

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043015.D
 Acq On : 3 Oct 2019 17:10
 Operator : JU
 Sample : K5168-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Manual Integrations
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mohammad
 10/7/2019 8:26:30 AM

Quant Time: Oct 04 07:29:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62726	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	235799	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	176929	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	423758	20.00	ng	0.00
76) Chrysene-d12	21.70	240	457104	20.00	ng	-0.01
87) Perylene-d12	24.92	264	539547	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	412257	117.29	ng	0.00
7) Phenol-d6	7.24	99	589464	116.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	363649	74.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	363379	119.44	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	823463	67.47	ng	-0.01
79) Terphenyl-d14	20.04	244	1553368	72.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	50452	34.428	ng	98
3) Pyridine	3.95	79	135141	32.788	ng	93
4) n-Nitrosodimethylamine	3.86	42	78974	39.844	ng	86
6) Aniline	7.39	93	221926	36.322	ng	98
8) 2-Chlorophenol	7.64	128	178090	48.586	ng	98
9) Benzaldehyde	7.21	77	110763	35.812	ng	86
10) Phenol	7.27	94	244654	52.684	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	155027	43.147	ng	94
12) 1,3-Dichlorobenzene	7.96	146	199076	42.574	ng	98
13) 1,4-Dichlorobenzene	8.11	146	200311	42.972	ng	98
14) 1,2-Dichlorobenzene	8.42	146	190944	43.026	ng	95
15) Benzyl Alcohol	8.31	79	170891	44.907	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	249687	36.185	ng	99
17) 2-Methylphenol	8.51	107	151739	46.699	ng	97
18) Hexachloroethane	9.15	117	71498	40.727	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	138150	41.567	ng	96
20) 3+4-Methylphenols	8.84	107	210350	47.239	ng	98
22) Acetophenone	8.89	105	266048	43.771	ng	# 94
24) Nitrobenzene	9.27	77	212797	45.986	ng	99
25) Isophorone	9.79	82	385569	45.247	ng	97
26) 2-Nitrophenol	9.98	139	103126	52.351	ng	96
27) 2,4-Dimethylphenol	10.04	122	170198	56.260	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	214333	44.331	ng	98
29) 2,4-Dichlorophenol	10.52	162	194274	51.635	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	223214	45.941	ng	95
31) Naphthalene	10.92	128	552579	47.605	ng	99
32) Benzoic acid	10.19	122	113573	48.186	ng	95
33) 4-Chloroaniline	11.03	127	137328	27.265	ng	97
34) Hexachlorobutadiene	11.21	225	155495	42.742	ng	98
35) Caprolactam	11.81	113	64514m	48.623	ng	
36) 4-Chloro-3-methylphenol	12.15	107	208854	51.054	ng	97
37) 2-Methylnaphthalene	12.52	142	428284	48.366	ng	97
38) 1-Methylnaphthalene	12.74	142	397417	47.430	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	276843	41.616	ng	98

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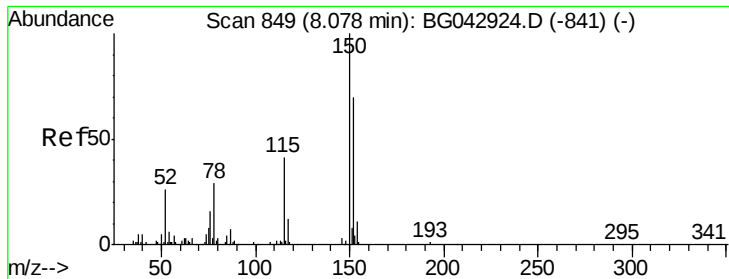
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	328091	77.405	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	186911	48.004	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	201729	50.293	nq	97
46) 1,1'-Biphenyl	13.52	154	576661	42.979	nq	99
47) 2-Chloronaphthalene	13.56	162	457541	45.483	nq	98
48) 2-Nitroaniline	13.77	65	147607	44.124	nq	88
49) Acenaphthylene	14.41	152	742609	48.244	nq	99
50) Dimethylphthalate	14.15	163	715696	53.988	nq	99
51) 2,6-Dinitrotoluene	14.26	165	136268	48.269	nq	95
52) Acenaphthene	14.75	154	452801	43.948	nq	98
53) 3-Nitroaniline	14.59	138	108793	37.290	nq	89
54) 2,4-Dinitrophenol	14.79	184	159434	90.857	nq	96
55) Dibenzofuran	15.09	168	716765	47.028	nq	99
56) 4-Nitrophenol	14.91	139	225713	101.537	nq	97
57) 2,4-Dinitrotoluene	15.04	165	199315	48.212	nq	97
58) Fluorene	15.73	166	607902	46.718	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	204717	47.934	nq	99
60) Diethylphthalate	15.50	149	590658	43.781	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	353662	45.318	nq	98
62) 4-Nitroaniline	15.76	138	146348	45.994	nq	99
63) Azobenzene	16.02	77	547446	44.570	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	116665	48.653	nq	92
66) n-Nitrosodiphenylamine	15.94	169	541263	48.385	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	246978	46.437	nq	96
68) Hexachlorobenzene	16.74	284	274553	46.362	nq	96
69) Atrazine	16.88	200	211981	45.000	nq	94
70) Pentachlorophenol	17.08	266	357115	104.509	nq	97
71) Phenanthrene	17.47	178	1008418	48.744	nq	97
72) Anthracene	17.56	178	1017270	49.255	nq	100
73) Carbazole	17.84	167	916420	47.849	nq	100
74) Di-n-butylphthalate	18.39	149	1060312	46.402	nq	99
75) Fluoranthene	19.48	202	1341401	49.021	nq	99
77) Benzidine	19.66	184	828309	72.370	nq	98
78) Pyrene	19.84	202	1355124	49.670	nq	98
80) Butylbenzylphthalate	20.73	149	494471	47.748	nq	97
81) Benzo(a)anthracene	21.68	228	1353191	47.511	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	389998	34.912	nq	99
83) Chrysene	21.75	228	1308697	47.349	nq	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	708781	48.099	nq	99
85) Di-n-octyl phthalate	22.80	149	1203841	49.960	nq	97
86) Indeno(1,2,3-cd)pyrene	28.60	276	1719238	49.965	nq	# 95
88) Benzo(b)fluoranthene	23.90	252	1450773	47.521	nq	98
89) Benzo(k)fluoranthene	23.97	252	1415872	46.881	nq	99
90) Benzo(a)pyrene	24.77	252	1432972	49.751	nq	98
91) Dibenzo(a,h)anthracene	28.66	278	1440371	48.768	nq	100
92) Benzo(g,h,i)perylene	29.75	276	1422718	49.716	nq	99

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



#1

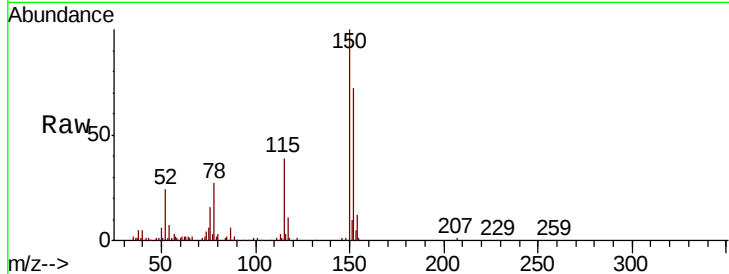
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.2	115.0	172.4
115	54.2	47.0	70.6

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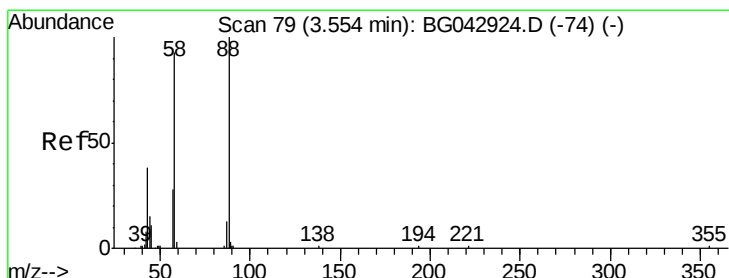
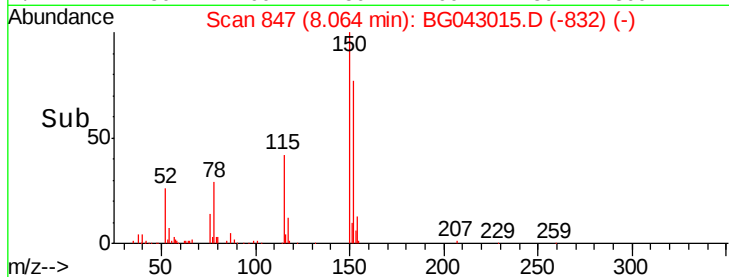
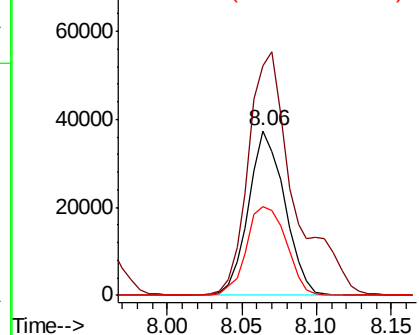


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

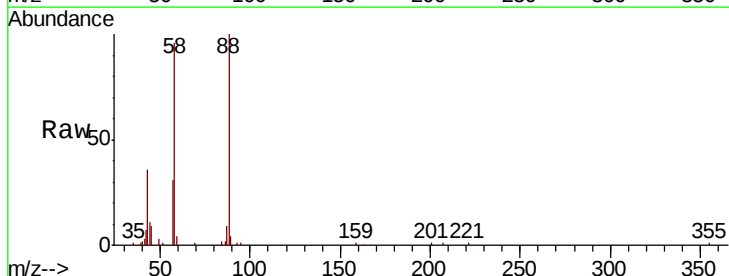
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.428 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.2	74.3	111.5
43	34.9	29.8	44.8

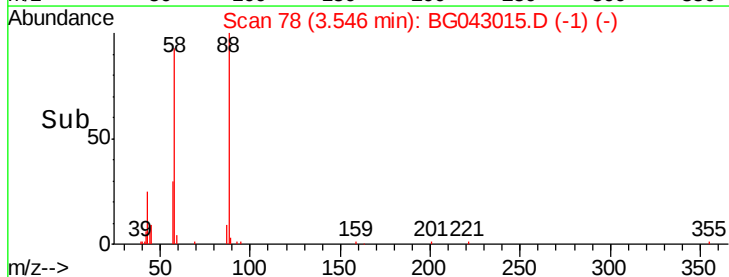
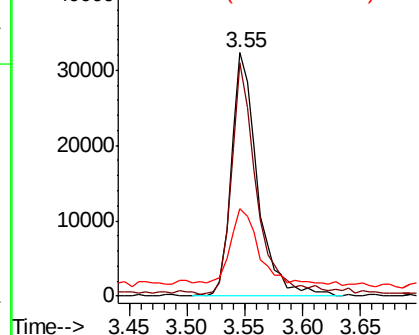


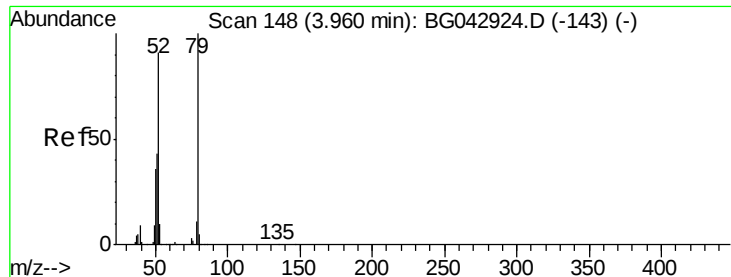
Abundance

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: 32.788 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

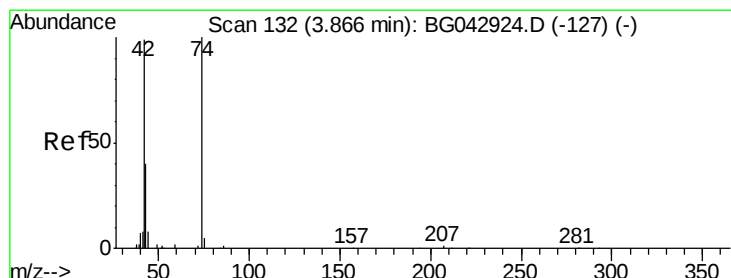
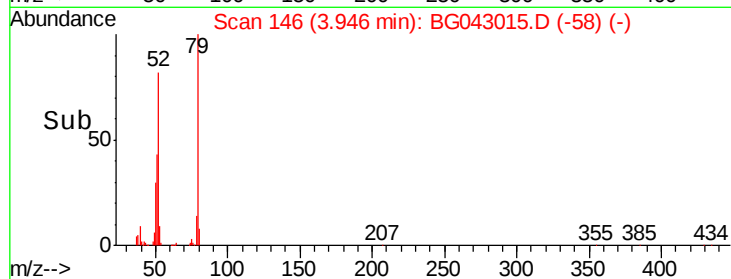
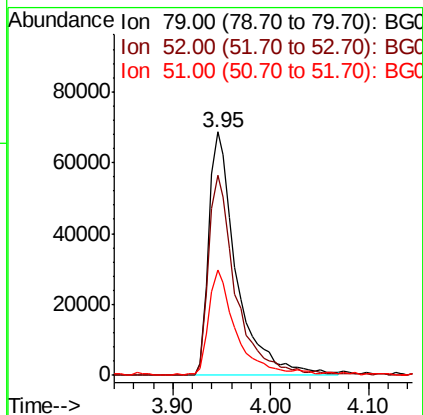
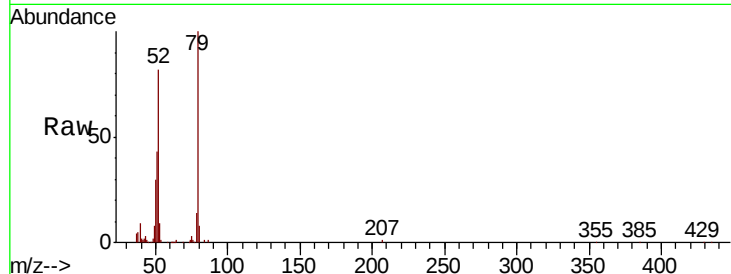
ClientSampleId :

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Tot Ion:	79	Resp:	135141
Ion Ratio	Lower	Upper	
79	100		
52	82.2	73.0	109.4
51	43.1	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 39.844 ng

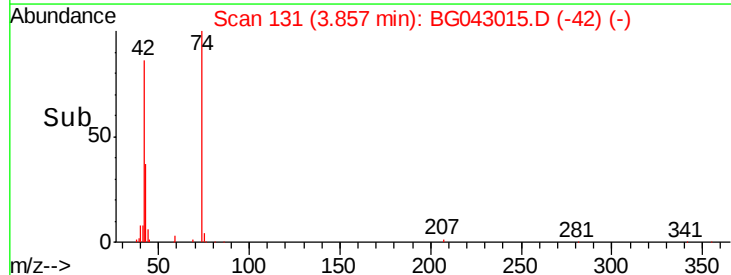
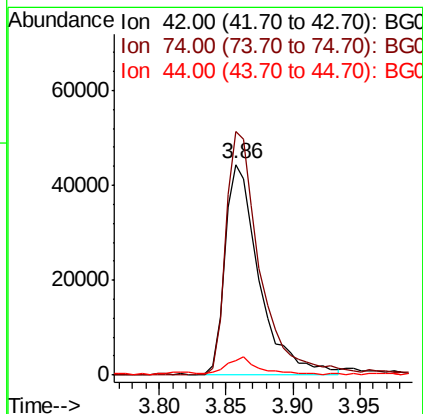
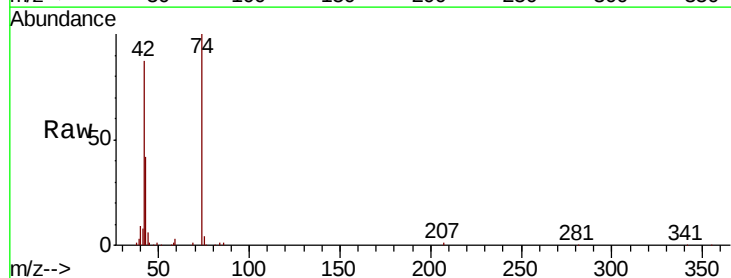
RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	42	Resp:	78974
Ion Ratio	Lower	Upper	
42	100		
74	115.4	80.5	120.7
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 117.292 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

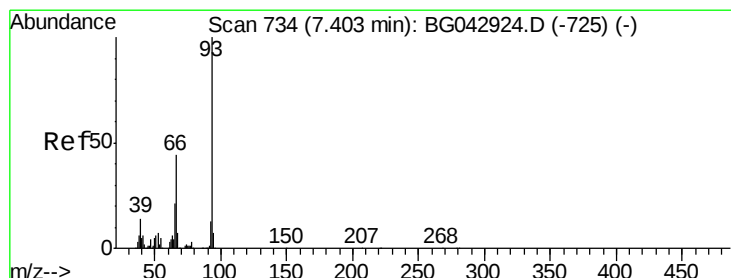
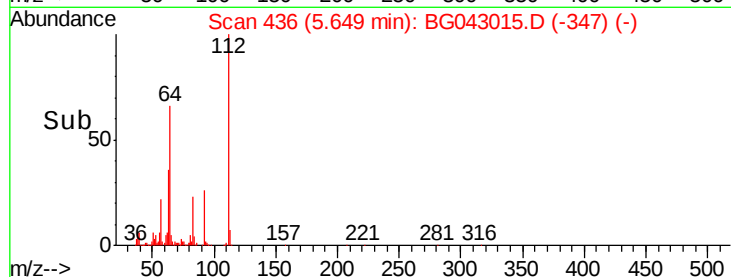
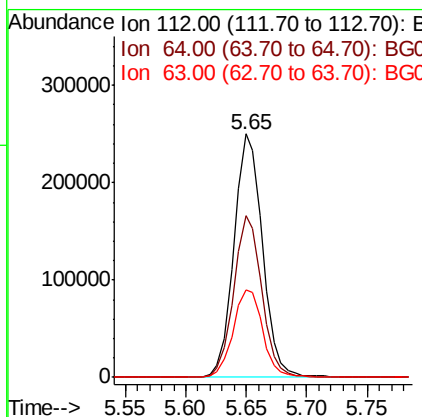
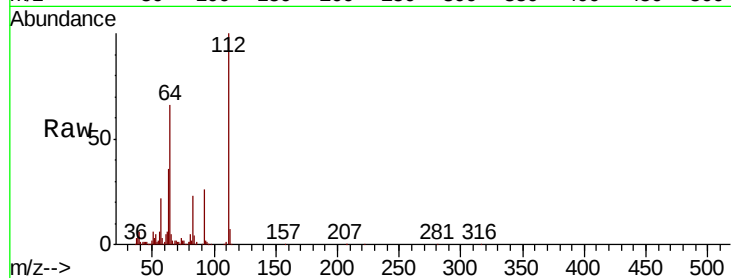
ClientSampleId :

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Tot Ion:	112	Resp:	412257
Ion Ratio	Lower	Upper	
112	100		
64	66.4	56.6	84.8
63	36.1	35.1	52.7

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#6

Aniline

Concen: 36.322 ng

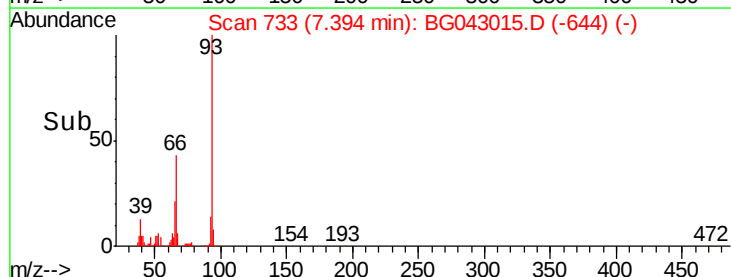
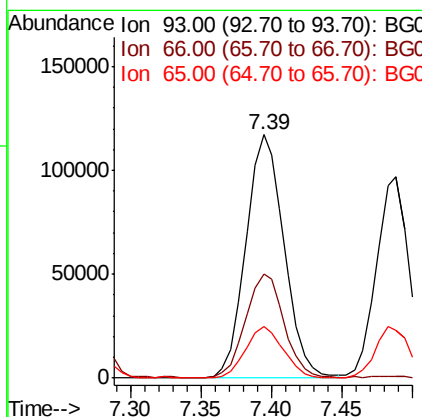
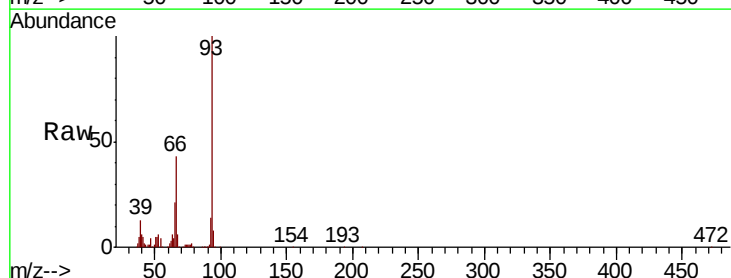
RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	93	Resp:	221926
Ion Ratio	Lower	Upper	
93	100		
66	42.8	35.0	52.6
65	21.1	17.4	26.0





#7

Phenol-d6

Concen: 116.460 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

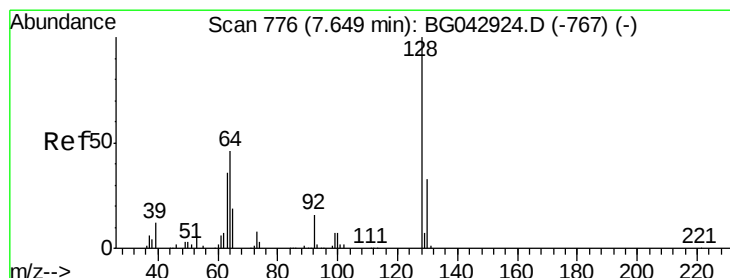
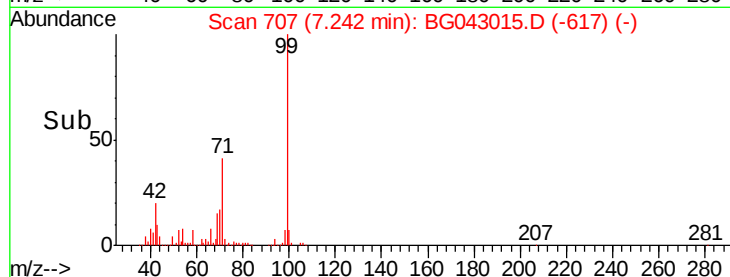
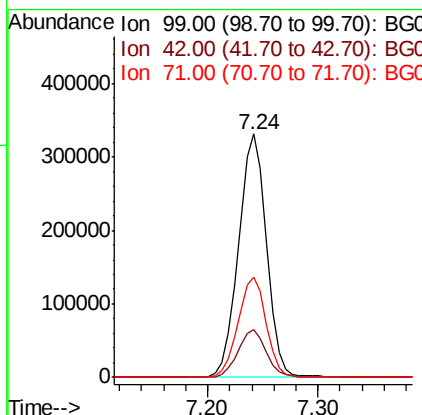
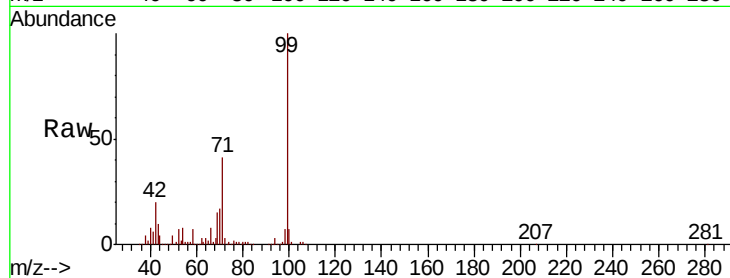
ClientSampleId :

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Tot Ion:	99	Resp:	589464
Ion Ratio	Lower	Upper	
99	100		
42	19.6	17.2	25.8
71	41.3	33.1	49.7

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#8

2-Chlorophenol

Concen: 48.586 ng

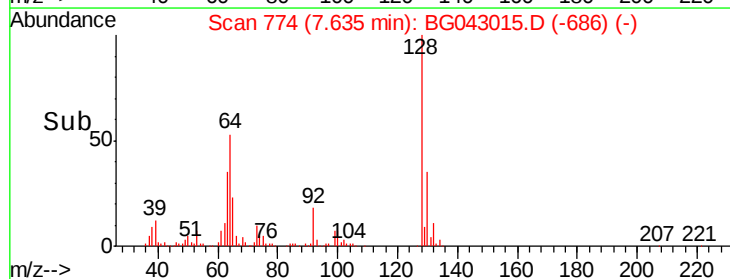
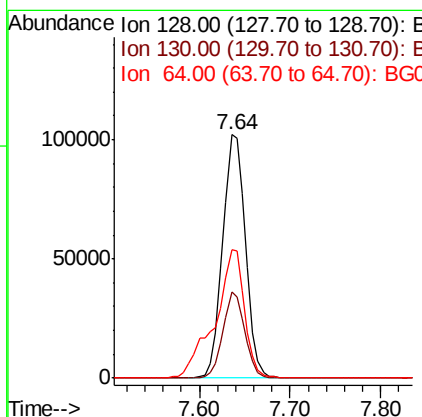
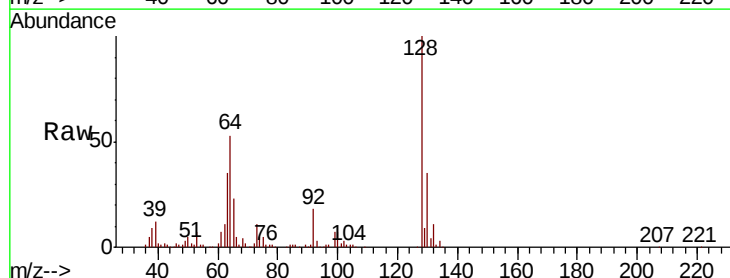
RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	128	Resp:	178090
Ion Ratio	Lower	Upper	
128	100		
130	35.4	12.5	52.5
64	52.9	32.8	72.8





#9

Benzaldehyde

Concen: 35.812 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

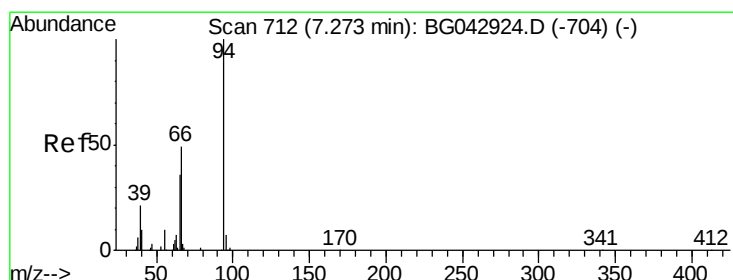
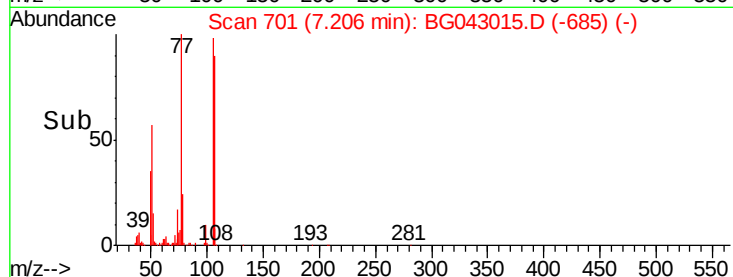
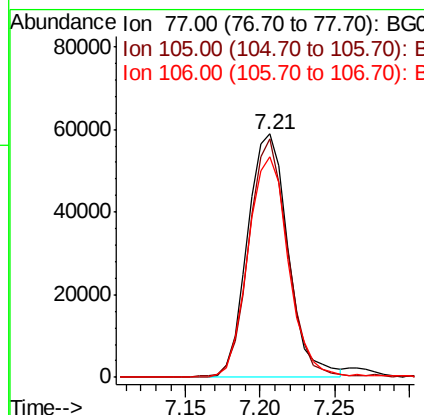
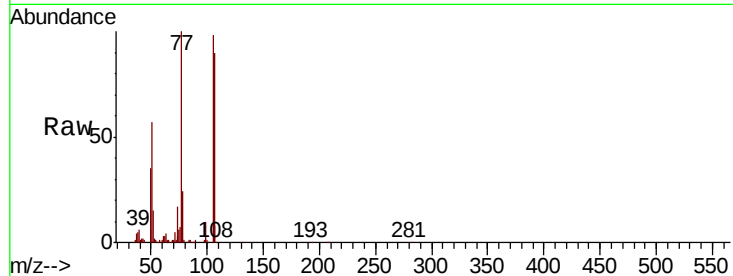
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	77	Resp:	110763
Ion Ratio	Lower	Upper	
77	100		
105	97.7	64.6	104.6
106	90.5	59.4	99.4

