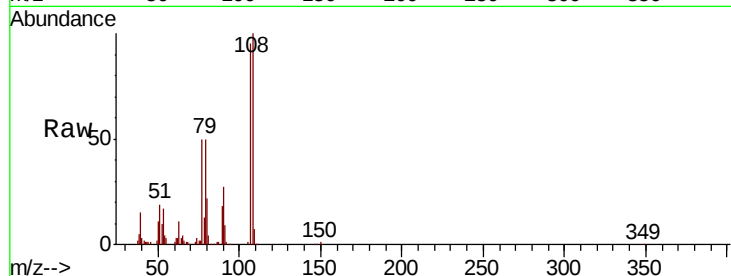
ClientSampleId :

BU-03-102119MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.6	91.3	136.9	
77	52.9	43.0	64.6	
79	53.1	43.4	65.2	

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#18

Hexachloroethane

Concen: 51.567 ng

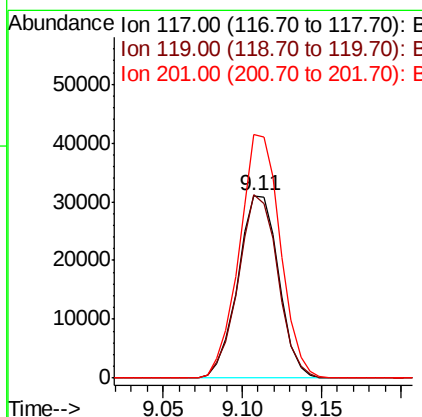
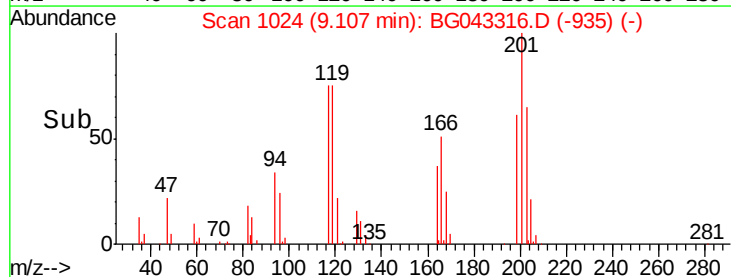
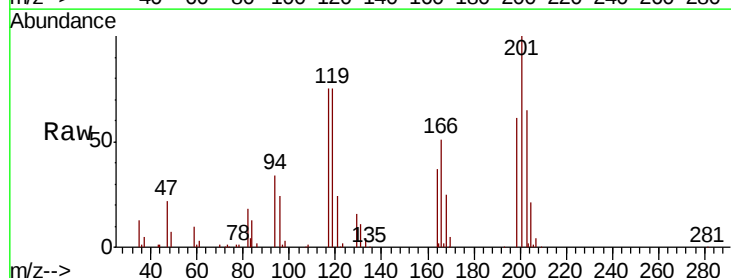
RT: 9.11 min Scan# 1024

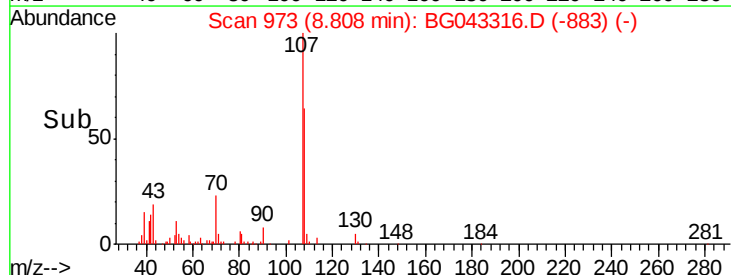
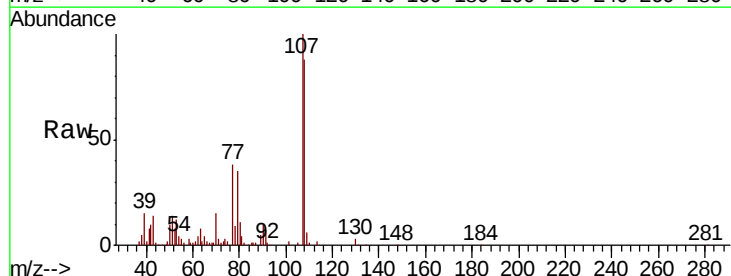
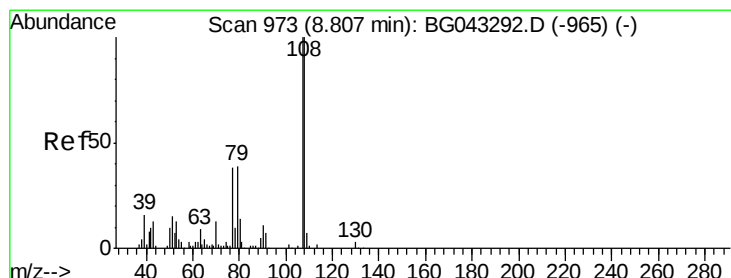
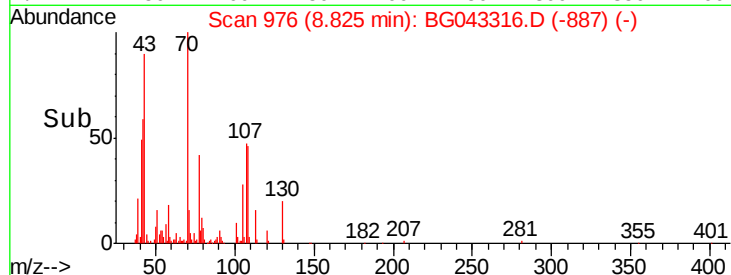
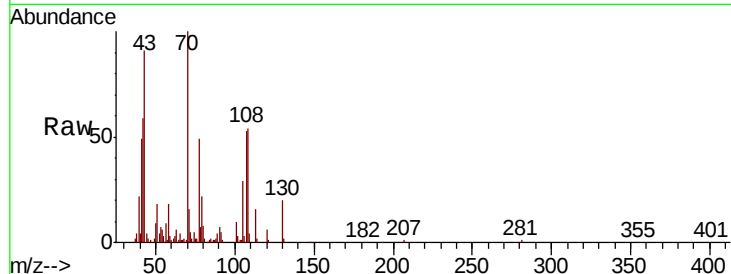
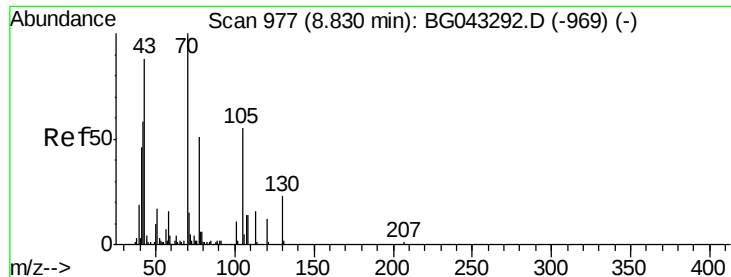
Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

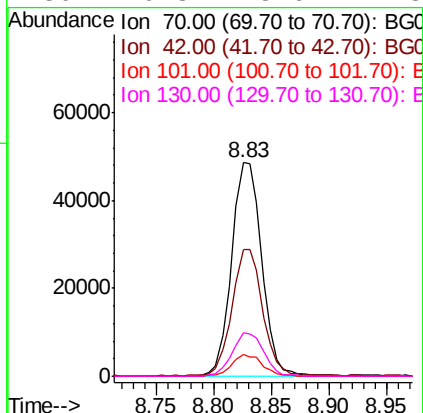
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.4	77.3	115.9	
201	133.6	104.2	156.4	





#19
n-Nitroso-di-n-propylamine
Concen: 44.334 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.2	46.2	69.2		
101	10.3	8.6	13.0		
130	20.3	18.6	27.8		



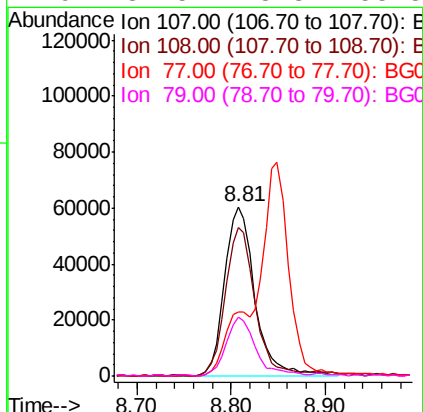
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

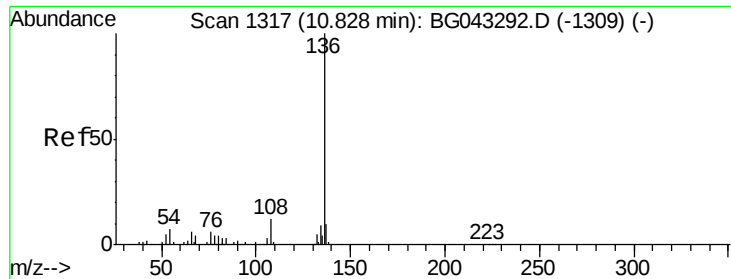
Manual Integrations
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#20
3+4-Methylphenols
Concen: 48.716 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.2	80.3	120.3		
77	37.5	18.2	58.2		
79	34.5	18.8	58.8		





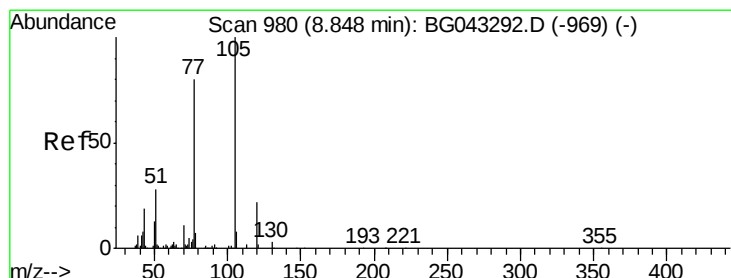
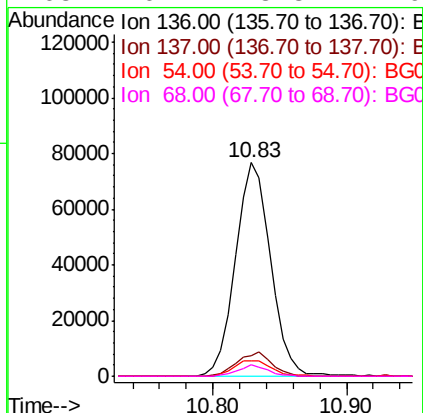
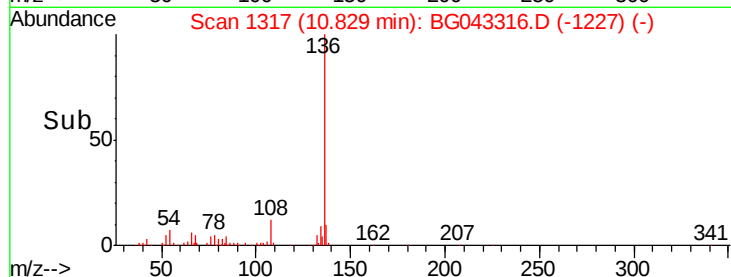
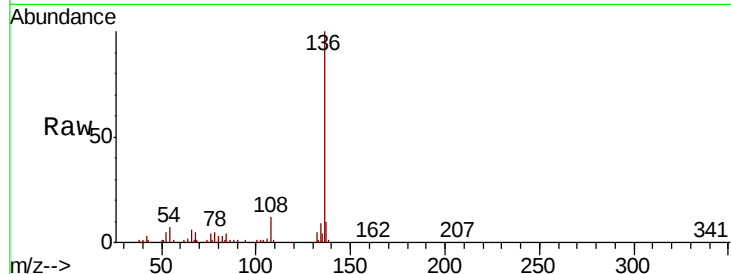
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	139858		
137	9.5	8.2	12.2	
54	7.0	5.4	8.2	
68	6.1	3.3	4.9	

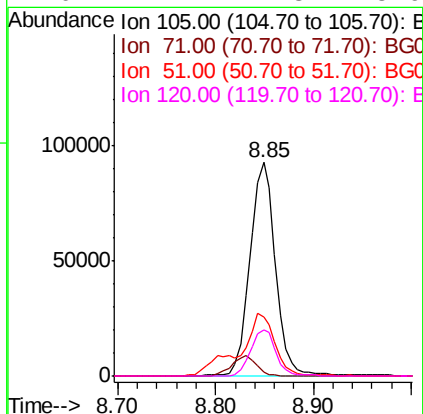
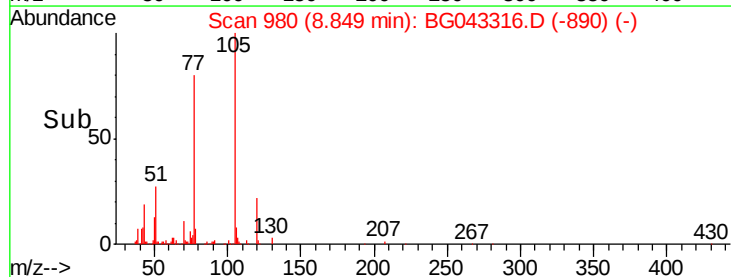
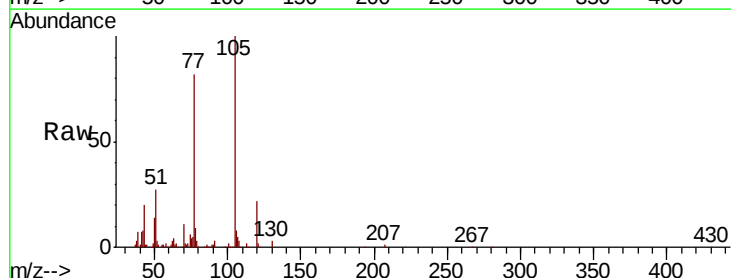
Manual Integrations
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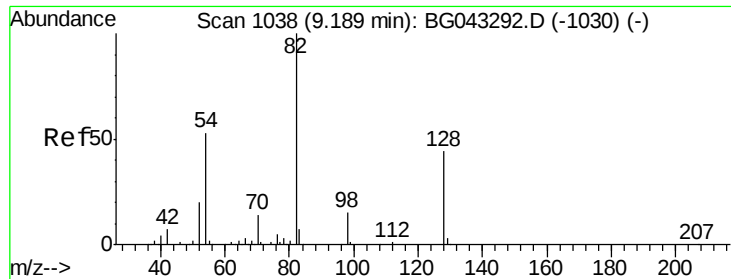
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#22
Acetophenone
Concen: 47.585 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170433		
71	1.9	1.5	2.3	
51	27.3	23.9	35.9	
120	21.7	17.3	25.9	





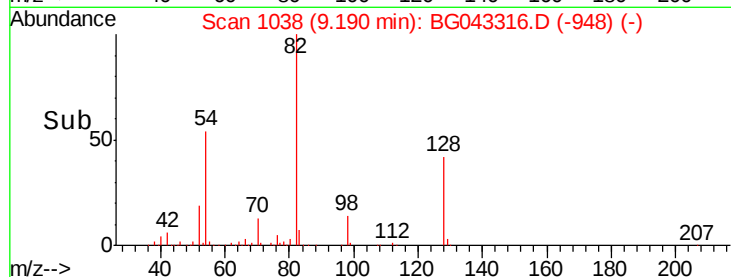
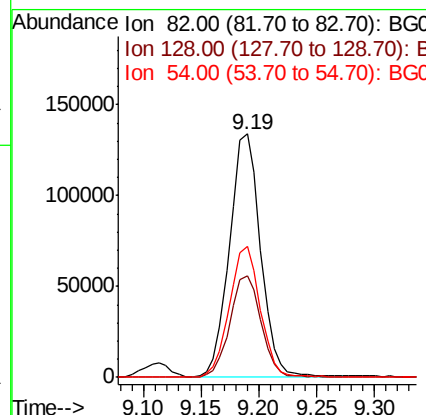
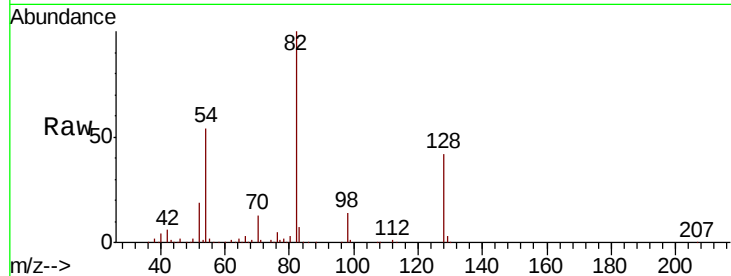
#23
 Nitrobenzene-d5
 Concen: 92.200 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.3	52.9
54	53.9	42.3	63.5

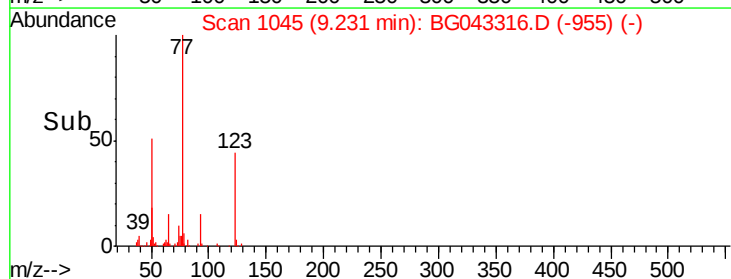
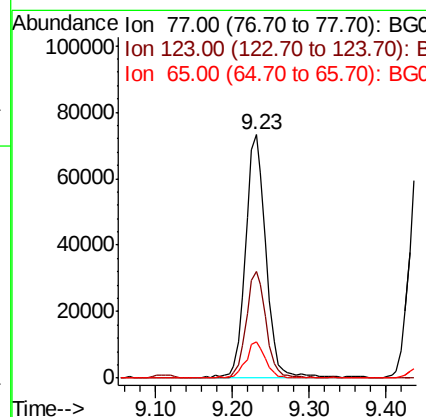
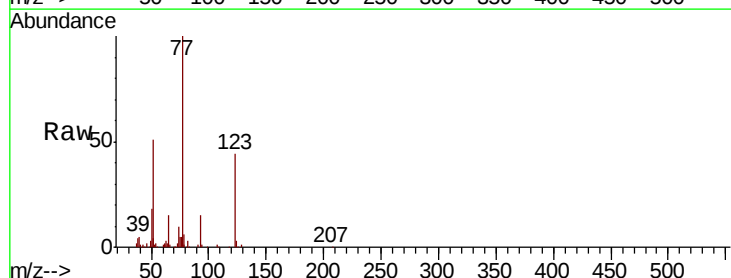
Manual Integrations
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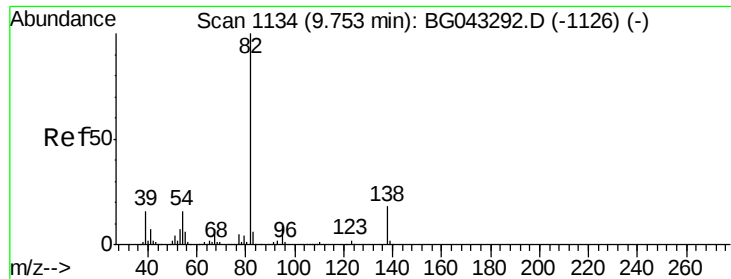
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#24
 Nitrobenzene
 Concen: 52.783 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.8	50.8
65	14.7	13.0	19.4





#25

Isophorone

Concen: 52.102 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

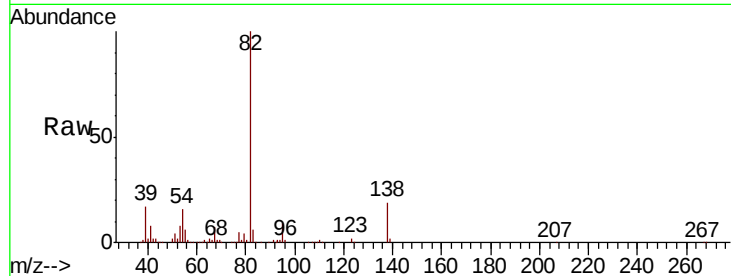
ClientSampleId :

BU-03-102119MS

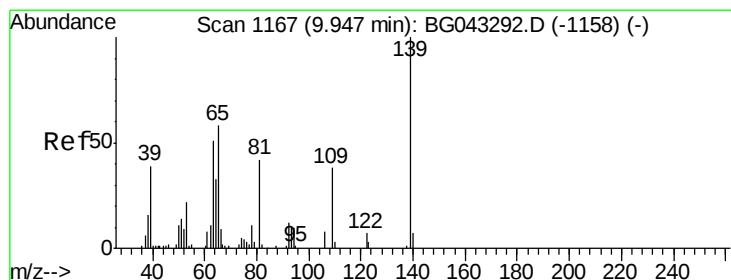
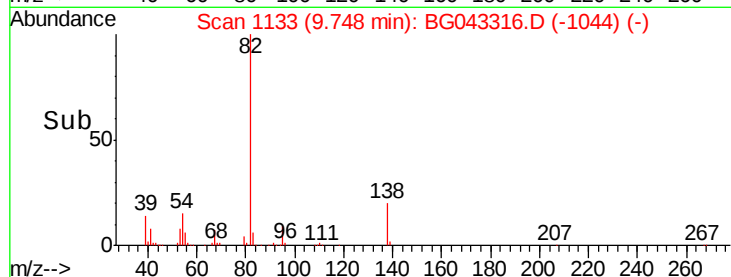
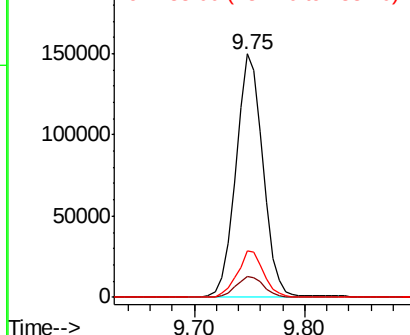
Tot Ion:	82	Resp:	258413
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.9	10.3
138	19.2	14.2	21.2

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



#26

2-Nitrophenol

Concen: 54.763 ng

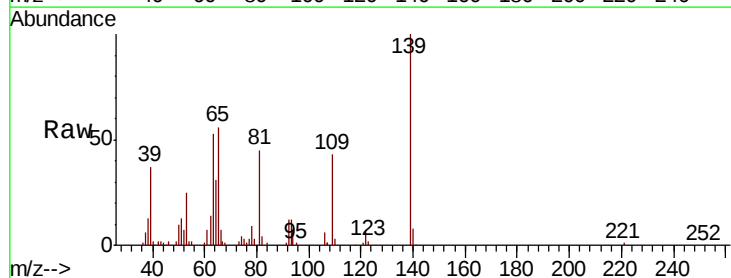
RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

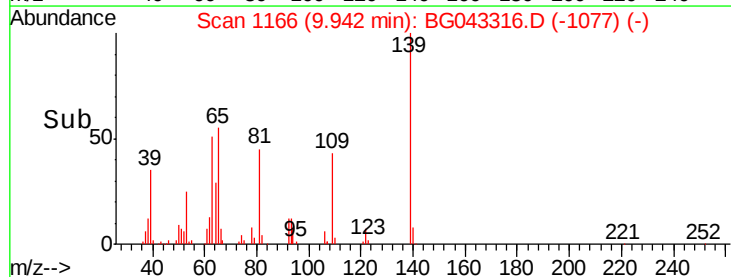
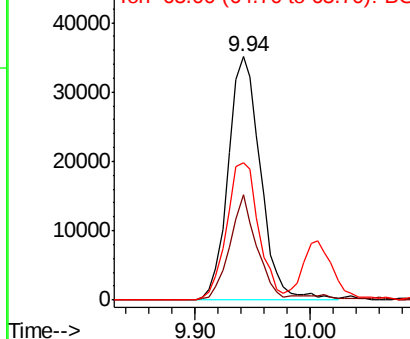
Lab File: BG043316.D

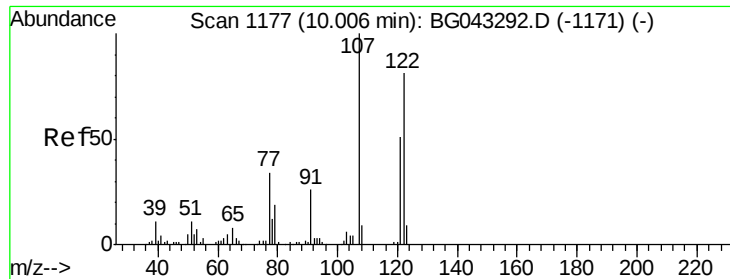
Acq: 23 Oct 2019 19:58

Tgt Ion:	139	Resp:	68324
Ion Ratio	Lower	Upper	
139	100		
109	43.1	30.1	45.1
65	56.3	46.1	69.1



