

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043916.D
 Acq On : 4 Jan 2020 10:56
 Operator : JU
 Sample : K6113-20MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MSD

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:42:11 AM

Quant Time: Jan 06 05:37:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130791	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	555321	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	367545	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	791292	20.00	ng	0.00
76) Chrysene-d12	21.59	240	670742	20.00	ng	0.00
87) Perylene-d12	24.72	264	768701	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1065740	149.61	ng	0.00
7) Phenol-d6	7.14	99	1431090	143.73	ng	0.01
23) Nitrobenzene-d5	9.12	82	889954	85.73	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	557418	144.92	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1848405	91.11	ng	0.00
79) Terphenyl-d14	19.95	244	2521188	92.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	132847	42.773	ng	# 37
3) Pyridine	3.85	79	364623	39.740	ng	95
4) n-Nitrosodimethylamine	3.75	42	196161	48.020	ng	97
6) Aniline	7.29	93	136274	10.420	ng	98
8) 2-Chlorophenol	7.54	128	457322	54.687	ng	99
9) Benzaldehyde	7.09	77	268426	42.121	ng	99
10) Phenol	7.16	94	546483	53.269	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	432328	48.821	ng	97
12) 1,3-Dichlorobenzene	7.86	146	434490	44.400	ng	99
13) 1,4-Dichlorobenzene	8.00	146	438658	45.431	ng	99
14) 1,2-Dichlorobenzene	8.32	146	418838	45.193	ng	99
15) Benzyl Alcohol	8.20	79	411477	52.362	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	619947	45.251	ng	99
17) 2-Methylphenol	8.41	107	406168	54.711	ng	98
18) Hexachloroethane	9.05	117	164366	43.748	ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	355271	47.912	ng	99
20) 3+4-Methylphenols	8.74	107	559523	54.026	ng	99
22) Acetophenone	8.78	105	645353	46.745	ng	99
24) Nitrobenzene	9.16	77	494789	48.125	ng	99
25) Isophorone	9.69	82	964167	49.508	ng	98
26) 2-Nitrophenol	9.87	139	258256	53.093	ng	99
27) 2,4-Dimethylphenol	9.94	122	426487	58.247	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	606078	46.680	ng	99
29) 2,4-Dichlorophenol	10.41	162	466252	53.384	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	441845	45.119	ng	97
31) Naphthalene	10.81	128	1317603	49.031	ng	99
32) Benzoic acid	10.07	122	167270	30.654	ng	94
33) 4-Chloroaniline	10.93	127	28941	2.258	ng	97
34) Hexachlorobutadiene	11.11	225	255410	42.717	ng	98
35) Caprolactam	11.70	113	169840m	52.236	ng	
36) 4-Chloro-3-methylphenol	12.05	107	513448	55.222	ng	97
37) 2-Methylnaphthalene	12.42	142	998990	49.378	ng	98
38) 1-Methylnaphthalene	12.64	142	956312	49.874	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	476542	44.236	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	571396	102.309	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	376024	50.728	nq	97
44) 2,4,5-Trichlorophenol	13.11	196	404147	52.863	nq	99
46) 1,1'-Biphenyl	13.43	154	1257267	47.710	nq	99
47) 2-Chloronaphthalene	13.47	162	986425	46.323	nq	99
48) 2-Nitroaniline	13.66	65	325878	47.575	nq	99
49) Acenaphthylene	14.32	152	1539970	50.315	nq	99
50) Dimethylphthalate	14.05	163	1283737	49.191	nq	99
51) 2,6-Dinitrotoluene	14.16	165	299549	50.783	nq	99
52) Acenaphthene	14.66	154	1102338	51.358	nq	97
53) 3-Nitroaniline	14.49	138	53600	8.002	nq	96
54) 2,4-Dinitrophenol	14.70	184	222395	74.418	nq	97
55) Dibenzofuran	15.00	168	1483422	50.205	nq	99
56) 4-Nitrophenol	14.81	139	558286	108.765	nq	98
57) 2,4-Dinitrotoluene	14.95	165	415363	51.751	nq	95
58) Fluorene	15.64	166	1174905	50.168	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	348122	52.955	nq	99
60) Diethylphthalate	15.42	149	1294372	49.589	nq	100
61) 4-Chlorophenyl-phenylether	15.64	204	619043	48.680	nq	99
62) 4-Nitroaniline	15.66	138	298793	45.171	nq	98
63) Azobenzene	15.93	77	1234971	51.017	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	201434	49.279	nq	99
66) n-Nitrosodiphenylamine	15.85	169	1114442	47.825	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	404653	45.469	nq	99
68) Hexachlorobenzene	16.65	284	432412	45.092	nq	98
69) Atrazine	16.80	200	429443	56.695	nq	98
70) Pentachlorophenol	16.99	266	469287	88.775	nq	99
71) Phenanthrene	17.38	178	1828181	48.168	nq	98
72) Anthracene	17.47	178	1870382	49.864	nq	97
73) Carbazole	17.74	167	1728874	49.898	nq	99
74) Di-n-butylphthalate	18.31	149	2085071	47.133	nq	99
75) Fluoranthene	19.39	202	2070396	47.698	nq	98
77) Benzidine	19.56	184	181561	10.769	nq	98
78) Pyrene	19.75	202	2085723	47.639	nq	97
80) Butylbenzylphthalate	20.64	149	1004717	48.201	nq	98
81) Benzo(a)anthracene	21.57	228	2008798	48.299	nq	98
82) 3,3'-Dichlorobenzidine	21.49	252	257391	15.665	nq	97
83) Chrysene	21.64	228	1921565	48.623	nq	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1400515	48.695	nq	98
85) Di-n-octyl phthalate	22.69	149	2391796	49.466	nq	100
86) Indeno(1,2,3-cd)pyrene	28.28	276	2612666	48.647	nq	# 89
88) Benzo(b)fluoranthene	23.73	252	2200223	48.416	nq	99
89) Benzo(k)fluoranthene	23.80	252	2075047	48.018	nq	99
90) Benzo(a)pyrene	24.57	252	2022125	47.146	nq	99
91) Dibenzo(a,h)anthracene	28.34	278	2129994	49.448	nq	99
92) Benzo(g,h,i)perylene	29.39	276	2133988	49.875	nq	100

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



#1

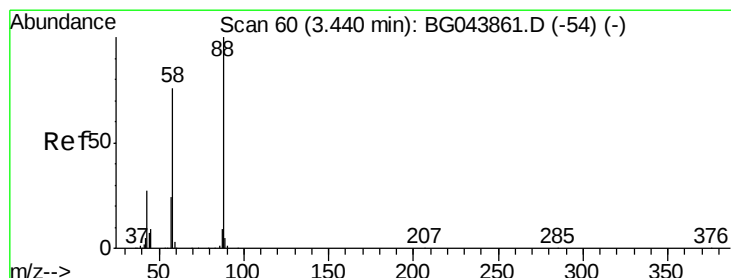
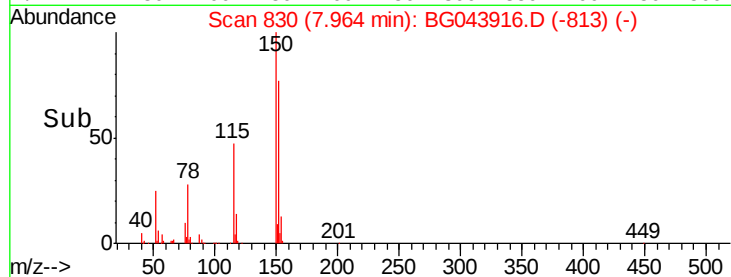
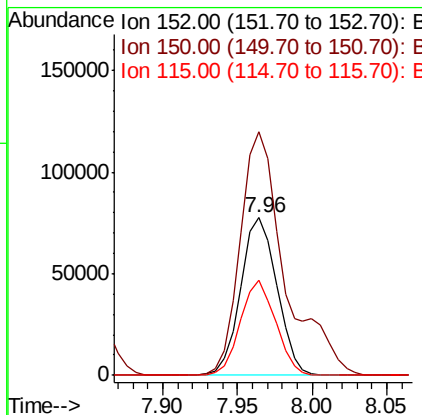
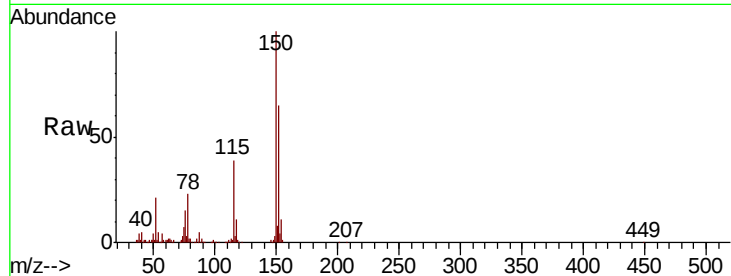
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.4
115	60.2	47.8	71.8

Manual Integrations
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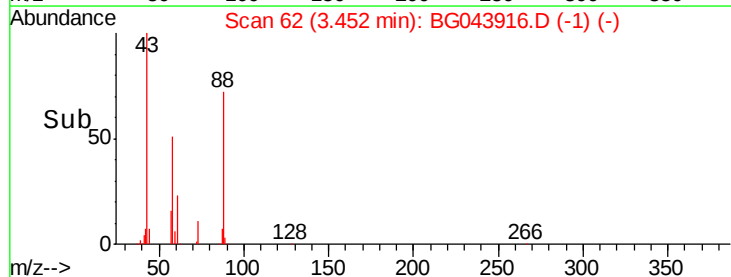
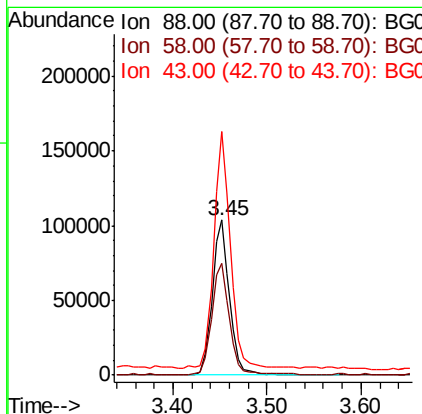
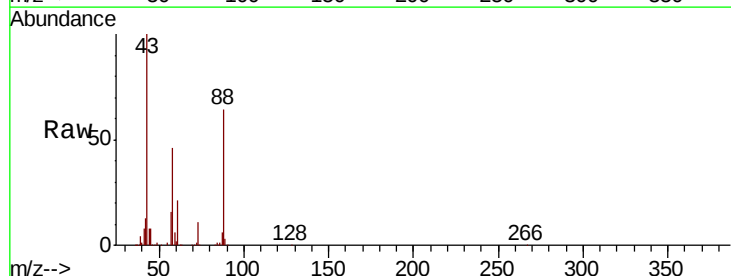
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#2

1,4-Dioxane
Concen: 42.773 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	59.8	89.8
43	146.7	22.9	34.3#





#3

Pvridine

Concen: 39.740 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.02 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

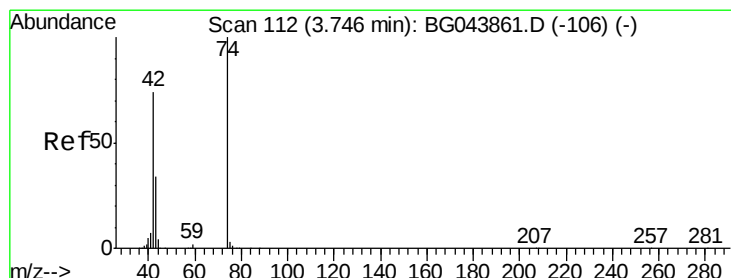
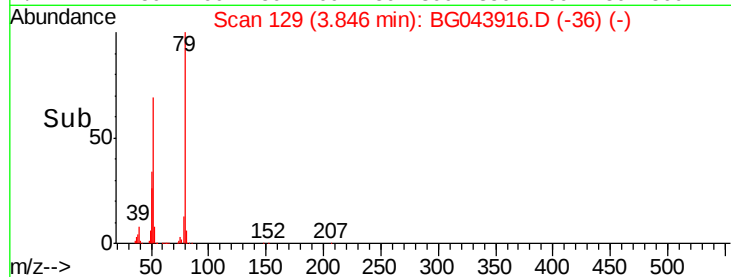
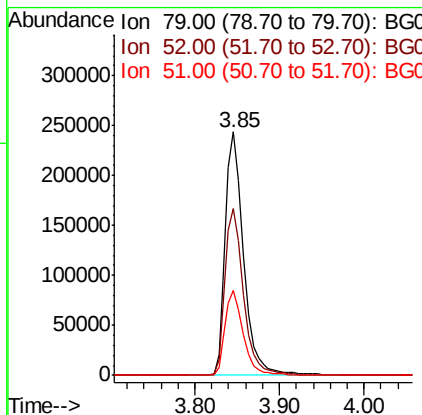
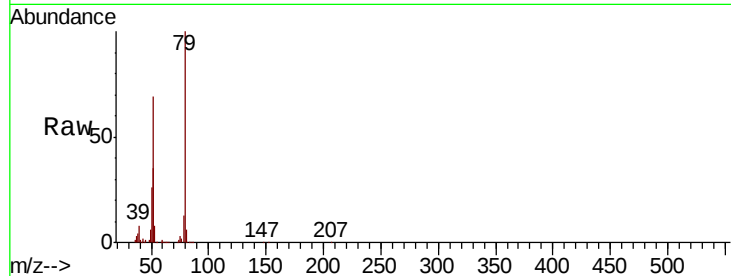
ClientSampleId :

OR-02-123119MSD

Tot Ion:	79	Resp:	364623
Ion Ratio	Lower	Upper	
79	100		
52	68.6	58.9	88.3
51	34.7	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 48.020 ng

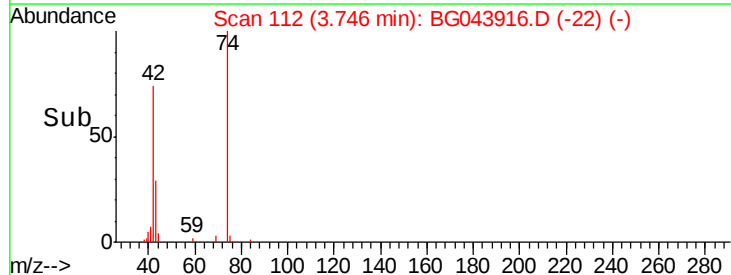
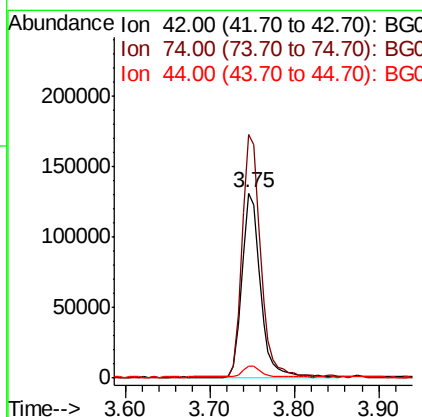
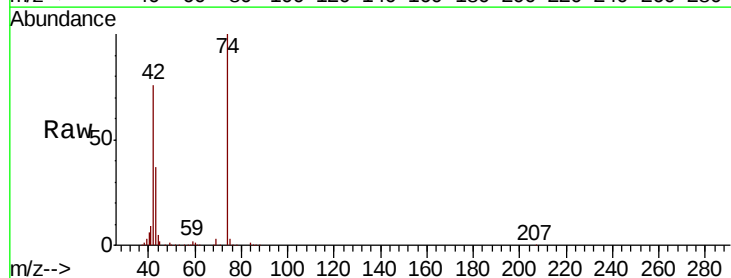
RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Tgt Ion:	42	Resp:	196161
Ion Ratio	Lower	Upper	
42	100		
74	131.5	108.6	162.8
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 149.615 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MSD

Tot Ion:112 Resp: 1065740

Ion Ratio Lower Upper

112 100

64 61.4 47.8 71.6

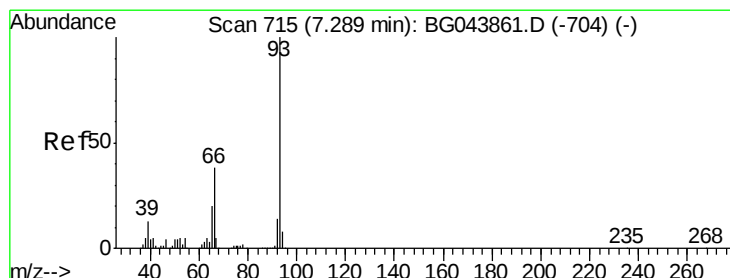
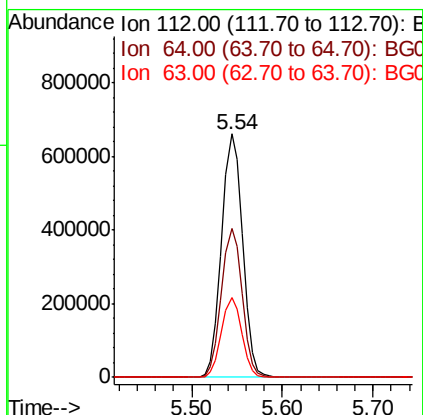
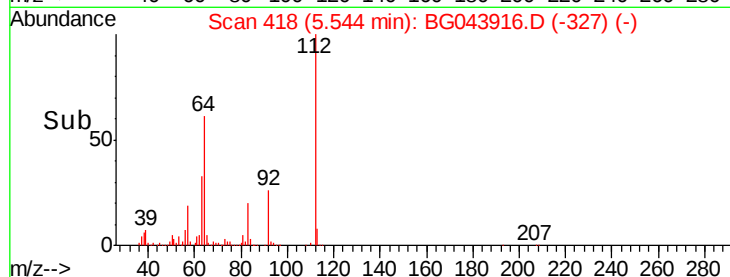
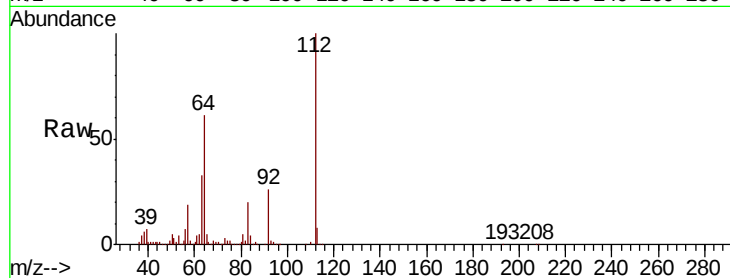
63 32.7 24.3 36.5

Manual Integrations

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#6

Aniline

Concen: 10.420 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

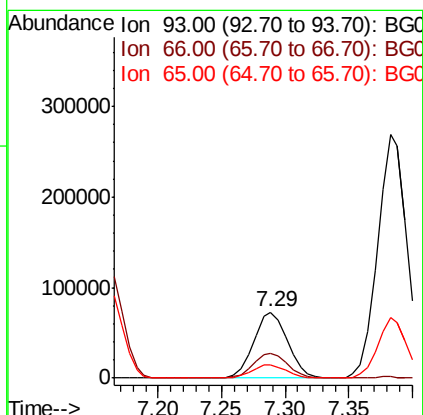
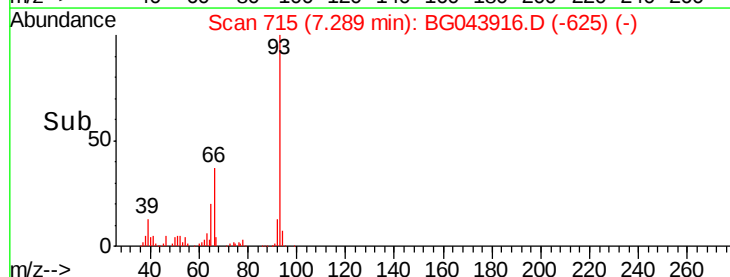
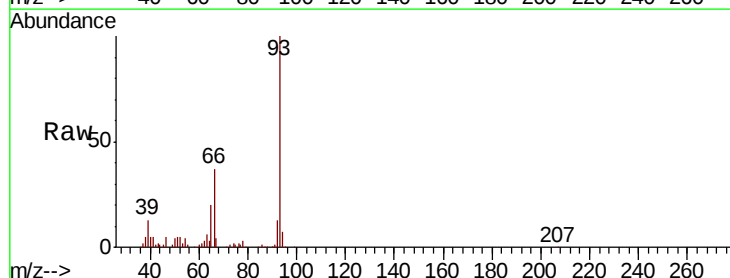
Tgt Ion: 93 Resp: 136274

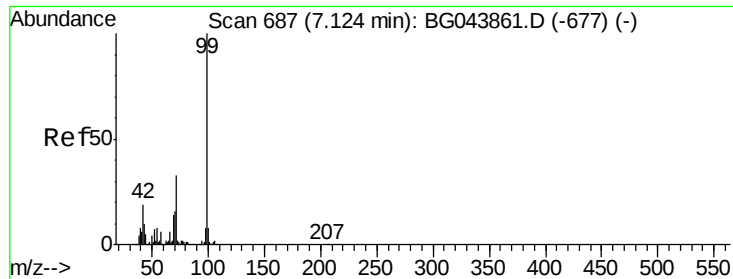
Ion Ratio Lower Upper

93 100

66 37.3 30.8 46.2

65 19.6 16.0 24.0





#7

Phenol-d6

Concen: 143.727 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MSD

Tot Ion: 99 Resp: 1431090

Ion Ratio Lower Upper

99 100

42 20.0 14.9 22.3

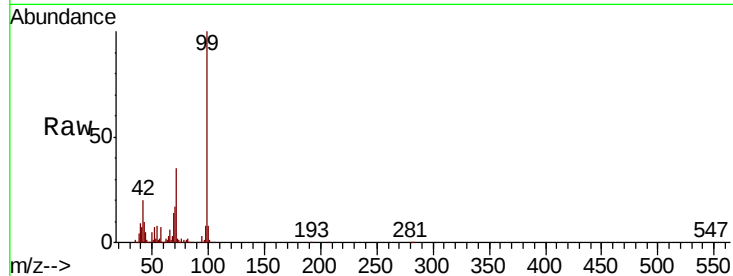
71 34.7 26.4 39.6

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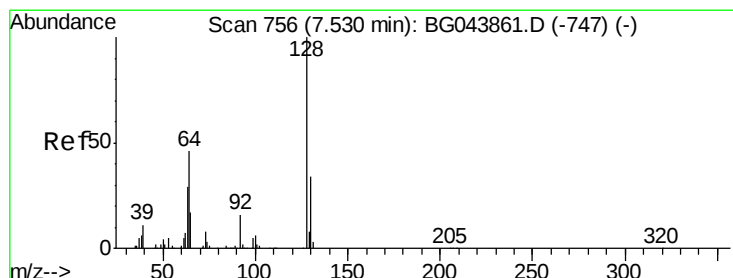
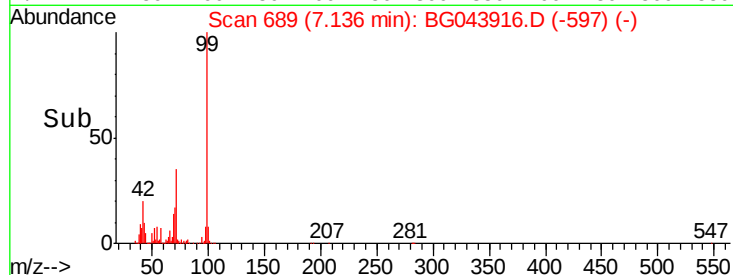
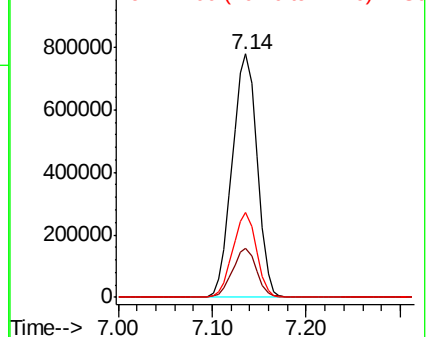


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.687 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

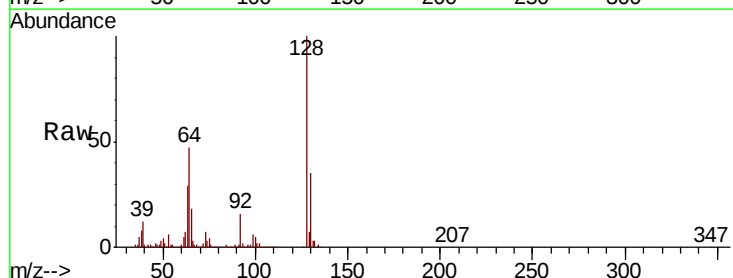
Tgt Ion:128 Resp: 457322

Ion Ratio Lower Upper

128 100

130 34.6 13.8 53.8

64 46.8 27.6 67.6

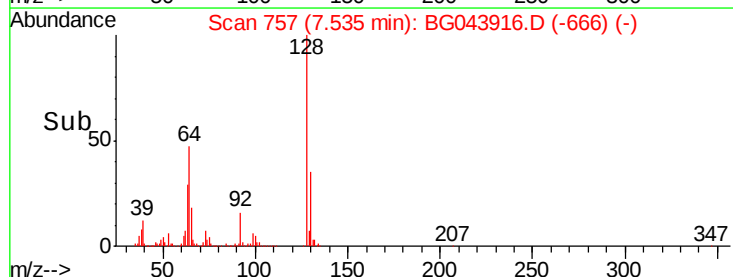
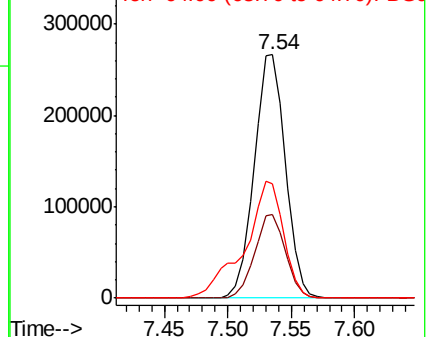


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.121 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

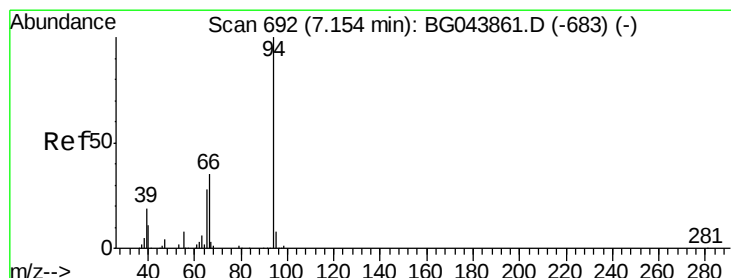
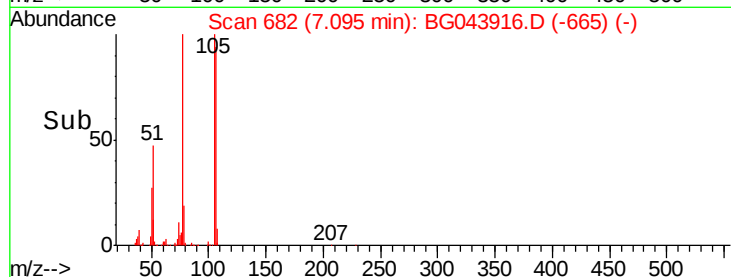
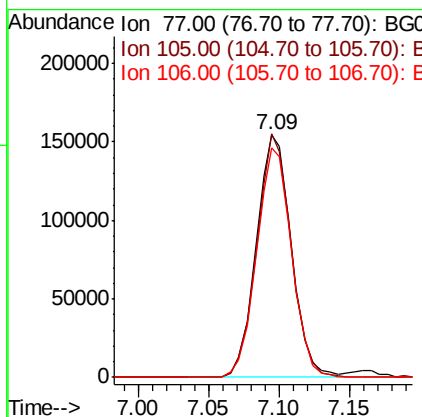
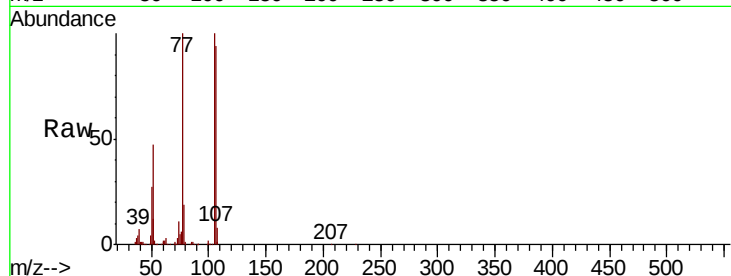
ClientSampleId :

OR-02-123119MSD

Tot Ion:	77	Resp:	268426
Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.2	120.2
106	94.6	77.2	117.2

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#10

Phenol

Concen: 53.269 ng

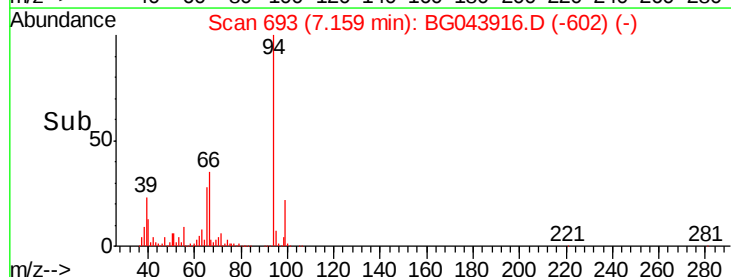
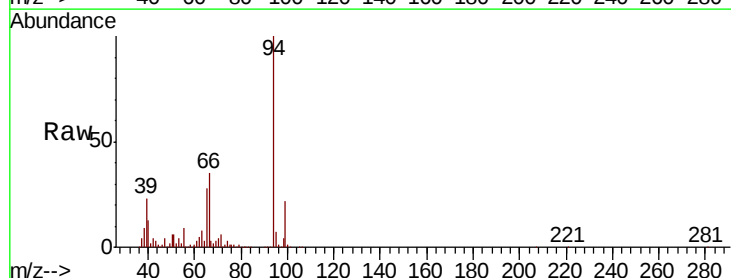
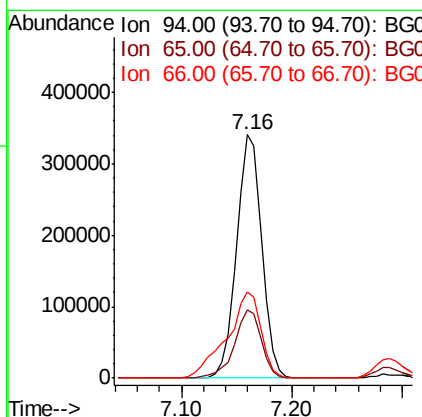
RT: 7.16 min Scan# 693