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#10

Phenol

Concen: 52.684 ng

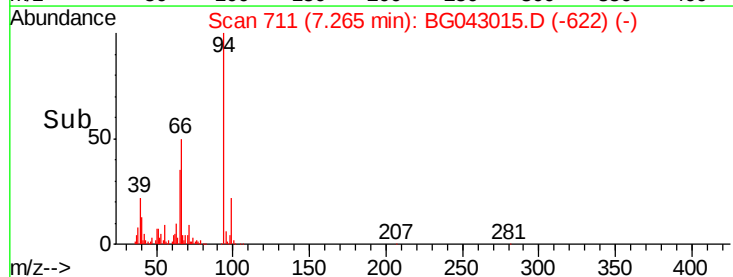
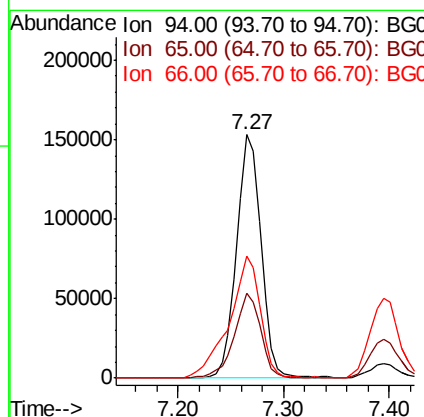
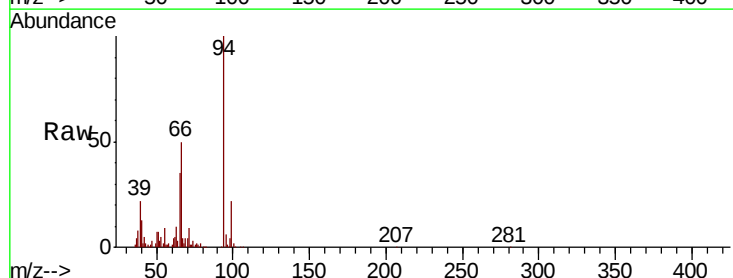
RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	94	Resp:	244654
Ion Ratio	Lower	Upper	
94	100		
65	34.8	16.6	56.6
66	49.9	32.4	72.4





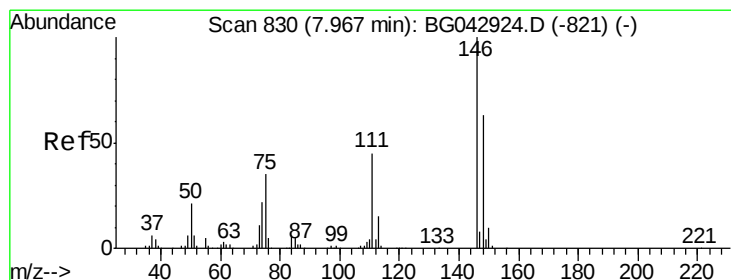
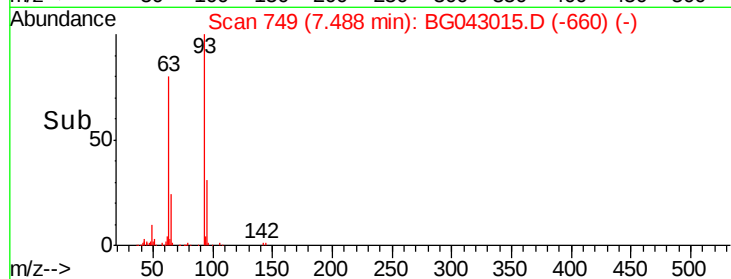
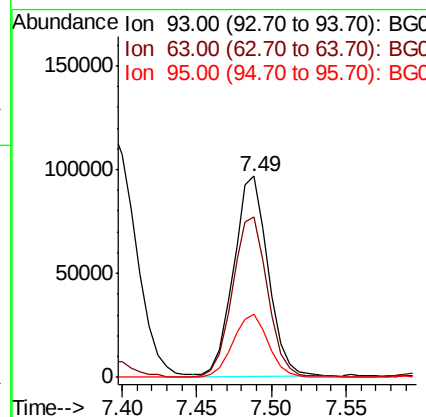
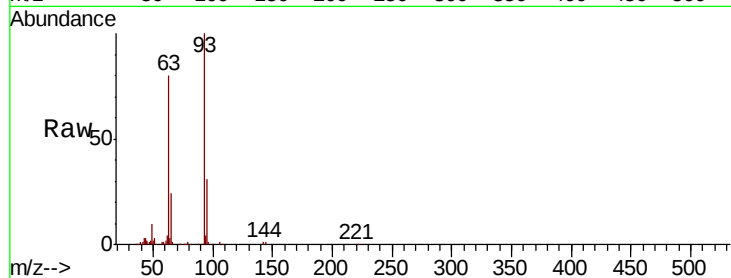
#11
bis(2-Chloroethyl)ether
Concen: 43.147 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		155027		
63	80.0	67.4	107.4		
95	31.1	11.9	51.9		

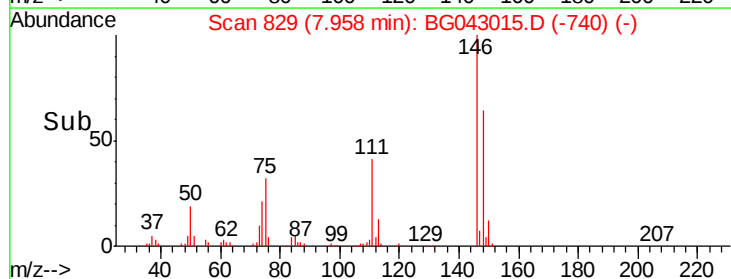
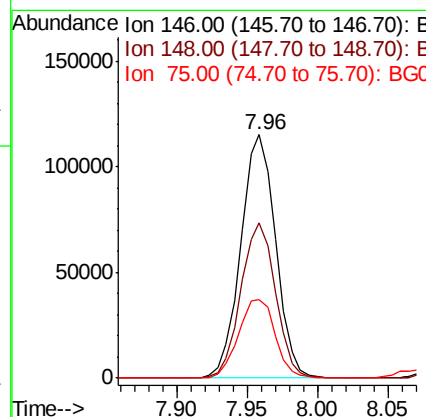
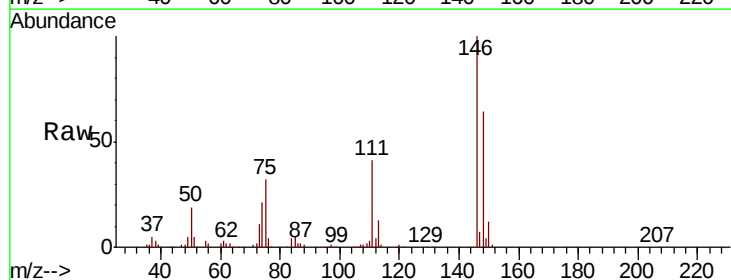
Manual Integrations
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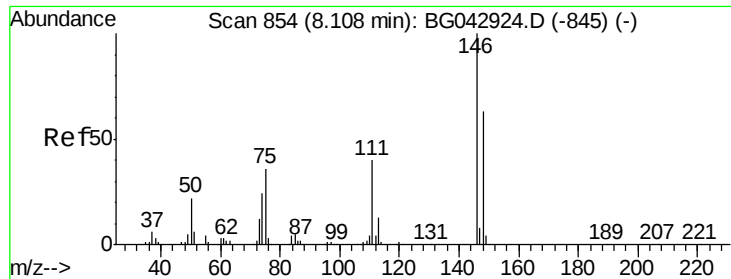
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.574 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		199076		
148	63.7	50.7	76.1		
75	32.3	27.7	41.5		





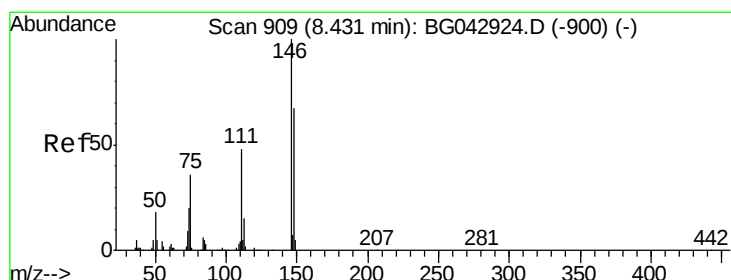
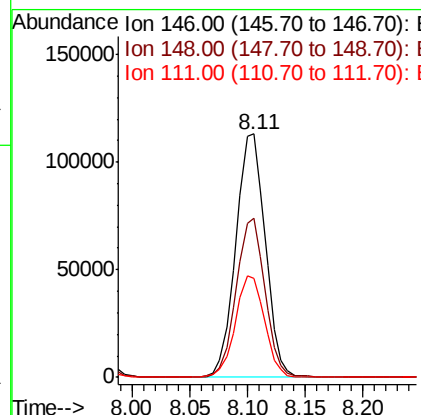
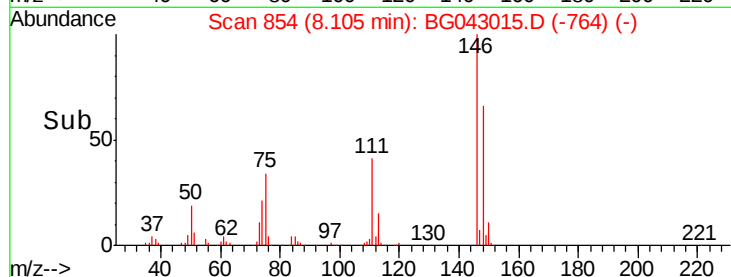
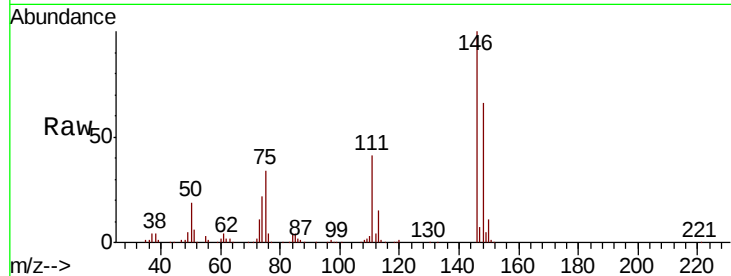
#13
 1,4-Dichlorobenzene
 Concen: 42.972 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
111	40.8	31.8	47.8

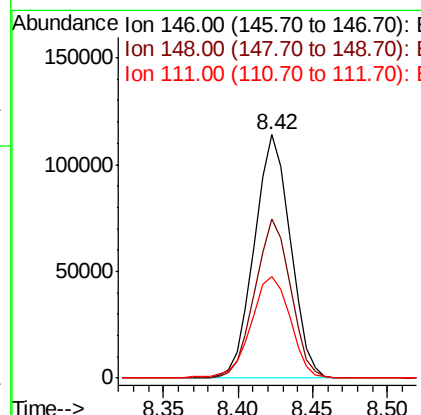
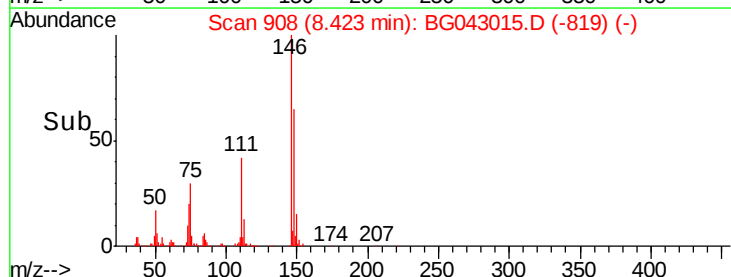
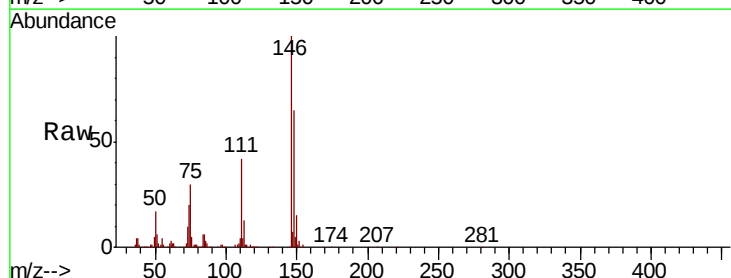
Manual Integrations
 APPROVED

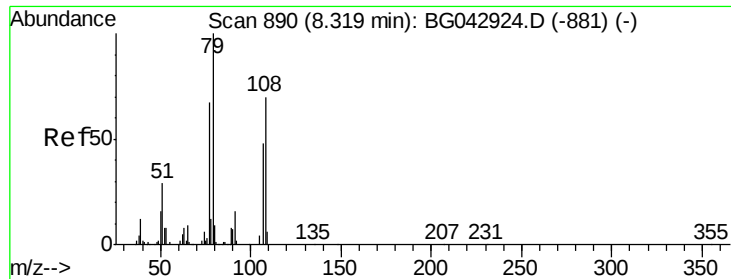
mohammad
 10/7/2019 8:26:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.026 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.2
111	41.9	38.5	57.7





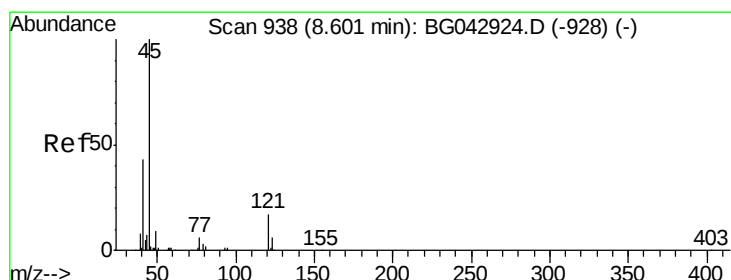
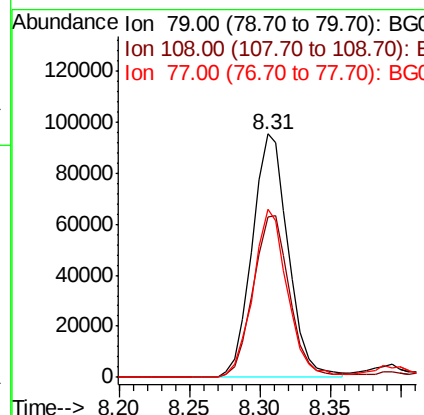
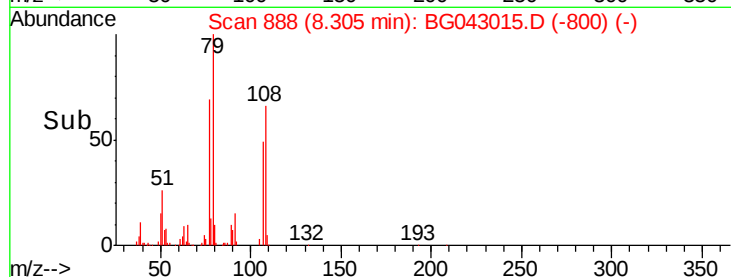
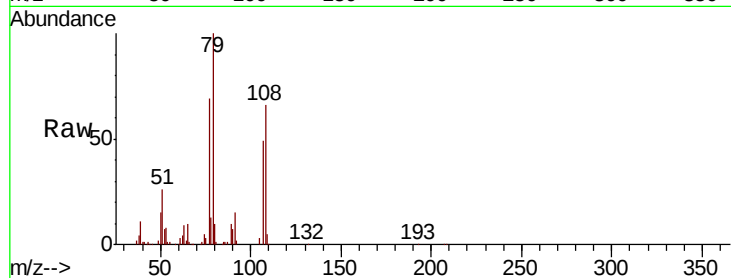
#15
Benzyl Alcohol
Concen: 44.907 ng
RT: 8.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.1	55.7	83.5
77	69.1	53.3	79.9

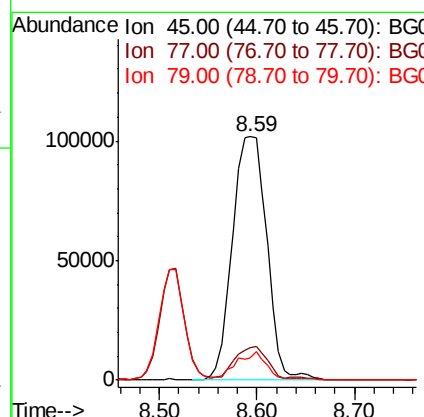
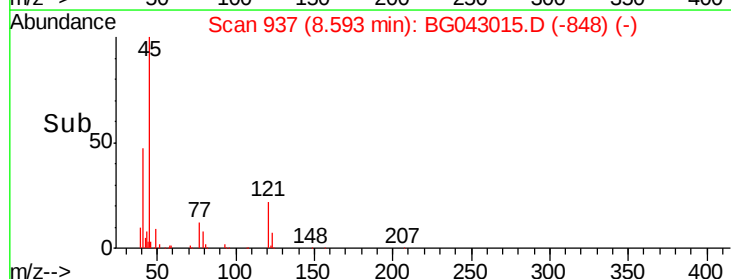
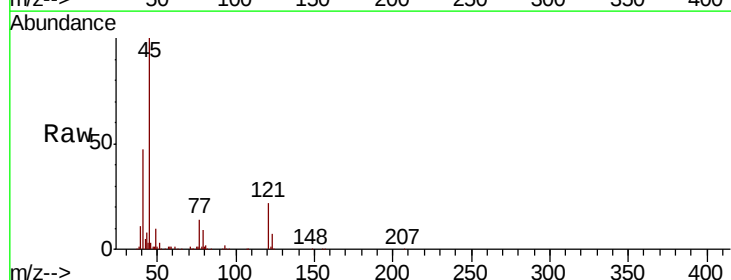
Manual Integrations
APPROVED

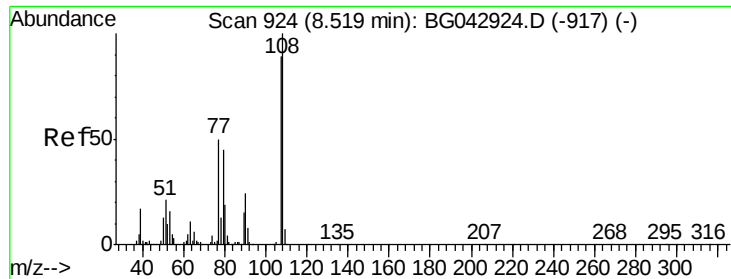
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.185 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	32.8
79	9.0	0.0	29.4





#17

2-Methylphenol

Concen: 46.699 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

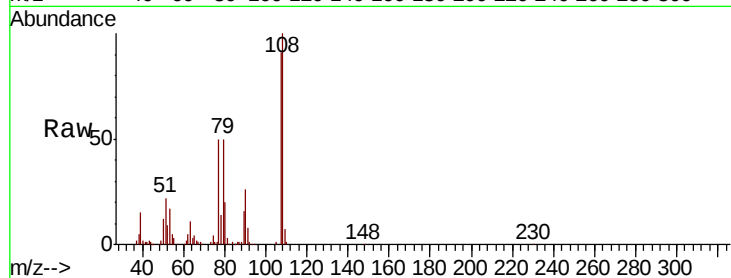
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	89.9	134.9	
77	54.4	45.4	68.2	
79	54.7	41.4	62.0	

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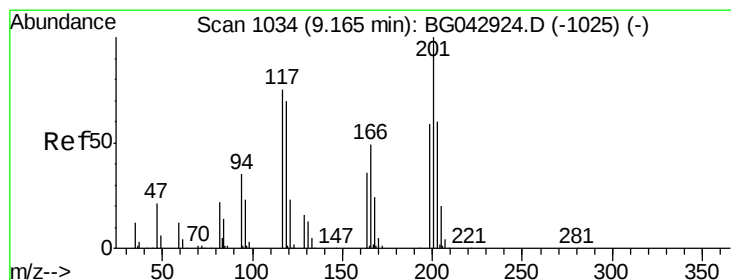
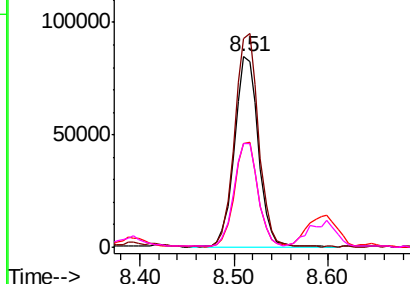
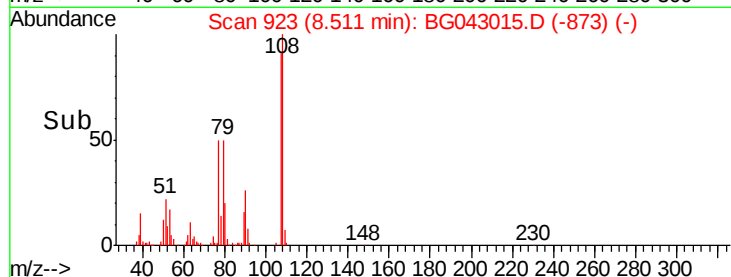
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.727 ng

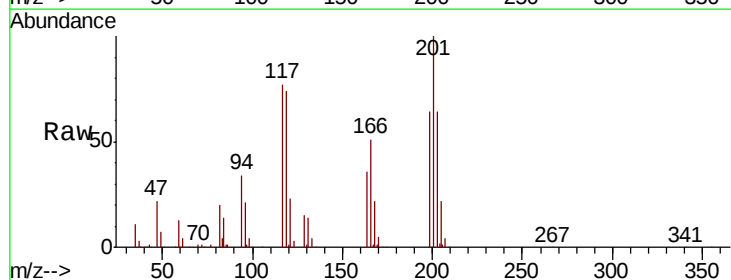
RT: 9.15 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	74.6	111.8	
201	129.3	106.0	159.0	

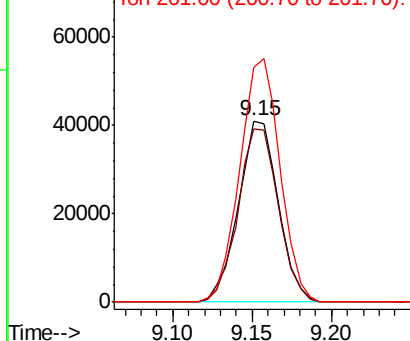
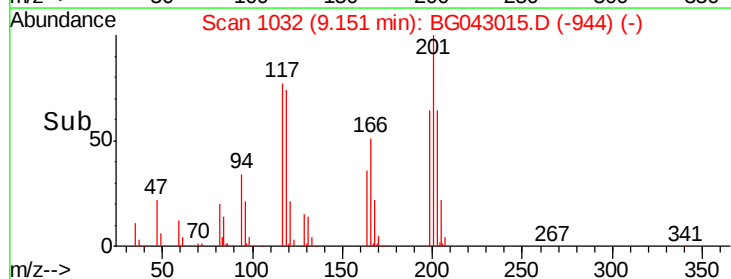


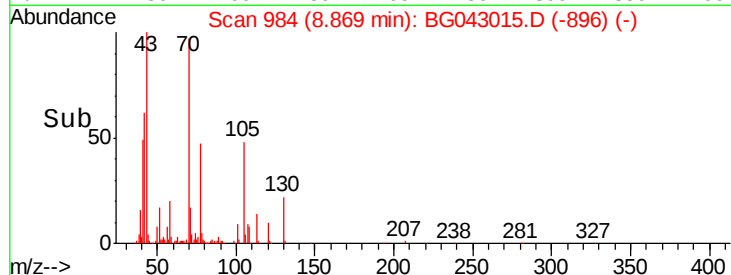
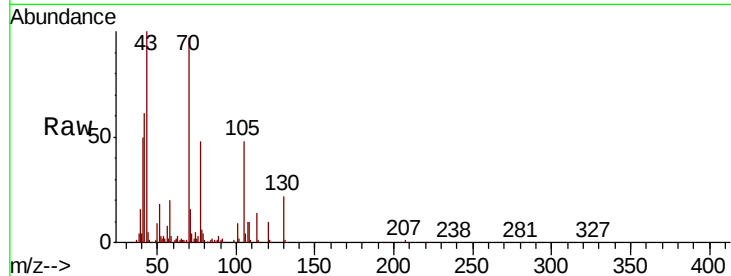
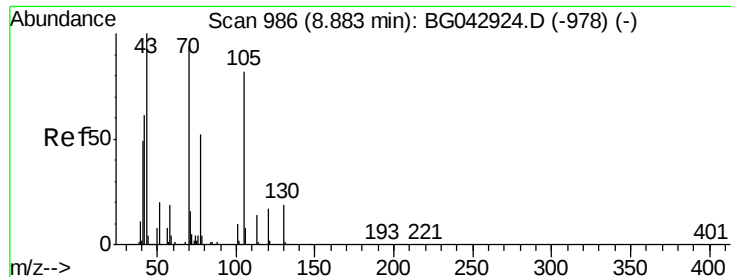
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





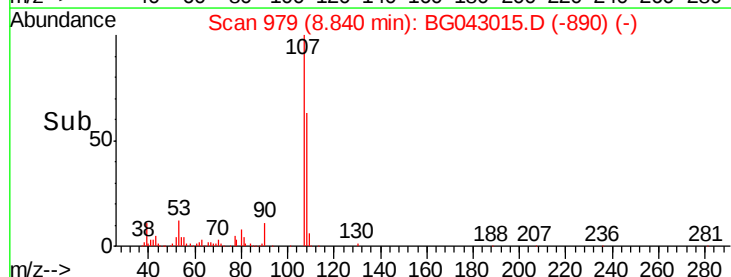
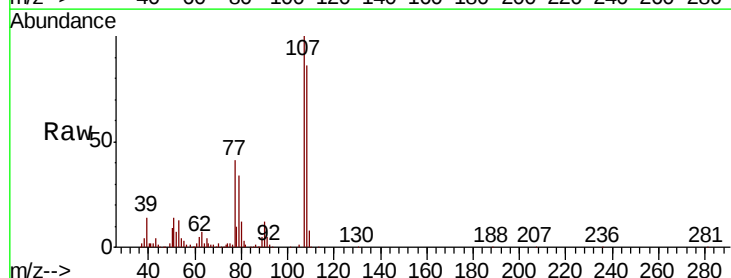
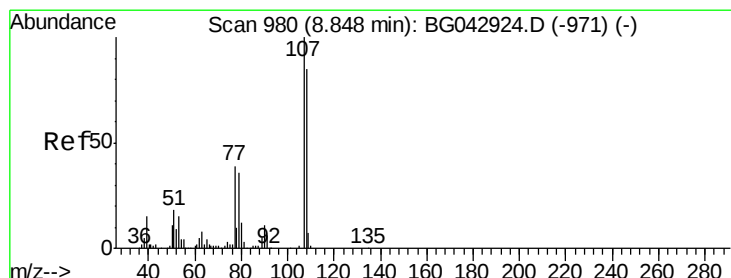
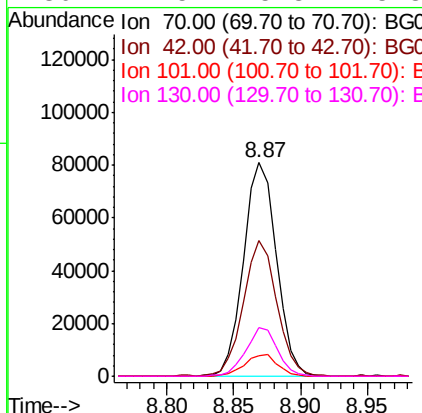
#19
n-Nitroso-di-n-propylamine
Concen: 41.567 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	52.6	79.0	
101	9.4	8.7	13.1	
130	22.5	15.8	23.8	

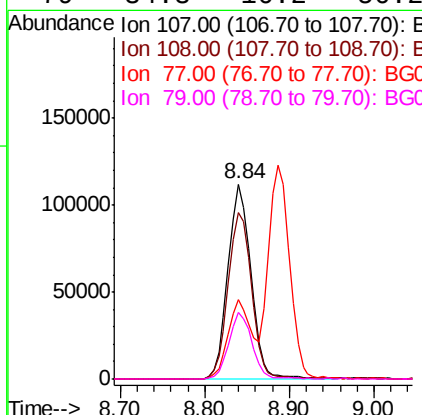
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.239 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	64.9	104.9	
77	40.6	19.4	59.4	
79	34.3	16.2	56.2	





