

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043512.D
 Acq On : 5 Nov 2019 17:50
 Operator : JU
 Sample : K5676-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Manual Integrations
 APPROVED

mohammad
 11/6/2019 8:41:15 AM

Quant Time: Nov 06 02:22:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39219	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	154686	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	112989	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	279176	20.00	ng	0.00
76) Chrysene-d12	21.66	240	300905	20.00	ng	0.00
87) Perylene-d12	24.85	264	358731	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	264135	123.41	ng	0.00
7) Phenol-d6	7.20	99	362554	117.74	ng	0.00
23) Nitrobenzene-d5	9.18	82	219291	73.09	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	238712	111.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	571280	69.86	ng	0.00
79) Terphenyl-d14	20.00	244	1244220	77.57	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	27934	33.492	ng	# 58
3) Pyridine	3.89	79	38473	18.287	ng	# 93
4) n-Nitrosodimethylamine	3.79	42	46086	43.410	ng	92
6) Aniline	7.34	93	35237	9.934	ng	99
8) 2-Chlorophenol	7.58	128	106969	45.276	ng	95
9) Benzaldehyde	7.15	77	56221	37.151	ng	96
10) Phenol	7.23	94	136940	48.666	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	88794	40.815	ng	98
12) 1,3-Dichlorobenzene	7.90	146	115382	38.979	ng	99
13) 1,4-Dichlorobenzene	8.05	146	118554	39.585	ng	95
14) 1,2-Dichlorobenzene	8.37	146	113782	38.910	ng	95
15) Benzyl Alcohol	8.26	79	95628	44.219	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	115683	36.570	ng	98
17) 2-Methylphenol	8.47	107	88326	43.058	ng	98
18) Hexachloroethane	9.09	117	40892	37.844	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	78994	39.700	ng	95
20) 3+4-Methylphenols	8.80	107	123085	43.758	ng	98
22) Acetophenone	8.84	105	154908	39.105	ng	# 99
24) Nitrobenzene	9.22	77	115101	40.270	ng	98
25) Isophorone	9.73	82	225662	41.137	ng	99
26) 2-Nitrophenol	9.93	139	63686	46.152	ng	93
27) 2,4-Dimethylphenol	10.00	122	93838	47.446	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	120220	39.708	ng	97
29) 2,4-Dichlorophenol	10.48	162	111639	44.055	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	123206	38.576	ng	98
31) Naphthalene	10.87	128	320882	40.867	ng	99
32) Benzoic acid	10.17	122	50396	36.129	ng	90
33) 4-Chloroaniline	11.00	127	10187	3.165	ng	97
34) Hexachlorobutadiene	11.15	225	87235	36.949	ng	96
35) Caprolactam	11.76	113	35207m	40.340	ng	
36) 4-Chloro-3-methylphenol	12.11	107	118529	42.881	ng	98
37) 2-Methylnaphthalene	12.47	142	247506	41.083	ng	98
38) 1-Methylnaphthalene	12.69	142	231220	40.337	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	156846	37.509	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	156155	71.090	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	102689	41.700	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	112952	45.370	ng	96
46) 1,1'-Biphenyl	13.47	154	331900	38.613	ng	98
47) 2-Chloronaphthalene	13.52	162	254006	38.838	ng	97
48) 2-Nitroaniline	13.72	65	78138	39.974	ng	97
49) Acenaphthylene	14.36	152	423473	41.604	ng	98
50) Dimethylphthalate	14.09	163	383425	43.811	ng	98
51) 2,6-Dinitrotoluene	14.22	165	79295	41.706	ng	92
52) Acenaphthene	14.71	154	248742	40.072	ng	95
53) 3-Nitroaniline	14.56	138	21013	11.447	ng	# 93
54) 2,4-Dinitrophenol	14.76	184	85691	72.887	ng	98
55) Dibenzofuran	15.04	168	411519	40.881	ng	97
56) 4-Nitrophenol	14.89	139	114657	93.206	ng	94
57) 2,4-Dinitrotoluene	15.01	165	113229	41.671	ng	# 99
58) Fluorene	15.69	166	343787	40.720	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	115422	43.636	ng	97
60) Diethylphthalate	15.46	149	349001	39.688	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	196653	39.927	ng	98
62) 4-Nitroaniline	15.72	138	71513	37.722	ng	99
63) Azobenzene	15.97	77	292524	41.103	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	70906	43.158	ng	96
66) n-Nitrosodiphenylamine	15.90	169	310383	39.379	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	140956	37.517	ng	99
68) Hexachlorobenzene	16.70	284	157435	36.505	ng	95
69) Atrazine	16.84	200	137739	50.292	ng	97
70) Pentachlorophenol	17.04	266	168795	85.896	ng	97
71) Phenanthrene	17.43	178	559895	39.165	ng	99
72) Anthracene	17.52	178	579148	40.491	ng	99
73) Carbazole	17.80	167	525162	40.545	ng	99
74) Di-n-butylphthalate	18.34	149	634861	40.395	ng	99
75) Fluoranthene	19.44	202	746704	40.065	ng	99
77) Benzidine	19.63	184	28683	4.736	ng	98
78) Pyrene	19.80	202	759286	40.766	ng	98
80) Butylbenzylphthalate	20.68	149	289895	41.082	ng	96
81) Benzo(a)anthracene	21.64	228	766747	40.680	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	104415	14.323	ng	98
83) Chrysene	21.70	228	753952	40.259	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	416826	41.583	ng	99
85) Di-n-octyl phthalate	22.74	149	721782	42.442	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1005893	42.790	ng	99
88) Benzo(b)fluoranthene	23.84	252	822412	40.478	ng	100
89) Benzo(k)fluoranthene	23.91	252	824221	40.297	ng	96
90) Benzo(a)pyrene	24.71	252	765419	39.451	ng	100
91) Dibenzo(a,h)anthracene	28.56	278	845681	42.614	ng	98
92) Benzo(g,h,i)perylene	29.64	276	843997	43.116	ng	97

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



#1

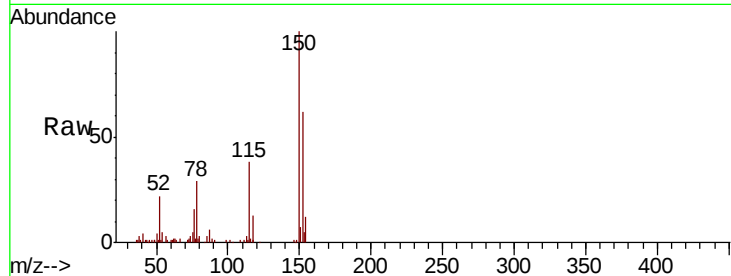
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	129.4	194.0
115	62.1	48.8	73.2

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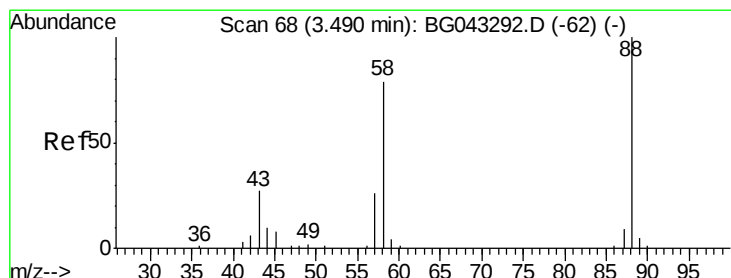
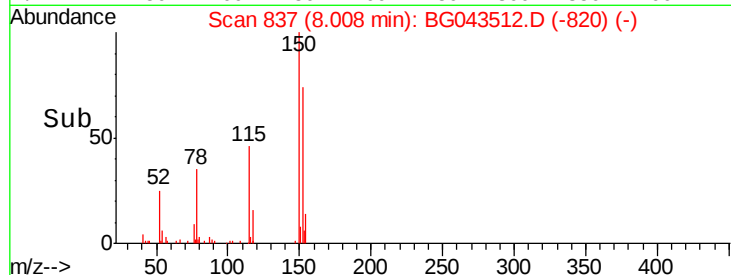
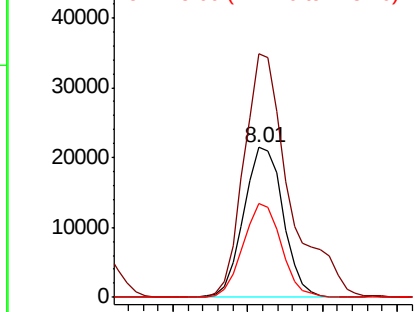


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

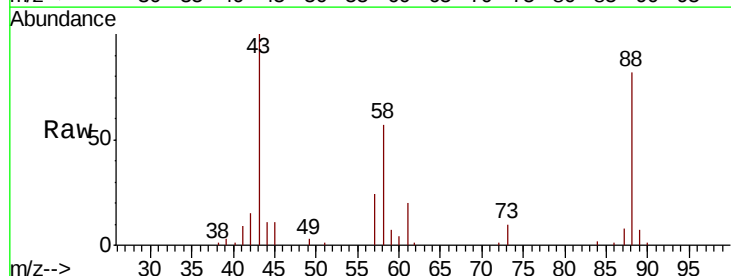
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.492 ng
RT: 3.48 min Scan# 67
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.7	94.1
43	111.8	23.7	35.5#

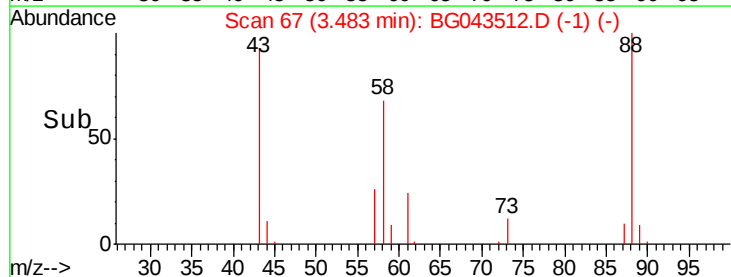
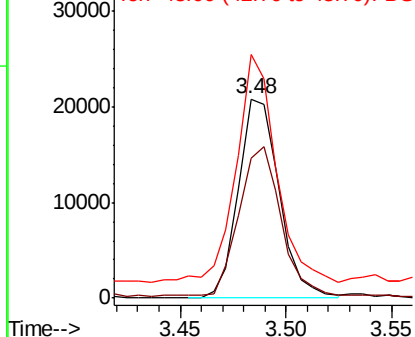


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.287 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.02 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

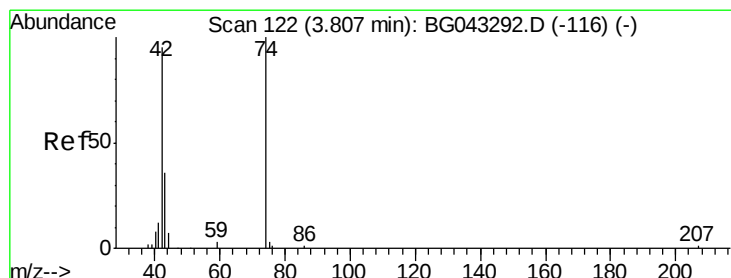
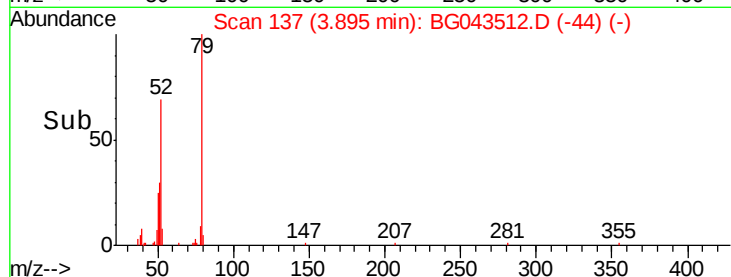
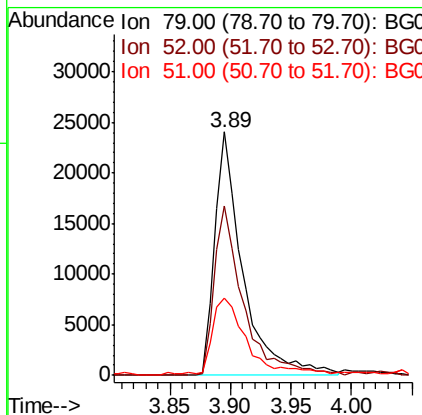
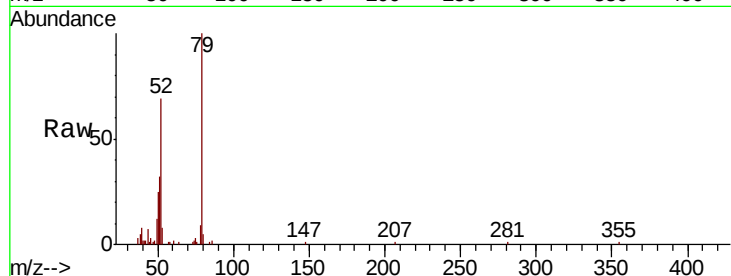
ClientSampleId :

SU-02-110119MSD

Tot Ion:	79	Resp:	38473
Ion Ratio	Lower	Upper	
79	100		
52	69.3	56.5	84.7
51	31.5	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 43.410 ng

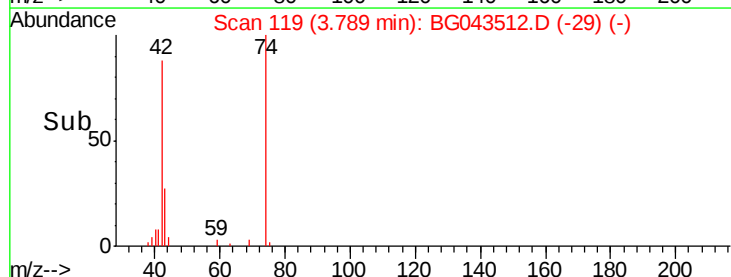
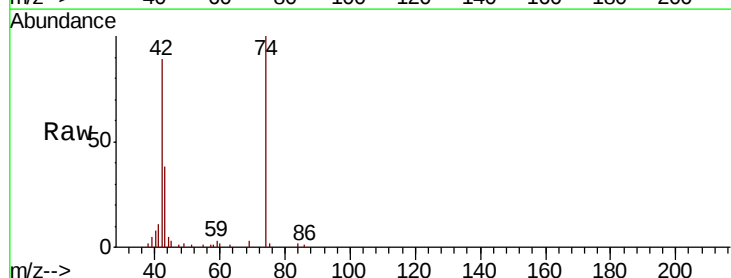
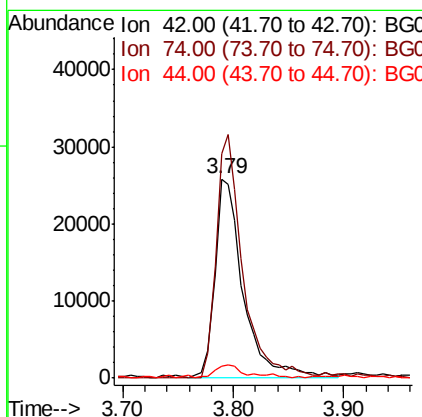
RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	42	Resp:	46086
Ion Ratio	Lower	Upper	
42	100		
74	112.8	97.3	145.9
44	6.1	4.4	6.6





#5

2-Fluorophenol

Concen: 123.413 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

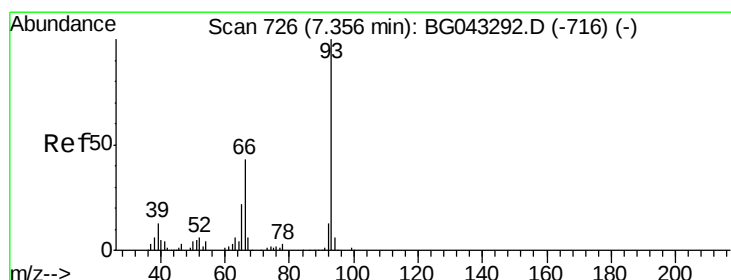
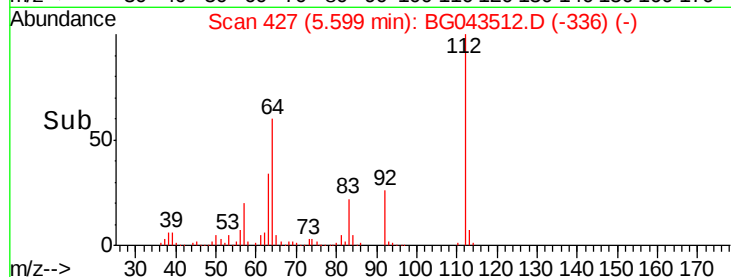
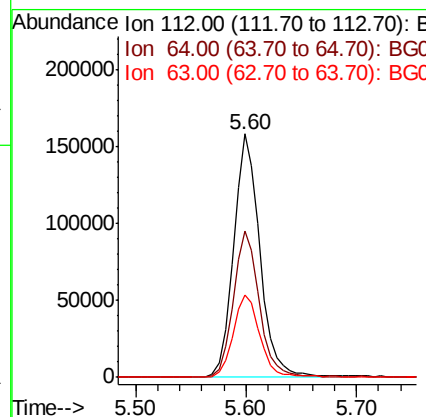
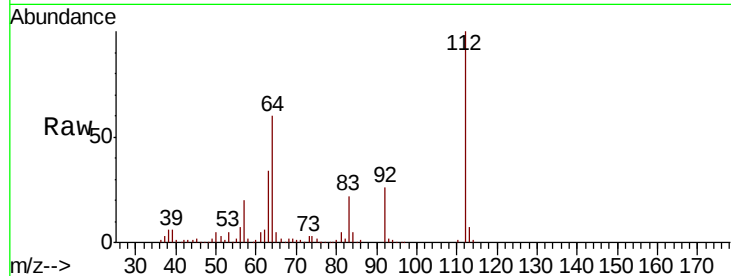
ClientSampleId :

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Tot Ion:	112	Resp:	264135
Ion Ratio	Lower	Upper	
112	100		
64	59.9	50.0	75.0
63	34.1	26.6	40.0

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#6

Aniline

Concen: 9.934 ng

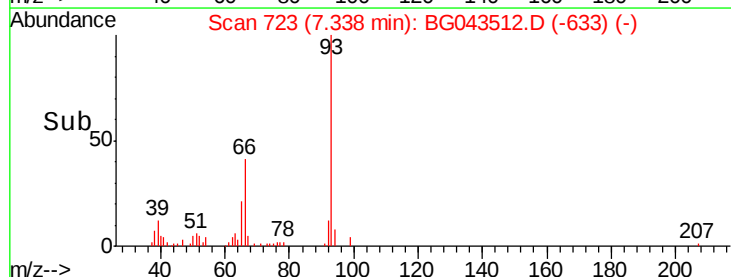
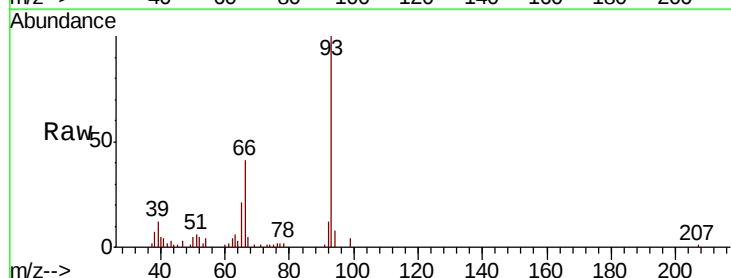
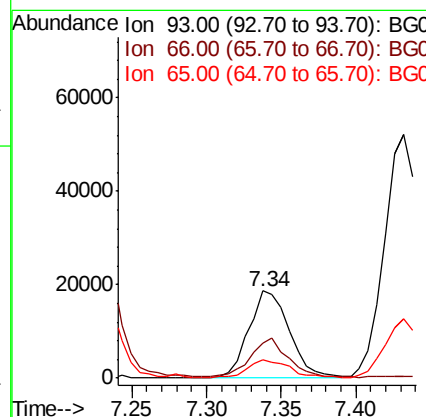
RT: 7.34 min Scan# 723

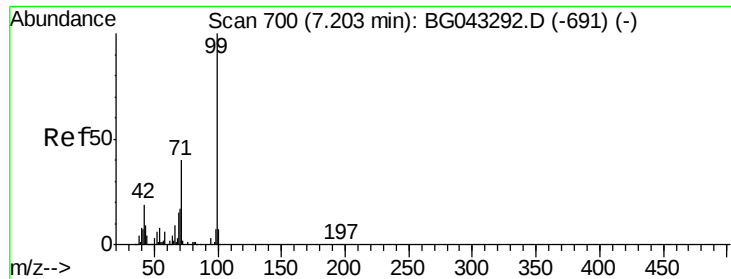
Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	93	Resp:	35237
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.3	48.5
65	21.1	16.1	24.1





#7

Phenol-d6

Concen: 117.738 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

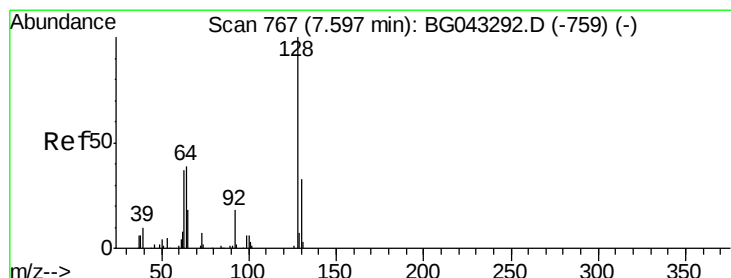
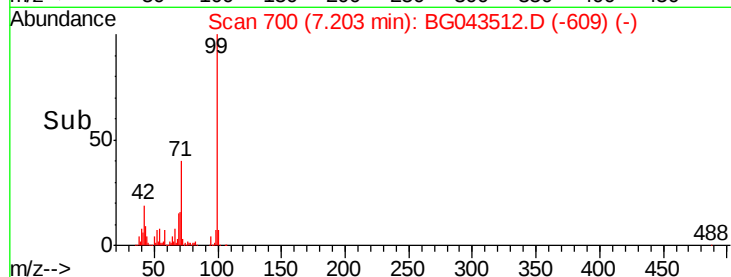
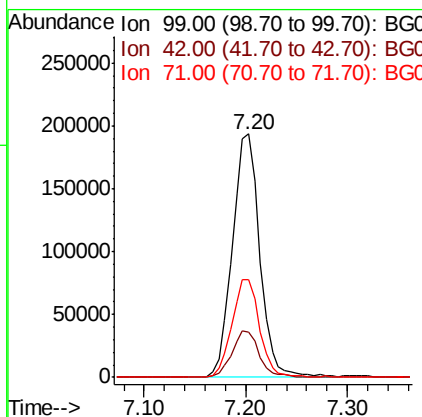
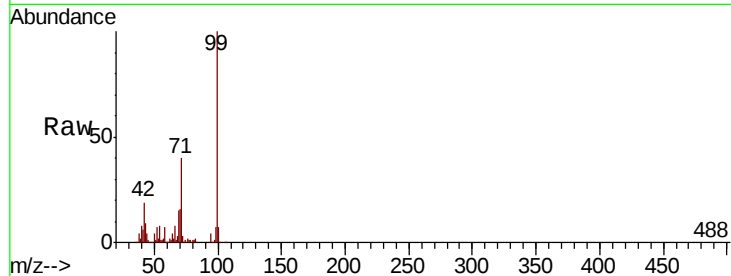
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		362554		
42	18.5	14.6	21.8		
71	40.2	32.5	48.7		

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#8

2-Chlorophenol

Concen: 45.276 ng

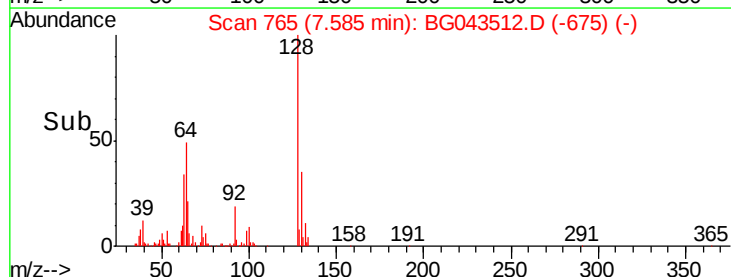
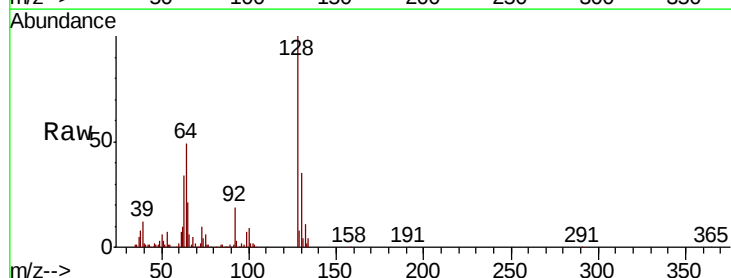
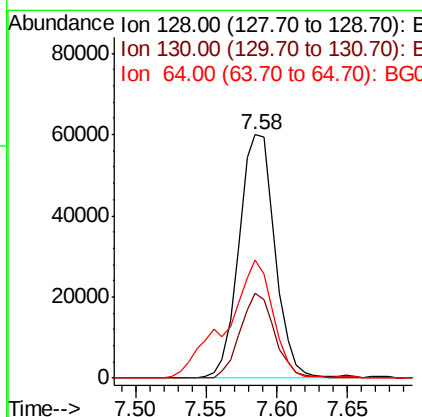
RT: 7.58 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		106969		
130	34.7	12.5	52.5		
64	48.5	25.3	65.3		





#9

Benzaldehyde

Concen: 37.151 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

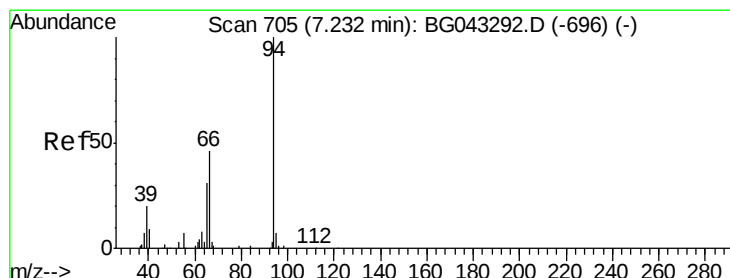
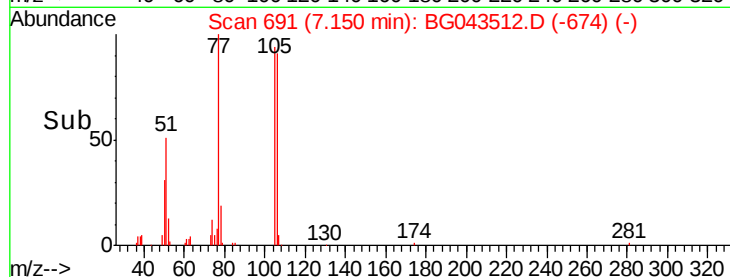
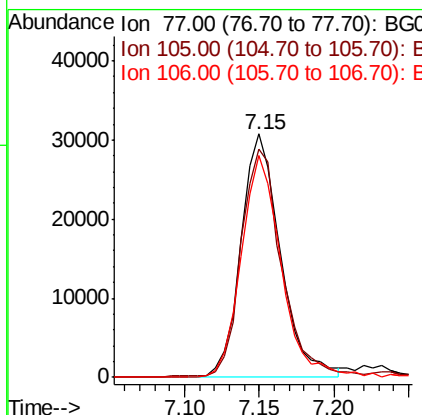
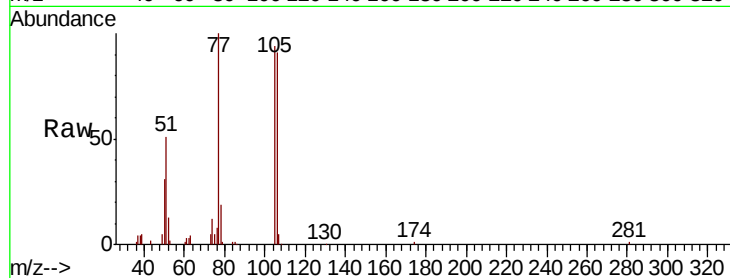
ClientSampleId :

SU-02-110119MSD

Tot Ion:	77	Resp:	56221
Ion	Ratio	Lower	Upper
77	100		
105	93.9	68.6	108.6
106	91.3	69.9	109.9

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#10

Phenol

Concen: 48.666 ng

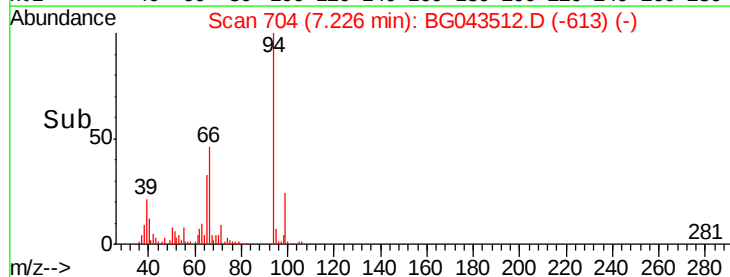
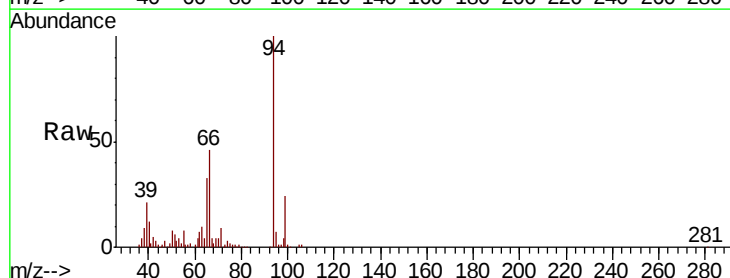
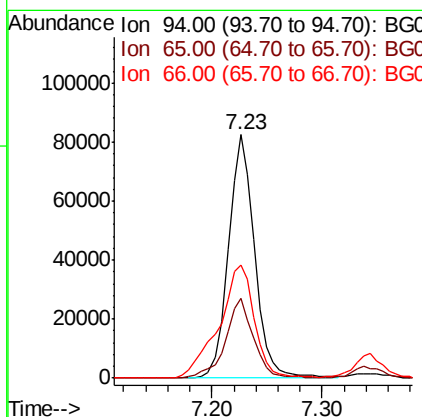
RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	94	Resp:	136940
Ion	Ratio	Lower	Upper
94	100		
65	32.6	12.6	52.6
66	46.4	30.7	70.7