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





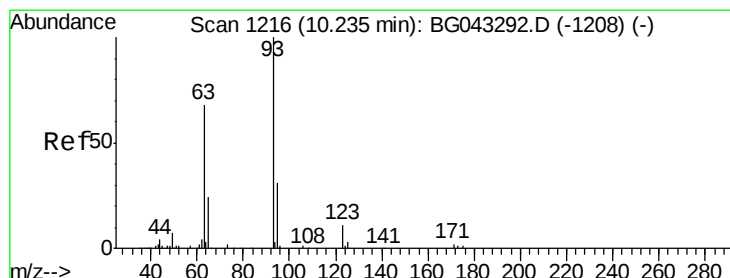
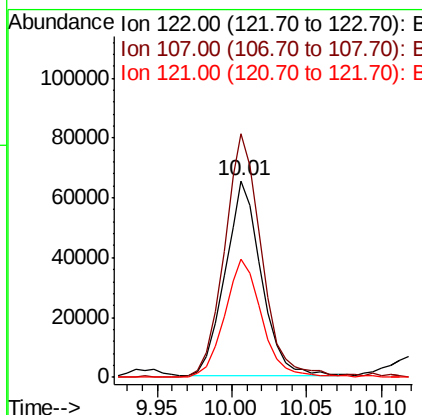
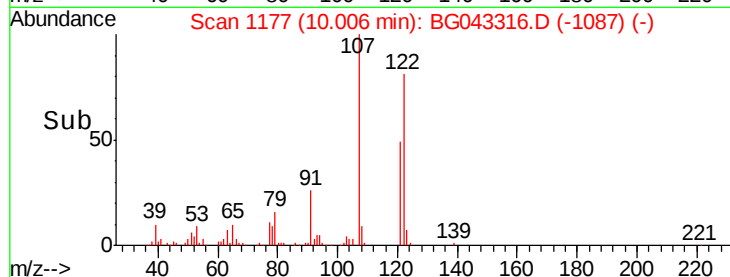
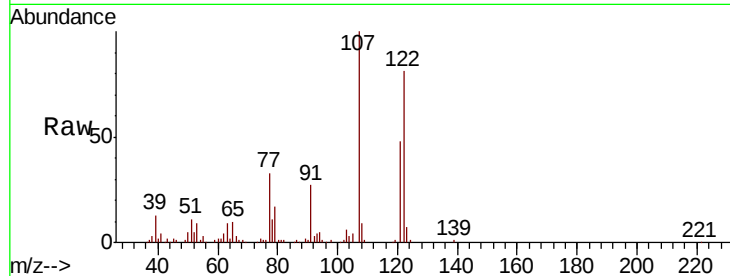
#27
2,4-Dimethylphenol
Concen: 61.434 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	109856		
107	123.9	98.6	147.8	
121	60.0	50.1	75.1	

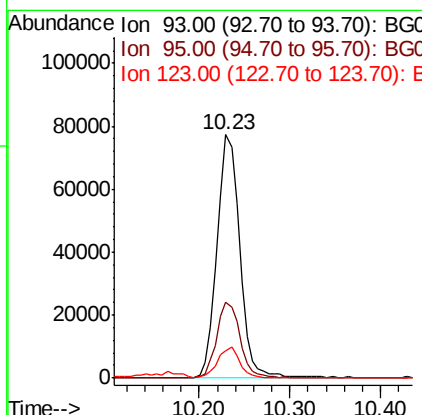
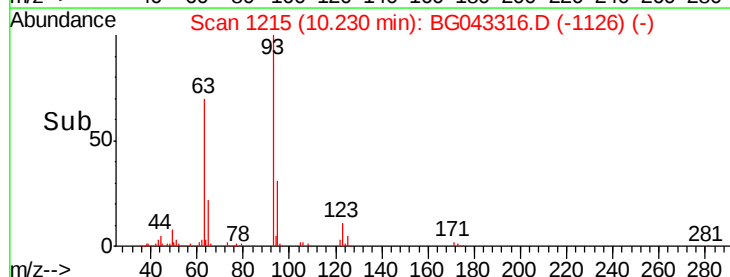
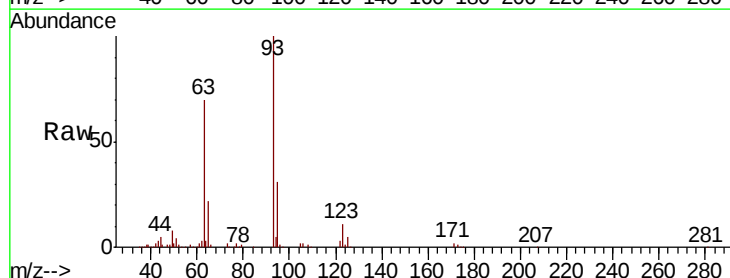
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#28
bis(2-Chloroethoxy)methane
Concen: 49.550 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	135637		
95	31.0	24.9	37.3	
123	11.1	8.9	13.3	





#29

2,4-Dichlorophenol

Concen: 55.668 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

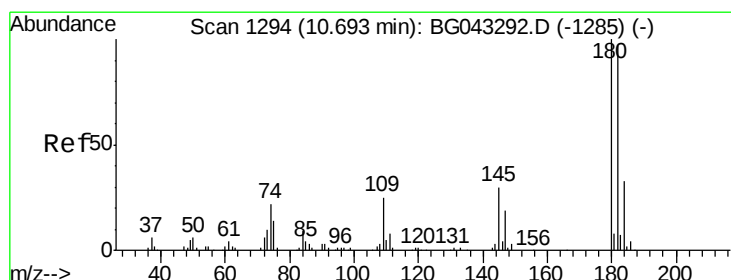
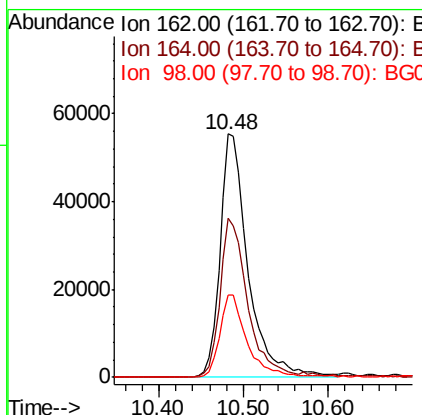
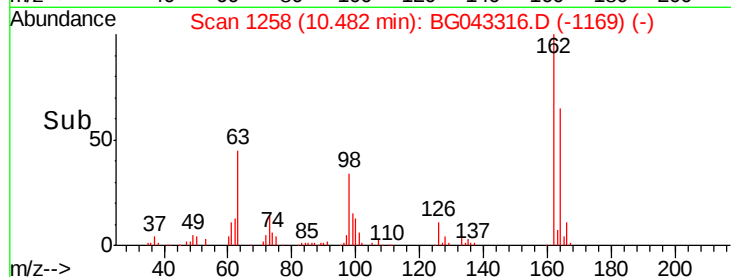
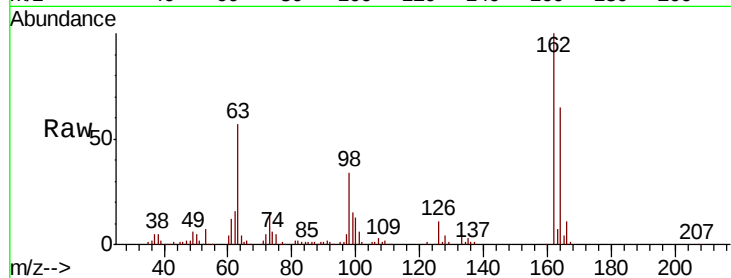
ClientSampleId :

BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	37.3	77.3
98	33.9	11.8	51.8

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#30

1,2,4-Trichlorobenzene

Concen: 52.086 ng

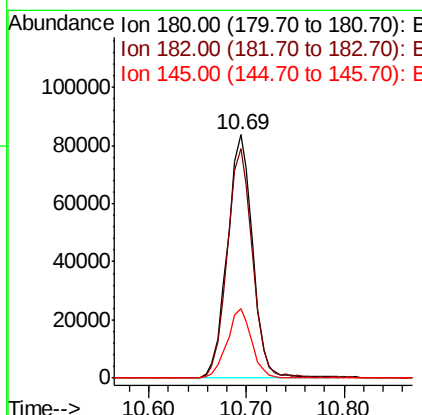
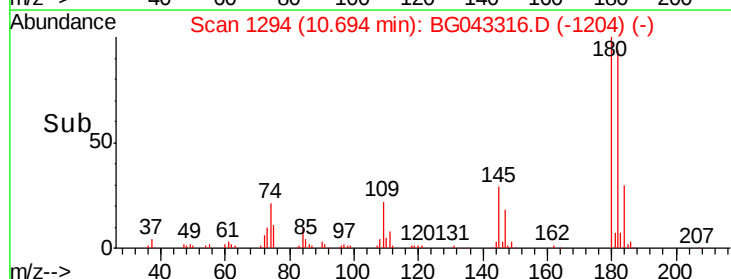
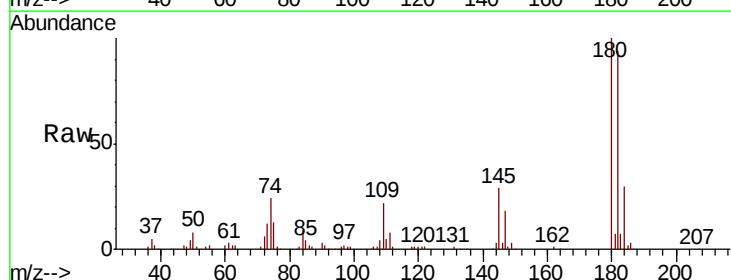
RT: 10.69 min Scan# 1294

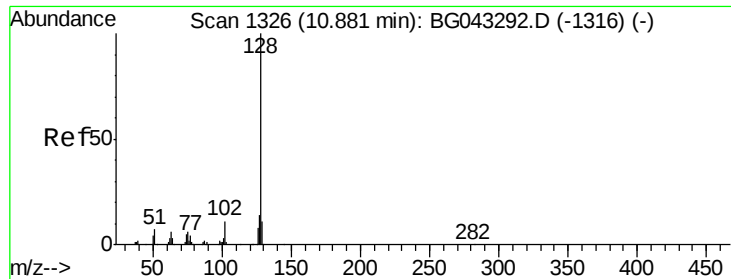
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.8	116.8
145	28.6	23.6	35.4





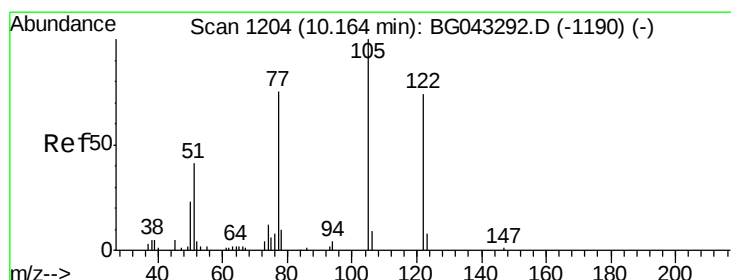
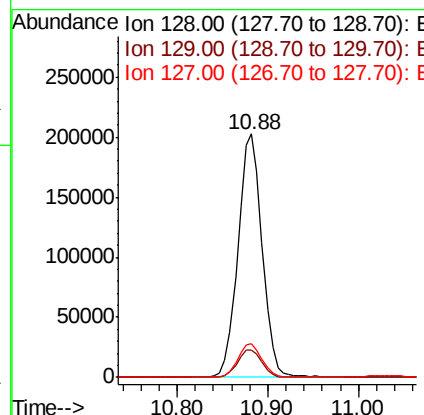
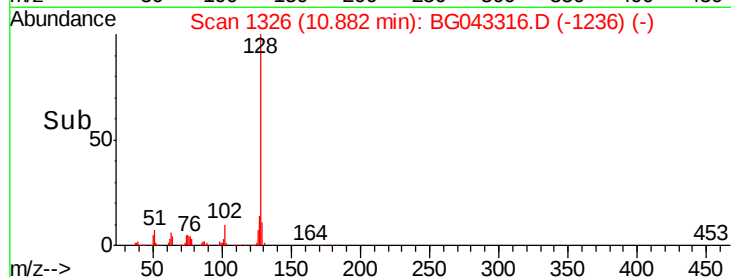
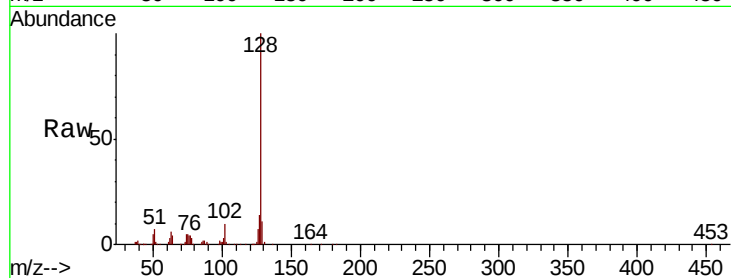
#31
Naphthalene
Concen: 52.893 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	375493		
129	11.1		8.6	12.8
127	13.8		11.5	17.3

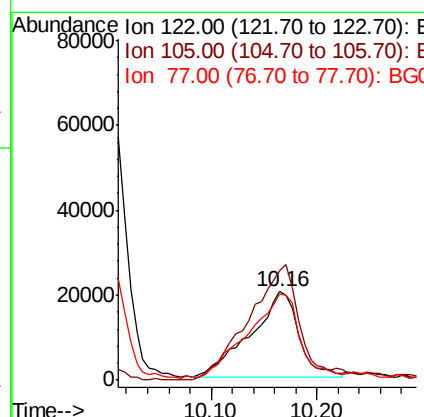
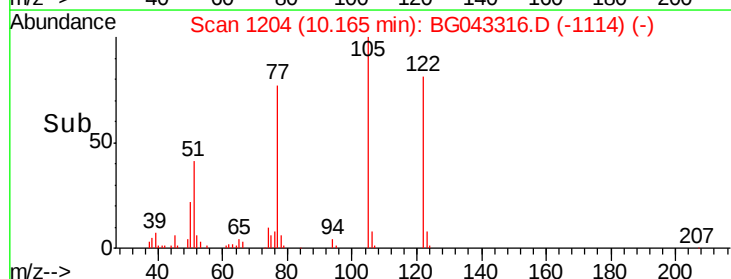
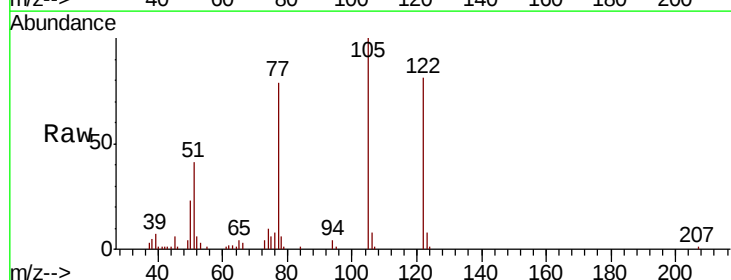
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#32
Benzoic acid
Concen: 46.865 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	63629		
105	123.7		112.4	152.4
77	98.0		82.7	122.7





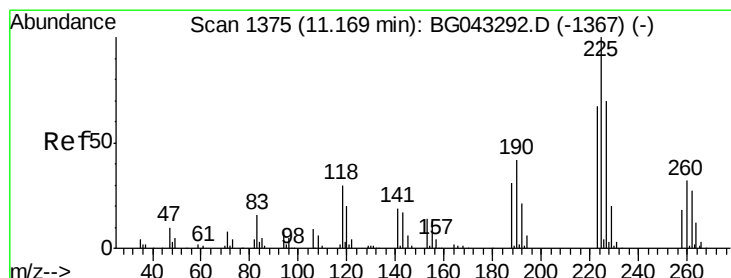
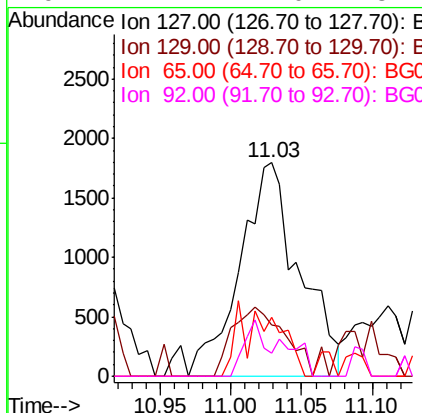
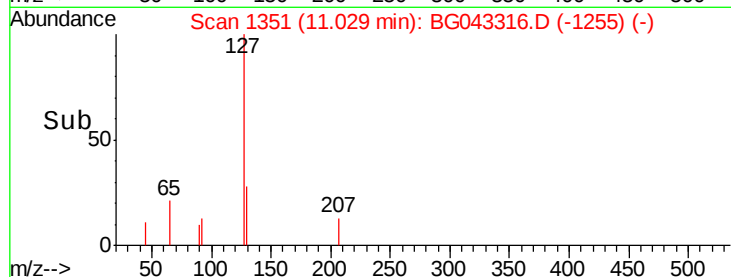
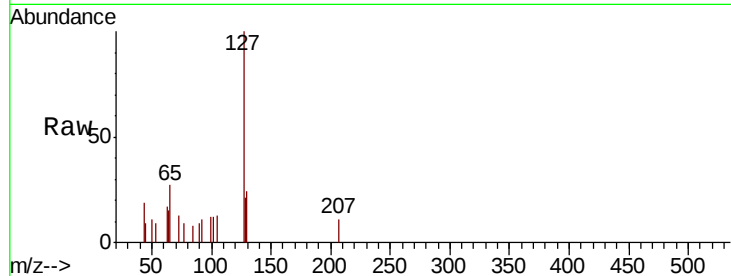
#33
4-Chloroaniline
Concen: 1.825 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		5310		
129	24.0	25.8	38.8#		
65	27.5	26.2	39.2		
92	11.1	17.0	25.4#		

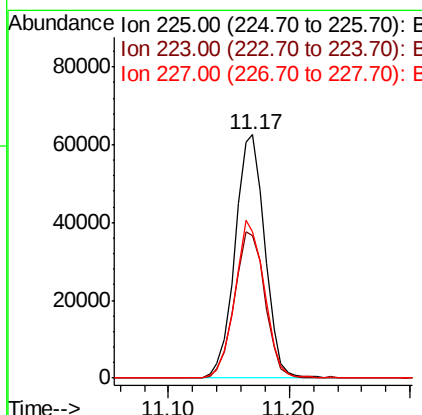
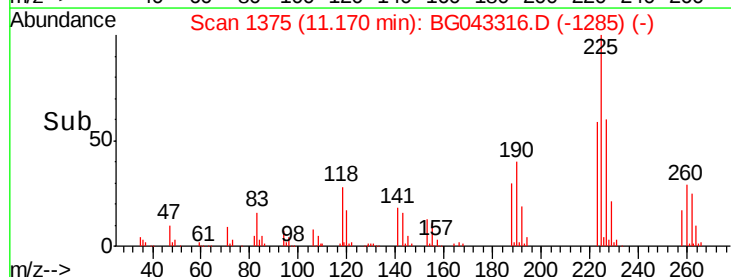
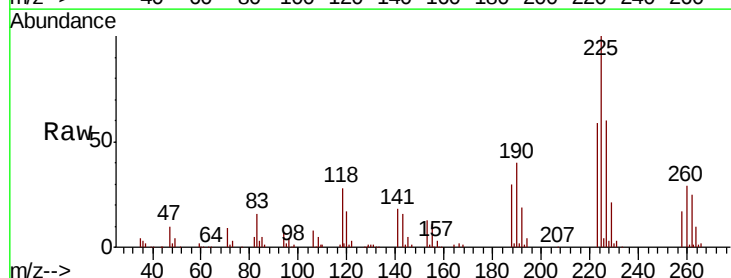
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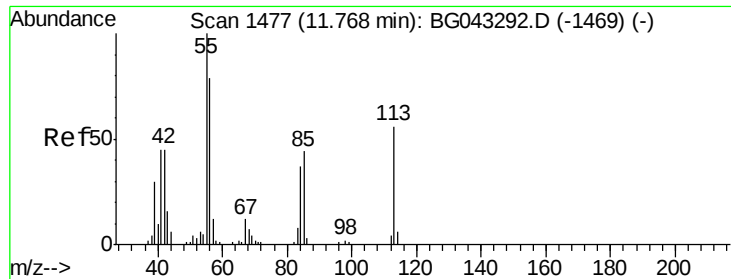
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#34
Hexachlorobutadiene
Concen: 50.314 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		107403		
223	58.7	53.2	79.8		
227	60.1	56.2	84.2		





#35

Caprolactam

Concen: 52.650 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

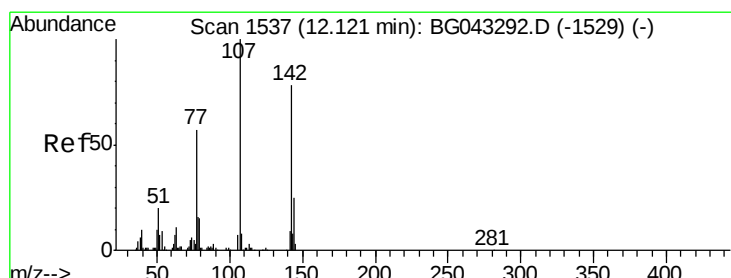
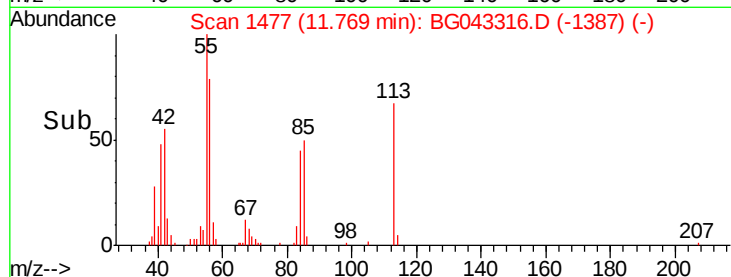
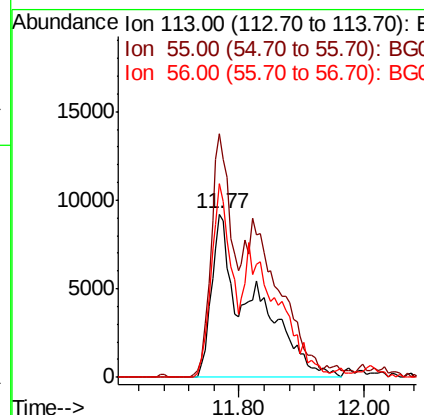
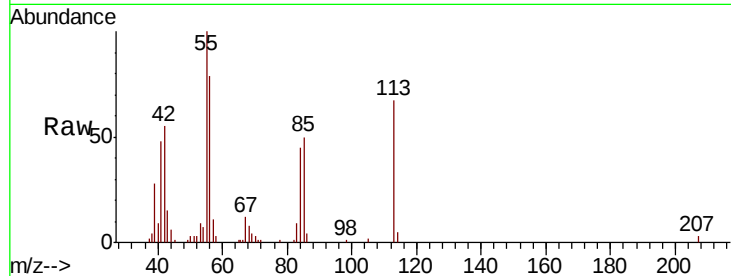
ClientSampleId :

BU-03-102119MS

Tot Ion:	113	Resp:	41546
Ion	Ratio	Lower	Upper
113	100		
55	148.9	158.9	198.9#
56	118.3	121.4	161.4#