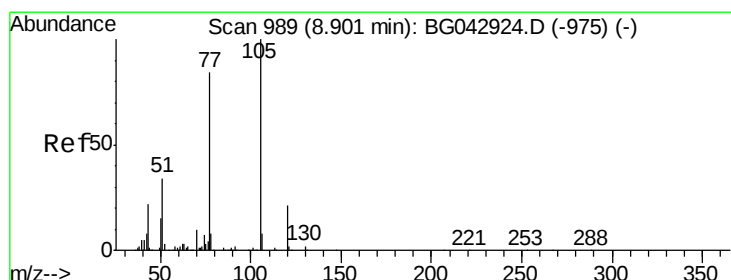
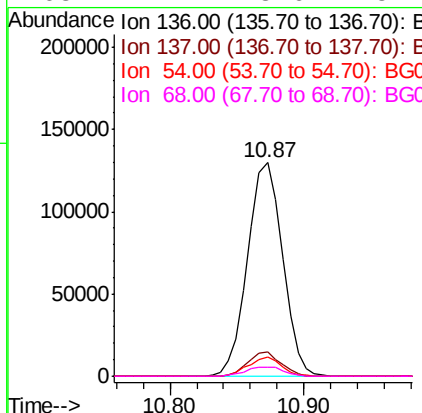
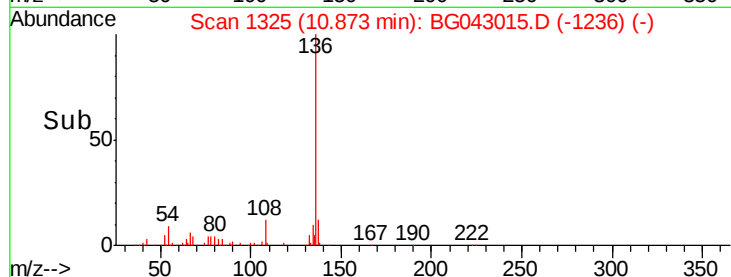
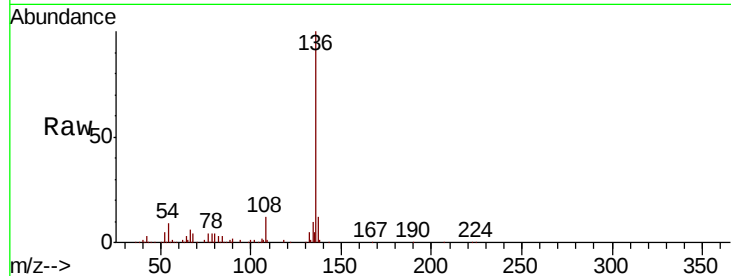
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		235799		
137	11.6		8.5	12.7	
54	9.3		7.4	11.2	
68	4.4		3.6	5.4	

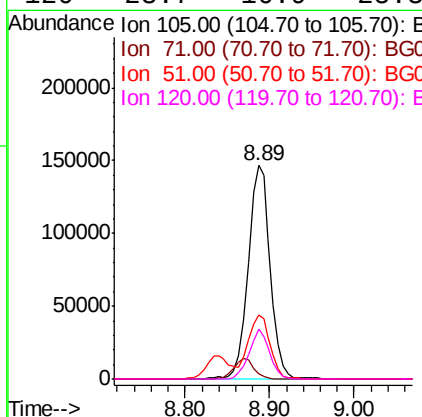
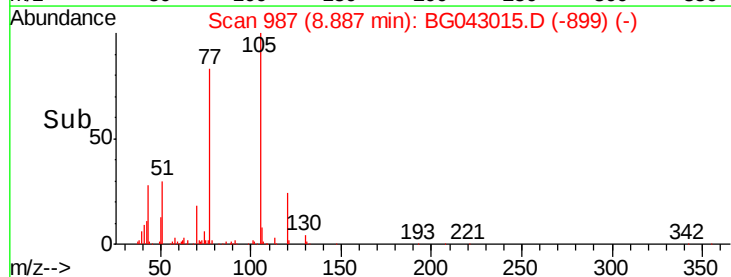
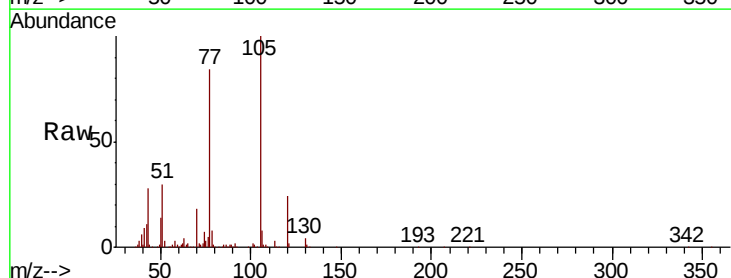
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#22
Acetophenone
Concen: 43.771 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		266048		
71	2.4		1.2	1.8#	
51	30.1		27.2	40.8	
120	23.7		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 74.959 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

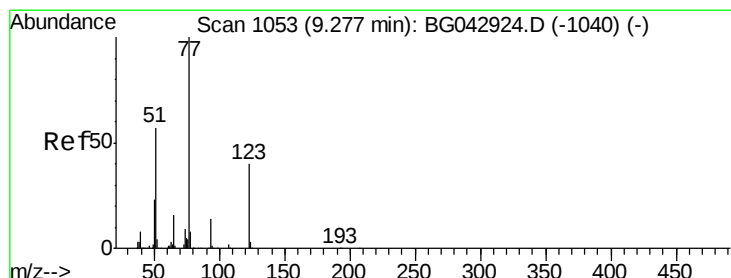
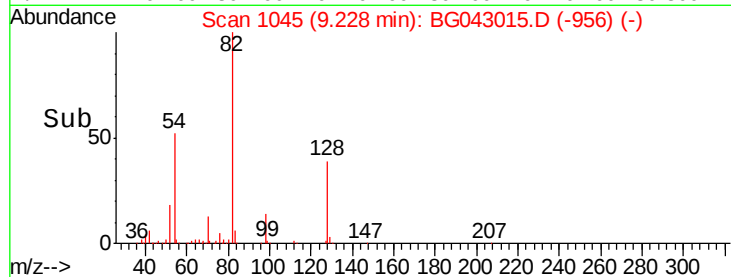
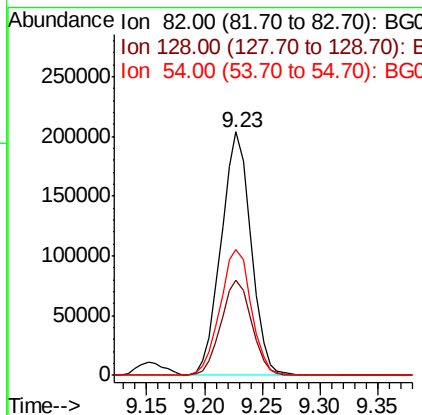
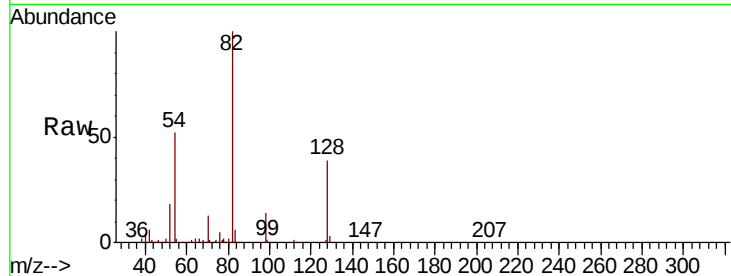
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	82	Resp:	363649
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.5	44.3
54	51.8	44.6	67.0

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#24

Nitrobenzene

Concen: 45.986 ng

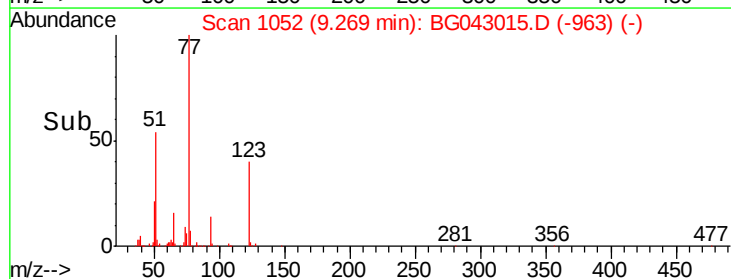
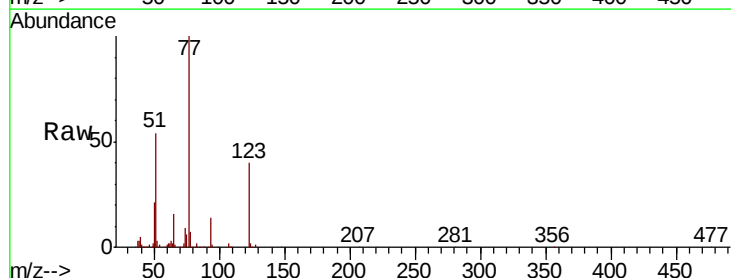
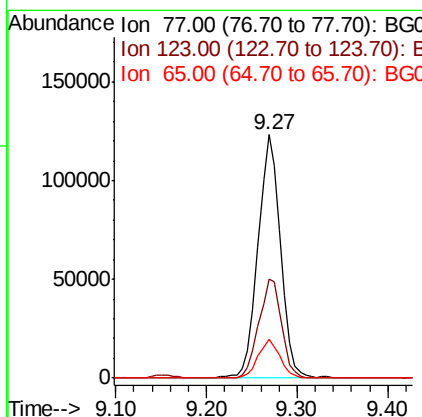
RT: 9.27 min Scan# 1052

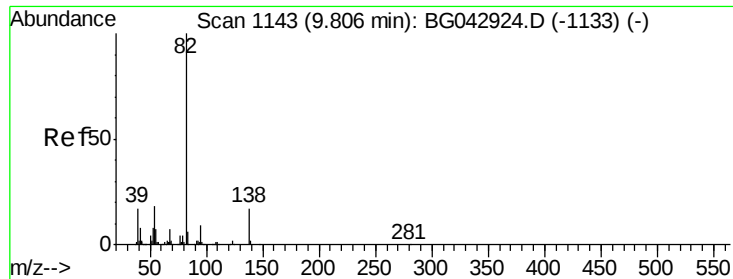
Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	77	Resp:	212797
Ion	Ratio	Lower	Upper
77	100		
123	40.4	31.9	47.9
65	16.1	12.4	18.6





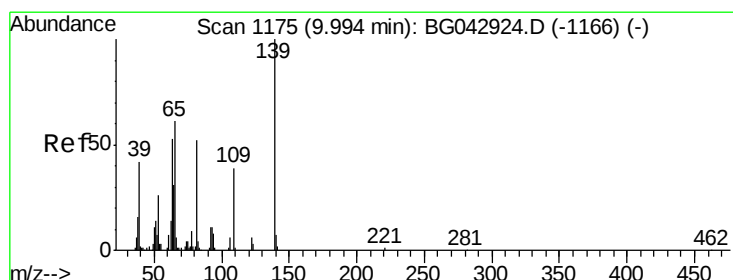
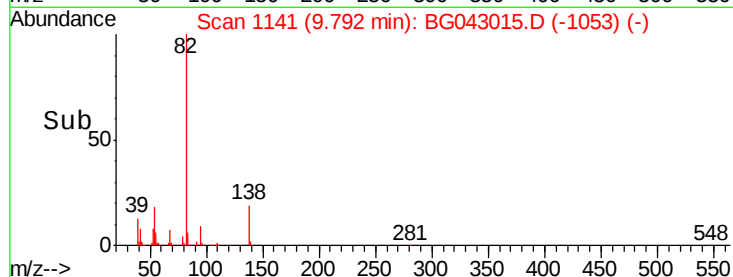
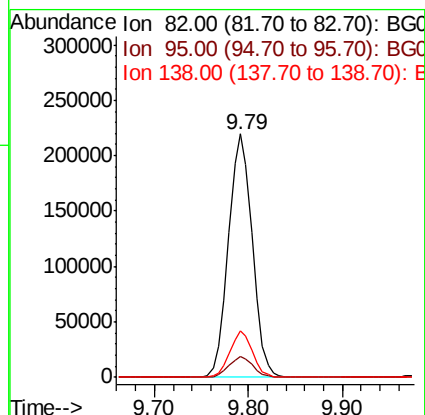
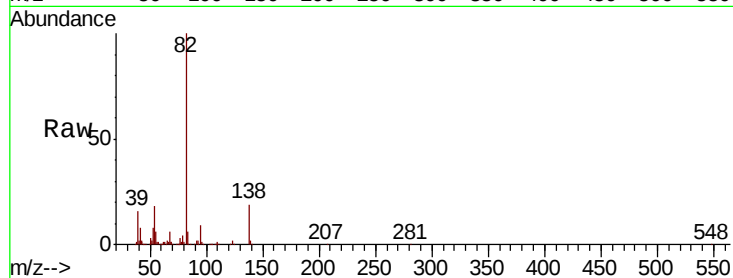
#25
Isophorone
Concen: 45.247 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	7.0	10.4	
138	18.9	13.8	20.6	

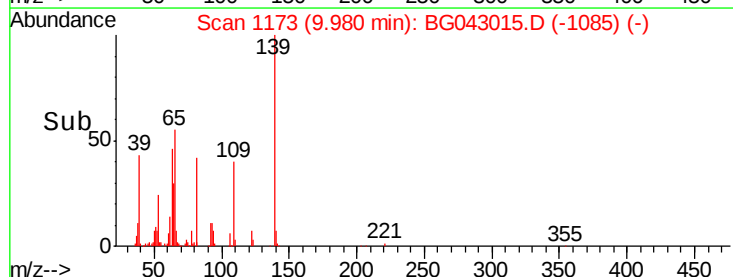
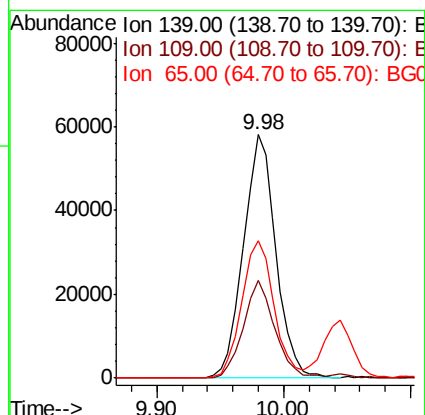
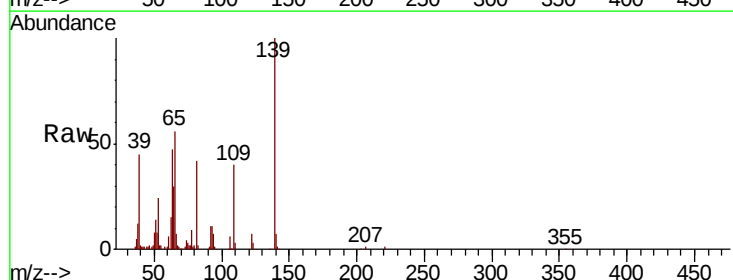
Manual Integrations
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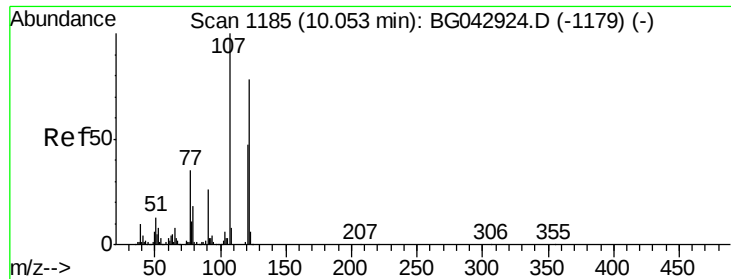
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#26
2-Nitrophenol
Concen: 52.351 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.9	31.0	46.6	
65	56.4	48.4	72.6	





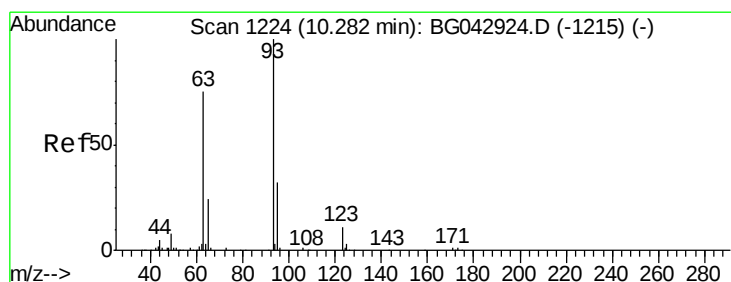
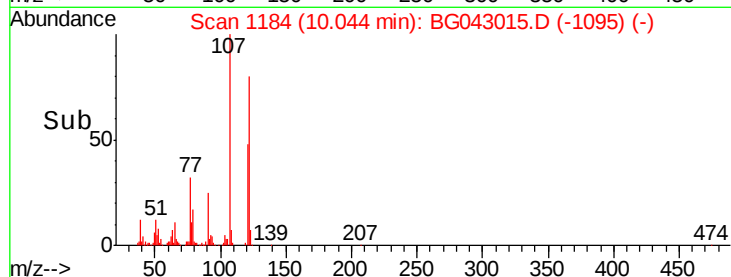
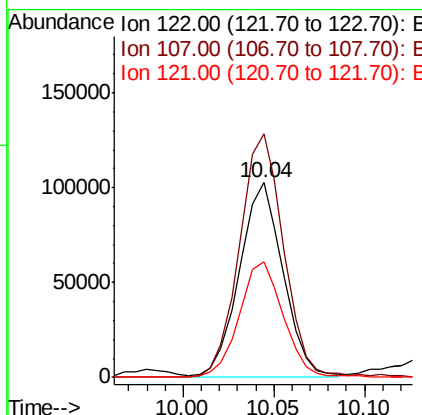
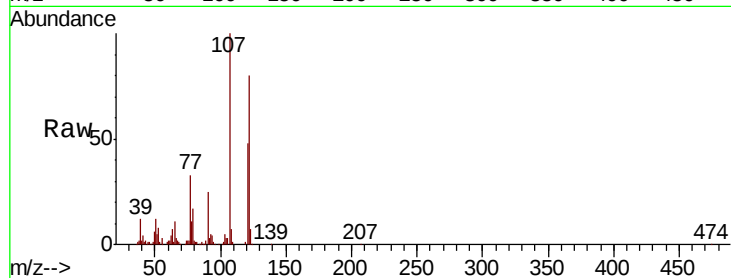
#27
2,4-Dimethylphenol
Concen: 56.260 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.0	102.2	153.2	
121	59.6	48.5	72.7	

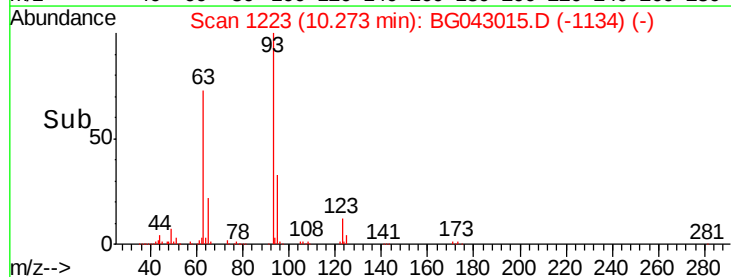
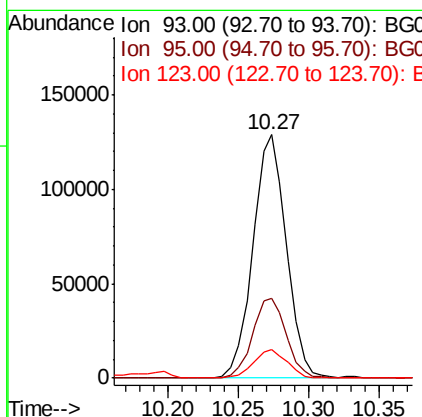
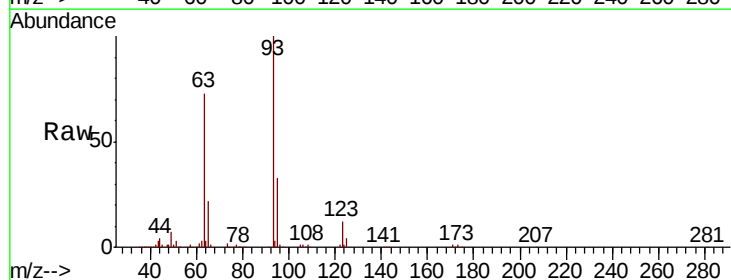
Manual Integrations
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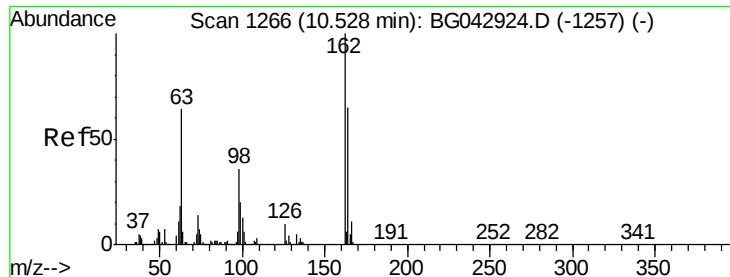
mohammad
10/7/2019 8:26:30 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.331 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	25.4	38.0	
123	11.9	9.3	13.9	





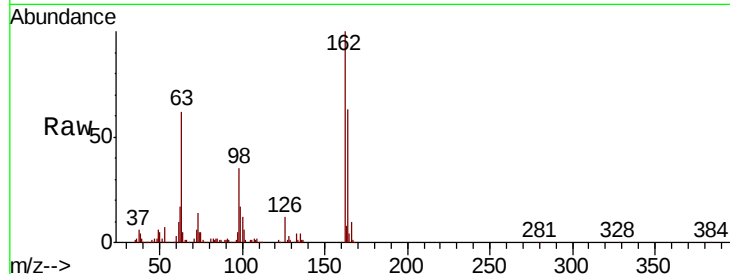
#29
 2,4-Dichlorophenol
 Concen: 51.635 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	194274		
164	62.7	44.7	84.7	
98	35.0	16.0	56.0	

Manual Integrations
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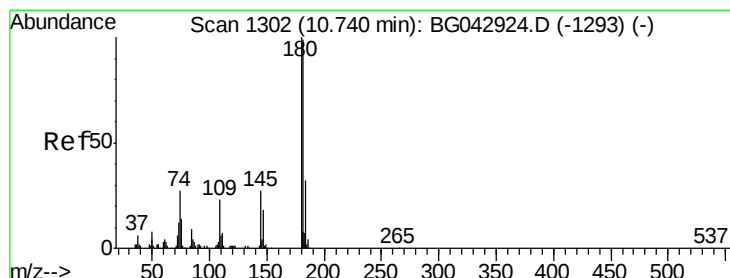
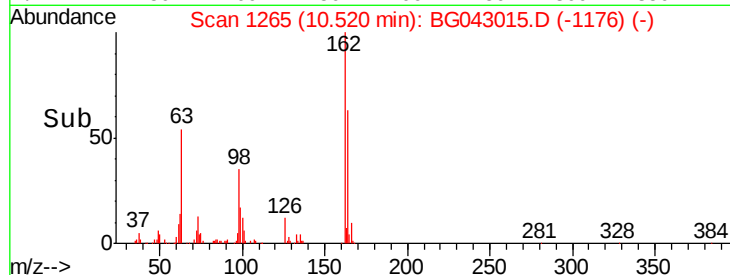
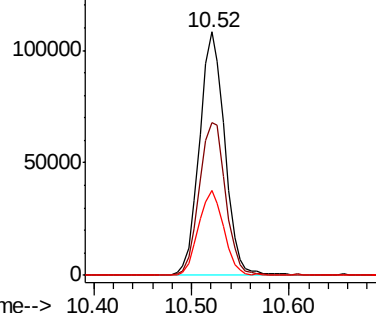


Abundance

Ion 162.00 (161.70 to 162.70): E

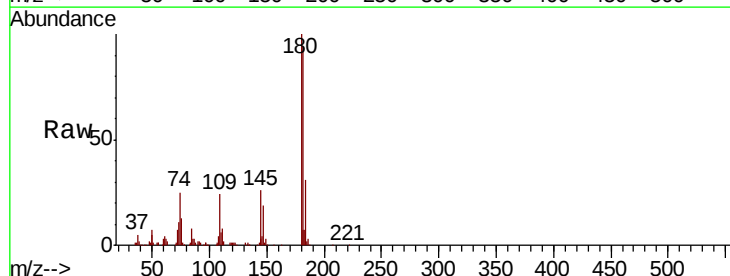
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 45.941 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223214		
182	93.7	79.3	118.9	
145	25.9	22.0	33.0	

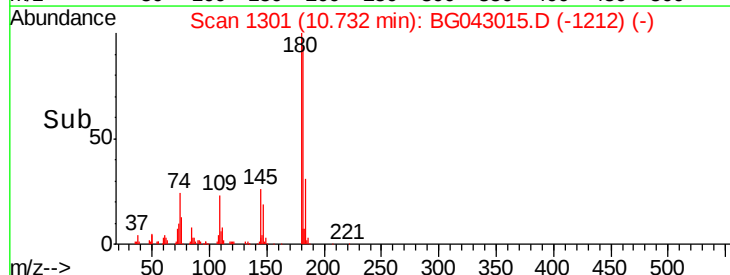
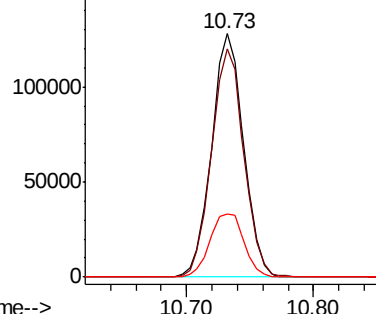


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





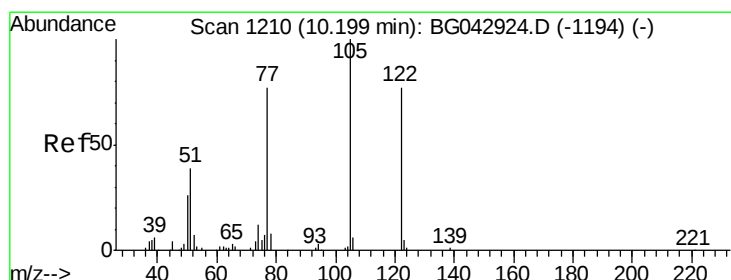
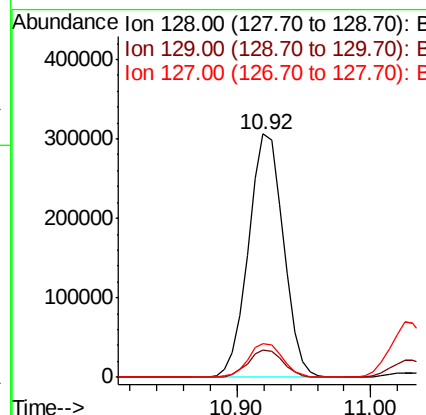
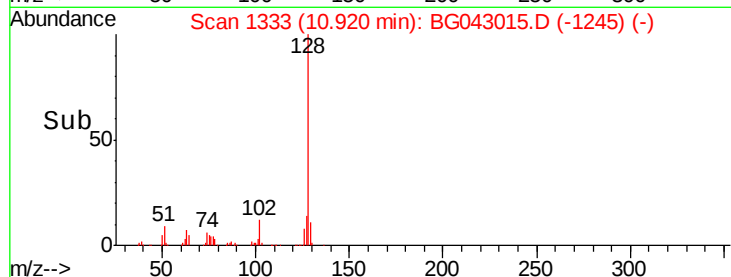
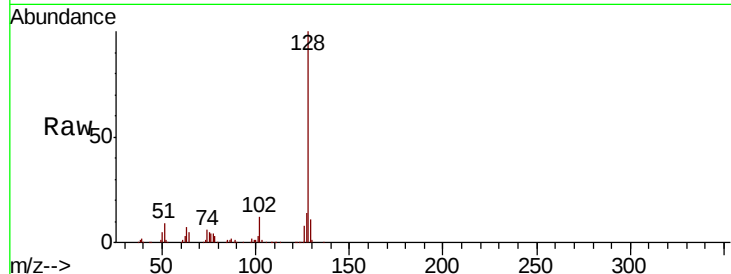
#31
Naphthalene
Concen: 47.605 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.0	11.3	16.9