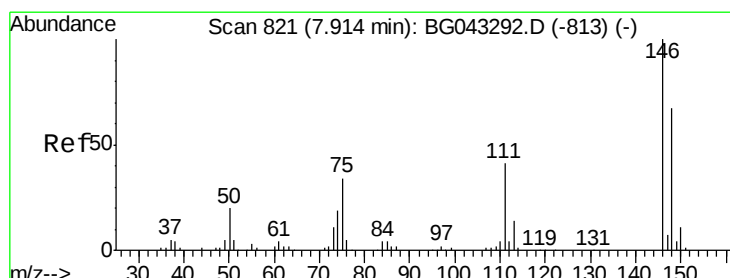
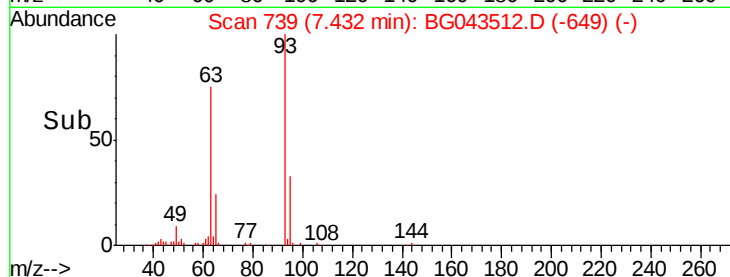
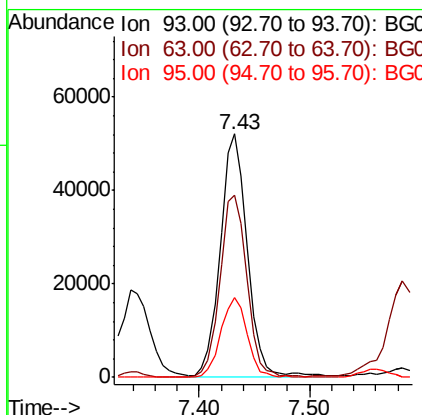
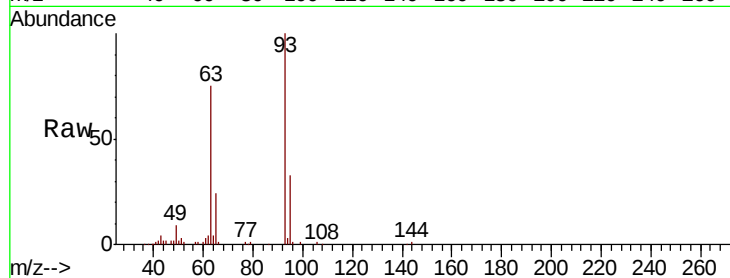
#11
bis(2-Chloroethyl)ether
Concen: 40.815 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	56.3	96.3
95	32.5	12.2	52.2

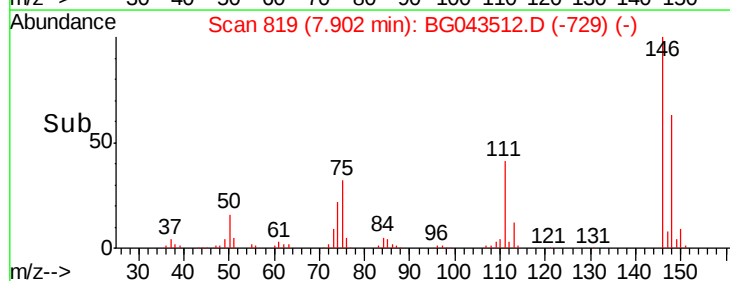
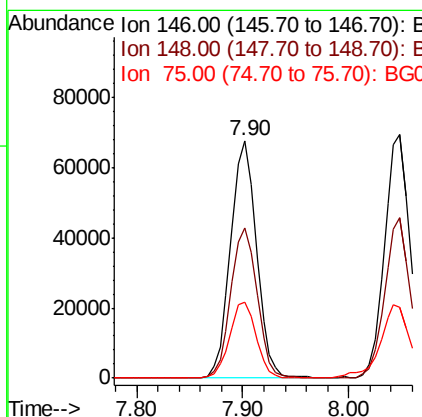
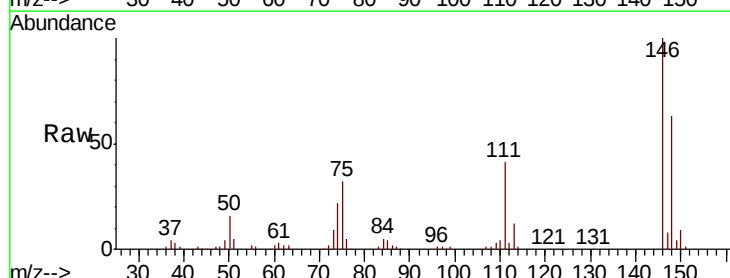
Manual Integrations
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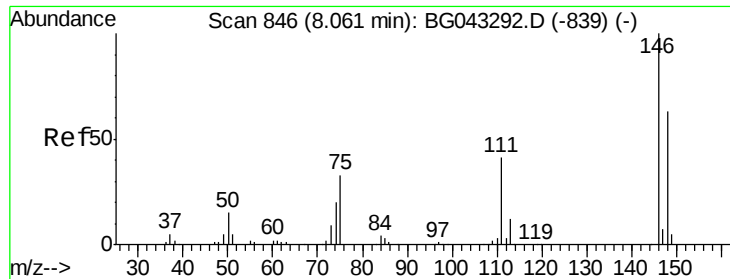
mohammad
11/6/2019 8:41:15 AM



#12
1,3-Dichlorobenzene
Concen: 38.979 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
75	32.1	24.6	37.0





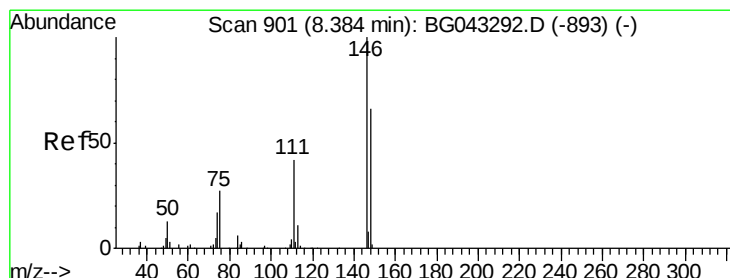
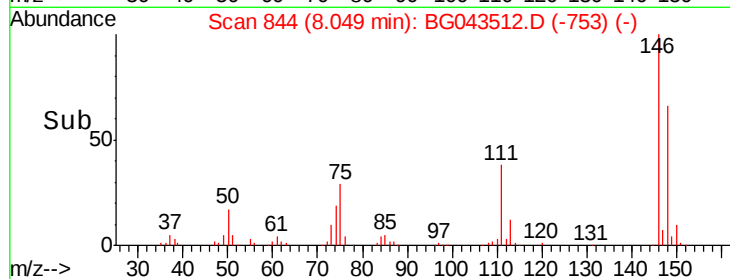
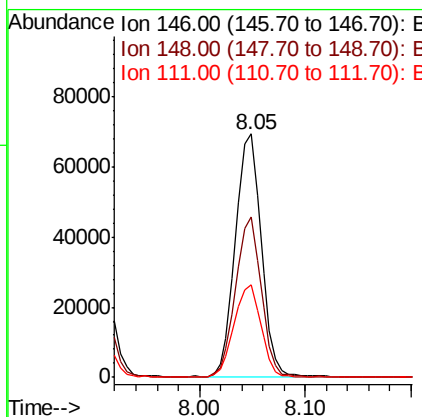
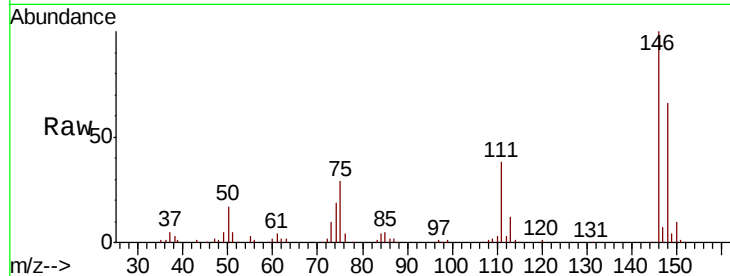
#13
 1,4-Dichlorobenzene
 Concen: 39.585 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
111	37.8	33.4	50.2

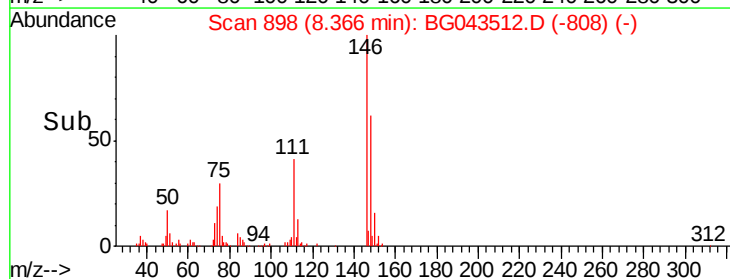
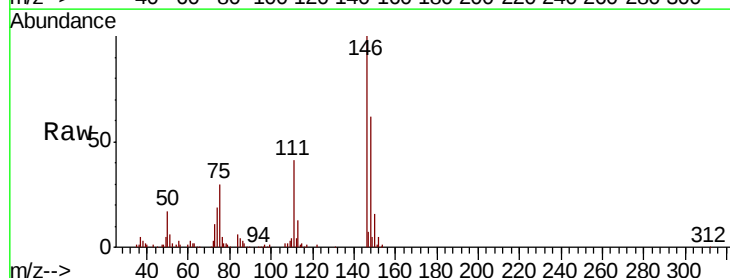
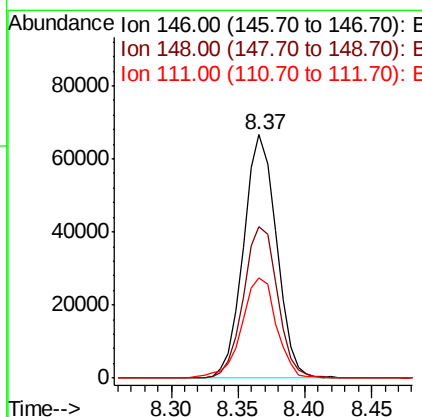
Manual Integrations
 APPROVED

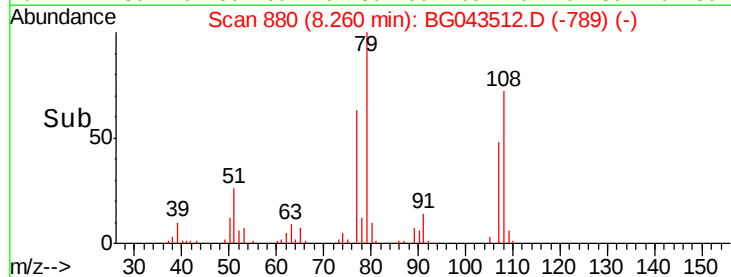
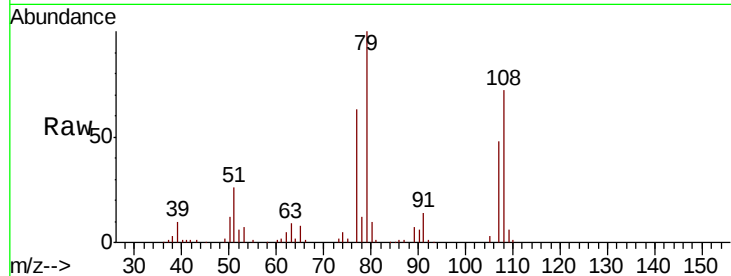
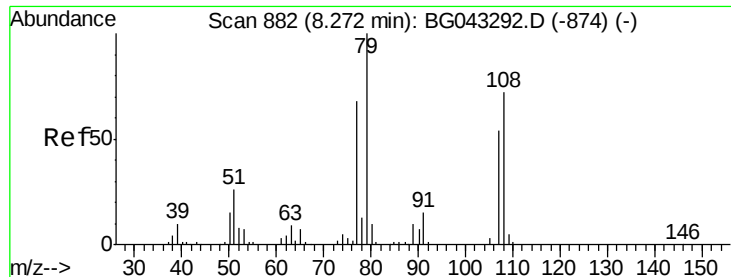
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#14
 1,2-Dichlorobenzene
 Concen: 38.910 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.2	79.8
111	41.3	35.8	53.6





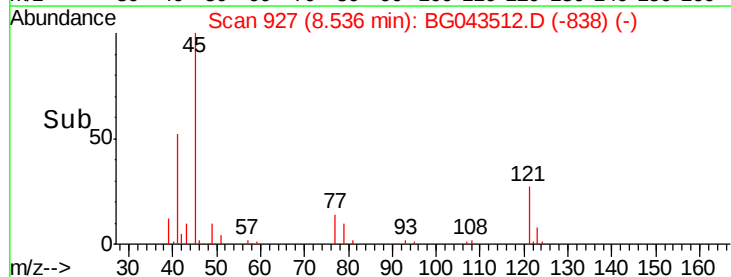
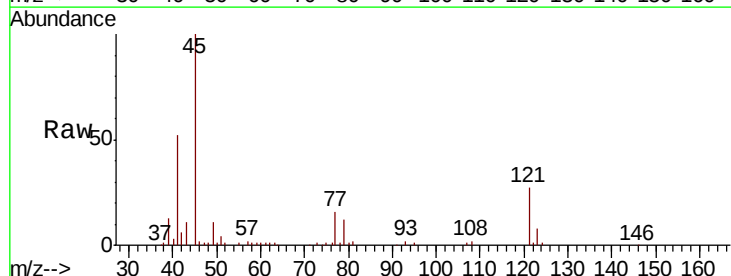
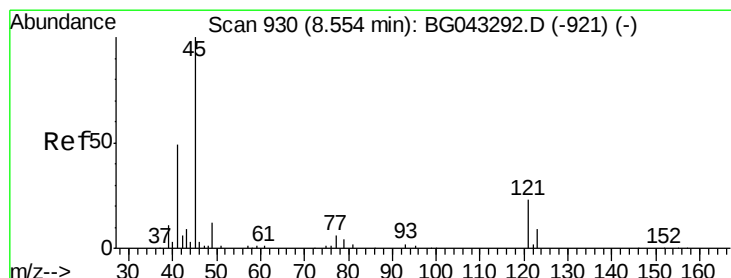
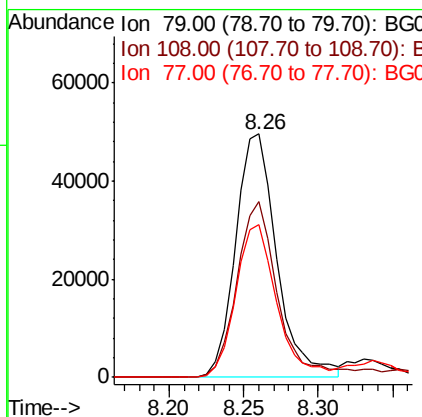
#15
Benzyl Alcohol
Concen: 44.219 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	53.6	80.4
77	62.6	49.6	74.4

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

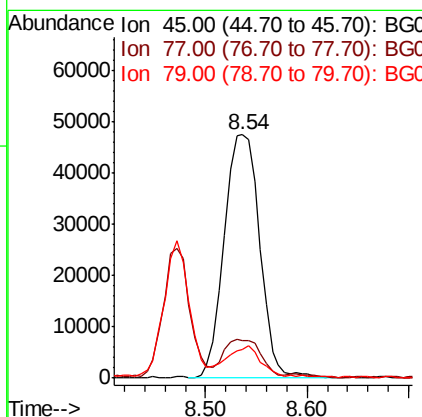
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.570 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.9
79	11.8	0.0	33.0





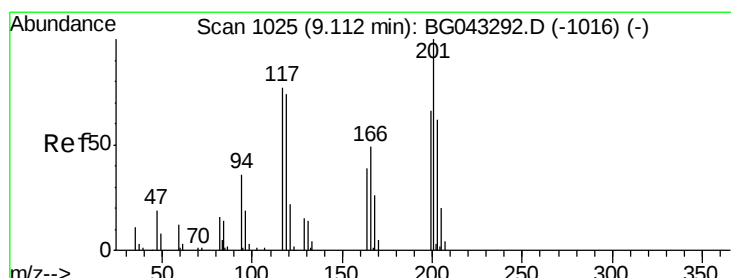
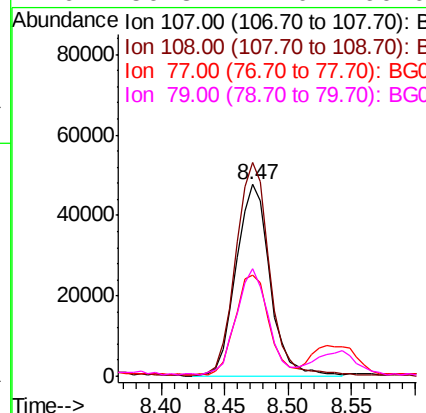
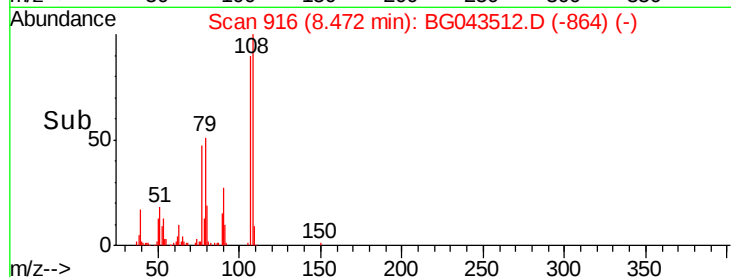
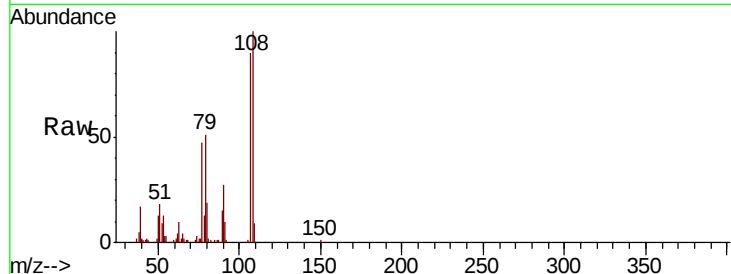
#17
2-Methylphenol
Concen: 43.058 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	90.2	135.4	
77	52.8	40.2	60.2	
79	56.3	44.0	66.0	

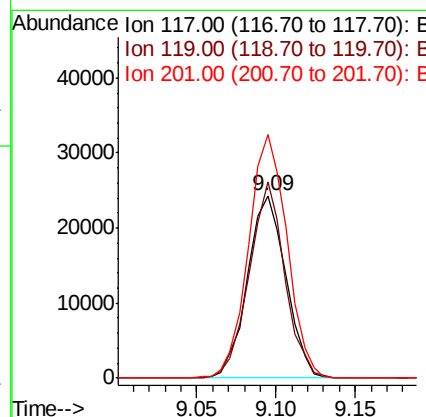
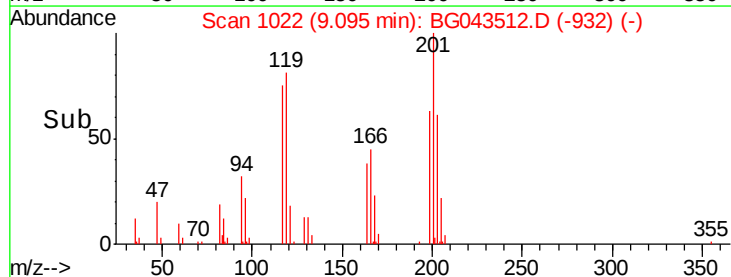
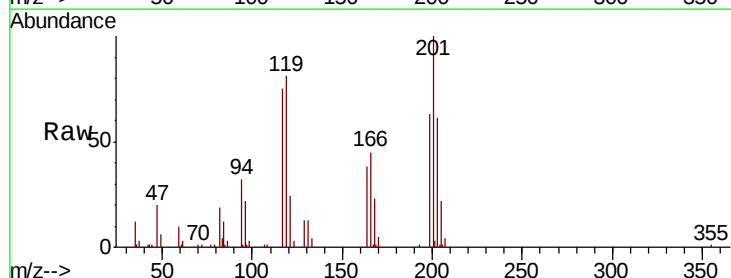
Manual Integrations
APPROVED

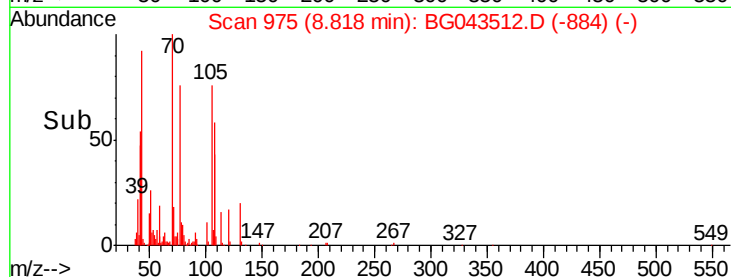
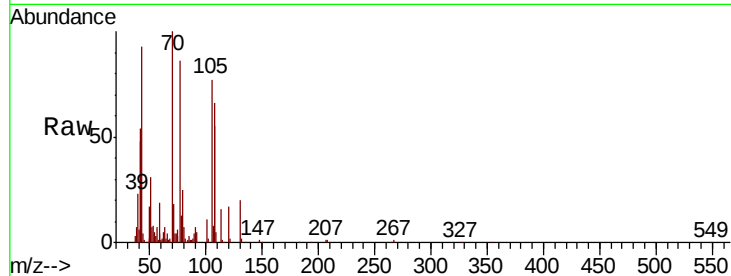
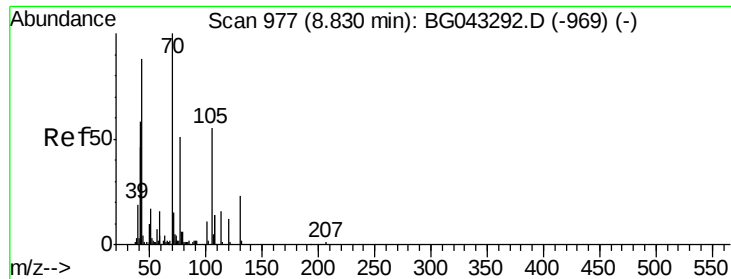
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#18
Hexachloroethane
Concen: 37.844 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	107.8	79.0	118.4	
201	137.0	105.4	158.2	





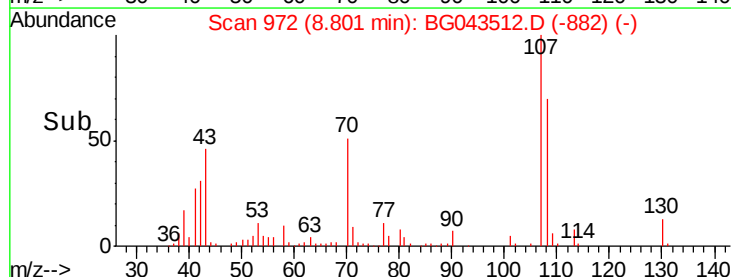
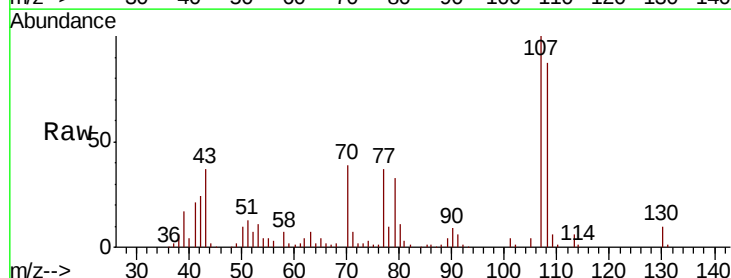
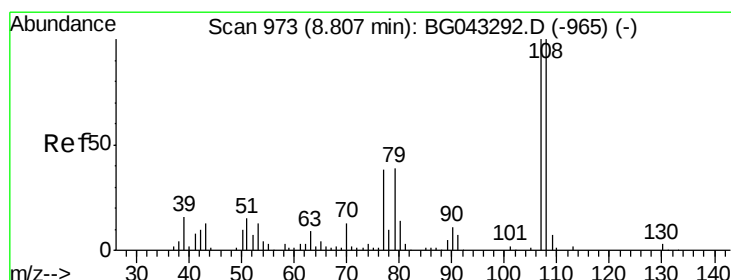
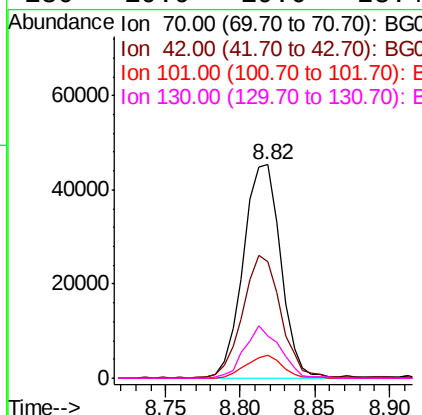
#19
n-Nitroso-di-n-propylamine
Concen: 39.700 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ion	Ratio	Lower	Upper
78994	70	100		
	42	54.4	41.4	62.2
	101	10.7	7.9	11.9
	130	19.9	19.0	28.4

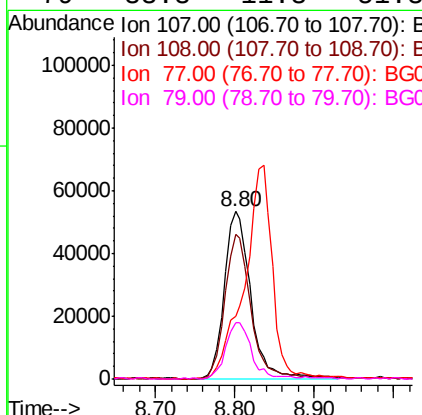
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.758 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
123085	107	100		
	108	86.8	66.6	106.6
	77	37.2	20.9	60.9
	79	33.3	11.3	51.3





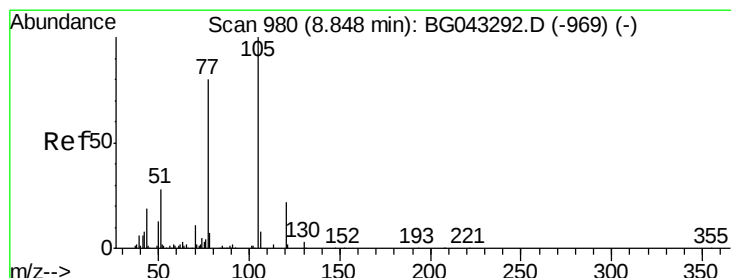
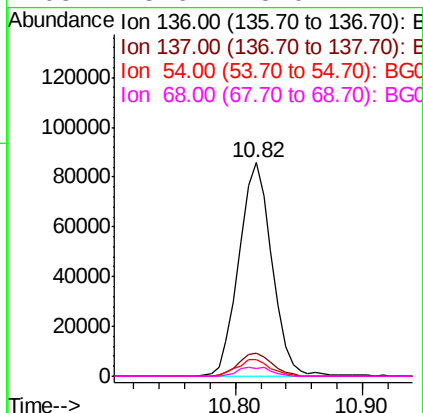
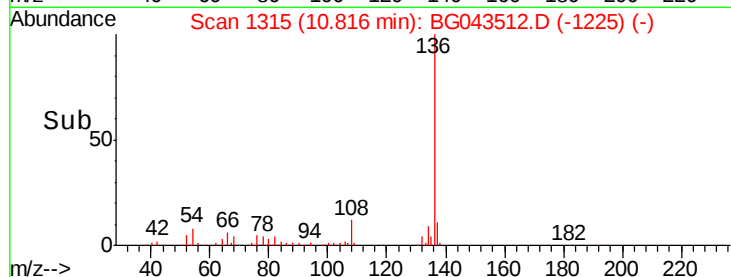
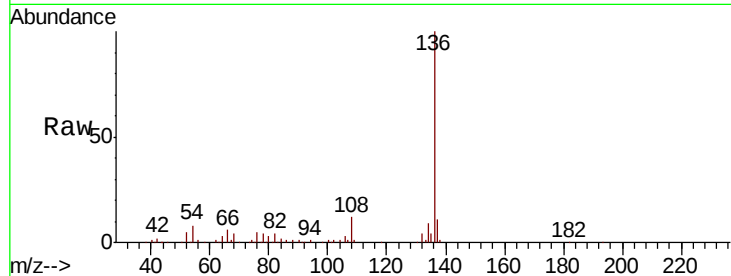
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		154686		
137	11.1	8.7	13.1		
54	7.5	5.4	8.2		
68	3.6	3.0	4.4		