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#36

4-Chloro-3-methylphenol

Concen: 58.556 ng/mL

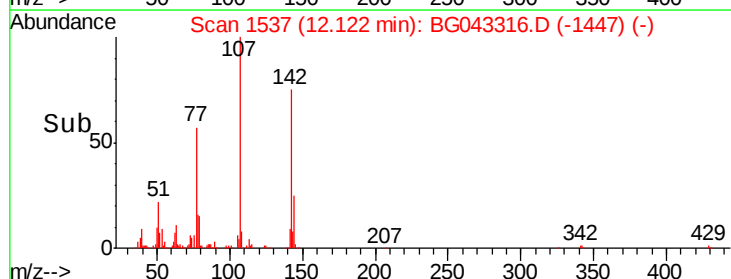
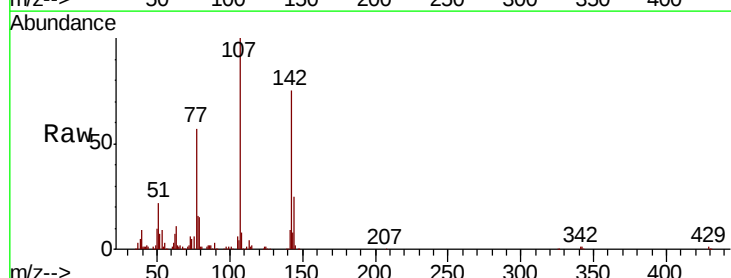
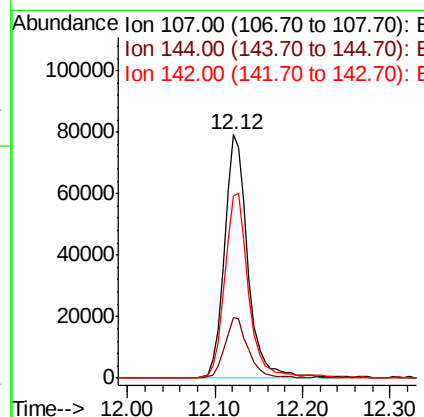
RT: 12.12 min Scan# 1537

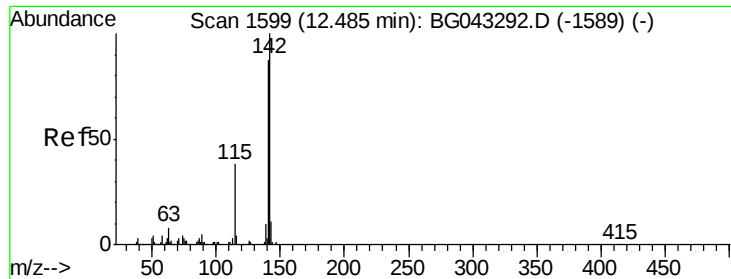
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	107	Resp:	146343
Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.9	29.9
142	74.8	62.1	93.1





#37

2-Methylnaphthalene

Concen: 53.438 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

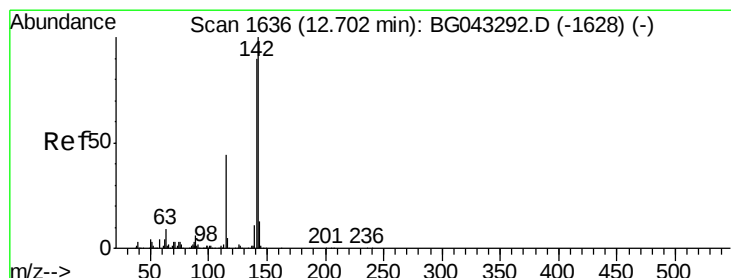
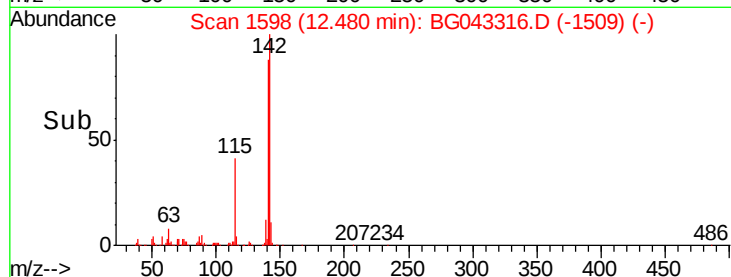
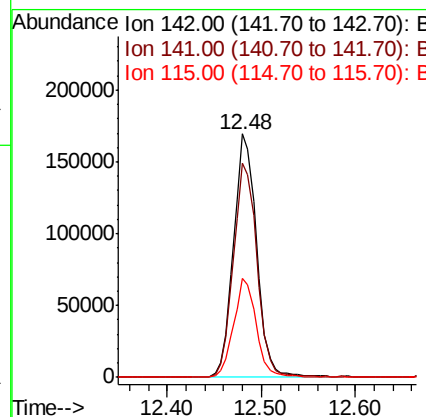
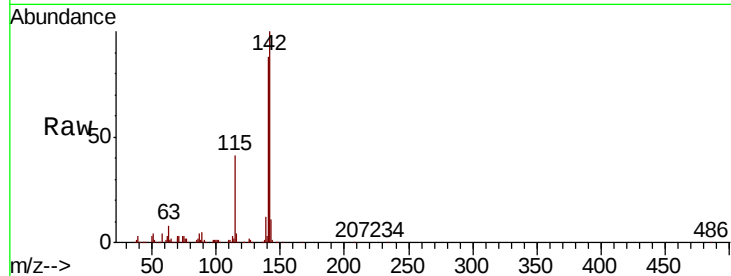
ClientSampleId :

BU-03-102119MS

Tot Ion:	142	Resp:	291077
Ion Ratio	Lower	Upper	
142	100		
141	88.1	69.7	104.5
115	40.8	30.6	46.0

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#38

1-Methylnaphthalene

Concen: 52.902 ng

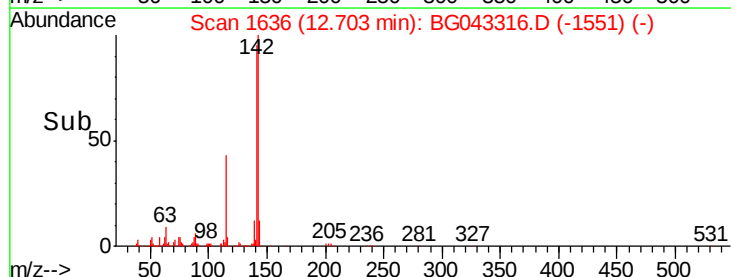
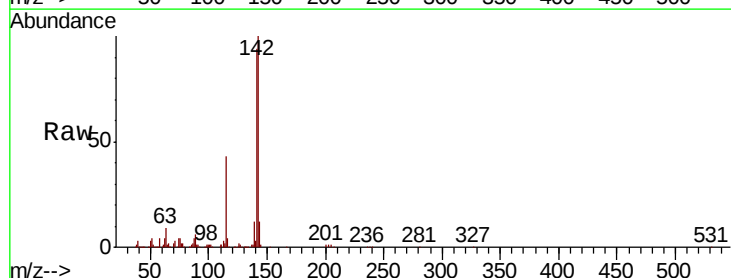
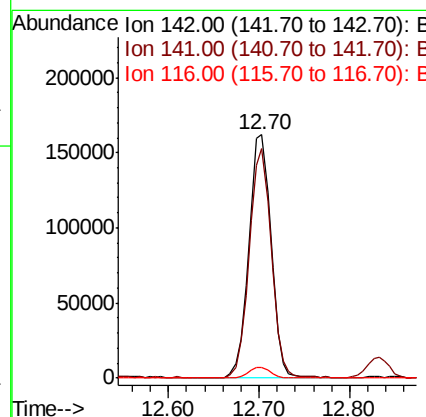
RT: 12.70 min Scan# 1636

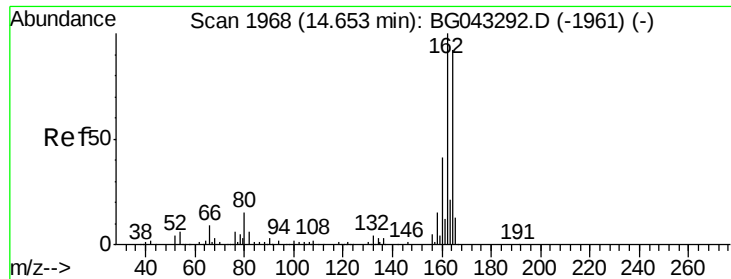
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	142	Resp:	274177
Ion Ratio	Lower	Upper	
142	100		
141	94.4	72.3	108.5
116	4.5	3.8	5.6





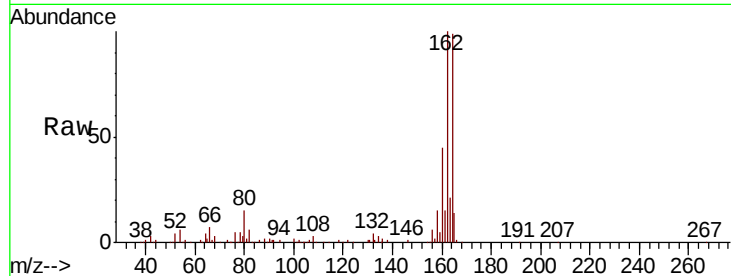
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	87.0	130.4
160	45.5	35.5	53.3

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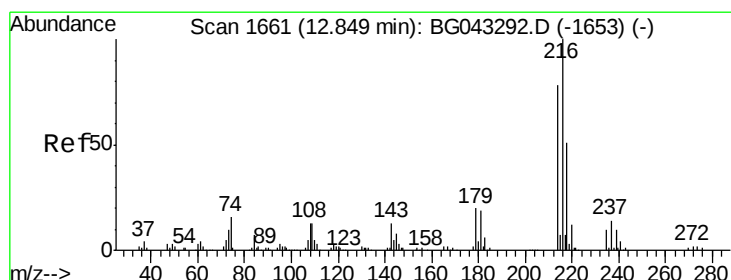
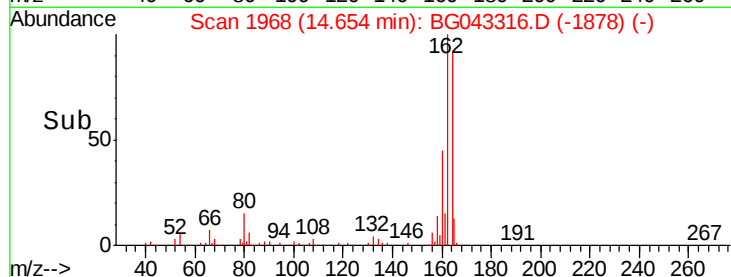
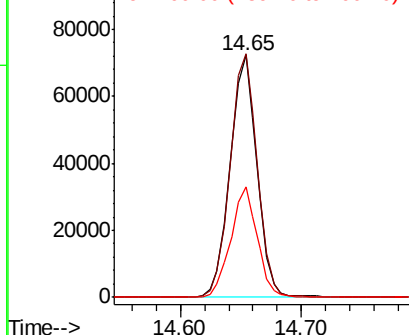


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.891 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.5	95.3
179	19.6	16.2	24.2
108	17.0	11.2	16.8#

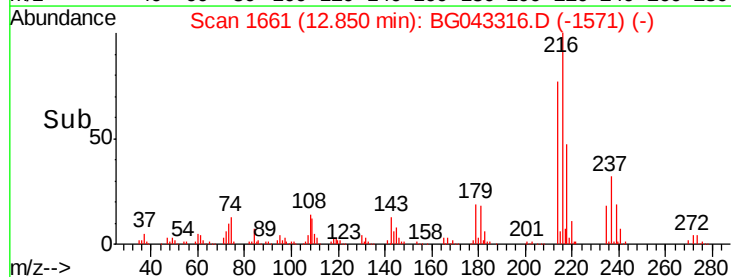
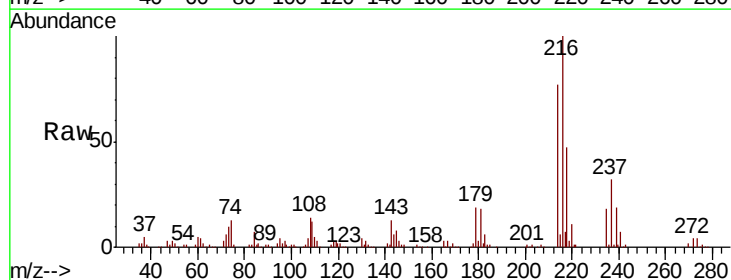
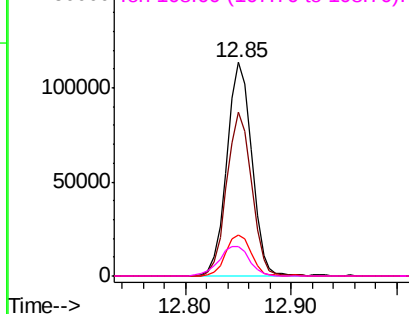
Abundance

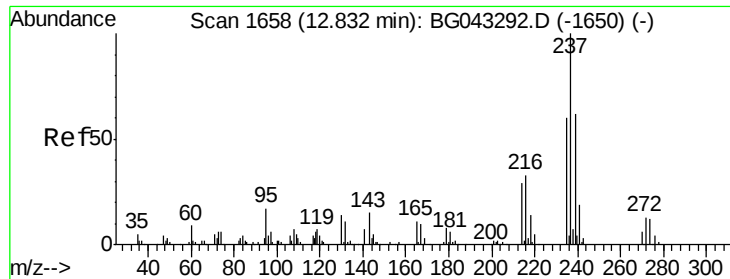
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 111.395 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

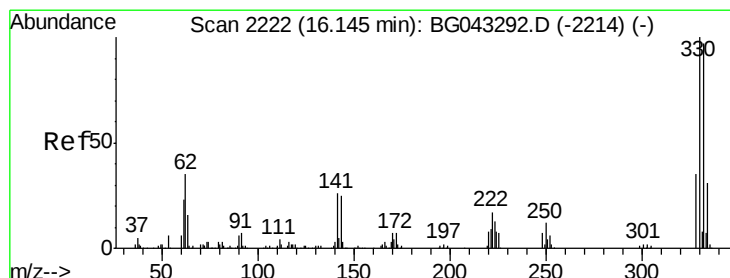
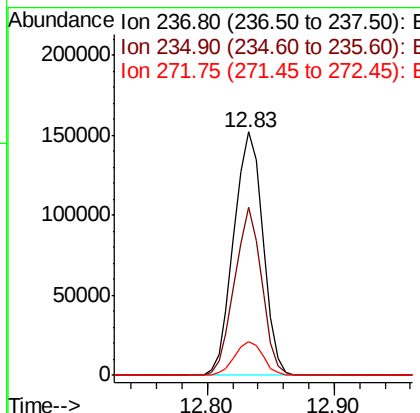
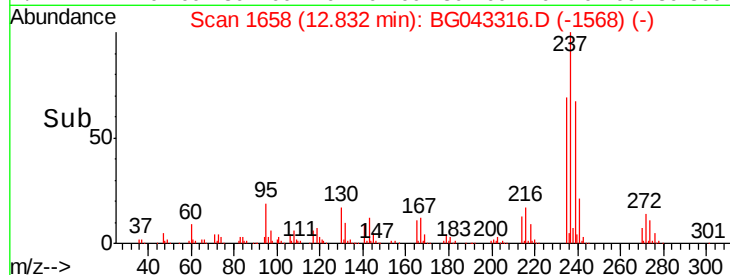
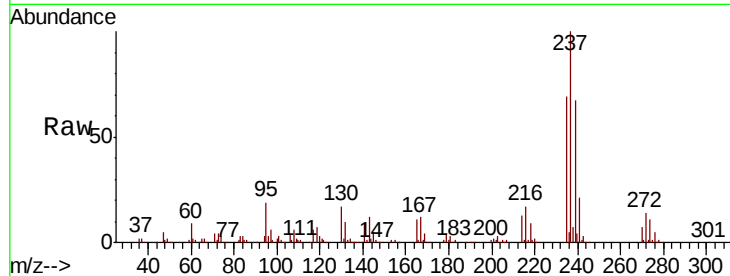
ClientSampleId :

BU-03-102119MS

Tot Ion:	237	Resp:	241836
Ion Ratio	Lower	Upper	
237	100		
235	69.3	40.3	80.3
272	14.1	0.0	32.9

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#42

2,4,6-Tribromophenol

Concen: 138.770 ng

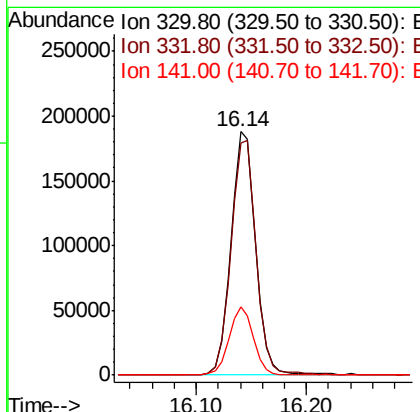
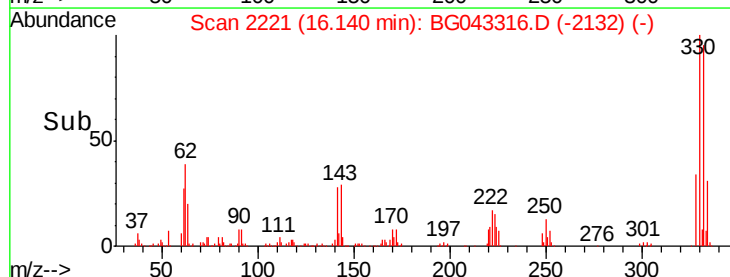
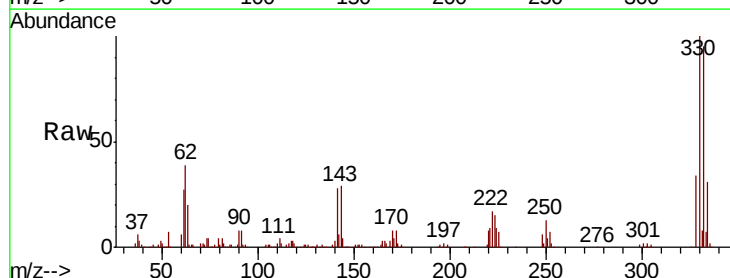
RT: 16.14 min Scan# 2221

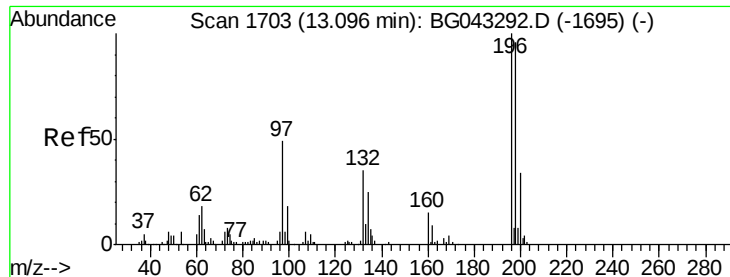
Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	330	Resp:	294900
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.4	114.6
141	27.8	21.4	32.0





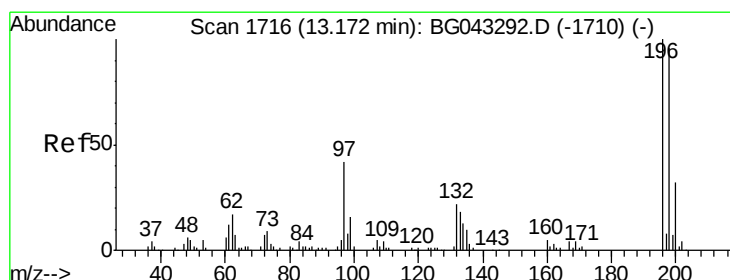
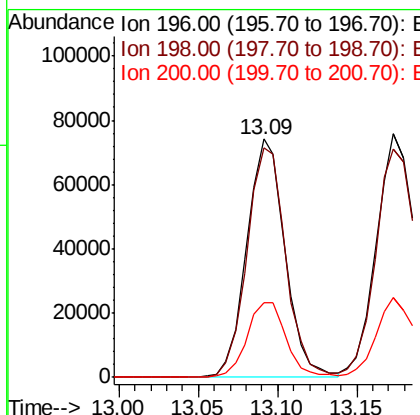
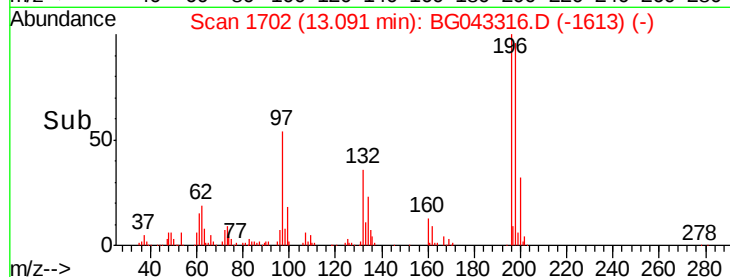
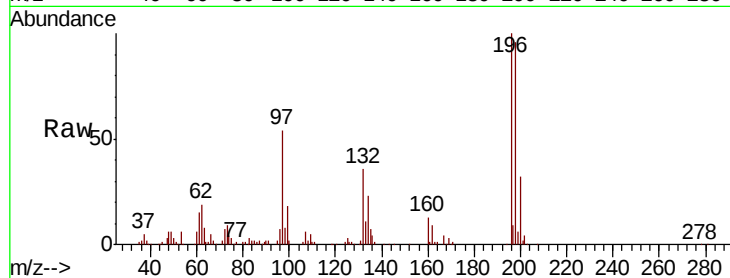
#43
 2,4,6-Trichlorophenol
 Concen: 51.044 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.0	115.4
200	31.5	27.4	41.2

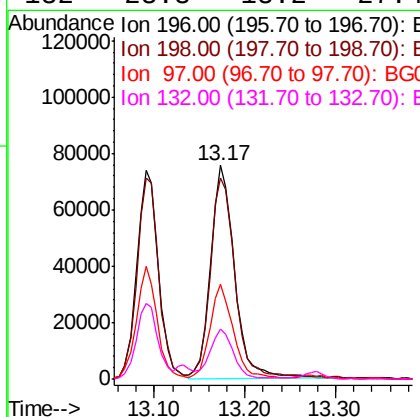
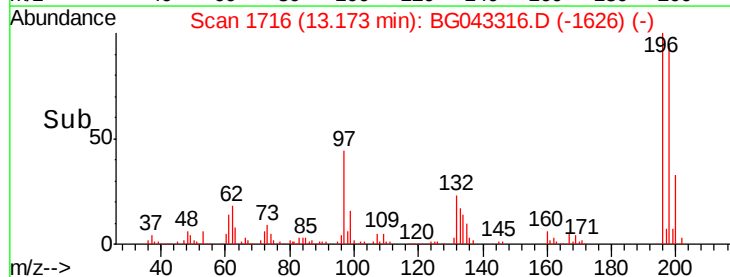
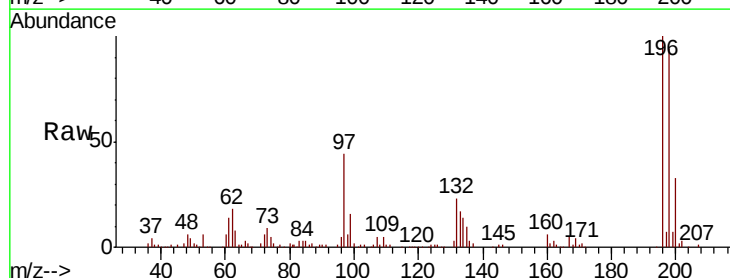
Manual Integrations
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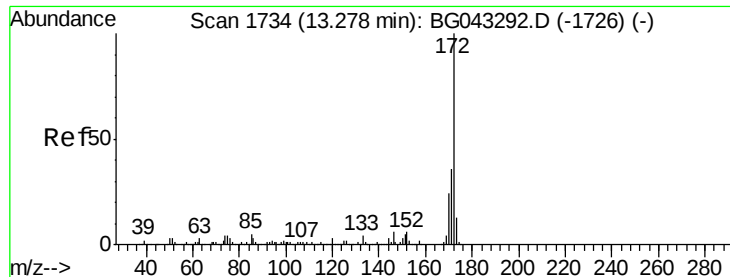
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 56.444 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	114.8
97	44.1	34.1	51.1
132	23.3	18.2	27.4