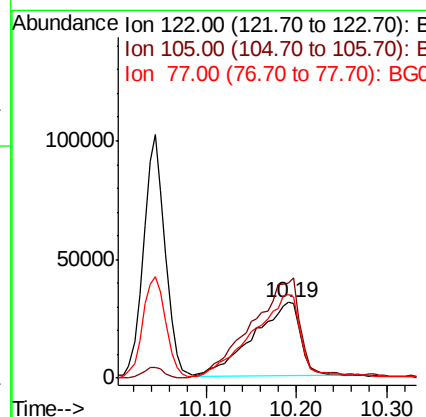
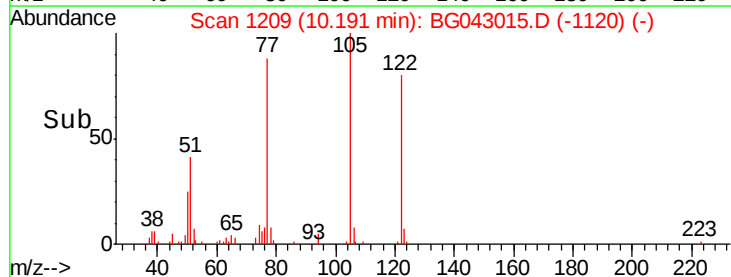
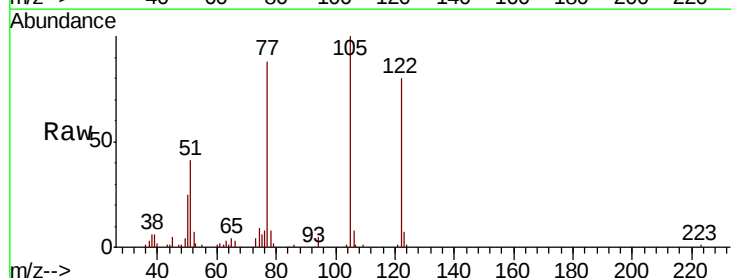
Manual Integrations
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#32
Benzoic acid
Concen: 48.186 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	107.5	147.5
77	109.7	79.8	119.8





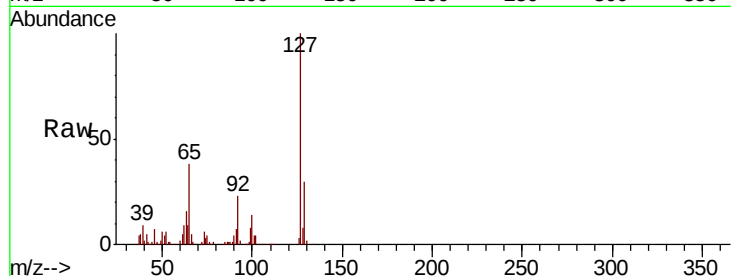
#33
4-Chloroaniline
Concen: 27.265 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3	26.2	39.2		
65	37.9	30.6	45.8		
92	22.8	16.2	24.4		

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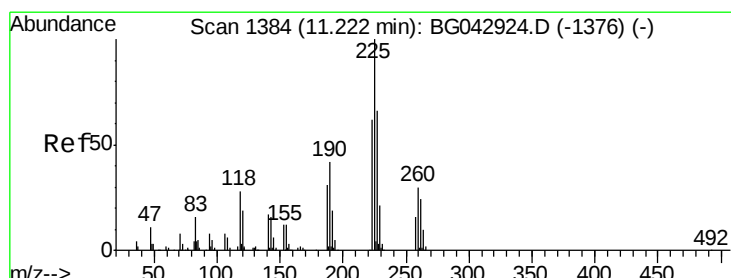
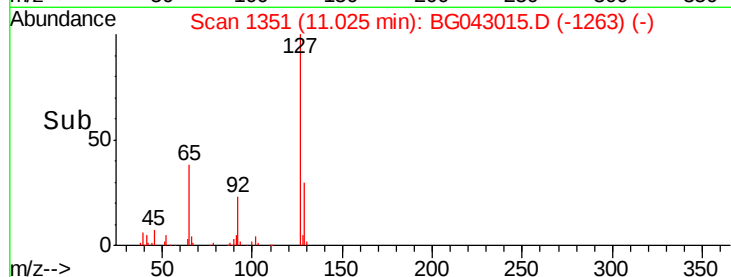
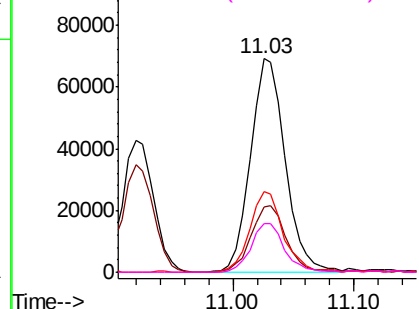
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

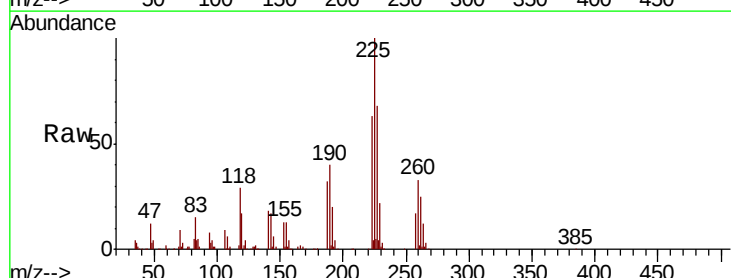
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.742 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	49.3	73.9		
227	68.3	52.8	79.2		

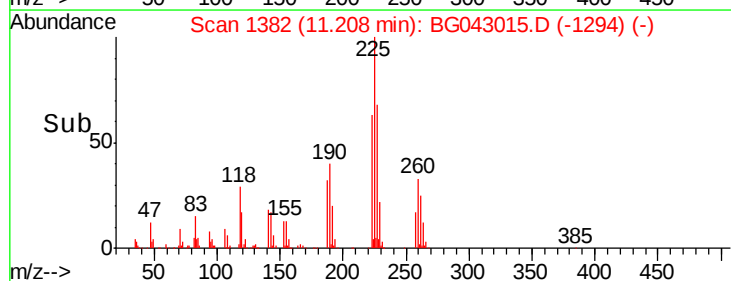
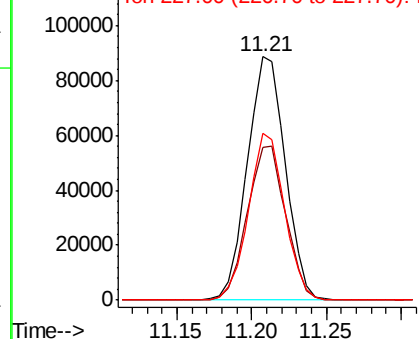


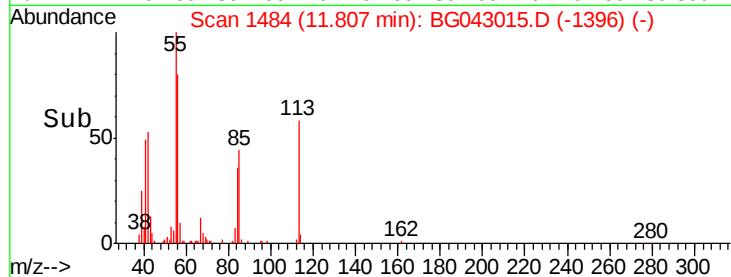
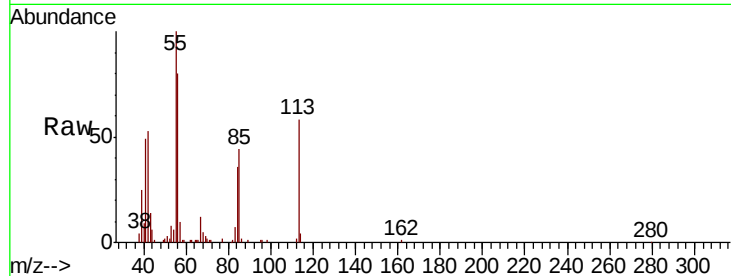
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





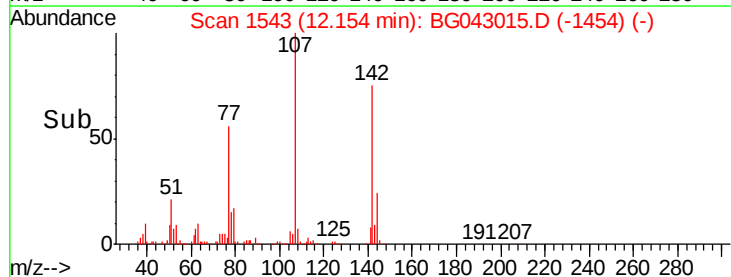
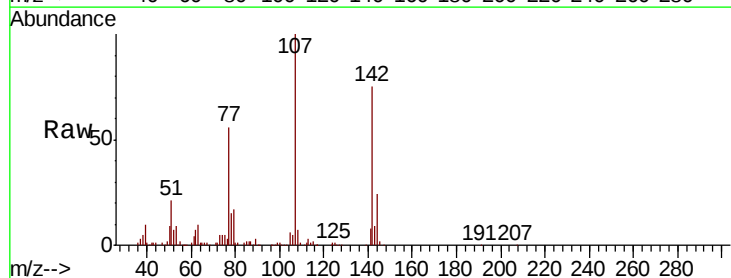
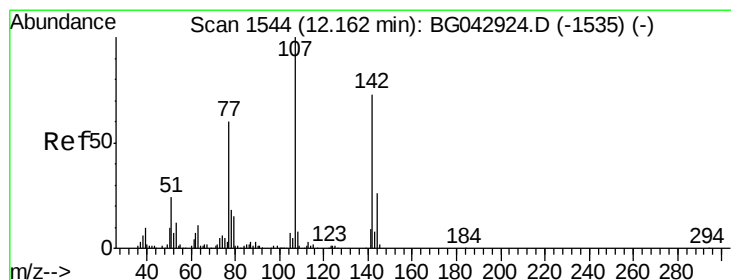
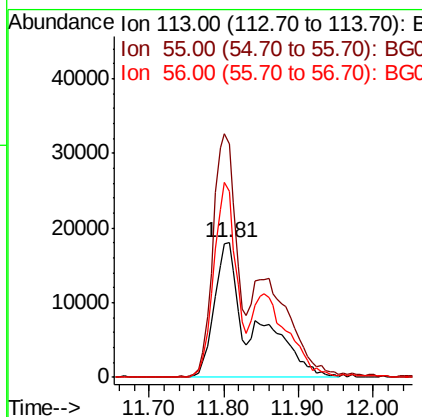
#35
Caprolactam
Concen: 48.623 ng/ml
RT: 11.81 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.3	175.5	215.5#
56	138.3	142.3	182.3#

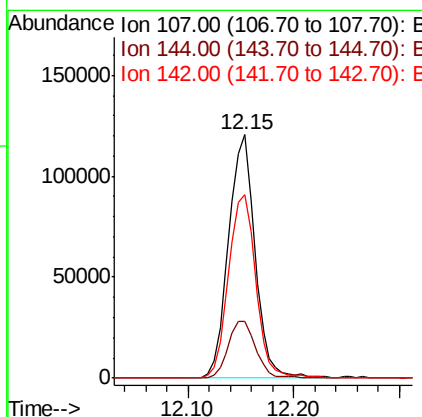
Manual Integrations
APPROVED

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#36
4-Chloro-3-methylphenol
Concen: 51.054 ng
RT: 12.15 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.7	31.1
142	75.3	58.6	87.8





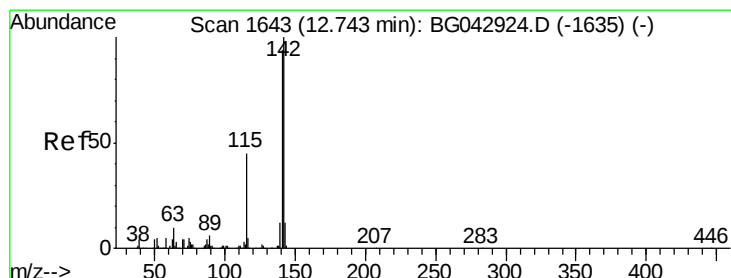
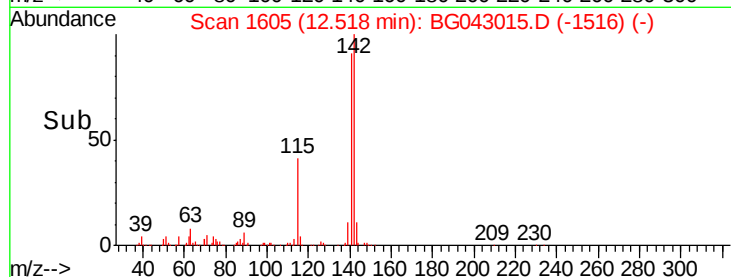
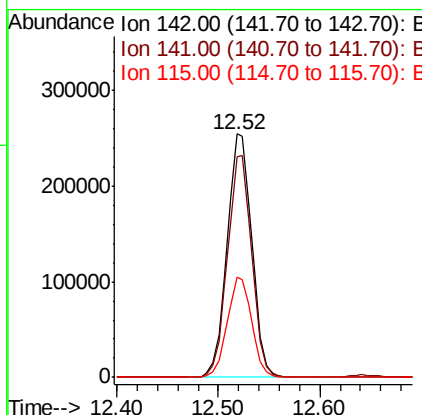
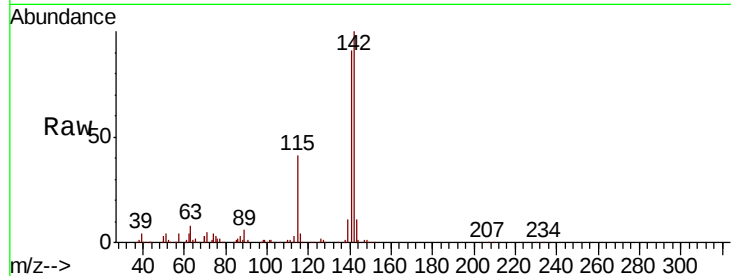
#37
 2-Methylnaphthalene
 Concen: 48.366 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	69.0	103.4
115	41.3	32.8	49.2

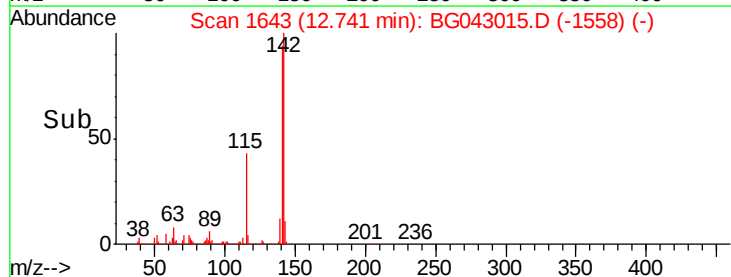
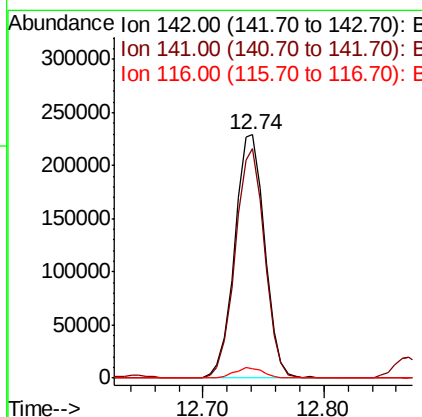
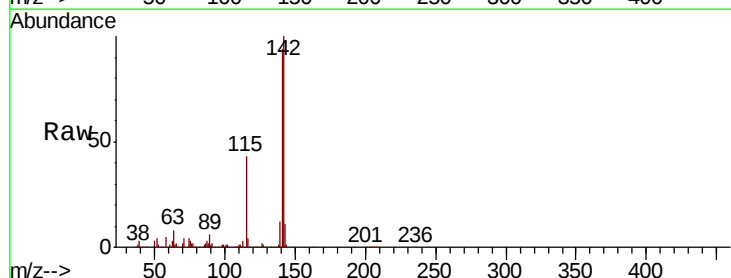
Manual Integrations
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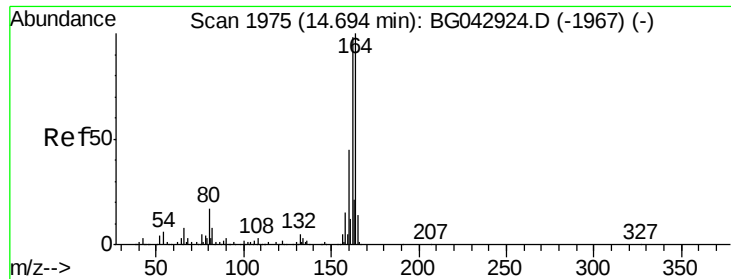
mohammad
 10/7/2019 8:26:30 AM



#38
 1-Methylnaphthalene
 Concen: 47.430 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.9	112.3
116	3.9	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

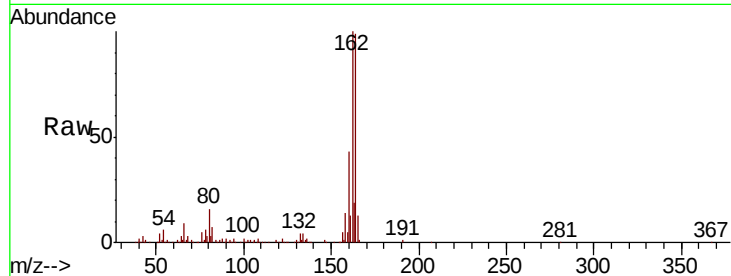
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	164	Resp:	176929
Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.5	117.7
160	44.0	35.9	53.9

Manual Integrations
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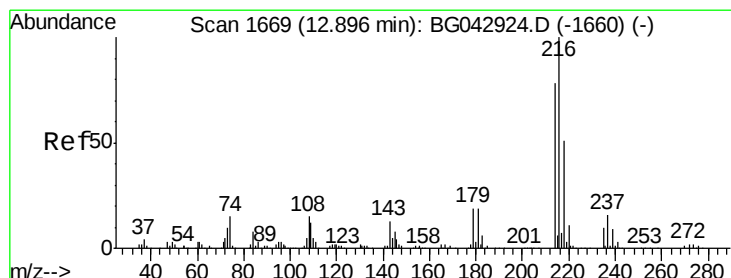
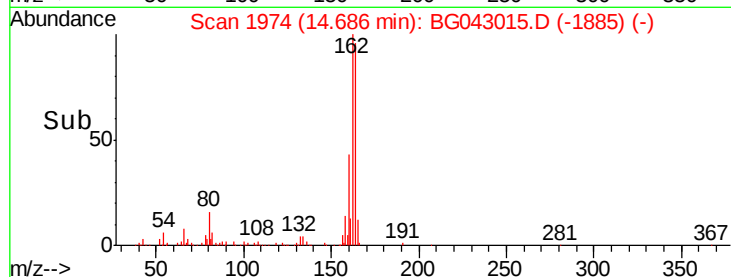
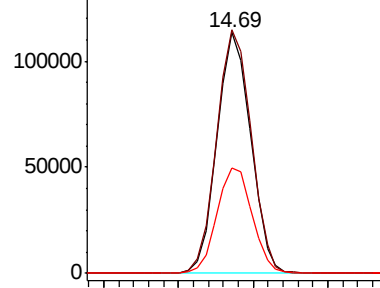


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.616 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	216	Resp:	276843
Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.4	93.6
179	20.5	15.4	23.2
108	16.5	12.6	19.0

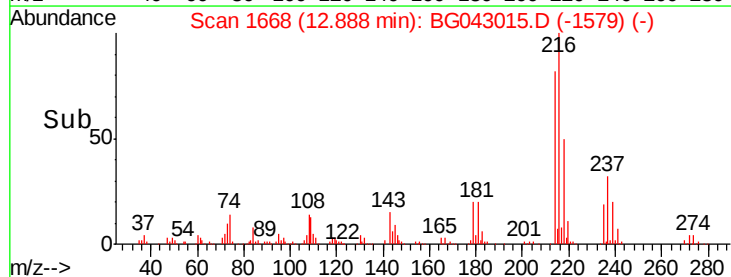
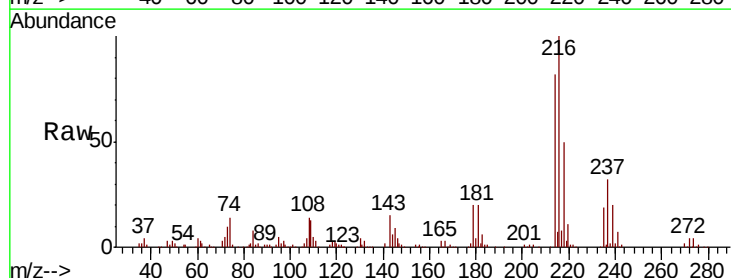
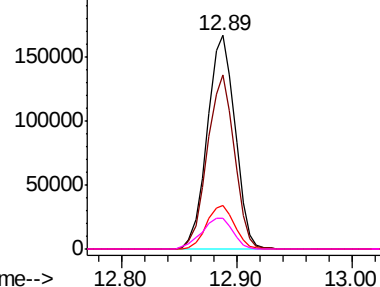
Abundance

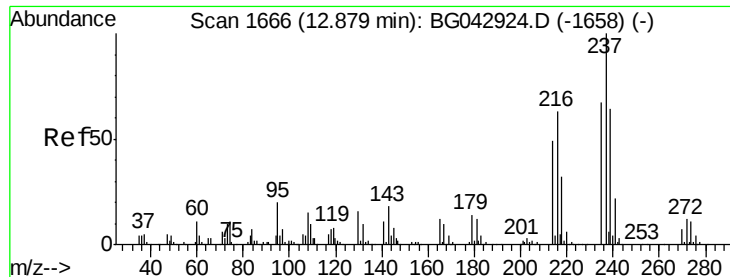
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





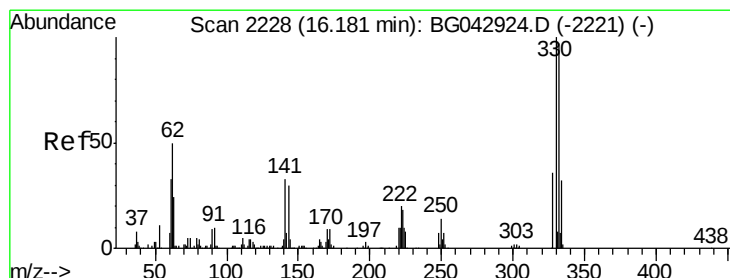
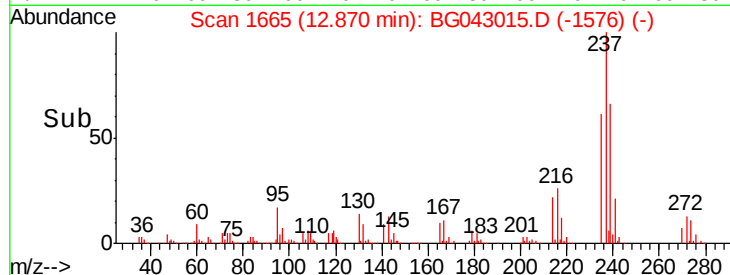
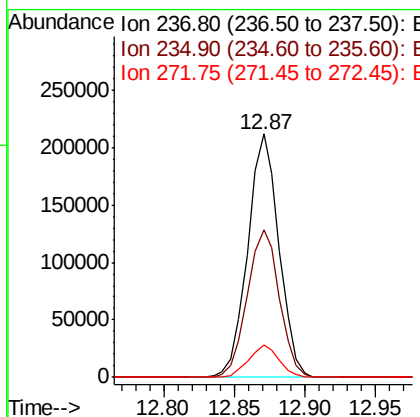
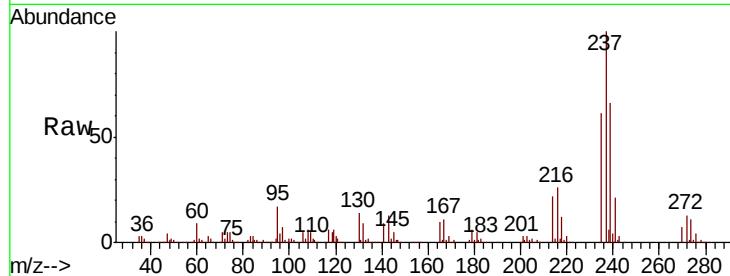
#41
Hexachlorocyclopentadiene
Concen: 77.405 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.8	46.7	86.7	
272	13.4	0.0	32.3	

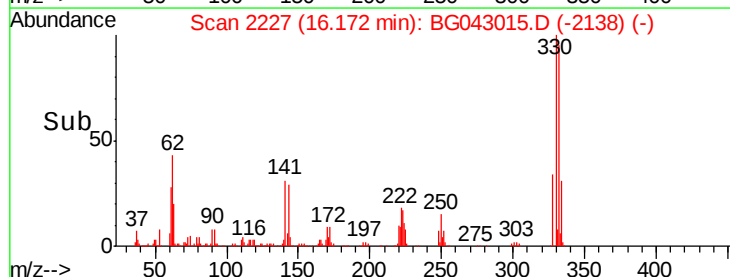
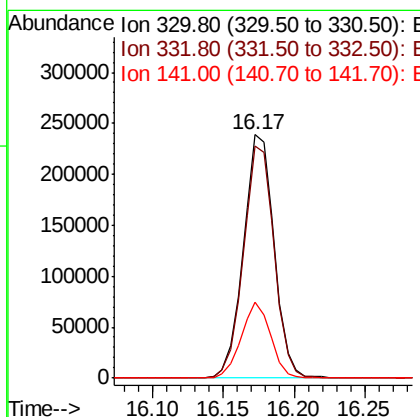
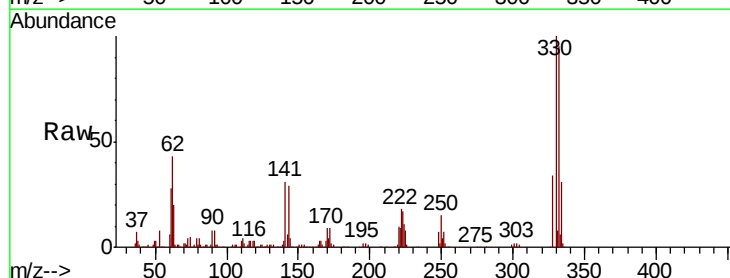
Manual Integrations
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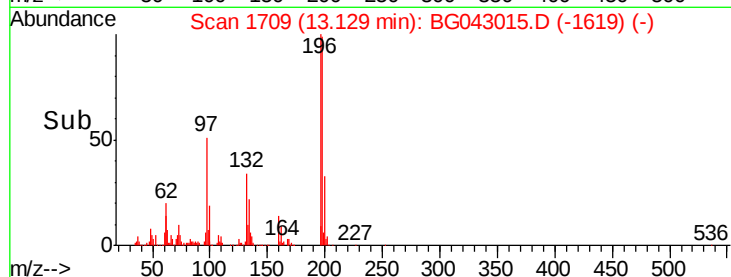
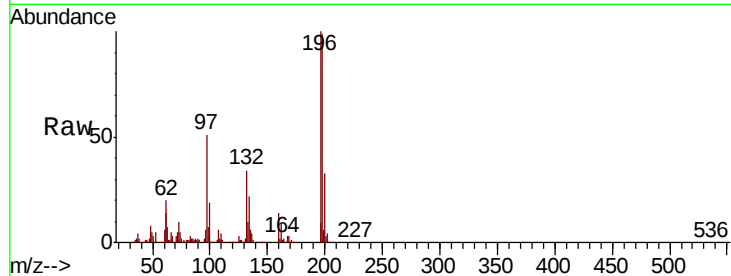
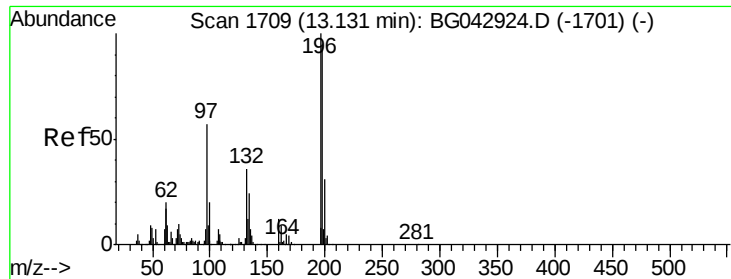
mohammad
10/7/2019 8:26:30 AM



#42
2,4,6-Tribromophenol
Concen: 119.438 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	78.2	117.2	
141	29.8	26.0	39.0	