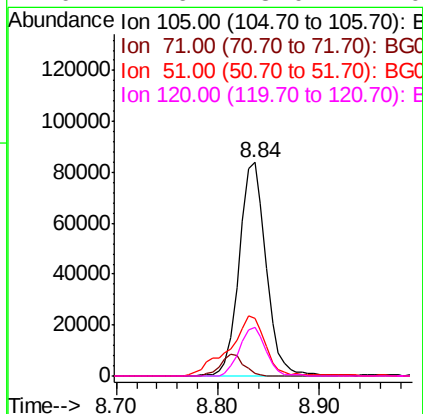
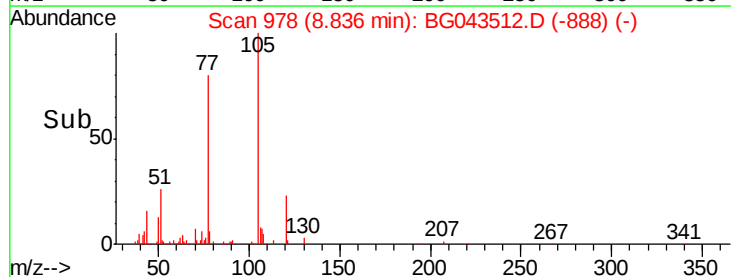
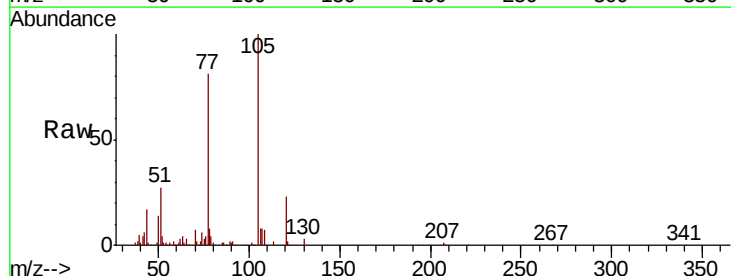
Manual Integrations
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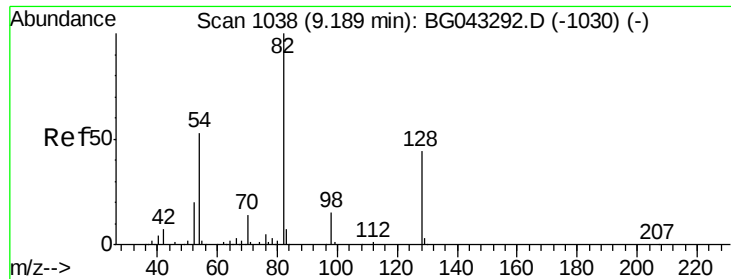
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#22
Acetophenone
Concen: 39.105 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		154908		
71	1.5	0.8	1.2#		
51	27.1	21.0	31.4		
120	22.6	18.0	27.0		





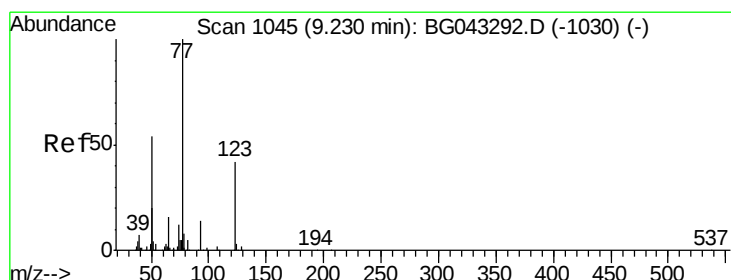
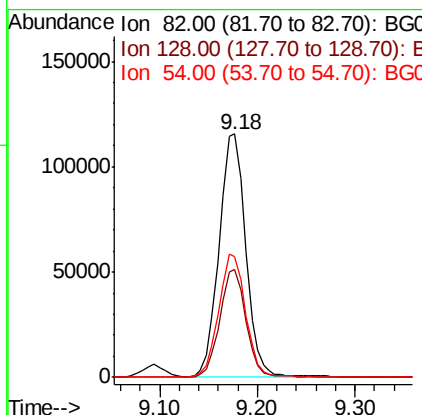
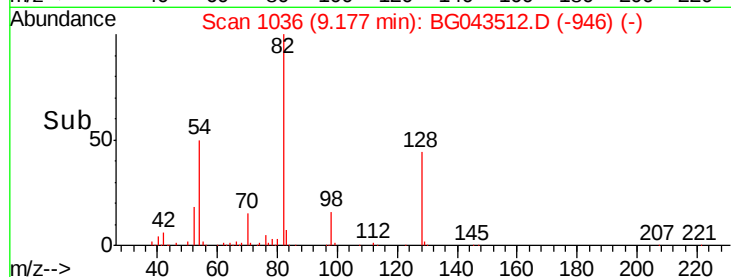
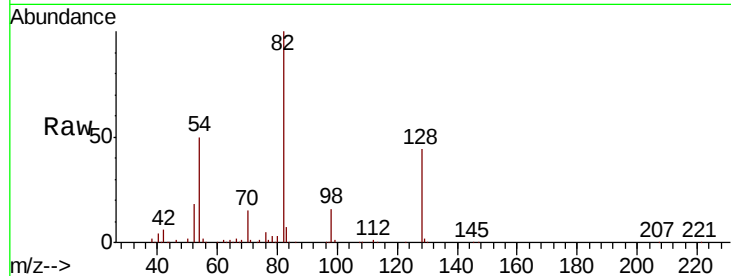
#23
Nitrobenzene-d5
Concen: 73.086 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	219291		
128	44.4	35.0	52.6	
54	49.8	40.2	60.2	

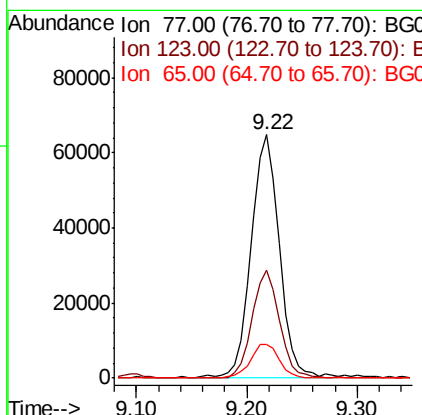
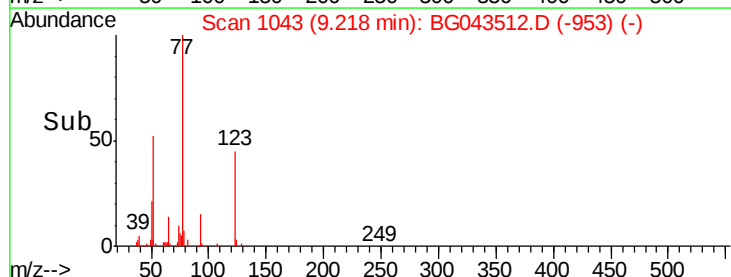
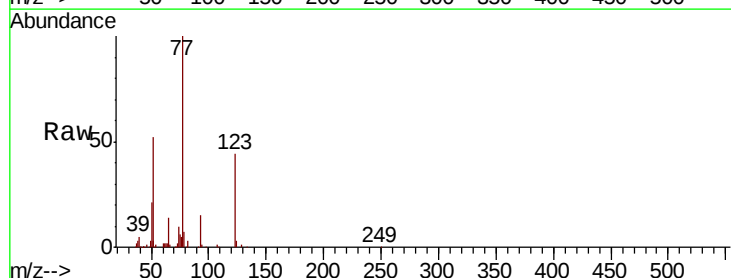
Manual Integrations
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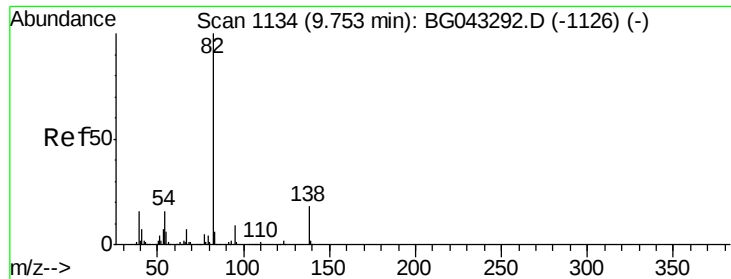
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#24
Nitrobenzene
Concen: 40.270 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	115101		
123	44.5	35.0	52.6	
65	13.7	9.5	14.3	





#25

Isophorone

Concen: 41.137 ng

RT: 9.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

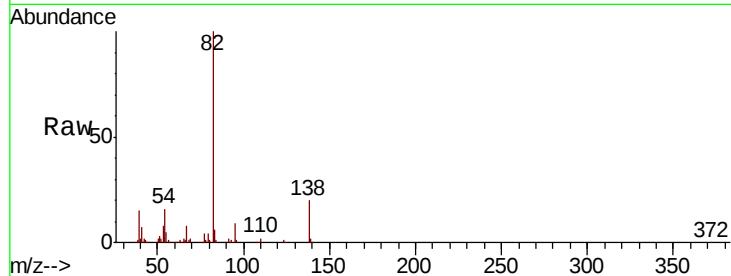
ClientSampleId :

SU-02-110119MSD

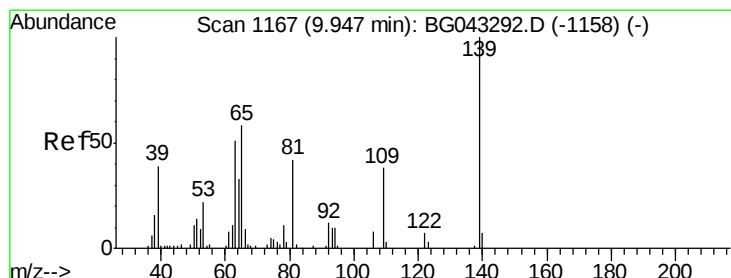
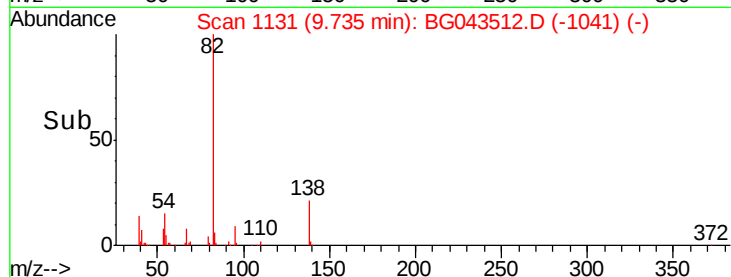
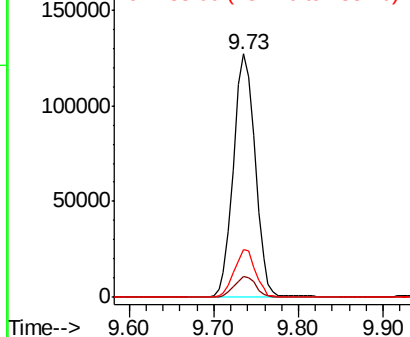
Tot Ion:	82	Resp:	225662
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.6	9.8
138	19.6	15.2	22.8

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



#26

2-Nitrophenol

Concen: 46.152 ng

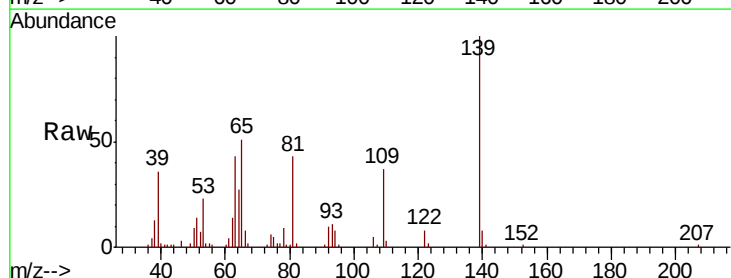
RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

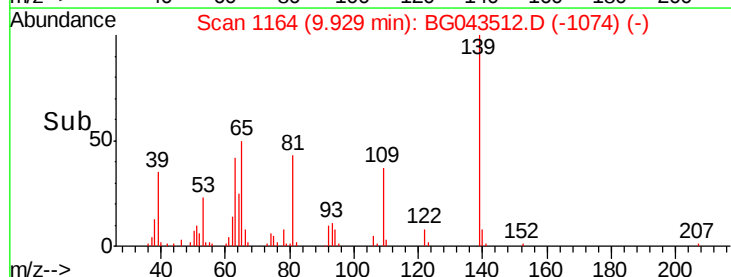
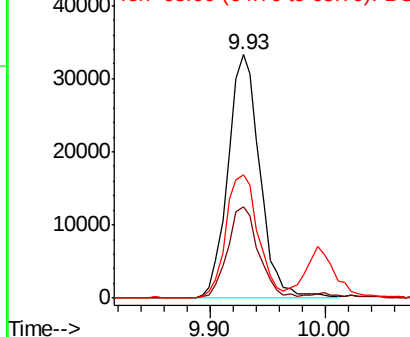
Lab File: BG043512.D

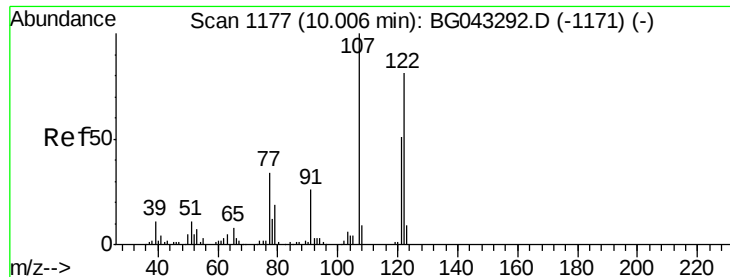
Acq: 5 Nov 2019 17:50

Tgt Ion:	139	Resp:	63686
Ion Ratio	Lower	Upper	
139	100		
109	37.5	26.5	39.7
65	50.5	43.8	65.8



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





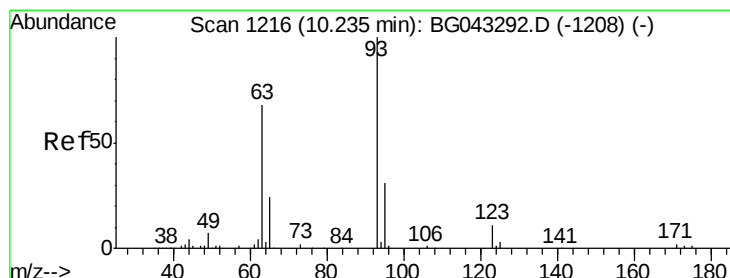
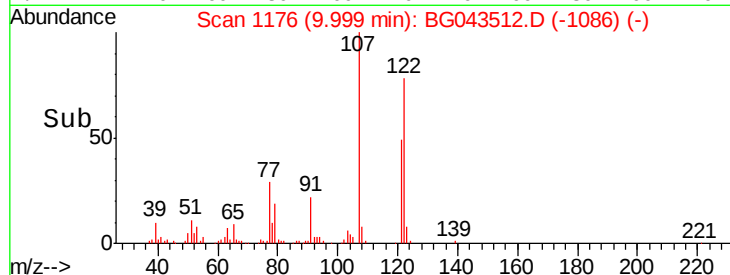
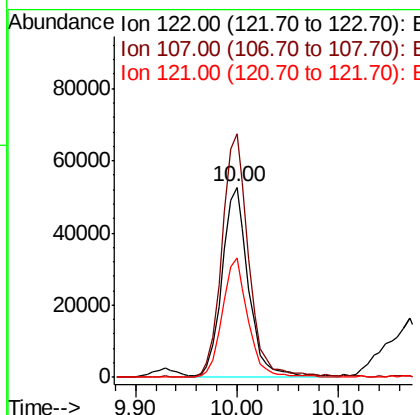
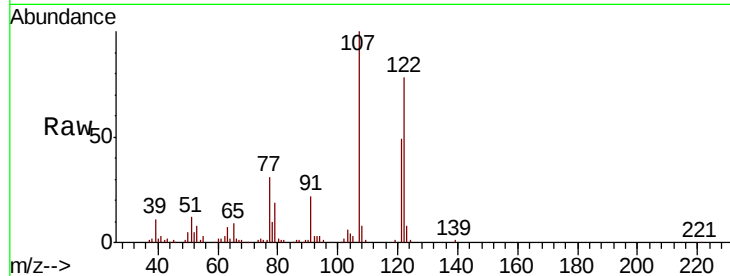
#27
2,4-Dimethylphenol
Concen: 47.446 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.9	104.4	156.6
121	62.8	47.2	70.8

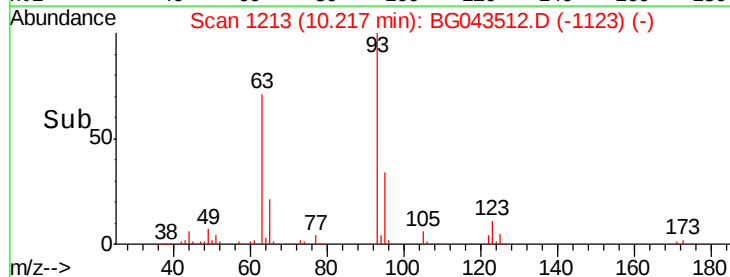
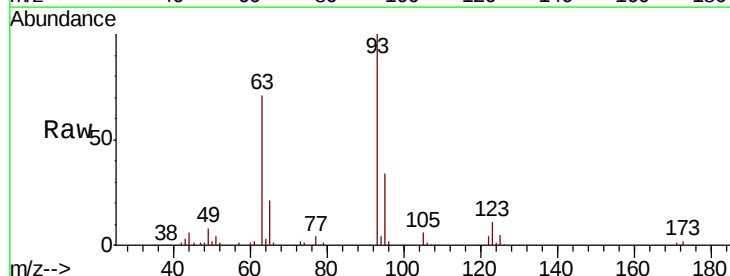
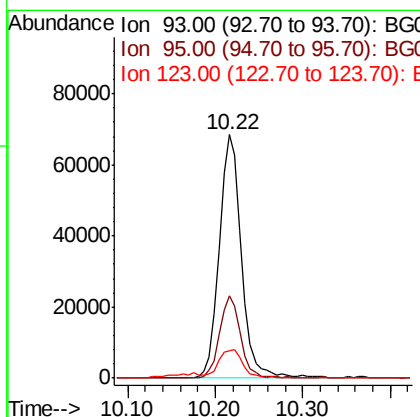
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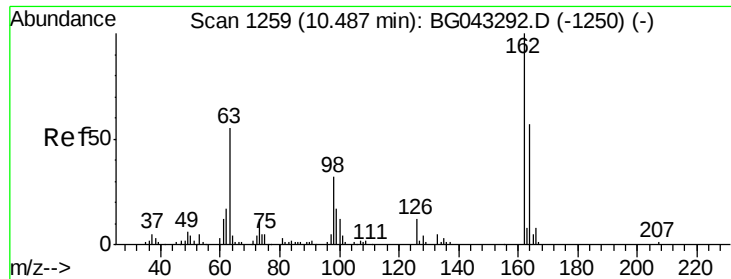
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#28
bis(2-Chloroethoxy)methane
Concen: 39.708 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.0	39.0
123	11.3	10.6	15.8





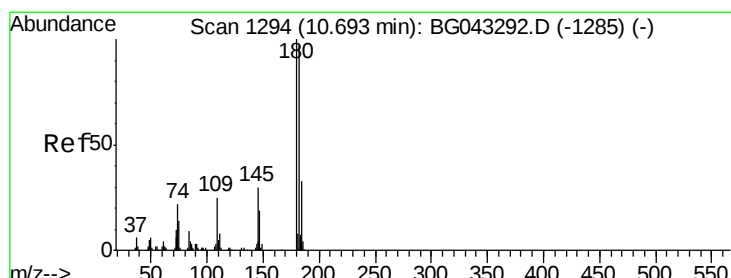
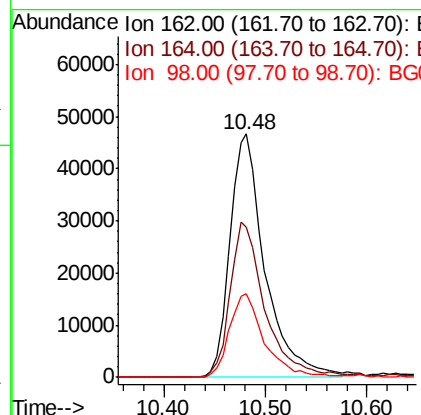
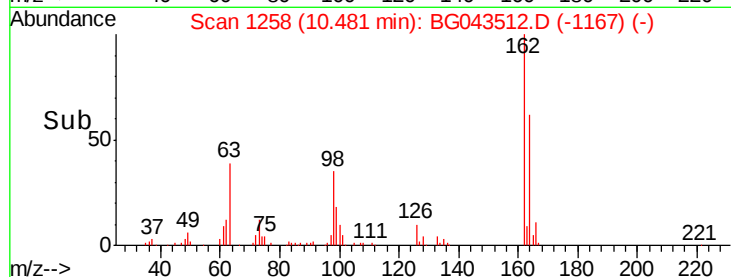
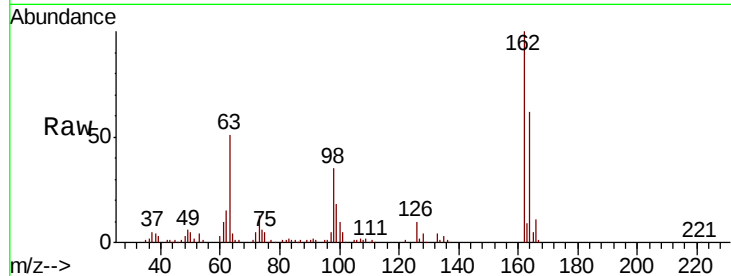
#29
 2,4-Dichlorophenol
 Concen: 44.055 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	111639		
164	61.8	48.9	88.9	
98	34.5	15.1	55.1	

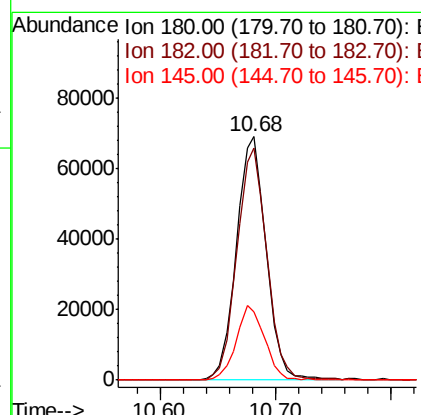
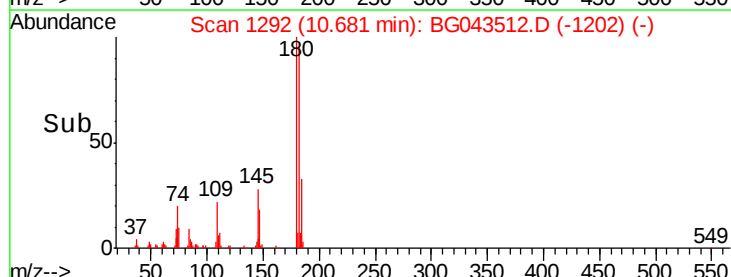
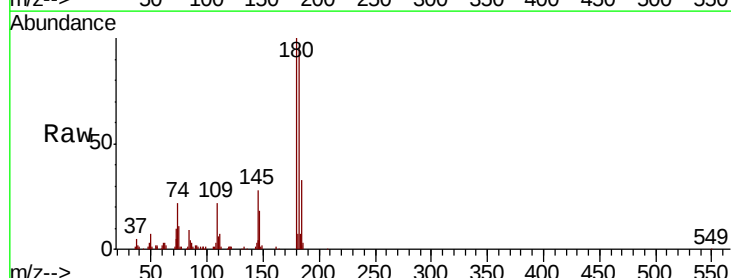
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.576 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123206		
182	95.1	75.1	112.7	
145	28.0	23.9	35.9	





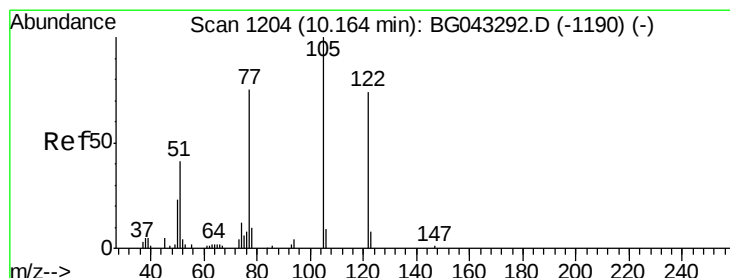
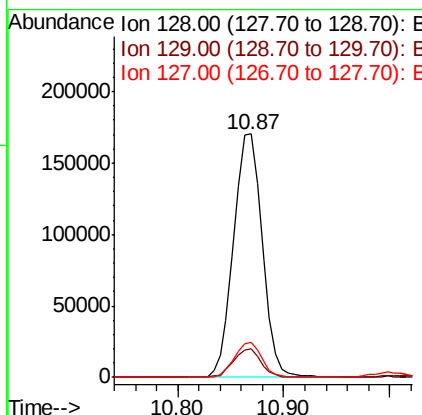
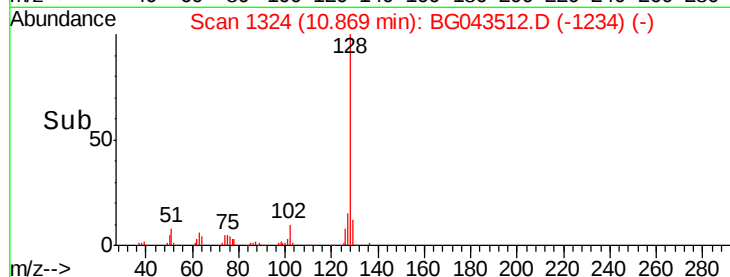
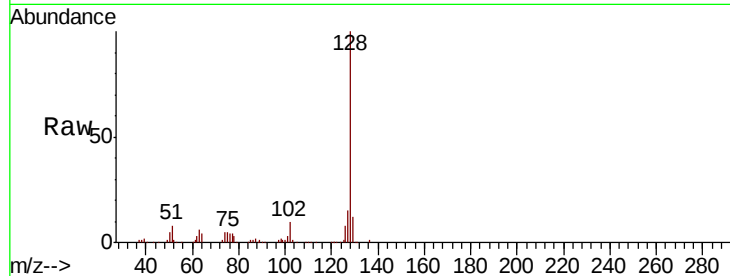
#31
Naphthalene
Concen: 40.867 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	14.6	11.1	16.7

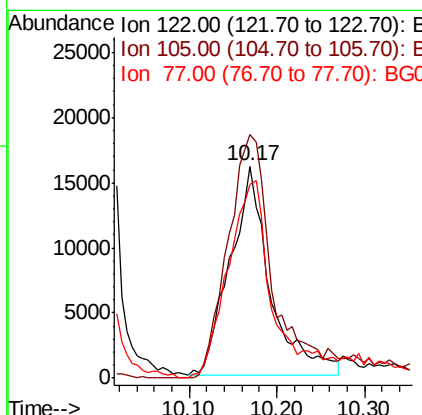
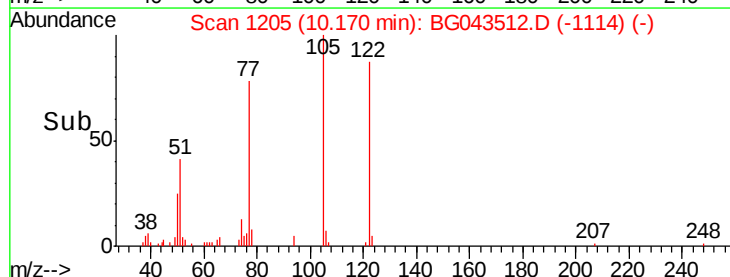
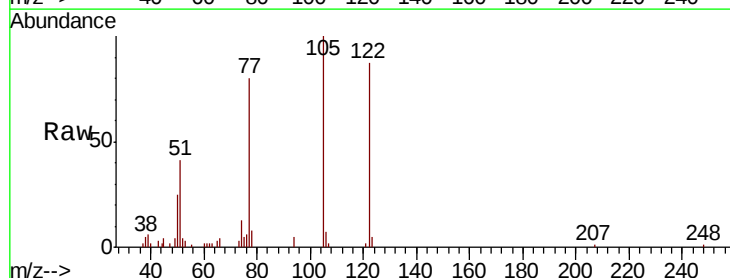
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#32
Benzoic acid
Concen: 36.129 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	103.3	143.3
77	91.6	84.9	124.9





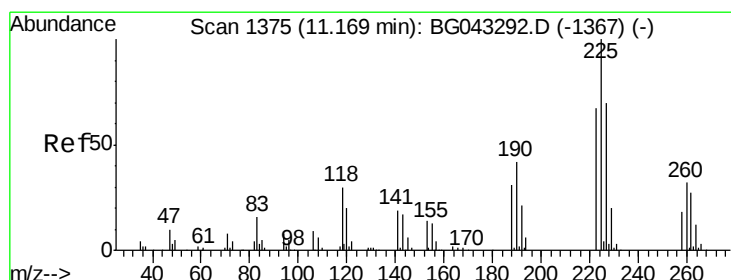
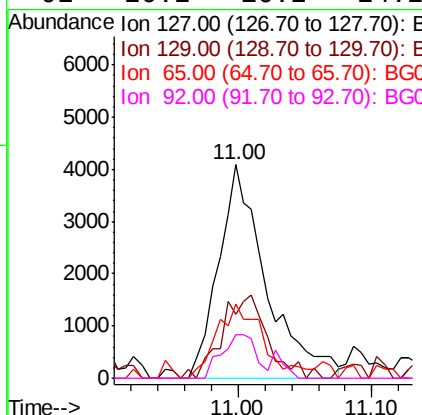
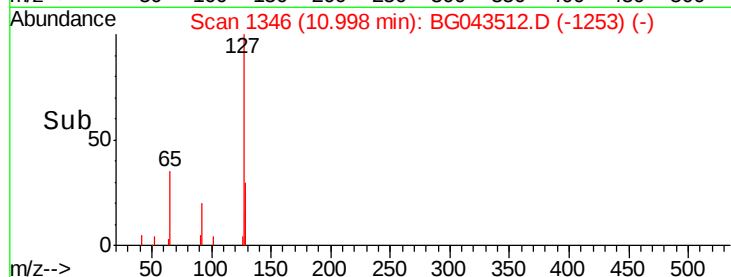
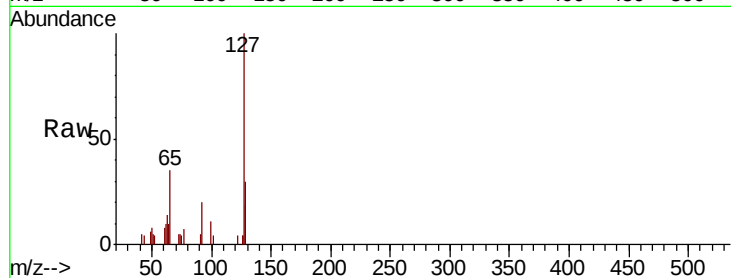
#33
4-Chloroaniline
Concen: 3.165 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.5	39.7
65	34.8	26.4	39.6
92	20.2	16.2	24.2