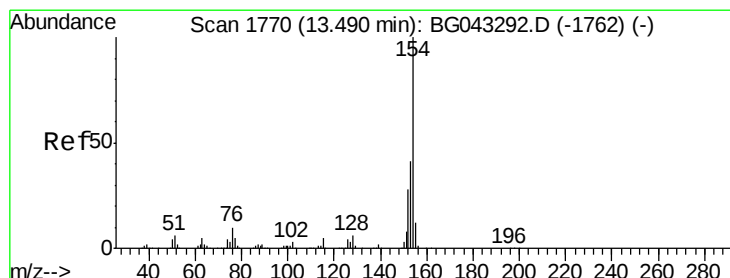
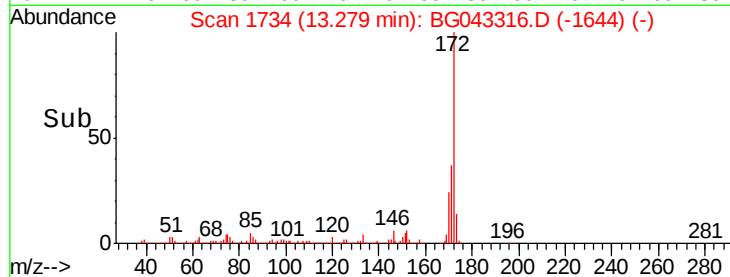
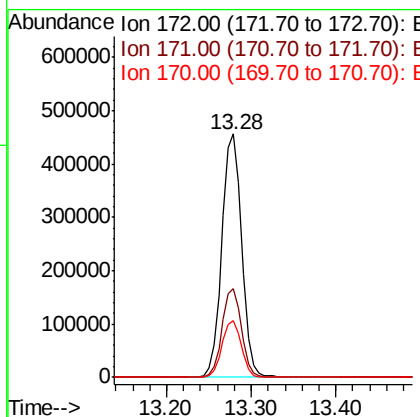
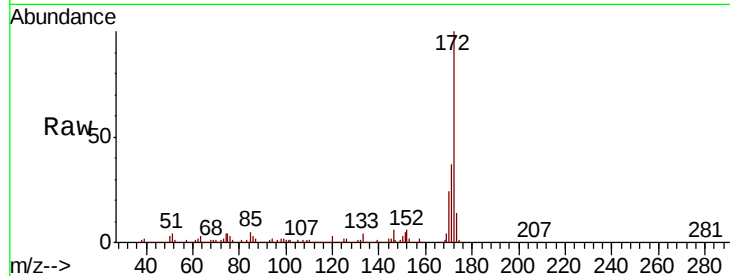
#45
 2-Fluorobiphenyl
 Concen: 91.918 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tot Ion:172	Resp:	742836
Ion Ratio	Lower	Upper
172	100	
171	36.6	28.5 42.7
170	23.5	18.8 28.2

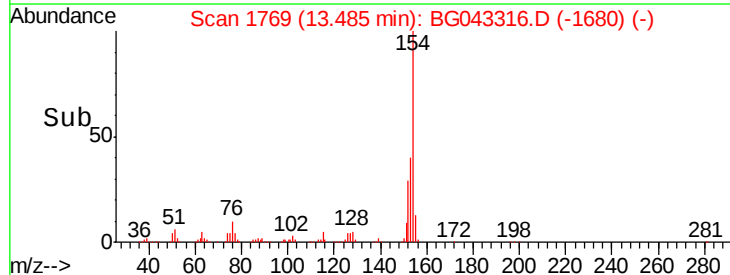
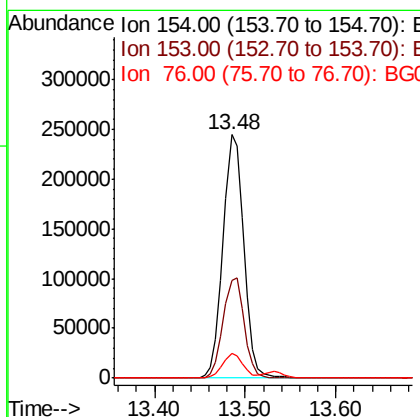
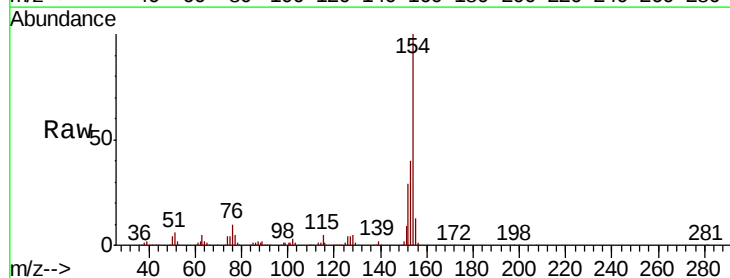
Manual Integrations
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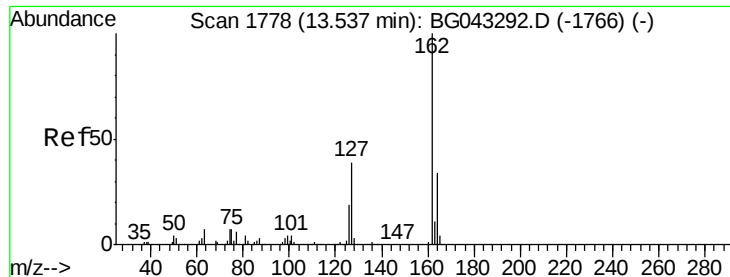
mohammad
 10/24/2019 2:11:41 PM



#46
 1,1'-Biphenyl
 Concen: 46.024 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:154	Resp:	390985
Ion Ratio	Lower	Upper
154	100	
153	40.2	21.0 61.0
76	10.4	0.0 29.8





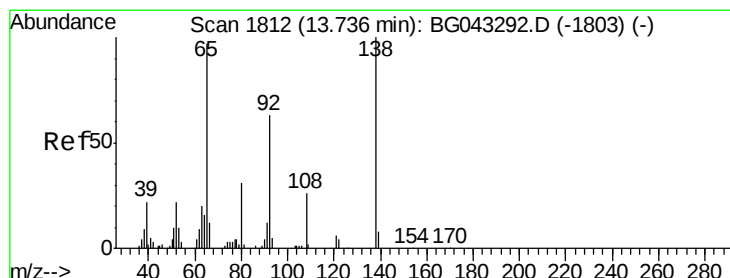
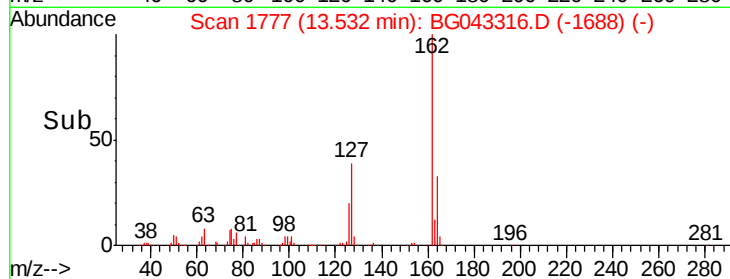
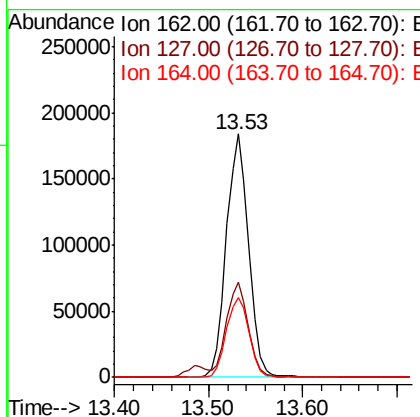
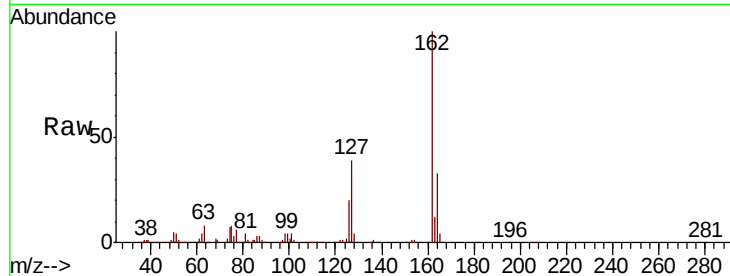
#47
 2-Chloronaphthalene
 Concen: 46.767 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	32.6	26.8	40.2

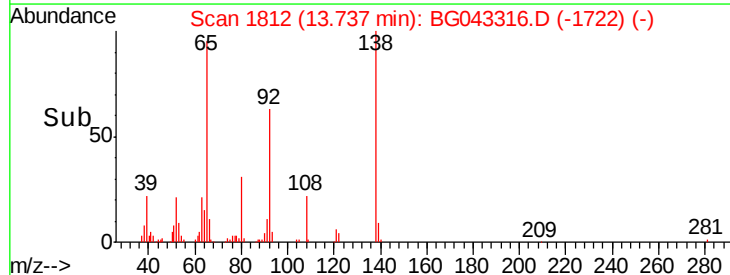
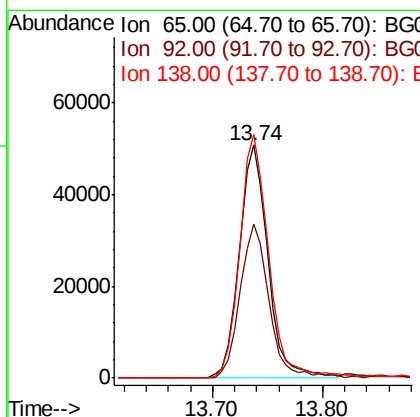
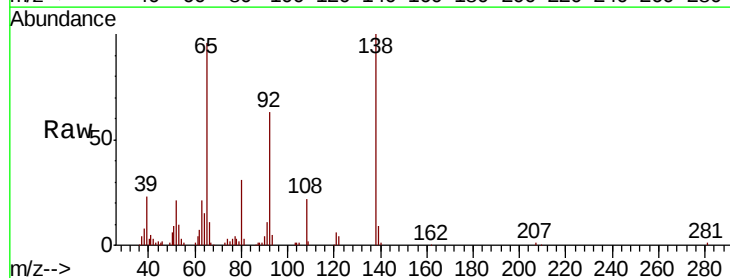
Manual Integrations
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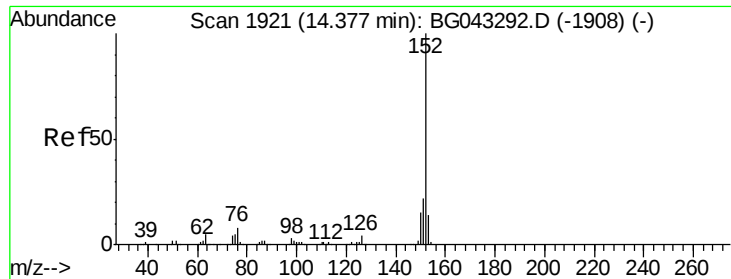
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#48
 2-Nitroaniline
 Concen: 48.164 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.6	79.0
138	104.5	82.9	124.3





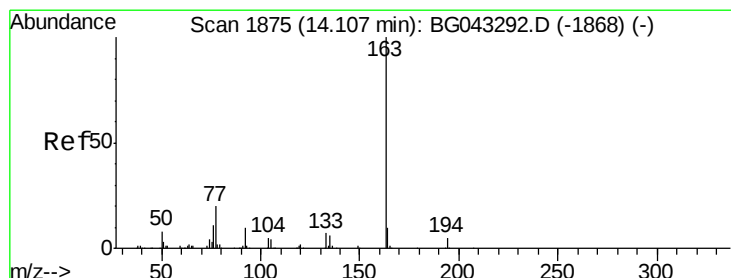
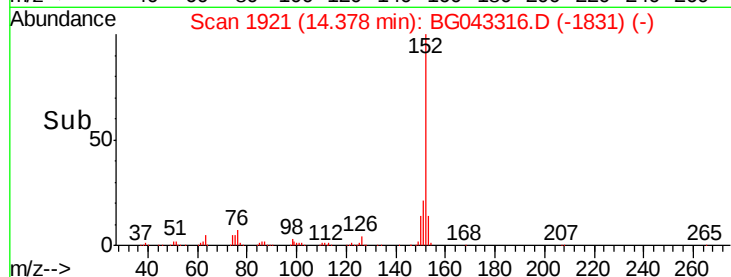
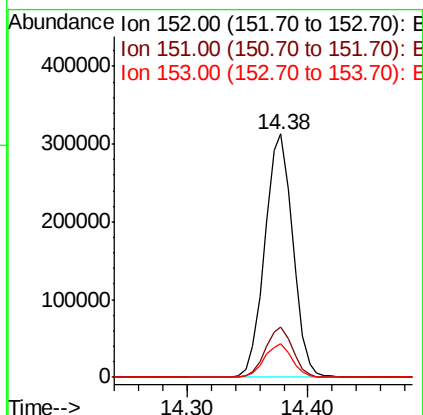
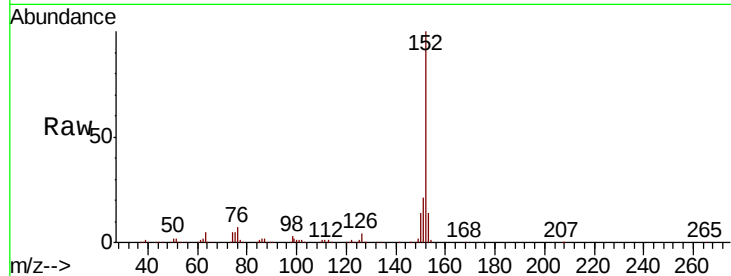
#49
Acenaphthylene
Concen: 49.870 ng
RT: 14.38 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.2	25.8
153	13.7	11.0	16.6

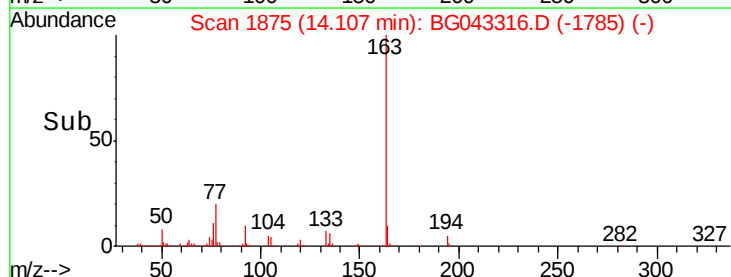
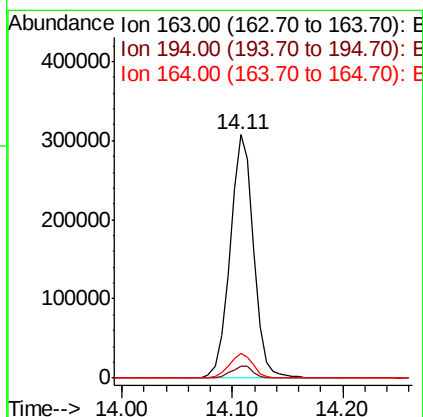
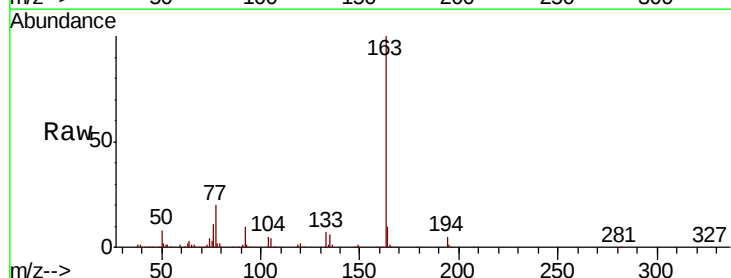
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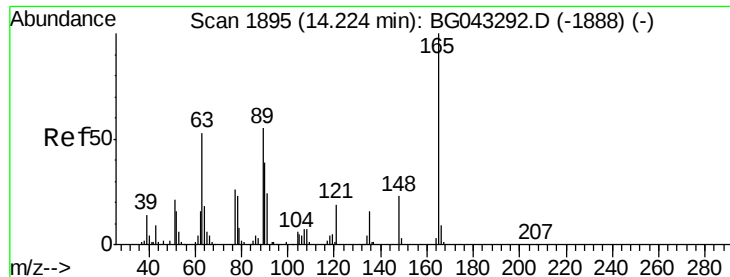
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#50
Dimethylphthalate
Concen: 52.977 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.4	8.1	12.1





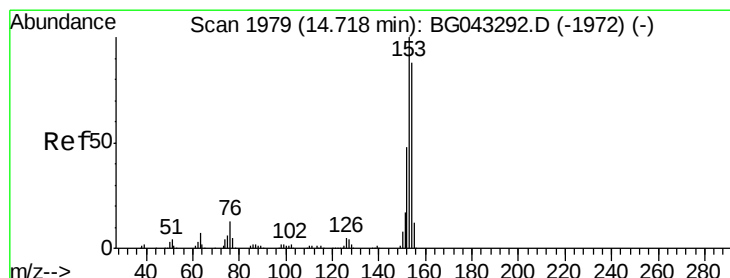
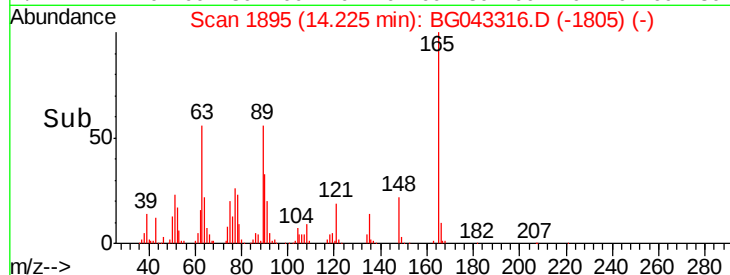
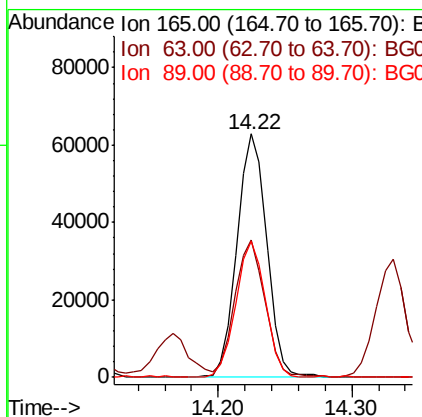
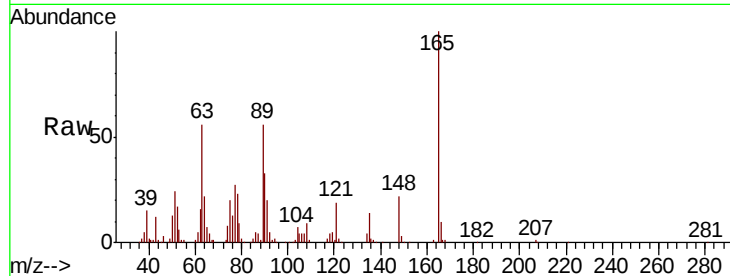
#51
2,6-Dinitrotoluene
Concen: 51.702 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	47.1	70.7
89	55.8	43.7	65.5

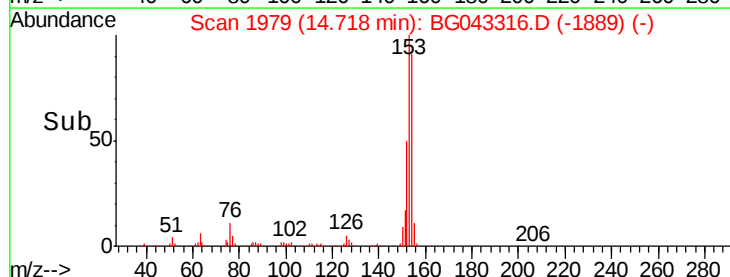
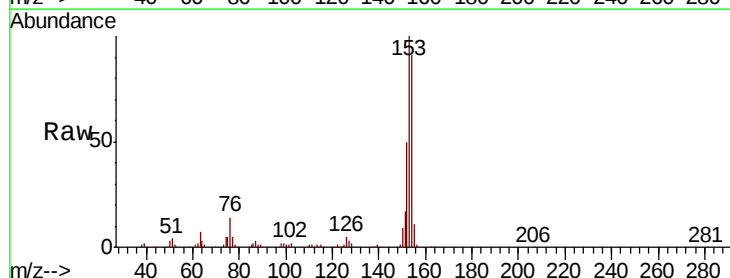
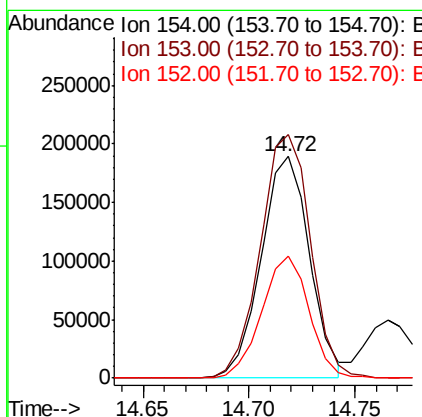
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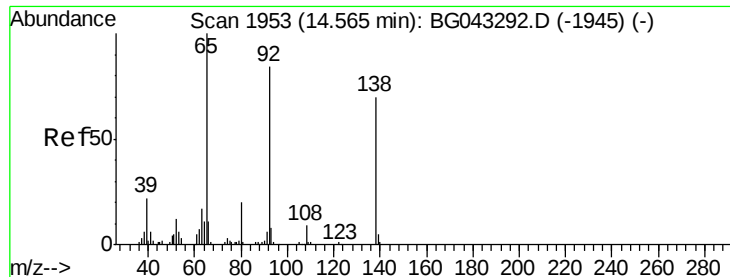
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#52
Acenaphthene
Concen: 49.217 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.9	136.3
152	54.9	43.9	65.9





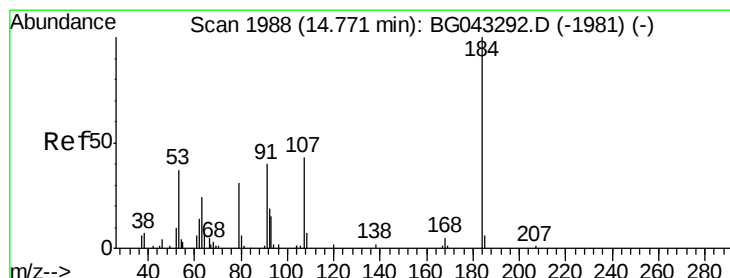
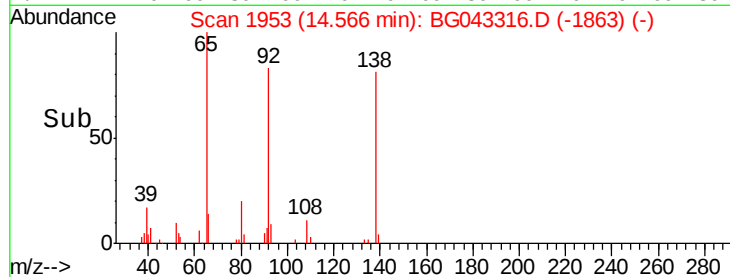
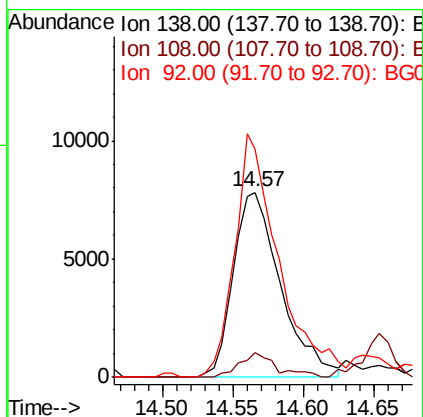
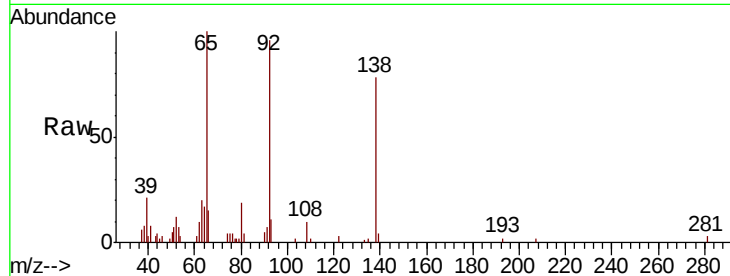
#53
3-Nitroaniline
Concen: 10.096 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	9.8	14.6
92	123.3	95.8	143.6