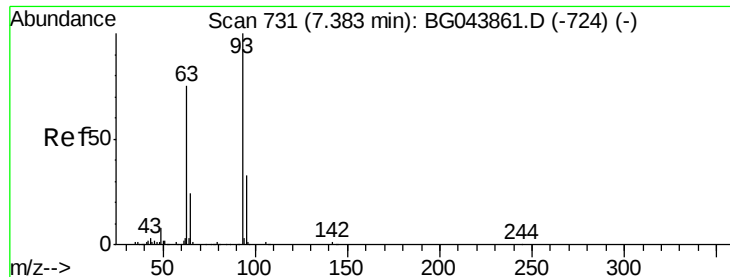
Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Tgt Ion:	94	Resp:	546483
Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.1	48.1
66	35.5	15.6	55.6





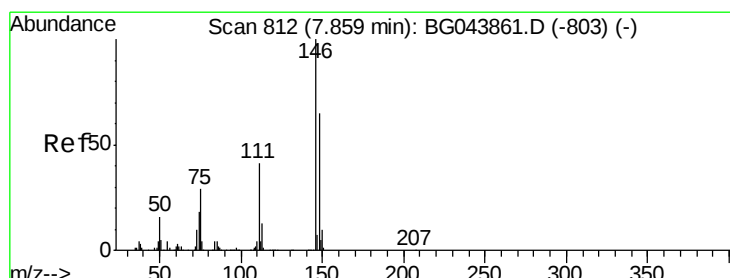
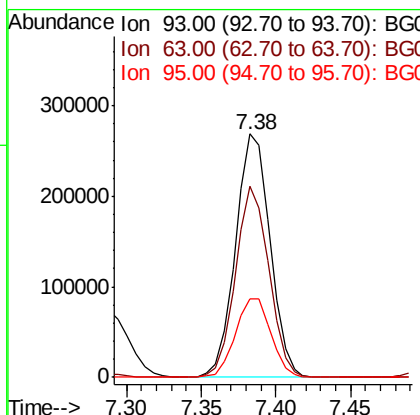
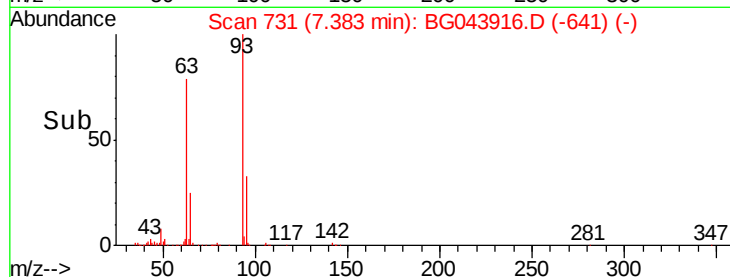
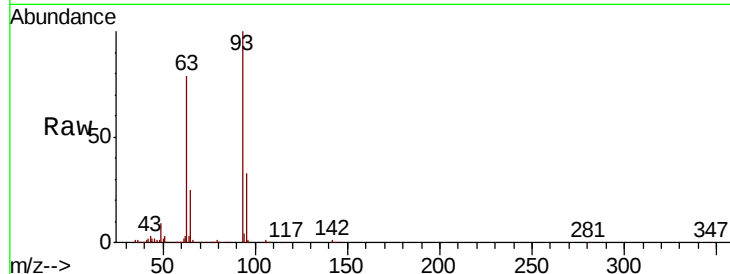
#11
bis(2-Chloroethyl)ether
Concen: 48.821 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	55.0	95.0
95	32.5	13.3	53.3

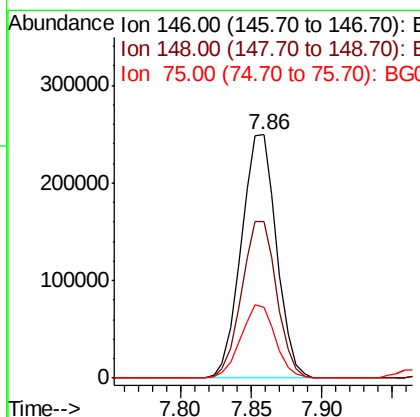
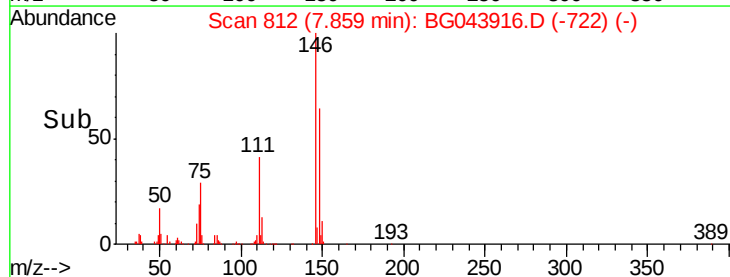
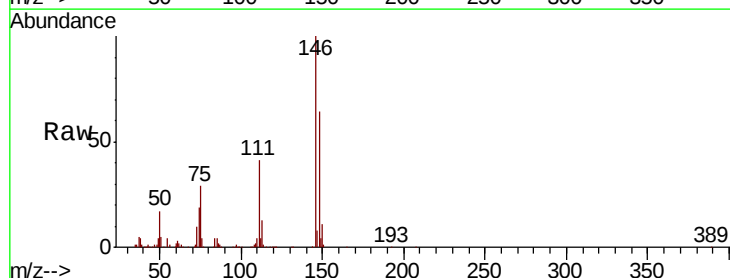
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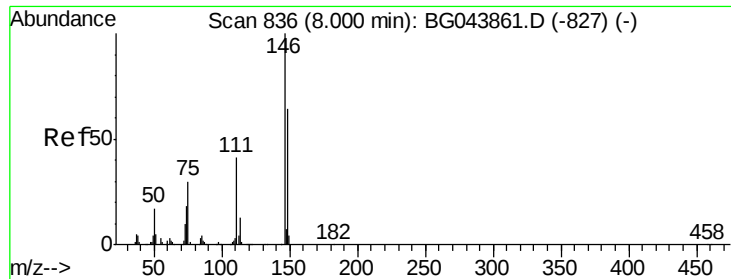
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.400 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	29.3	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 45.431 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

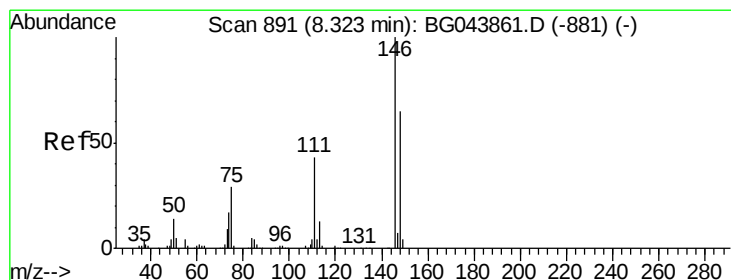
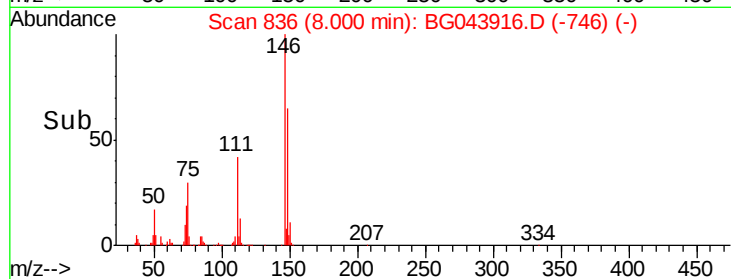
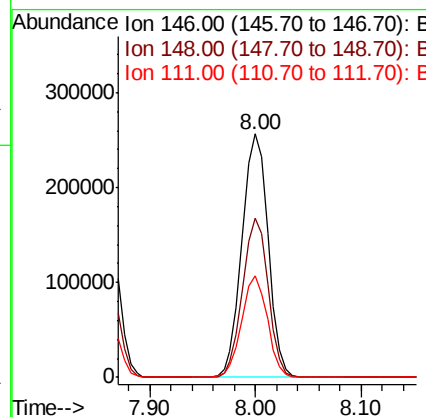
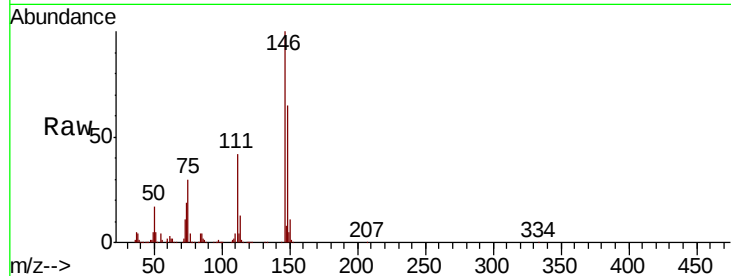
ClientSampleId :

OR-02-123119MSD

Tot Ion:	146	Resp:	438658
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.2	76.8
111	41.6	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 45.193 ng

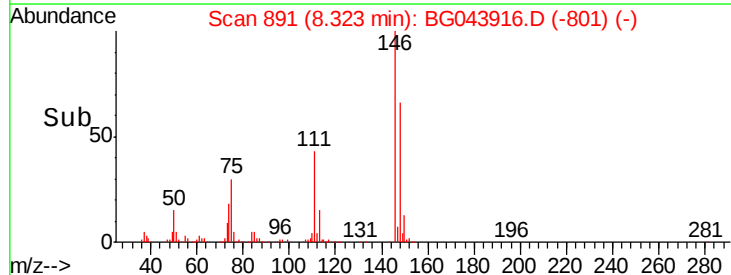
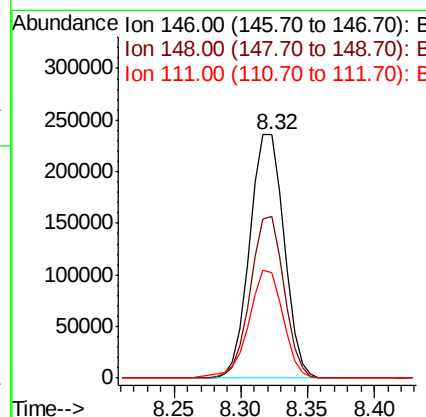
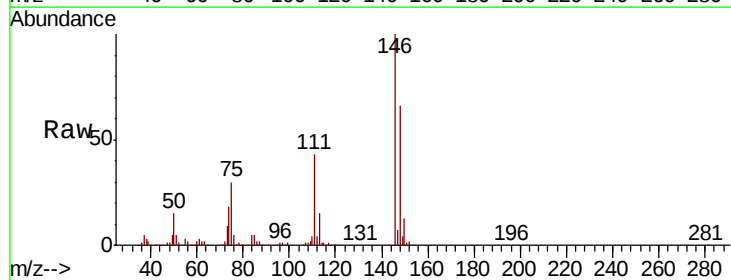
RT: 8.32 min Scan# 891

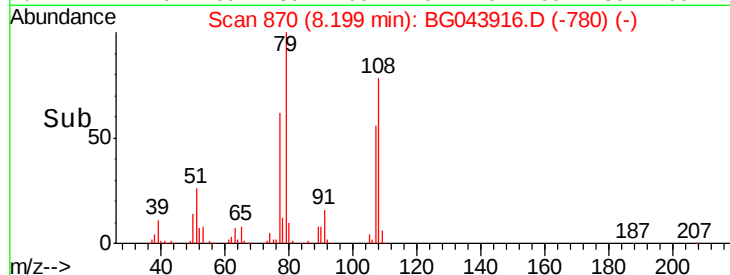
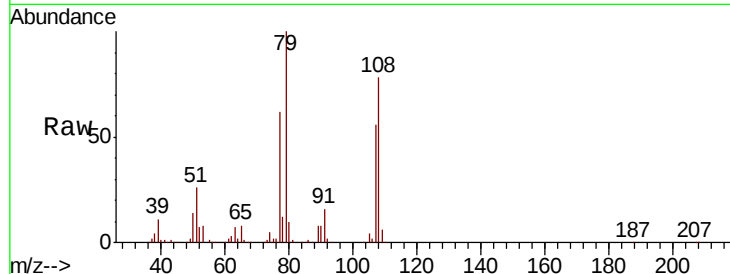
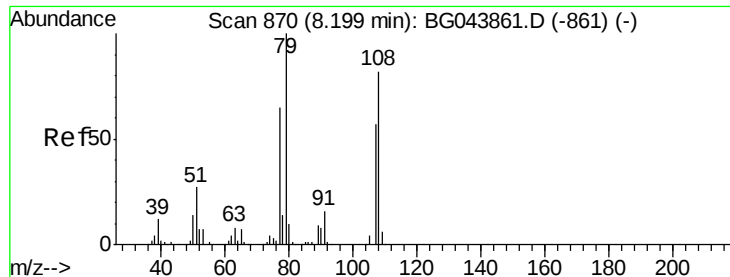
Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Tgt Ion:	146	Resp:	418838
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.7	77.5
111	43.4	34.4	51.6





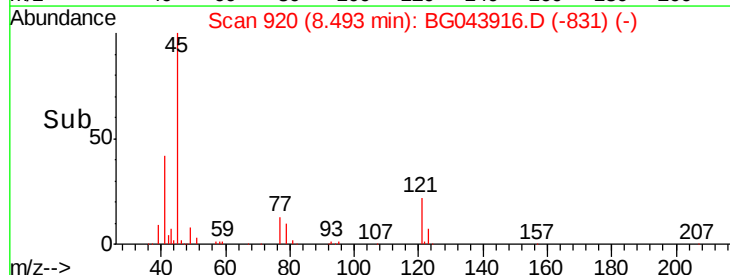
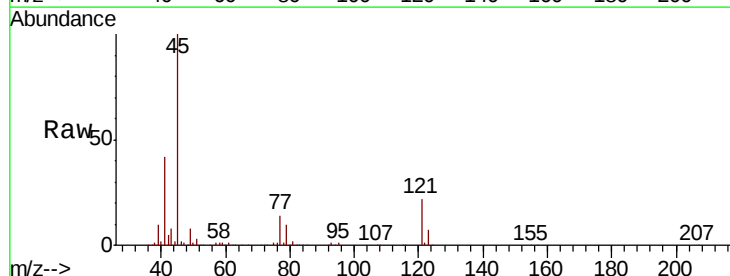
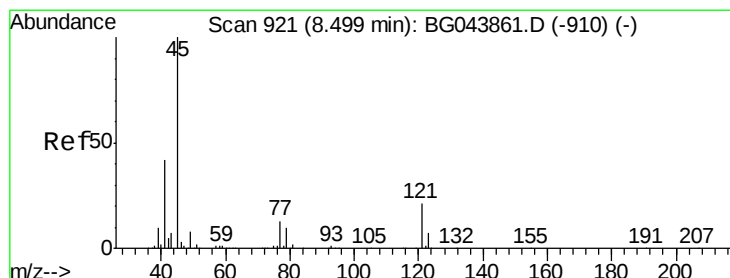
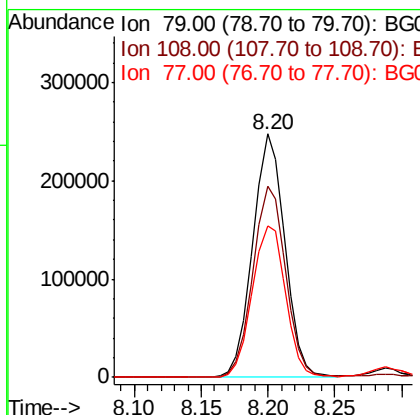
#15
Benzyl Alcohol
Concen: 52.362 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	65.6	98.4
77	62.2	52.0	78.0

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

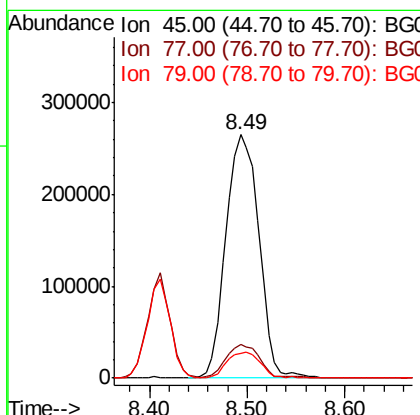
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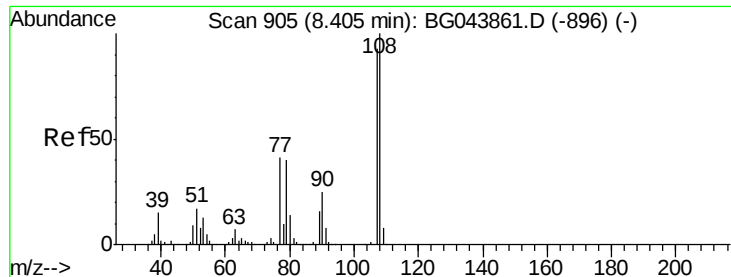
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.251 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.8
79	10.3	0.0	31.0





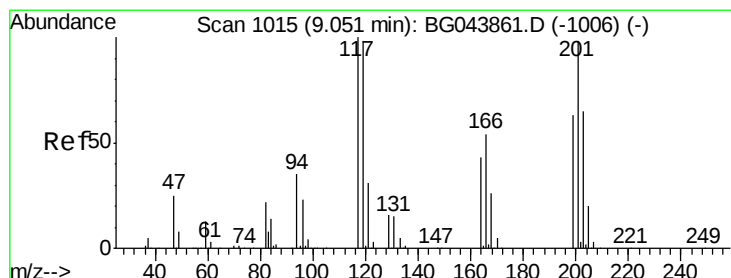
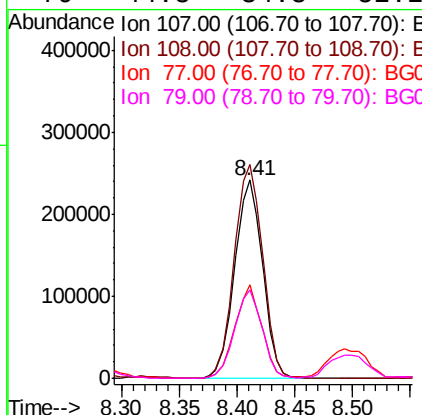
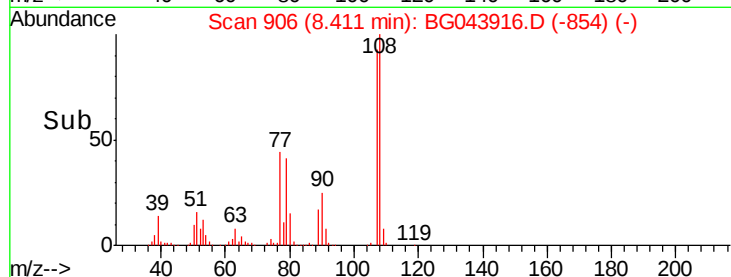
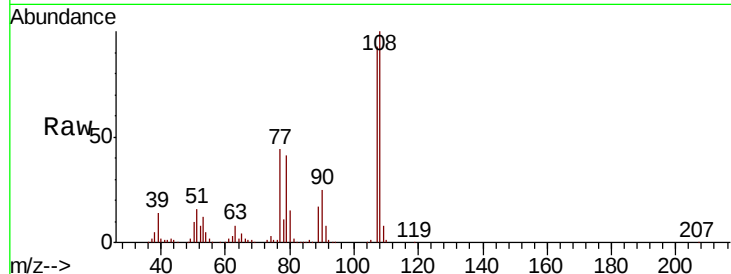
#17
2-Methylphenol
Concen: 54.711 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	86.1	129.1	
77	47.4	35.4	53.0	
79	44.8	34.8	52.2	

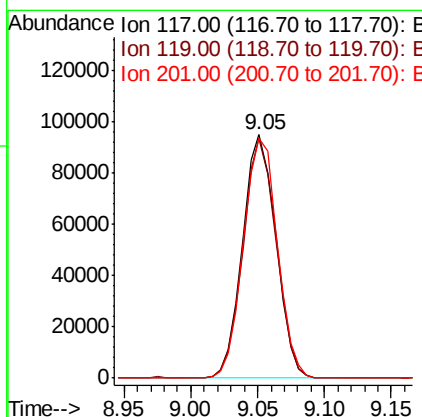
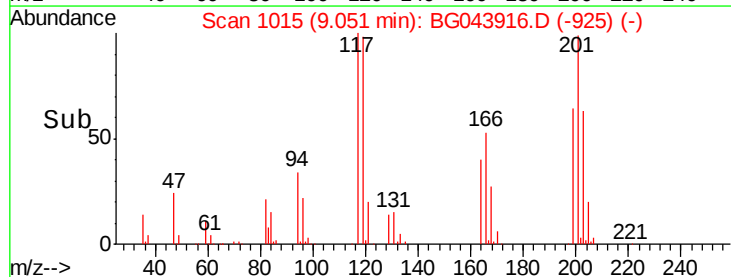
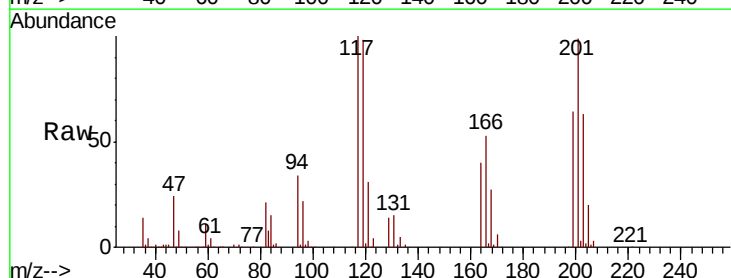
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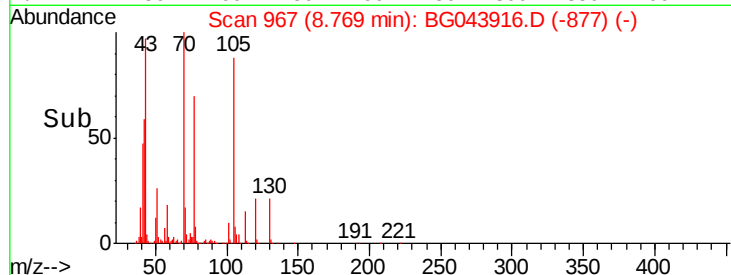
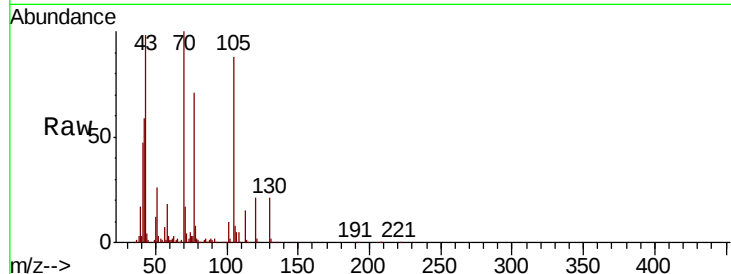
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#18
Hexachloroethane
Concen: 43.748 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	78.1	117.1	
201	98.6	78.6	117.8	





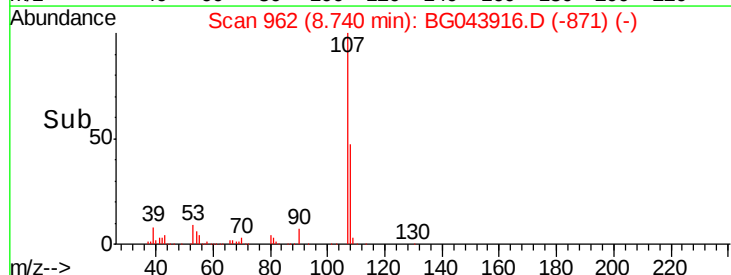
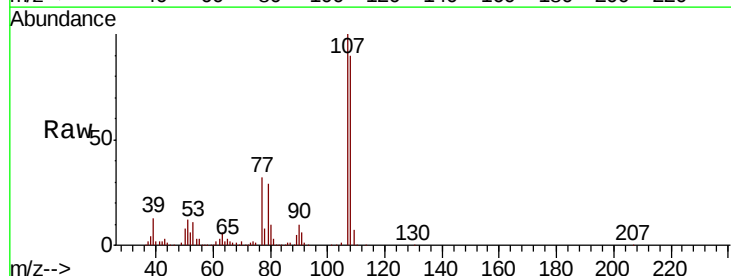
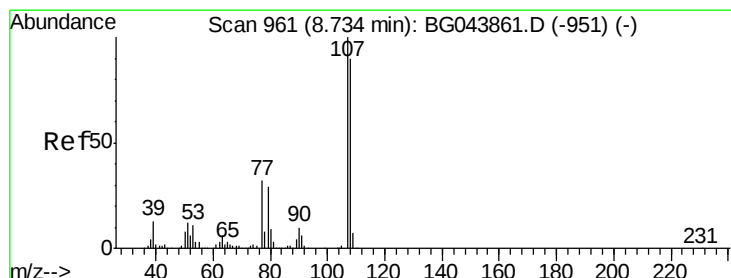
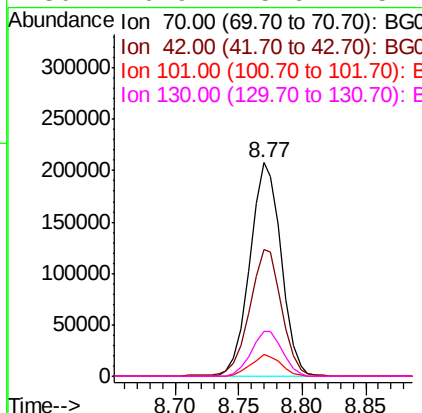
#19
n-Nitroso-di-n-propylamine
Concen: 47.912 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	47.0	70.4	
101	9.9	7.2	10.8	
130	20.9	15.6	23.4	

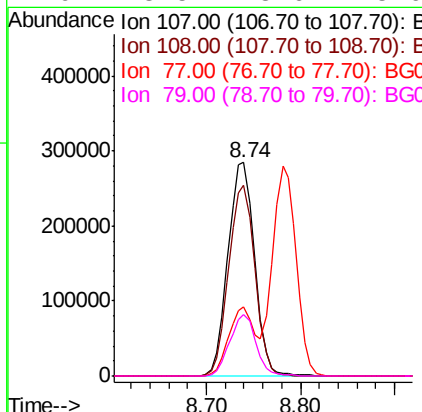
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#20
3+4-Methylphenols
Concen: 54.026 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	70.3	110.3	
77	32.2	12.4	52.4	
79	28.5	8.6	48.6	





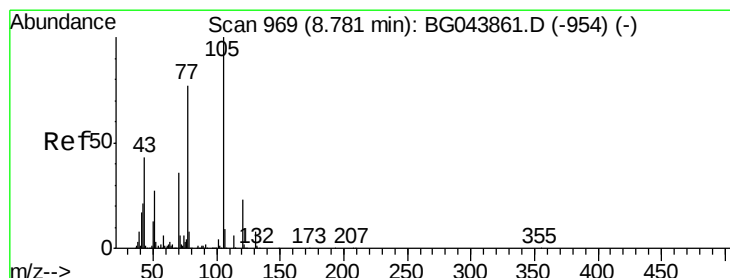
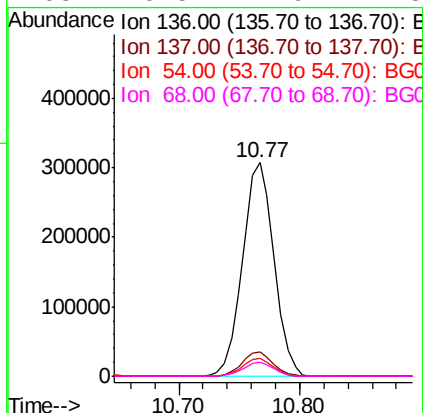
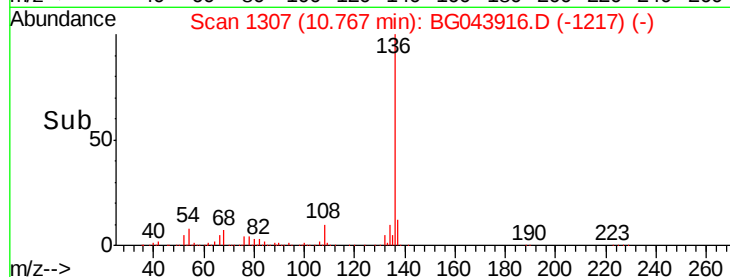
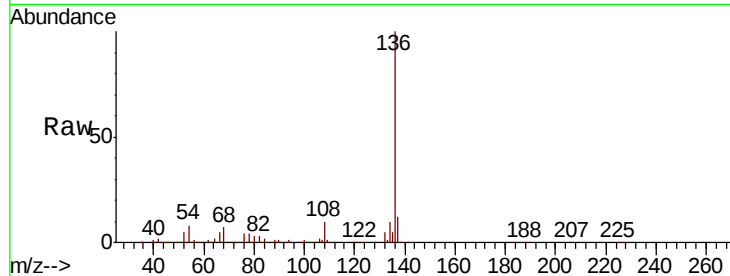
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		555321		
137	11.6	8.8	13.2		
54	8.5	7.0	10.4		
68	6.5	4.9	7.3		