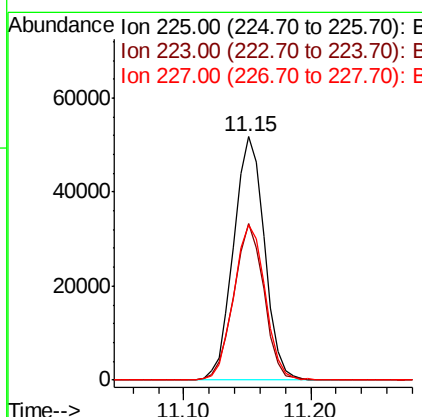
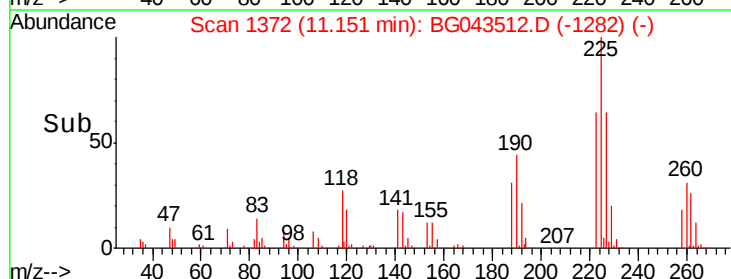
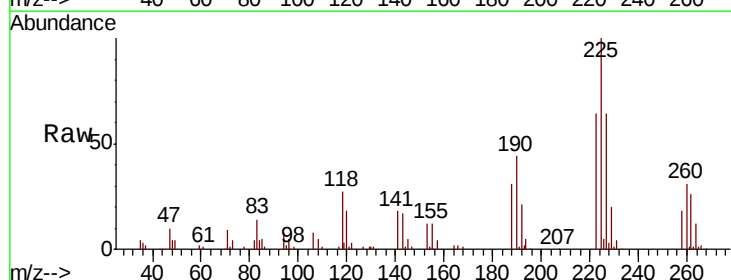
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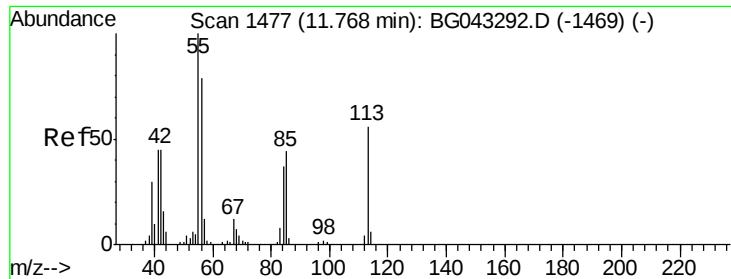
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#34
Hexachlorobutadiene
Concen: 36.949 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.7	79.1
227	64.0	54.8	82.2





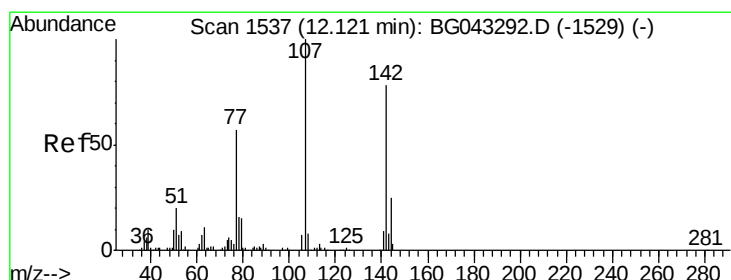
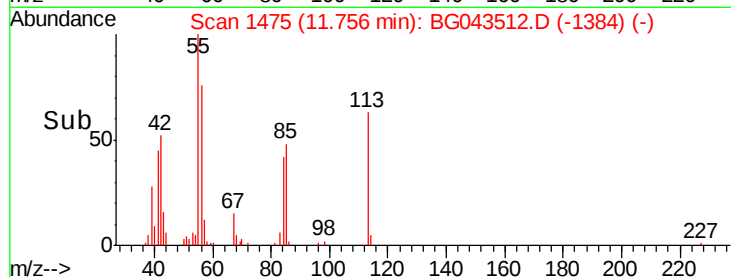
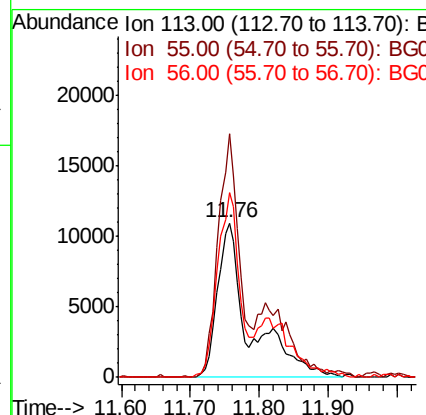
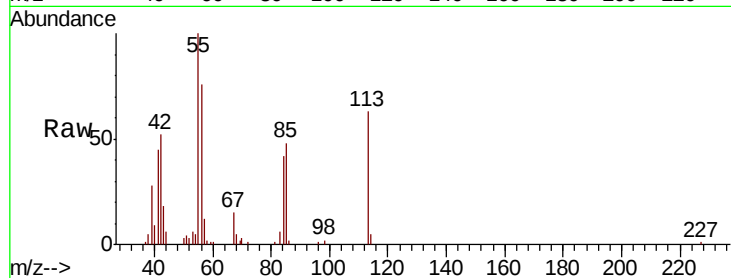
#35
 Caprolactam
 Concen: 40.340 ng/ml
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.9	134.1	174.1
56	119.8	100.4	140.4

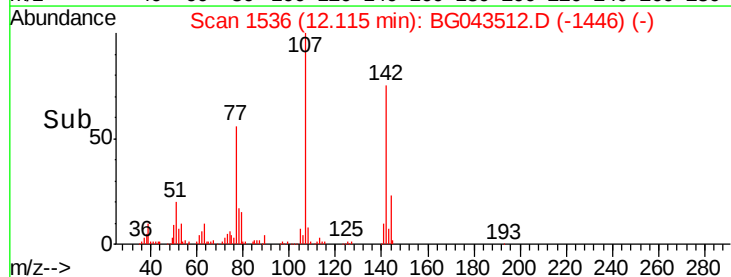
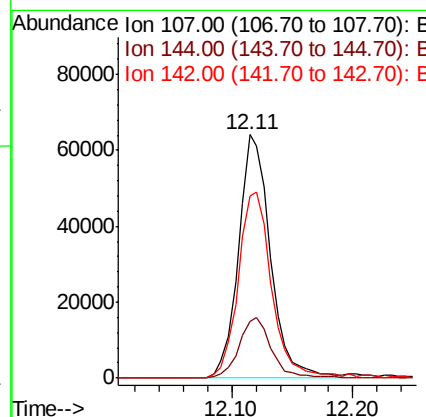
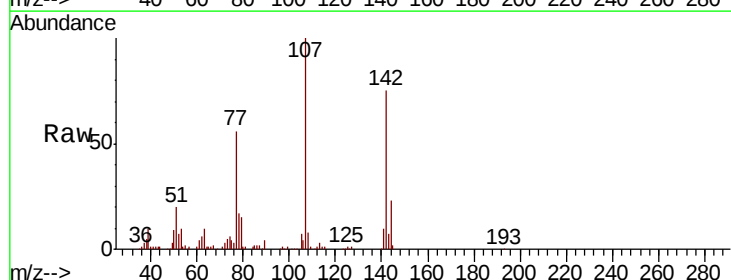
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#36
 4-Chloro-3-methylphenol
 Concen: 42.881 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	20.9	31.3
142	74.7	59.6	89.4





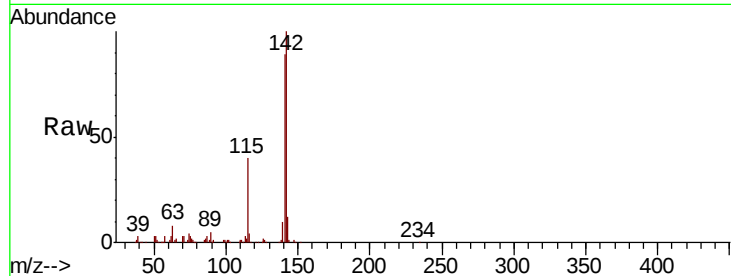
#37
2-Methylnaphthalene
Concen: 41.083 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.2
115	39.9	33.2	49.8

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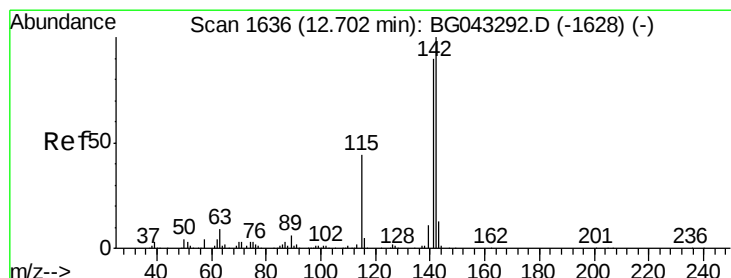
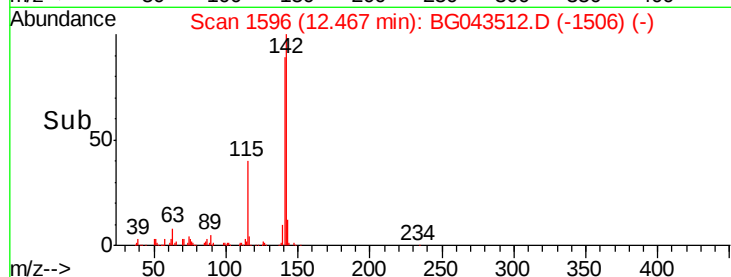
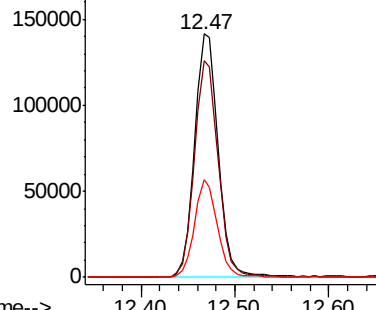


Abundance

Ion 142.00 (141.70 to 142.70): E

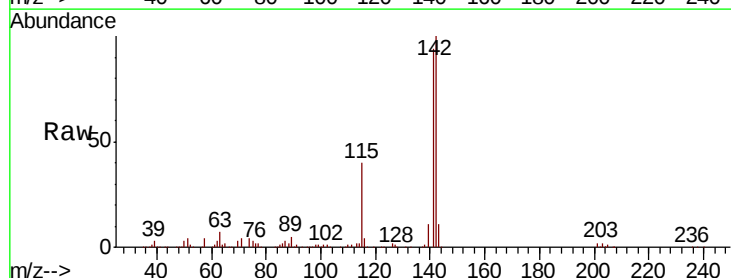
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.337 ng
RT: 12.69 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.2	109.8
116	4.3	3.6	5.4

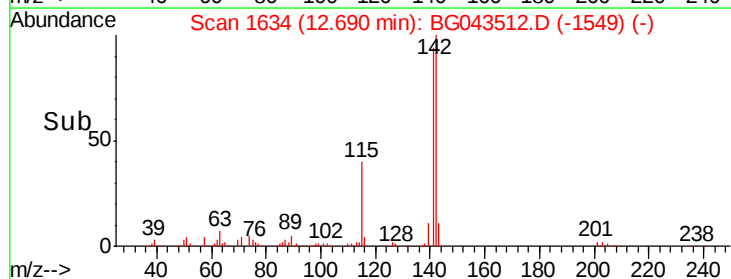
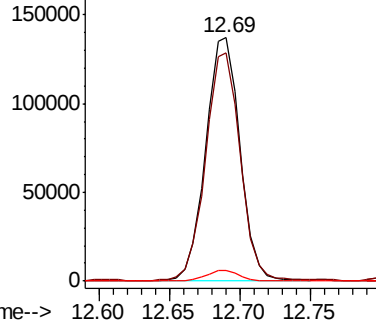


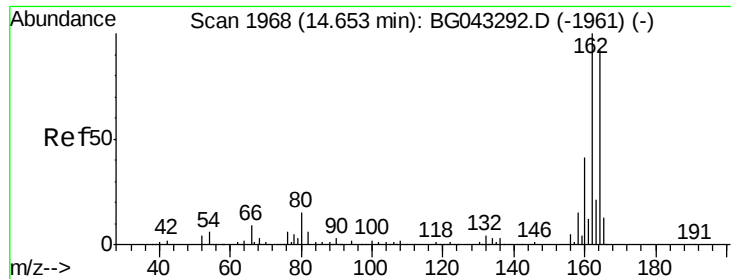
Abundance

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





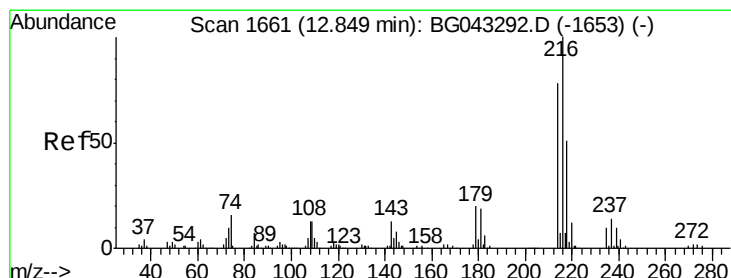
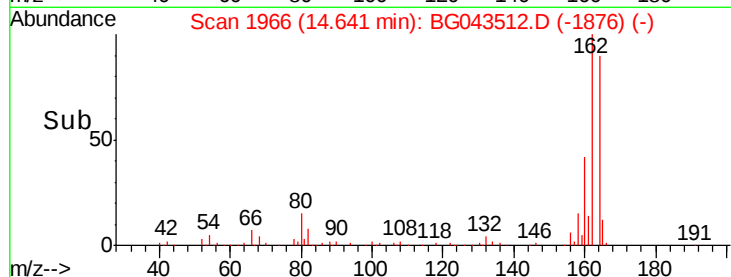
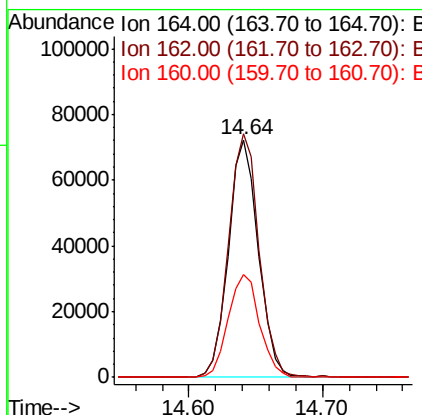
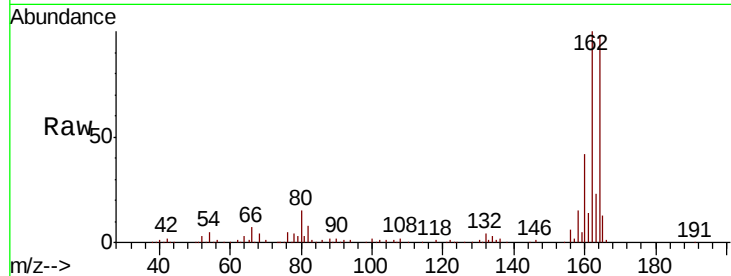
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.5	125.3
160	43.1	36.5	54.7

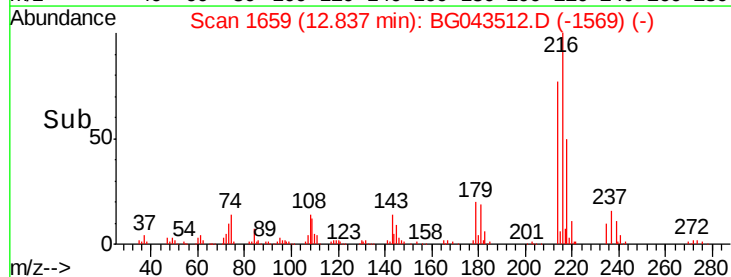
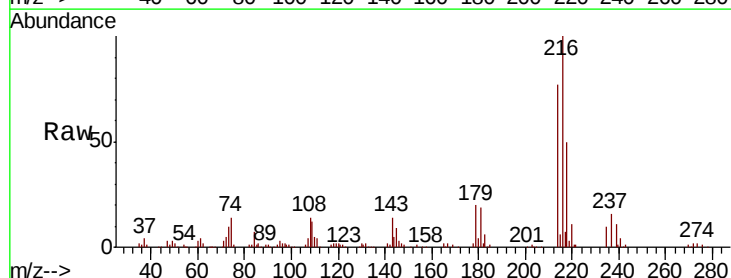
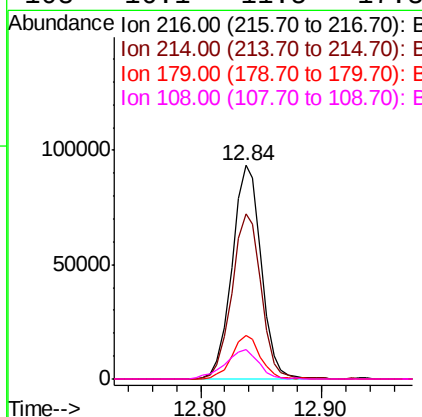
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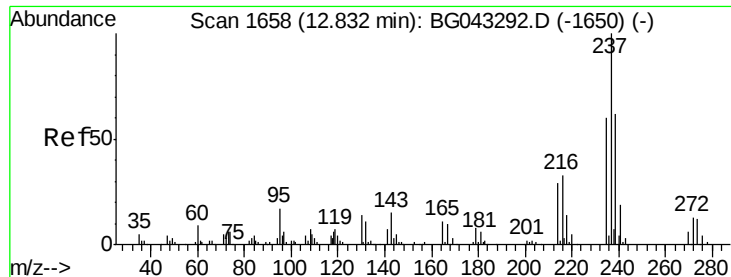
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.509 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.7	92.5
179	19.9	15.8	23.8
108	16.1	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 71.090 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

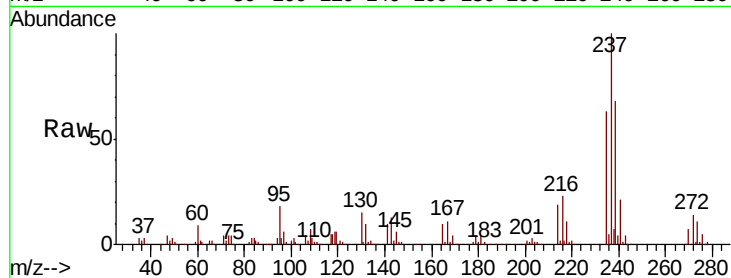
ClientSampleId :

SU-02-110119MSD

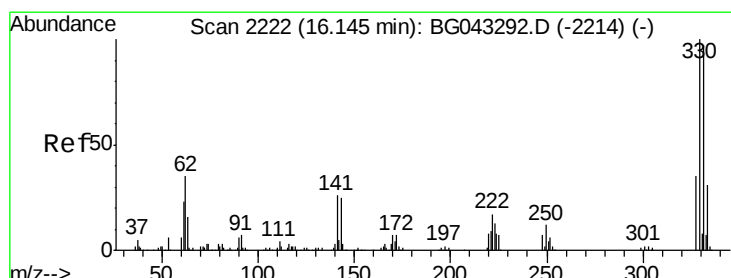
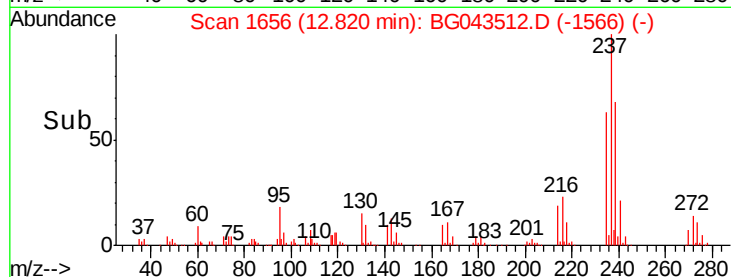
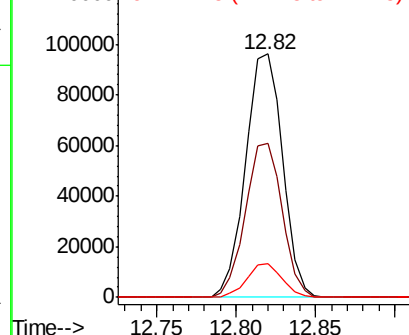
Tot Ion:	237	Resp:	156155
Ion Ratio	Lower	Upper	
237	100		
235	63.1	41.6	81.6
272	14.0	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 111.019 ng

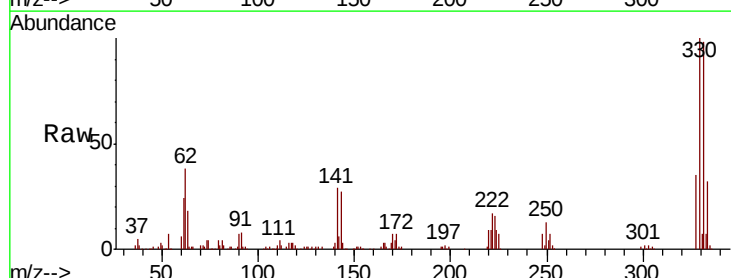
RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

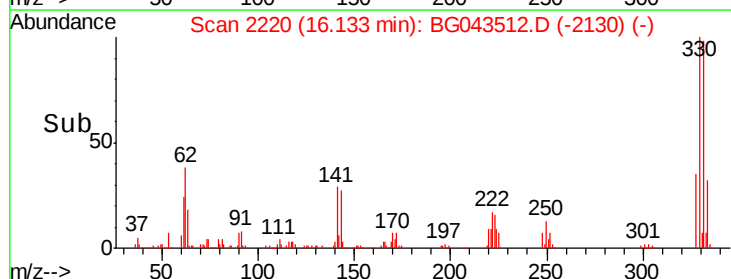
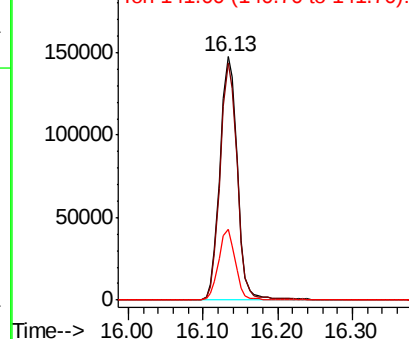
Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	330	Resp:	238712
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.0
141	28.0	22.8	34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





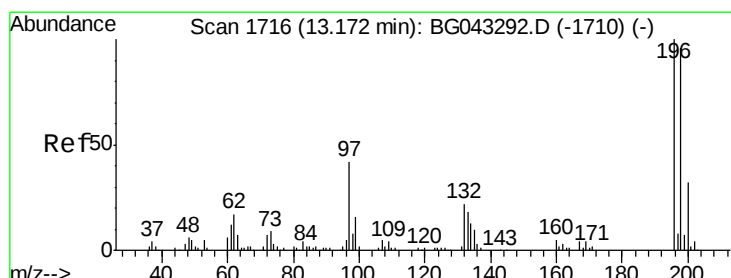
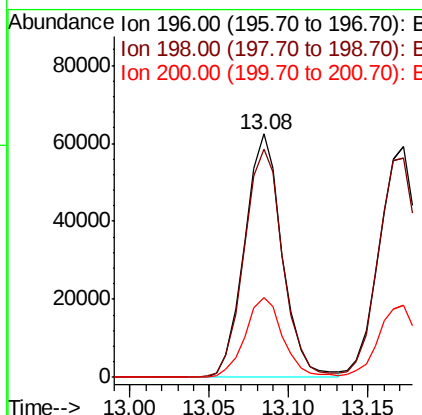
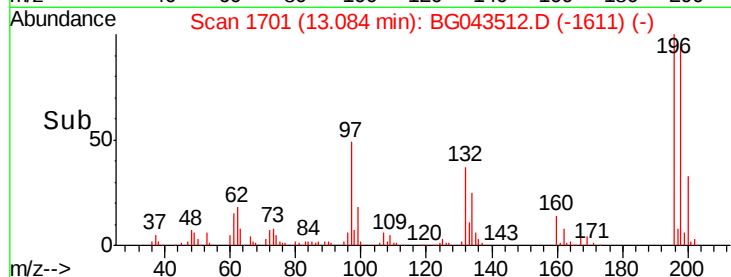
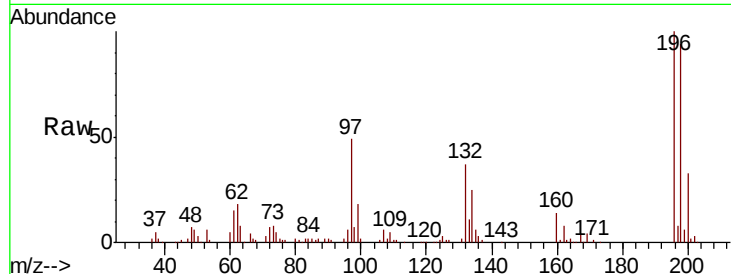
#43
 2,4,6-Trichlorophenol
 Concen: 41.700 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102689		
198	94.0	75.8	113.6	
200	32.7	23.9	35.9	

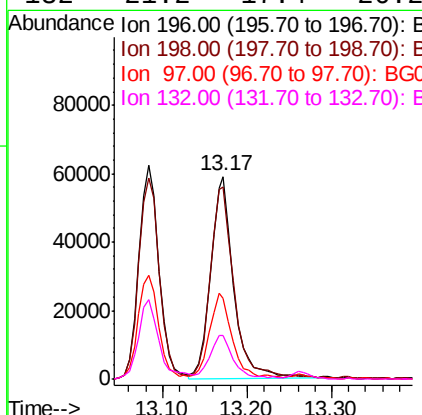
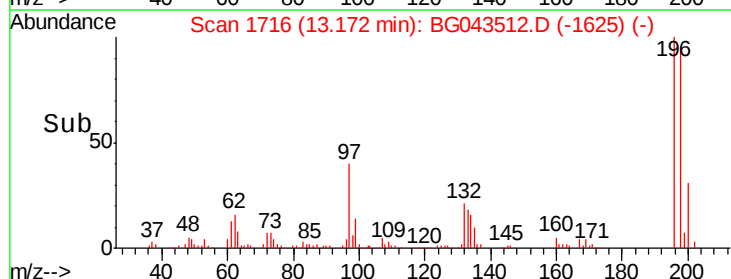
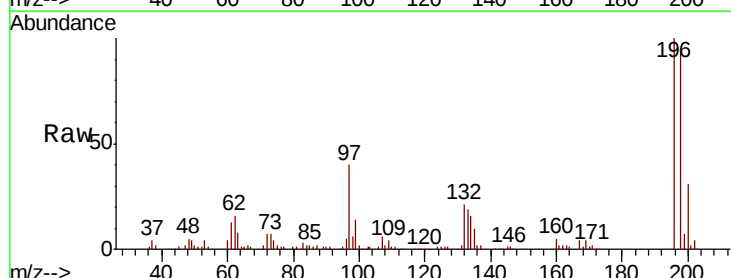
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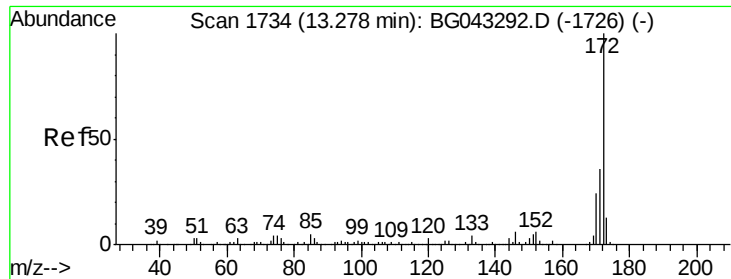
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#44
 2,4,5-Trichlorophenol
 Concen: 45.370 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112952		
198	94.9	74.5	111.7	
97	39.8	36.3	54.5	
132	21.2	17.4	26.2	





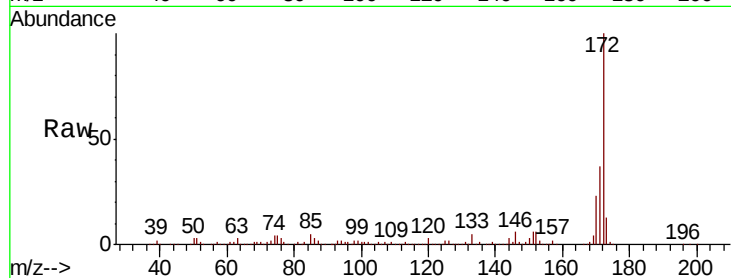
#45
2-Fluorobiphenyl
Concen: 69.865 ng
RT: 13.27 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	22.6	18.5	27.7

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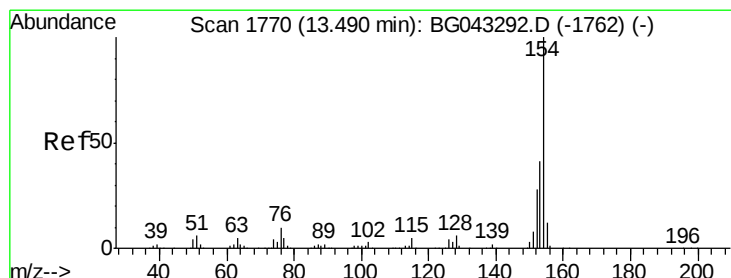
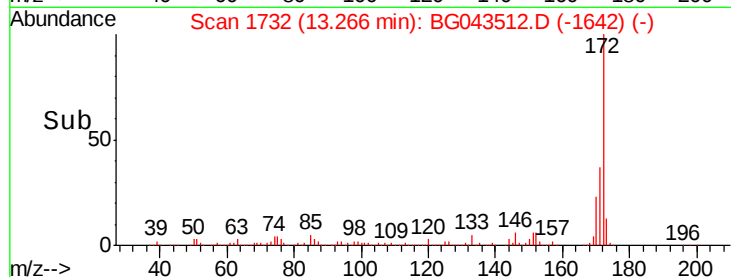
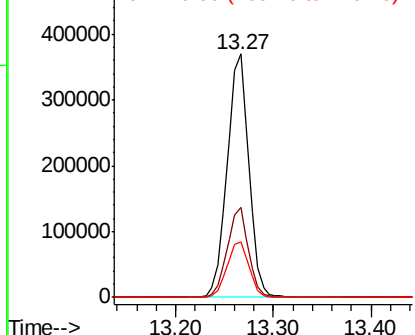