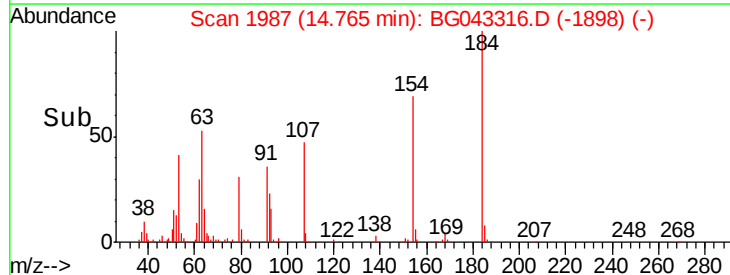
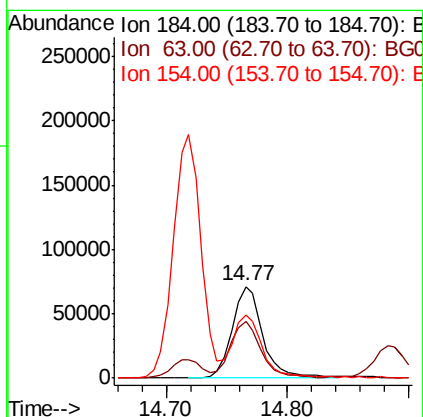
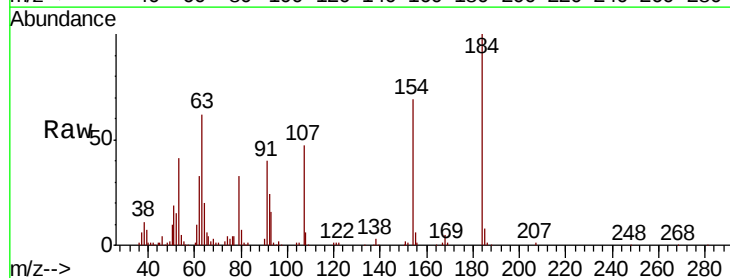
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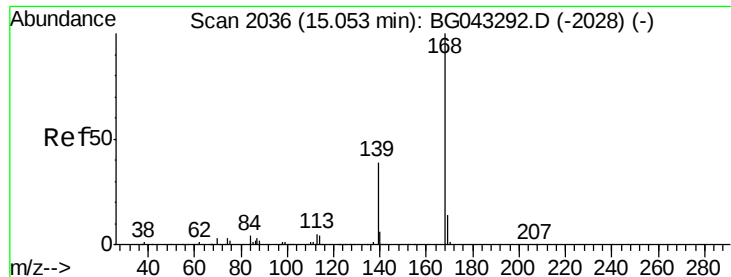
mohammad
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#54
2,4-Dinitrophenol
Concen: 104.593 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	48.8	73.2
154	69.0	49.4	74.0





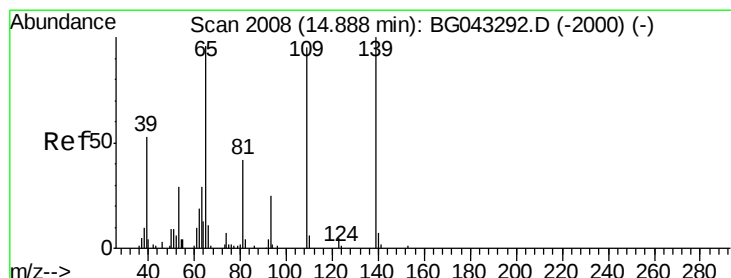
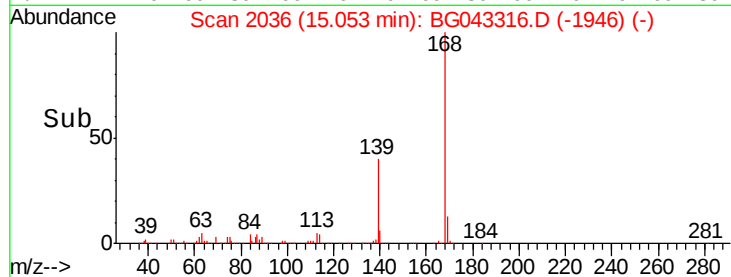
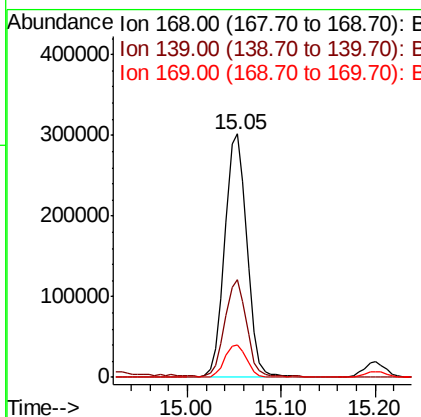
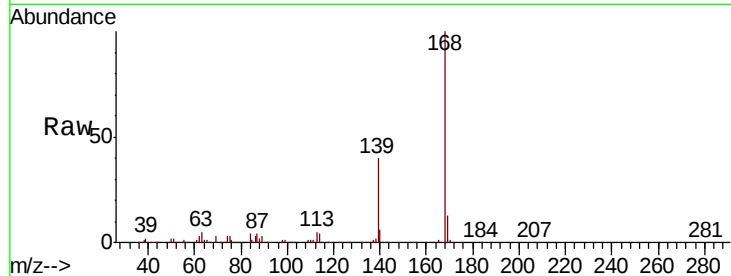
#55
Dibenzenofuran
Concen: 49.907 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.7	47.5
169	13.5	11.0	16.4

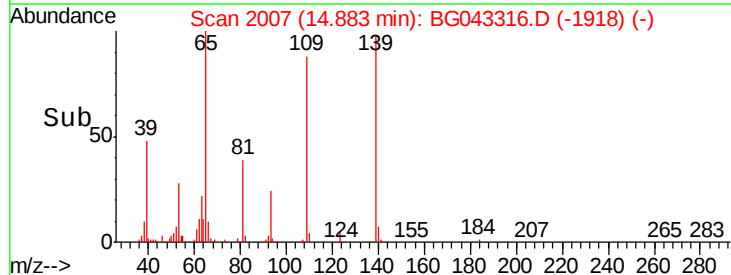
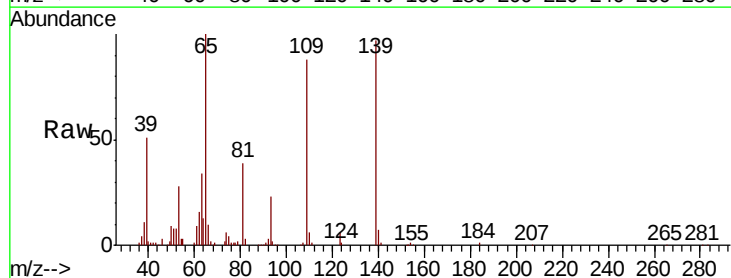
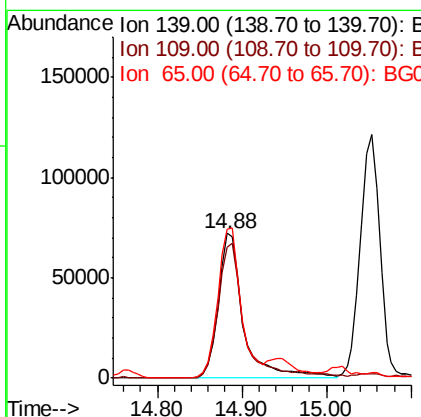
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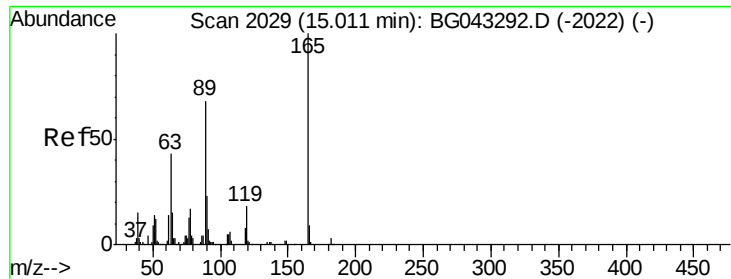
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#56
4-Nitrophenol
Concen: 124.432 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.4	75.4	115.4
65	102.8	76.6	116.6





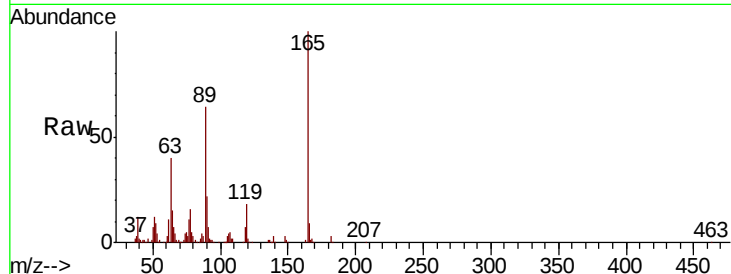
#57
2,4-Dinitrotoluene
Concen: 53.489 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

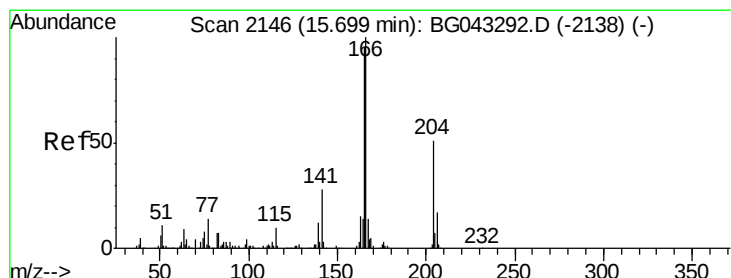
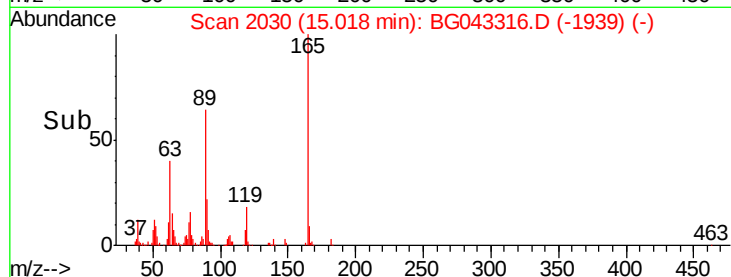
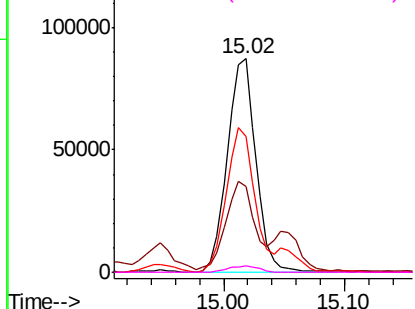
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		143645		
63	40.1		35.0	52.6	
89	63.7		54.1	81.1	
182	2.8		2.2	3.2	

Manual Integrations
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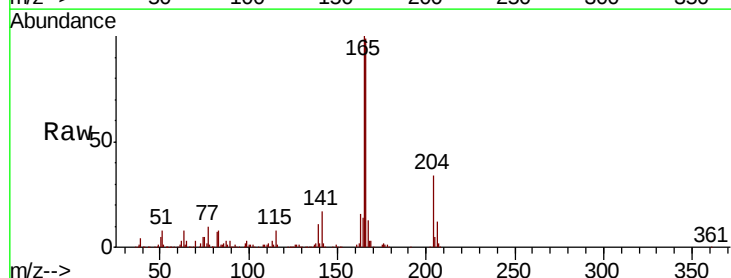


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

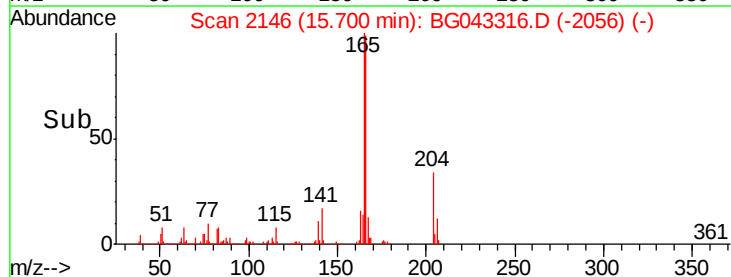
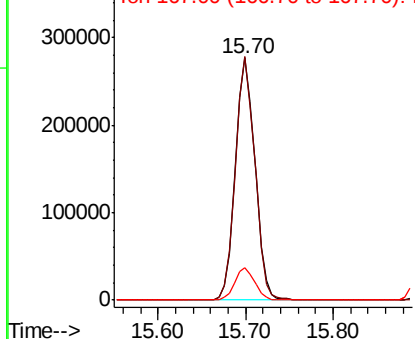


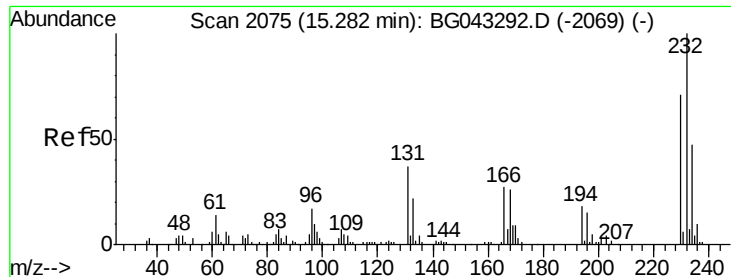
#58
Fluorene
Concen: 50.466 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		421099		
165	100.6		76.4	114.6	
167	13.4		11.1	16.7	



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





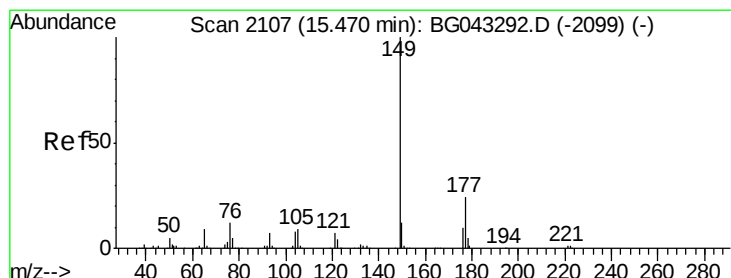
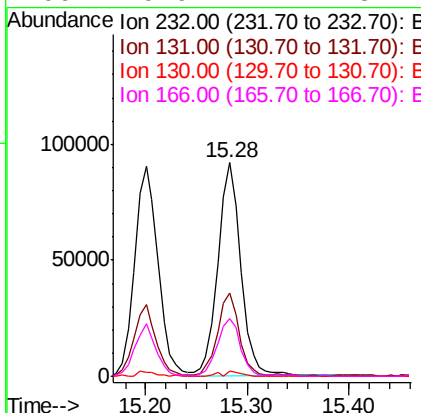
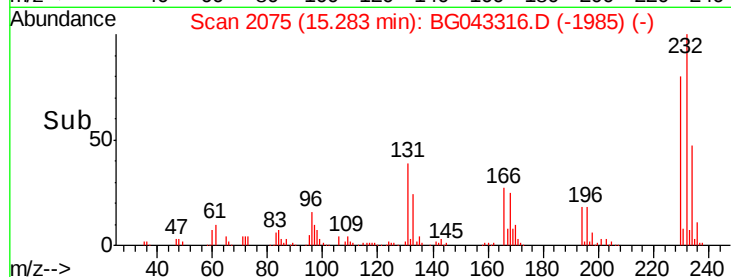
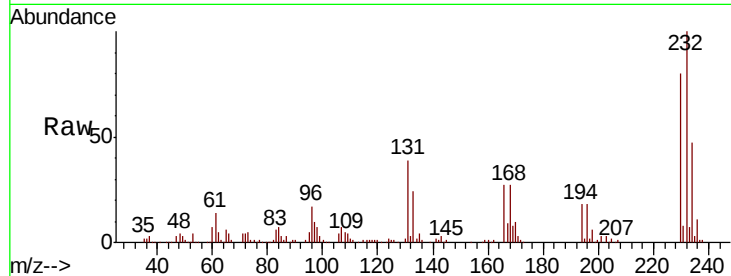
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.244 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	144420		
131	37.7	28.7	43.1	
130	1.9	0.6	0.8	
166	26.6	21.1	31.7	

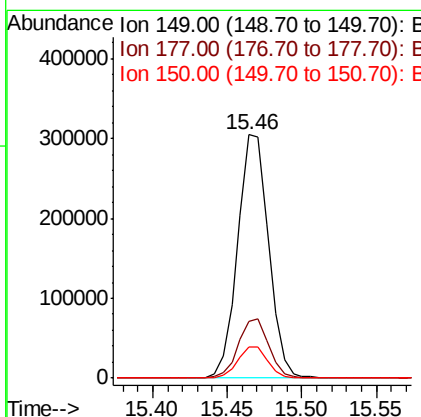
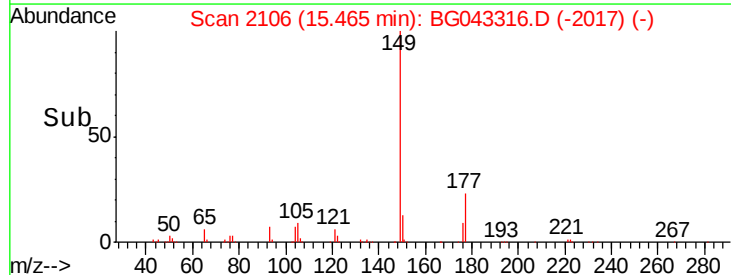
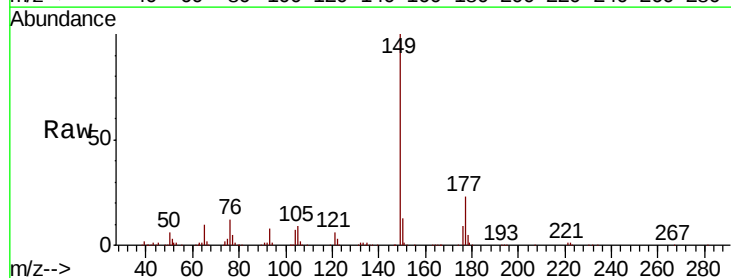
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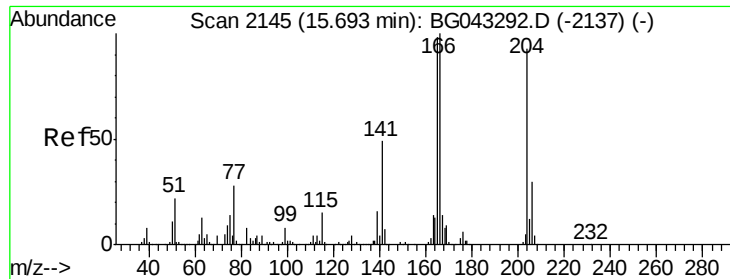
mohammad
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#60
 Diethylphthalate
 Concen: 50.529 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	439153		
177	23.1	19.0	28.4	
150	12.9	9.4	14.0	





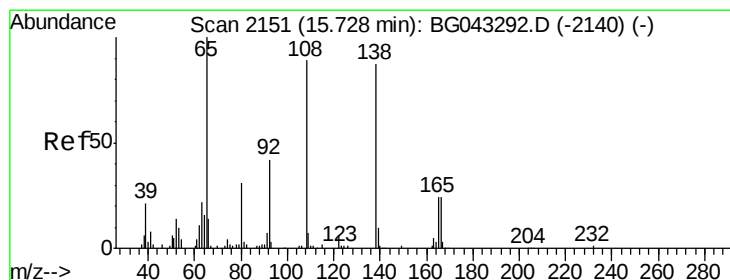
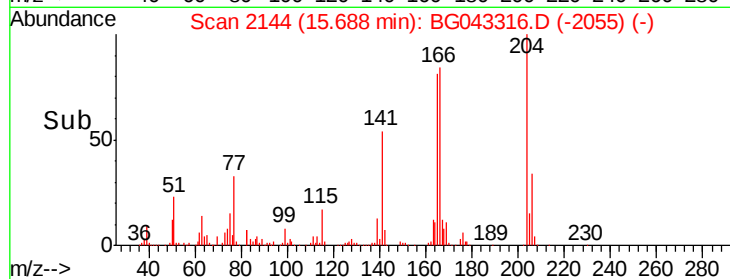
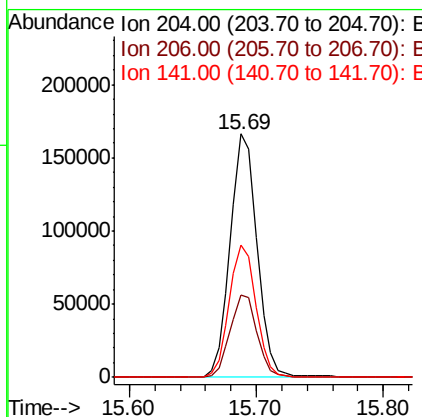
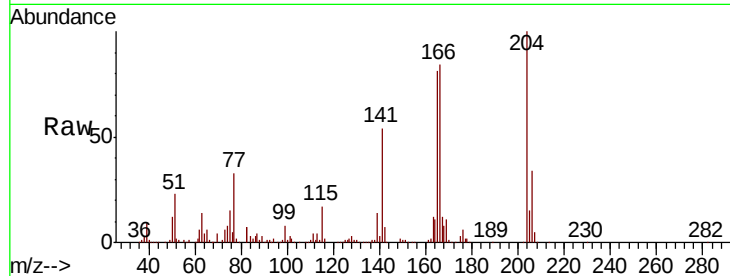
#61
4-Chlorophenyl-phenylether
Concen: 50.084 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.7	38.5
141	54.4	42.3	63.5

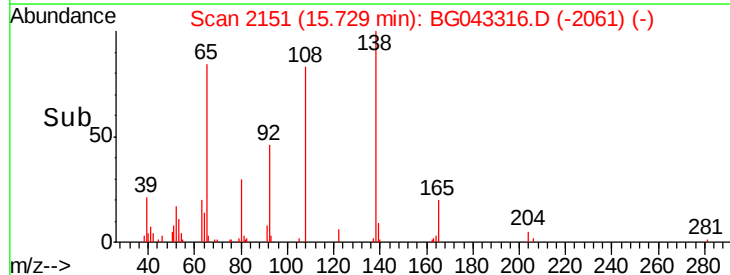
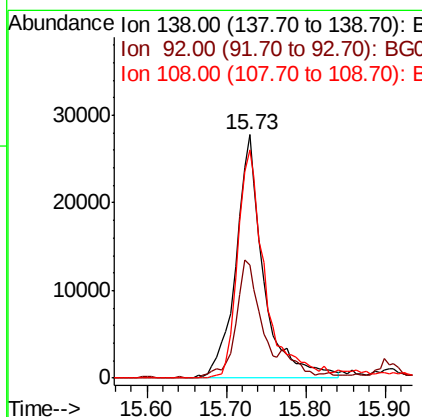
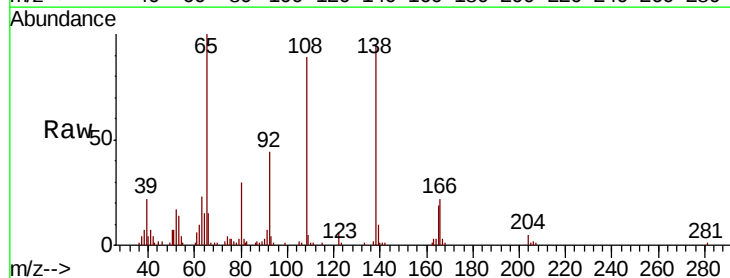
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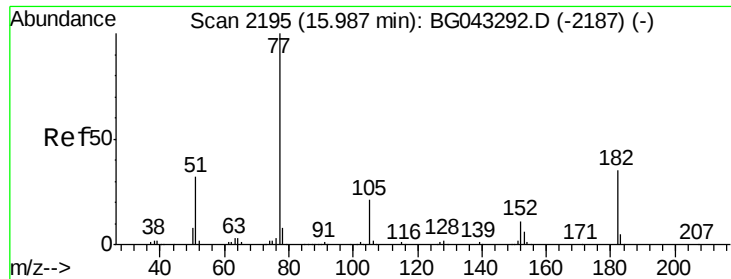
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#62
4-Nitroaniline
Concen: 35.823 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.8	68.8
108	93.6	82.7	122.7





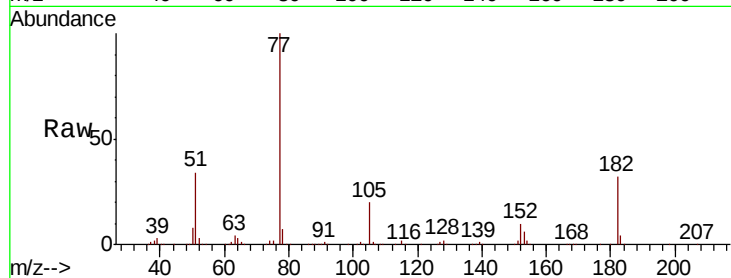
#63
Azobenzene
Concen: 50.907 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