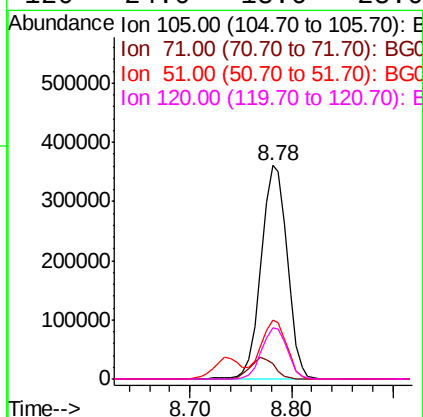
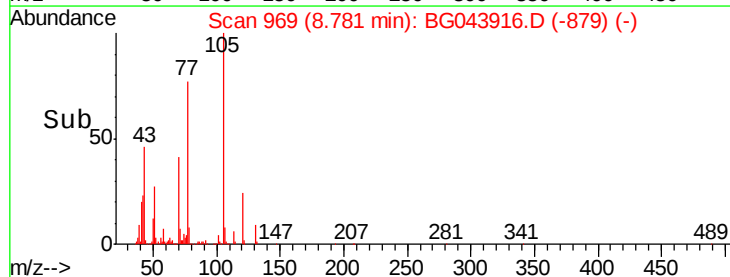
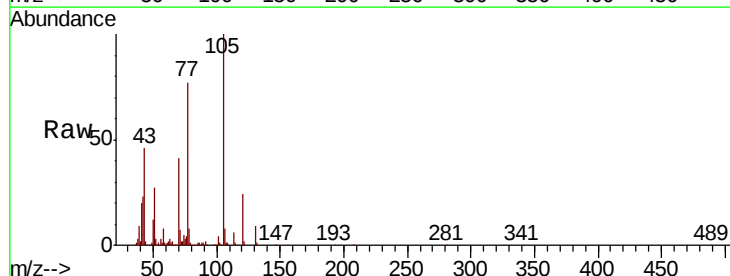
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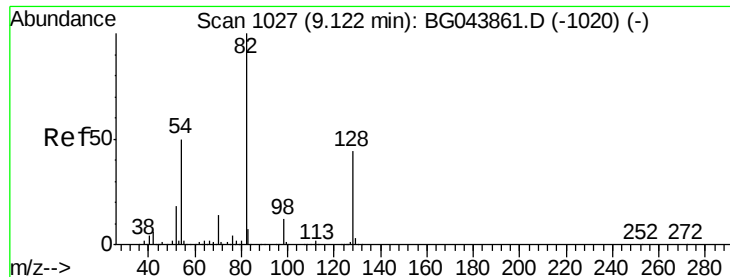
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#22
Acetophenone
Concen: 46.745 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		645353		
71	7.0	4.8	7.2		
51	27.3	21.4	32.0		
120	24.0	18.6	28.0		





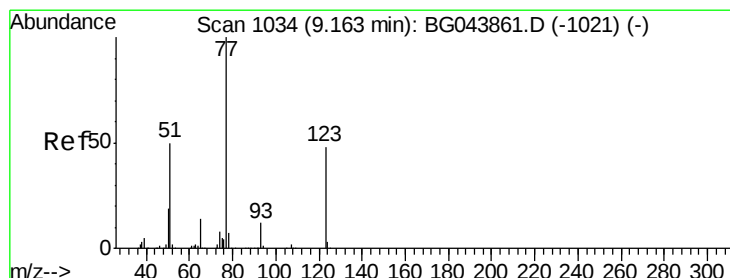
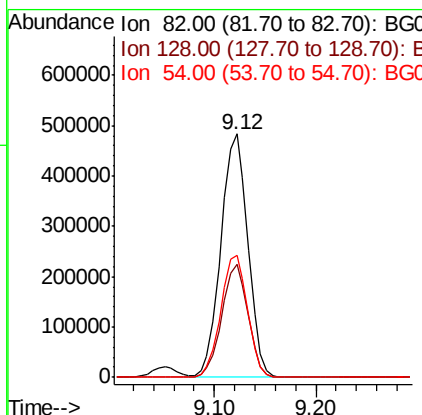
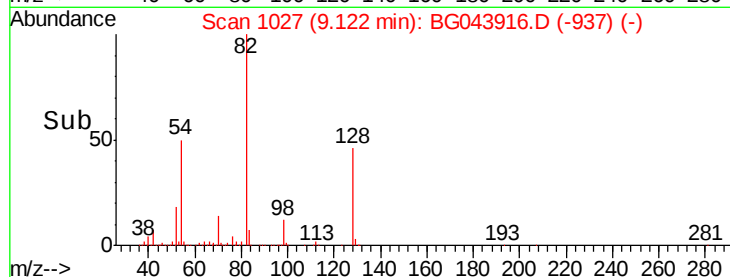
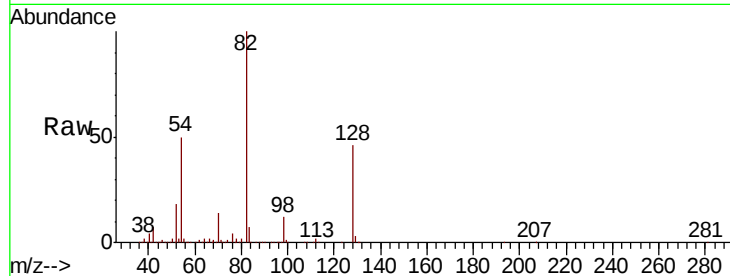
#23
Nitrobenzene-d5
Concen: 85.732 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	50.3	40.1	60.1

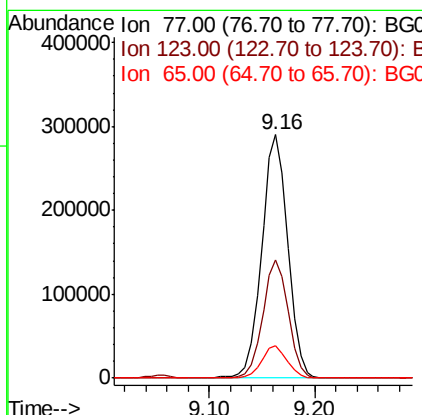
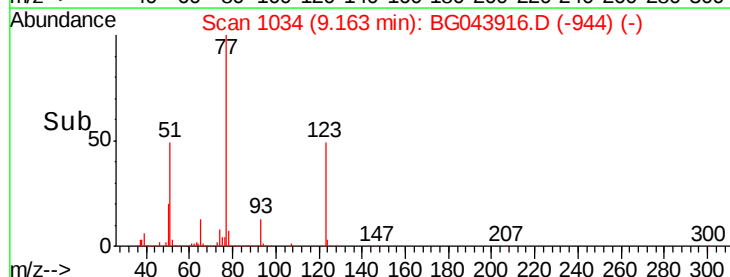
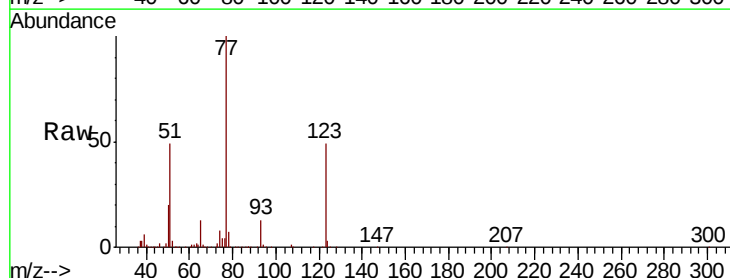
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#24
Nitrobenzene
Concen: 48.125 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.7	58.1
65	13.3	11.1	16.7





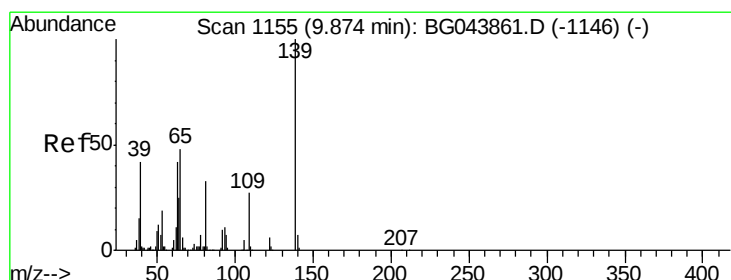
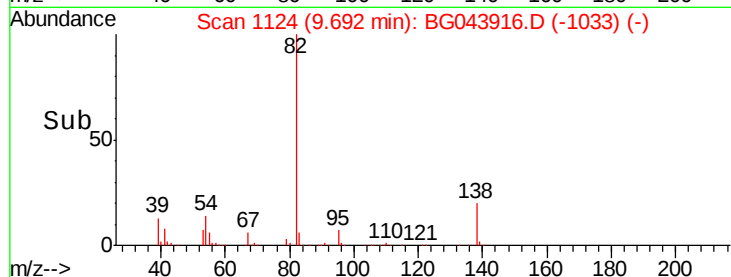
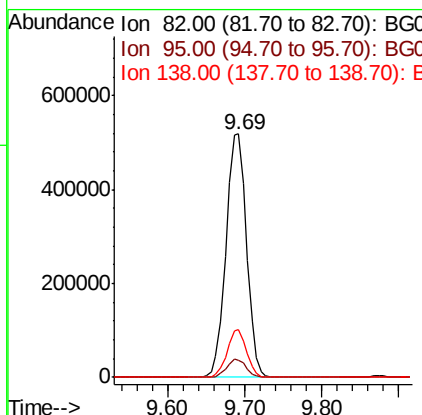
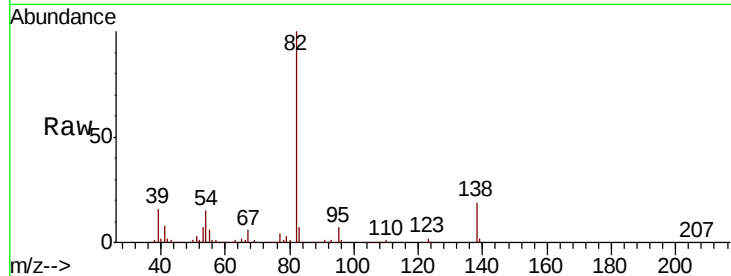
#25
Isophorone
Concen: 49.508 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	964167		
95	7.2		5.8	8.6
138	19.4		14.6	22.0

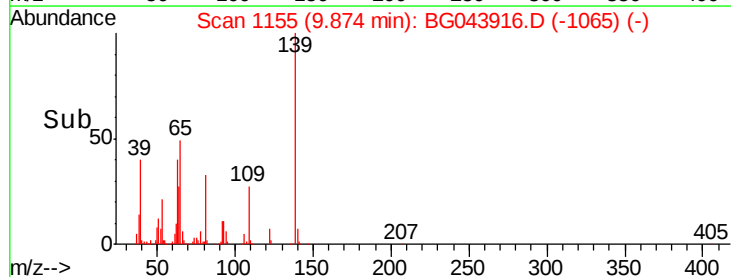
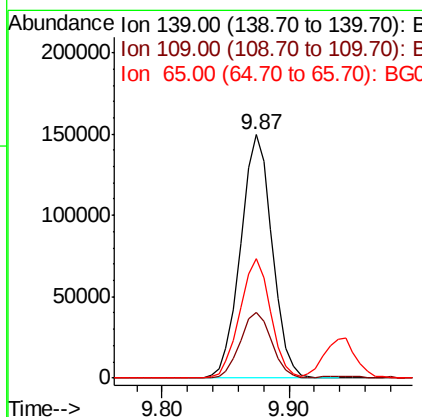
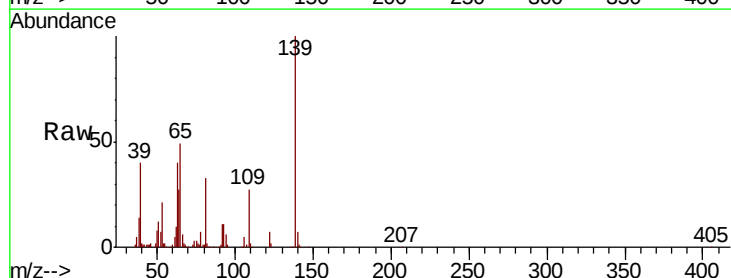
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#26
2-Nitrophenol
Concen: 53.093 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	258256		
109	26.8		21.3	31.9
65	49.1		38.6	57.8





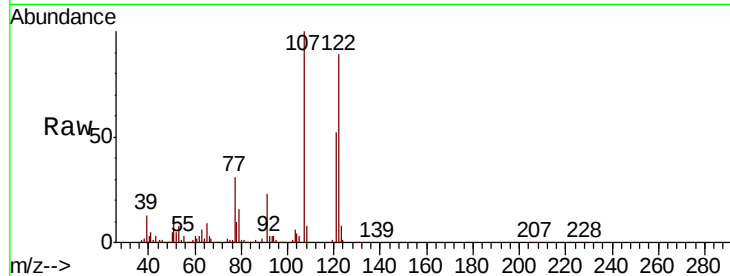
#27
2,4-Dimethylphenol
Concen: 58.247 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	426487		
107	112.1	88.0	132.0	
121	58.5	49.0	73.4	

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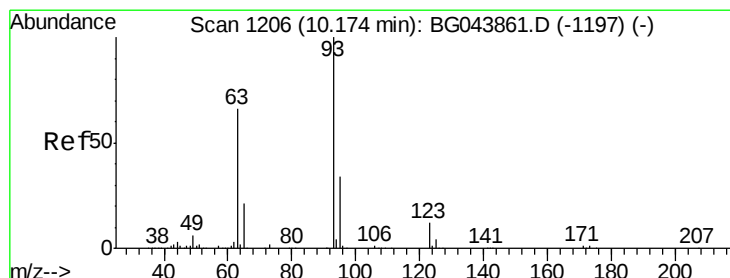
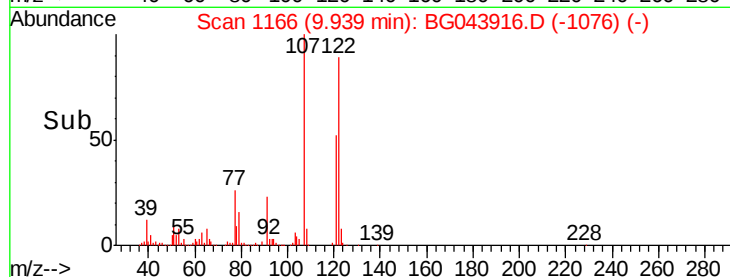
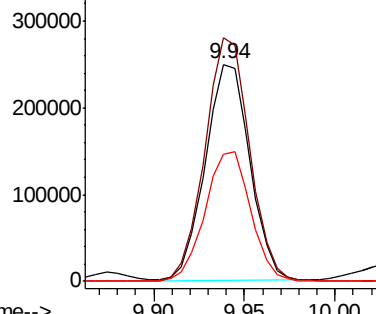


Abundance

Ion 122.00 (121.70 to 122.70): E

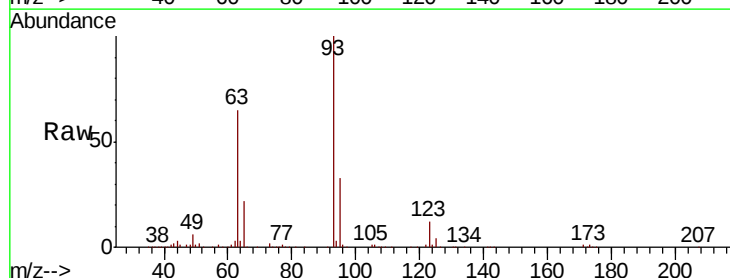
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.680 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	606078		
95	33.2	27.2	40.8	
123	12.2	9.7	14.5	

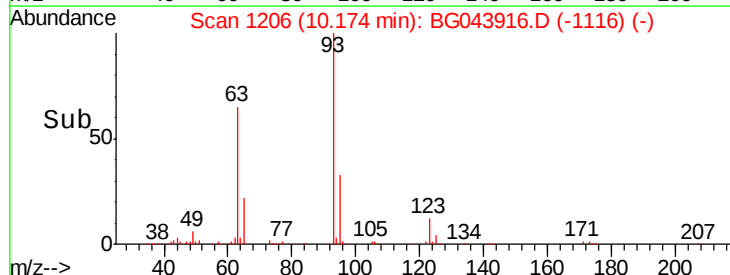
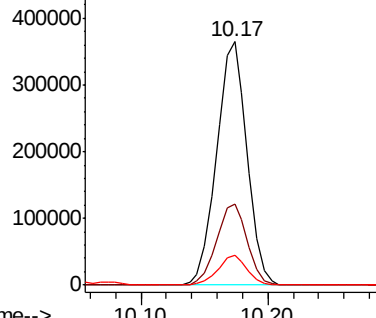


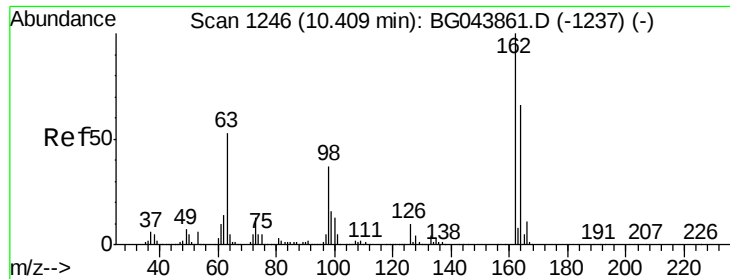
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





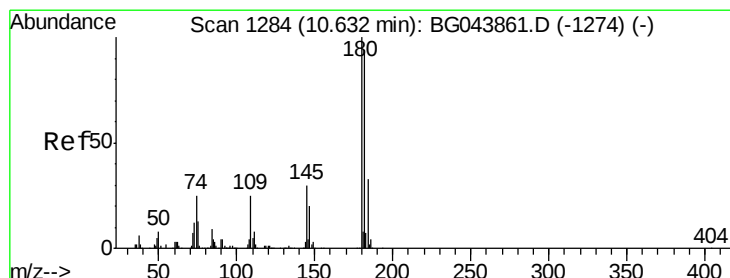
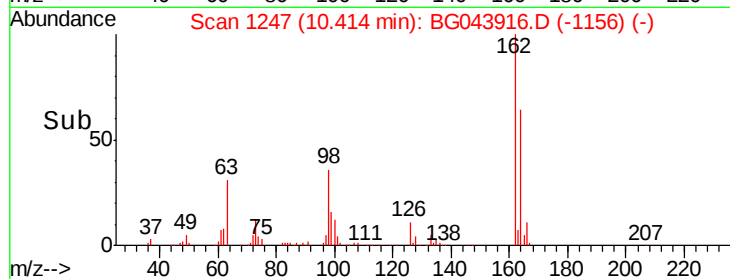
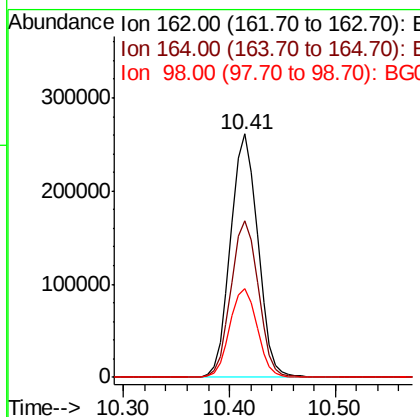
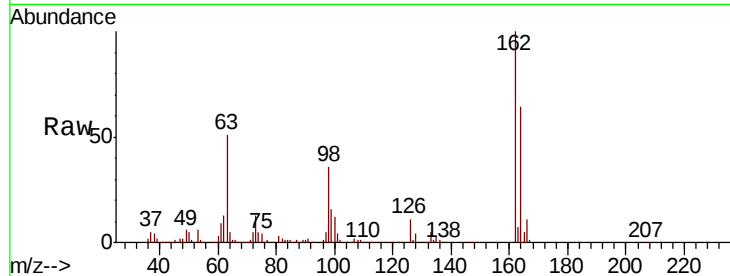
#29
2,4-Dichlorophenol
Concen: 53.384 ng
RT: 10.41 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	466252		
164	64.3	46.3	86.3	
98	36.2	17.3	57.3	

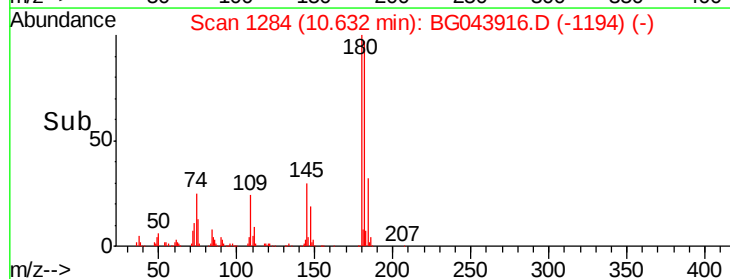
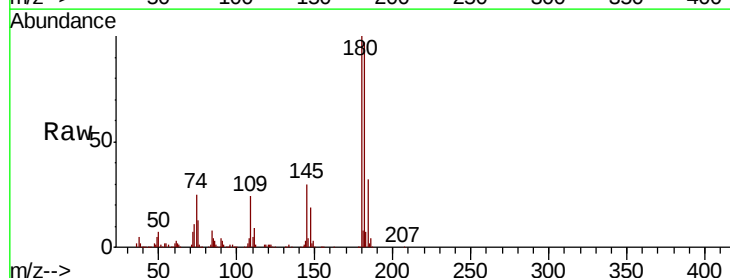
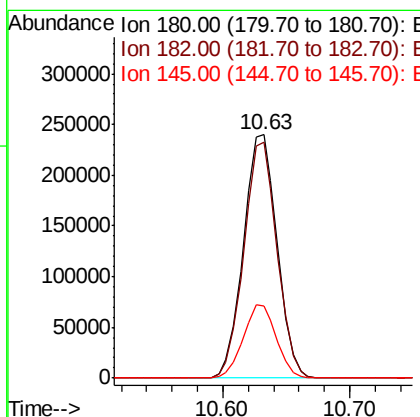
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#30
1,2,4-Trichlorobenzene
Concen: 45.119 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	441845		
182	97.0	75.0	112.4	
145	29.8	24.2	36.4	





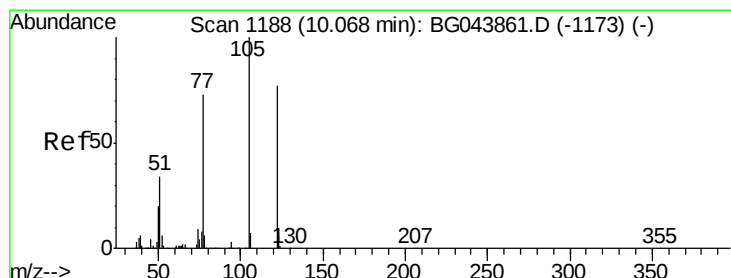
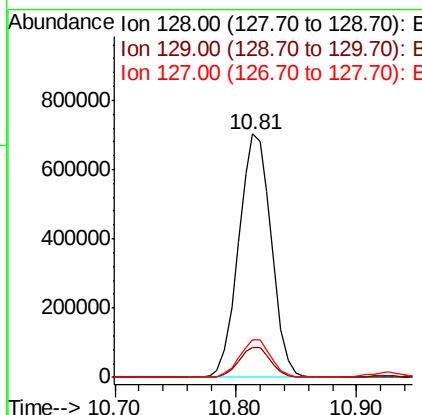
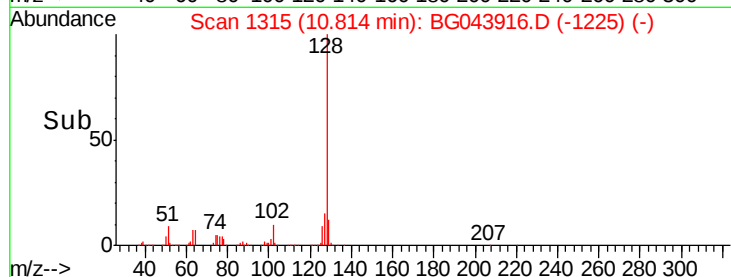
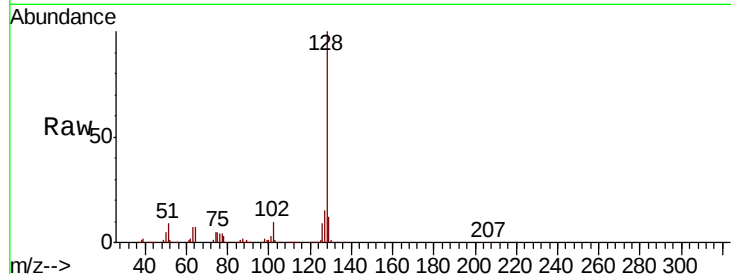
#31
Naphthalene
Concen: 49.031 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	15.3	12.0	18.0

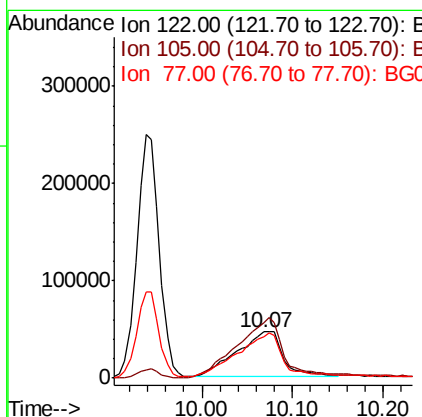
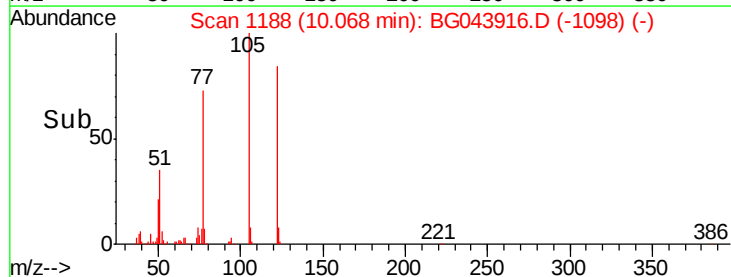
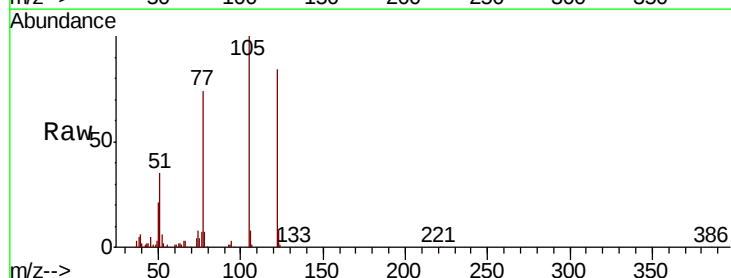
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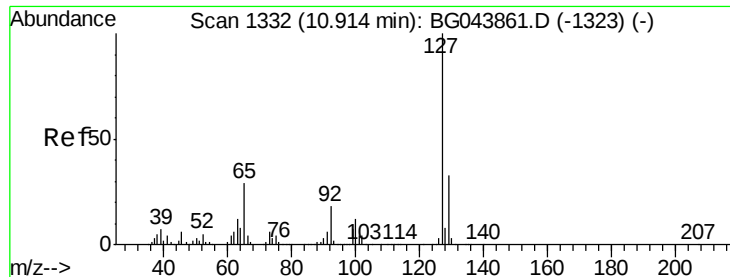
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#32
Benzoic acid
Concen: 30.654 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	106.4	146.4
77	88.6	74.6	114.6





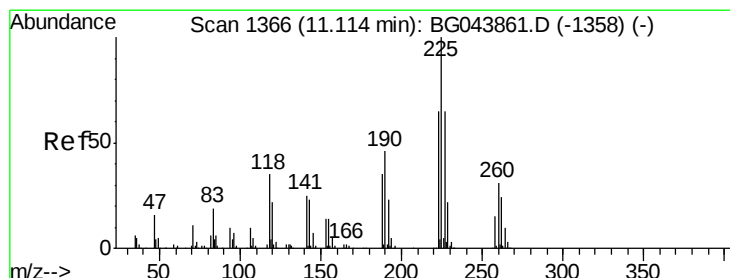
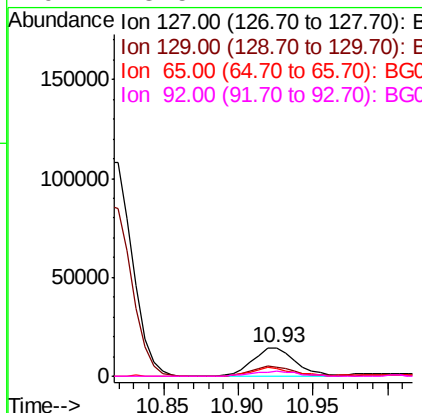
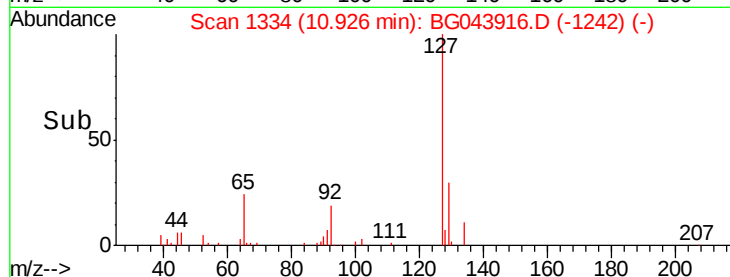
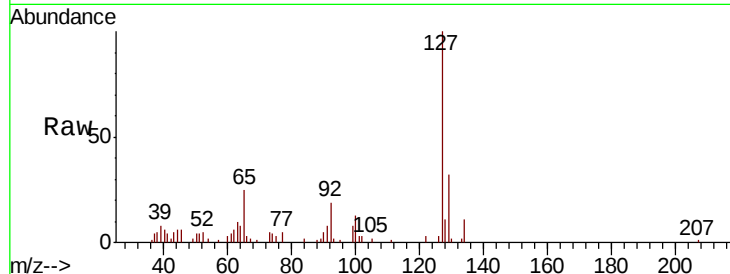
#33
4-Chloroaniline
Concen: 2.258 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		28941		
129	32.1	26.6	40.0		
65	25.3	23.3	34.9		
92	18.5	14.7	22.1		