Abundance

Ion 172.00 (171.70 to 172.70): E

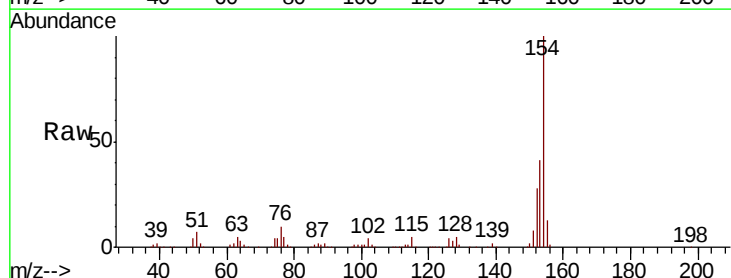
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.613 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.9	59.9
76	9.8	0.0	29.4

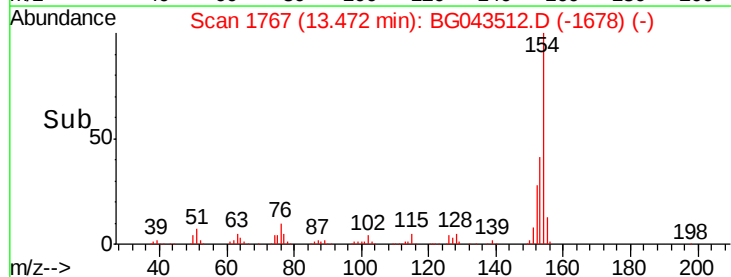
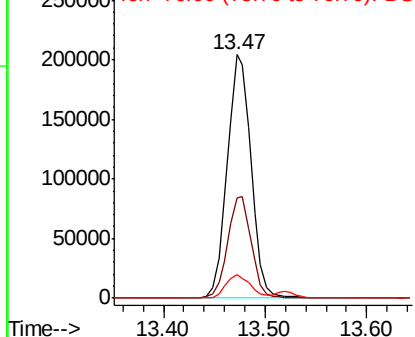


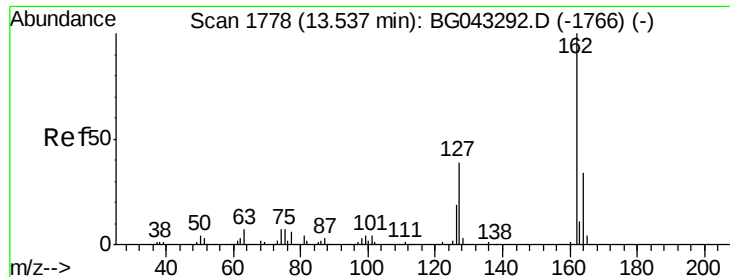
Abundance

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





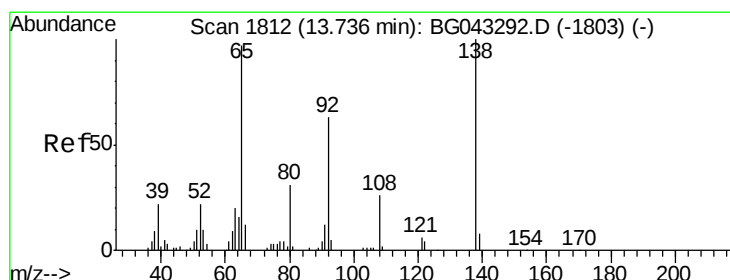
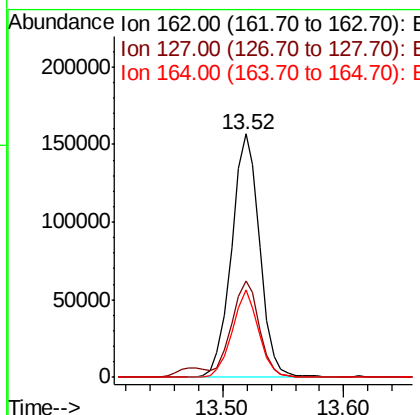
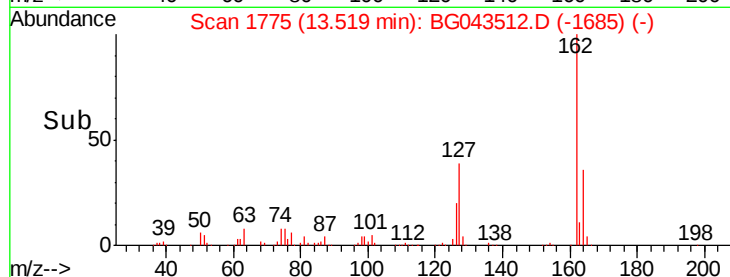
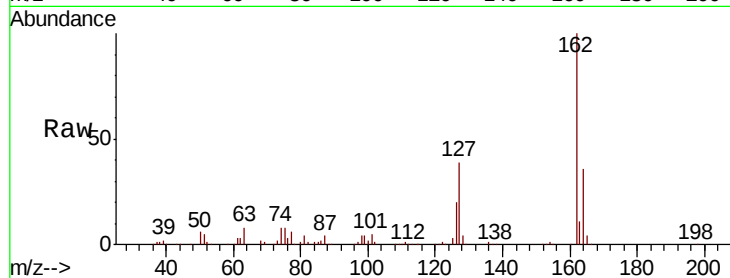
#47
2-Chloronaphthalene
Concen: 38.838 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.2	46.8
164	35.8	25.8	38.8

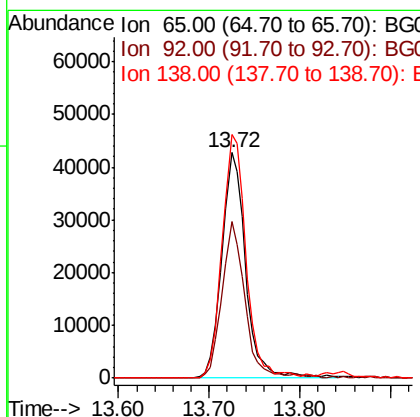
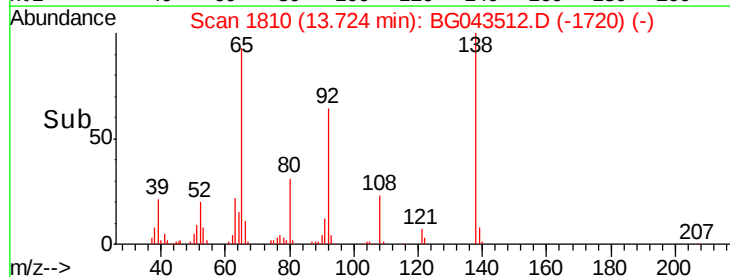
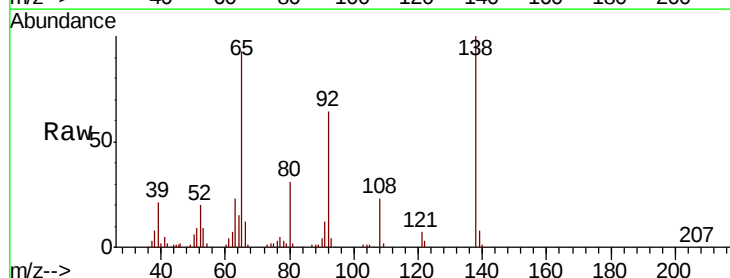
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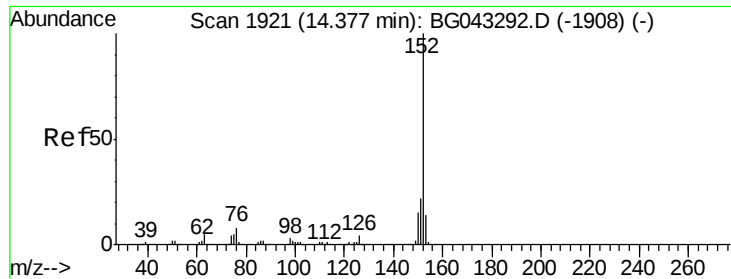
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#48
2-Nitroaniline
Concen: 39.974 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	56.2	84.2
138	108.0	82.6	123.8





#49

Acenaphthylene

Concen: 41.604 ng

RT: 14.36 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

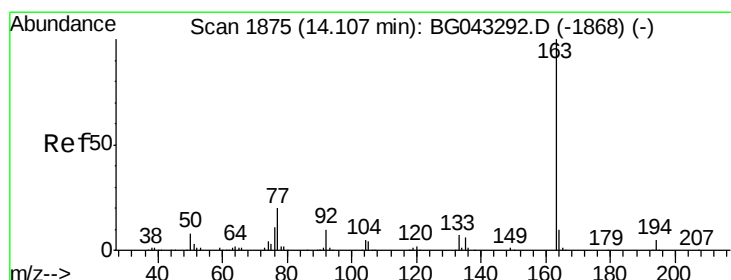
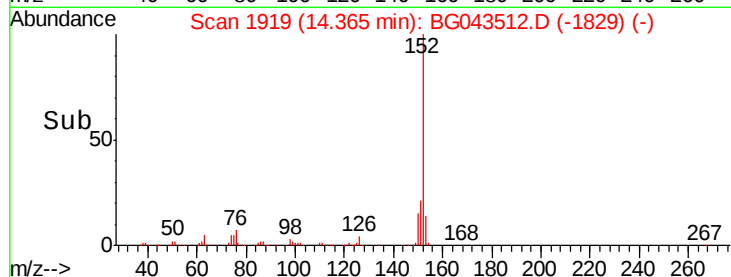
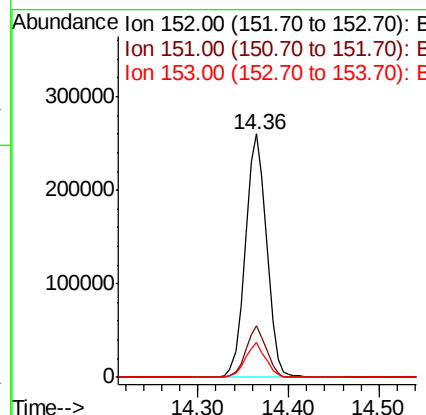
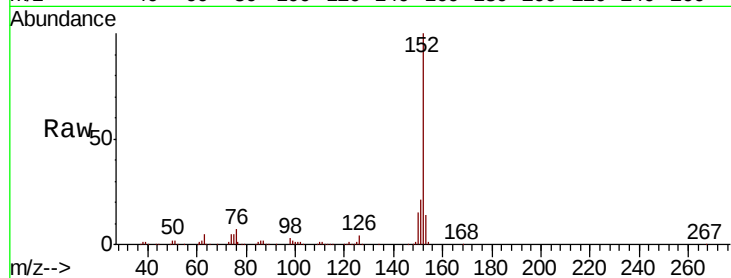
ClientSampleId :

SU-02-110119MSD

Tot Ion:	152	Resp:	423473
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.2	24.4
153	14.3	10.6	15.8

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#50

Dimethylphthalate

Concen: 43.811 ng

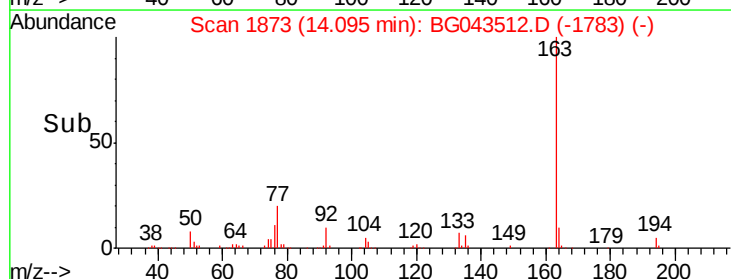
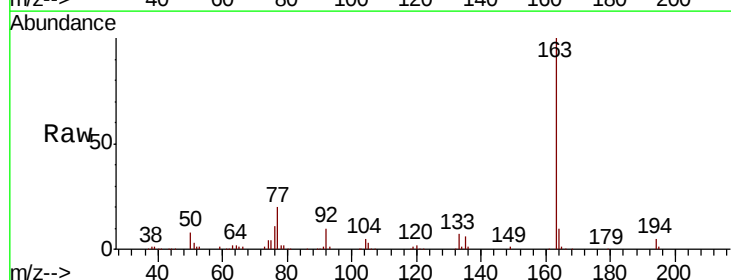
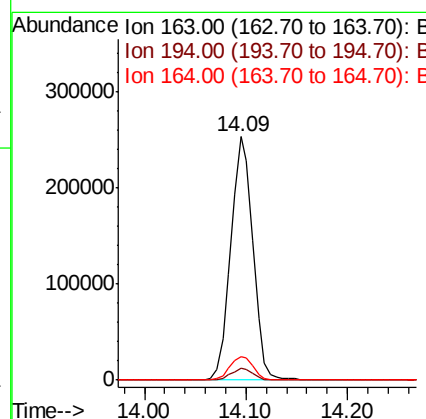
RT: 14.09 min Scan# 1873

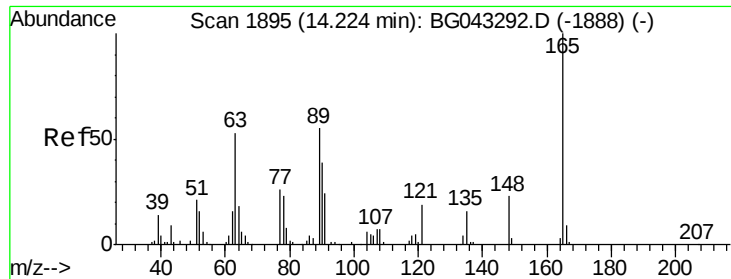
Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	163	Resp:	383425
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.6
164	9.8	8.9	13.3





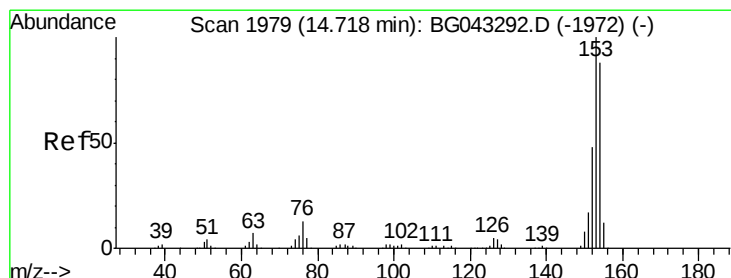
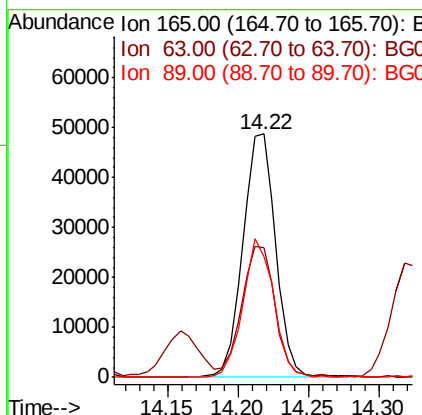
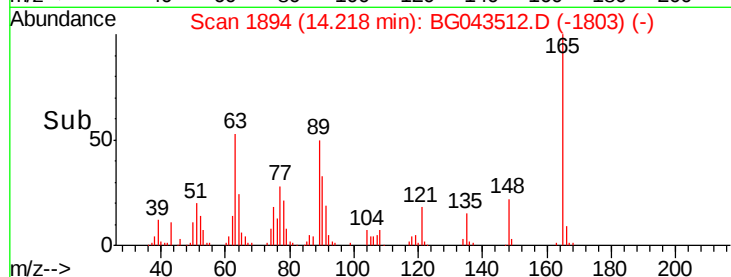
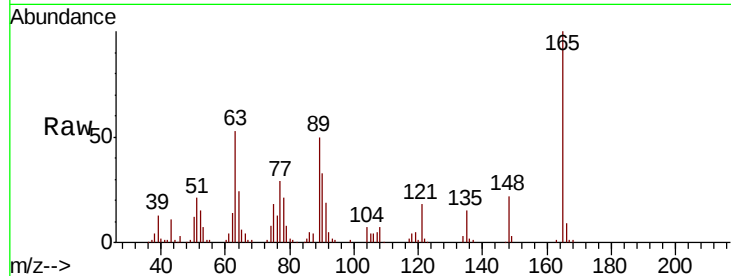
#51
 2,6-Dinitrotoluene
 Concen: 41.706 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	46.6	69.8
89	49.8	45.1	67.7

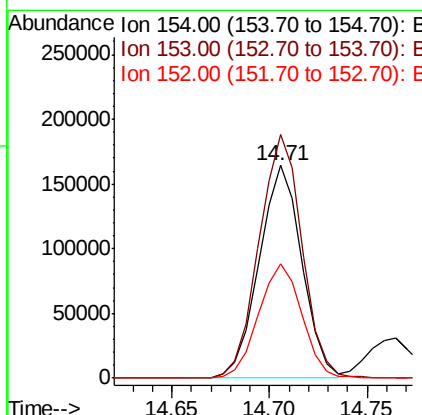
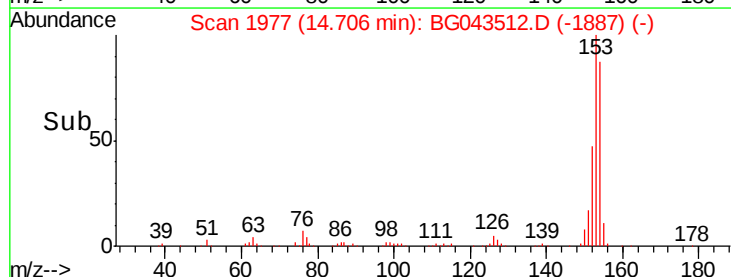
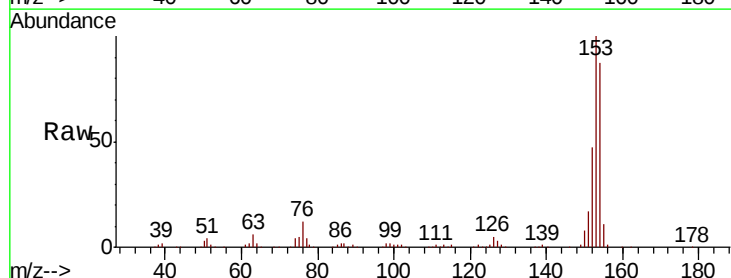
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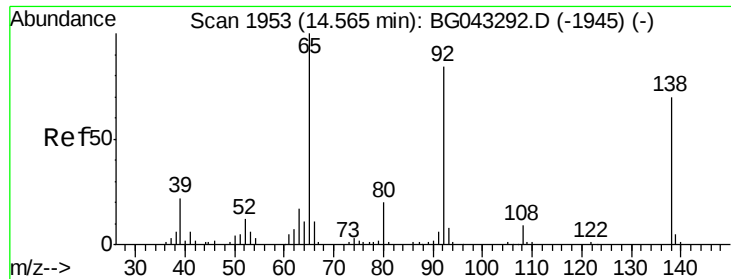
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#52
 Acenaphthene
 Concen: 40.072 ng
 RT: 14.71 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.2	132.2
152	54.0	40.0	60.0





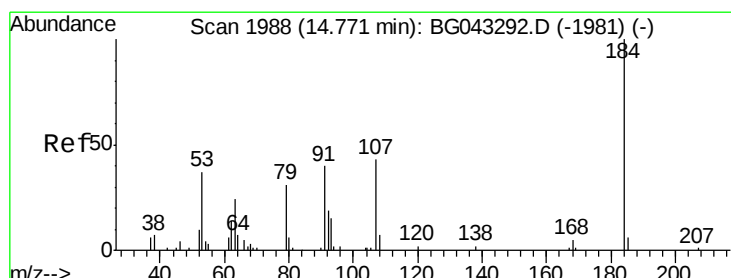
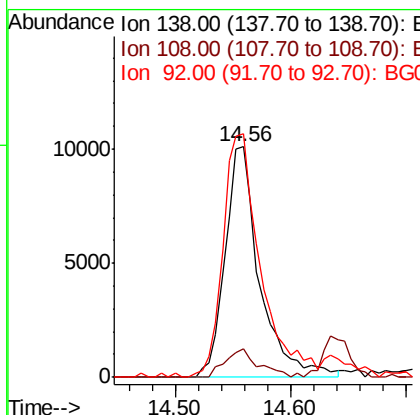
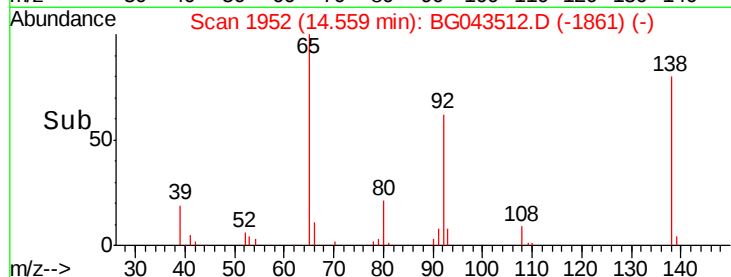
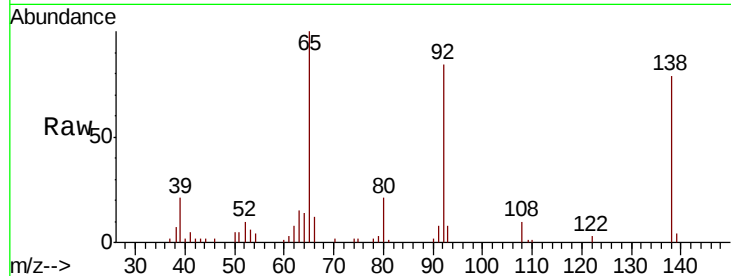
#53
3-Nitroaniline
Concen: 11.447 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	8.0	12.0
92	105.7	90.9	136.3

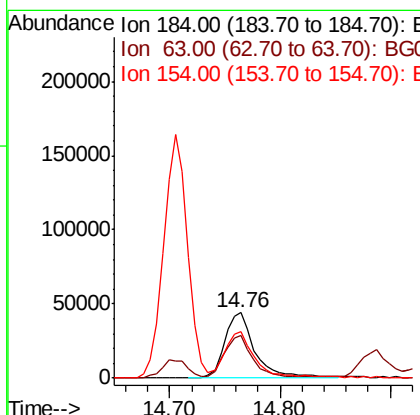
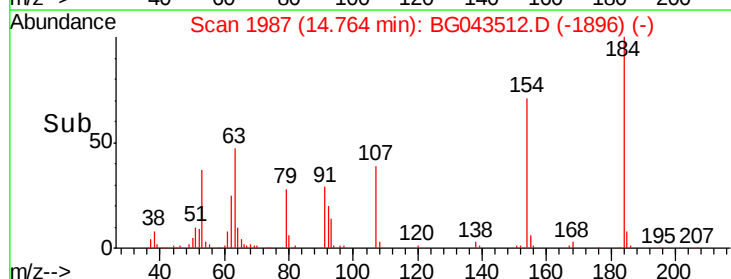
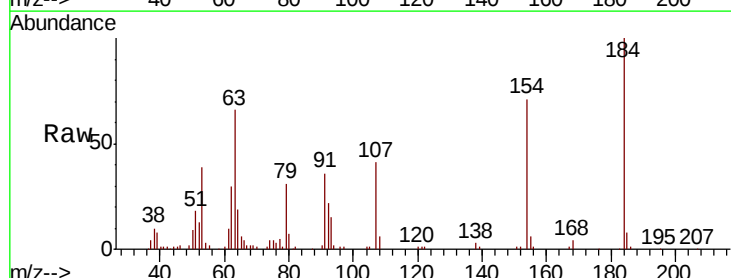
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#54
2,4-Dinitrophenol
Concen: 72.887 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	51.3	76.9
154	70.8	55.4	83.0





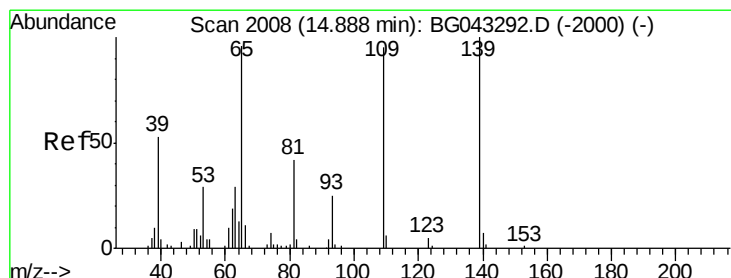
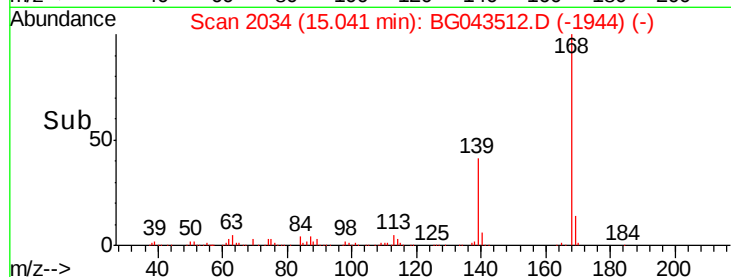
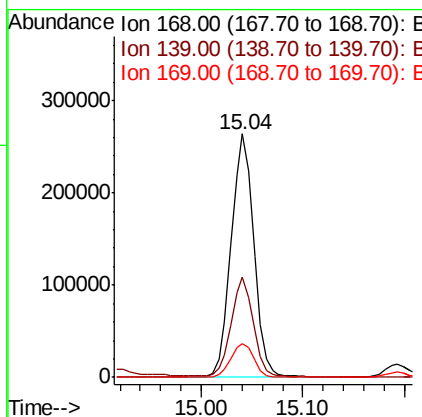
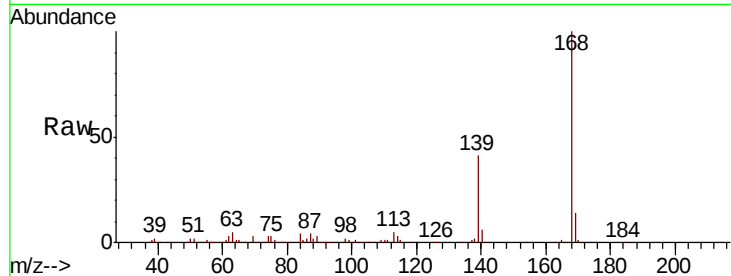
#55
Dibenzofuran
Concen: 40.881 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	31.0	46.6
169	14.0	11.7	17.5

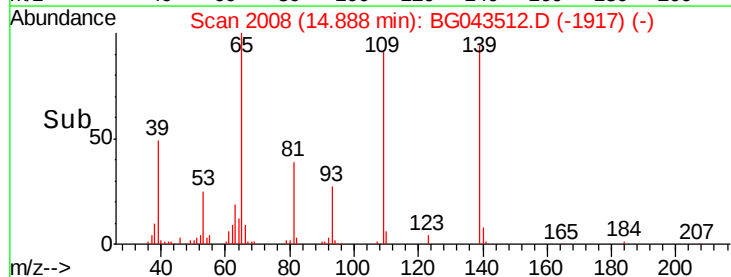
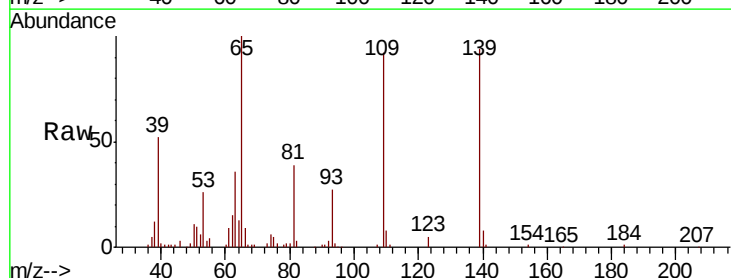
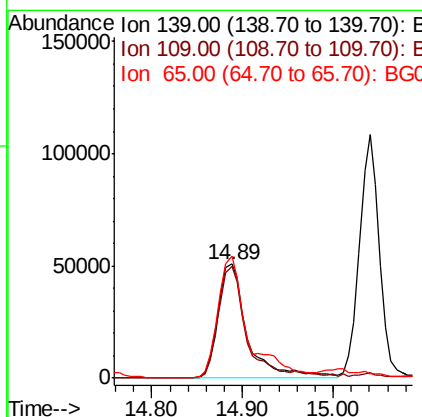
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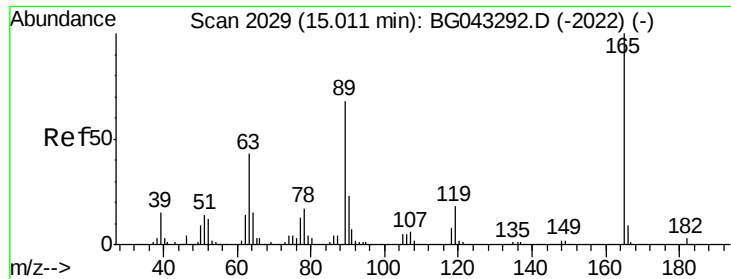
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#56
4-Nitrophenol
Concen: 93.206 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.7	87.2	127.2
65	106.7	83.8	123.8