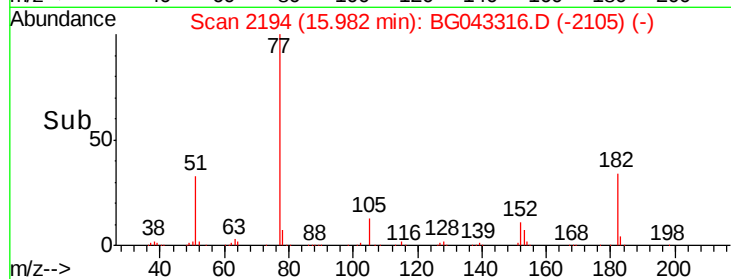
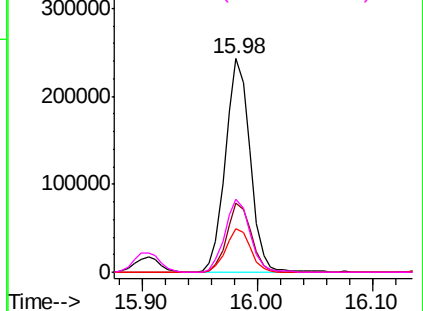
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.4	14.9	54.9
105	20.1	0.6	40.6
51	33.9	12.5	52.5

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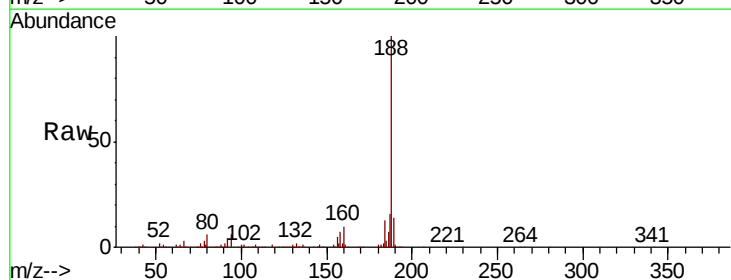


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

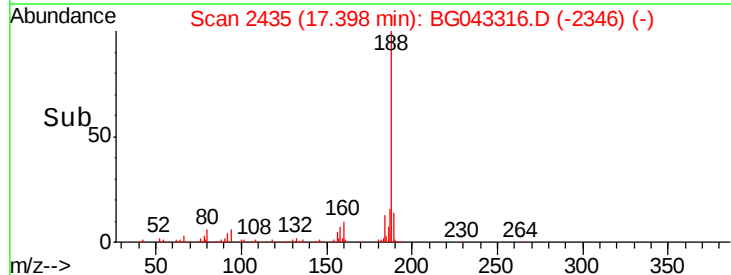
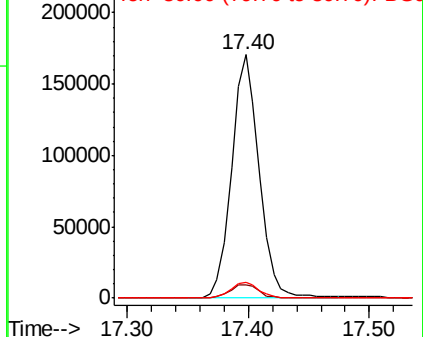


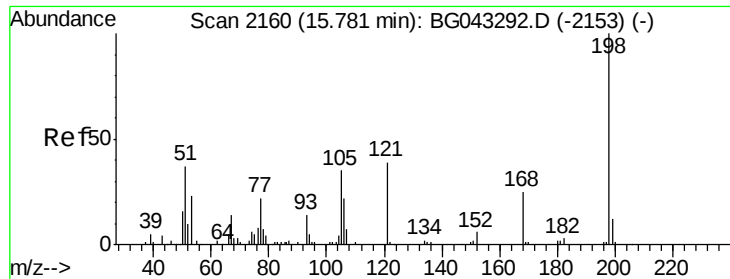
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	6.4	5.2	7.8



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





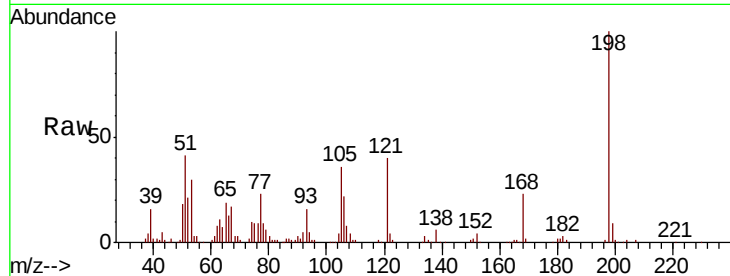
#65
 4,6-Dinitro-2-methylphenol
 Concen: 60.391 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

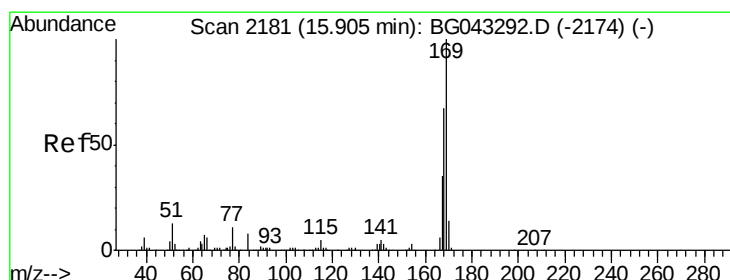
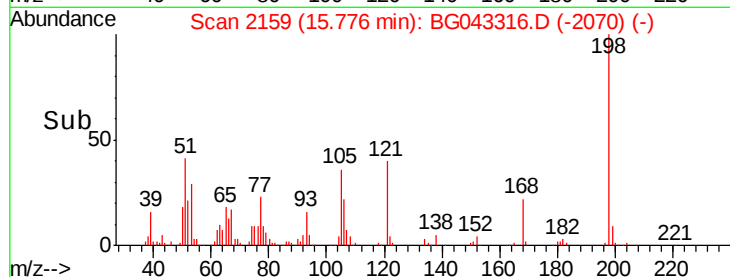
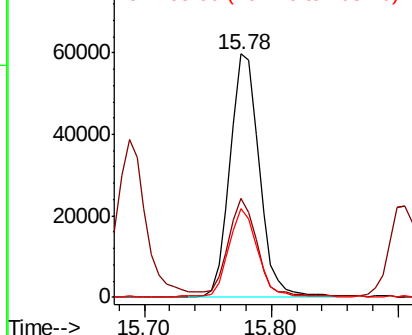
Tot Ion	Ratio	Resp	Lower	Upper
198	100	95994		
51	40.9		21.4	61.4
105	36.3		16.5	56.5

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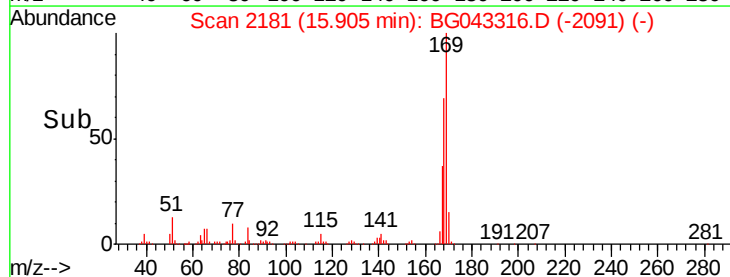
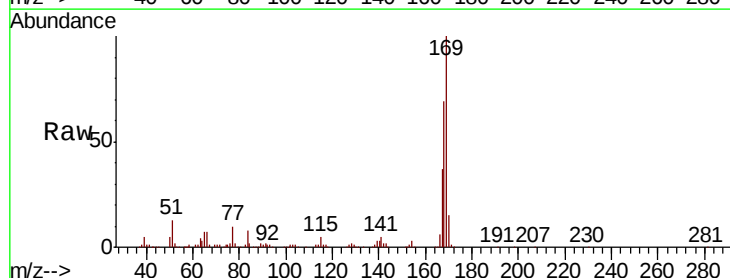
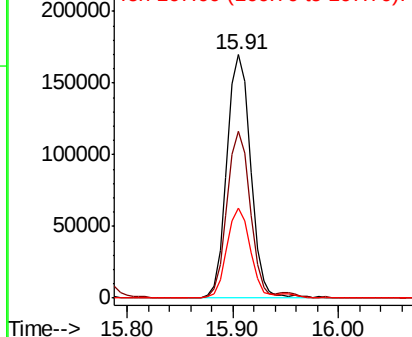
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

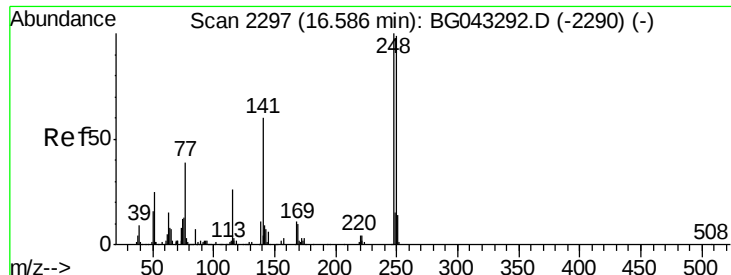


#66
 n-Nitrosodiphenylamine
 Concen: 34.659 ng
 RT: 15.91 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	264297		
168	68.7		53.9	80.9
167	37.2		28.3	42.5

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





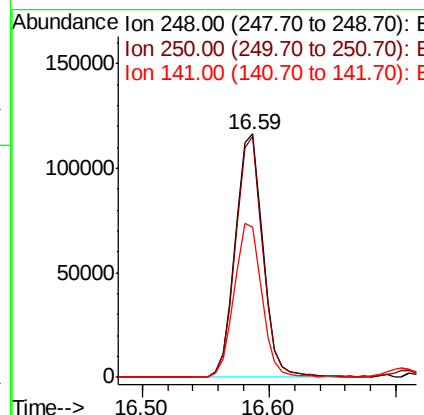
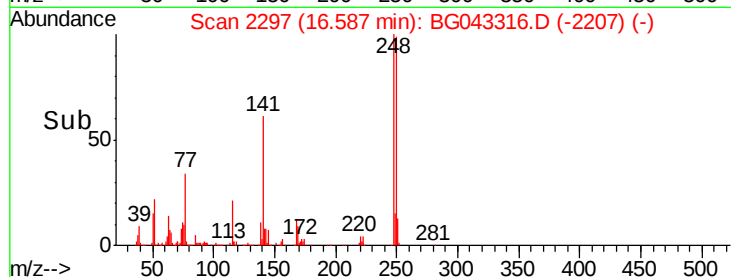
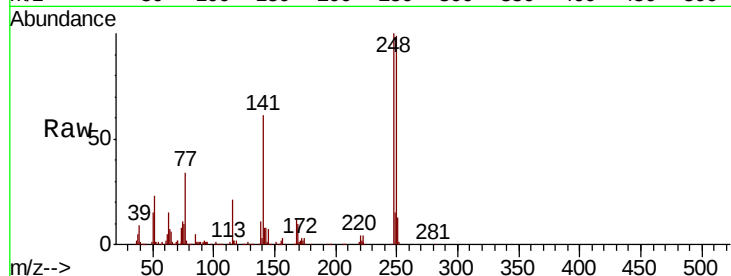
#67
4-Bromophenyl-phenylether
Concen: 48.090 ng
RT: 16.59 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion:	248	Resp:	174805
Ion Ratio	Lower	Upper	
248	100		
250	98.8	79.3	118.9
141	61.4	47.9	71.9

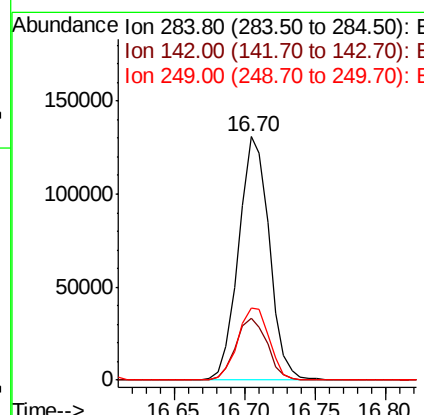
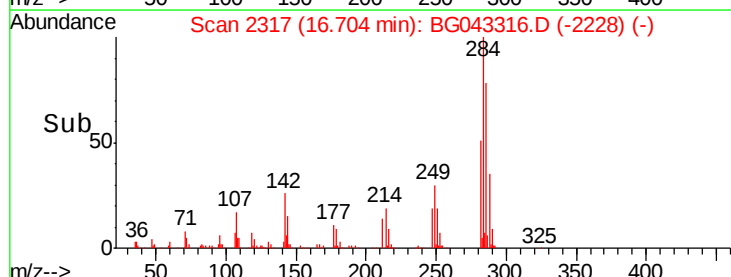
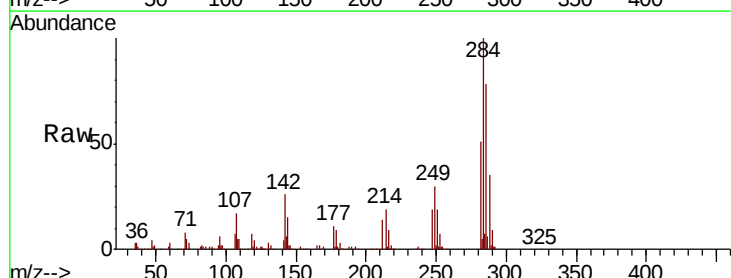
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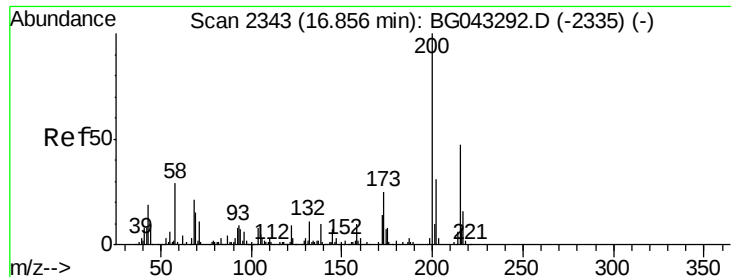
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#68
Hexachlorobenzene
Concen: 47.563 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:	284	Resp:	198456
Ion Ratio	Lower	Upper	
284	100		
142	25.7	21.1	31.7
249	29.8	24.4	36.6





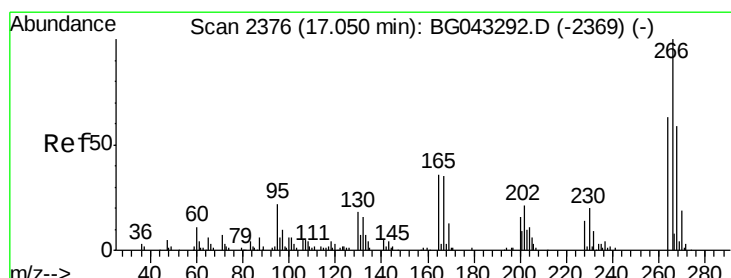
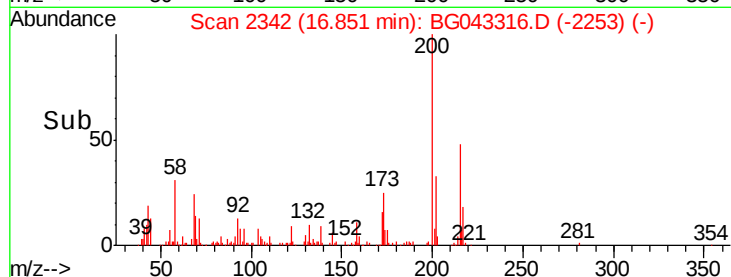
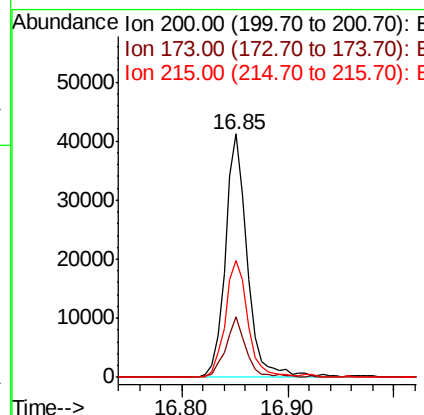
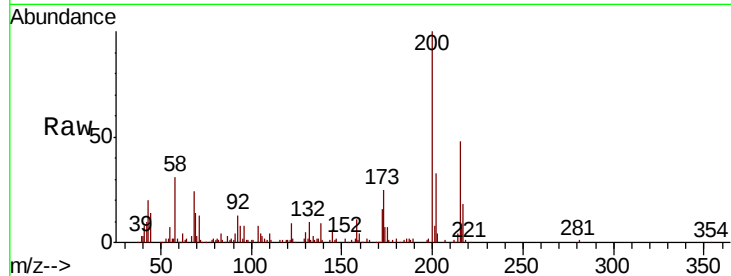
#69
 Atrazine
 Concen: 22.464 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.1	45.1
215	47.9	26.6	66.6

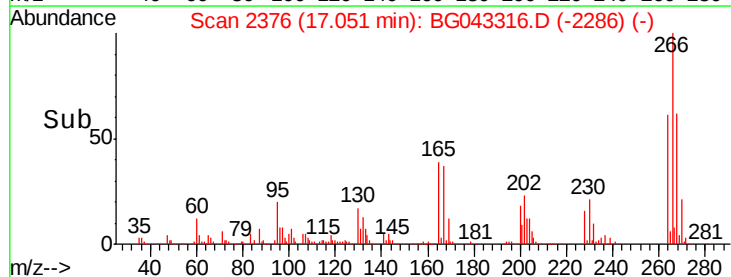
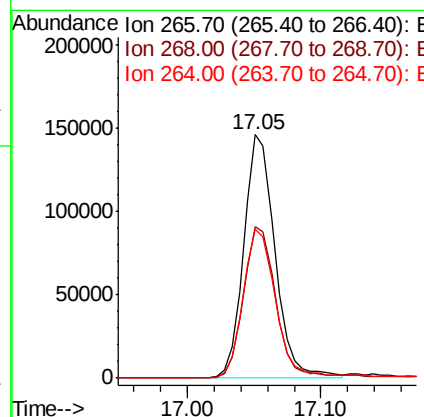
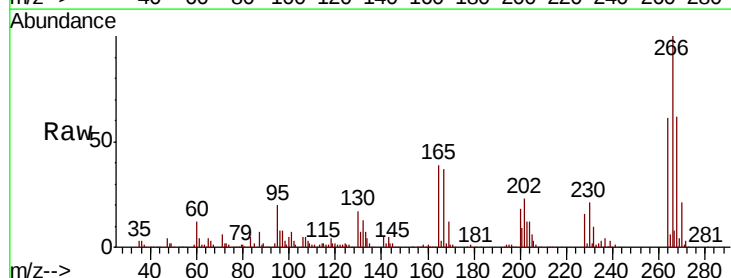
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#70
 Pentachlorophenol
 Concen: 124.582 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	47.1	70.7
264	61.1	50.4	75.6





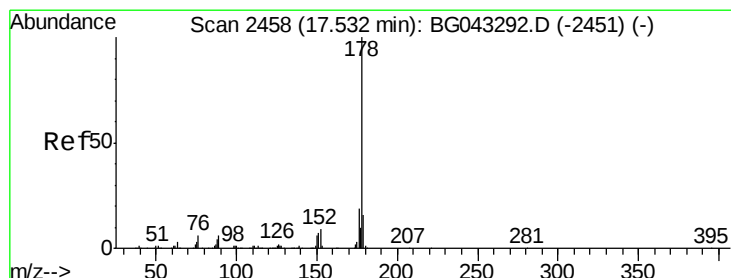
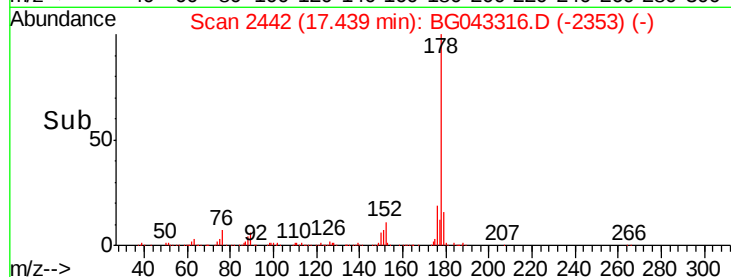
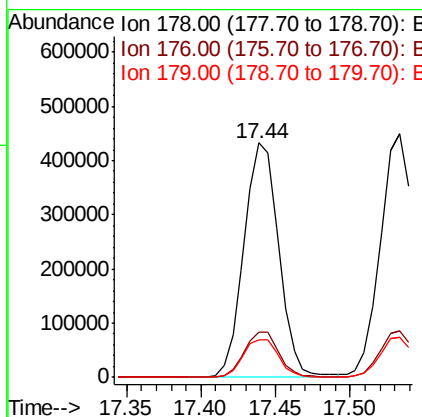
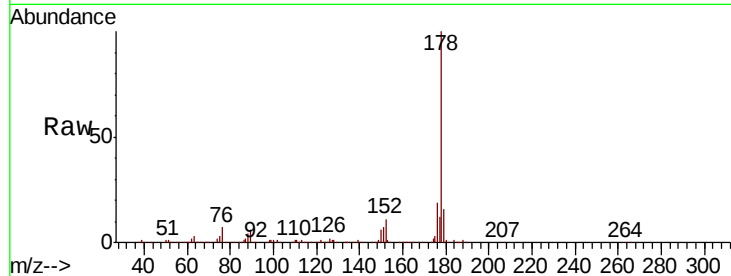
#71
Phenanthrene
Concen: 50.535 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.2	13.1	19.7

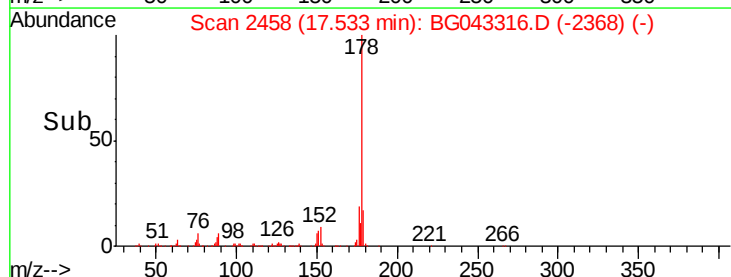
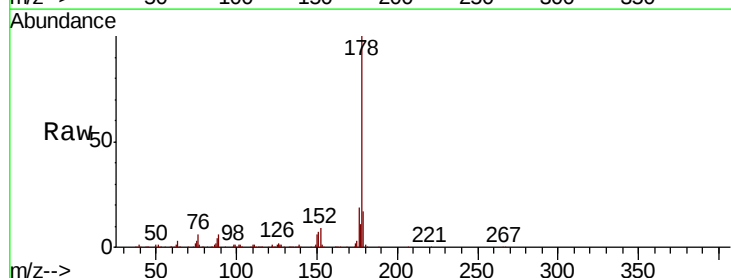
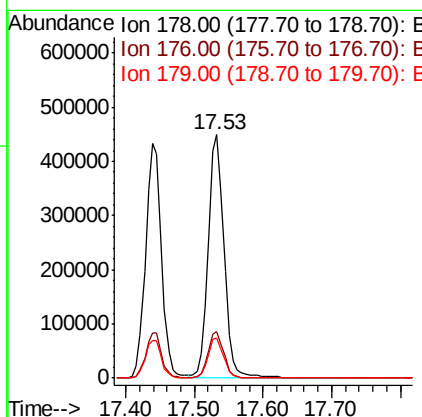
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#72
Anthracene
Concen: 52.383 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.6	13.0	19.6