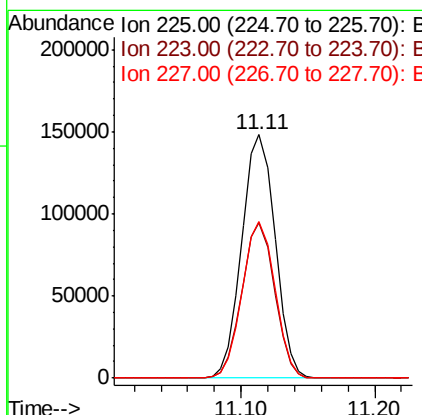
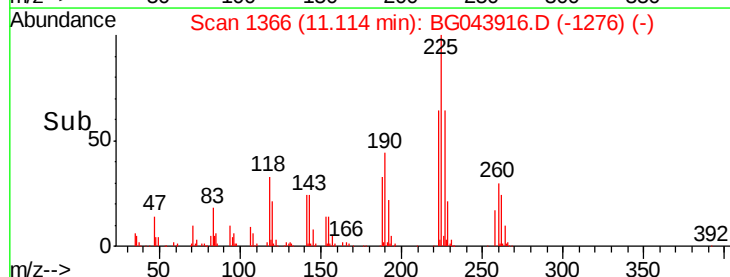
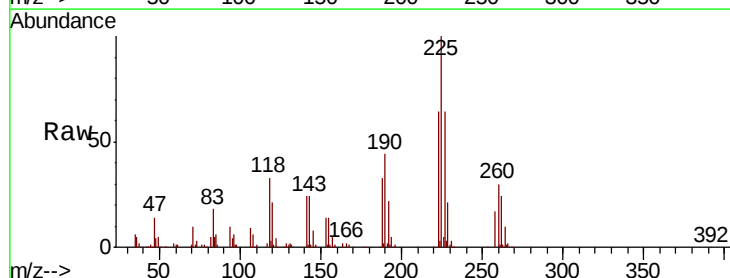
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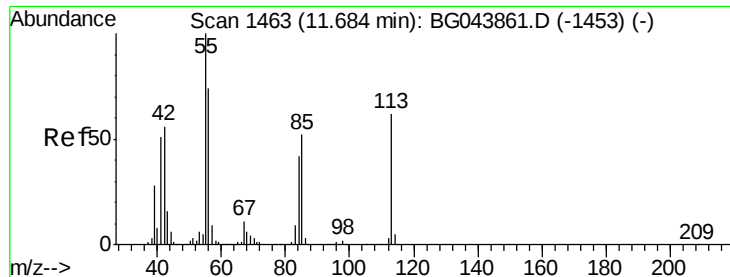
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#34
Hexachlorobutadiene
Concen: 42.717 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		255410		
223	63.7	52.2	78.4		
227	64.2	52.1	78.1		





#35

Caprolactam

Concen: 52.236 ng/mL

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MSD

Tot Ion: 113 Resp: 169840

Ion Ratio Lower Upper

113 100

55 169.3 142.5 182.5

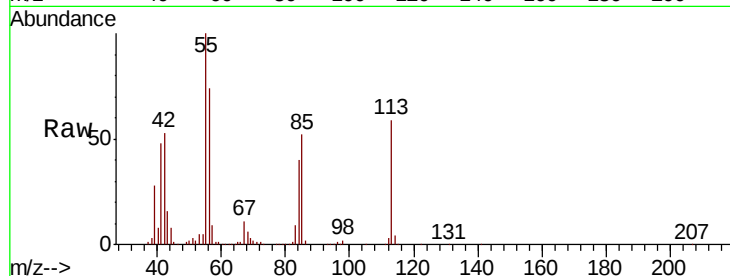
56 124.8 101.4 141.4

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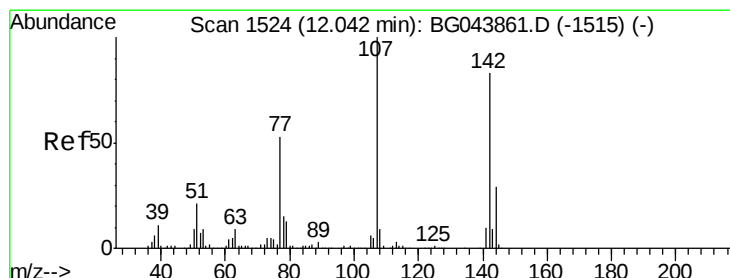
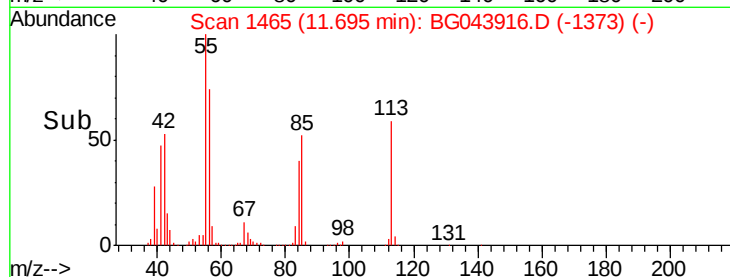
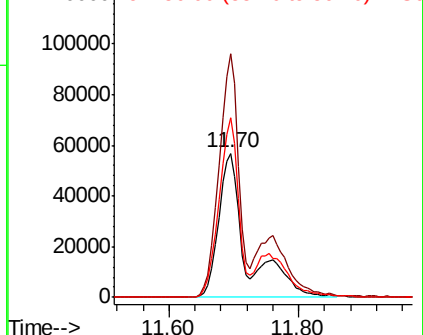


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 55.222 ng/mL

RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

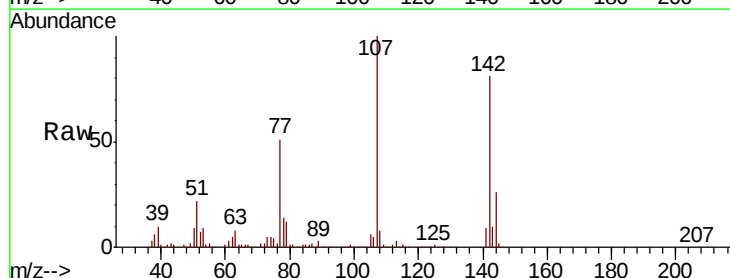
Tgt Ion: 107 Resp: 513448

Ion Ratio Lower Upper

107 100

144 26.5 23.4 35.2

142 81.5 66.3 99.5

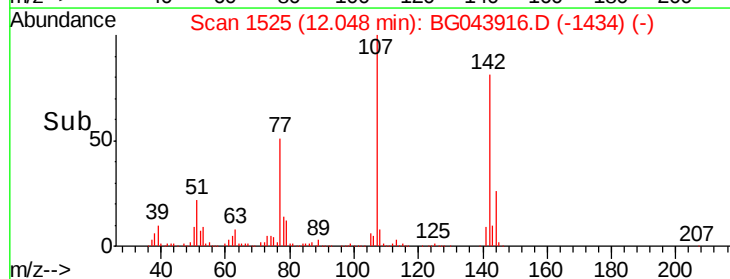
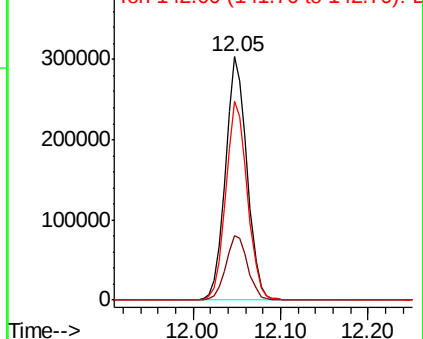


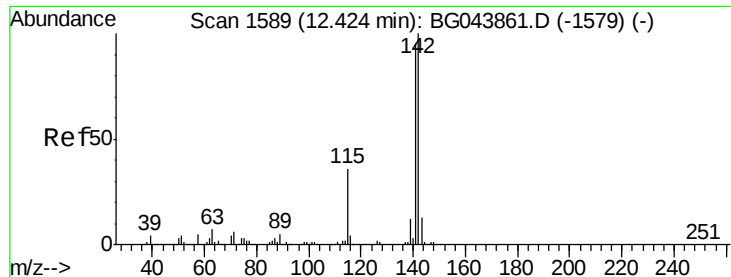
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





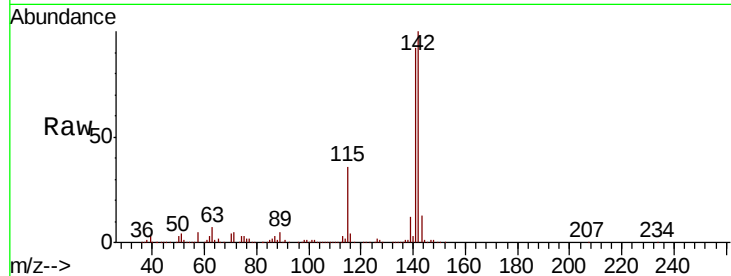
#37
2-Methylnaphthalene
Concen: 49.378 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.8
115	35.5	28.6	42.8

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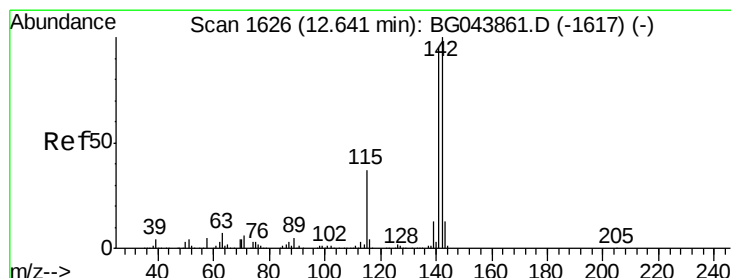
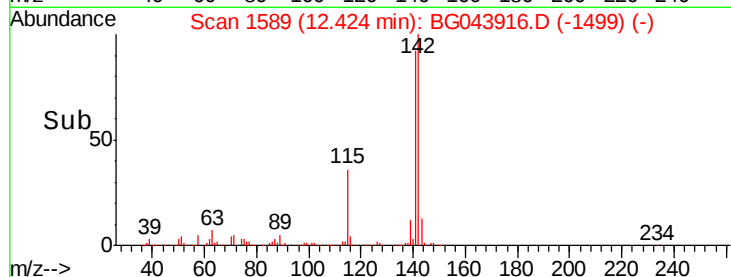
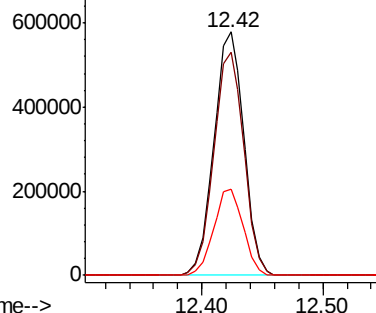


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.874 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

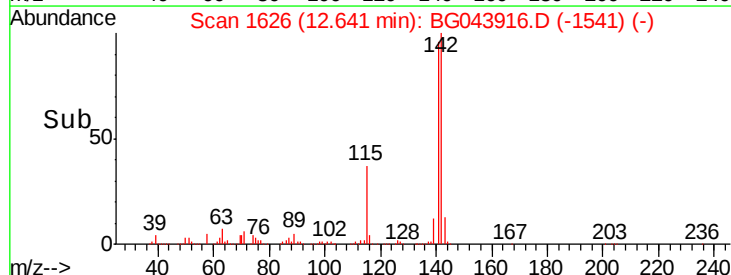
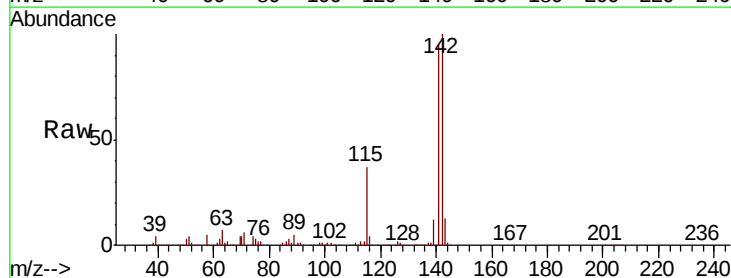
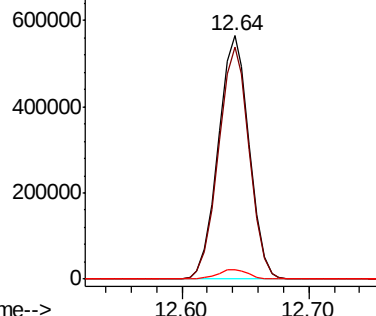
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	76.0	114.0
116	3.9	3.1	4.7

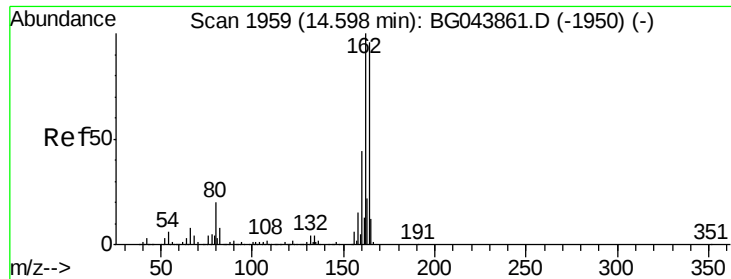
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





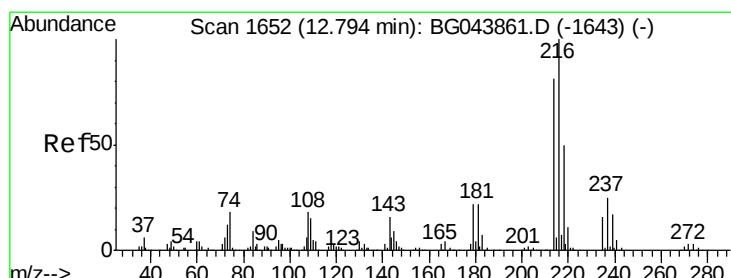
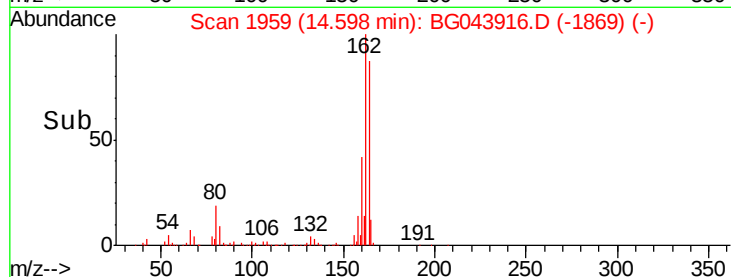
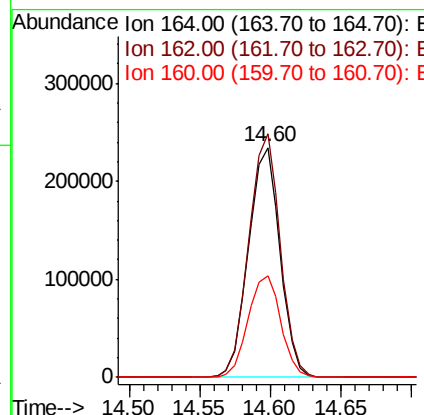
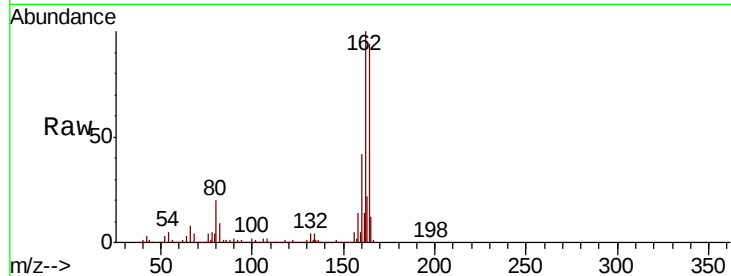
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.9	83.0	124.4	
160	44.1	36.1	54.1	

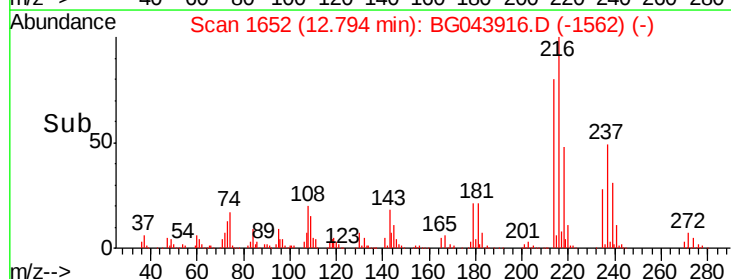
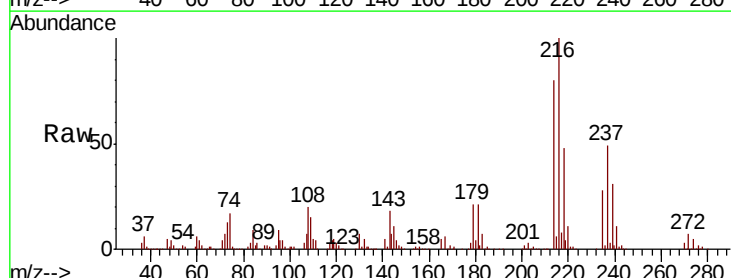
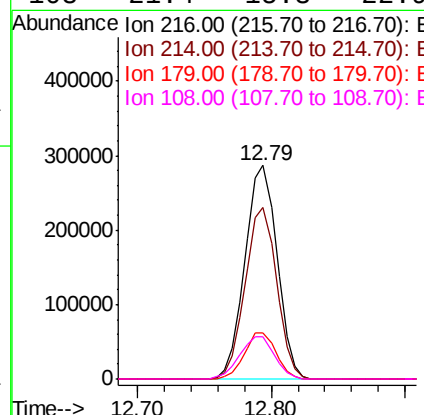
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.236 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.8	95.8	
179	21.5	17.3	25.9	
108	21.4	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 102.309 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

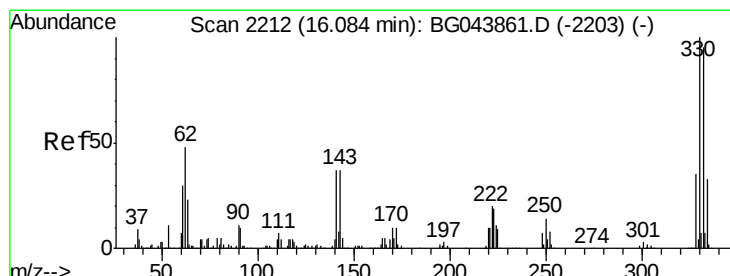
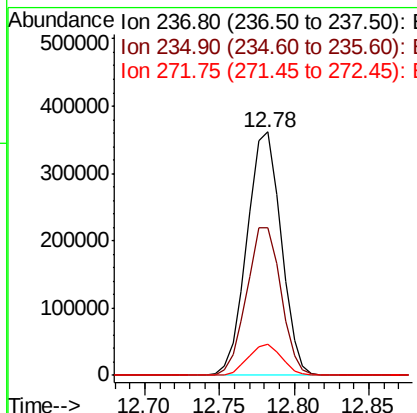
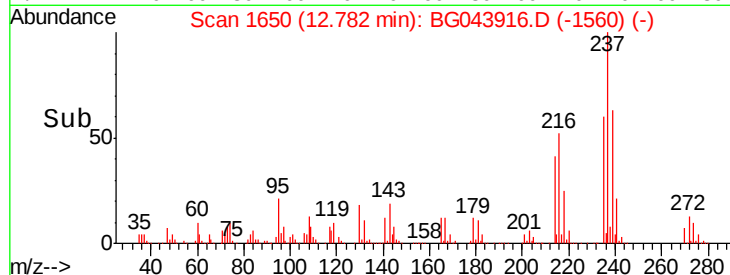
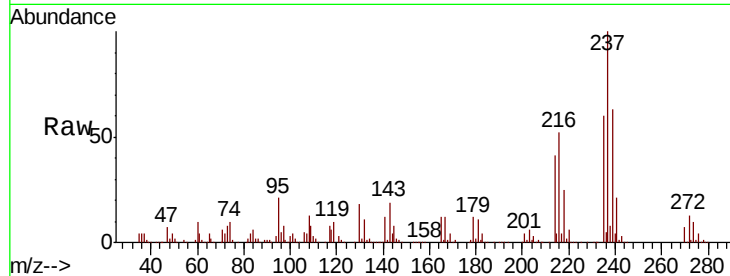
ClientSampleId :

OR-02-123119MSD

Tot Ion:	237	Resp:	571396
Ion Ratio	Lower	Upper	
237	100		
235	60.5	41.1	81.1
272	13.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 144.924 ng

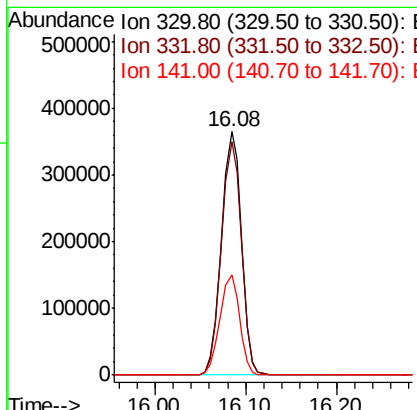
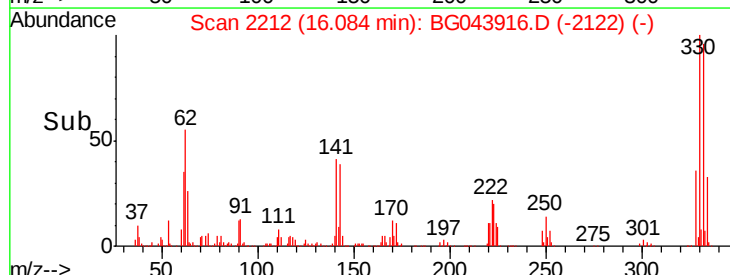
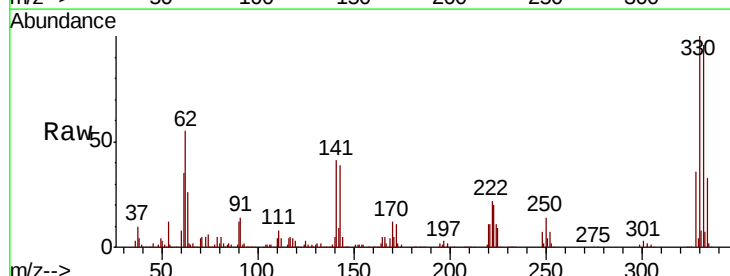
RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Tgt Ion:	330	Resp:	557418
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.2	115.8
141	40.5	33.1	49.7





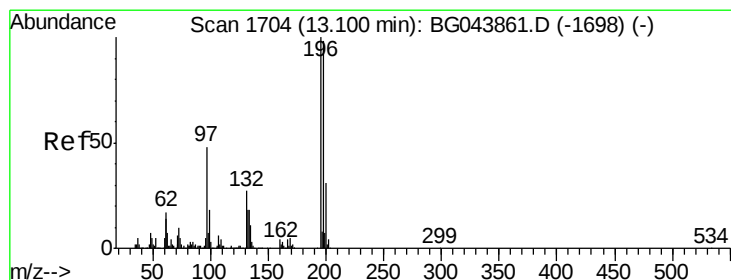
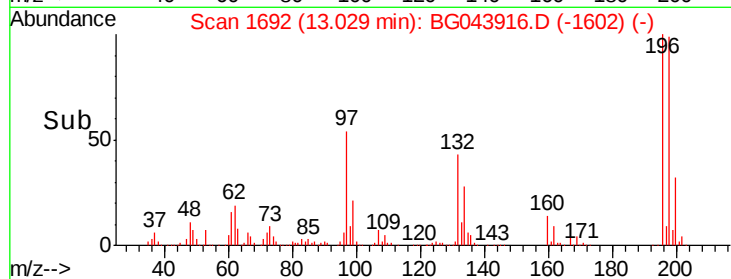
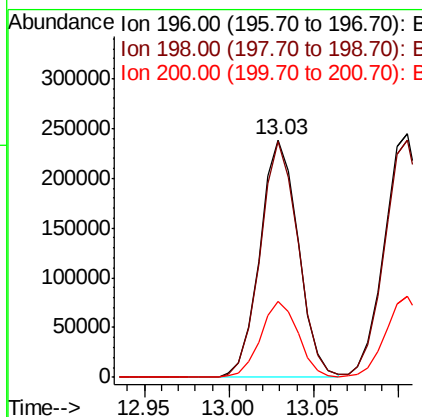
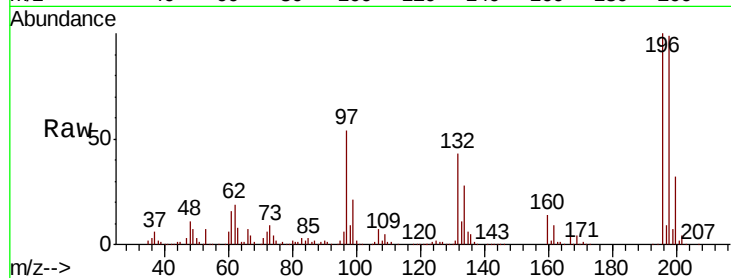
#43
2,4,6-Trichlorophenol
Concen: 50.728 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	76.6	115.0
200	31.8	24.6	37.0

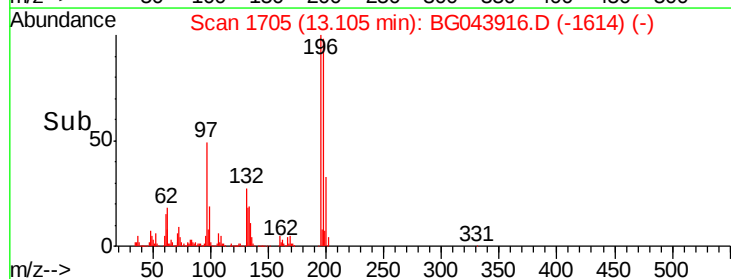
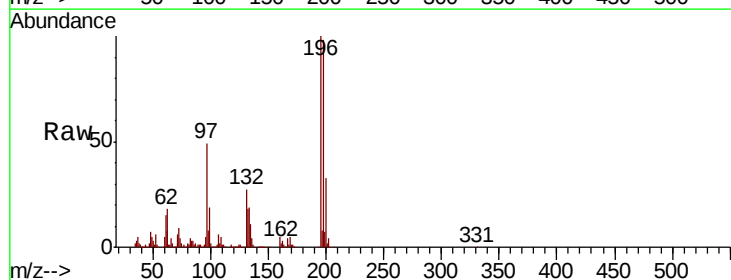
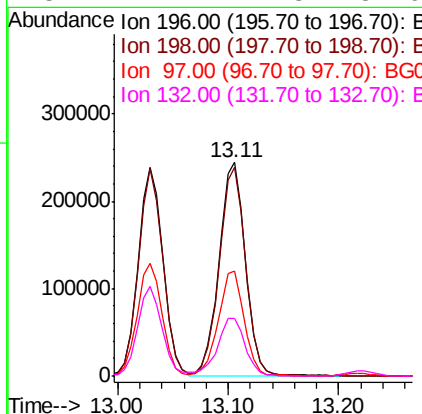
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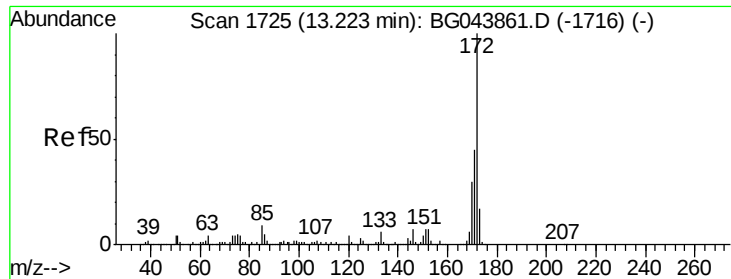
mohammad
1/6/2020 11:42:11 AM



#44
2,4,5-Trichlorophenol
Concen: 52.863 ng
RT: 13.11 min Scan# 1705
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.3	117.5
97	49.2	38.8	58.2
132	27.2	21.3	31.9





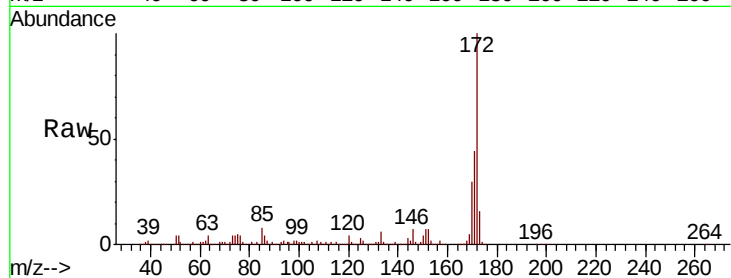
#45
2-Fluorobiphenyl
Concen: 91.115 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.2	35.8	53.8
170	30.4	24.2	36.4

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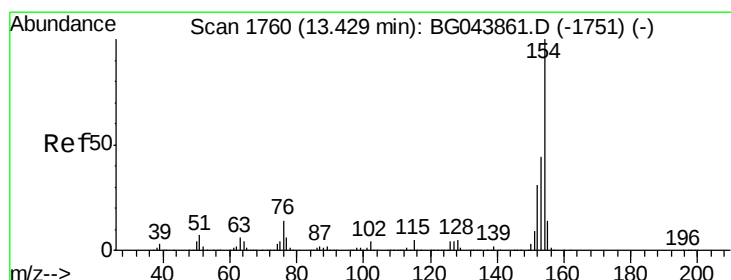
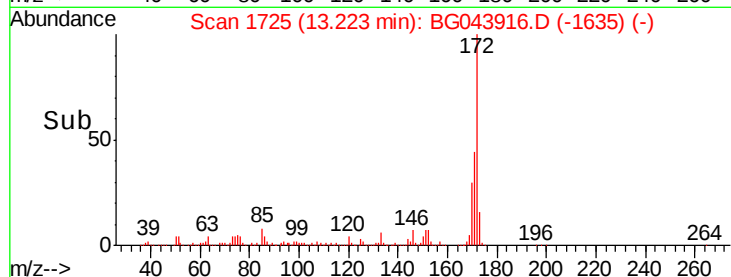
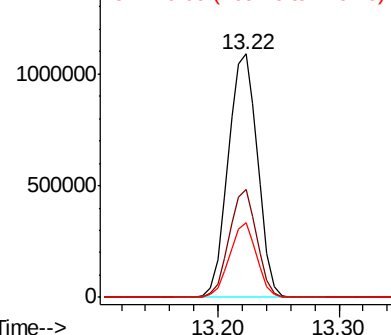