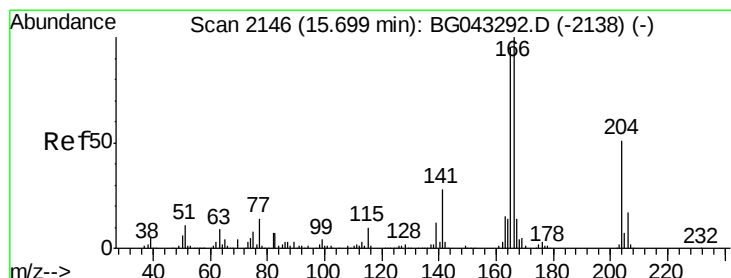
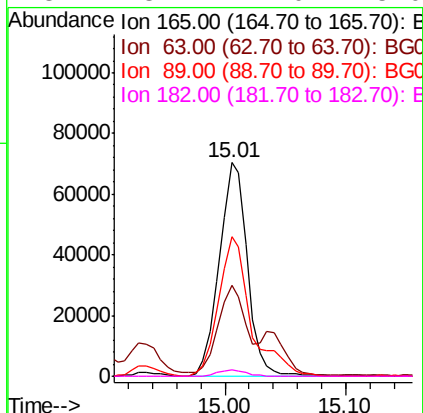
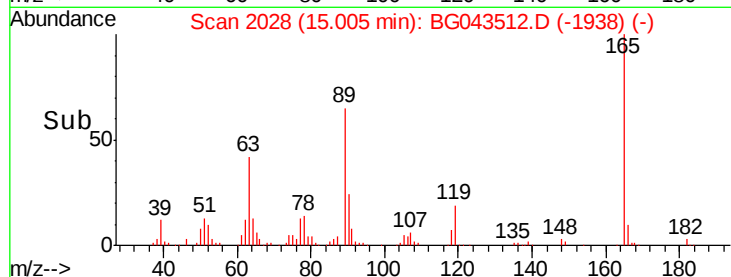
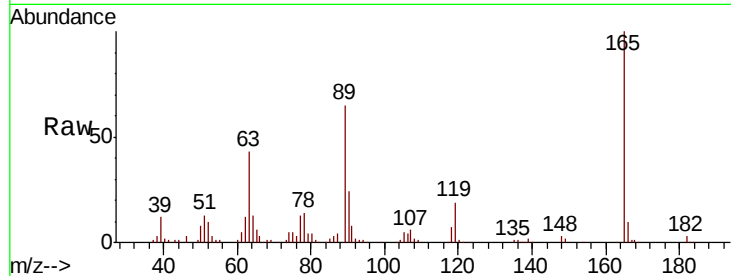
#57
2,4-Dinitrotoluene
Concen: 41.671 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	33.2	49.8
89	65.1	52.2	78.4
182	3.2	2.0	3.0#

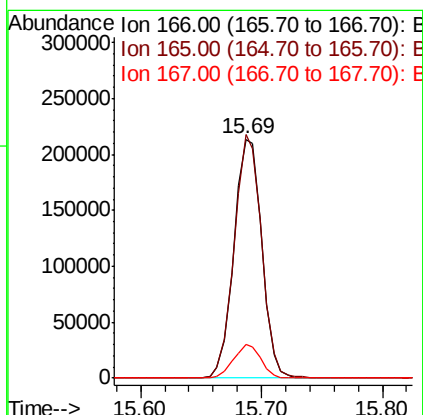
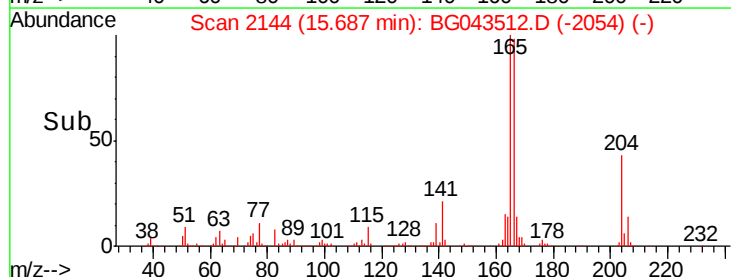
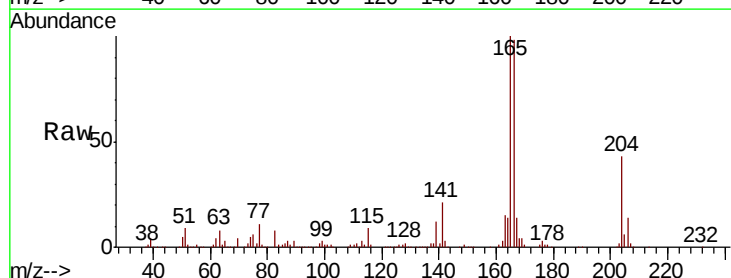
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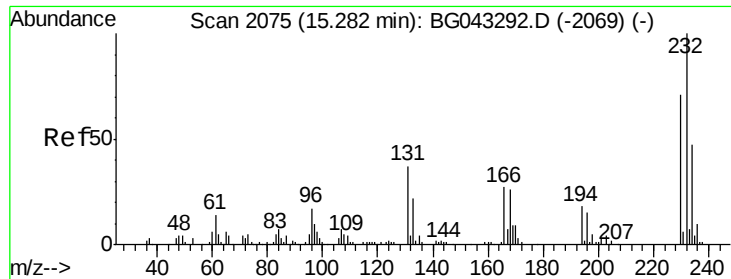
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#58
Fluorene
Concen: 40.720 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.0	118.6
167	14.0	10.5	15.7





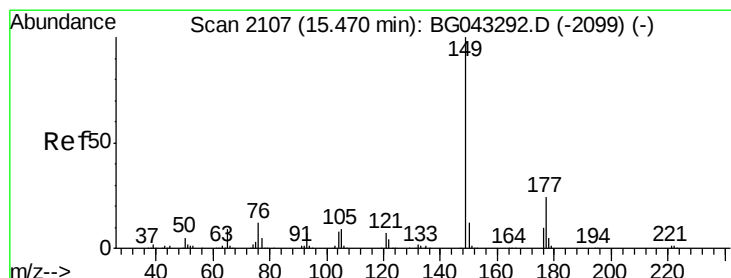
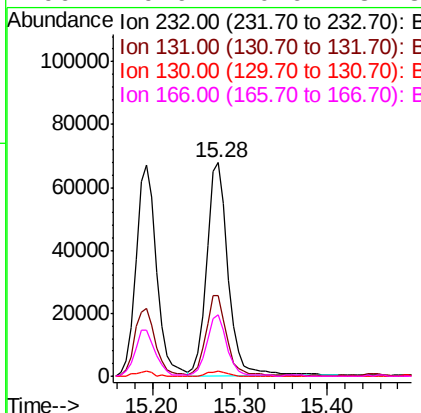
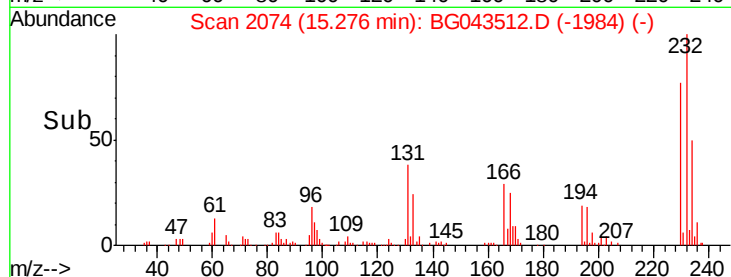
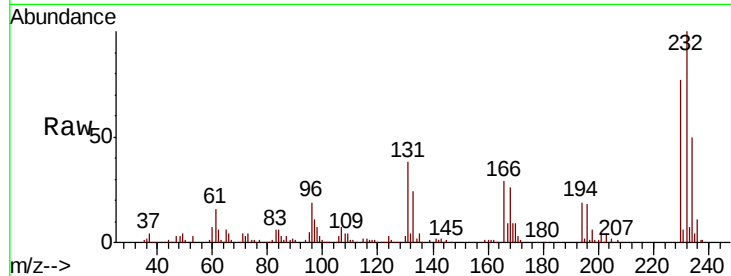
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.636 ng
RT: 15.28 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	36.2	26.9	40.3	
130	2.2	1.8	2.6	
166	26.6	20.9	31.3	

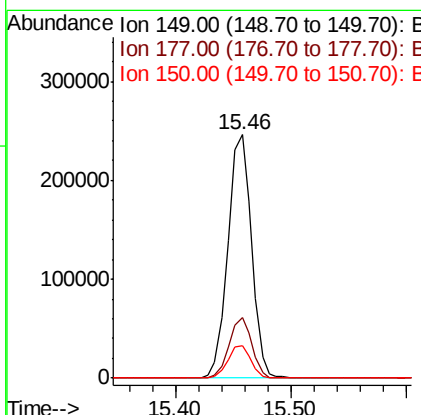
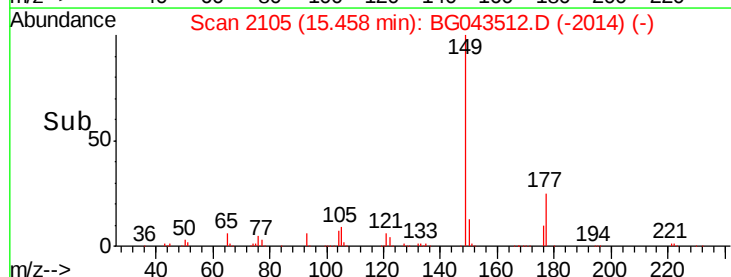
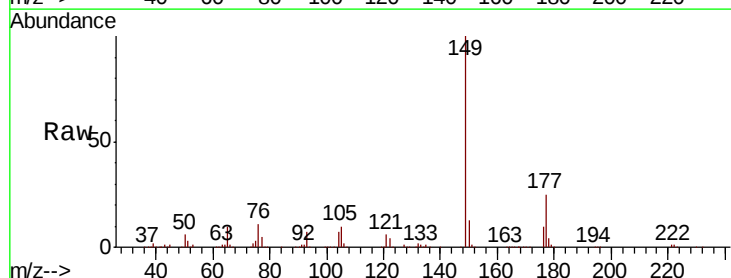
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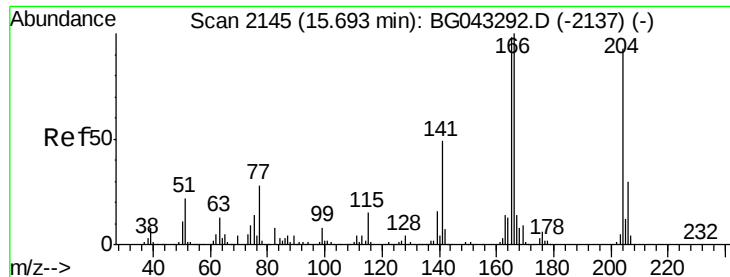
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#60
Diethylphthalate
Concen: 39.688 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.9	19.6	29.4	
150	13.2	10.8	16.2	





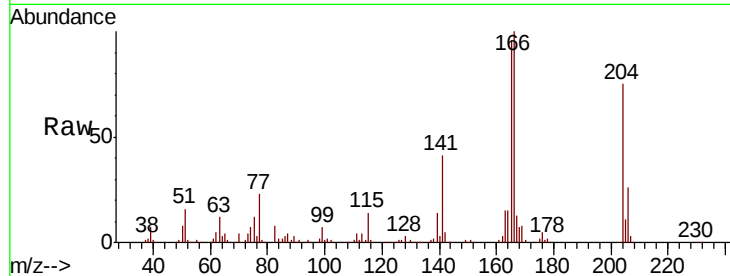
#61
4-Chlorophenyl-phenylether
Concen: 39.927 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.4	42.6
141	54.9	43.0	64.6

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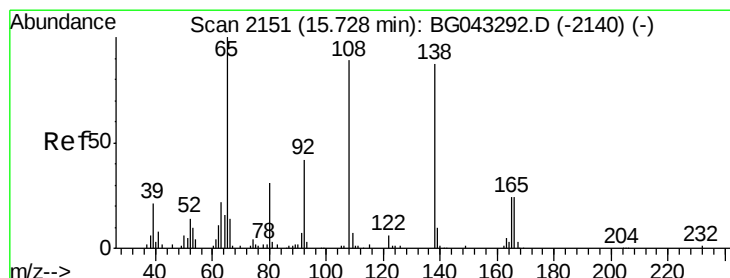
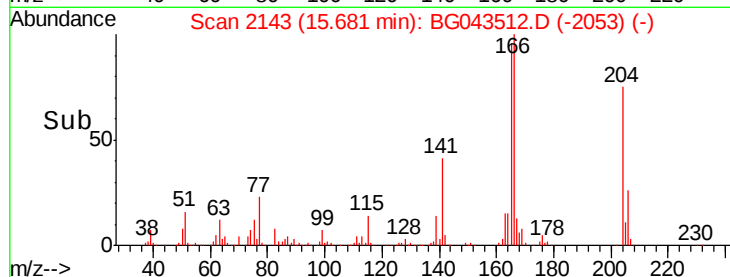
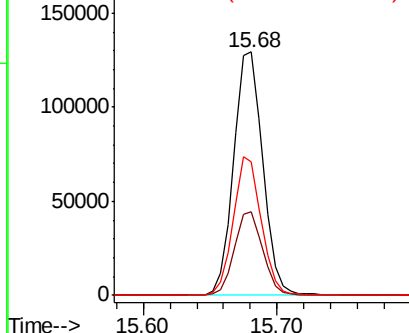


Abundance

Ion 204.00 (203.70 to 204.70): E

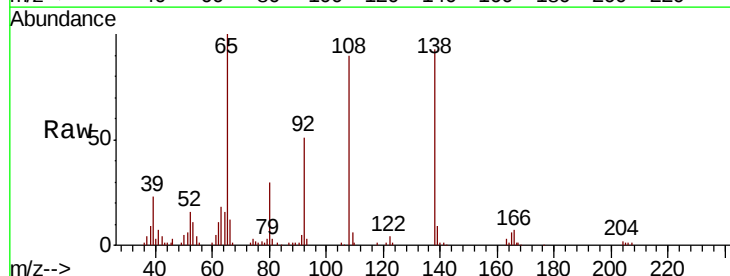
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.722 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	33.4	73.4
108	96.9	78.0	118.0

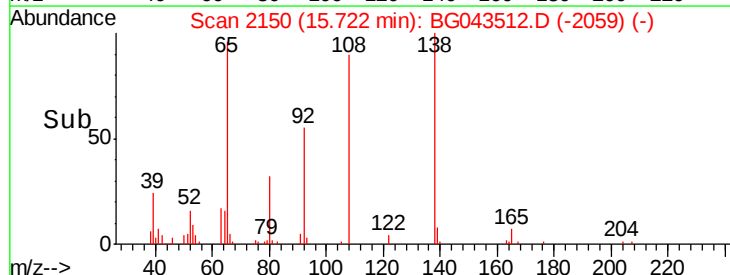
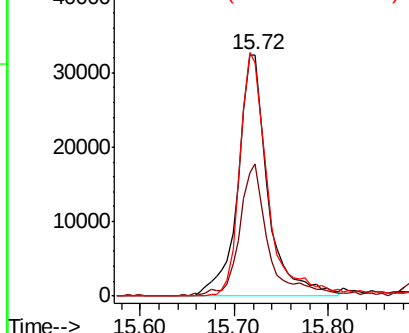


Abundance

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





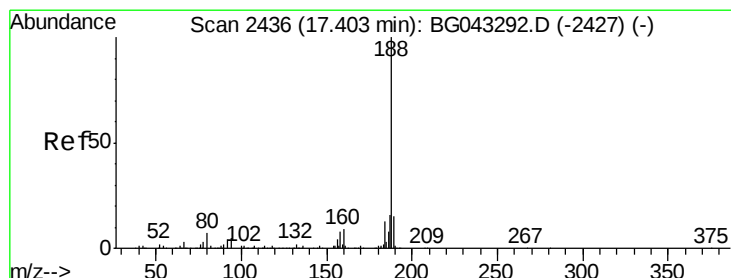
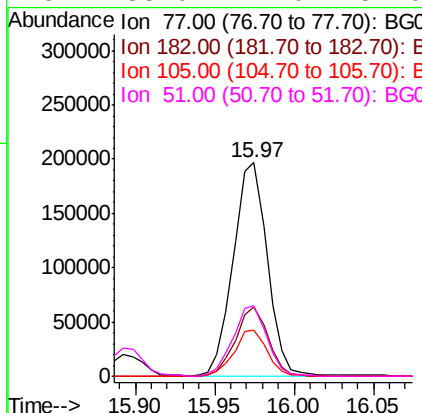
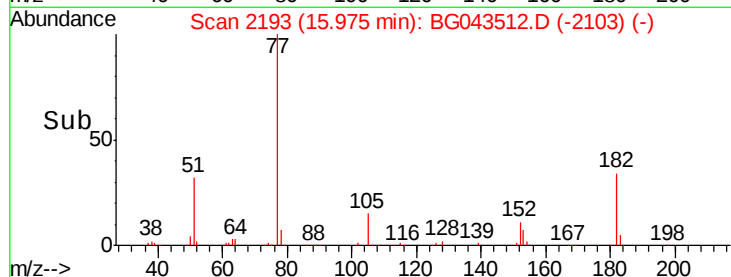
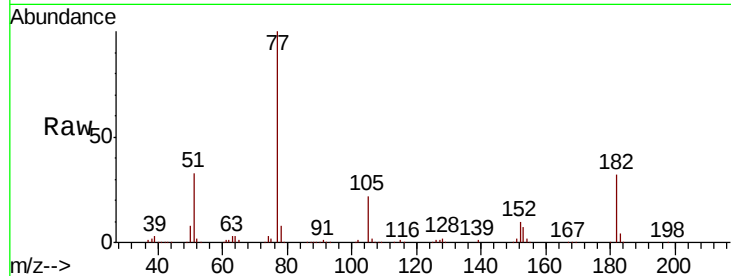
#63
Azobenzene
Concen: 41.103 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.3	13.7	53.7	
105	21.6	0.4	40.4	
51	33.0	11.0	51.0	

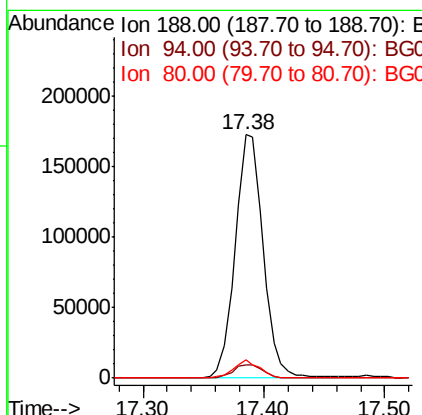
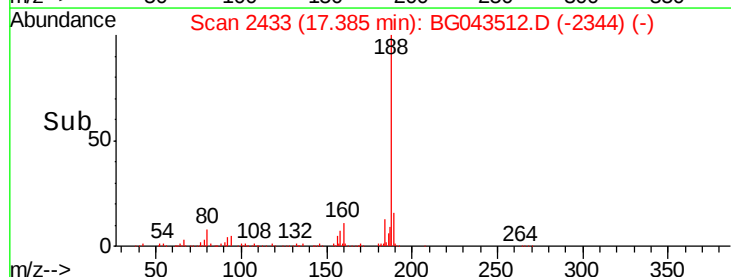
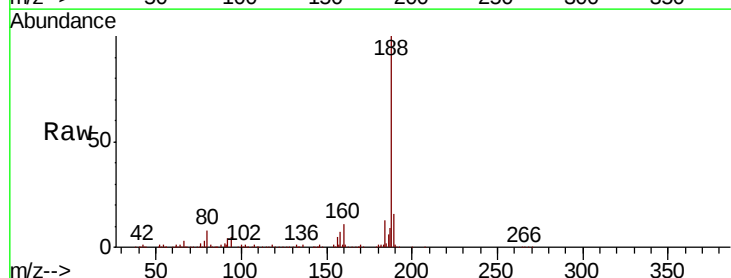
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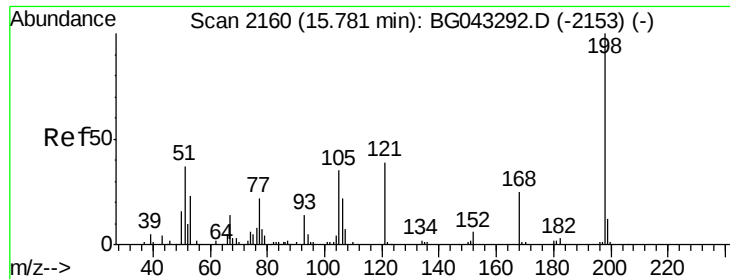
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.3	4.2	6.4	
80	7.7	4.5	6.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.158 ng

RT: 15.77 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

ClientSampleId :

SU-02-110119MSD

Tot Ion:198 Resp: 70906

Ion Ratio Lower Upper

198 100

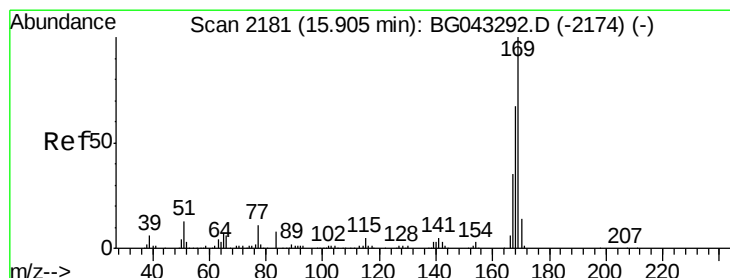
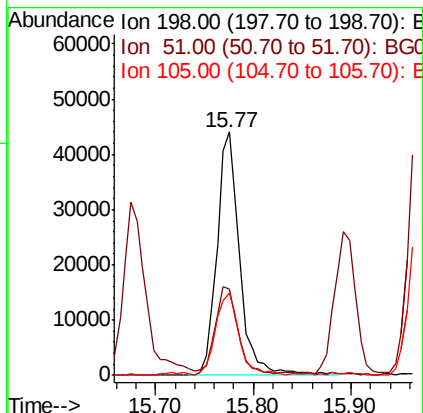
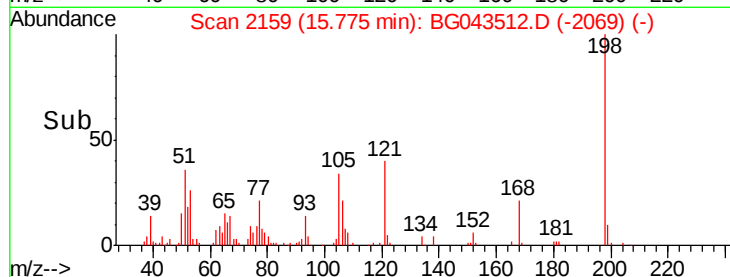
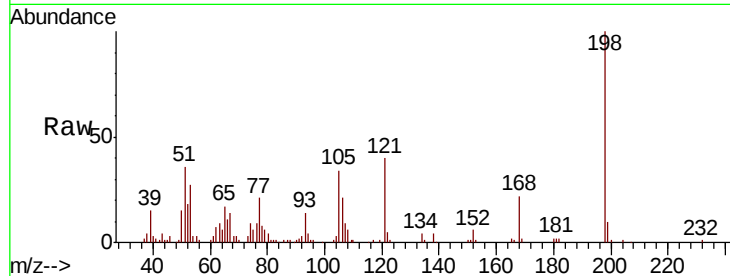
51 35.6 13.2 53.2

105 33.9 15.8 55.8

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#66

n-Nitrosodiphenylamine

Concen: 39.379 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

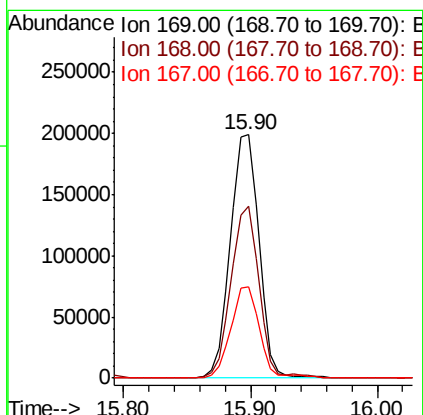
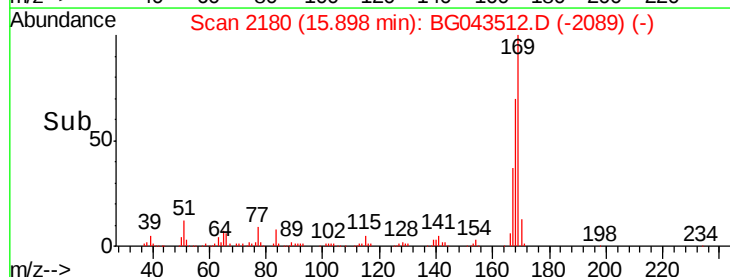
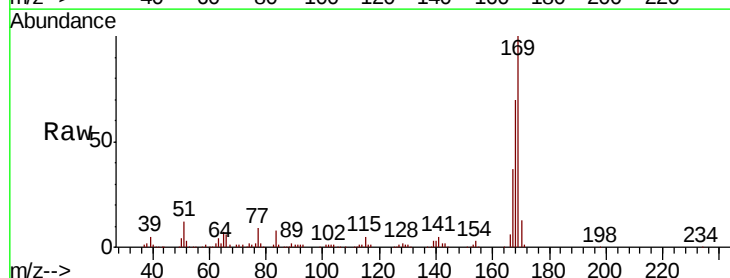
Tgt Ion:169 Resp: 310383

Ion Ratio Lower Upper

169 100

168 70.5 53.8 80.6

167 37.4 27.5 41.3





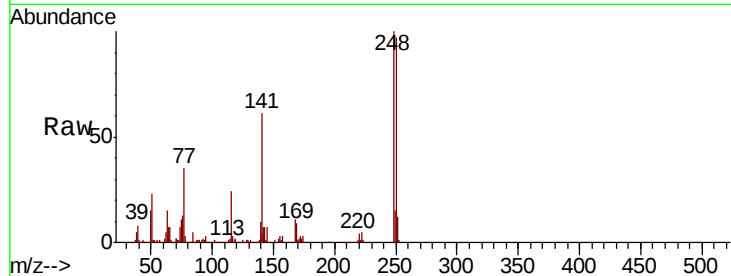
#67
4-Bromophenyl-phenylether
Concen: 37.517 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

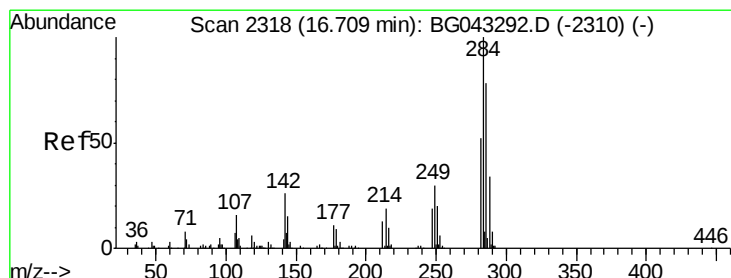
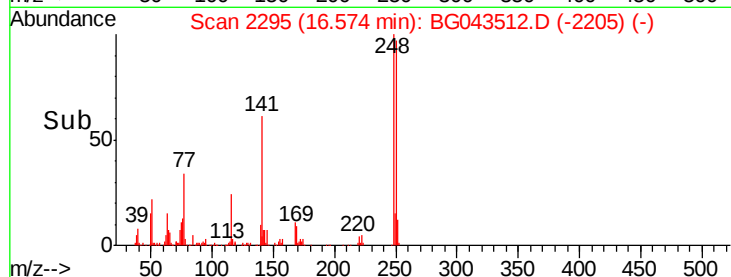
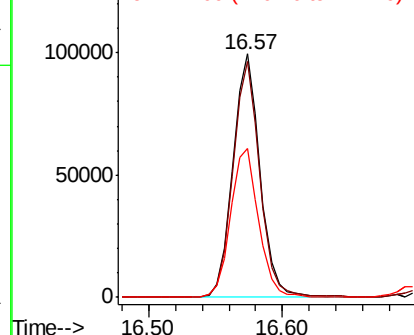
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.4
141	61.3	47.5	71.3

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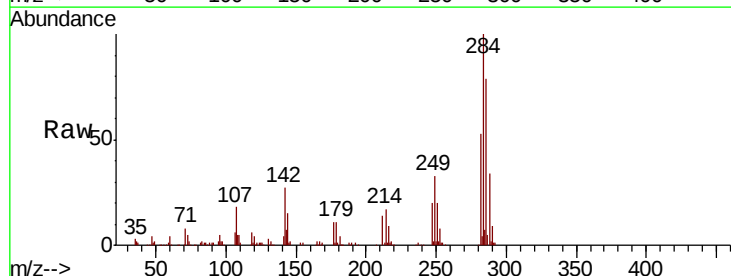


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

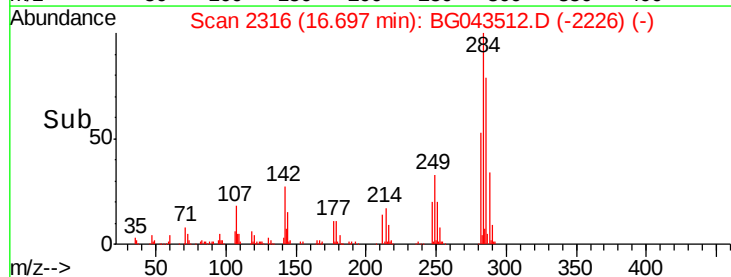
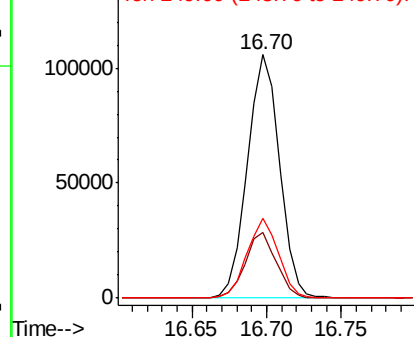