#73

Carbazole

Concen: 34.065 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

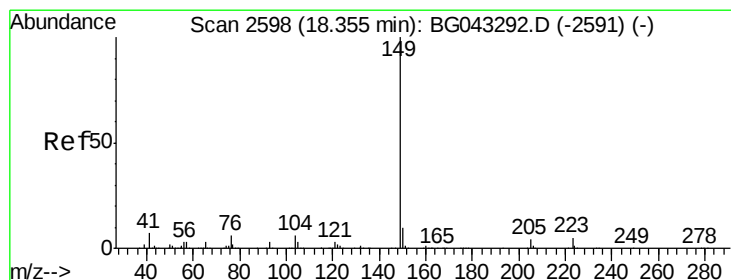
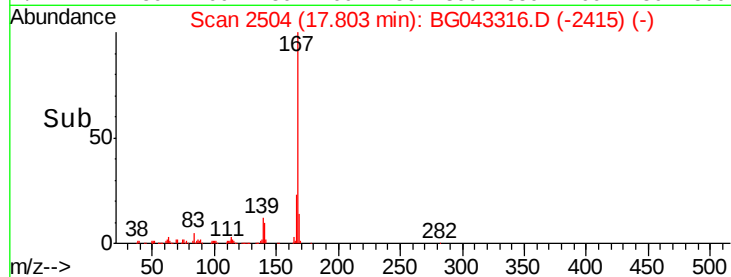
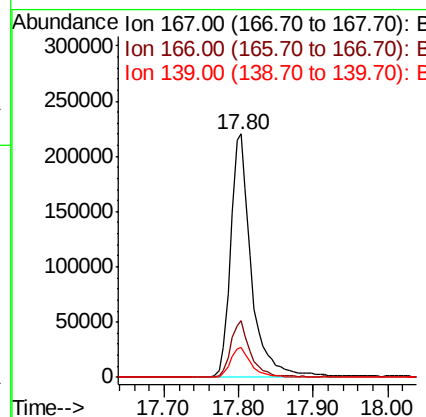
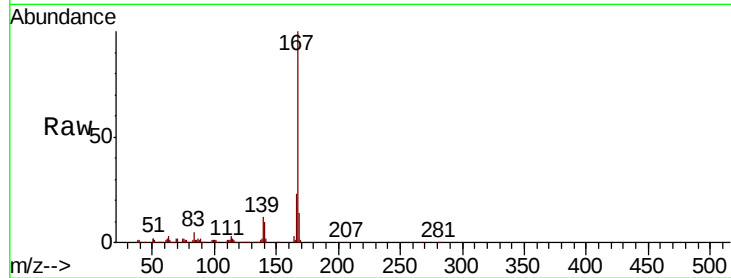
ClientSampleId :

BU-03-102119MS

Tot Ion:	167	Resp:	426886
Ion Ratio	Lower	Upper	
167	100		
166	23.2	18.4	27.6
139	12.3	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 50.987 ng

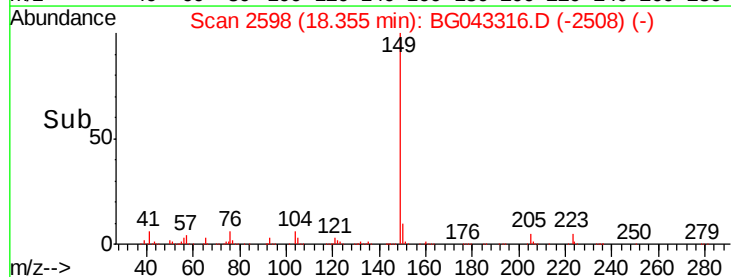
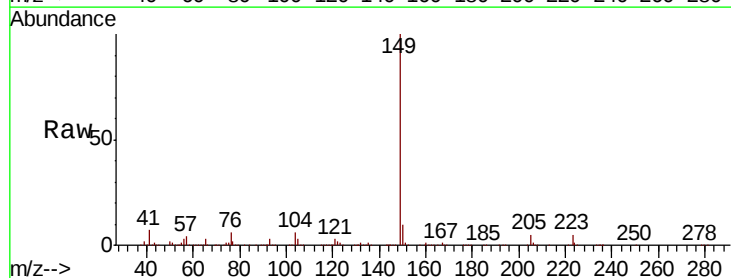
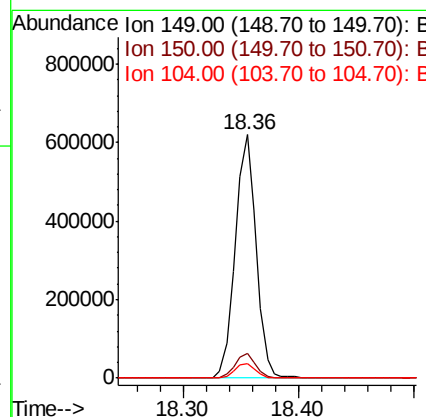
RT: 18.36 min Scan# 2598

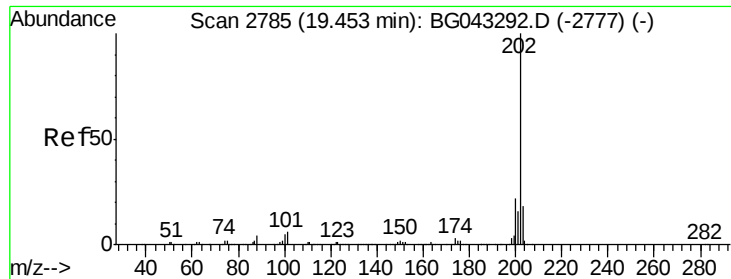
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	149	Resp:	775281
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 52.265 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

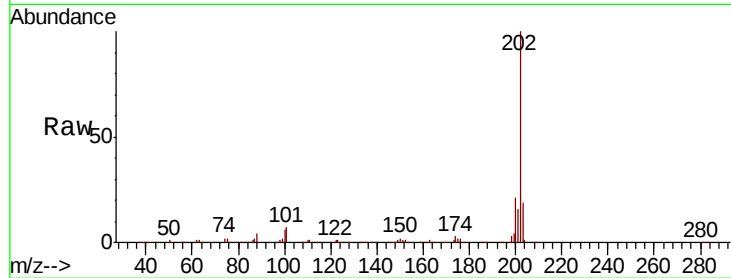
ClientSampleId :

BU-03-102119MS

Tot Ion:	202	Resp:	942420
Ion Ratio		Lower	Upper
202	100		
101	6.8	0.0	26.0
203	18.6	0.0	38.2

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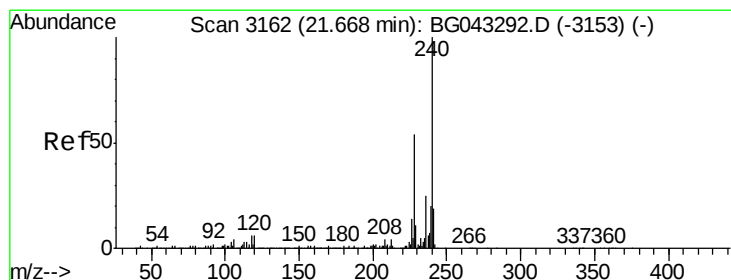
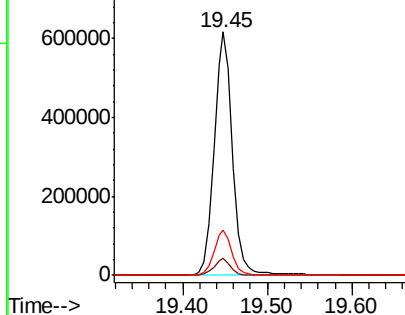
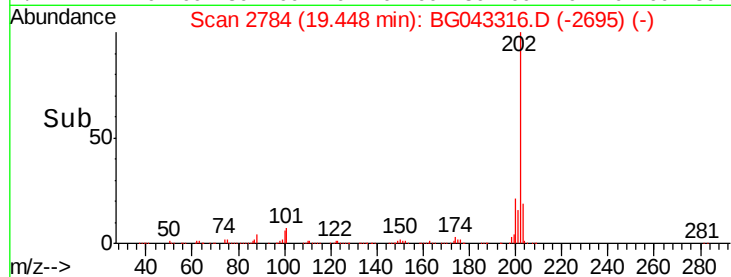


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

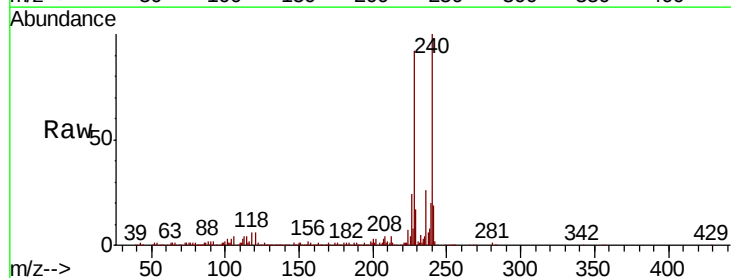
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	240	Resp:	308665
Ion Ratio		Lower	Upper
240	100		
120	6.3	4.6	7.0
236	25.6	20.2	30.4

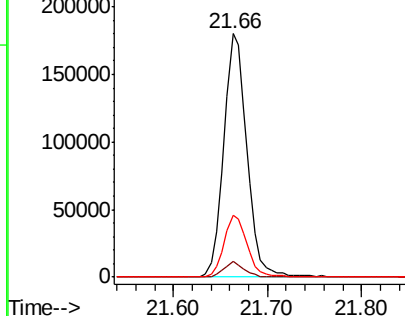
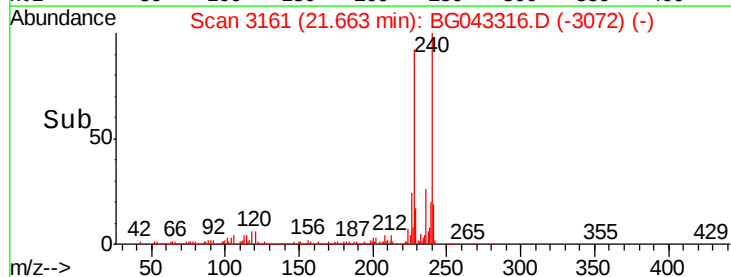


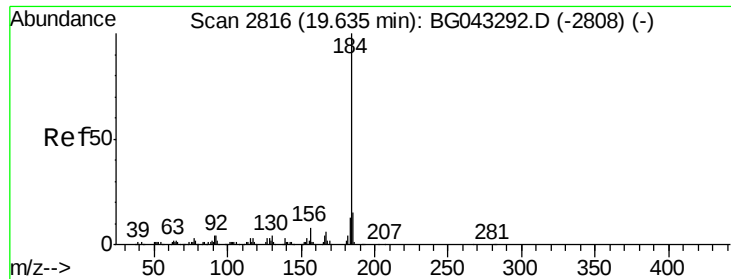
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.691 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.08 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

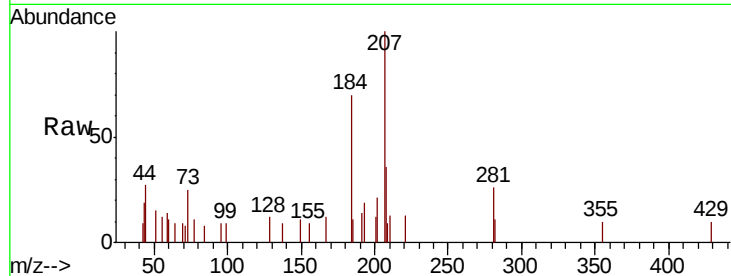
ClientSampleId :

BU-03-102119MS

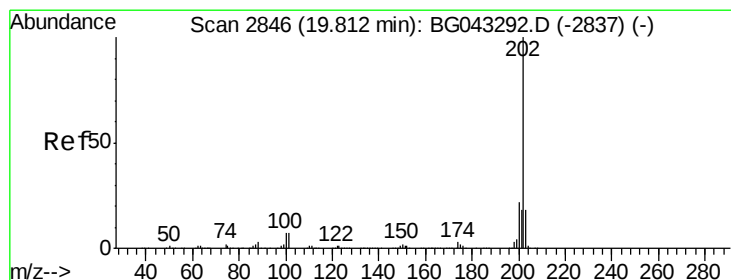
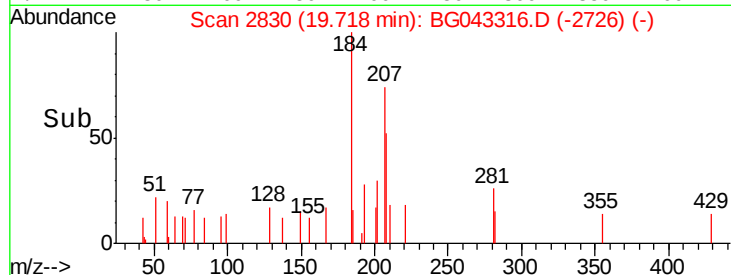
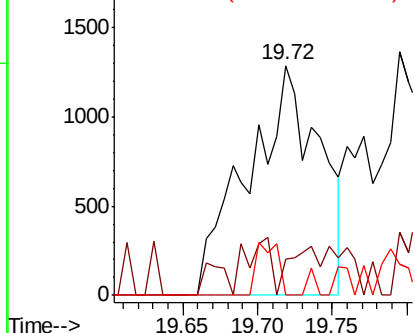
Tot Ion:	184	Resp:	4293
Ion Ratio	Lower	Upper	
184	100		
185	16.0	11.8	17.6
183	0.0	10.6	16.0#

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.230 ng

RT: 19.81 min Scan# 2845

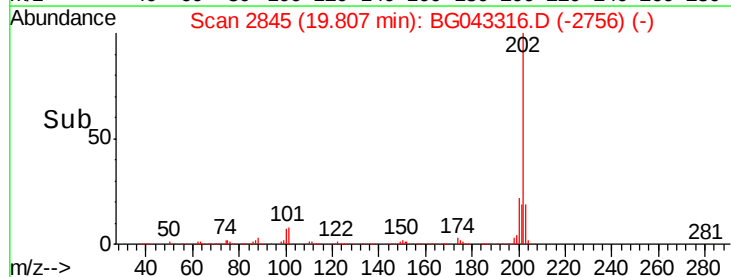
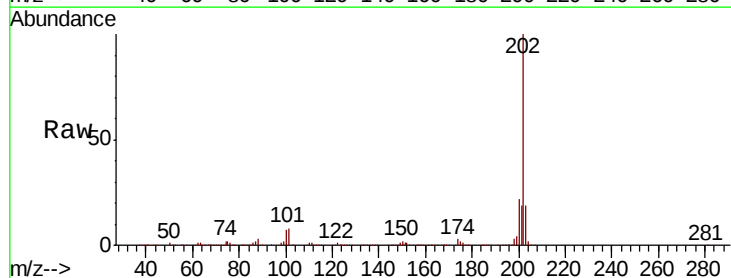
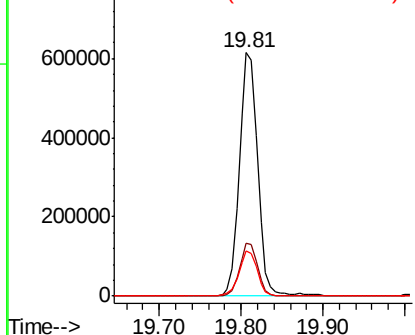
Delta R.T. -0.01 min

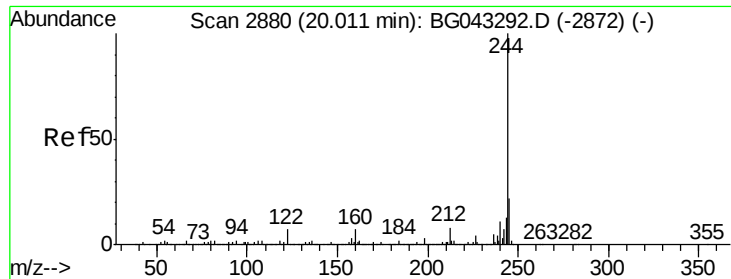
Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	202	Resp:	959702
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.3	25.9
203	18.7	14.5	21.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





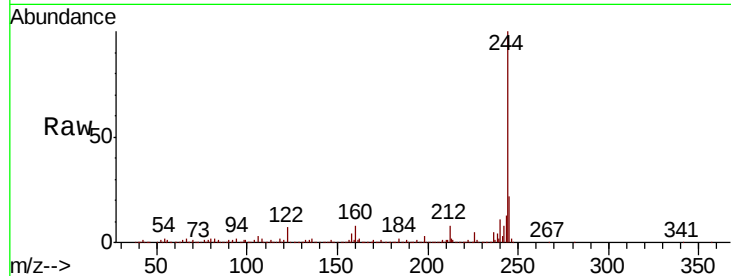
#79
 Terphenyl-d14
 Concen: 92.167 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

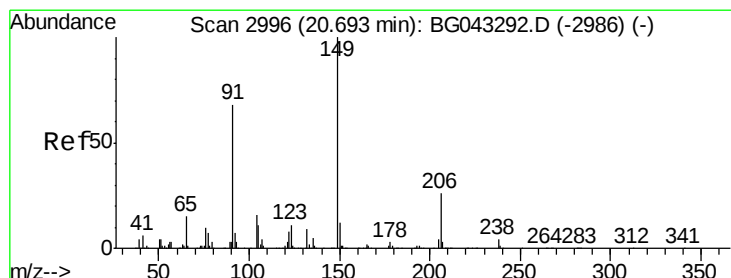
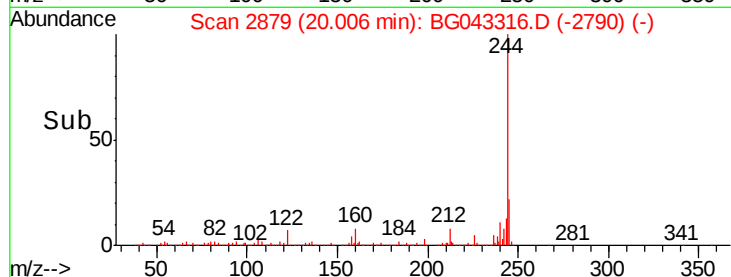
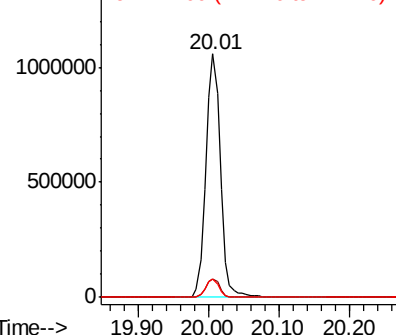
Tot Ion:244 Resp: 1516406
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 7.4 5.3 7.9

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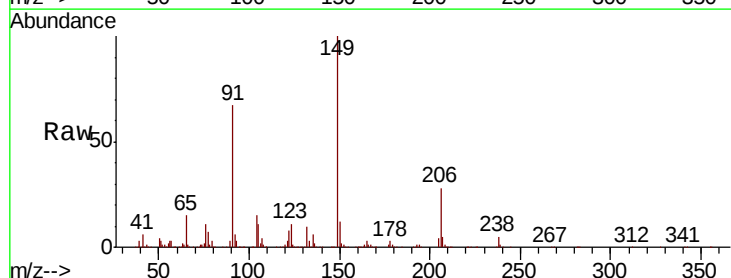


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

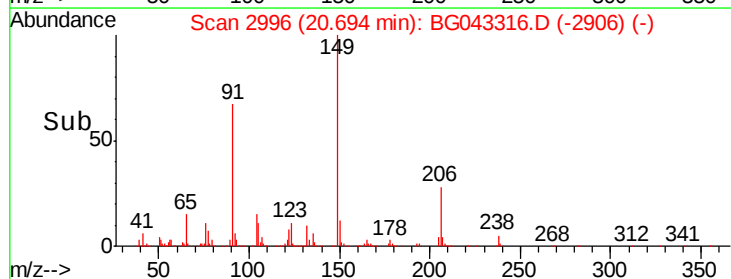
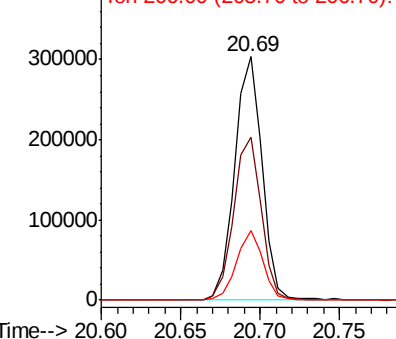


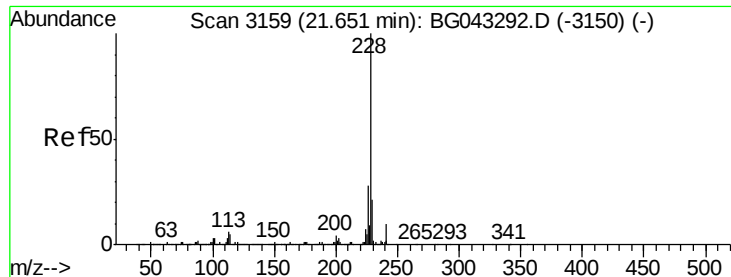
#80
 Butylbenzylphthalate
 Concen: 50.133 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:149 Resp: 362888
 Ion Ratio Lower Upper
 149 100
 91 67.1 54.6 82.0
 206 28.4 20.5 30.7



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





#81

Benzo(a)anthracene

Concen: 51.286 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

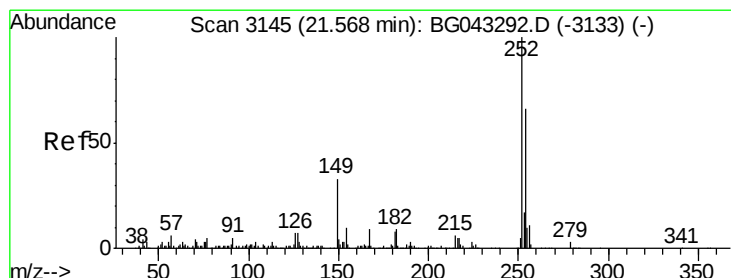
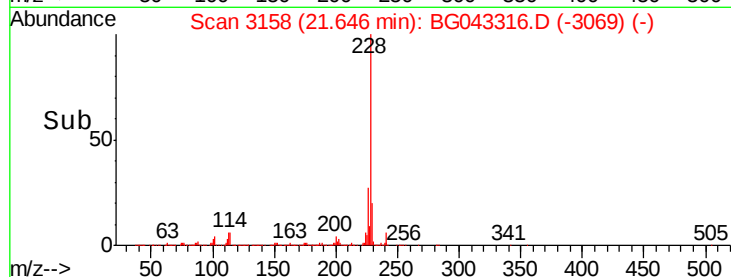
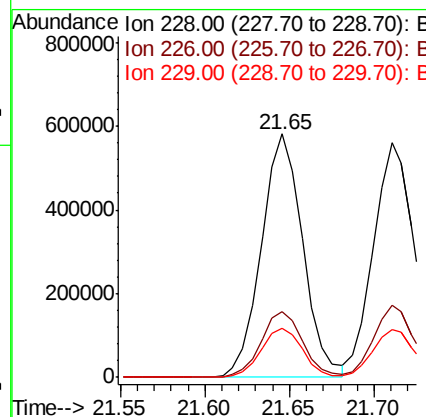
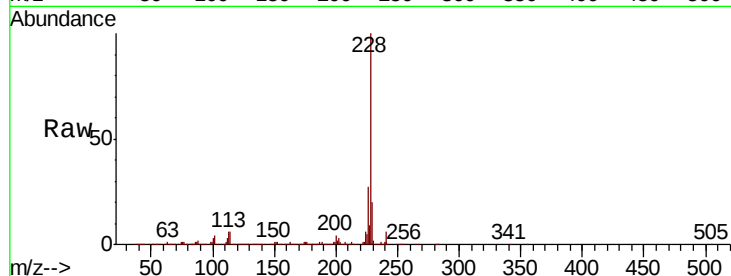
ClientSampleId :

BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.4
229	20.0	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 3.443 ng

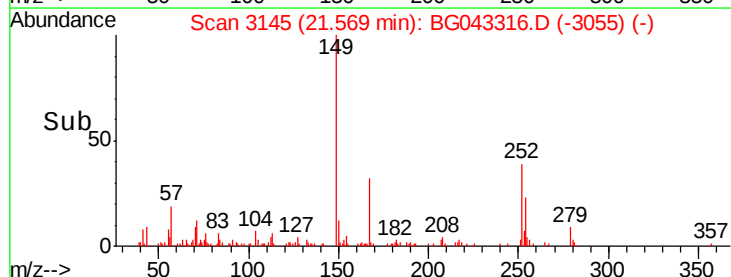
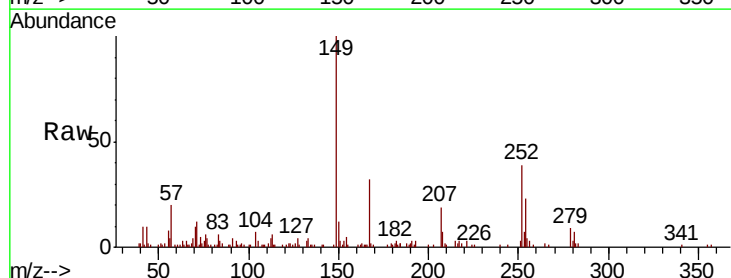
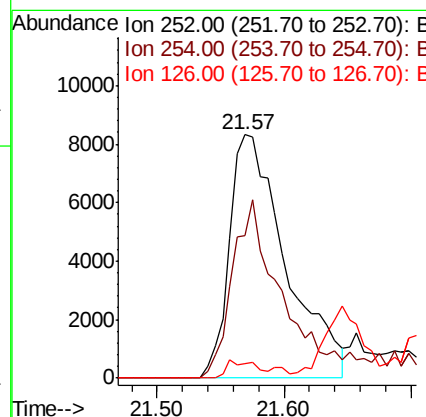
RT: 21.57 min Scan# 3145