Abundance

Ion 172.00 (171.70 to 172.70): E

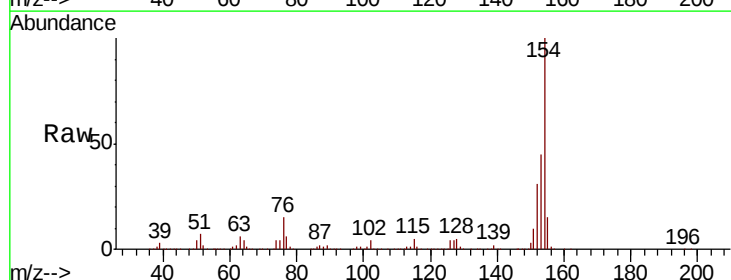
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.710 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	23.6	63.6
76	14.6	0.0	34.4

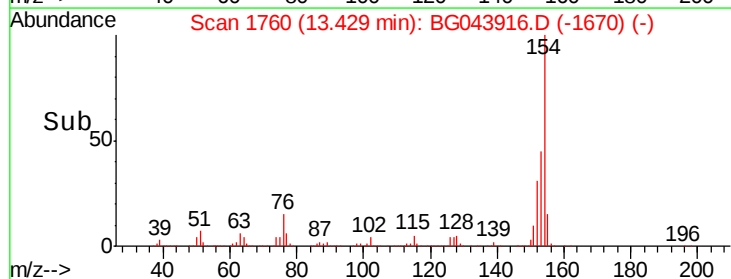
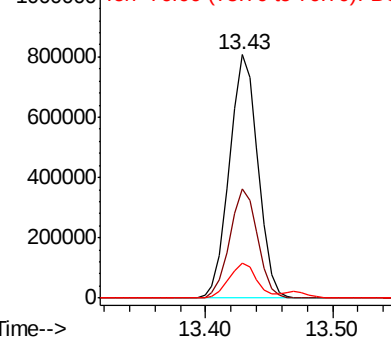


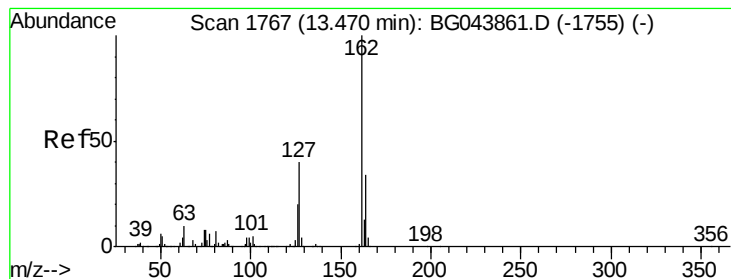
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





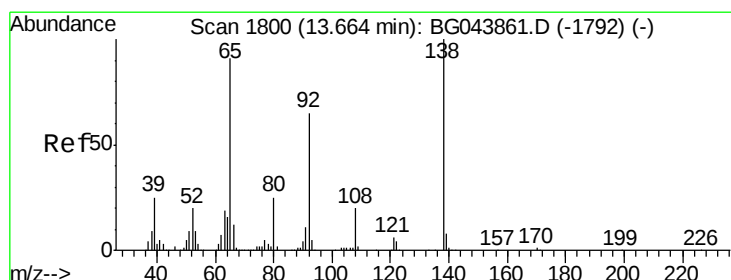
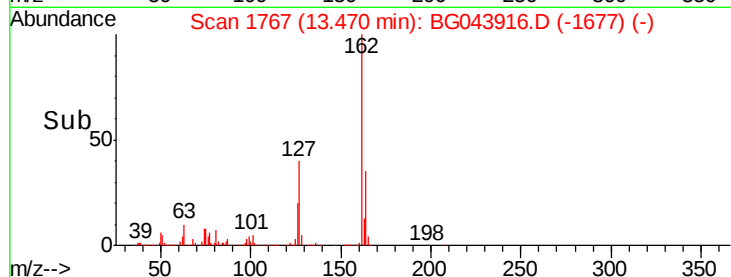
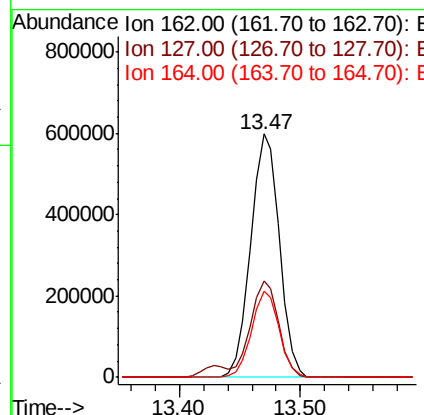
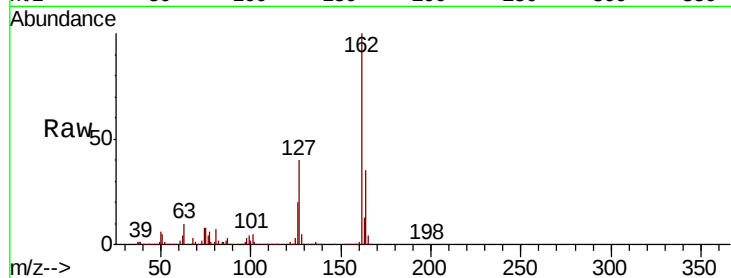
#47
2-Chloronaphthalene
Concen: 46.323 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	32.1	48.1	
164	35.4	27.5	41.3	

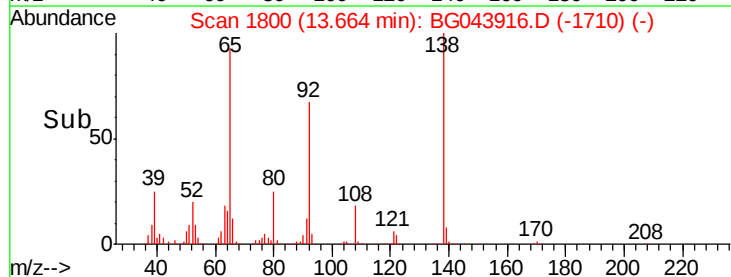
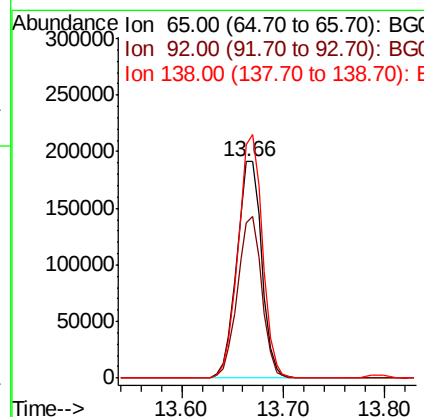
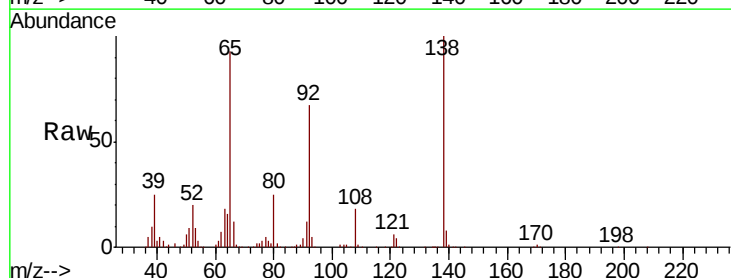
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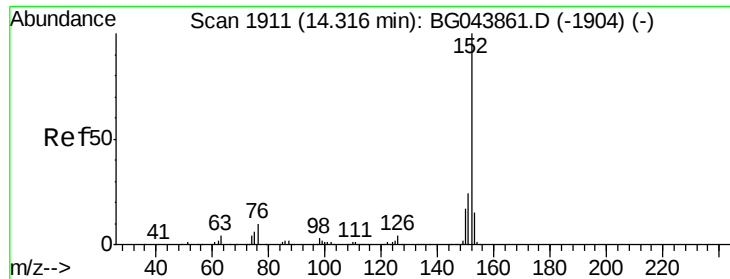
mohammad
1/6/2020 11:42:11 AM



#48
2-Nitroaniline
Concen: 47.575 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.9	57.4	86.2	
138	107.8	88.2	132.4	





#49

Acenaphthylene

Concen: 50.315 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MSD

Tot Ion:152 Resp: 1539970

Ion Ratio Lower Upper

152 100

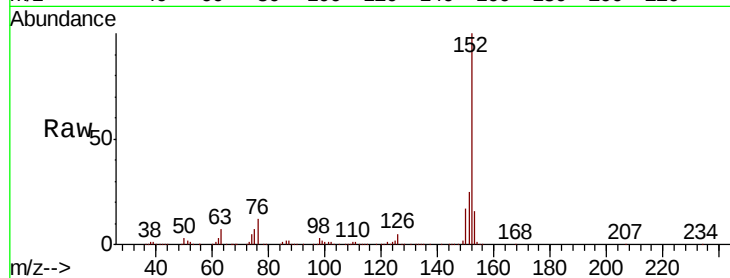
151 24.6 19.4 29.2

153 15.8 12.0 18.0

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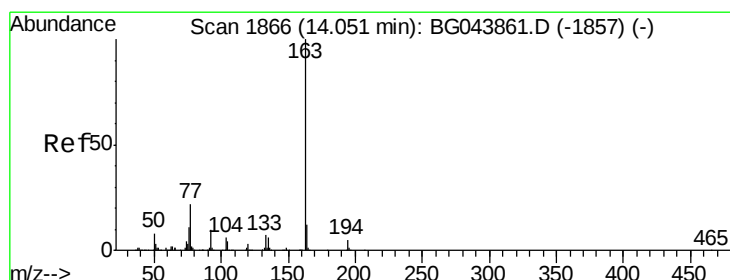
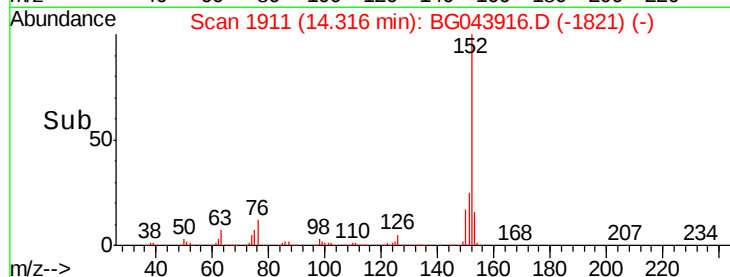
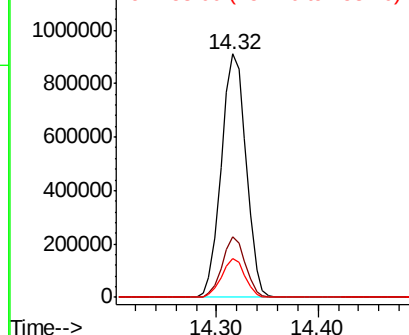


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.191 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

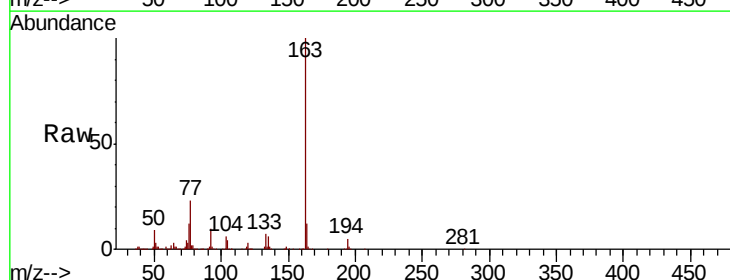
Tgt Ion:163 Resp: 1283737

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

164 12.1 9.3 13.9

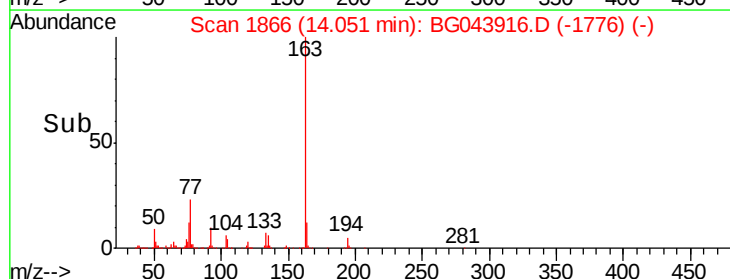
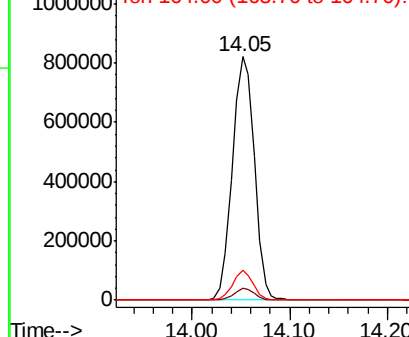


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





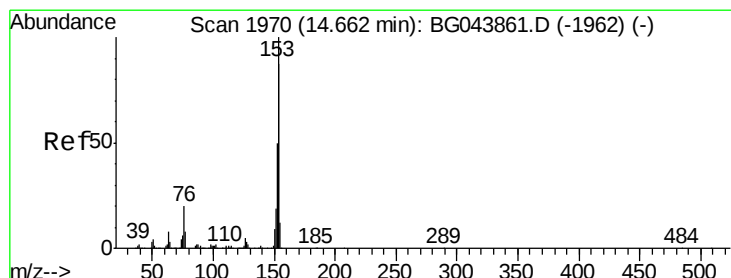
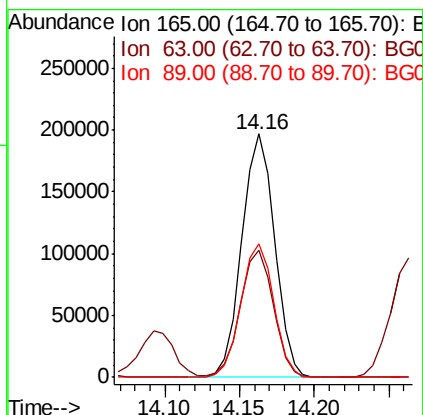
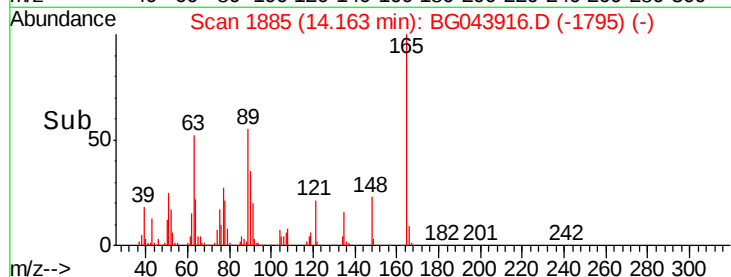
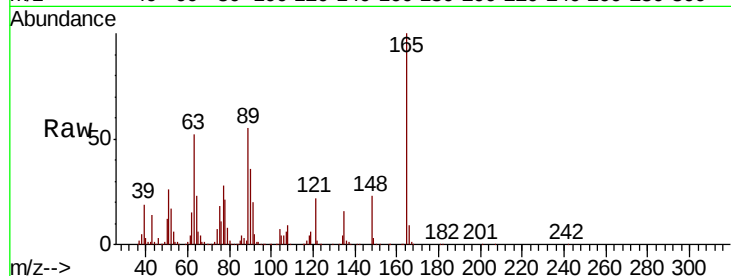
#51
2,6-Dinitrotoluene
Concen: 50.783 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	43.1	64.7
89	55.1	43.8	65.6

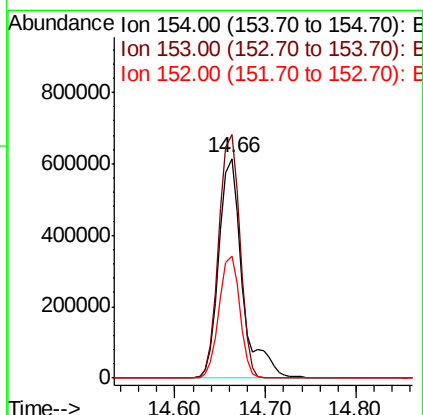
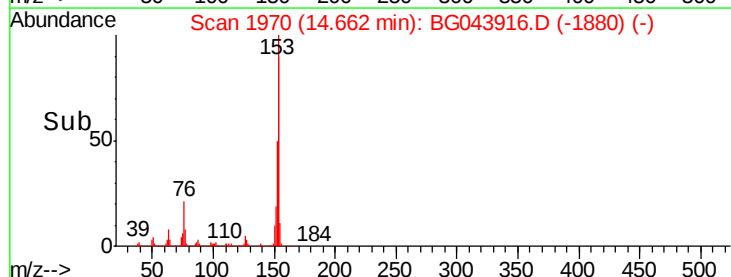
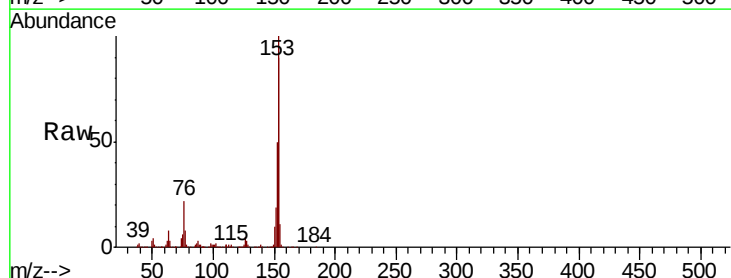
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#52
Acenaphthene
Concen: 51.358 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.6	137.4
152	55.8	45.4	68.0





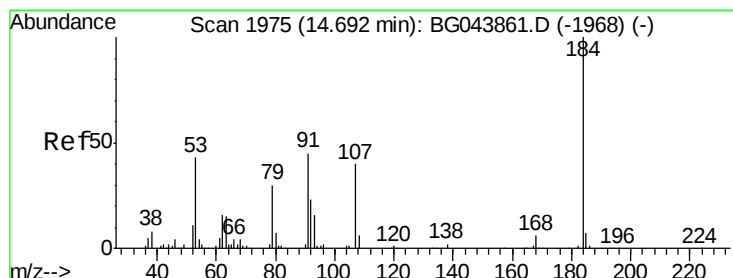
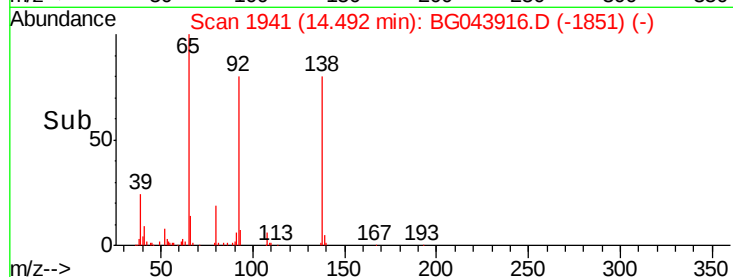
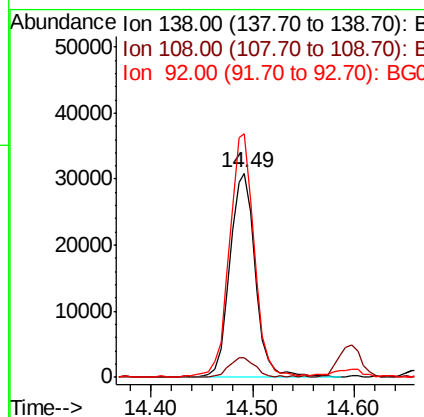
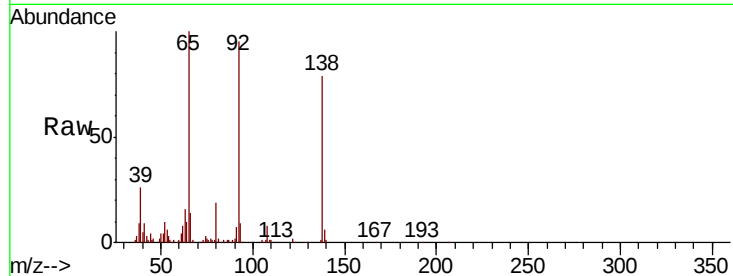
#53
3-Nitroaniline
Concen: 8.002 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	119.3	92.1	138.1

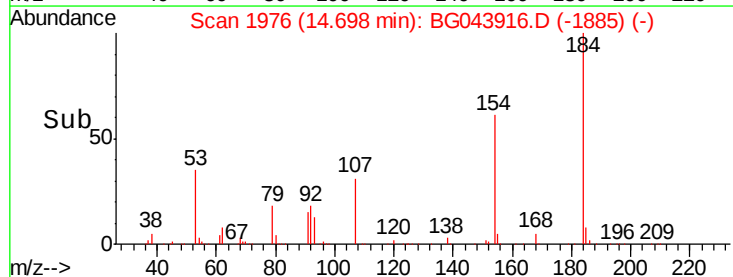
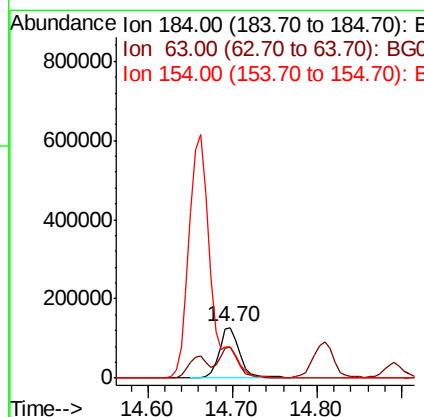
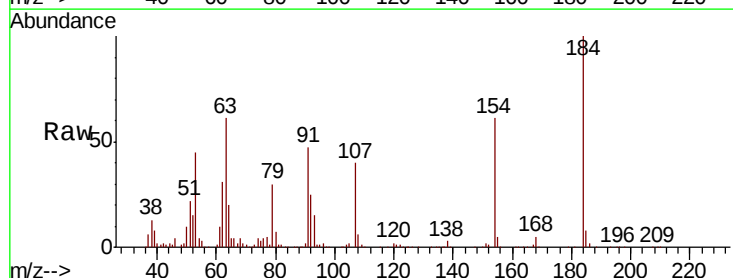
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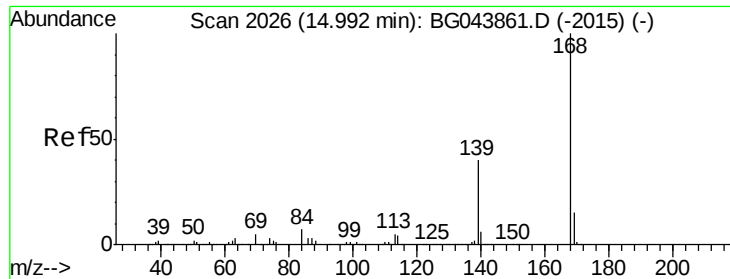
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#54
2,4-Dinitrophenol
Concen: 74.418 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	46.6	70.0
154	60.6	50.2	75.4





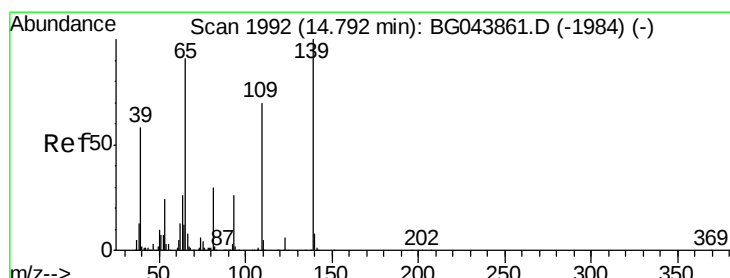
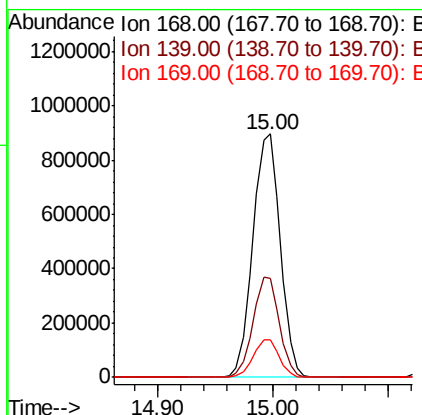
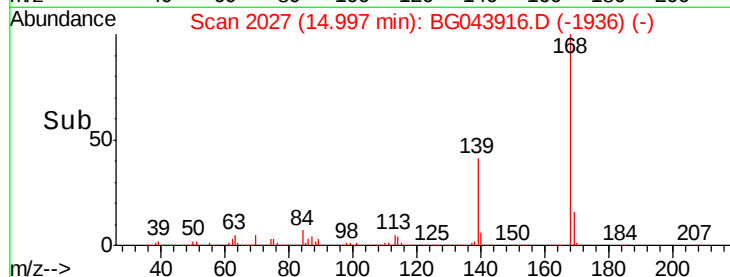
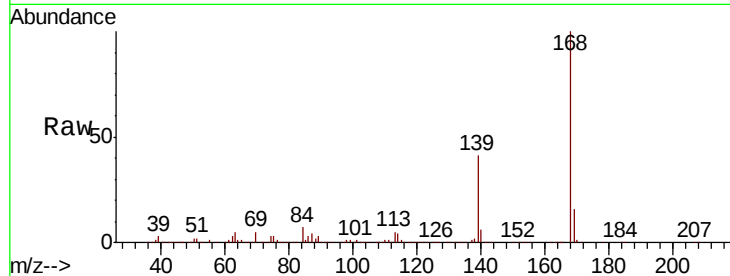
#55
Dibenzofuran
Concen: 50.205 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.2	48.2
169	15.5	12.2	18.2

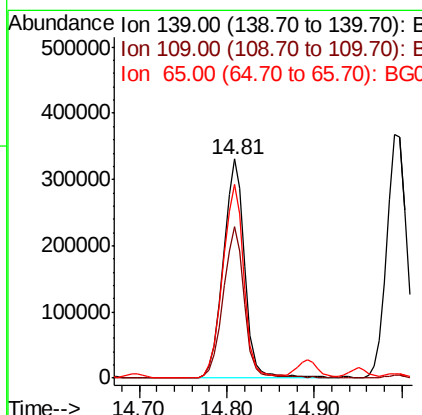
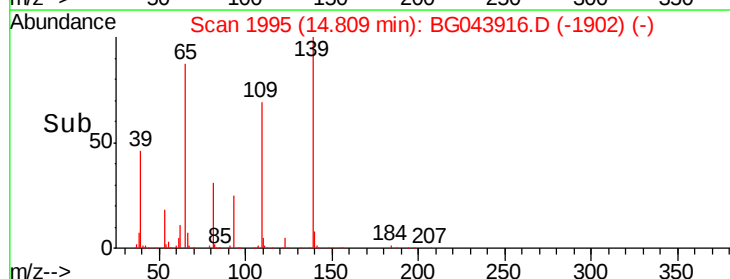
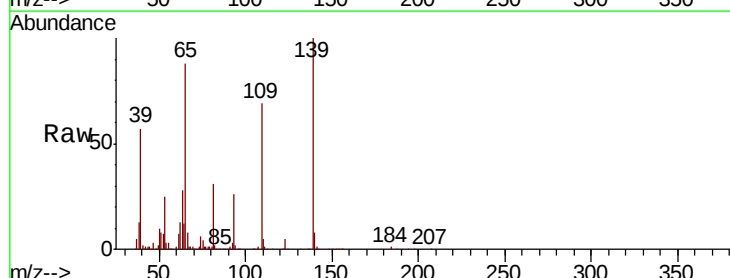
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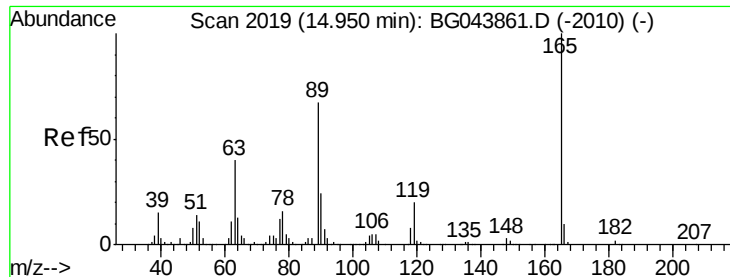
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#56
4-Nitrophenol
Concen: 108.765 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	50.4	90.4
65	88.3	71.4	111.4