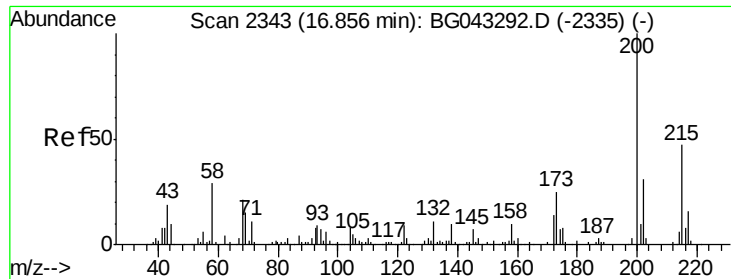
#68
Hexachlorobenzene
Concen: 36.505 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	19.8	29.8
249	32.6	23.8	35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





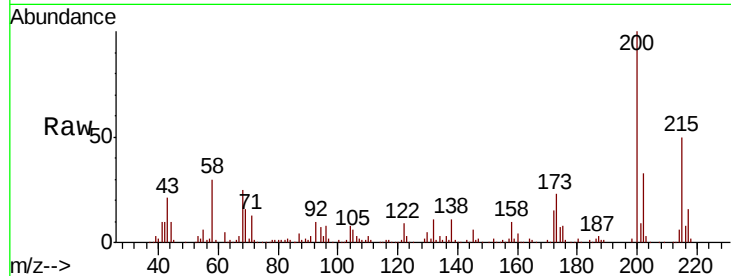
#69
 Atrazine
 Concen: 50.292 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

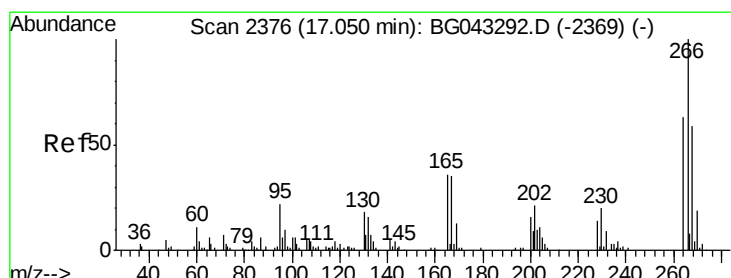
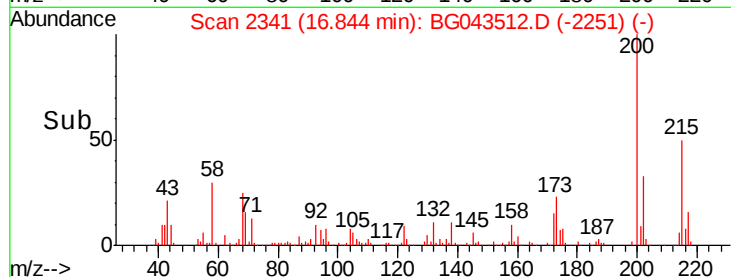
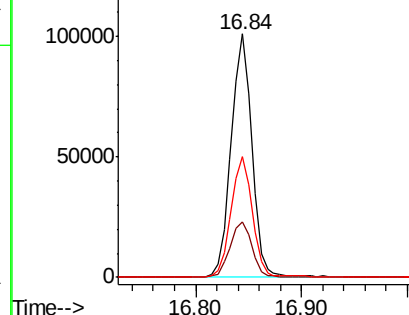
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	4.7	44.7
215	49.8	28.5	68.5

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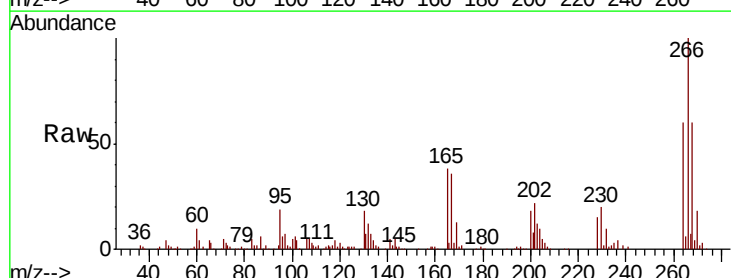


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

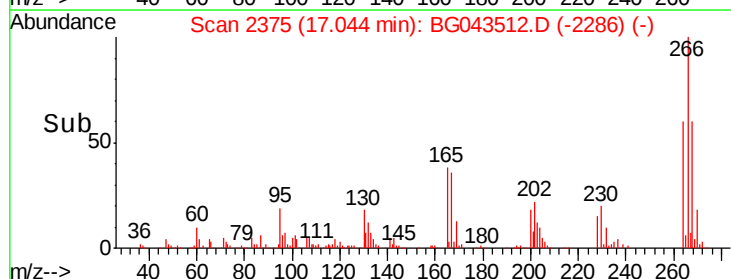
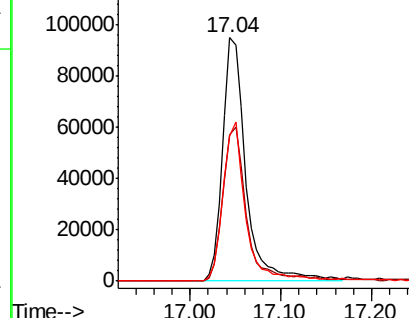


#70
 Pentachlorophenol
 Concen: 85.896 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	60.2	50.4	75.6
264	59.5	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





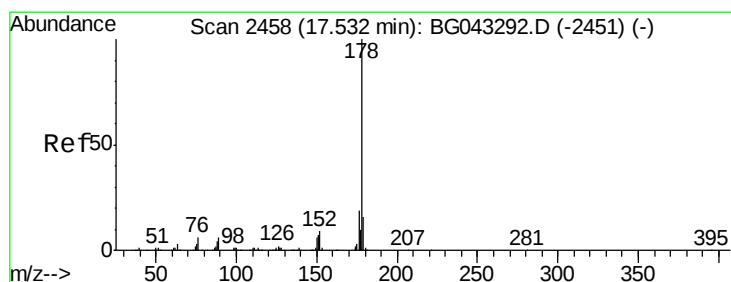
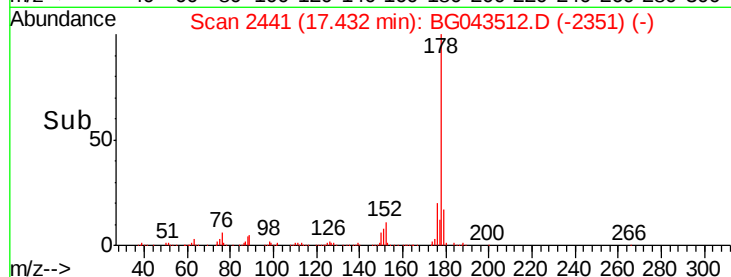
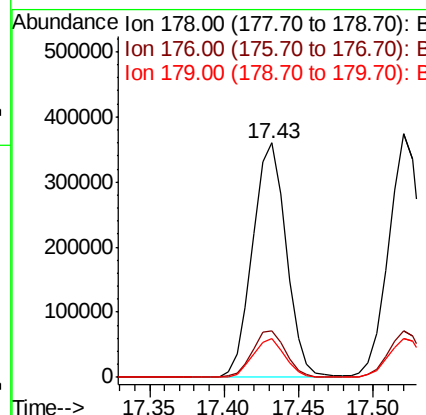
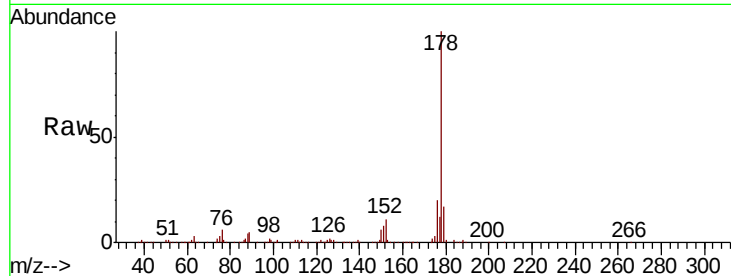
#71
Phenanthrene
Concen: 39.165 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	16.8	13.0	19.6

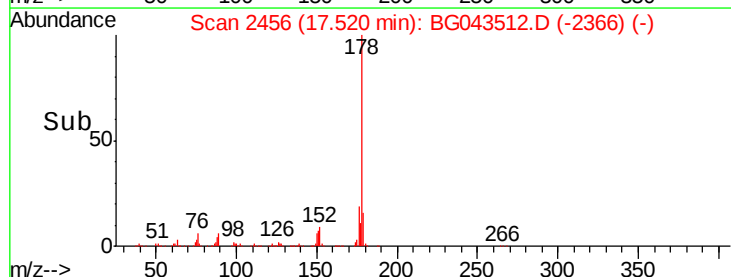
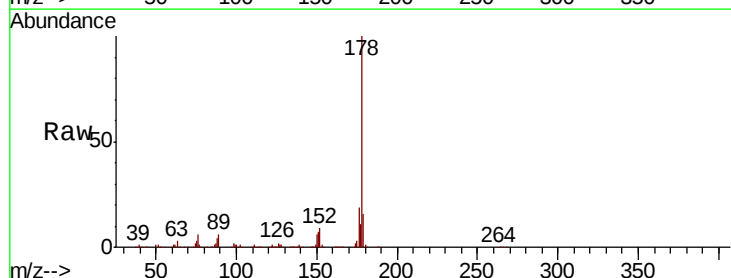
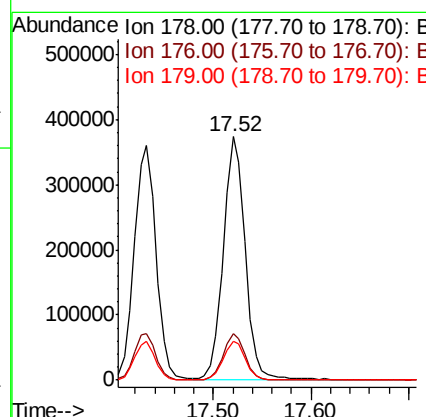
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#72
Anthracene
Concen: 40.491 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.2	13.7	20.5





#73

Carbazole

Concen: 40.545 ng

RT: 17.80 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

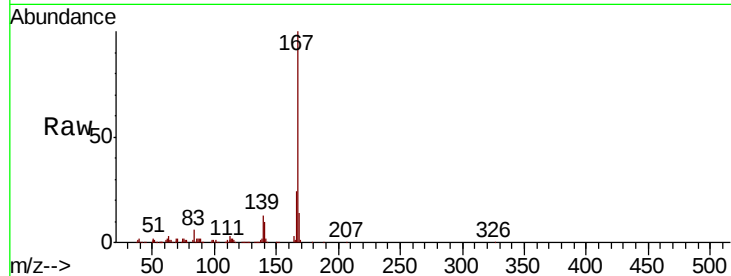
ClientSampleId :

SU-02-110119MSD

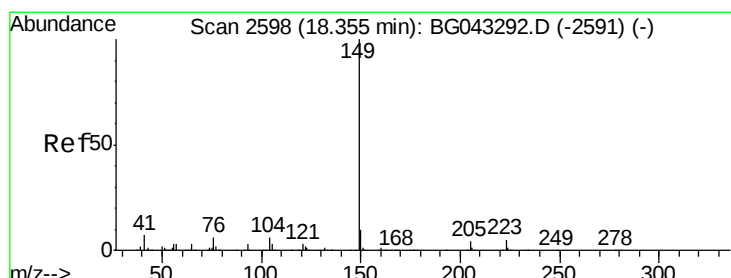
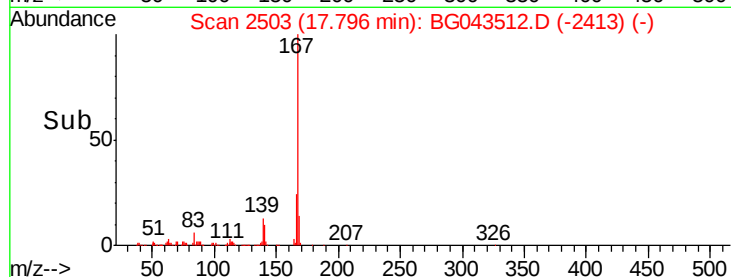
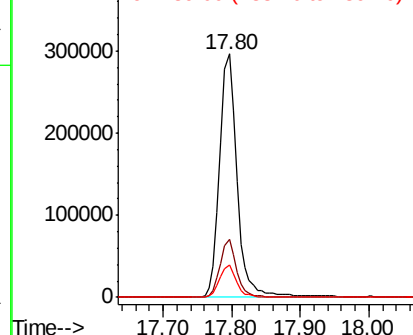
Tot Ion:	167	Resp:	525162
Ion Ratio	Lower	Upper	
167	100		
166	23.7	18.7	28.1
139	13.2	10.0	15.0

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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: 40.395 ng

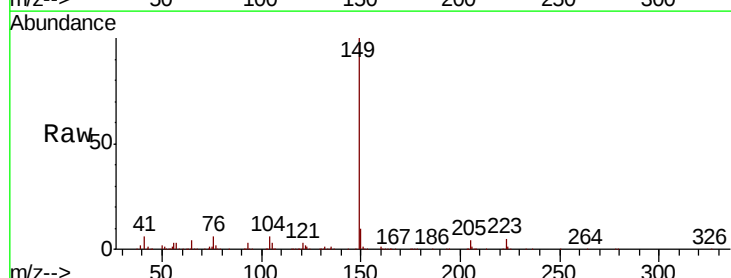
RT: 18.34 min Scan# 2596

Delta R.T. 0.00 min

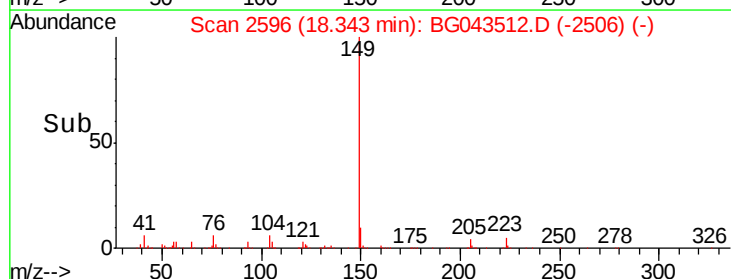
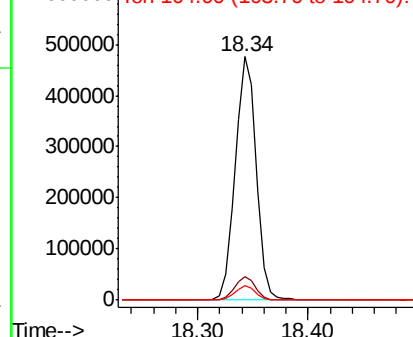
Lab File: BG043512.D

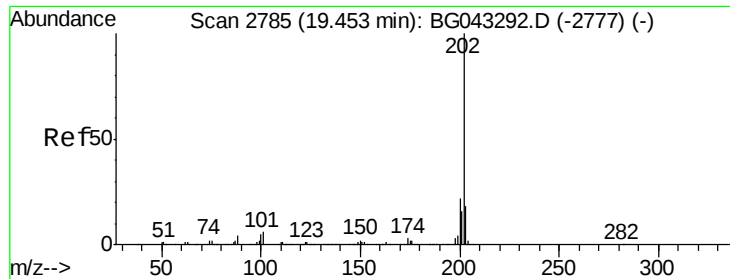
Acq: 5 Nov 2019 17:50

Tgt Ion:	149	Resp:	634861
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	6.0	4.4	6.6



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: 40.065 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

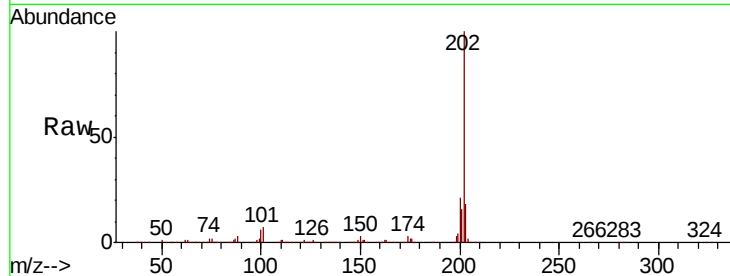
ClientSampleId :

SU-02-110119MSD

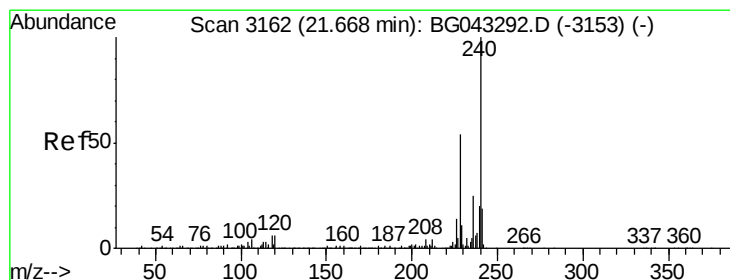
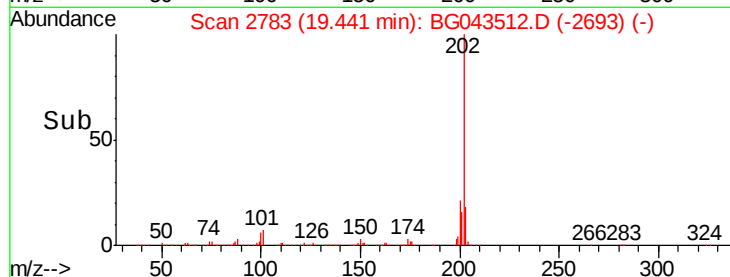
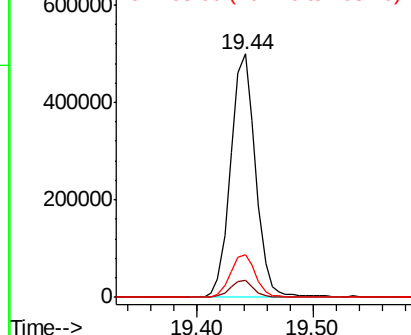
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		746704		
101	6.8	0.0	26.3		
203	17.7	0.0	37.9		

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



#76

Chrysene-d12

Concen: 20.000 ng

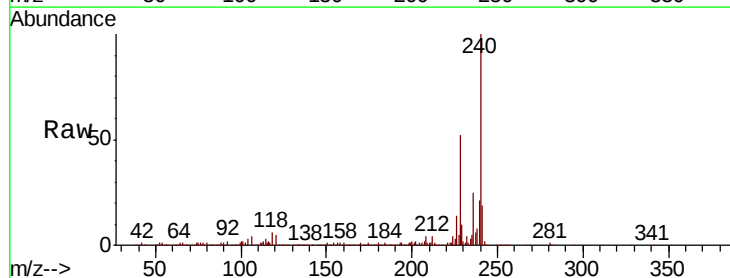
RT: 21.66 min Scan# 3160

Delta R.T. 0.00 min

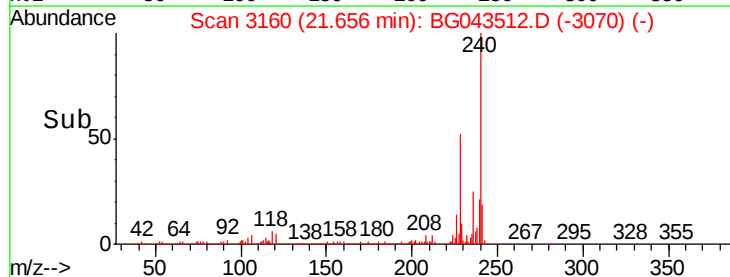
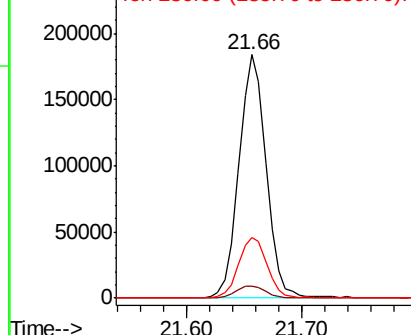
Lab File: BG043512.D

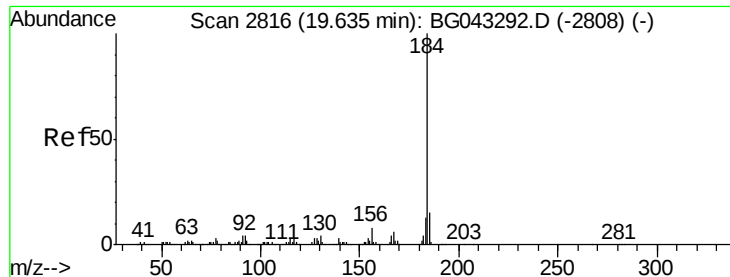
Acq: 5 Nov 2019 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		300905		
120	5.1	4.6	6.8		
236	25.0	19.8	29.8		



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





#77

Benzidine

Concen: 4.736 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

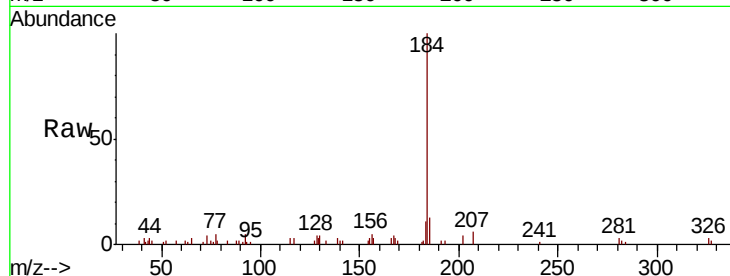
ClientSampleId :

SU-02-110119MSD

Tot Ion:	184	Resp:	28683
Ion Ratio	Lower	Upper	
184	100		
185	13.2	11.0	16.4
183	11.5	10.0	15.0

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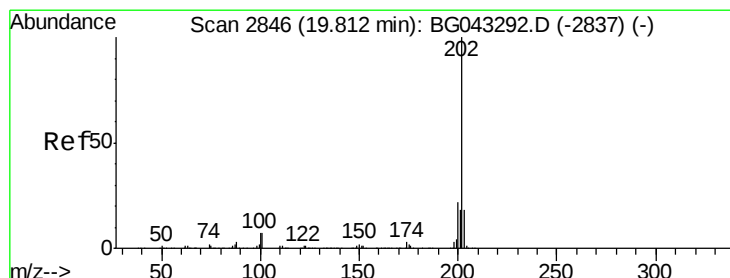
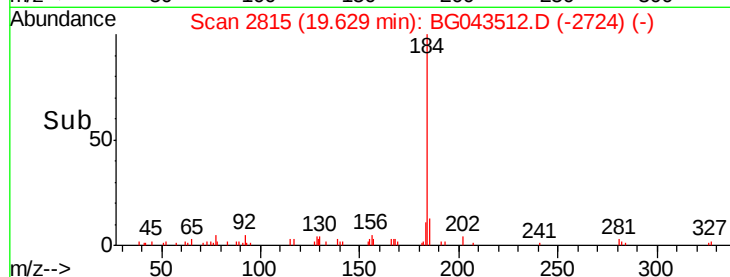
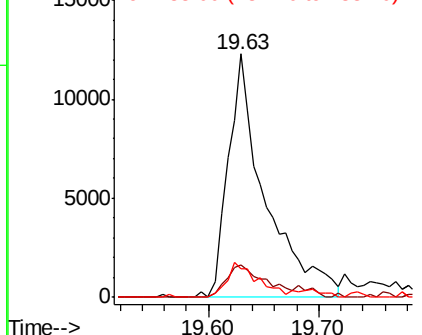


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.766 ng

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

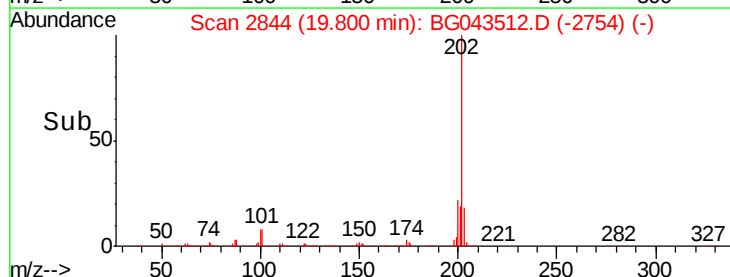
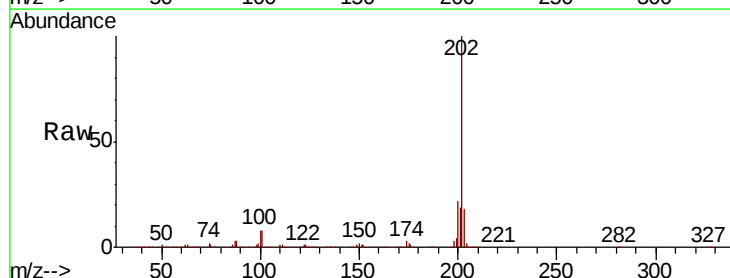
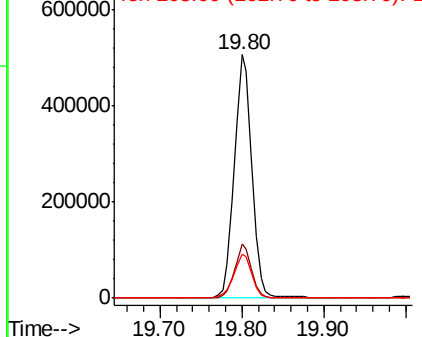
Tgt Ion:	202	Resp:	759286
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.0	25.4
203	17.9	14.7	22.1

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





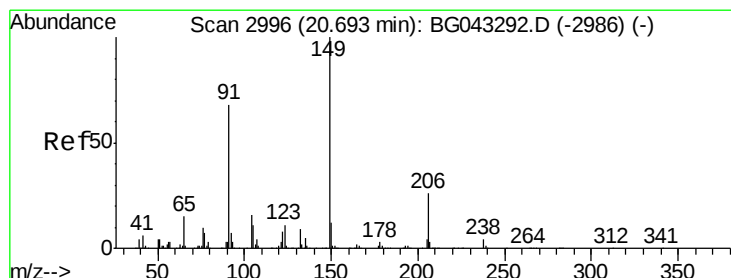
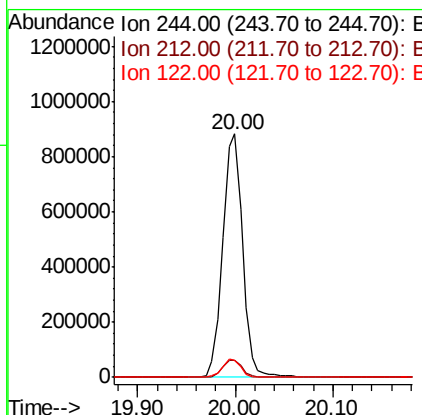
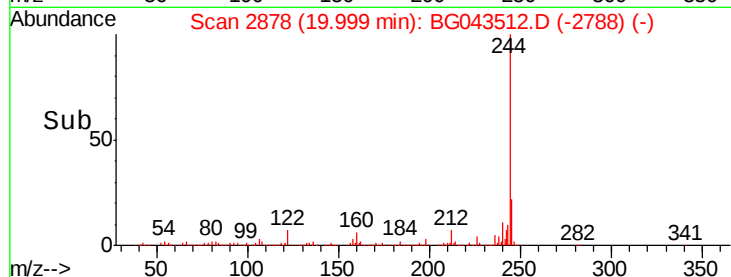
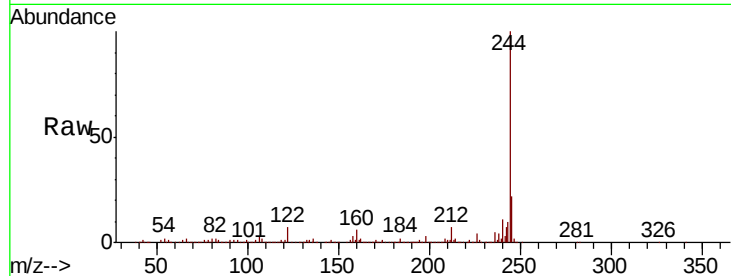
#79
 Terphenyl-d14
 Concen: 77.574 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.9	5.4	8.2

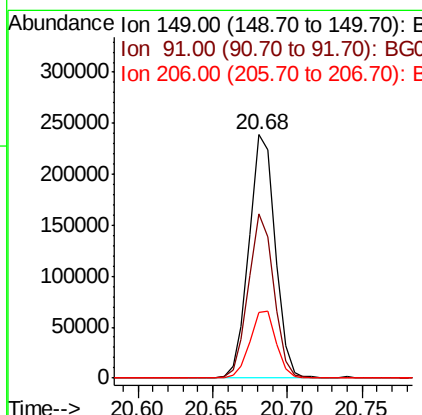
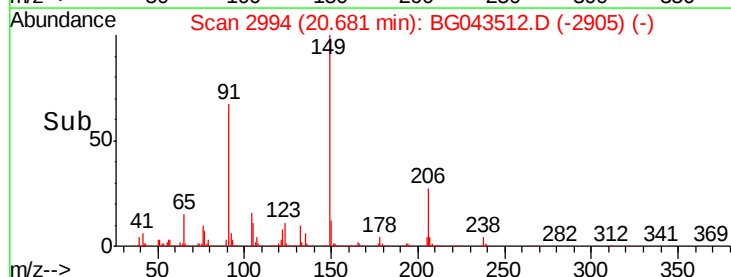
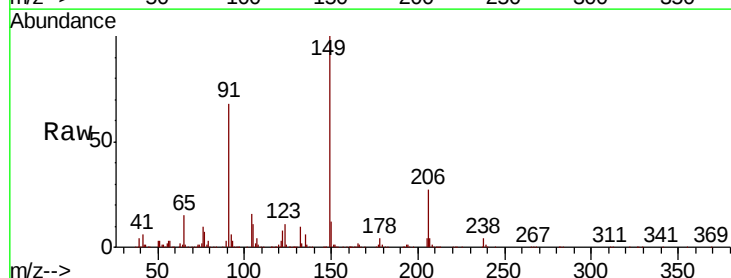
Manual Integrations
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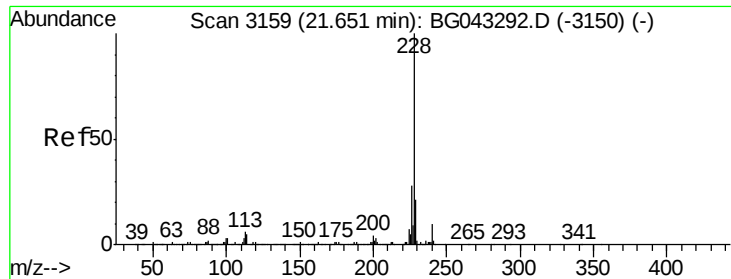
mohammad
 11/6/2019 8:41:15 AM