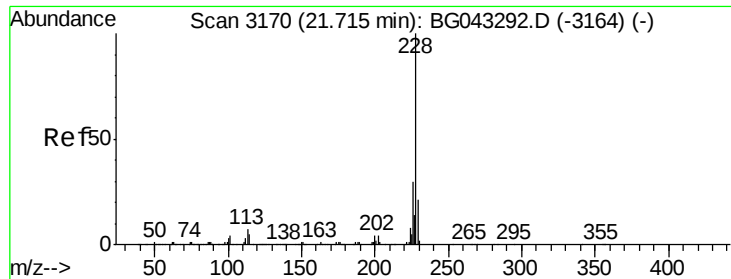
Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	58.6	52.7	79.1
126	6.0	5.6	8.4





#83

Chrysene

Concen: 50.507 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

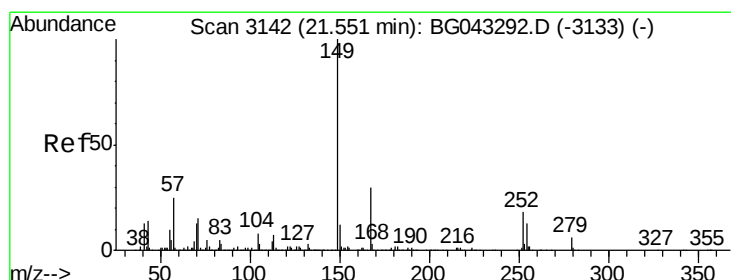
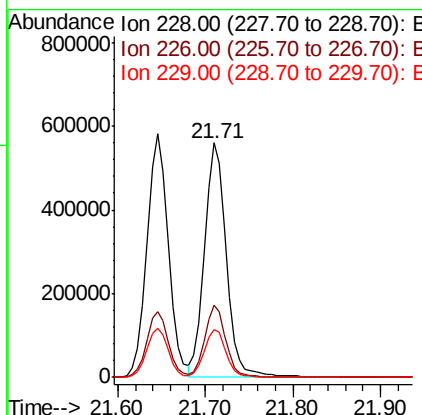
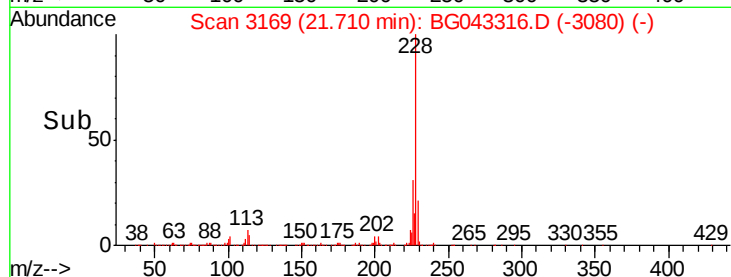
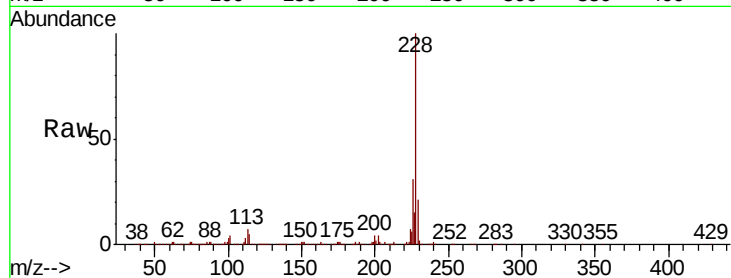
ClientSampleId :

BU-03-102119MS

Tot Ion:	228	Resp:	970262
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.8	35.8
229	20.7	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.200 ng

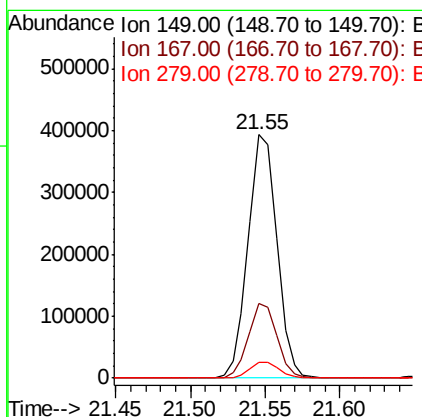
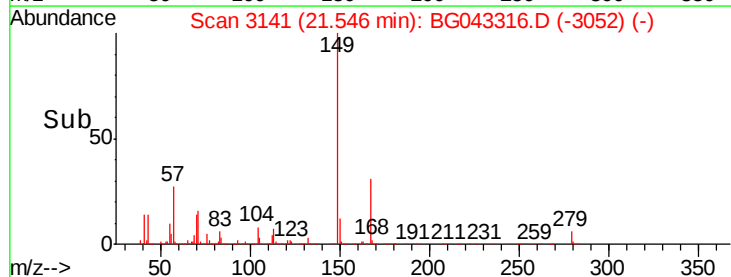
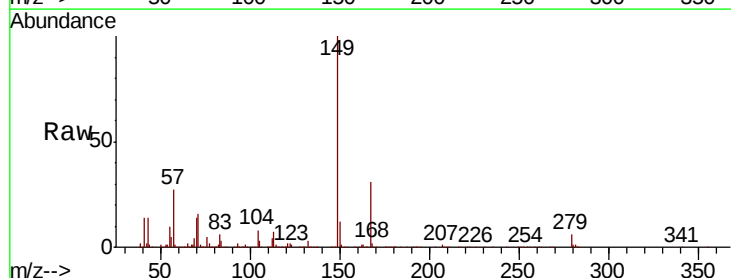
RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	149	Resp:	526454
Ion Ratio	Lower	Upper	
149	100		
167	30.9	23.9	35.9
279	6.4	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 51.942 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

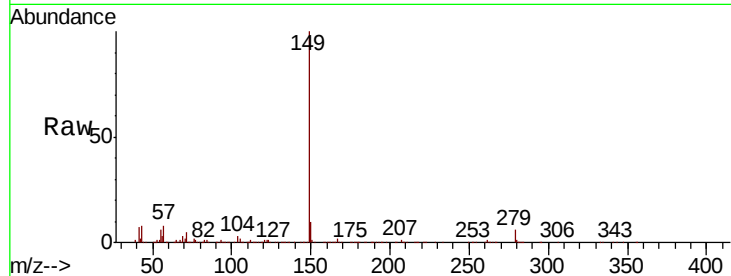
ClientSampleId :

BU-03-102119MS

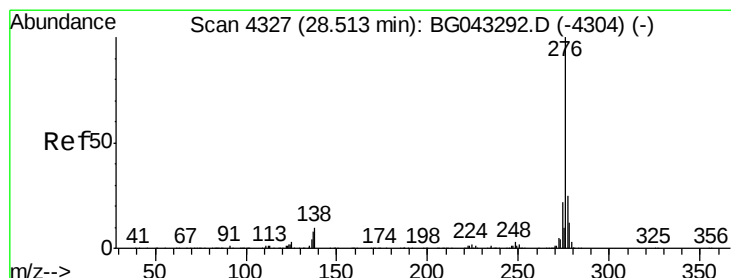
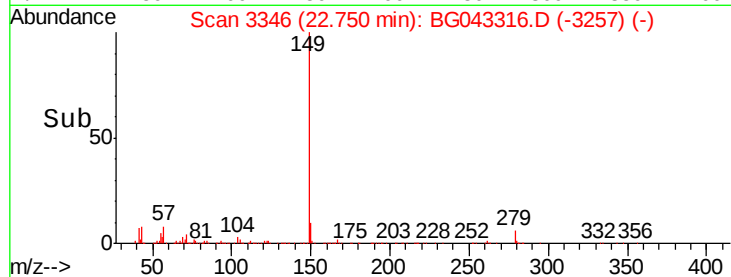
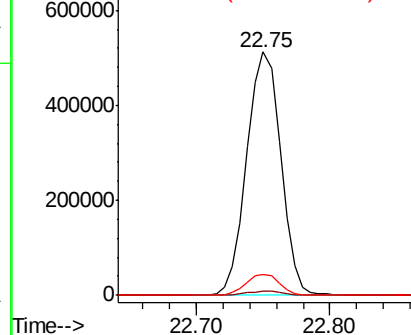
Tot Ion:	149	Resp:	906119
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	8.5	6.9	10.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.875 ng

RT: 28.51 min Scan# 4327

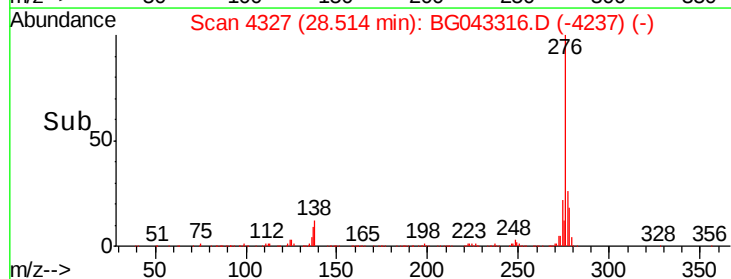
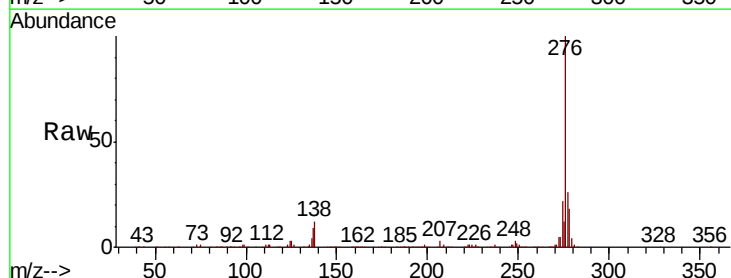
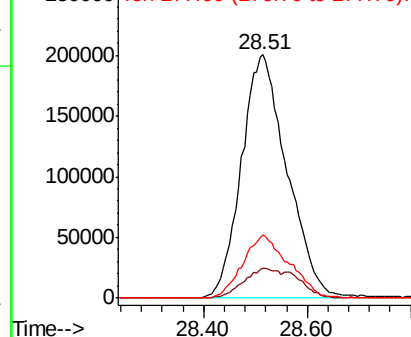
Delta R.T. 0.00 min

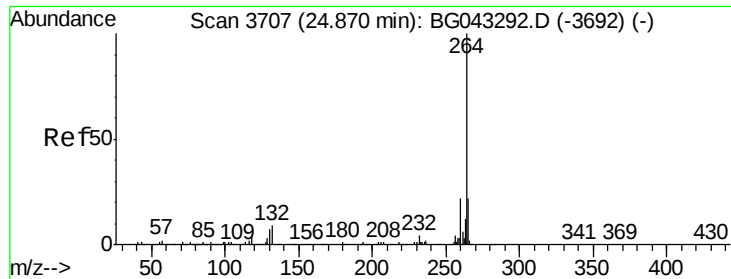
Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:	276	Resp:	1226783
Ion Ratio	Lower	Upper	
276	100		
138	9.5	7.2	10.8
277	26.1	20.9	31.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





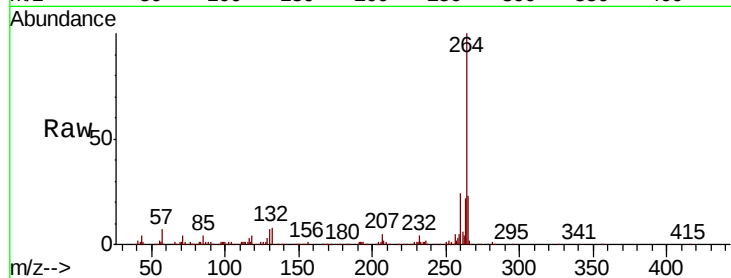
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	23.0	17.4	26.2

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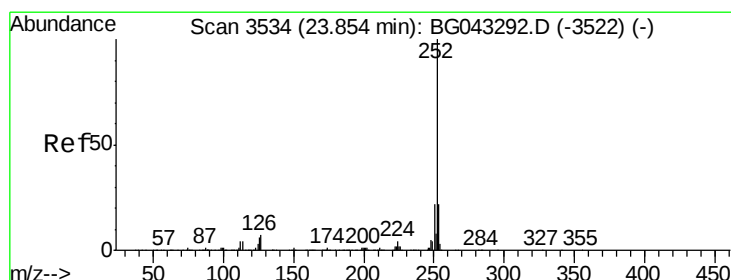
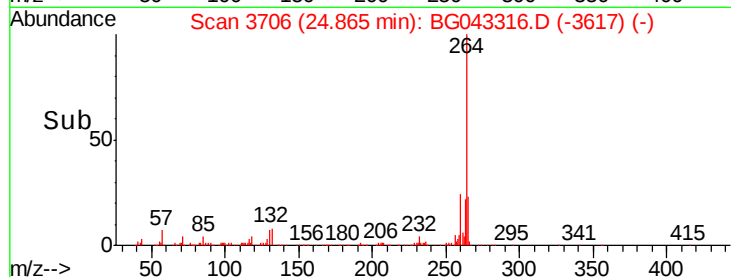
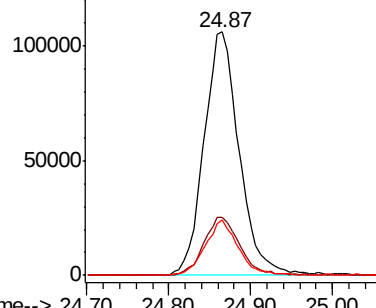


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 58.222 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

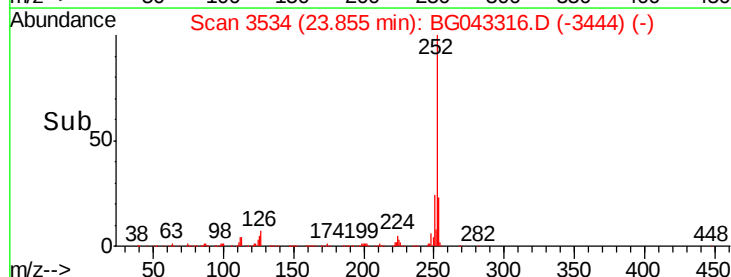
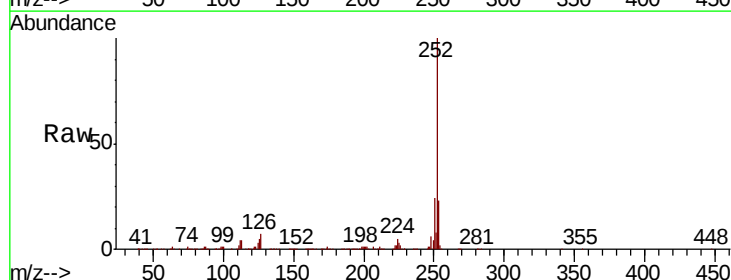
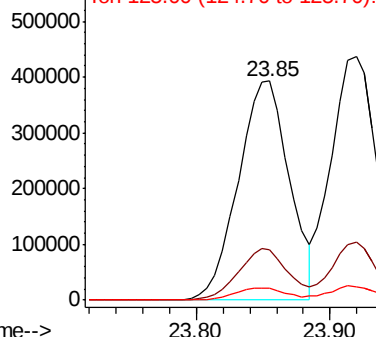
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	5.5	5.0	7.6

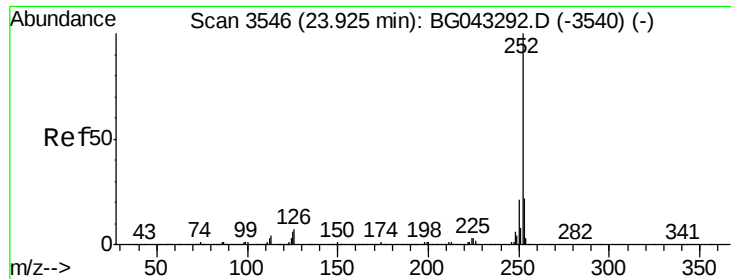
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





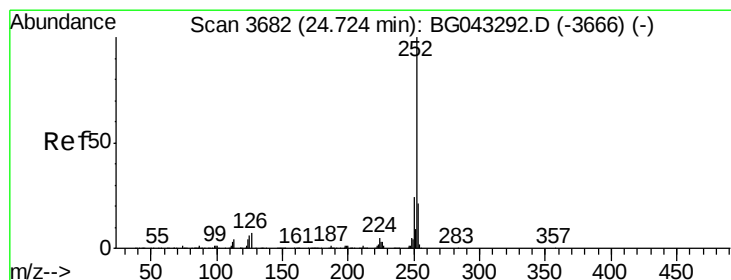
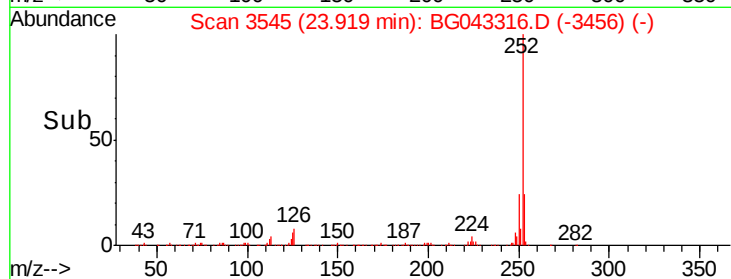
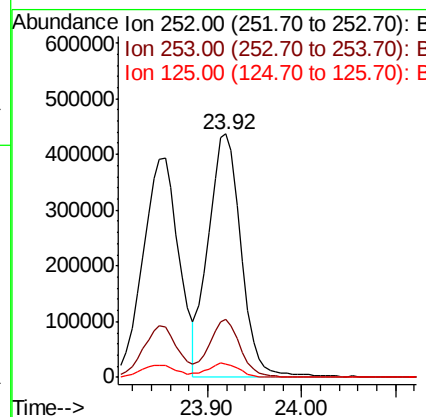
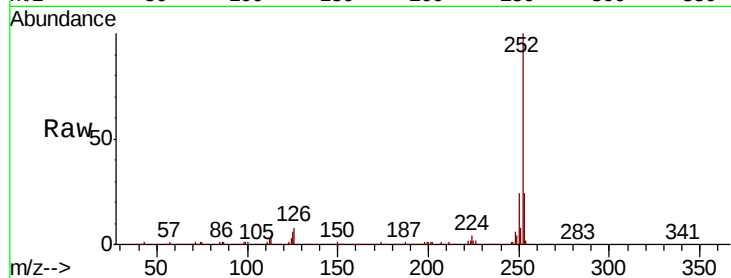
#89
Benzo(k)fluoranthene
Concen: 58.399 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	5.6	4.5	6.7

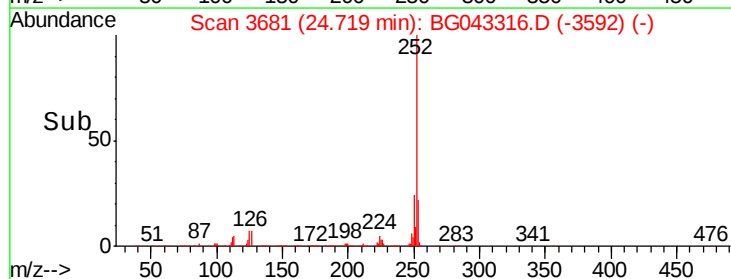
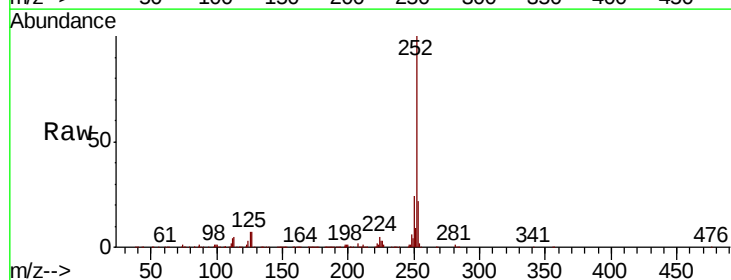
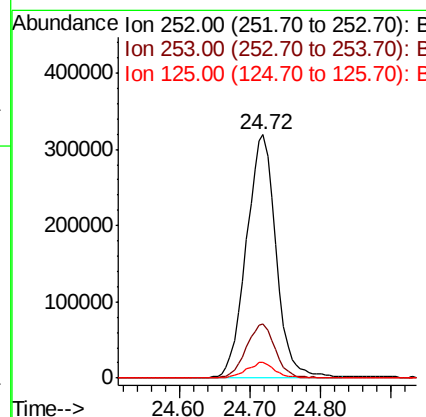
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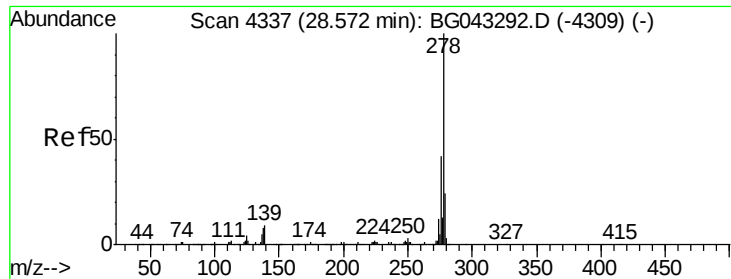
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#90
Benzo(a)pyrene
Concen: 54.502 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	6.7	5.0	7.6





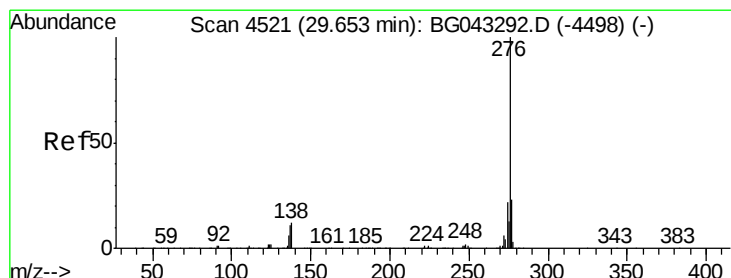
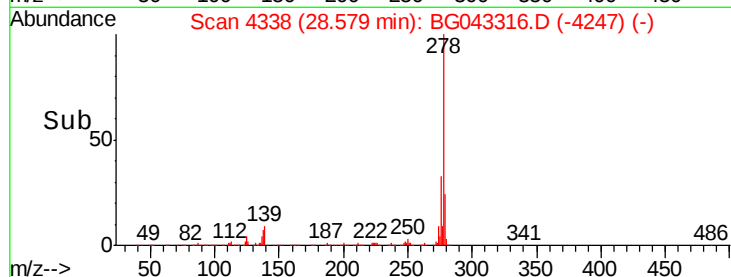
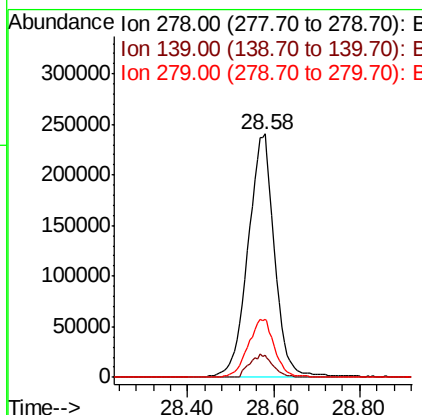
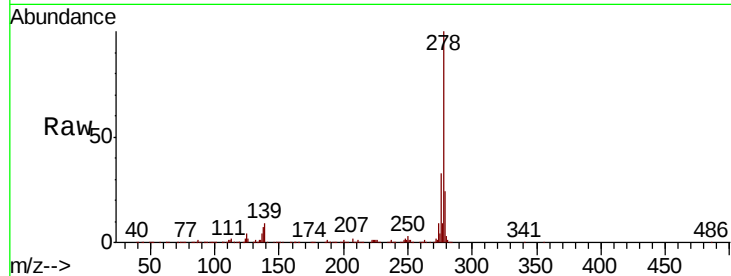
#91
Dibenzo(a,h)anthracene
Concen: 60.143 ng
RT: 28.58 min Scan# 4338
Delta R.T. 0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	24.1	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 59.510 ng
RT: 29.65 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	9.8	9.3	13.9