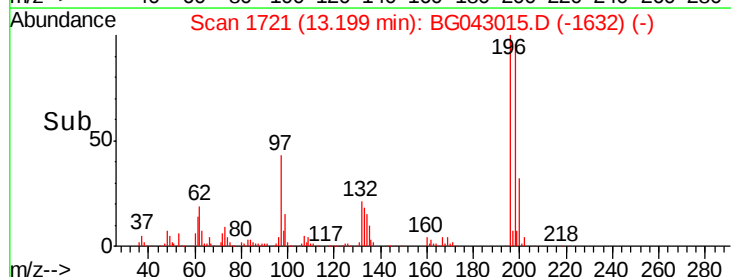
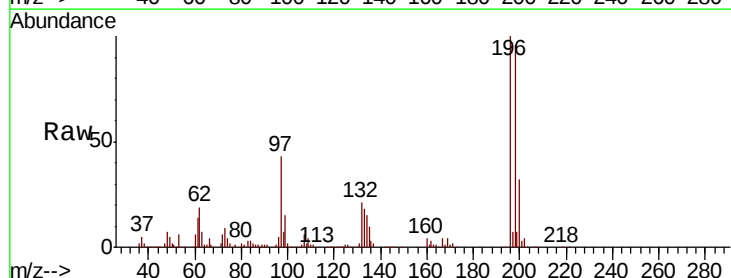
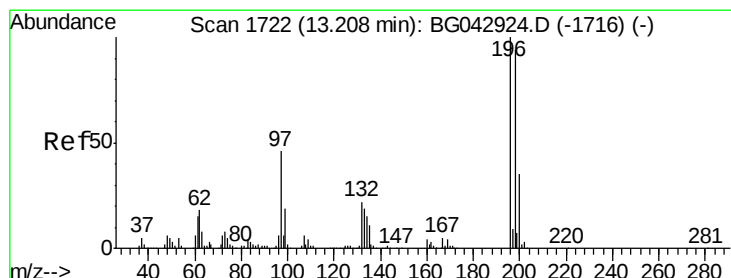
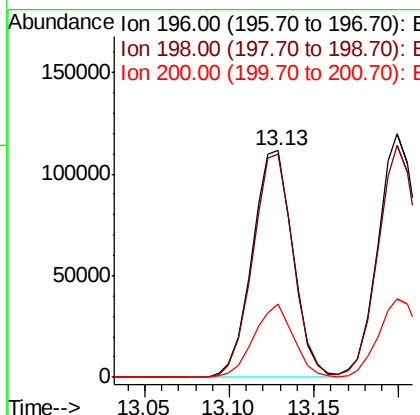
#43
2,4,6-Trichlorophenol
Concen: 48.004 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186911		
198	98.8	75.5	113.3	
200	32.5	24.9	37.3	

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

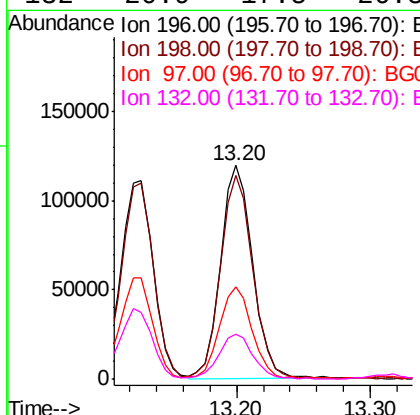
Manual Integrations
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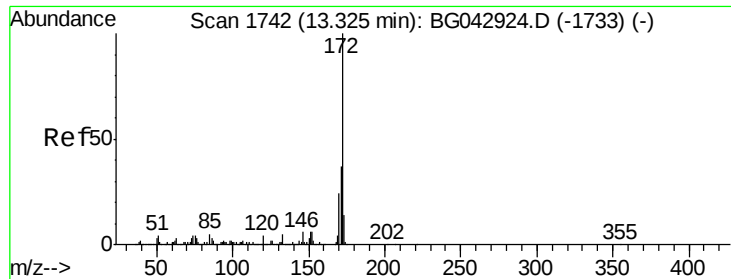
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 50.293 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201729		
198	95.5	75.1	112.7	
97	43.0	37.0	55.4	
132	20.9	17.5	26.3	





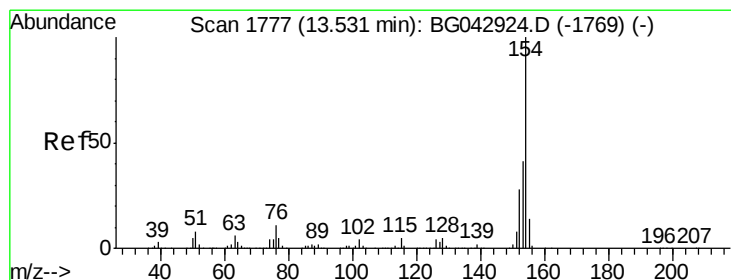
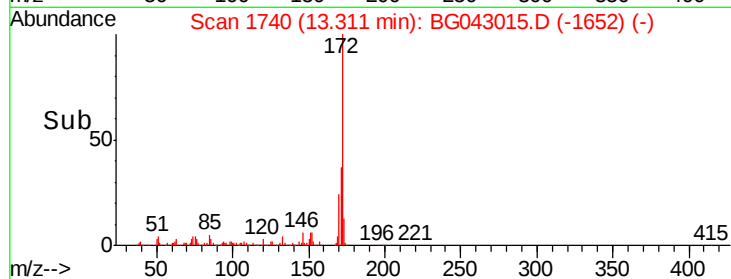
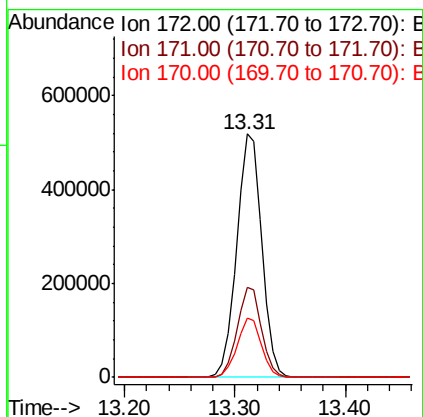
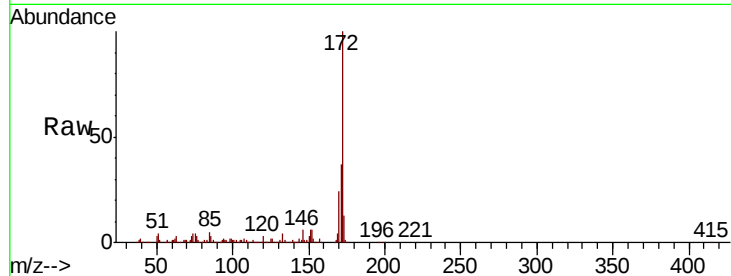
#45
2-Fluorobiphenyl
Concen: 67.472 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.2	19.6	29.4

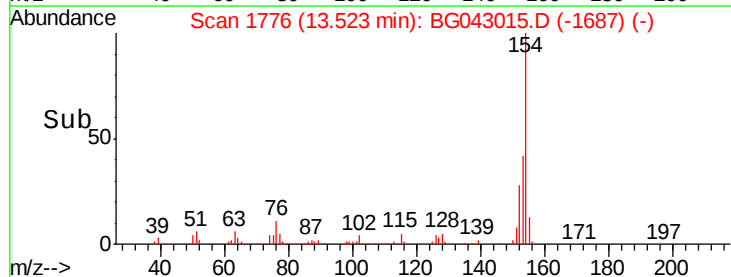
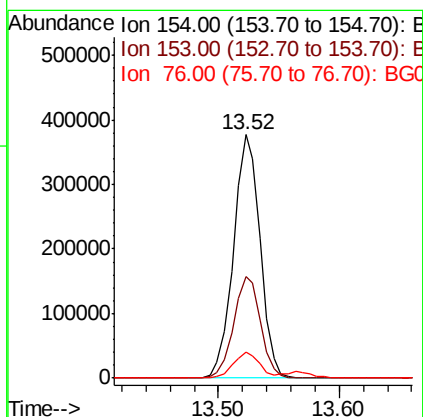
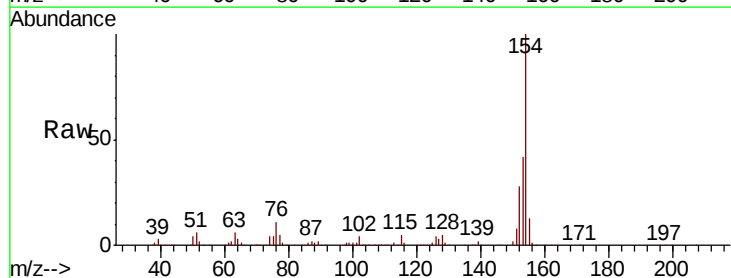
Manual Integrations
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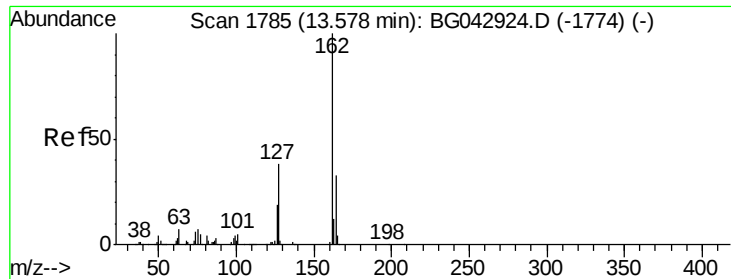
mohammad
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#46
1,1'-Biphenyl
Concen: 42.979 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.4	61.4
76	10.7	0.0	31.3





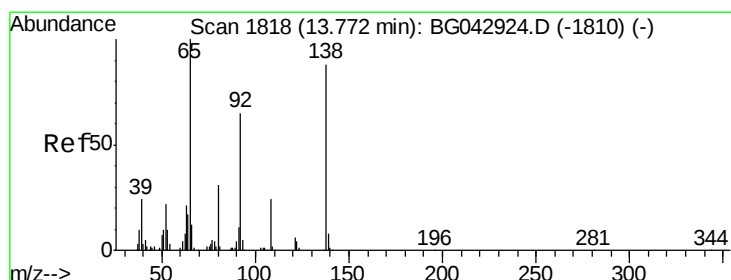
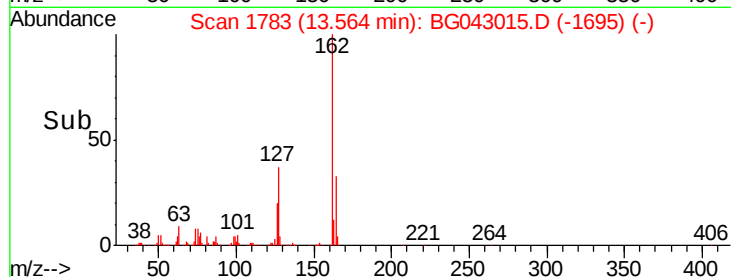
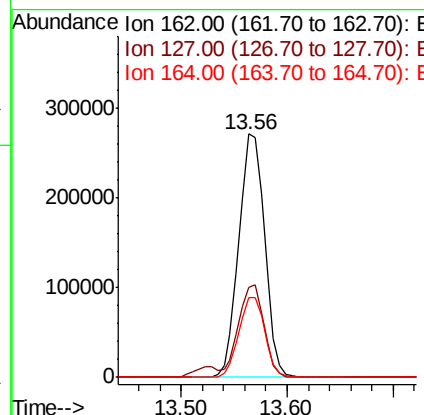
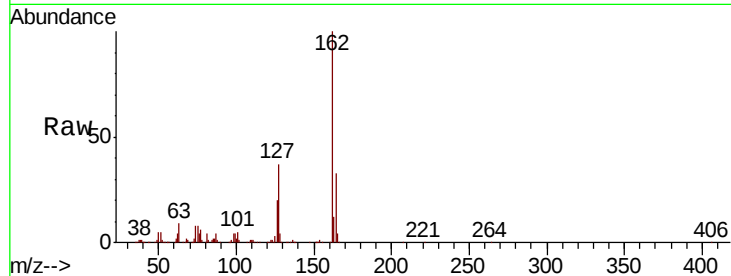
#47
2-Chloronaphthalene
Concen: 45.483 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	457541		
127	37.1		31.0	46.6
164	33.0		26.2	39.2

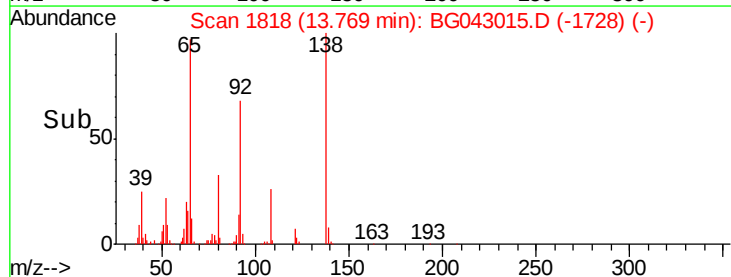
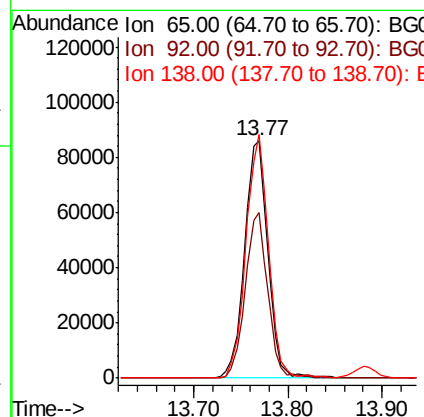
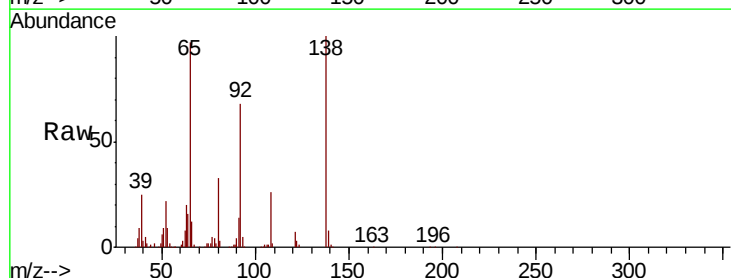
Manual Integrations
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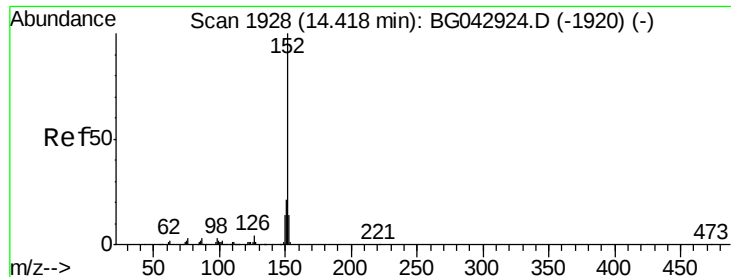
mohammad
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#48
2-Nitroaniline
Concen: 44.124 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147607		
92	69.7		52.0	78.0
138	102.6		70.4	105.6





#49

Acenaphthylene

Concen: 48.244 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

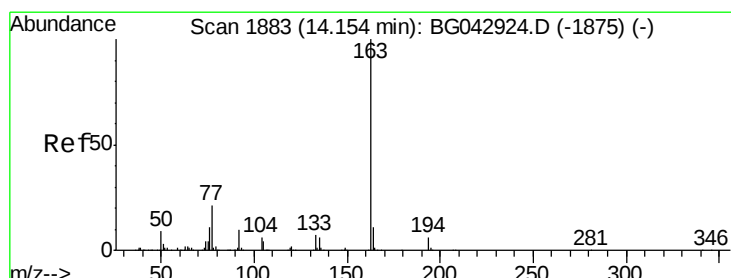
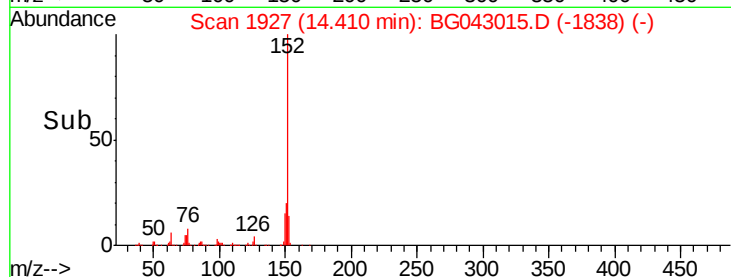
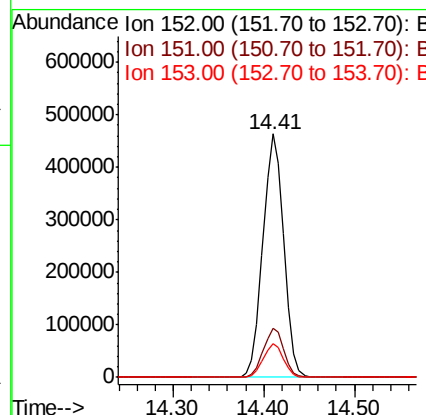
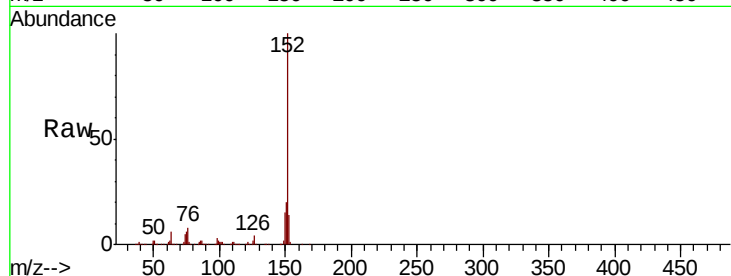
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	152	Resp:	742609
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.7	11.3	16.9

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#50

Dimethylphthalate

Concen: 53.988 ng

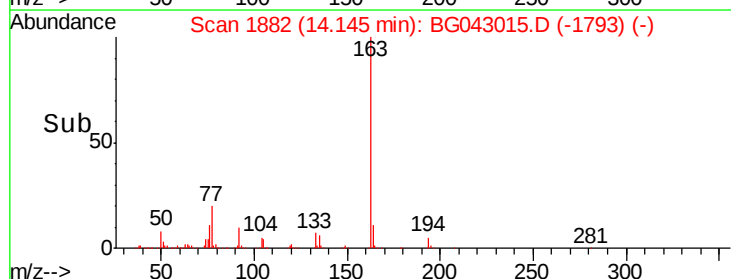
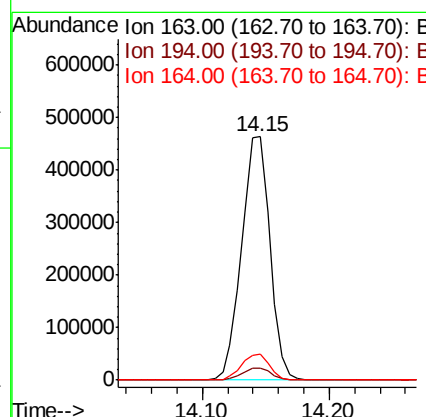
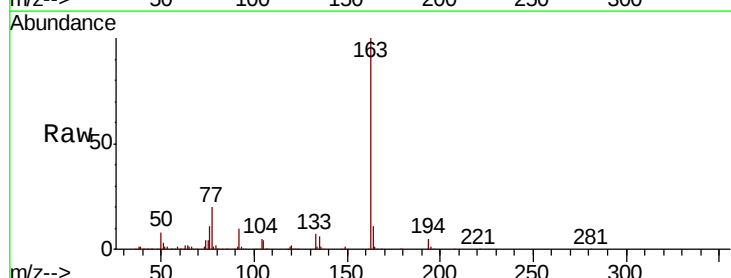
RT: 14.15 min Scan# 1882

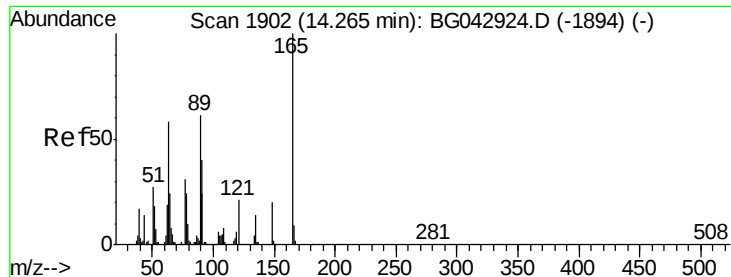
Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	163	Resp:	715696
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.4	6.6
164	10.6	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 48.269 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

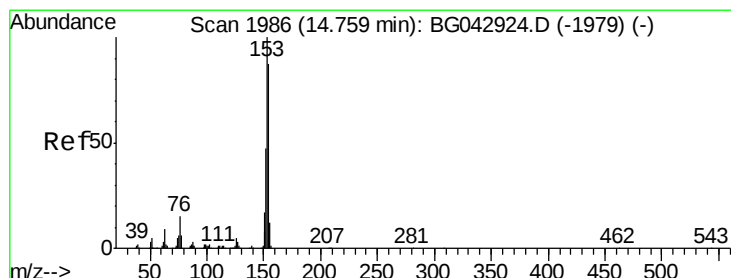
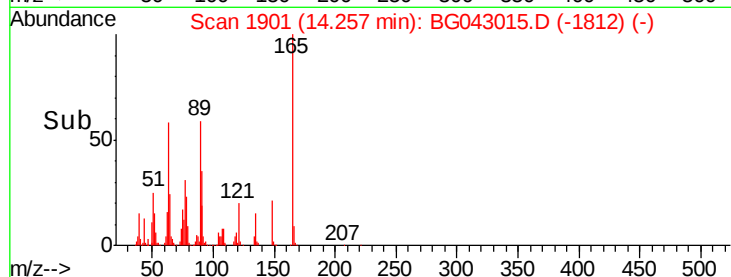
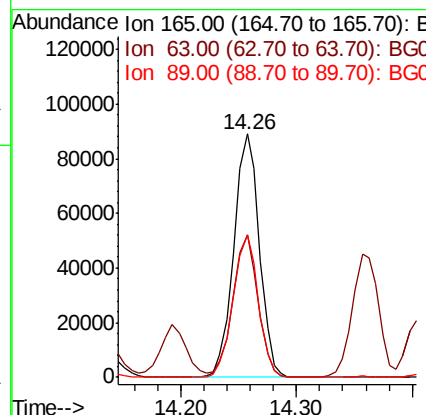
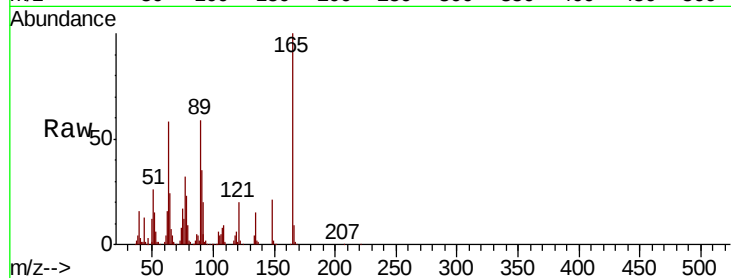
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	165	Resp:	136268
Ion Ratio	Lower	Upper	
165	100		
63	58.4	50.3	75.5
89	58.6	48.9	73.3

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#52

Acenaphthene

Concen: 43.948 ng

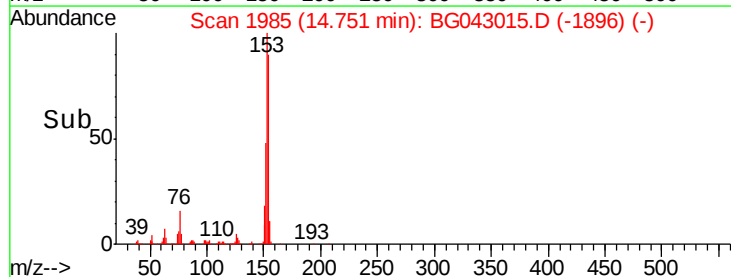
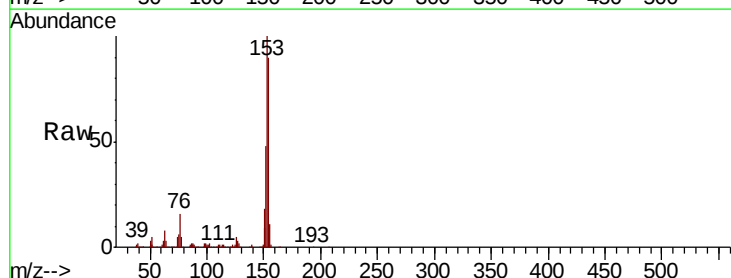
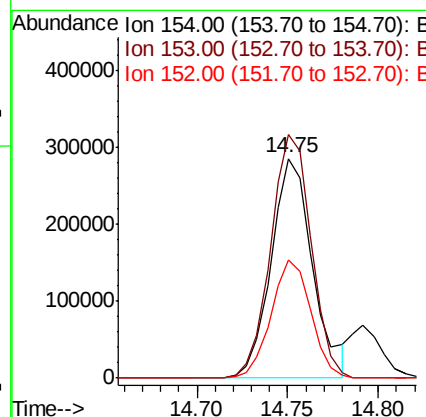
RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	154	Resp:	452801
Ion Ratio	Lower	Upper	
154	100		
153	110.7	91.4	137.0
152	53.7	42.8	64.2





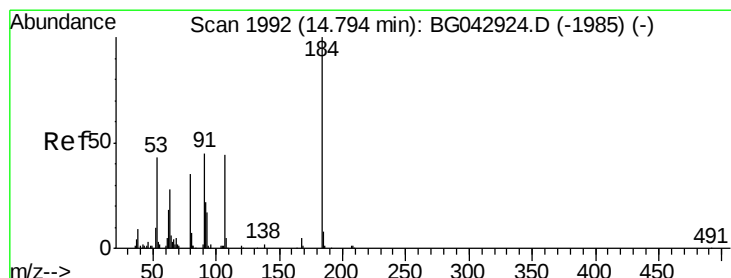
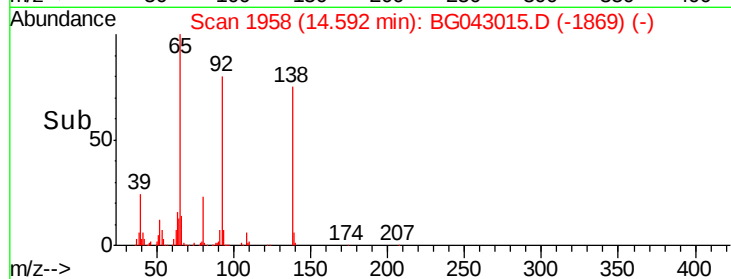
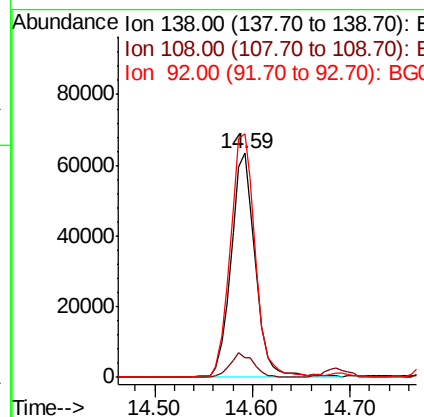
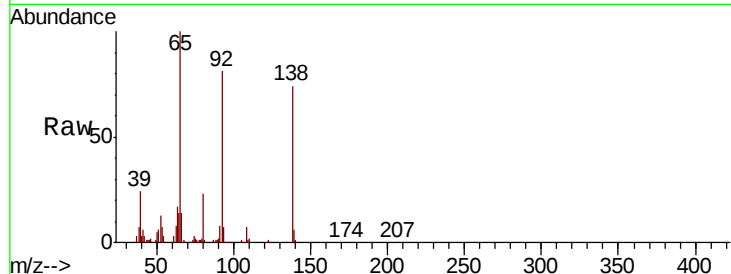
#53
3-Nitroaniline
Concen: 37.290 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.9	11.9
92	108.6	97.0	145.6

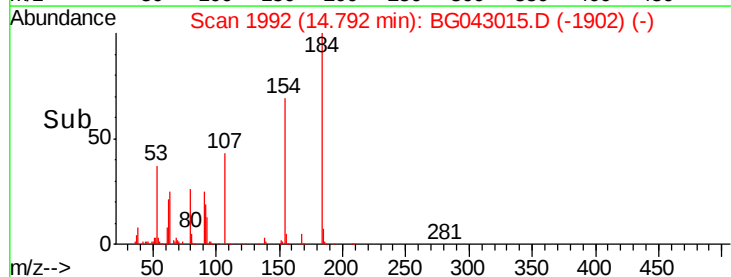
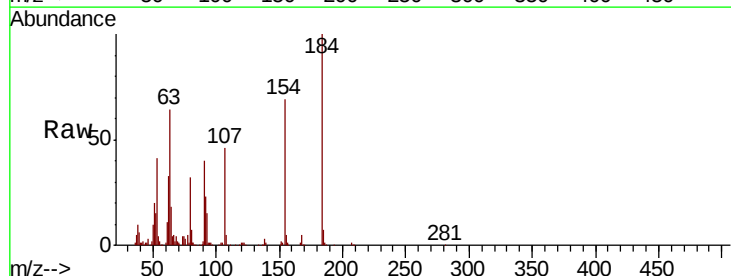
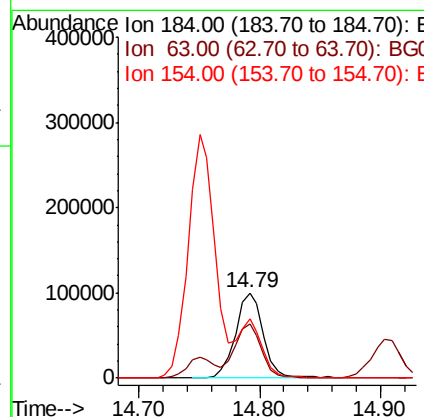
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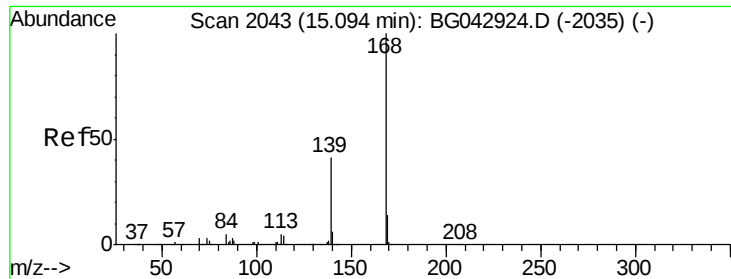
mohammad
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#54
2,4-Dinitrophenol
Concen: 90.857 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	55.0	82.6
154	69.4	56.5	84.7