#80
 Butylbenzylphthalate
 Concen: 41.082 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.5	51.2	76.8
206	26.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 40.680 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

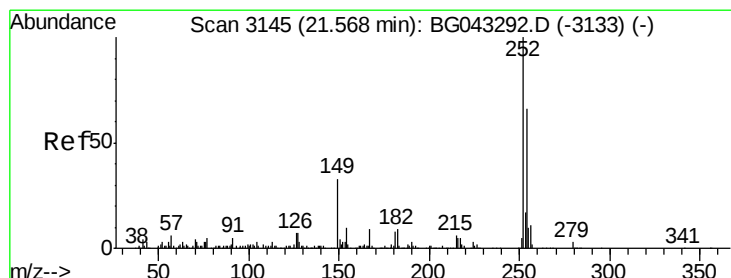
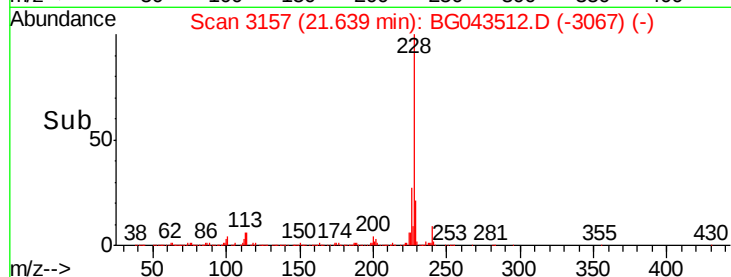
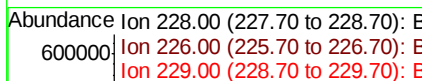
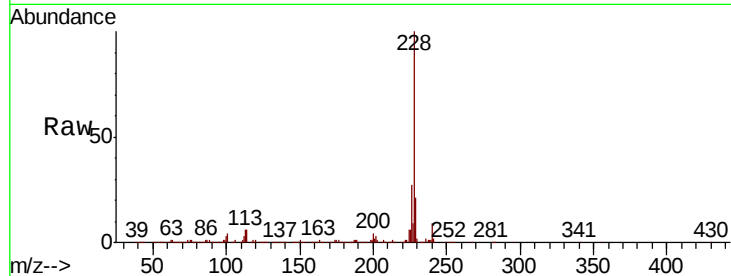
ClientSampleId :

SU-02-110119MSD

Tot Ion:	228	Resp:	766747
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.2
229	20.6	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 14.323 ng

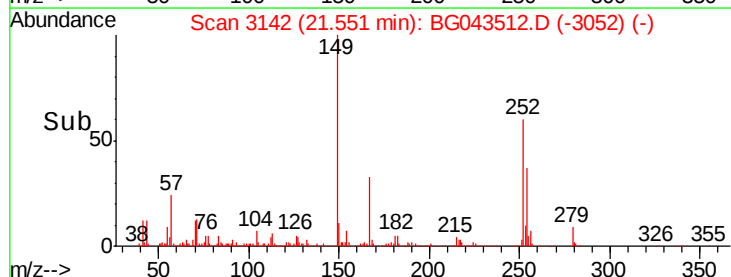
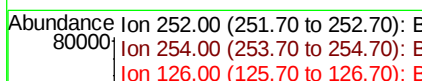
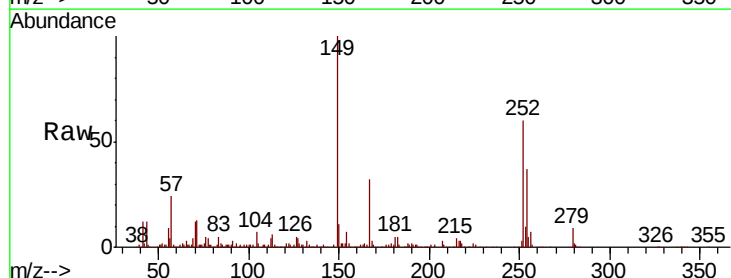
RT: 21.55 min Scan# 3142

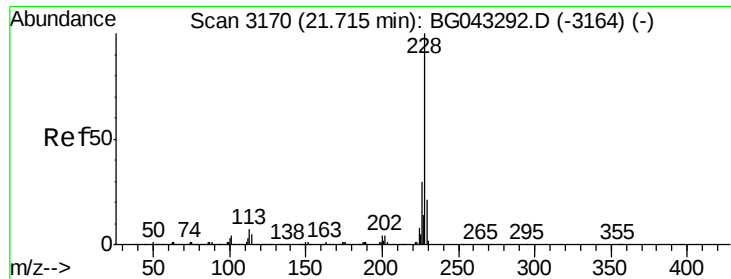
Delta R.T. 0.00 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	252	Resp:	104415
Ion Ratio	Lower	Upper	
252	100		
254	61.4	50.8	76.2
126	7.8	6.1	9.1





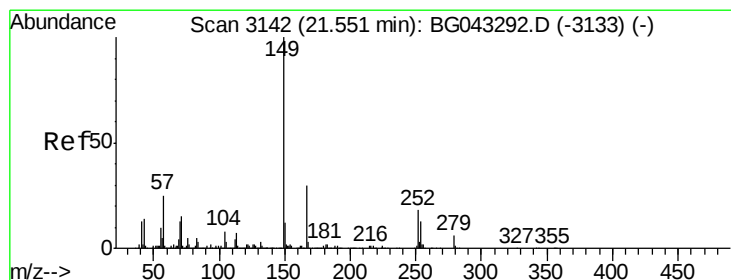
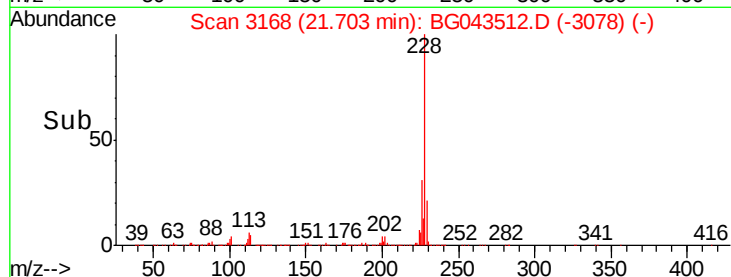
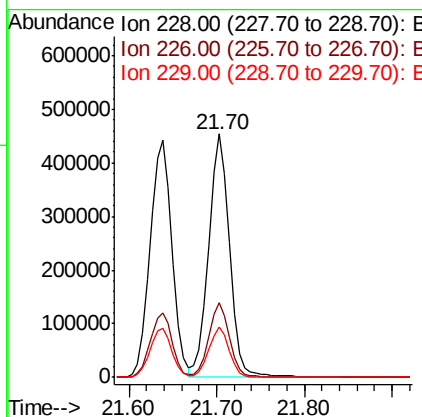
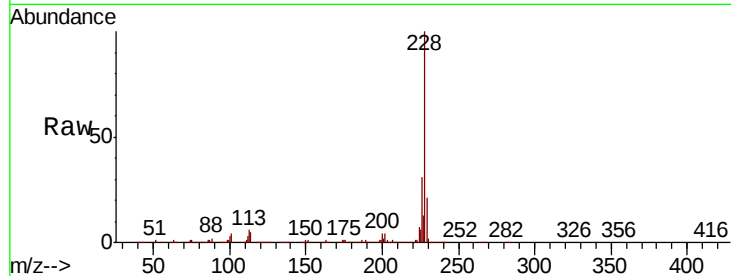
#83
 Chrysene
 Concen: 40.259 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-110119MSD

Tot Ion:	228	Resp:	753952
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.1	37.7
229	20.6	17.0	25.4

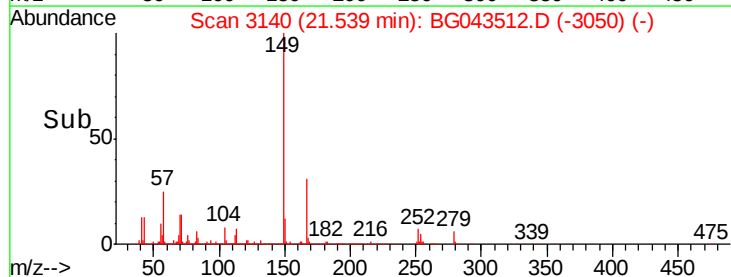
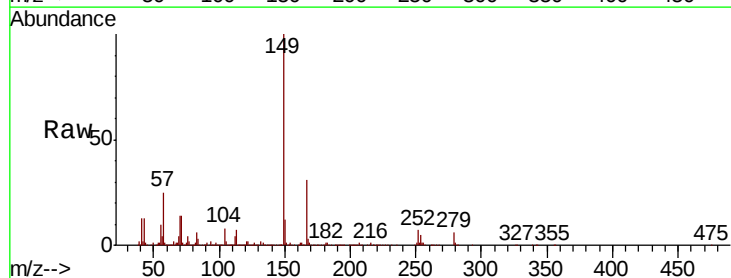
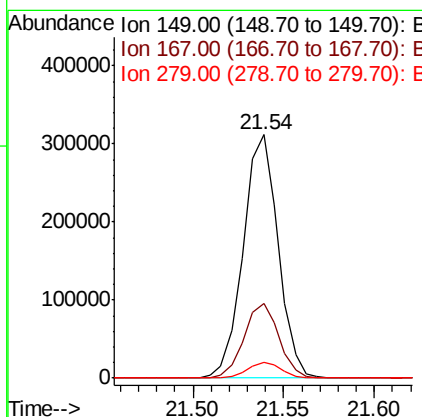
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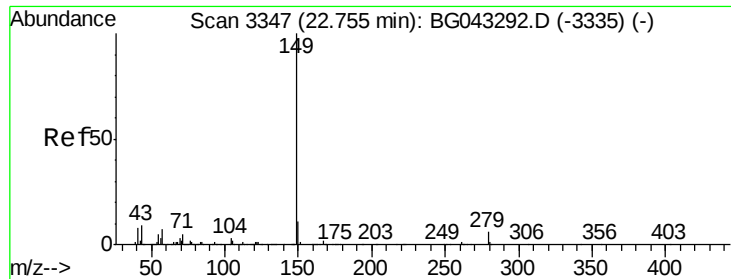
mohammad
 11/6/2019 8:41:15 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.583 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG043512.D
 Acq: 5 Nov 2019 17:50

Tgt Ion:	149	Resp:	416826
Ion Ratio	Lower	Upper	
149	100		
167	30.6	24.0	36.0
279	6.4	5.4	8.2





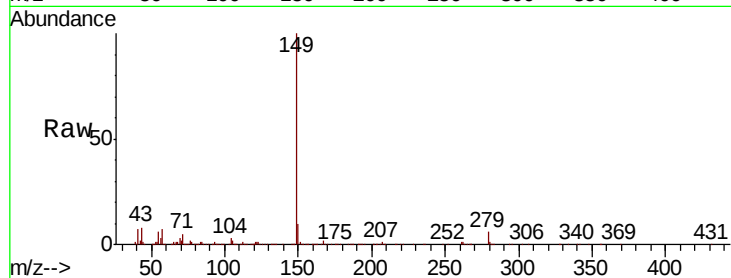
#85
Di-n-octyl phthalate
Concen: 42.442 ng
RT: 22.74 min Scan# 3344
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.3	7.0	10.6

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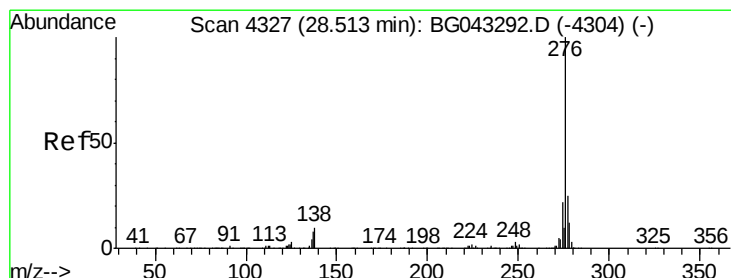
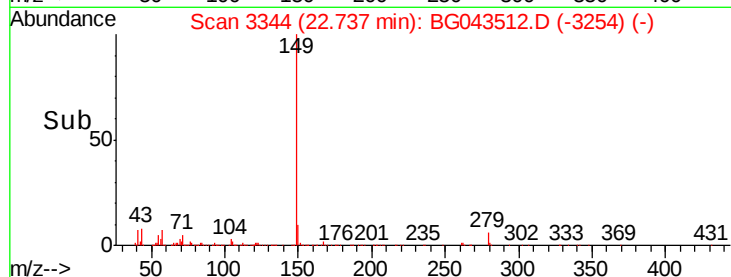
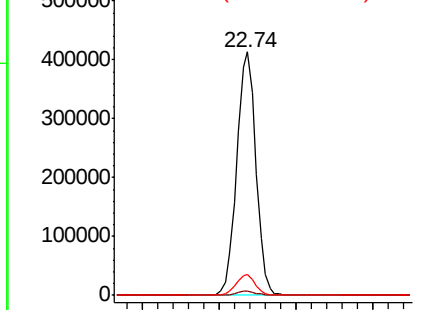


Abundance

Ion 149.00 (148.70 to 149.70): E

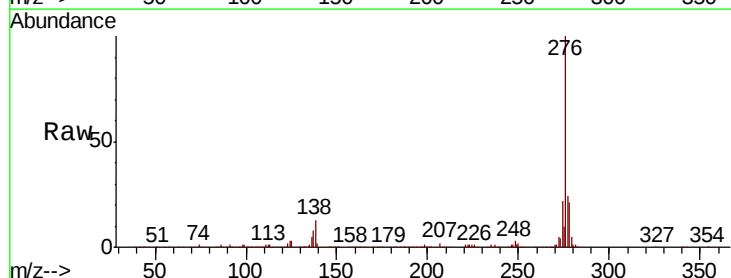
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.790 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	6.8	10.2
277	25.7	20.9	31.3

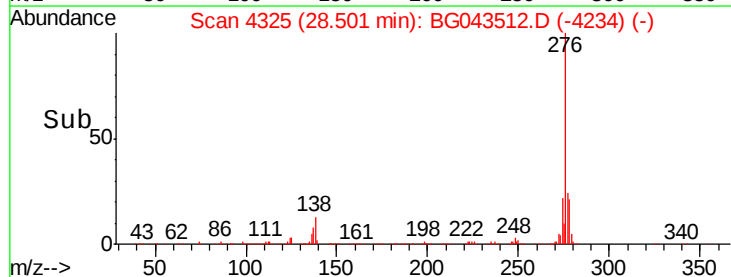
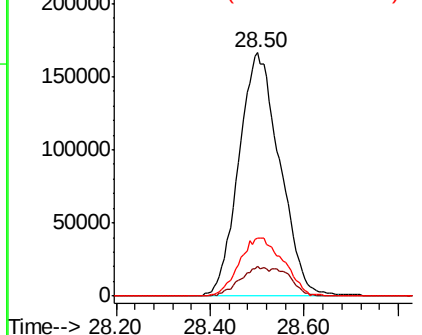


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





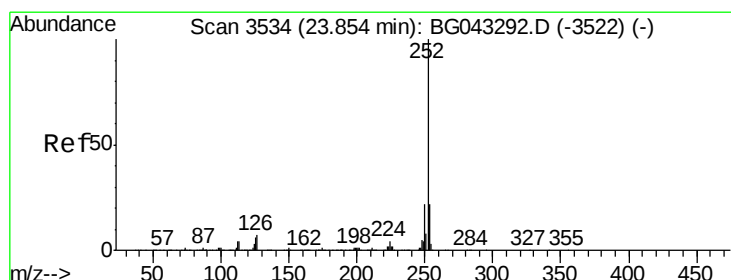
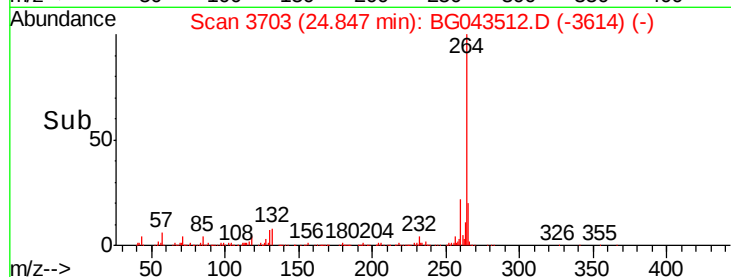
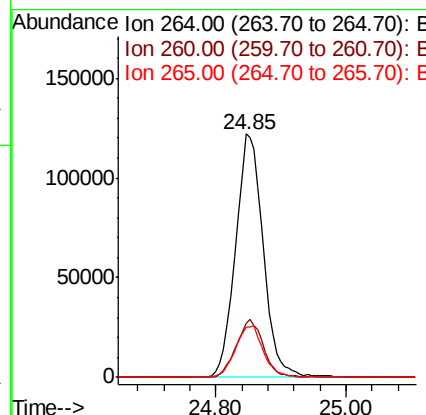
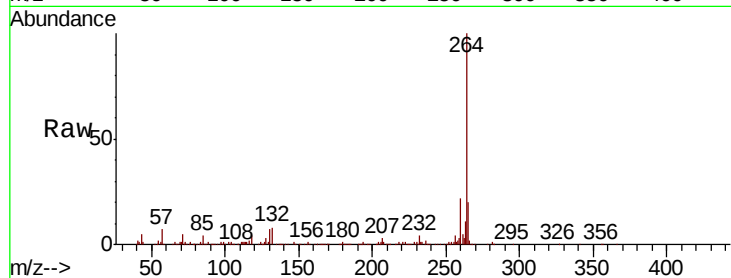
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	20.5	17.4	26.0

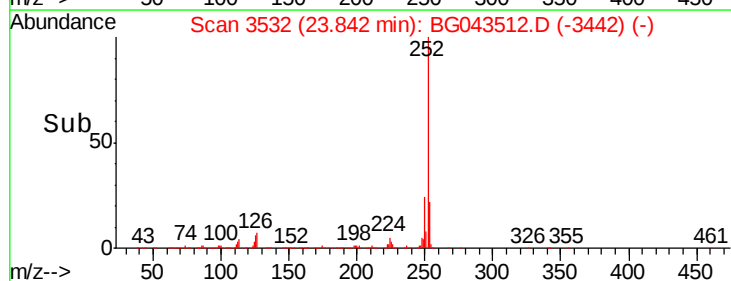
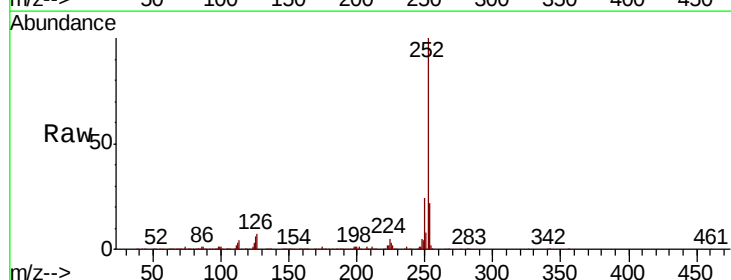
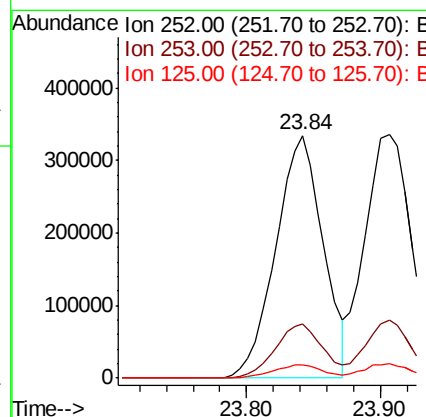
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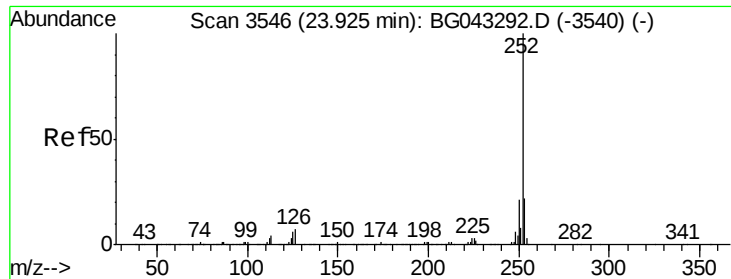
mohammad
11/6/2019 8:41:15 AM



#88
Benzo(b)fluoranthene
Concen: 40.478 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	5.6	4.5	6.7





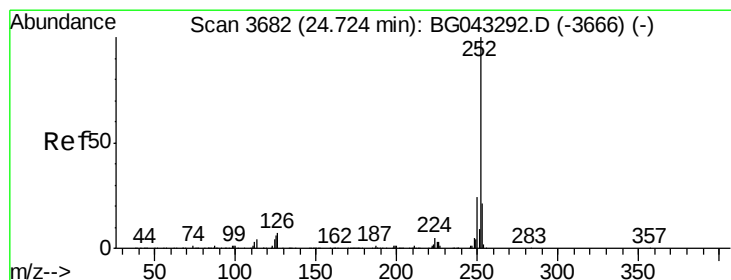
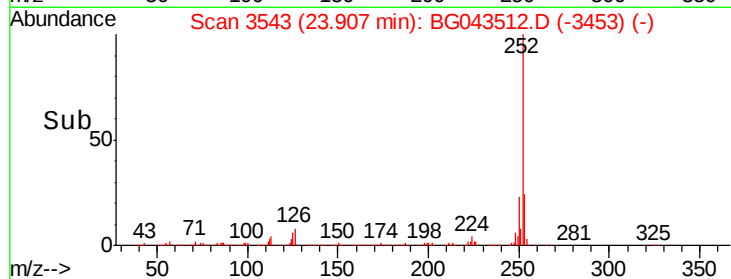
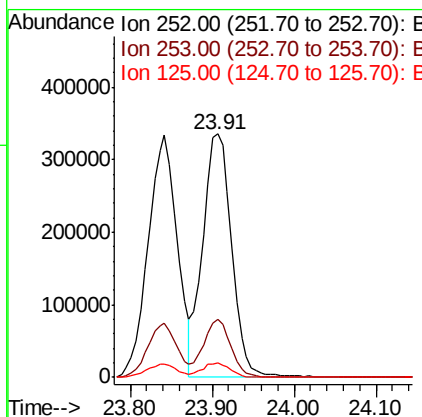
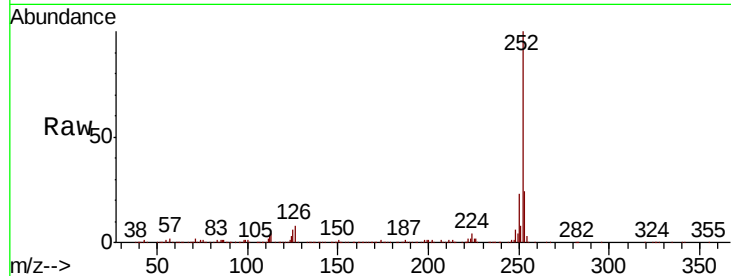
#89
Benzo(k)fluoranthene
Concen: 40.297 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Instrument :
BNA_G
ClientSampleId :
SU-02-110119MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	5.8	4.6	6.8

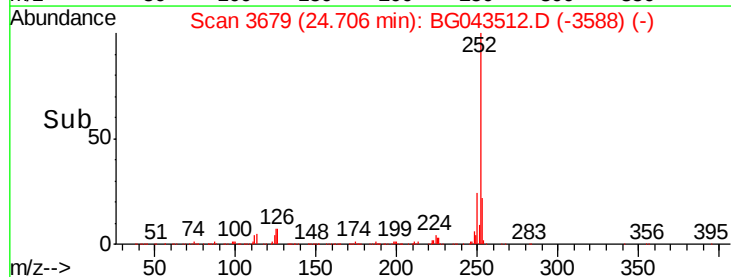
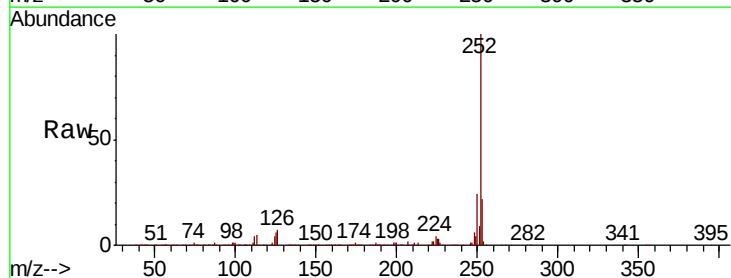
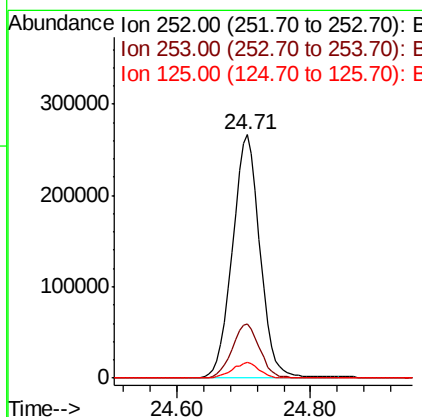
Manual Integrations
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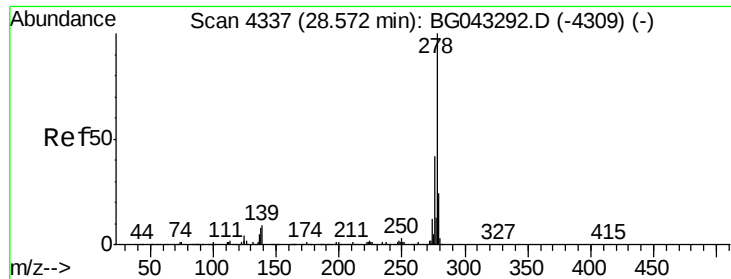
mohammad
11/6/2019 8:41:15 AM



#90
Benzo(a)pyrene
Concen: 39.451 ng
RT: 24.71 min Scan# 3679
Delta R.T. 0.01 min
Lab File: BG043512.D
Acq: 5 Nov 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	6.5	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 42.614 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Instrument :

BNA_G

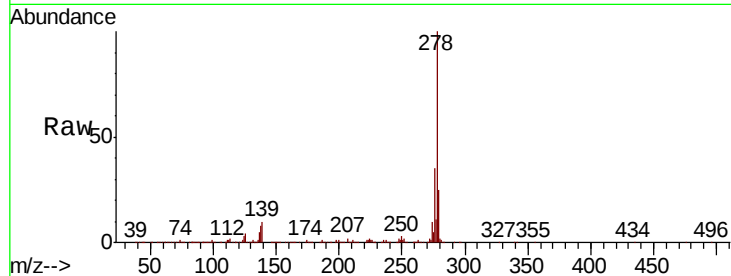
ClientSampleId :

SU-02-110119MSD

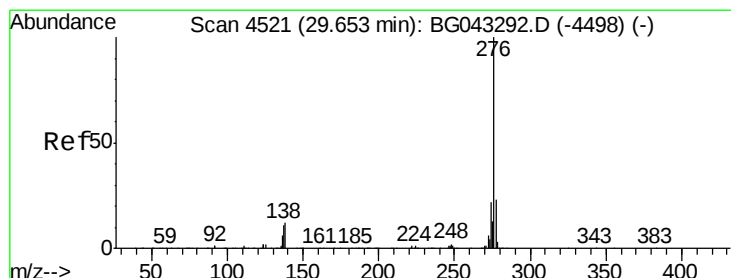
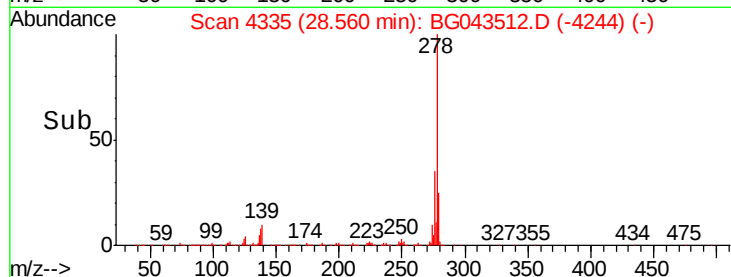
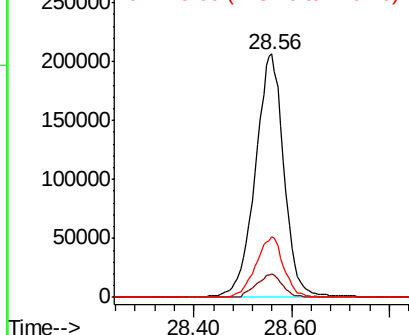
Tot Ion:	278	Resp:	845681
Ion Ratio	Lower	Upper	
278	100		
139	9.8	7.4	11.0
279	25.0	19.1	28.7

Manual Integrations
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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: 43.116 ng

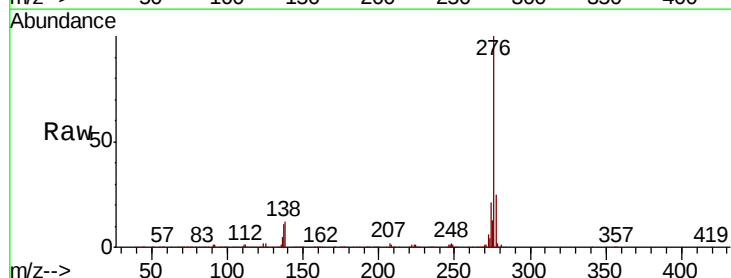
RT: 29.64 min Scan# 4519

Delta R.T. 0.01 min

Lab File: BG043512.D

Acq: 5 Nov 2019 17:50

Tgt Ion:	276	Resp:	843997
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.9	28.3
138	12.1	8.9	13.3



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