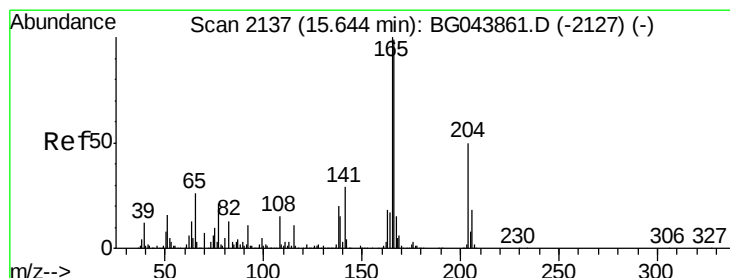
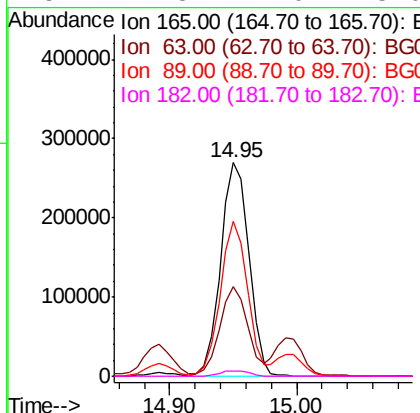
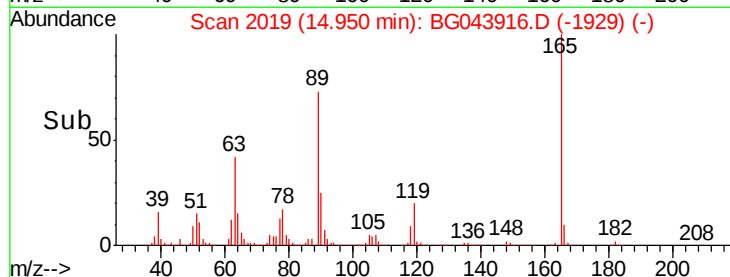
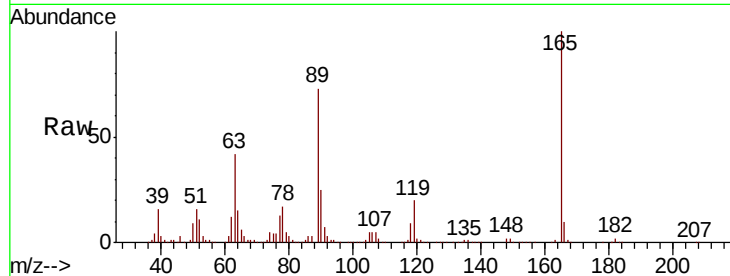
#57
2,4-Dinitrotoluene
Concen: 51.751 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	31.9	47.9
89	72.6	53.8	80.6
182	2.3	2.0	3.0

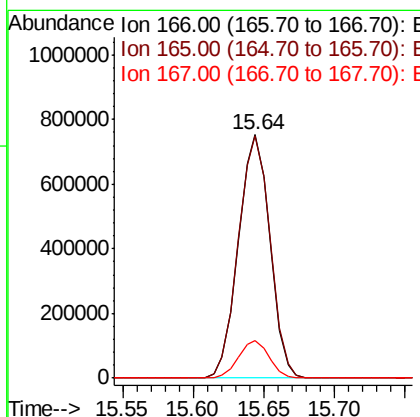
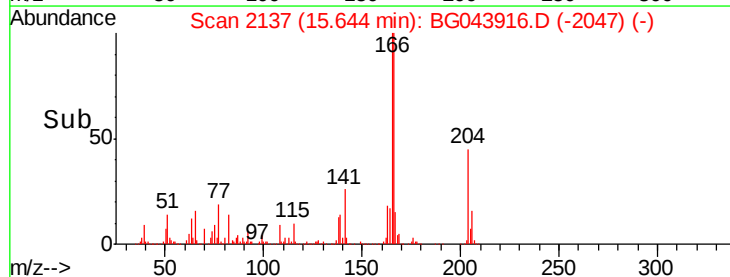
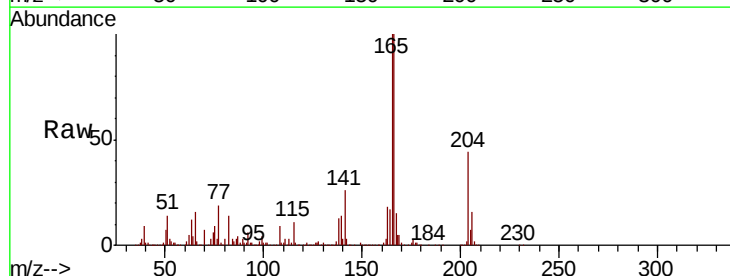
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#58
Fluorene
Concen: 50.168 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	15.5	12.1	18.1





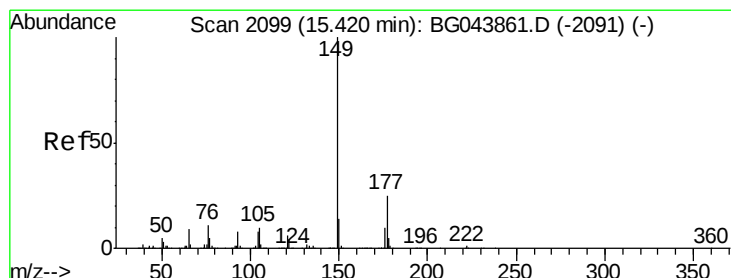
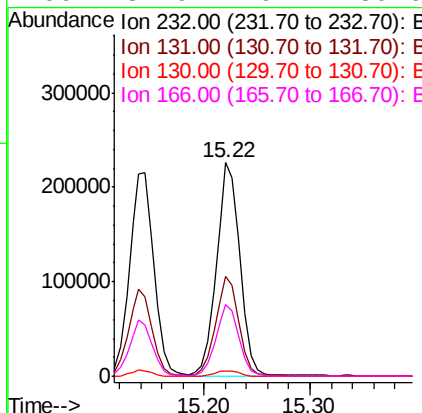
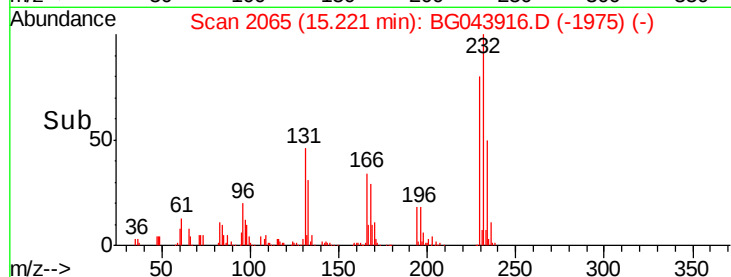
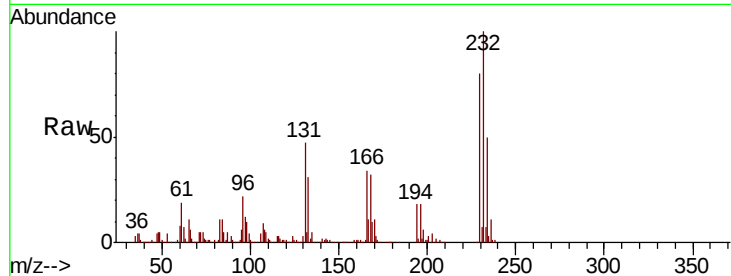
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.955 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		348122		
131	46.4	38.2	57.2		
130	2.8	2.2	3.2		
166	32.9	26.4	39.6		

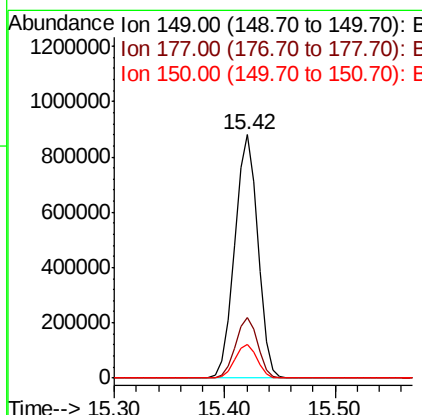
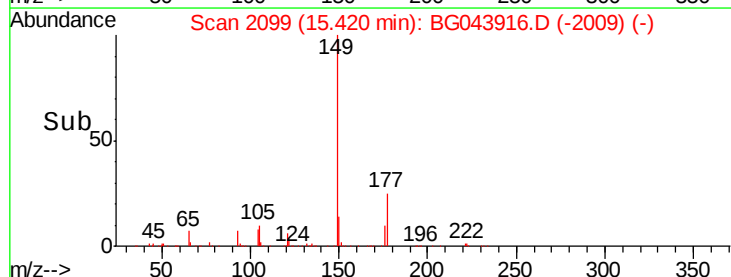
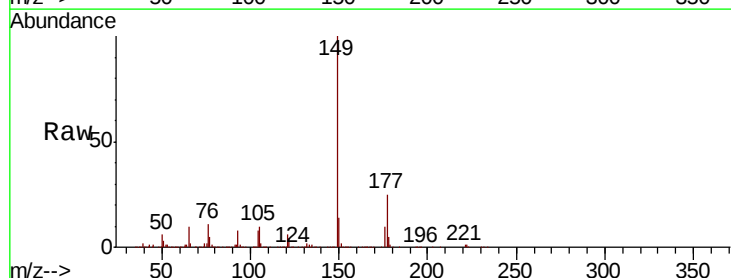
Manual Integrations
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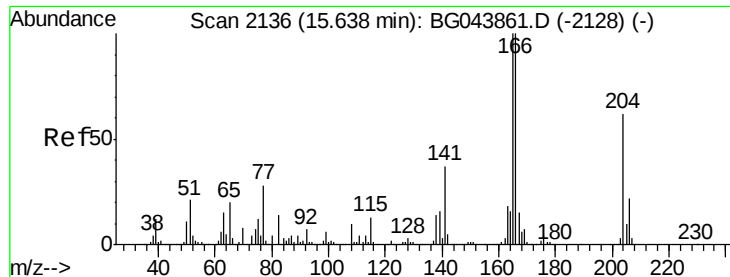
mohammad
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#60
 Diethylphthalate
 Concen: 49.589 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1294372		
177	24.7	20.0	30.0		
150	14.0	11.1	16.7		





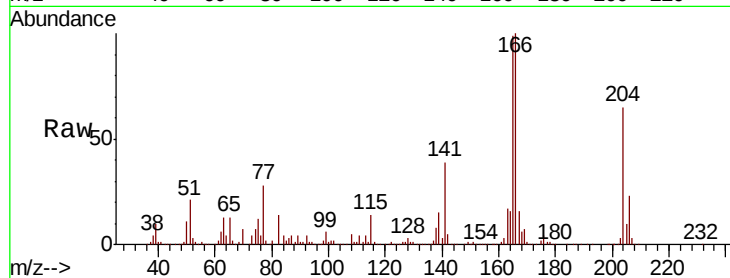
#61
4-Chlorophenyl-phenylether
Concen: 48.680 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	28.2	42.2
141	59.2	48.2	72.2

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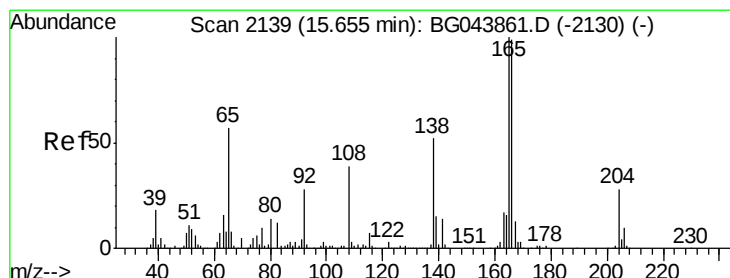
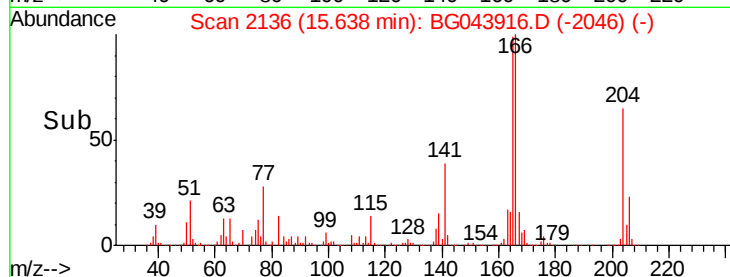
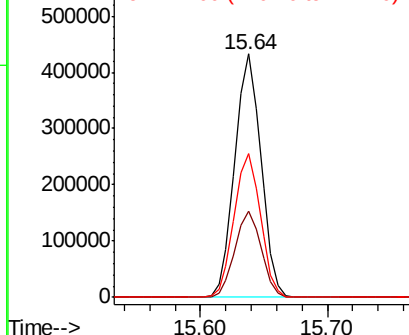


Abundance

Ion 204.00 (203.70 to 204.70): E

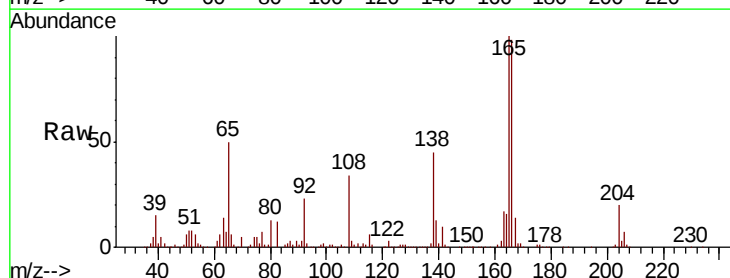
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.171 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	34.3	74.3
108	75.0	55.0	95.0

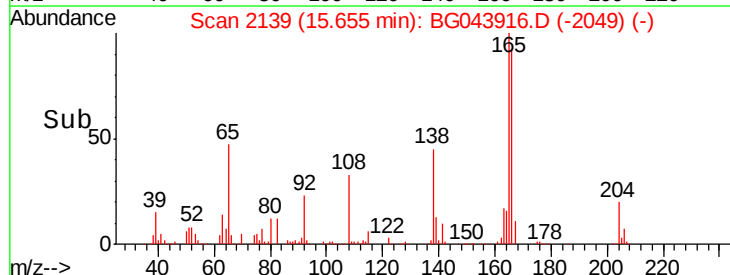
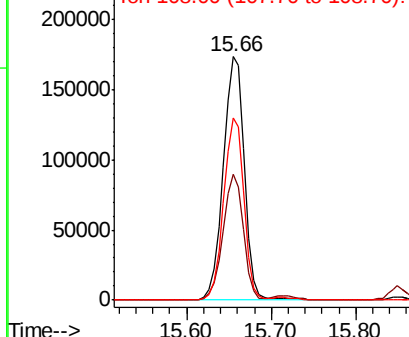


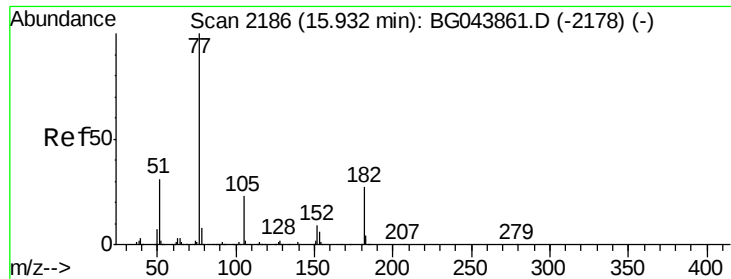
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





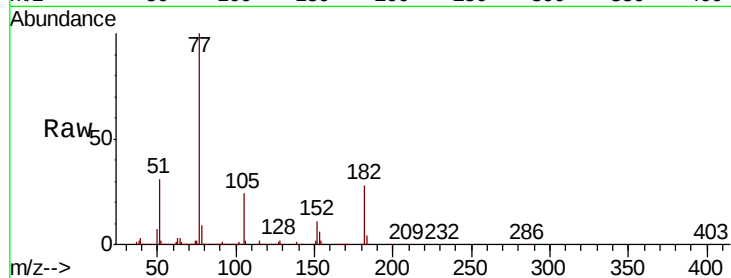
#63
Azobenzene
Concen: 51.017 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	7.3	47.3	
105	24.0	3.2	43.2	
51	30.9	10.6	50.6	

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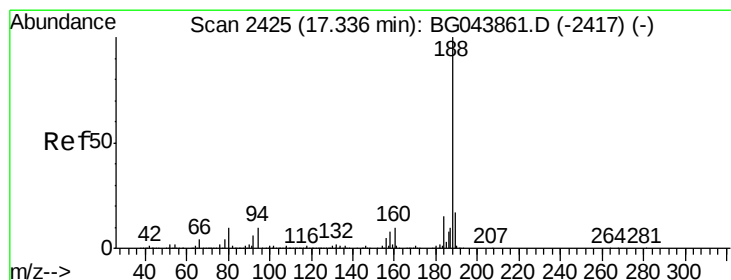
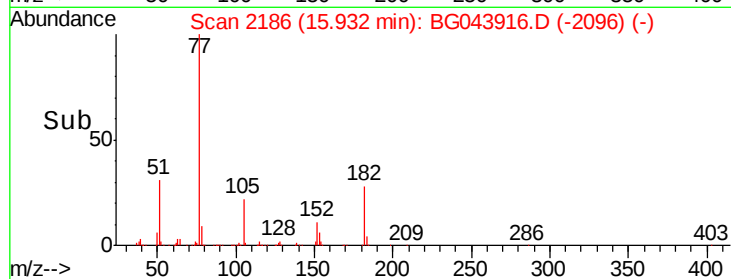
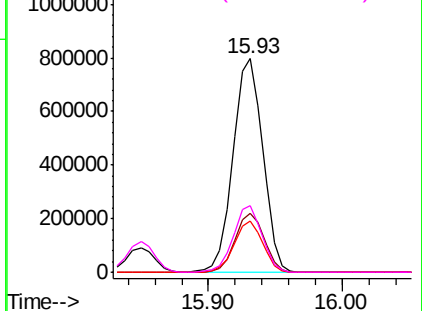
Abundance

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: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

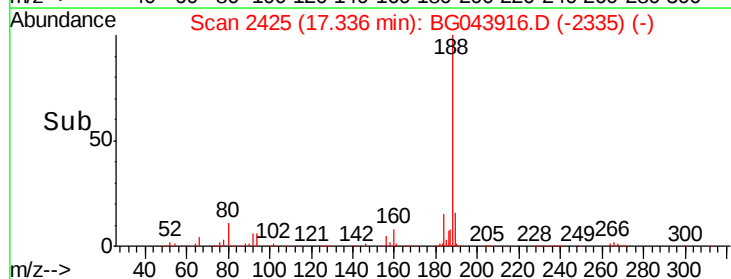
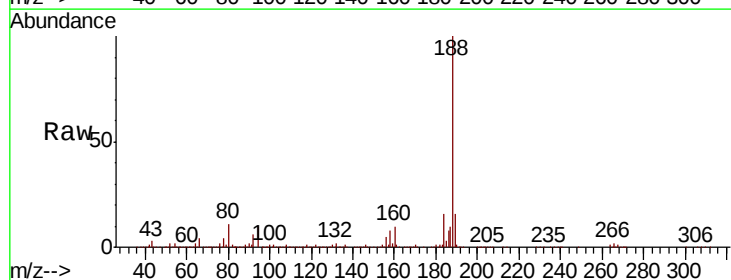
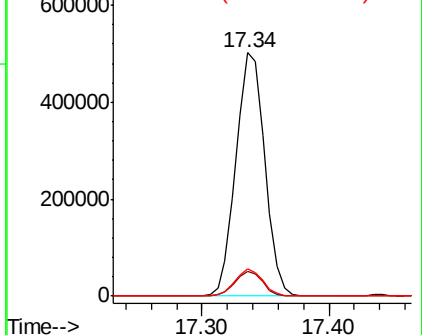
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	7.9	11.9	
80	11.0	8.2	12.4	

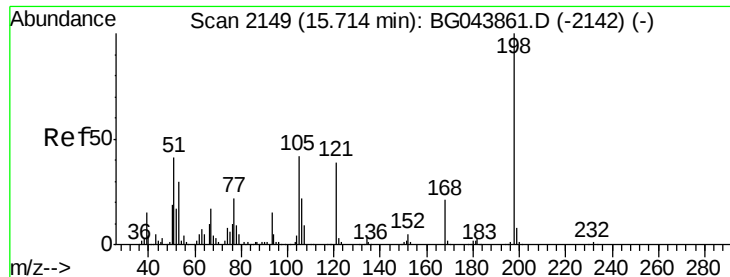
Abundance

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





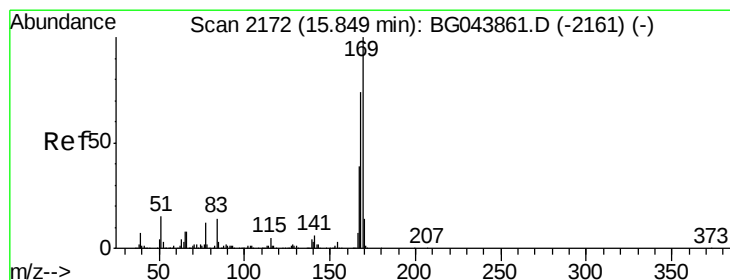
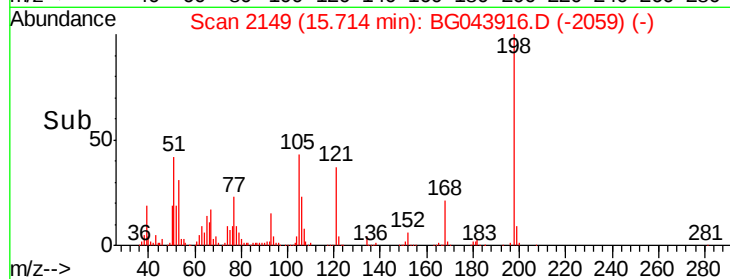
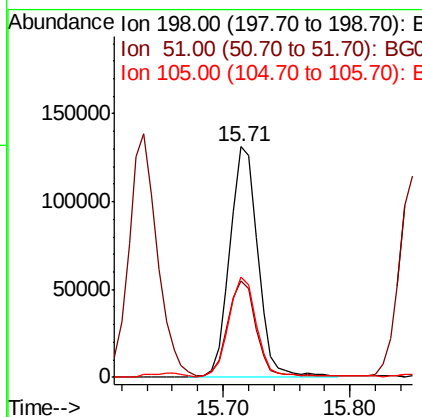
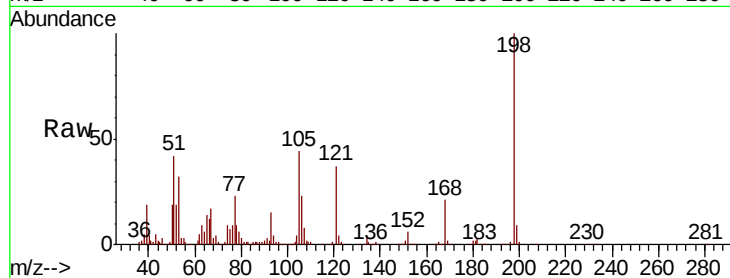
#65
4,6-Dinitro-2-methylphenol
Concen: 49.279 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.0	22.5	62.5
105	43.6	22.3	62.3

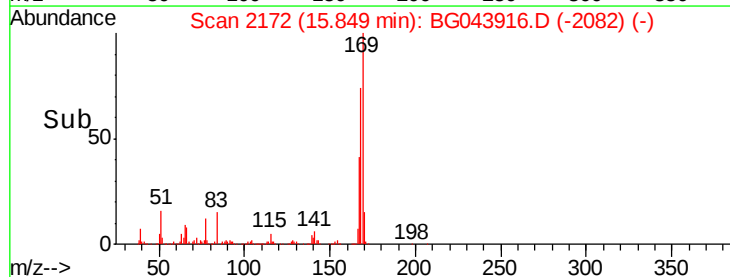
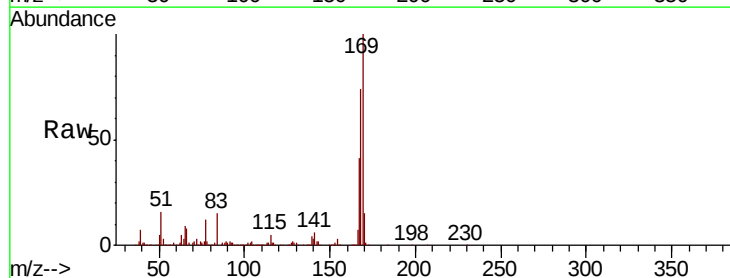
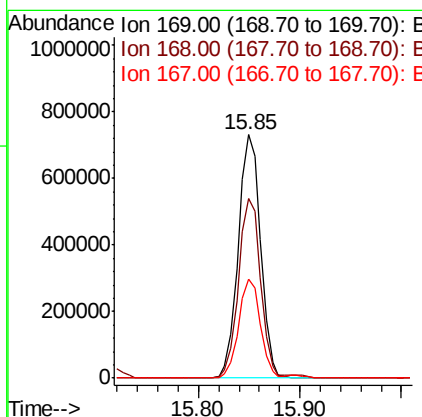
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#66
n-Nitrosodiphenylamine
Concen: 47.825 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.9	59.0	88.6
167	40.8	31.4	47.0





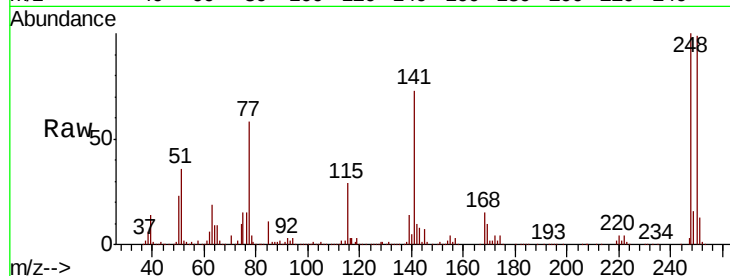
#67
4-Bromophenyl-phenylether
Concen: 45.469 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.2	117.2
141	73.4	59.3	88.9

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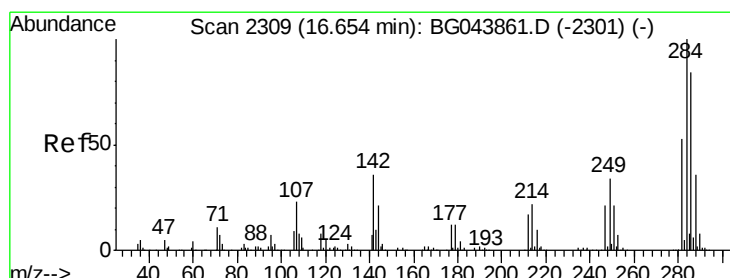
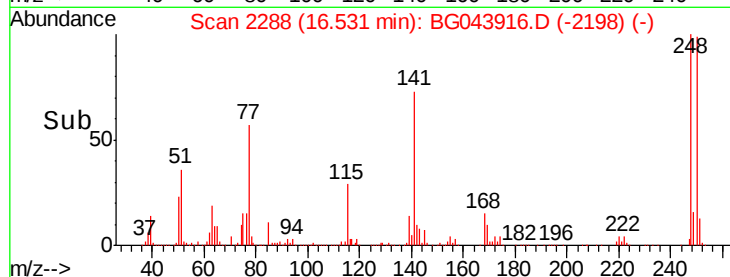
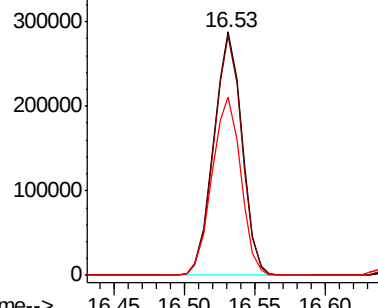


Abundance

Ion 248.00 (247.70 to 248.70): E

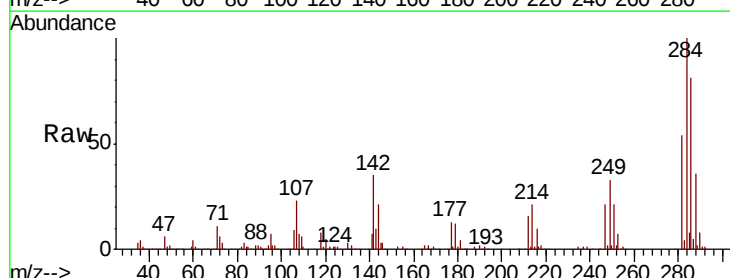
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.092 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.6	43.0
249	32.6	27.0	40.6

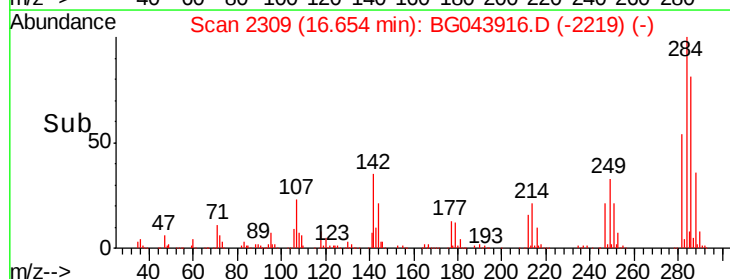
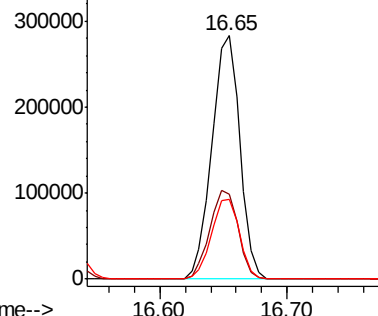


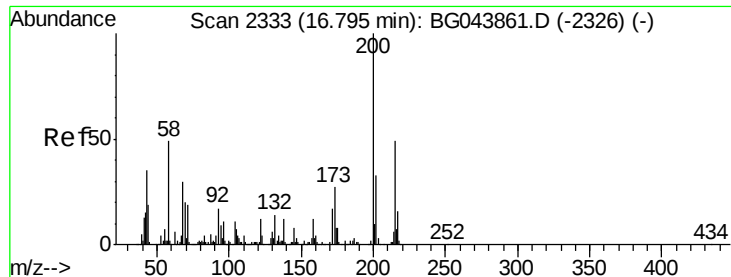
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