#55

Dibenzofuran

Concen: 47.028 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

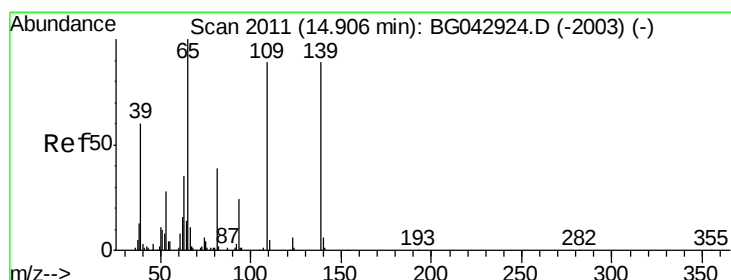
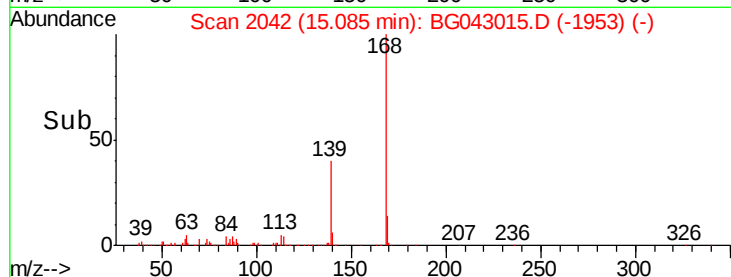
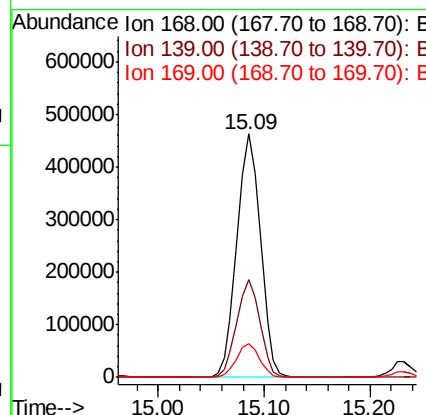
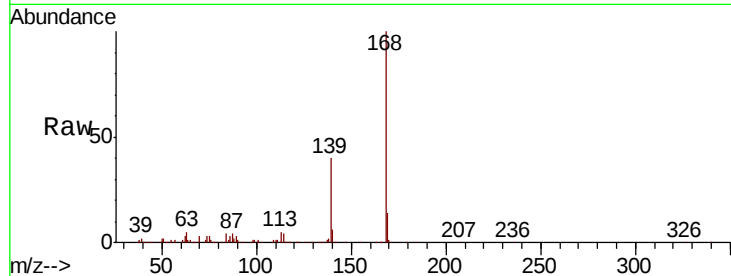
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	168	Resp:	716765
Ion Ratio	Lower	Upper	
168	100		
139	40.3	32.6	48.8
169	13.7	11.2	16.8

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#56

4-Nitrophenol

Concen: 101.537 ng

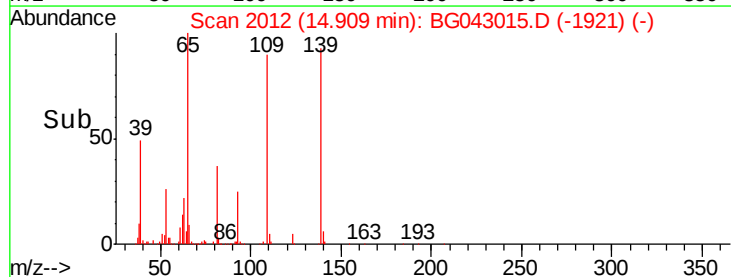
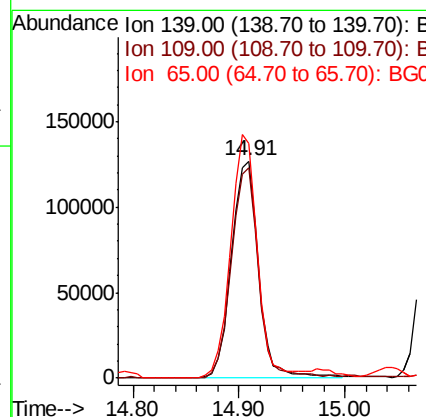
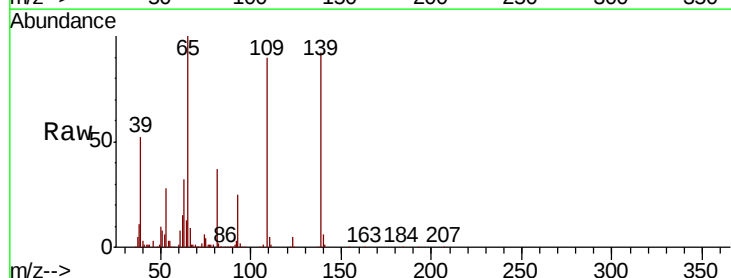
RT: 14.91 min Scan# 2012

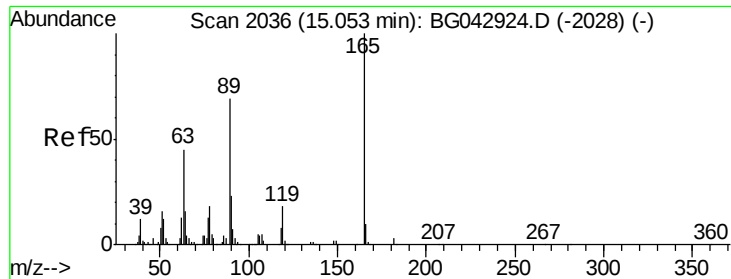
Delta R.T. 0.00 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	139	Resp:	225713
Ion Ratio	Lower	Upper	
139	100		
109	97.0	79.4	119.4
65	108.4	92.5	132.5





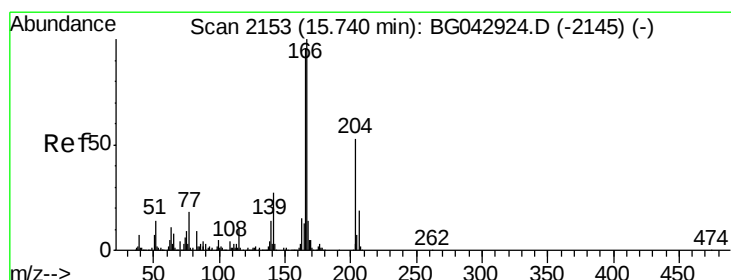
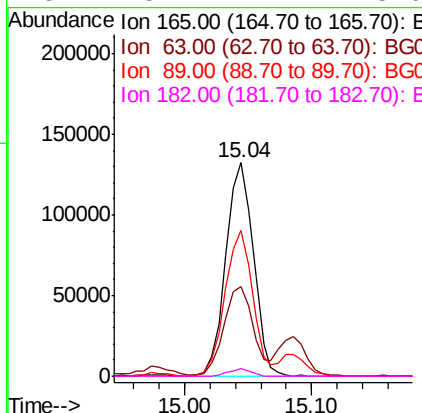
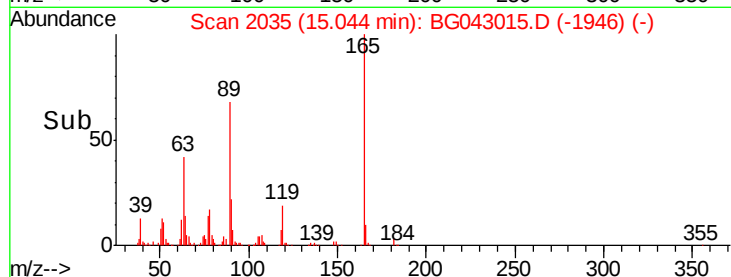
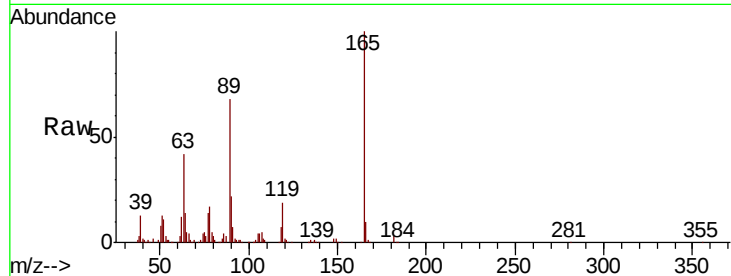
#57
 2,4-Dinitrotoluene
 Concen: 48.212 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199315		
63	41.9	36.5	54.7	
89	68.4	55.5	83.3	
182	3.4	2.4	3.6	

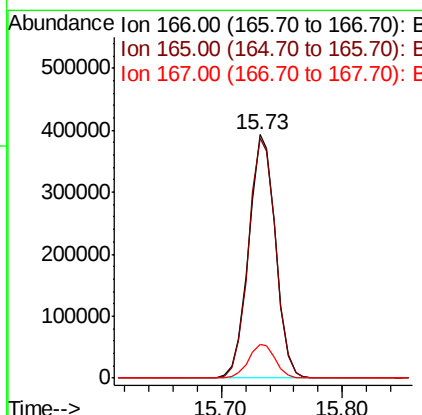
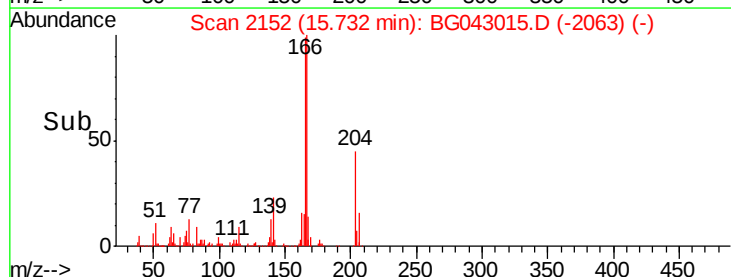
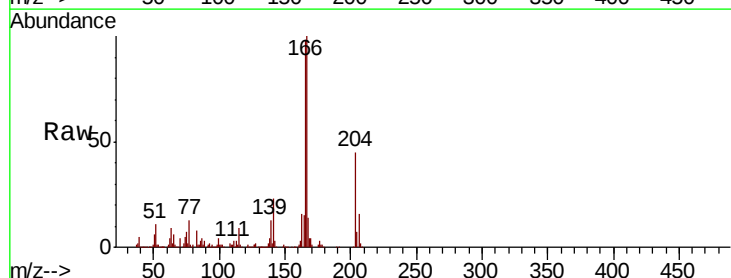
Manual Integrations
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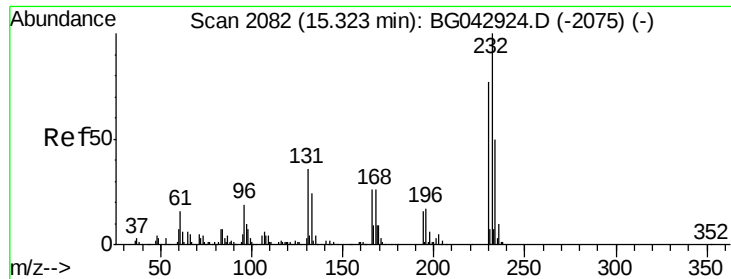
mohammad
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#58
 Fluorene
 Concen: 46.718 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	607902		
165	98.4	77.1	115.7	
167	13.8	11.0	16.6	





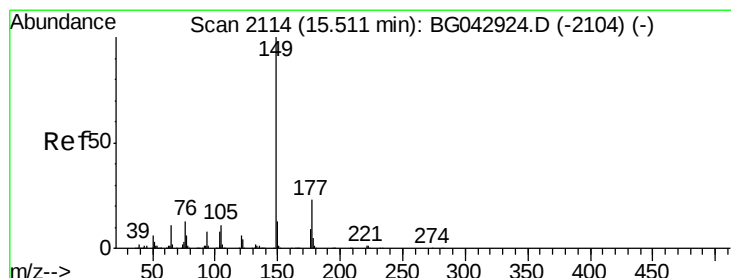
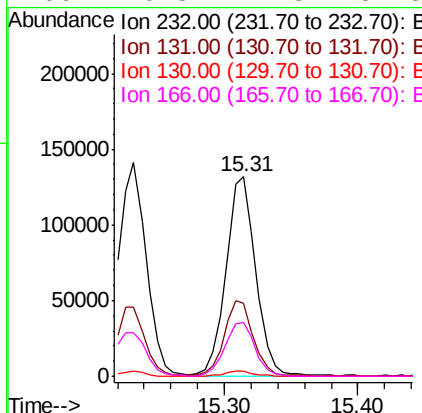
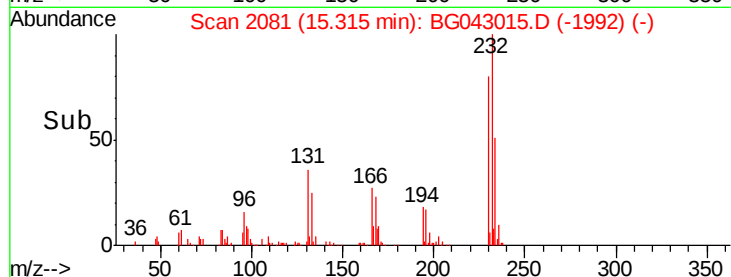
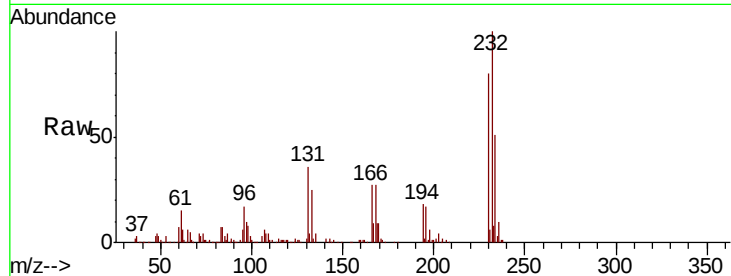
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.934 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	204717		
131	37.5		29.6	44.4
130	2.5		1.9	2.9
166	26.8		21.8	32.8

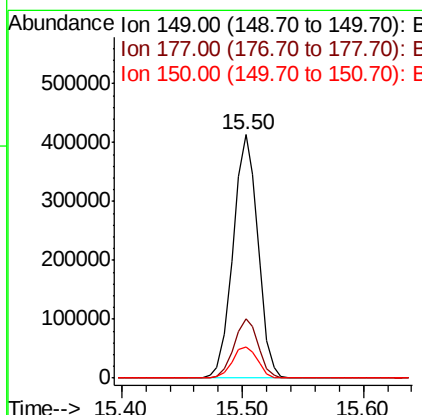
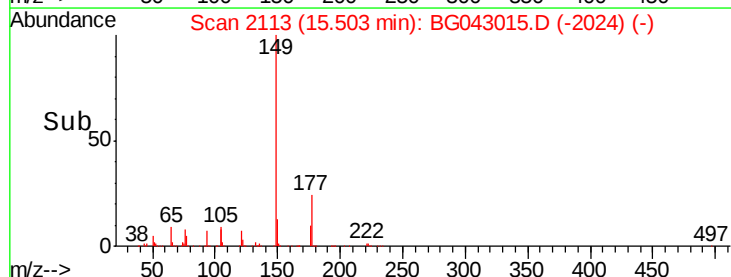
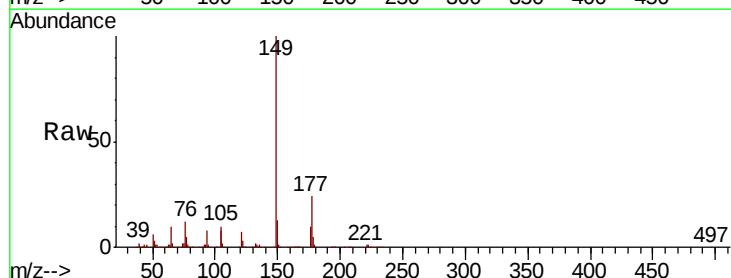
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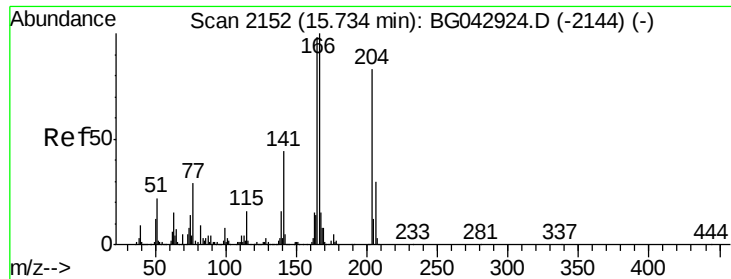
mohammad
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#60
 Diethylphthalate
 Concen: 43.781 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	590658		
177	24.1		18.8	28.2
150	12.9		10.6	15.8





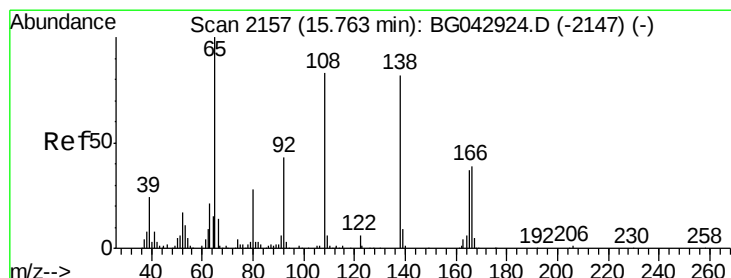
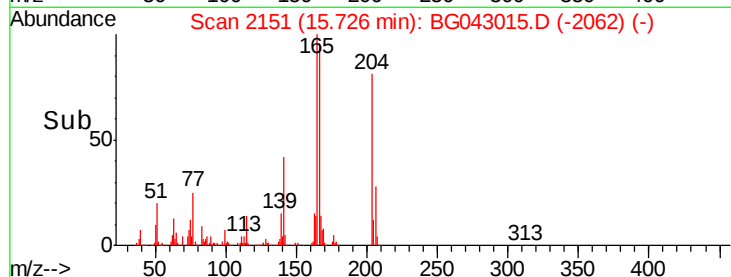
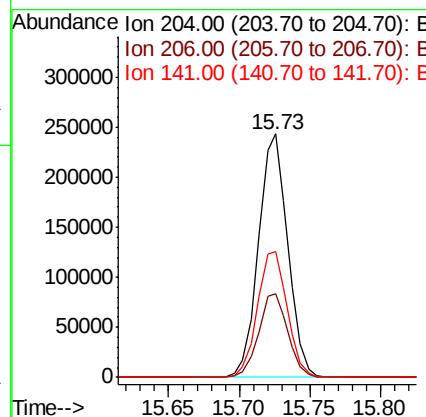
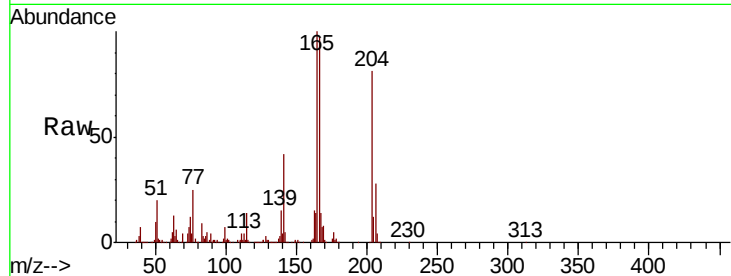
#61
 4-Chlorophenyl-phenylether
 Concen: 45.318 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.5	42.7
141	51.9	42.4	63.6

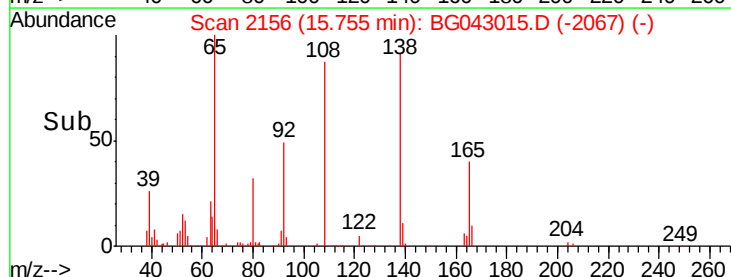
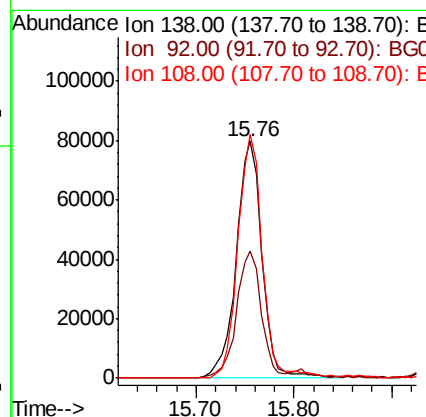
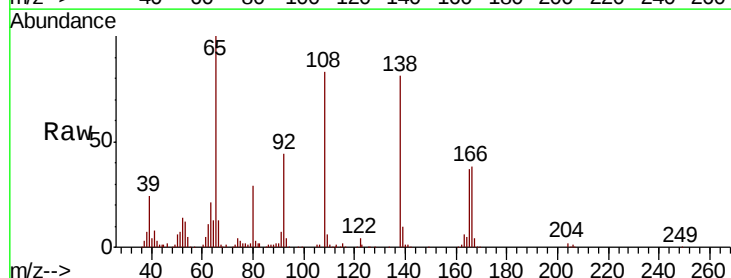
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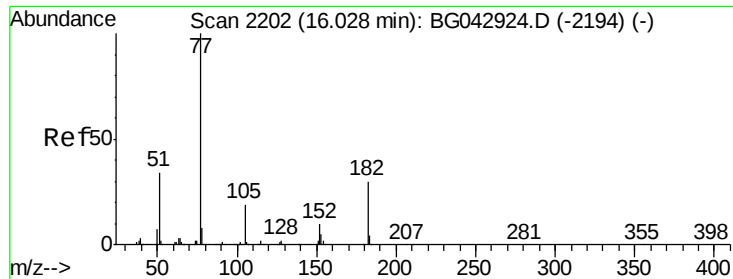
mohammad
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#62
 4-Nitroaniline
 Concen: 45.994 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.9	72.9
108	102.7	81.3	121.3





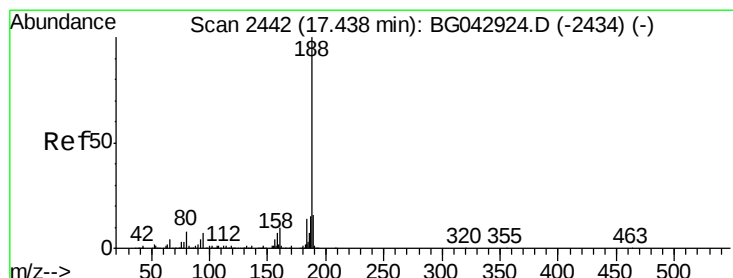
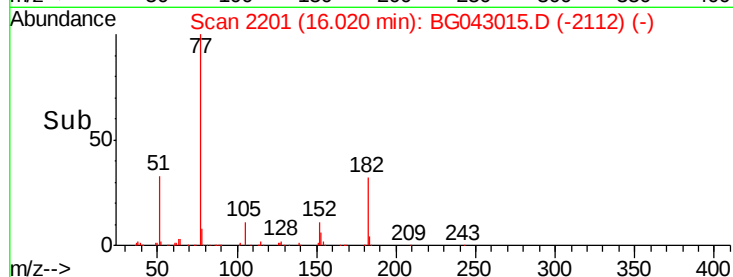
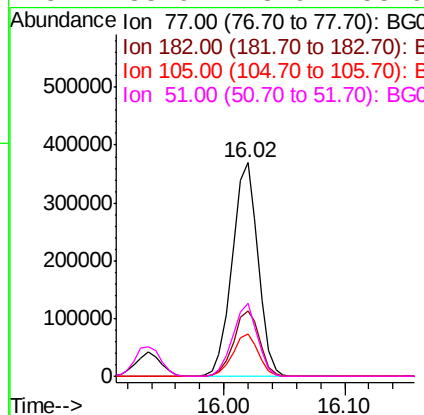
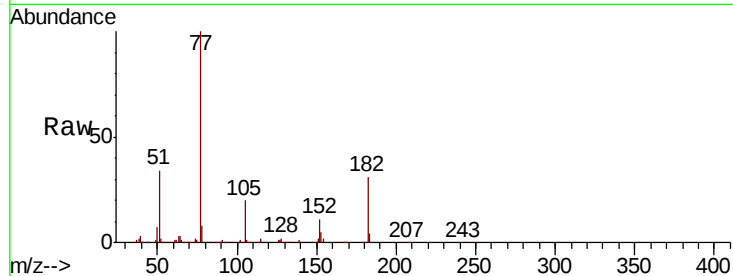
#63
Azobenzene
Concen: 44.570 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.8	10.2	50.2		
105	20.0	0.0	39.1		
51	33.9	13.9	53.9		

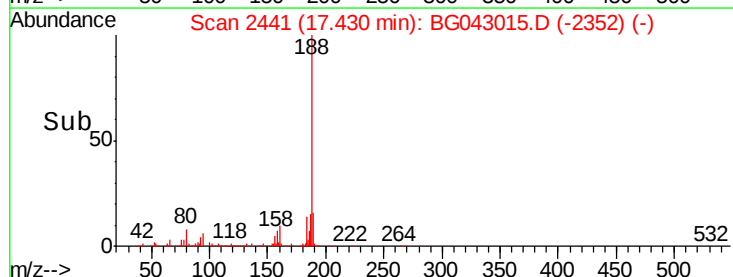
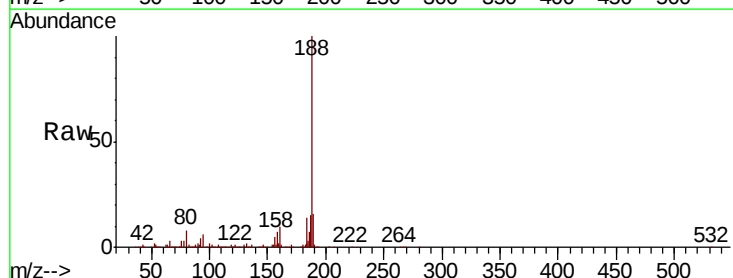
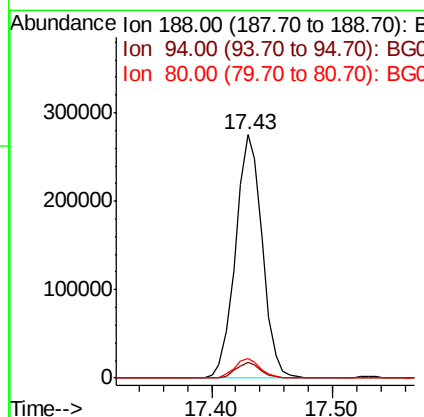
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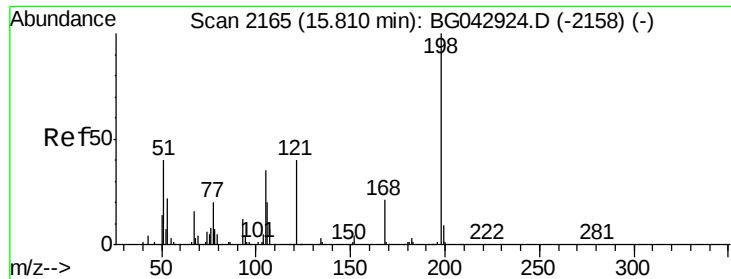
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.3	5.7	8.5		
80	8.1	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.653 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

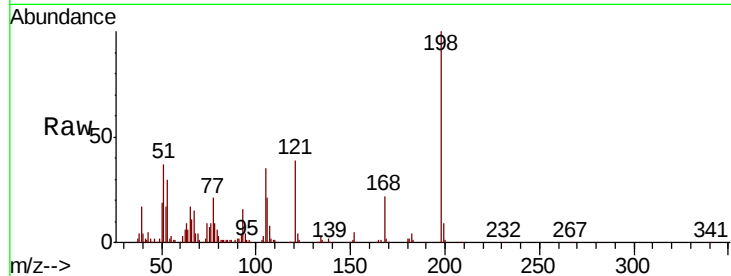
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	198	Resp:	116665
Ion Ratio	Lower	Upper	
198	100		
51	37.4	25.3	65.3
105	35.1	16.6	56.6

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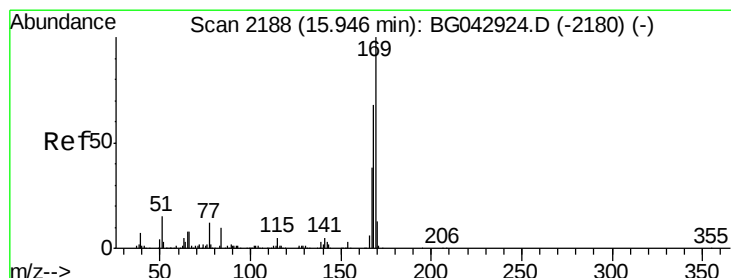
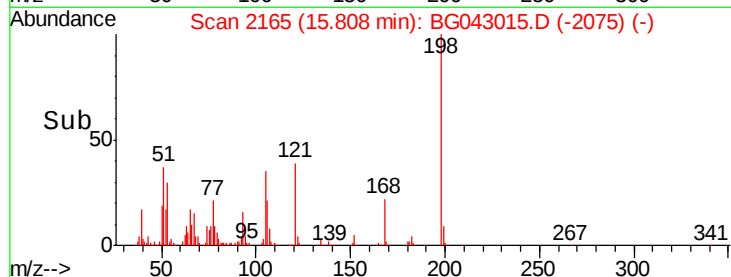
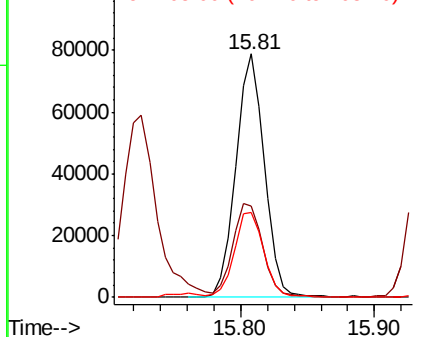


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.385 ng

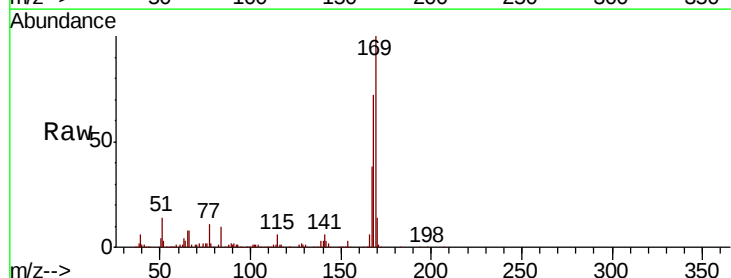
RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	169	Resp:	541263
Ion Ratio	Lower	Upper	
169	100		
168	71.7	54.8	82.2
167	38.1	30.6	46.0

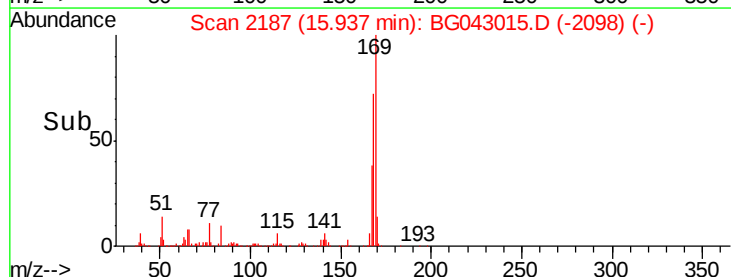
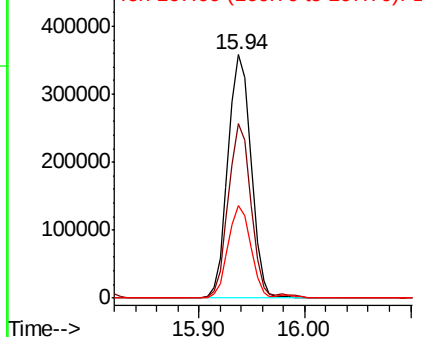


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





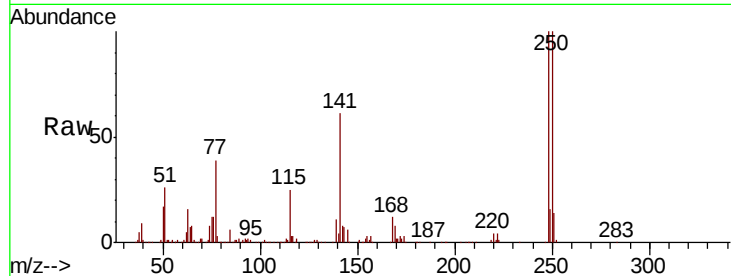
#67
4-Bromophenyl-phenylether
Concen: 46.437 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	75.8	113.8
141	61.3	51.1	76.7

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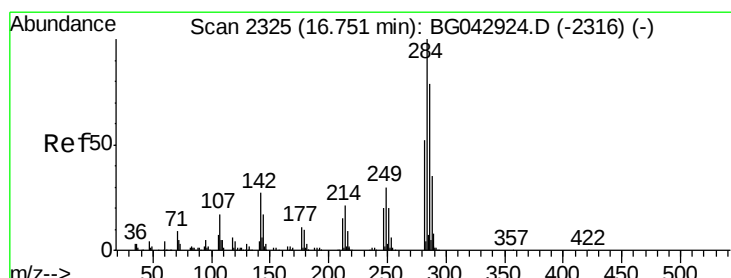
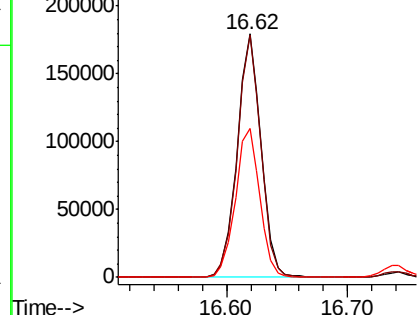
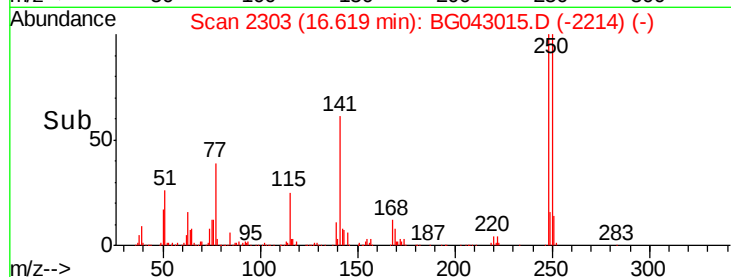


Abundance

Ion 248.00 (247.70 to 248.70): E

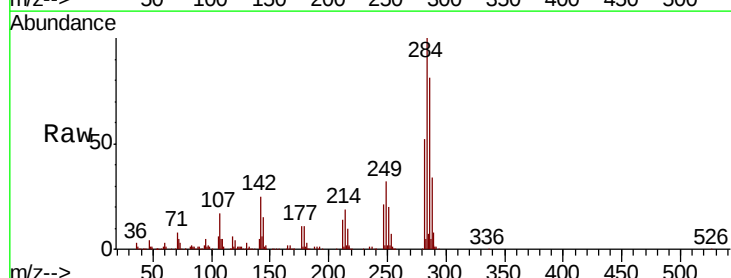
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.362 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.6	32.4
249	32.3	24.1	36.1

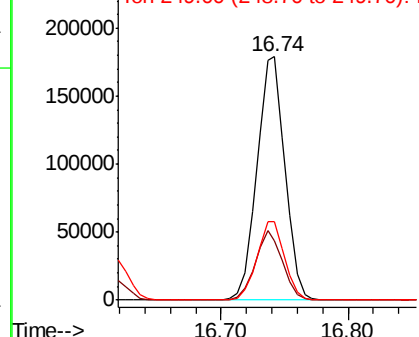
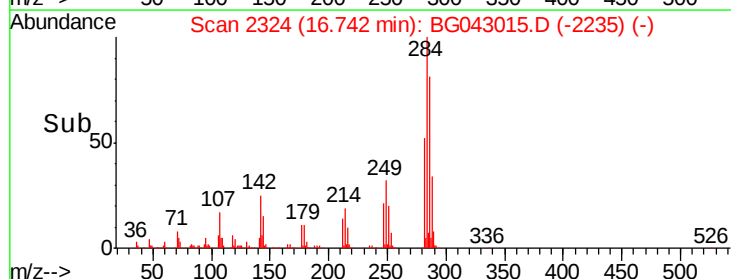


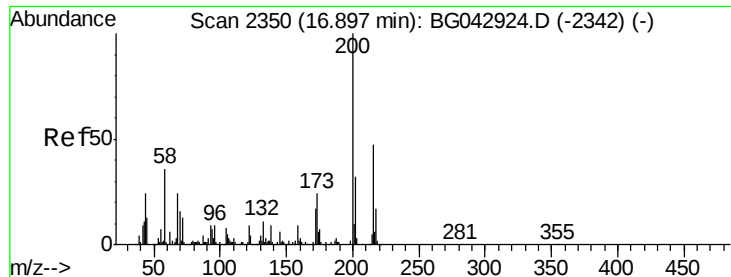
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





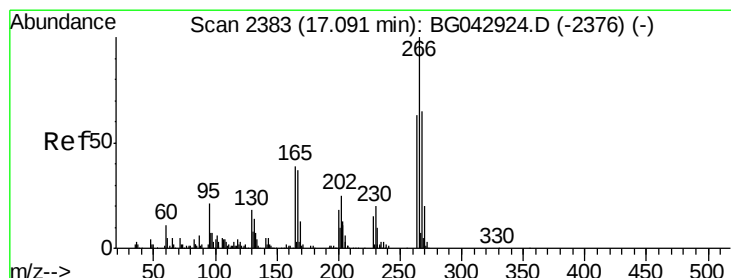
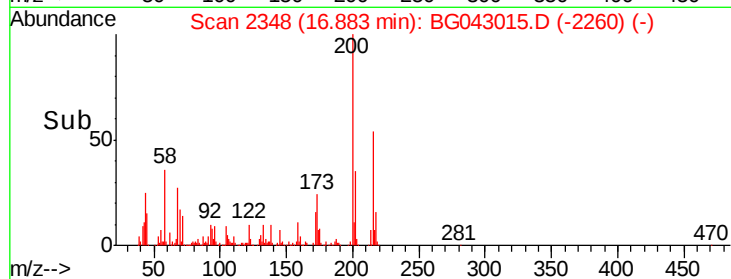
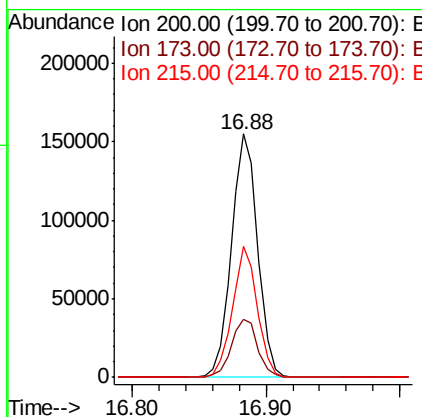
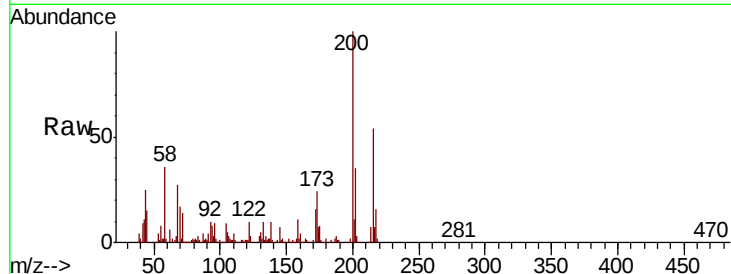
#69
Atrazine
Concen: 45.000 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	211981		
173	24.0	4.0	44.0	
215	53.9	27.4	67.4	

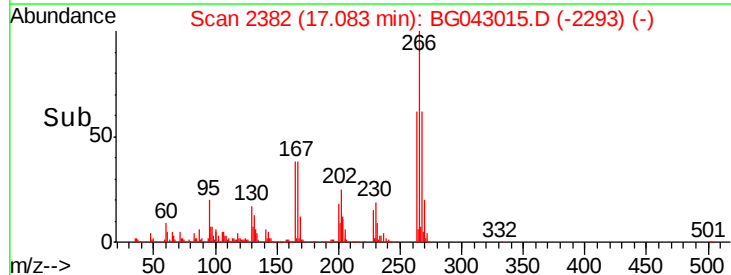
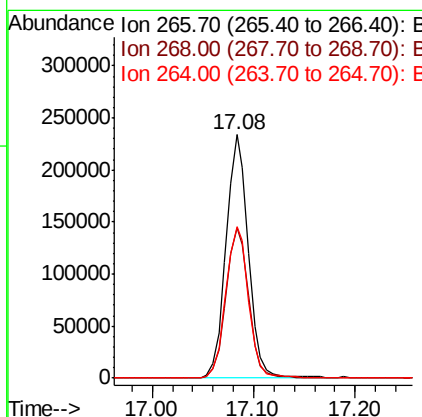
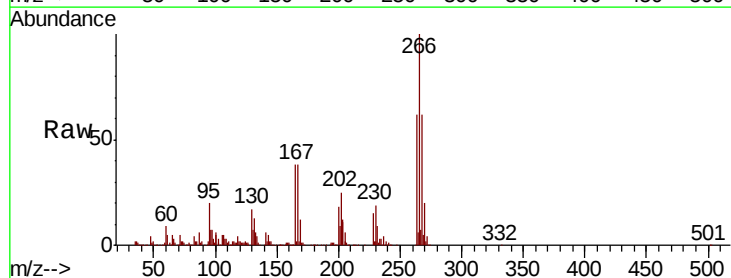
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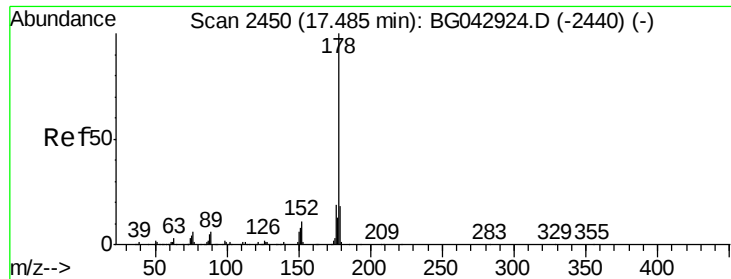
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#70
Pentachlorophenol
Concen: 104.509 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	357115		
268	61.8	52.2	78.2	
264	62.4	50.7	76.1	





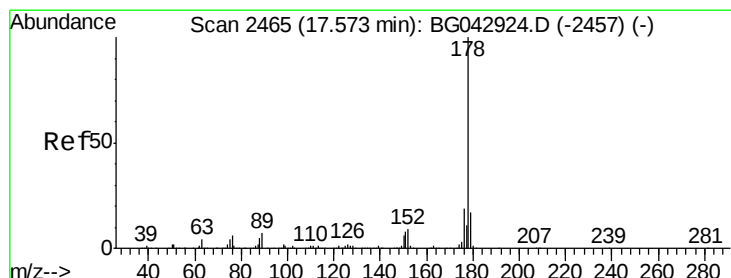
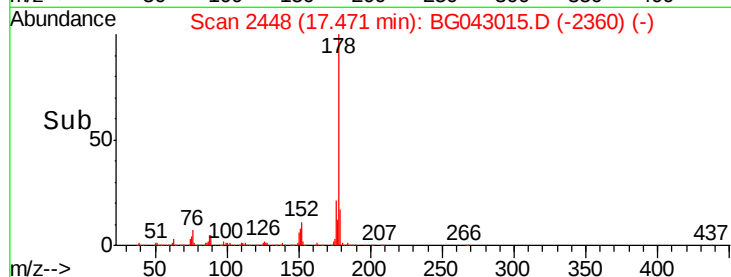
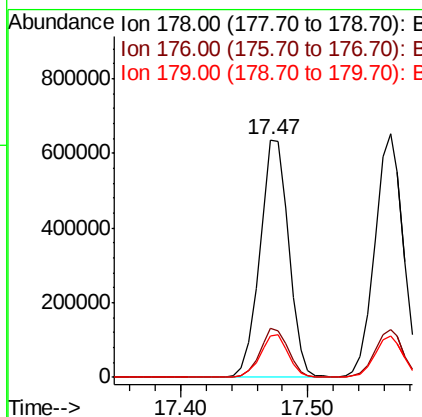
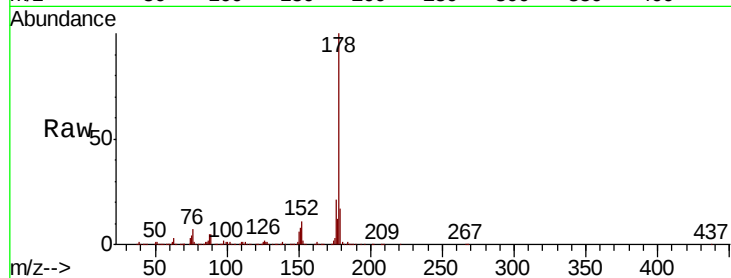
#71
Phenanthrene
Concen: 48.744 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.1	22.7
179	17.2	14.1	21.1

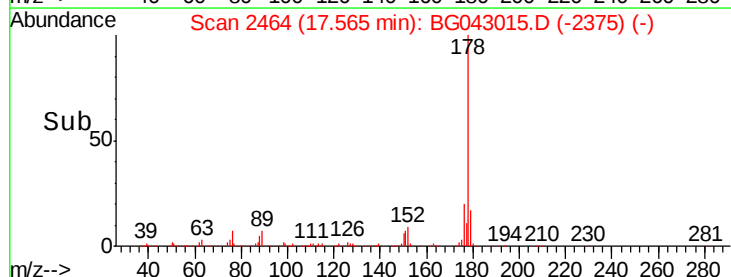
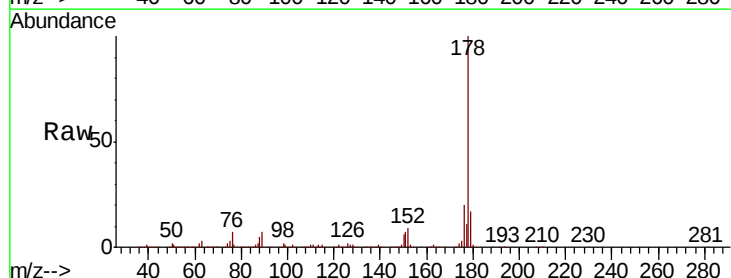
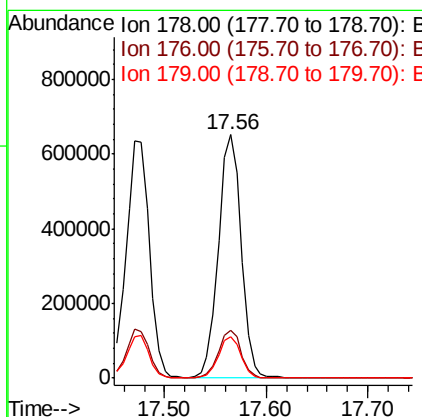
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#72
Anthracene
Concen: 49.255 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	17.0	13.5	20.3





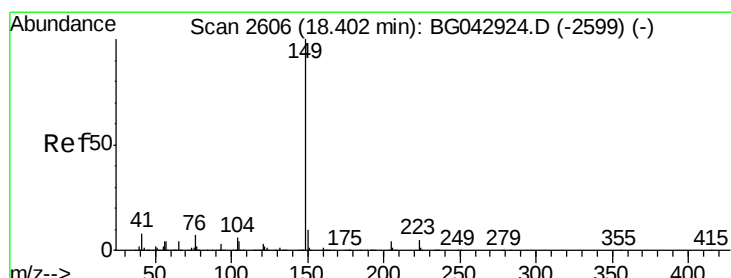
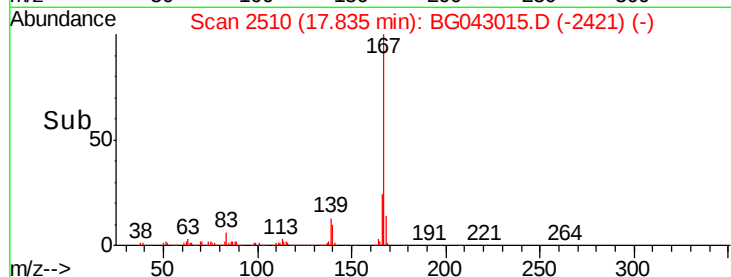
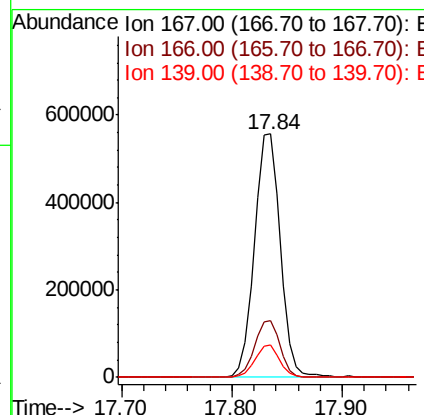
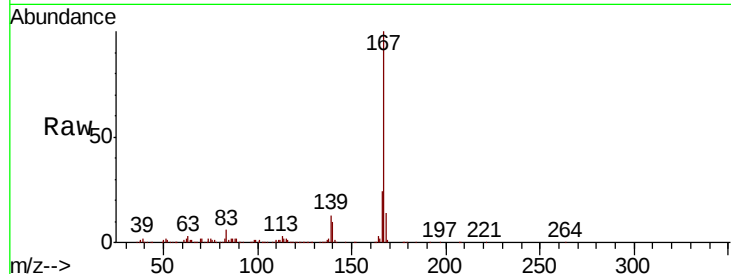
#73
 Carbazole
 Concen: 47.849 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	13.5	10.8	16.2

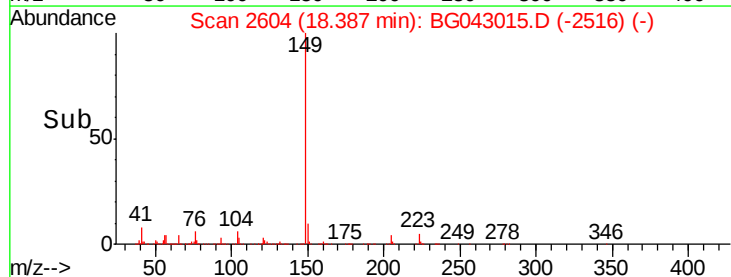
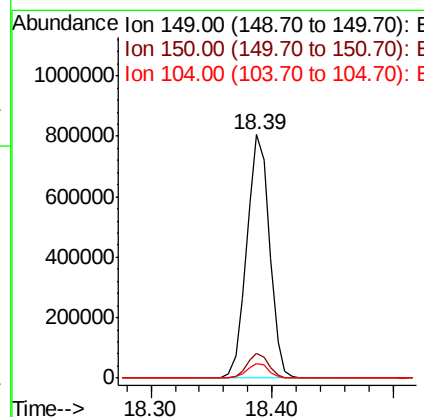
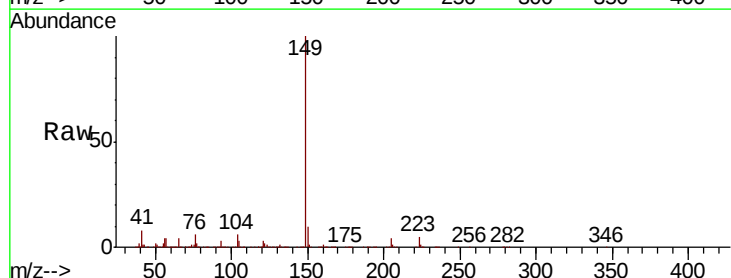
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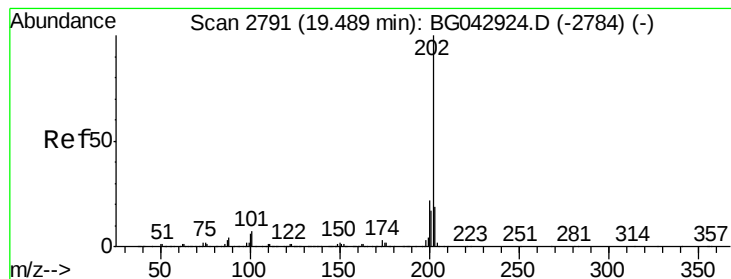
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#74
 Di-n-butylphthalate
 Concen: 46.402 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG043015.D
 Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 49.021 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

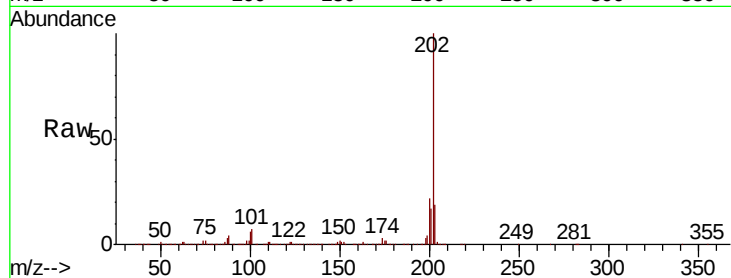
ClientSampleId :

2019073-SS-COMPOSITE-13MS

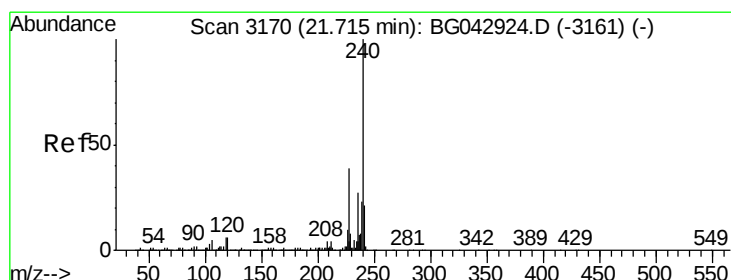
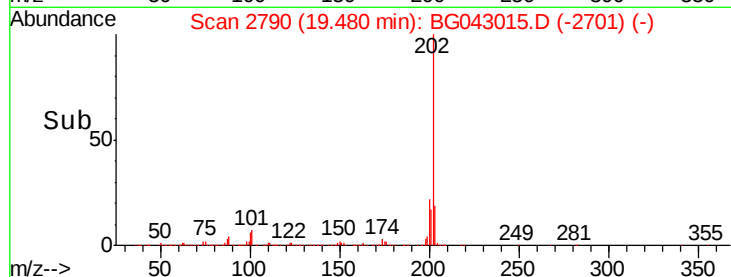
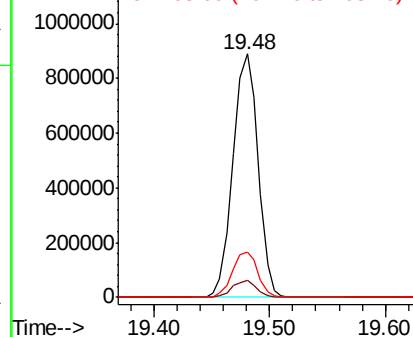
Tot Ion:	202	Resp:	1341401
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.3
203	18.8	0.0	39.5

Manual Integrations
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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

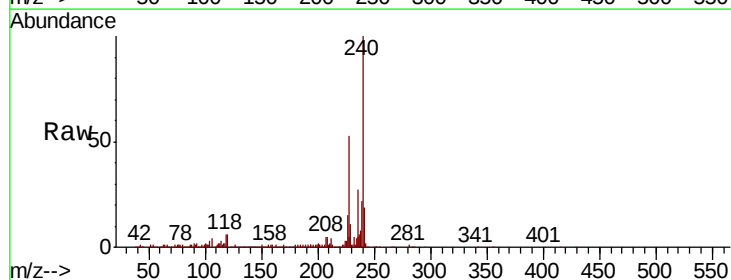
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