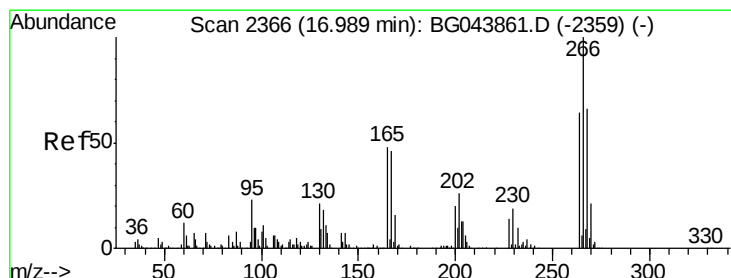
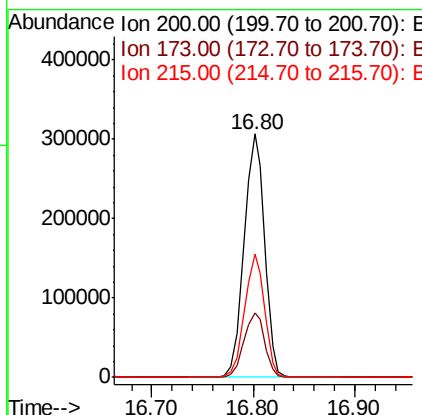
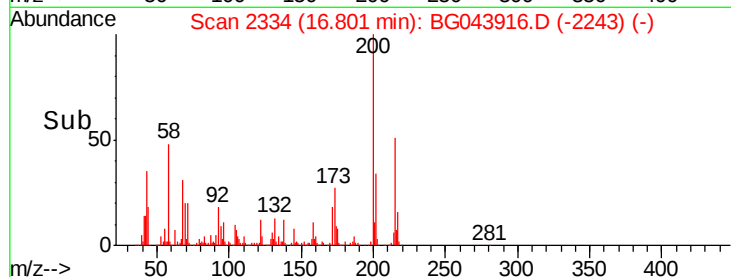
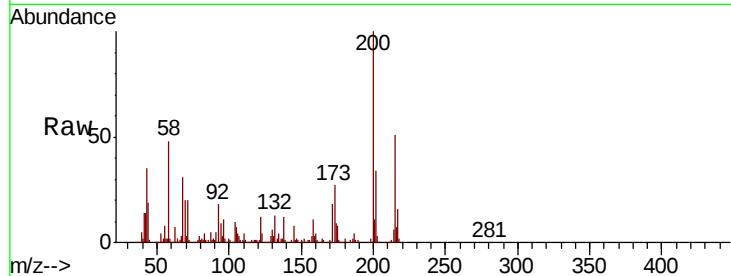
#69
Atrazine
Concen: 56.695 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	429443		
173	26.7	6.6	46.6	
215	50.6	28.6	68.6	

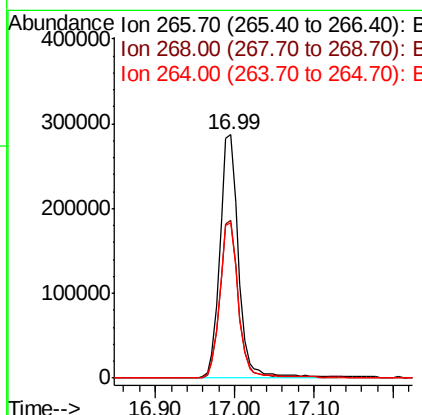
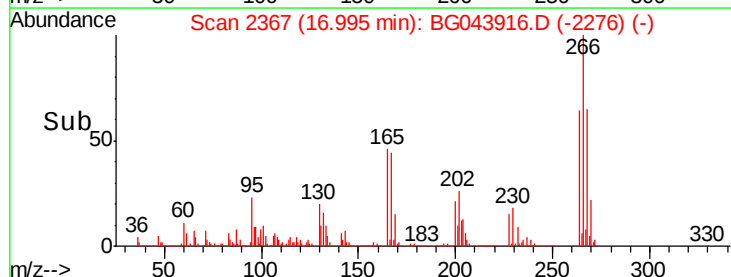
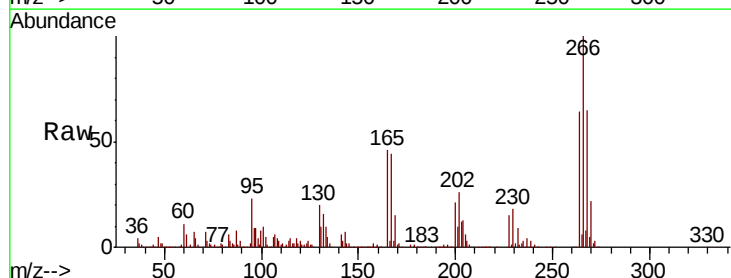
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#70
Pentachlorophenol
Concen: 88.775 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	469287		
268	65.1	52.6	79.0	
264	63.9	50.8	76.2	





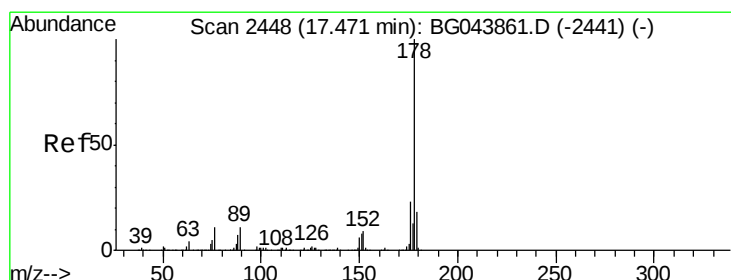
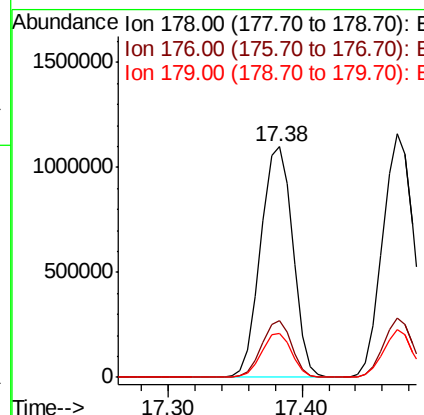
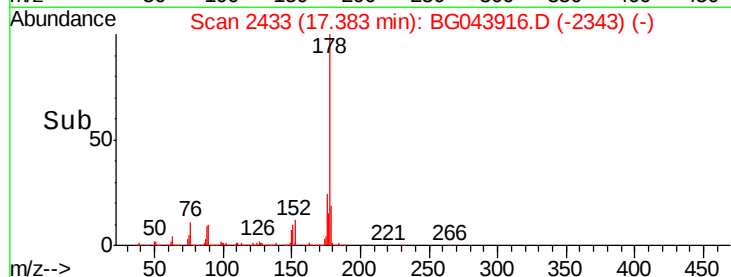
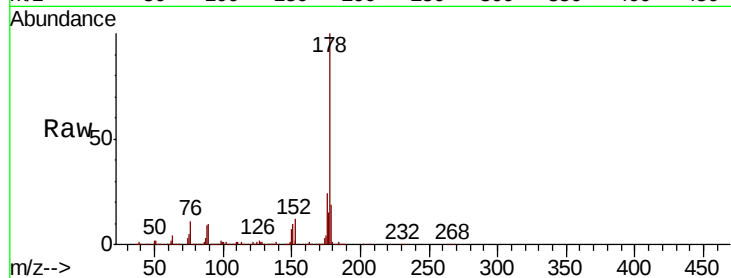
#71
Phenanthrene
Concen: 48.168 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.4	18.6	28.0
179	19.2	14.4	21.6

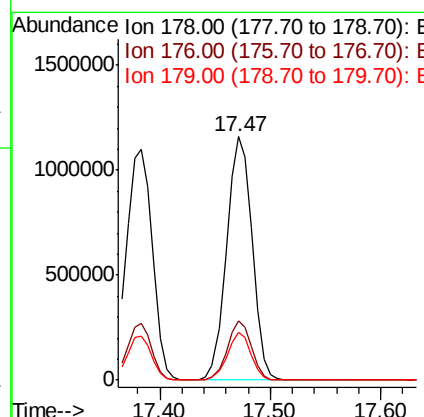
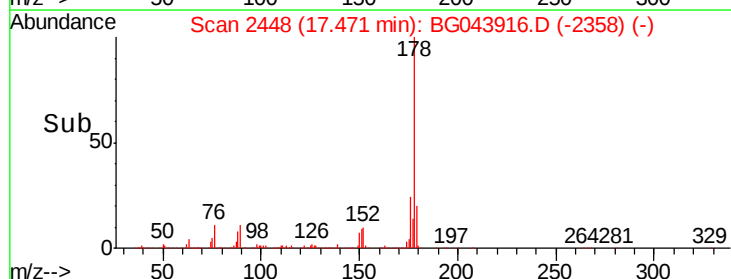
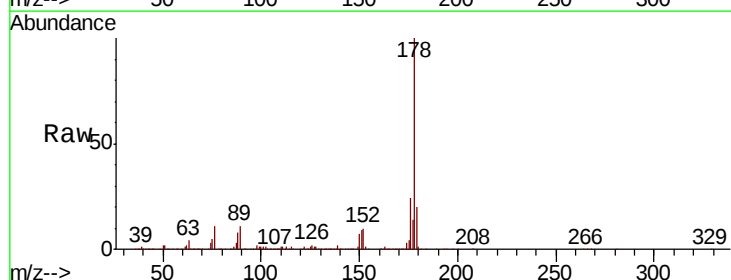
Manual Integrations
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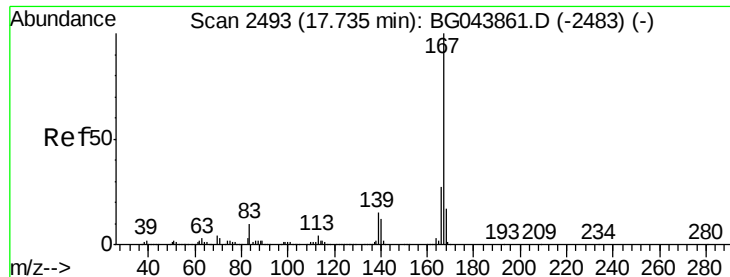
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#72
Anthracene
Concen: 49.864 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.2	18.3	27.5
179	19.7	14.6	22.0





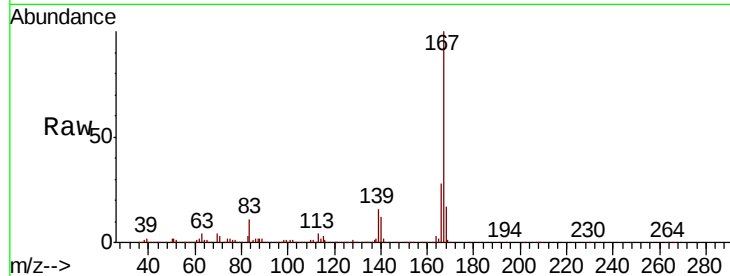
#73
 Carbazole
 Concen: 49.898 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.6	21.6	32.4
139	15.7	12.1	18.1

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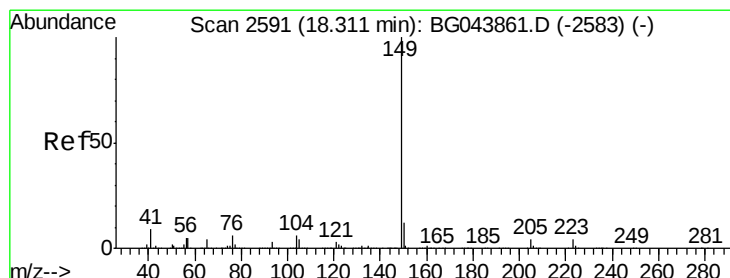
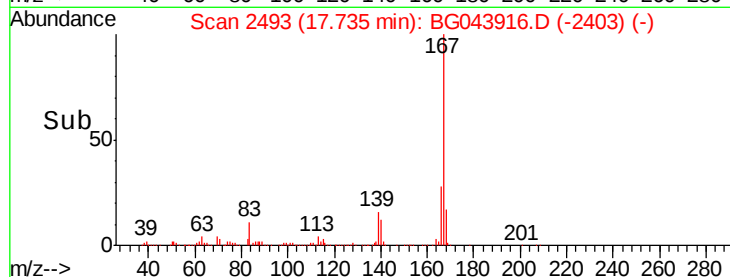
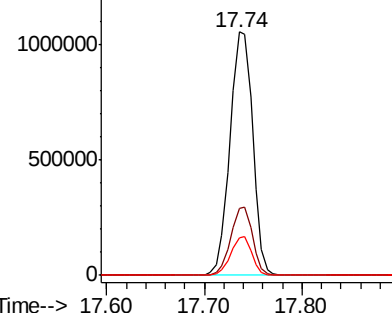


Abundance

Ion 167.00 (166.70 to 167.70): E

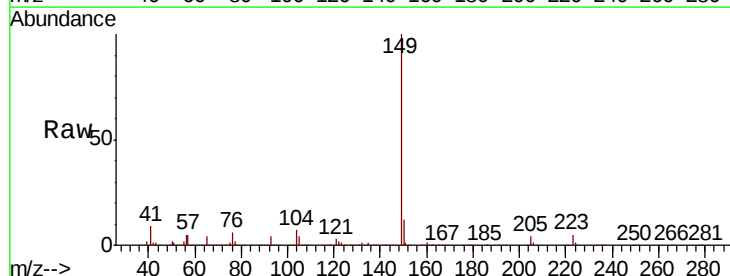
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.133 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.3	9.7	14.5
104	6.6	5.0	7.4

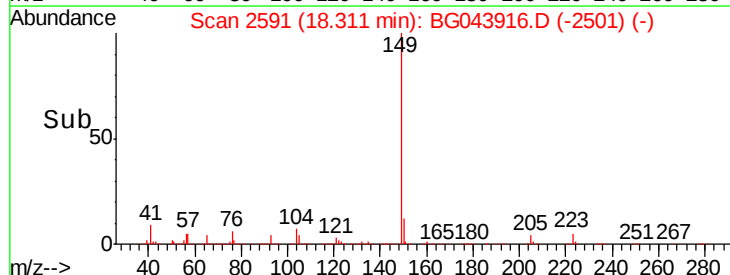
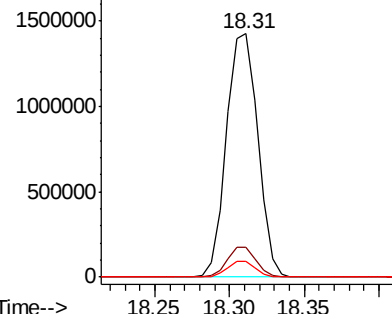


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.698 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

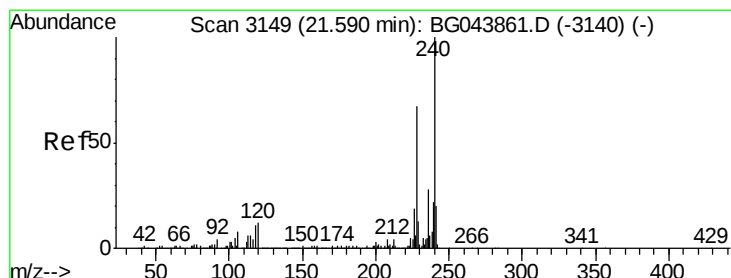
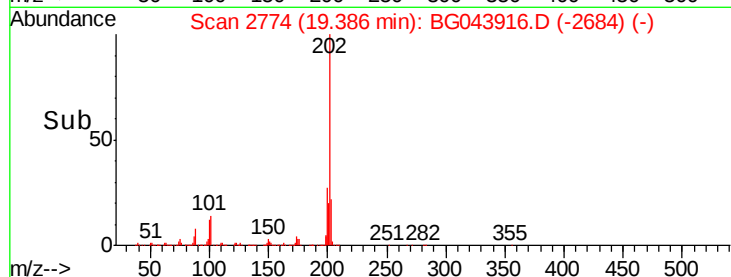
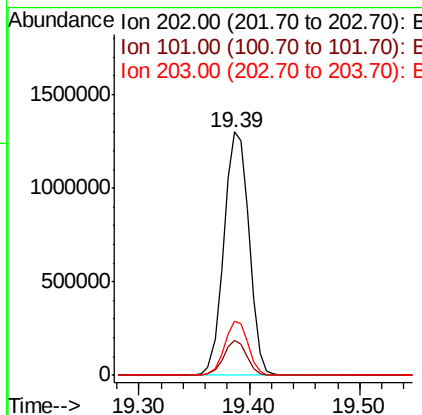
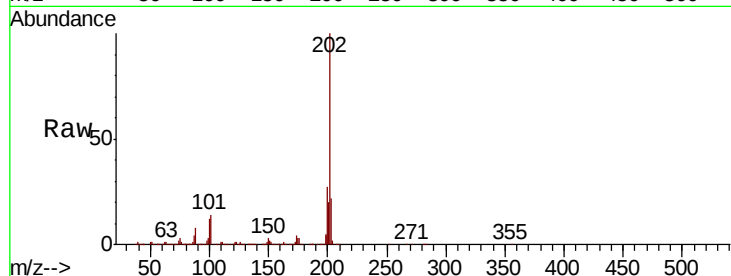
ClientSampleId :

OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.3
203	22.4	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

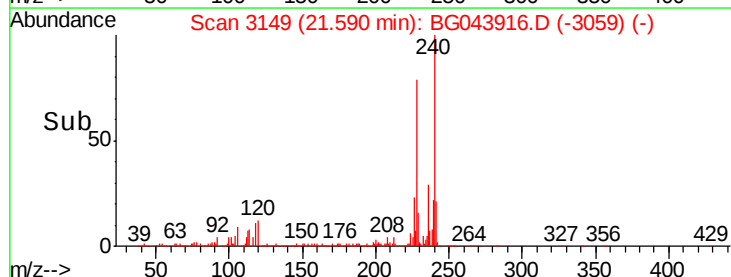
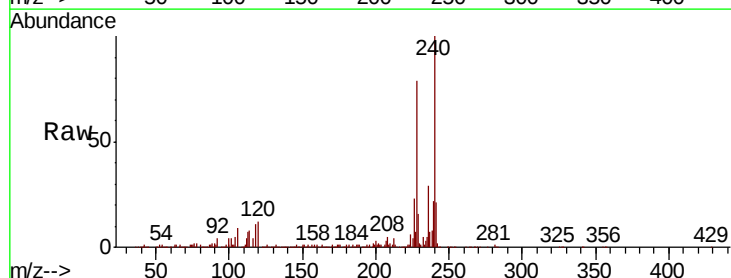
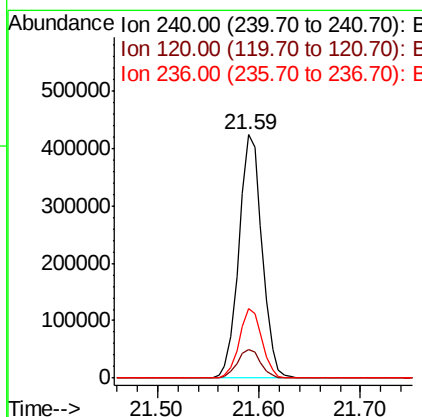
RT: 21.59 min Scan# 3149

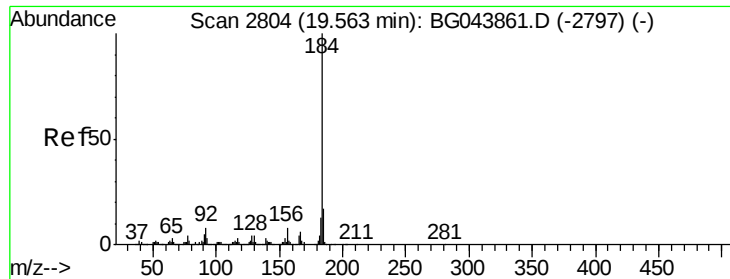
Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	28.7	22.2	33.2





#77

Benzidine

Concen: 10.769 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

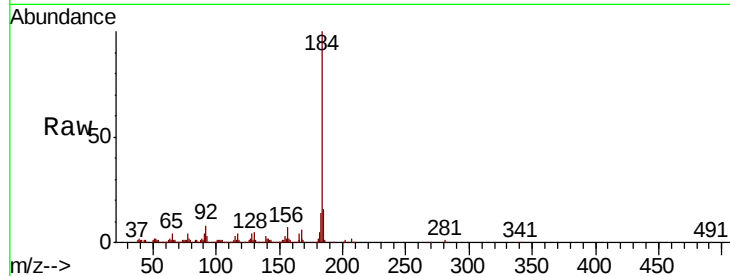
ClientSampleId :

OR-02-123119MSD

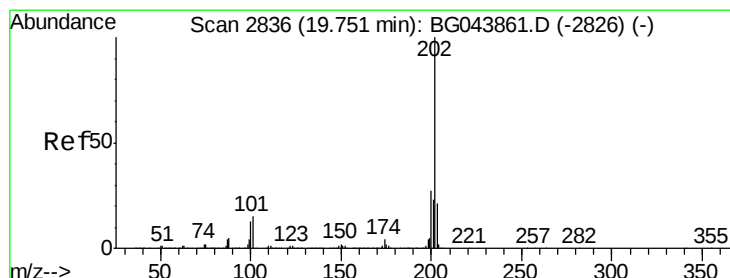
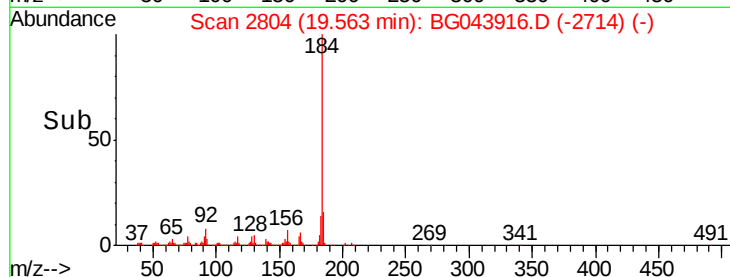
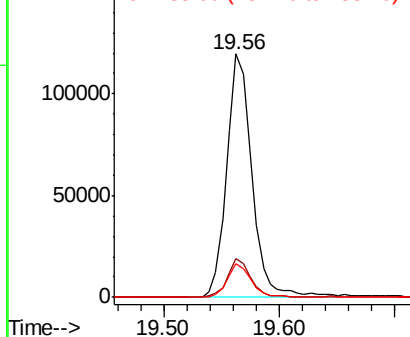
Tot Ion:	184	Resp:	181561
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.4	20.0
183	13.7	10.6	15.8

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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: 47.639 ng

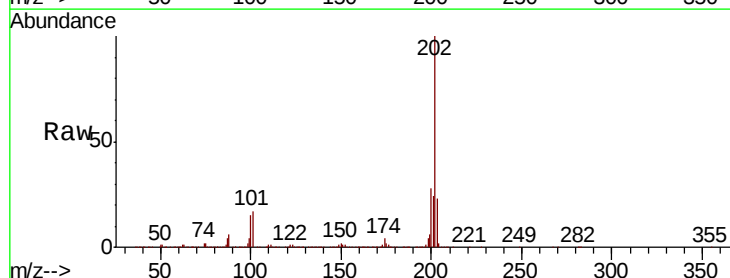
RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

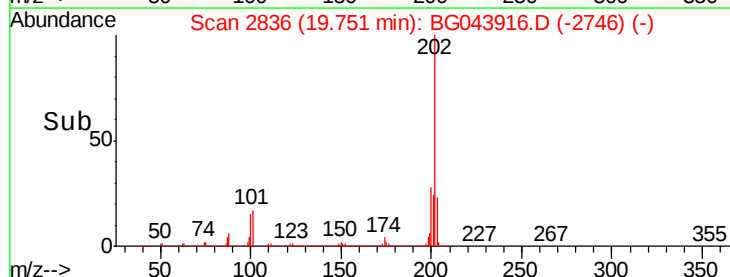
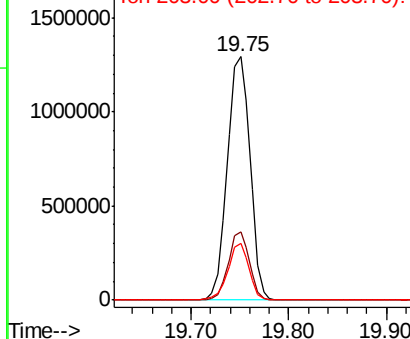
Lab File: BG043916.D

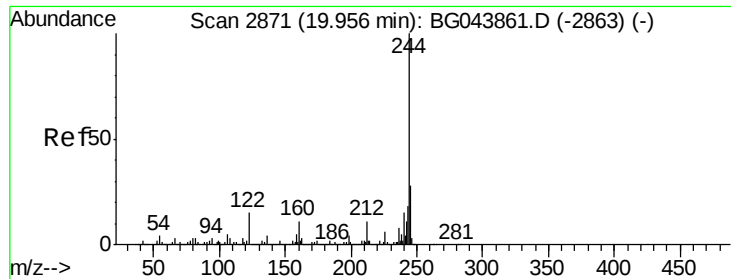
Acq: 4 Jan 2020 10:56

Tgt Ion:	202	Resp:	2085723
Ion Ratio	Lower	Upper	
202	100		
200	28.1	21.7	32.5
203	23.2	17.0	25.6



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





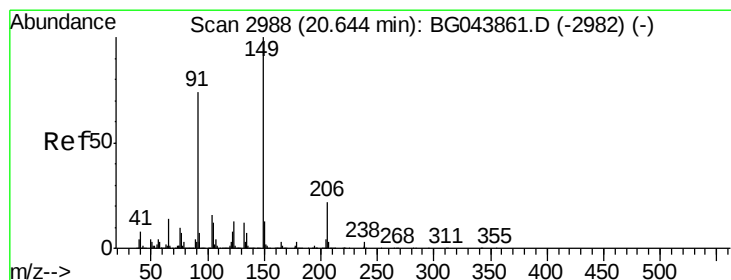
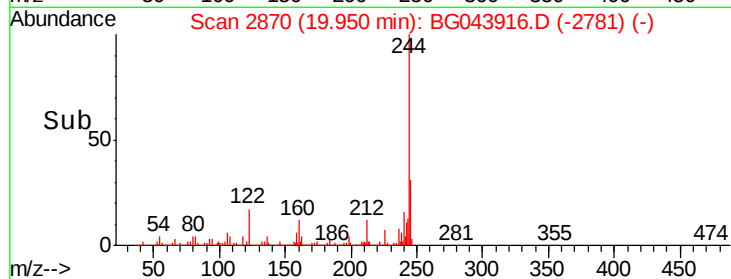
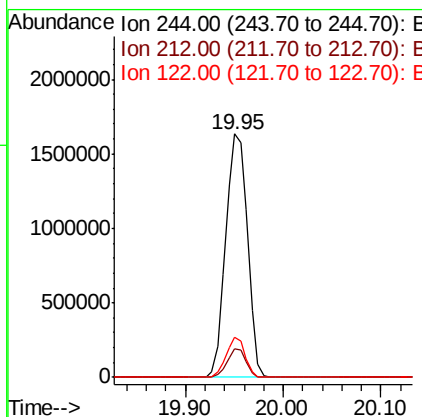
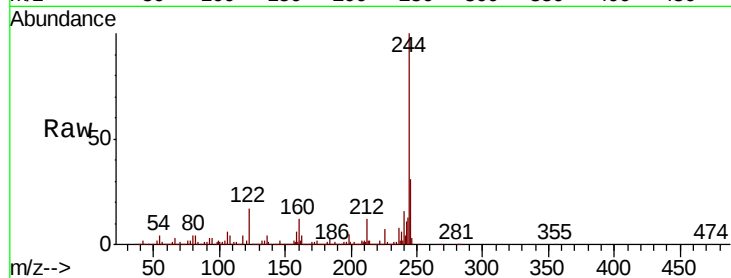
#79
 Terphenyl-d14
 Concen: 92.812 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MSD

Tot Ion:244 Resp: 2521188
 Ion Ratio Lower Upper
 244 100
 212 12.0 8.6 13.0
 122 16.6 11.9 17.9

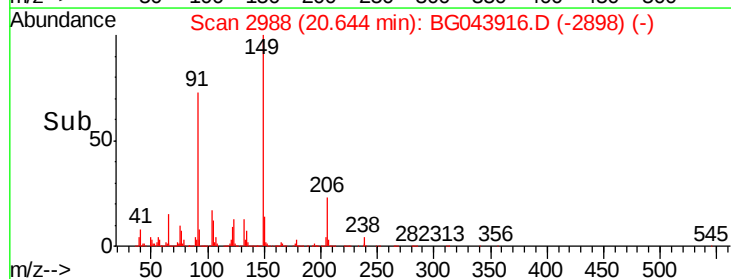
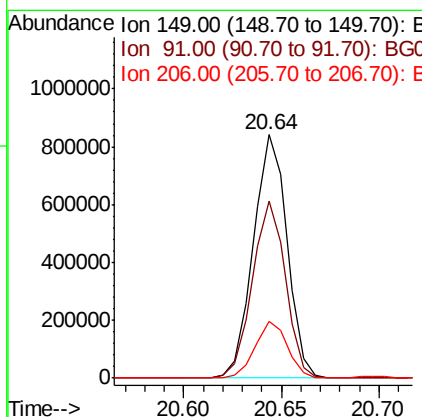
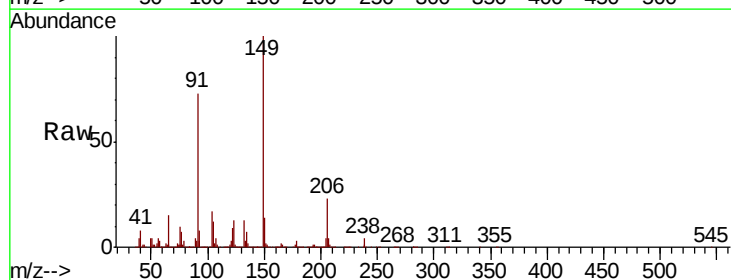
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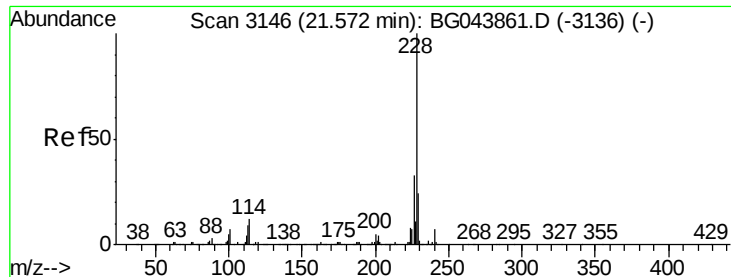
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#80
 Butylbenzylphthalate
 Concen: 48.201 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Tgt Ion:149 Resp: 1004717
 Ion Ratio Lower Upper
 149 100
 91 72.8 59.5 89.3
 206 23.2 17.8 26.6





#81

Benzo(a)anthracene

Concen: 48.299 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MSD

Tot Ion:228 Resp: 2008798

Ion Ratio Lower Upper

228 100

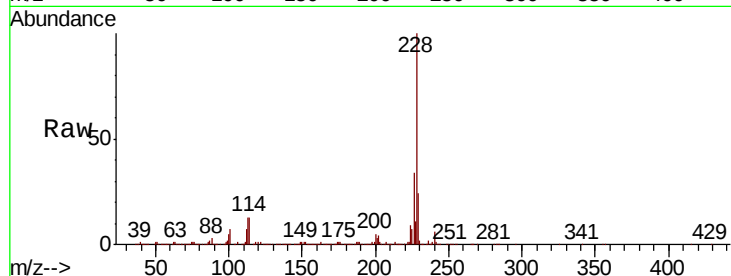
226 34.4 26.2 39.4

229 24.3 18.9 28.3

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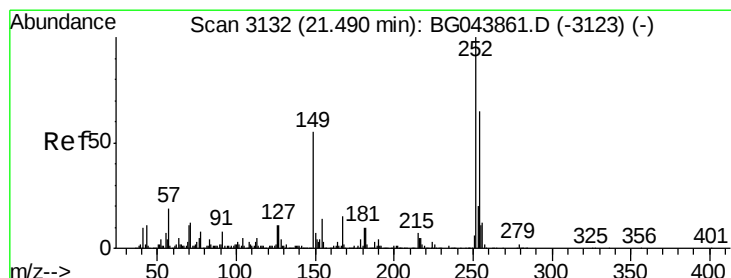
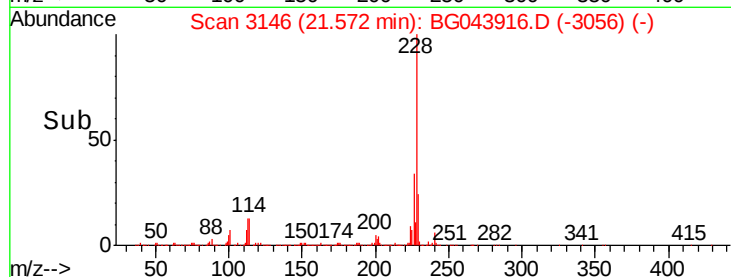
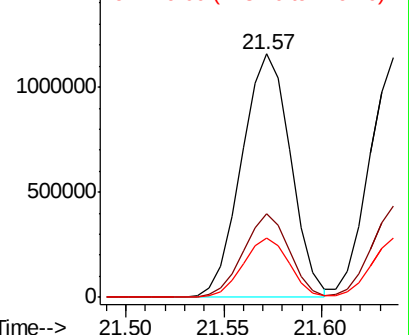


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.665 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

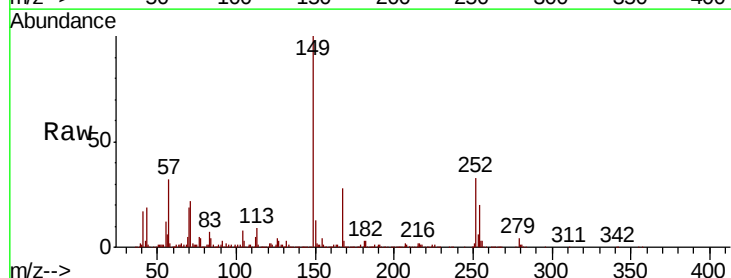
Tgt Ion:252 Resp: 257391

Ion Ratio Lower Upper

252 100

254 62.1 52.1 78.1

126 11.0 9.1 13.7

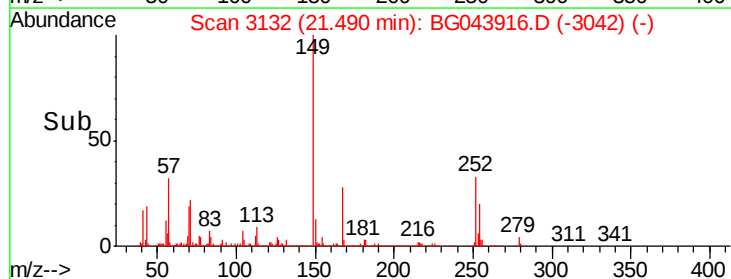
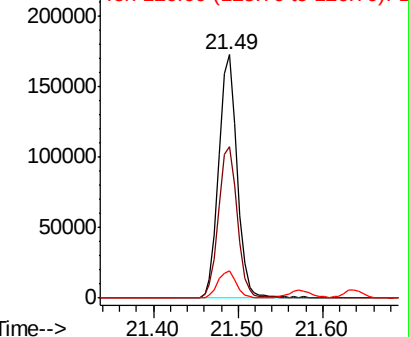


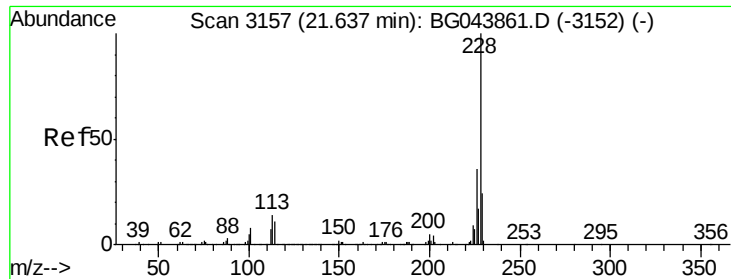
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





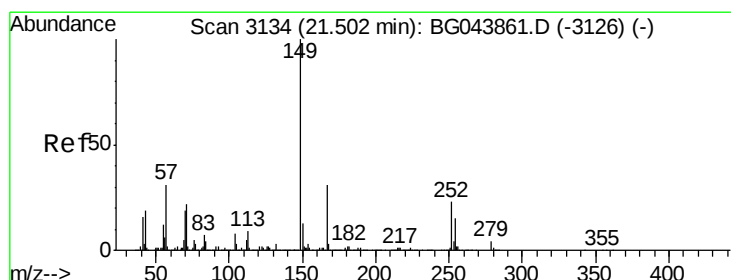
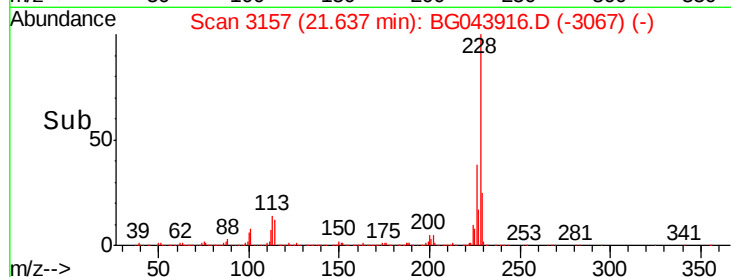
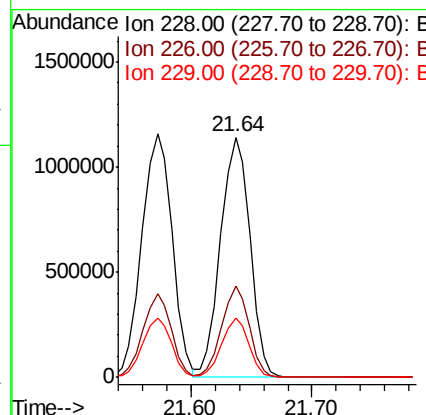
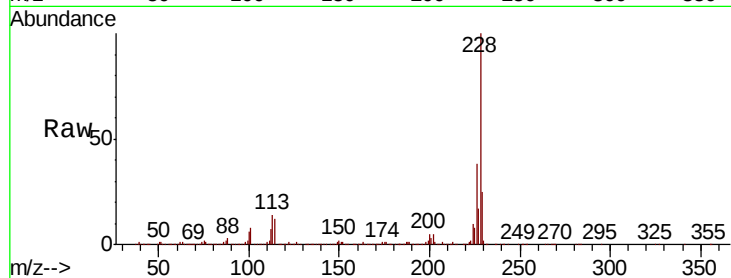
#83
 Chrvsene
 Concen: 48.623 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.1	28.8	43.2
229	24.7	19.0	28.6

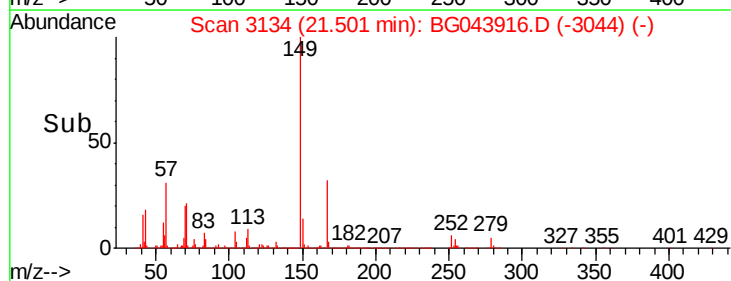
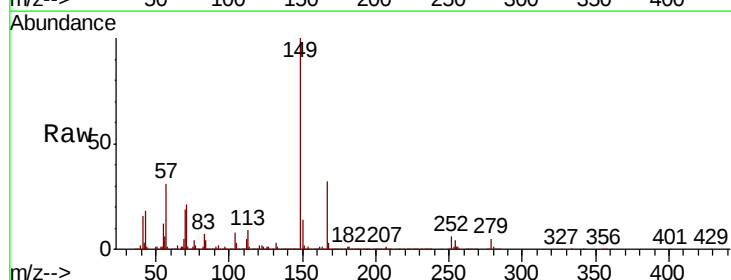
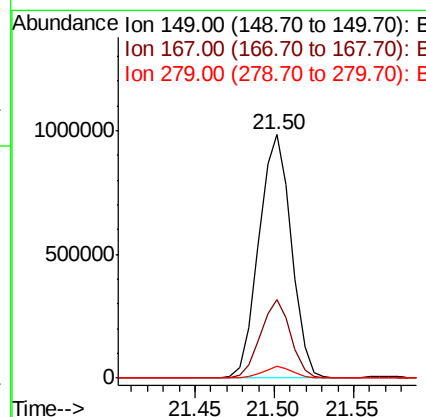
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.695 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043916.D
 Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	24.7	37.1
279	4.7	3.3	4.9





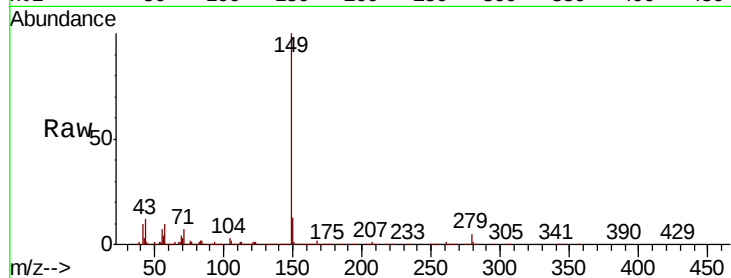
#85
Di-n-octyl phthalate
Concen: 49.466 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.1	8.8	13.2

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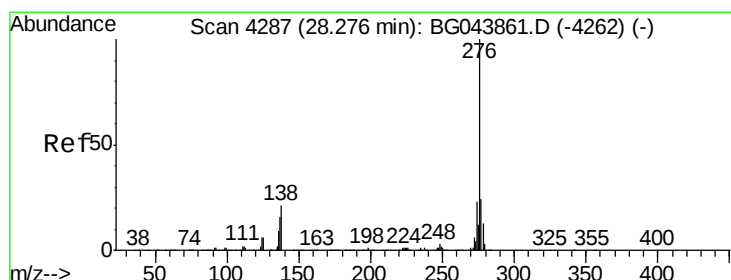
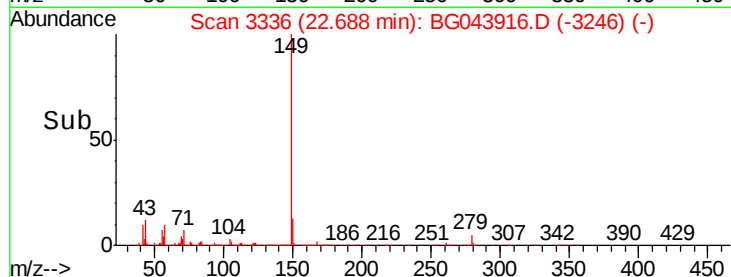
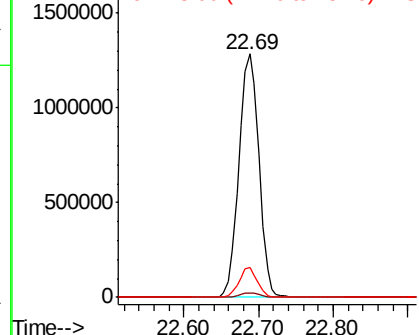


Abundance

Ion 149.00 (148.70 to 149.70): E

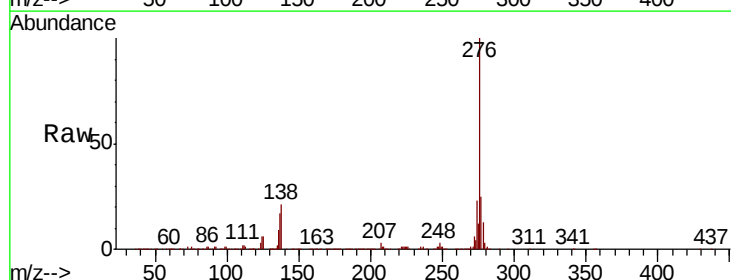
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.647 ng
RT: 28.28 min Scan# 4287
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	21.0	31.4#
277	26.3	21.1	31.7

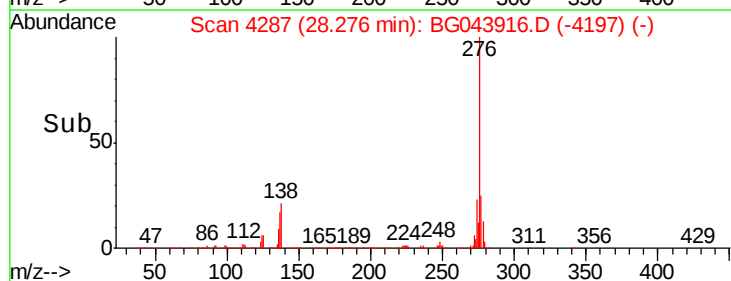
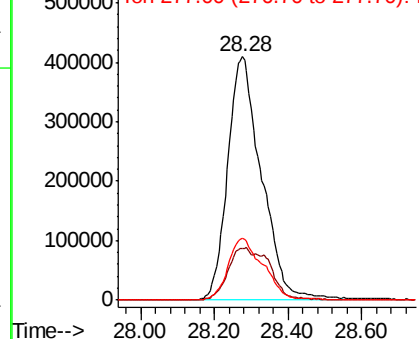


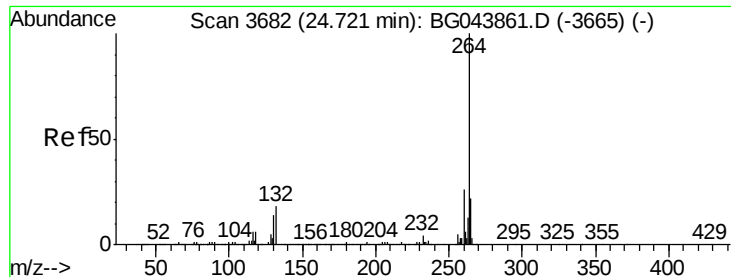
Abundance

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: 24.72 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

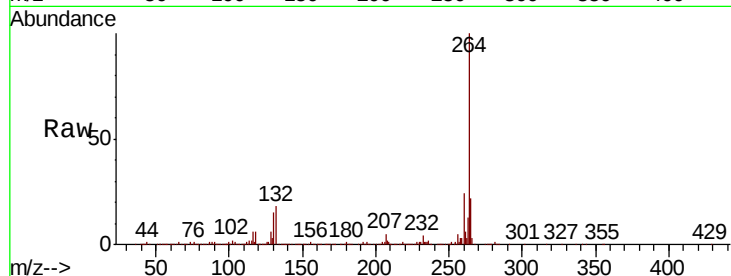
ClientSampleId :

OR-02-123119MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.3	17.4	26.2

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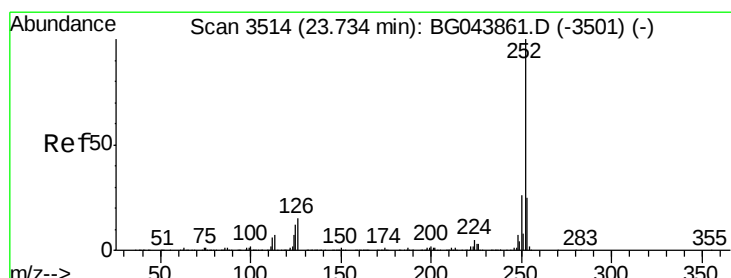
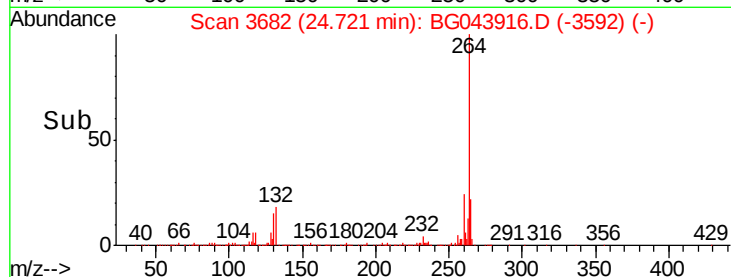
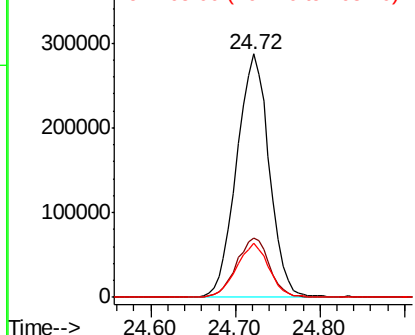


Abundance

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: 48.416 ng

RT: 23.73 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

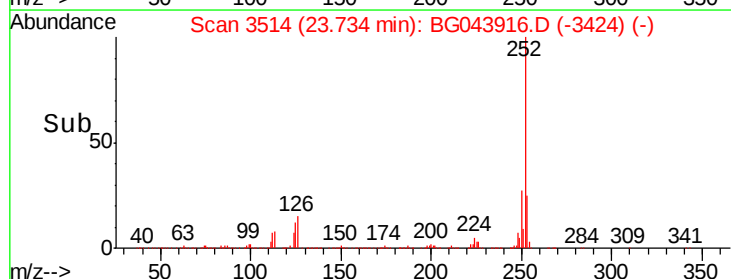
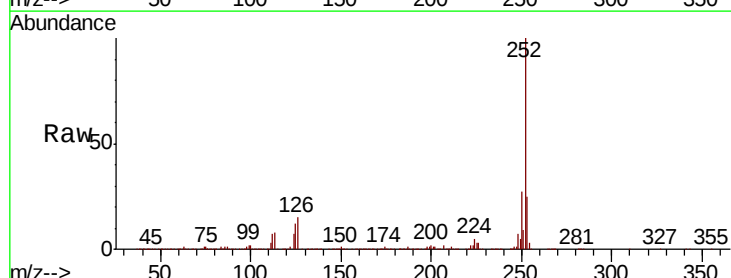
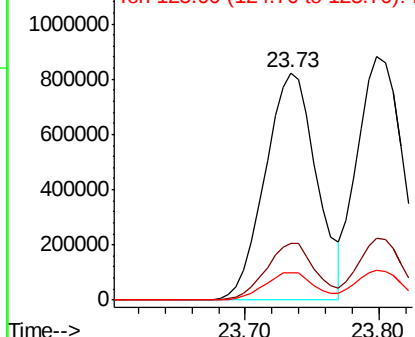
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.7	29.5
125	12.2	9.4	14.2

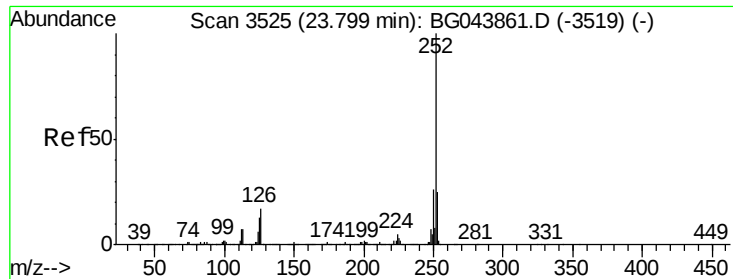
Abundance

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





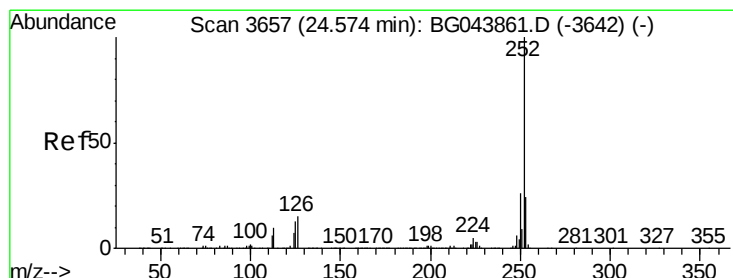
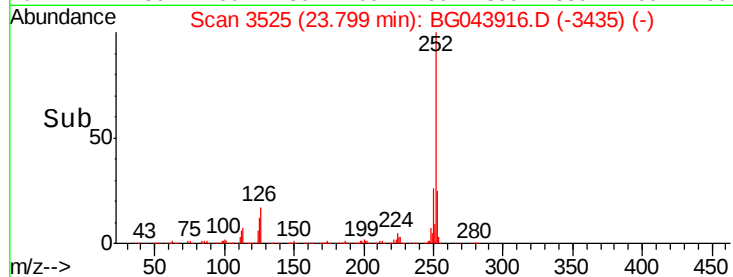
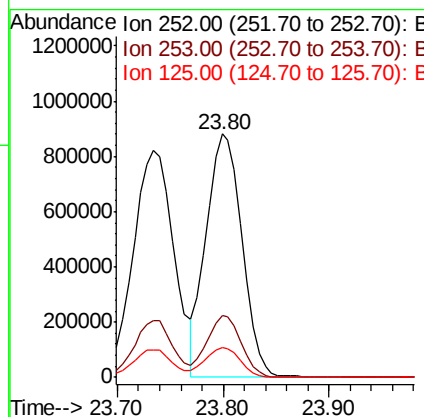
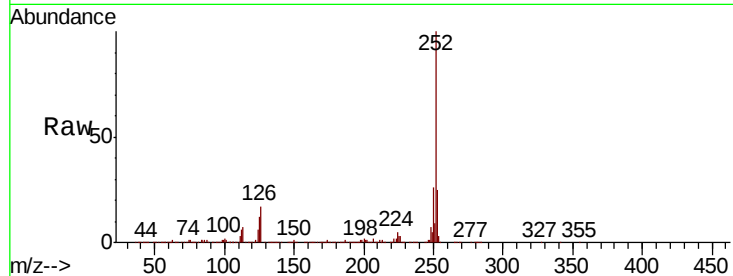
#89
Benzo(k)fluoranthene
Concen: 48.018 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	25.2	19.4	29.2	
125	12.4	9.9	14.9	

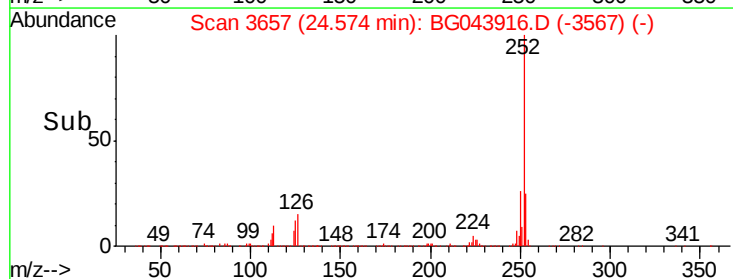
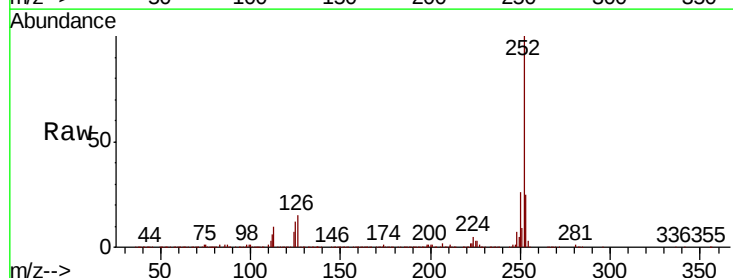
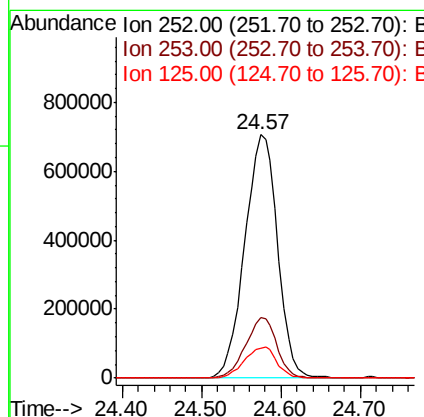
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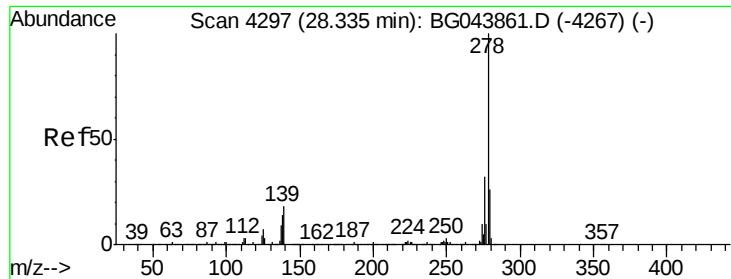
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#90
Benzo(a)pyrene
Concen: 47.146 ng
RT: 24.57 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BG043916.D
Acq: 4 Jan 2020 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	24.7	19.3	28.9	
125	12.5	10.4	15.6	





#91

Dibenzo(a,h)anthracene

Concen: 49.448 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

Instrument :

BNA_G

ClientSampleId :

OR-02-123119MSD

Tot Ion:278 Resp: 2129994

Ion Ratio Lower Upper

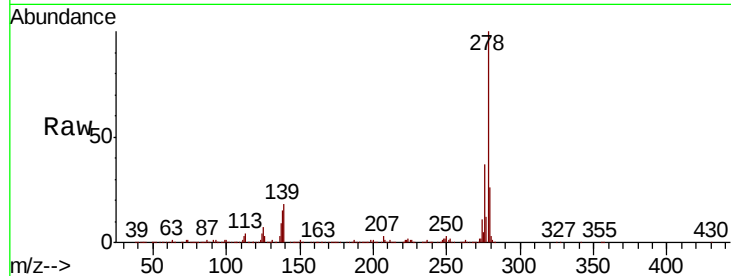
278 100

139 18.4 14.2 21.4

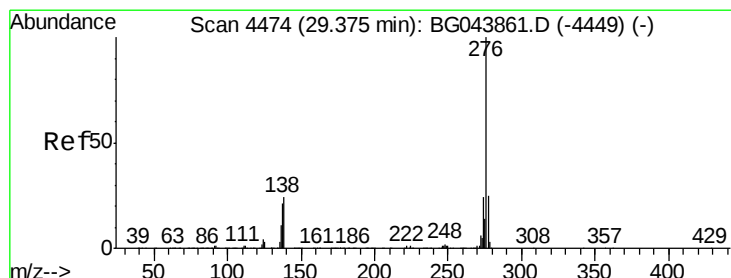
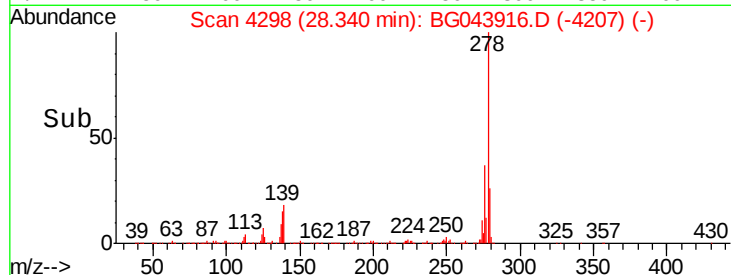
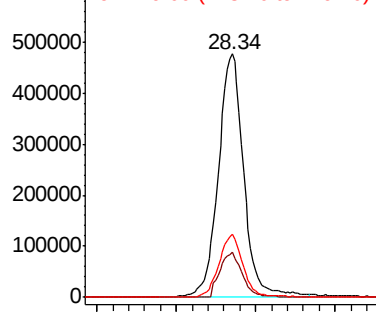
279 25.8 20.6 30.8

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.875 ng

RT: 29.39 min Scan# 4476

Delta R.T. 0.01 min

Lab File: BG043916.D

Acq: 4 Jan 2020 10:56

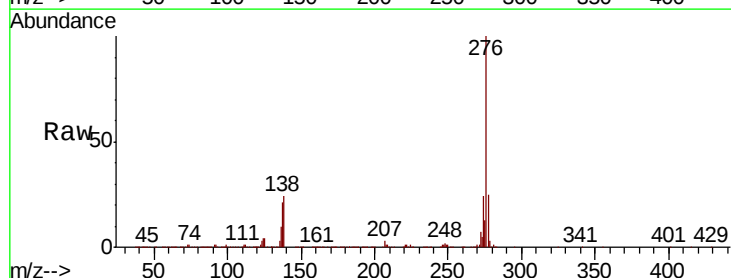
Tgt Ion:276 Resp: 2133988

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 23.8 19.0 28.6



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