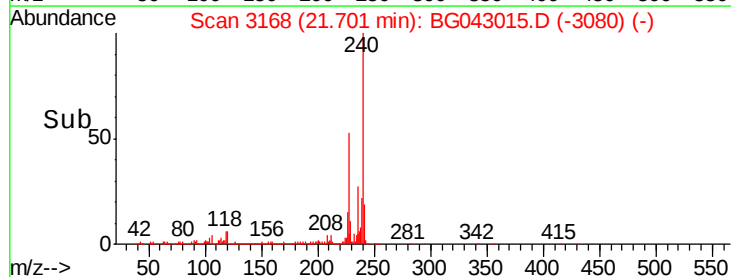
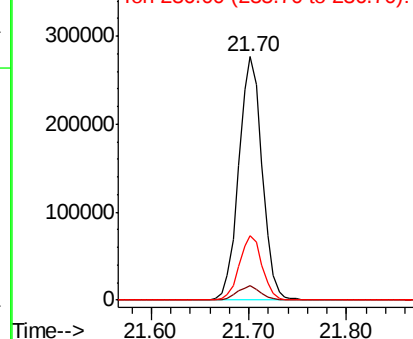
Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	240	Resp:	457104
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.8	7.2
236	26.6	21.4	32.0



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: 72.370 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

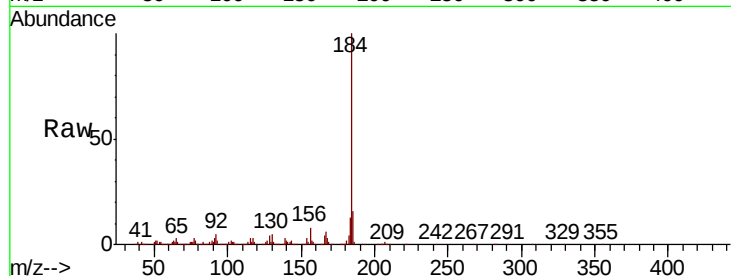
ClientSampleId :

2019073-SS-COMPOSITE-13MS

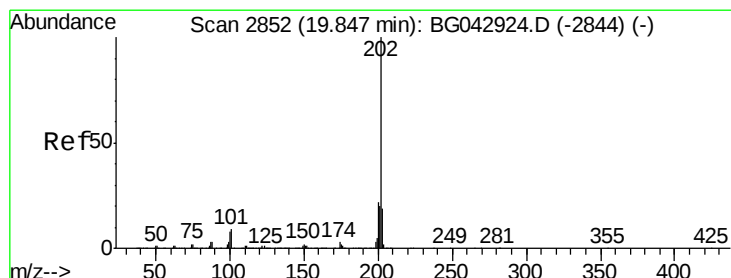
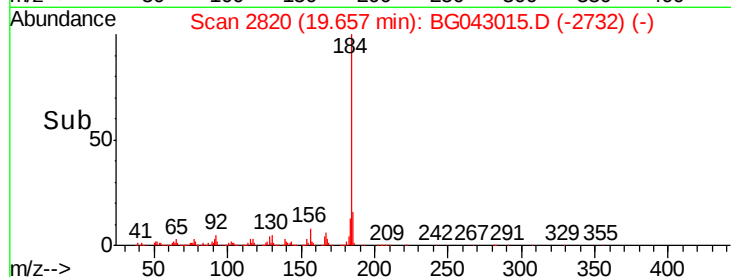
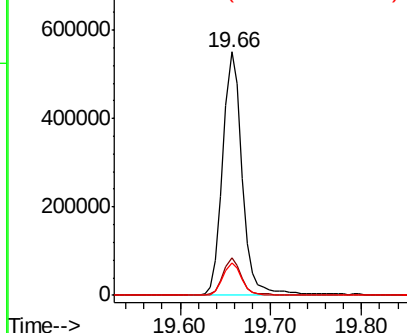
Tot Ion:	184	Resp:	828309
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.8	17.8
183	13.2	10.1	15.1

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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: 49.670 ng

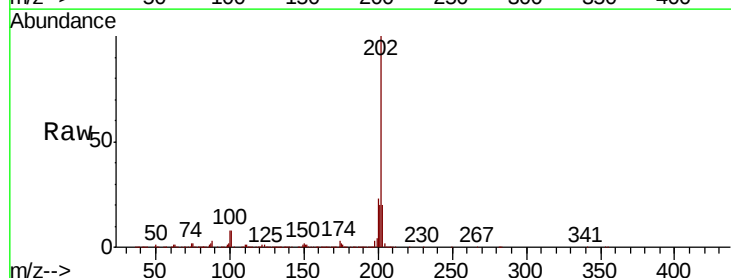
RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

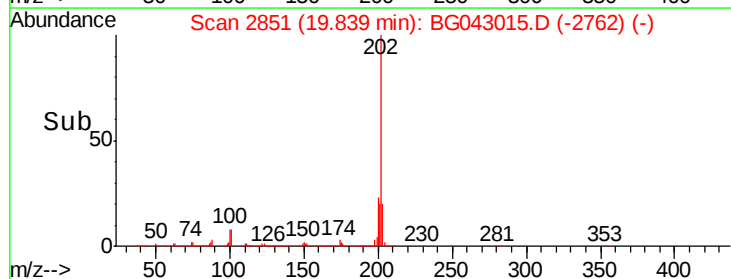
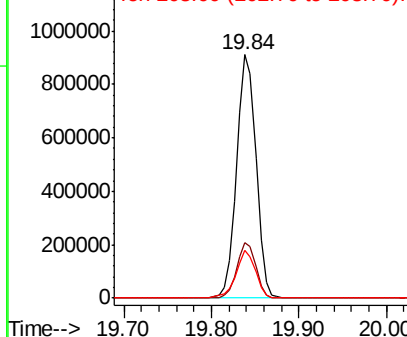
Lab File: BG043015.D

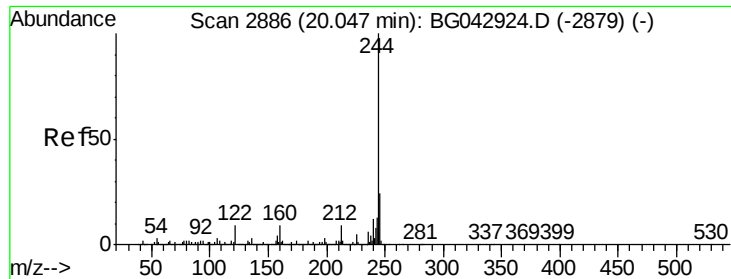
Acq: 3 Oct 2019 17:10

Tgt Ion:	202	Resp:	1355124
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.6	26.4
203	19.8	15.2	22.8



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: 72.413 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:244 Resp: 1553368

Ion Ratio Lower Upper

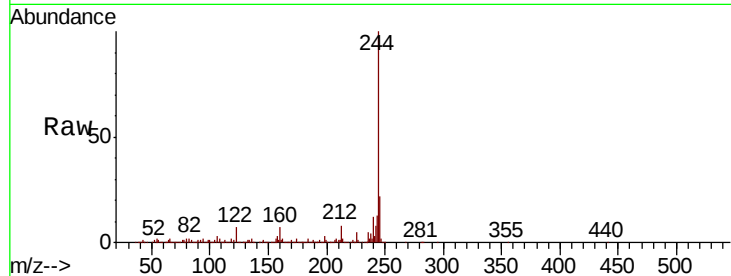
244 100

212 7.7 7.4 11.0

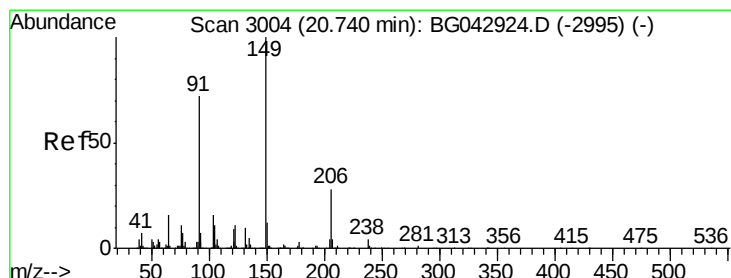
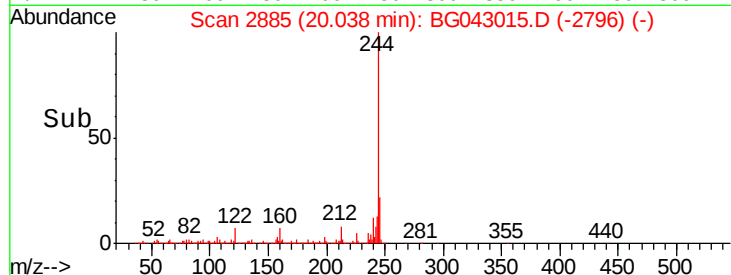
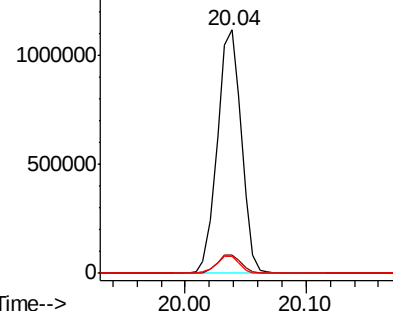
122 7.2 7.0 10.4

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.748 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

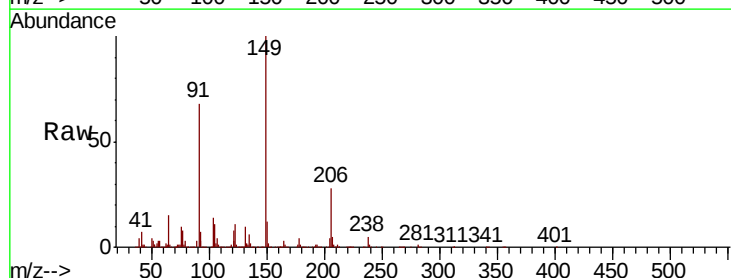
Tgt Ion:149 Resp: 494471

Ion Ratio Lower Upper

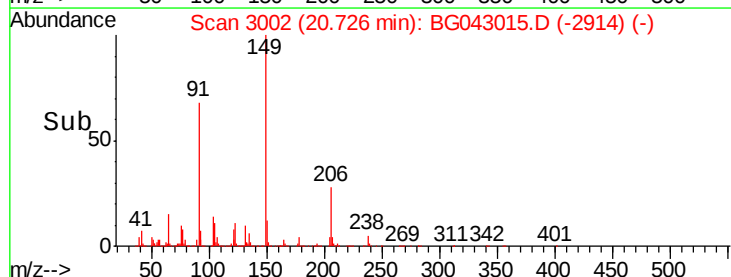
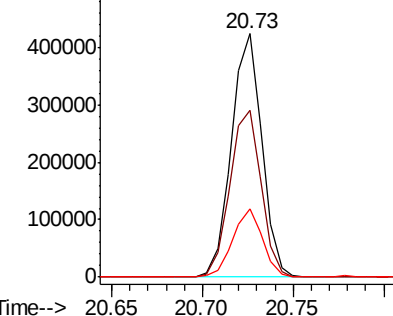
149 100

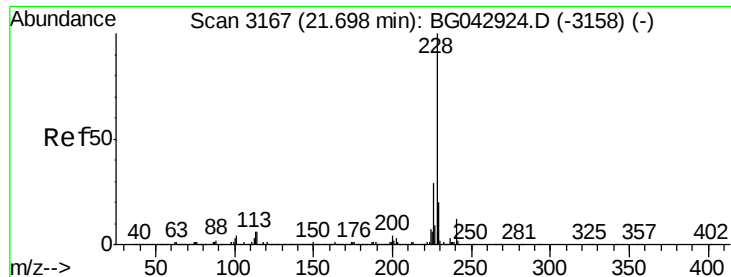
91 68.4 57.7 86.5

206 28.1 22.6 33.8



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





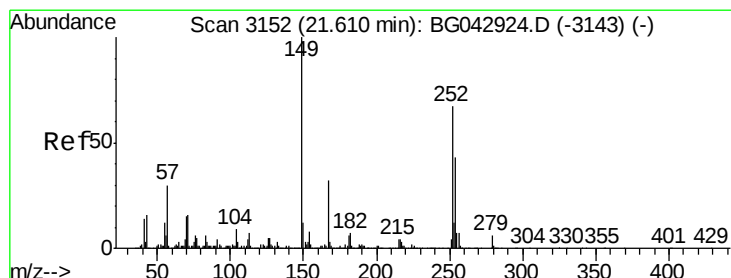
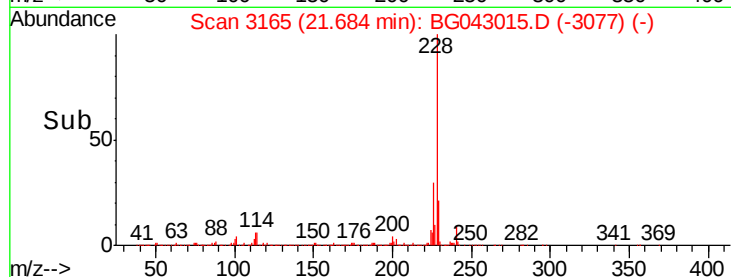
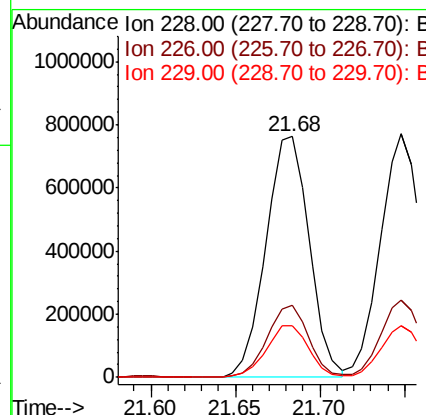
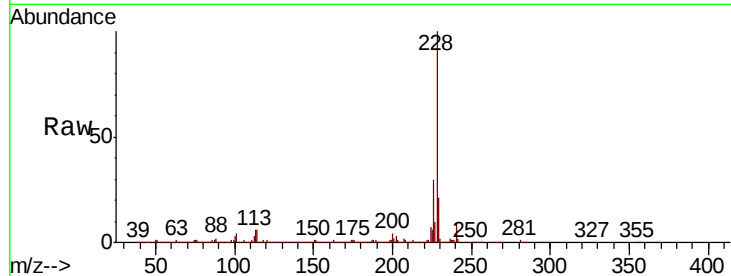
#81
Benzo(a)anthracene
Concen: 47.511 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.4
229	21.3	16.3	24.5

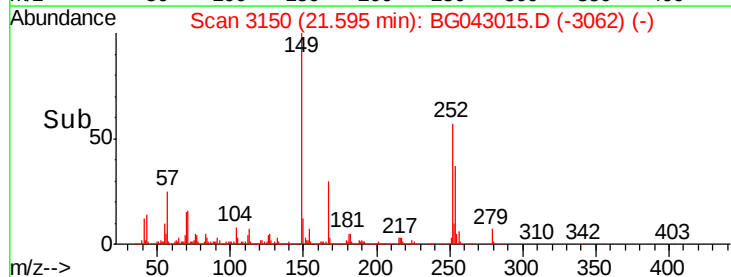
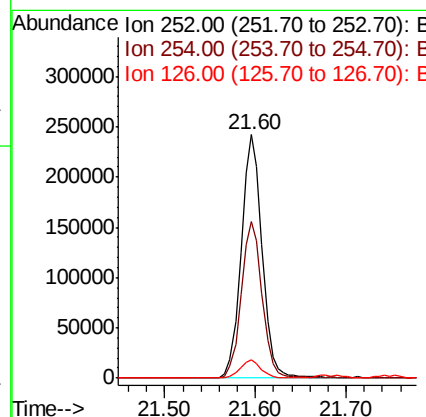
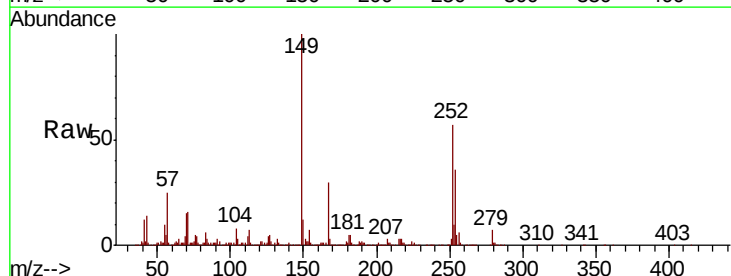
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#82
3,3'-Dichlorobenzidine
Concen: 34.912 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	7.4	6.1	9.1





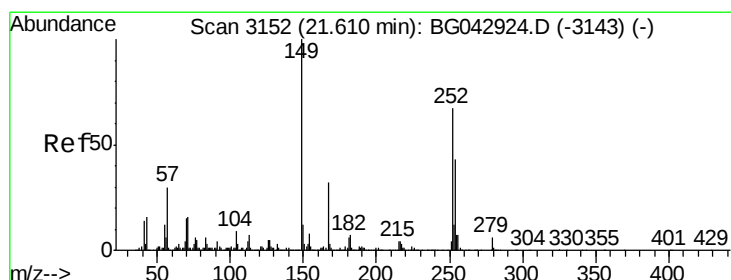
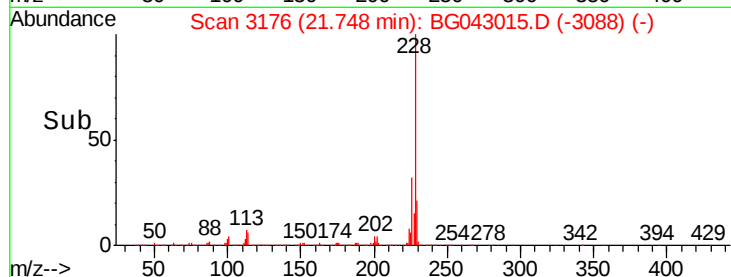
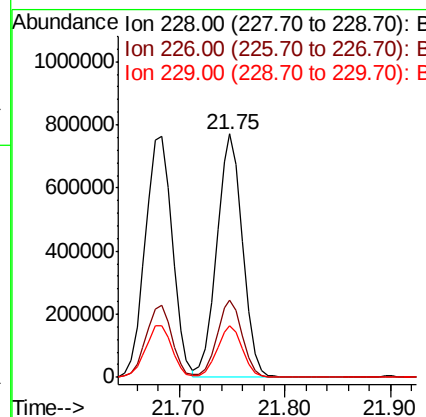
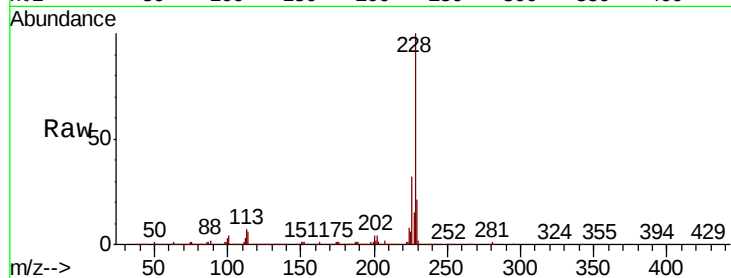
#83
Chrysene
Concen: 47.349 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.6	38.4
229	21.2	16.9	25.3

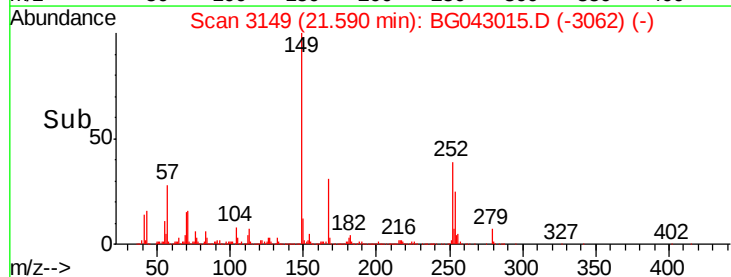
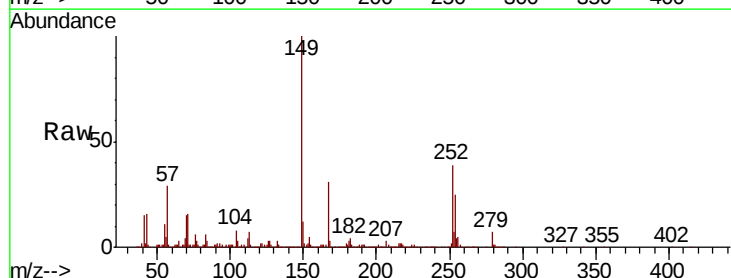
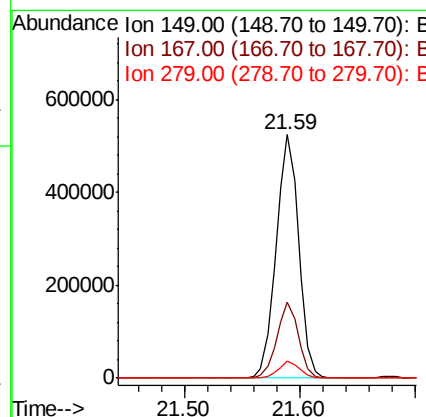
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.099 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	7.0	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 49.960 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.03 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Instrument :

BNA_G

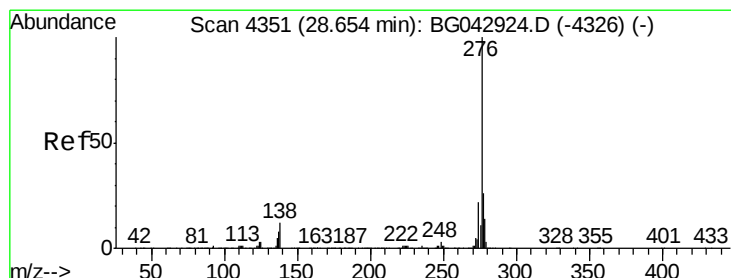
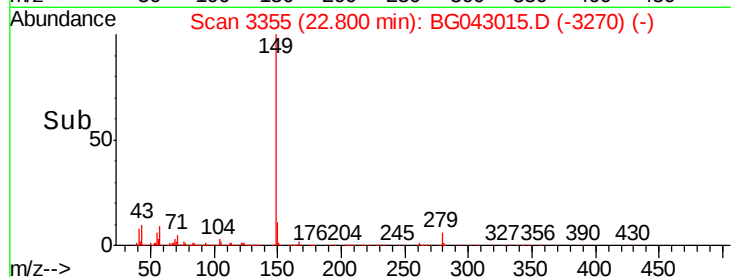
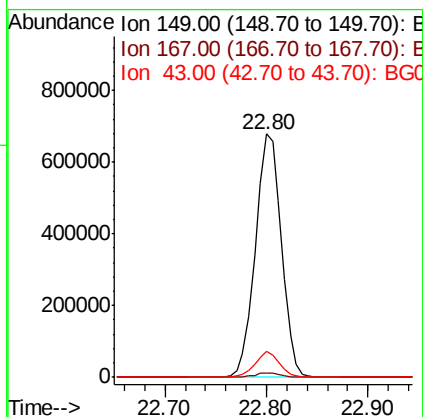
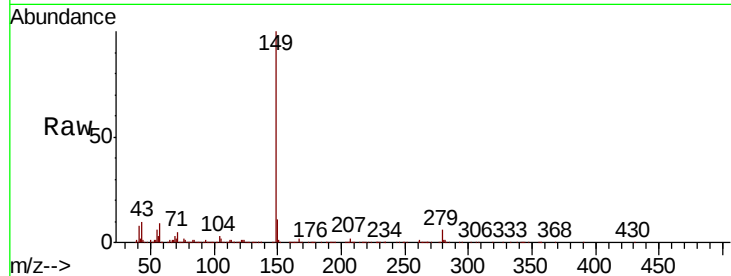
ClientSampleId :

2019073-SS-COMPOSITE-13MS

Tot Ion:	149	Resp:	1203841
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.6	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.965 ng

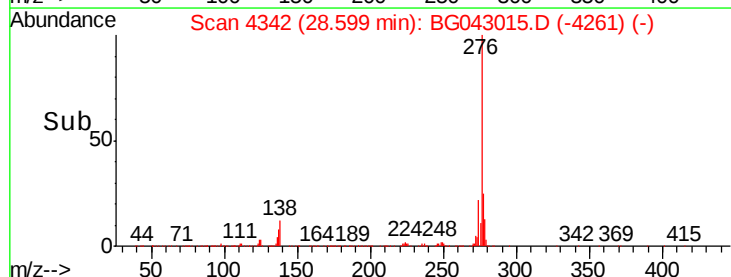
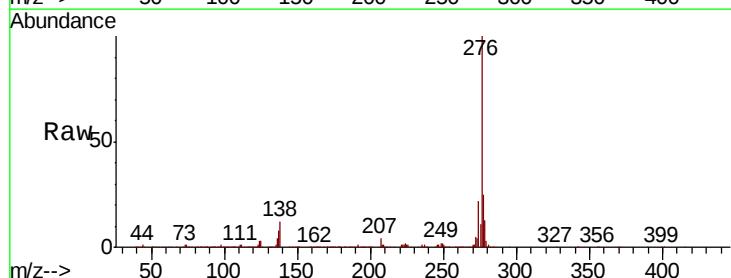
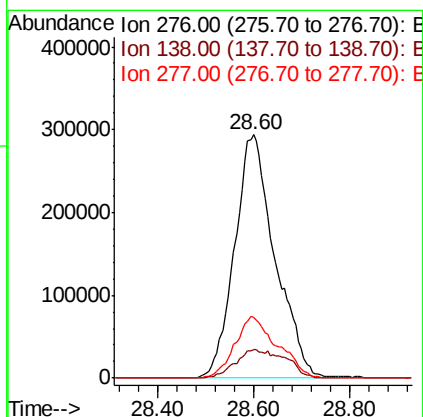
RT: 28.60 min Scan# 4342

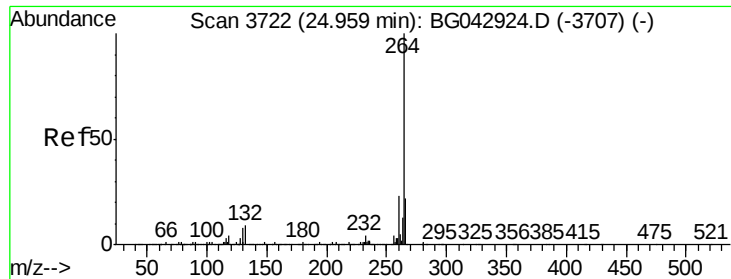
Delta R.T. -0.06 min

Lab File: BG043015.D

Acq: 3 Oct 2019 17:10

Tgt Ion:	276	Resp:	1719238
Ion	Ratio	Lower	Upper
276	100		
138	14.6	7.0	10.6#
277	26.6	20.9	31.3





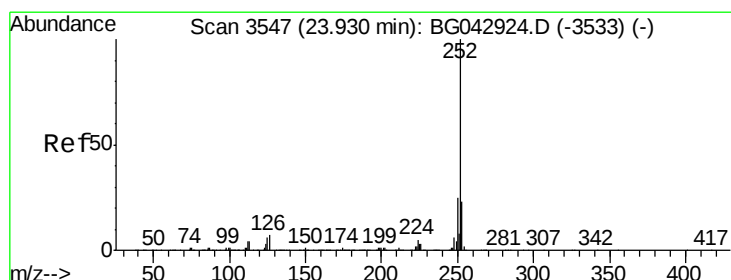
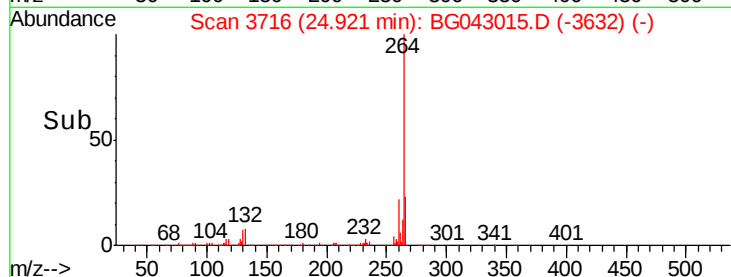
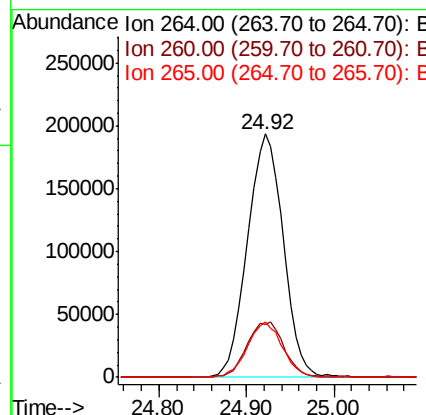
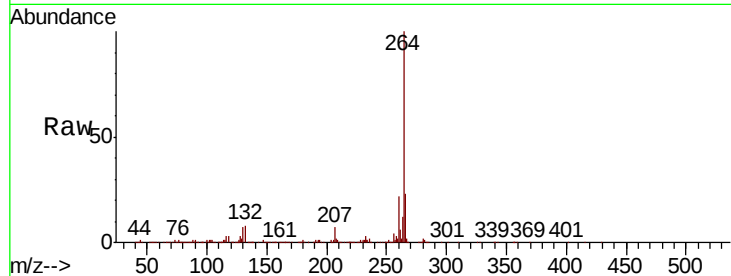
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.7	28.1
265	23.0	17.7	26.5

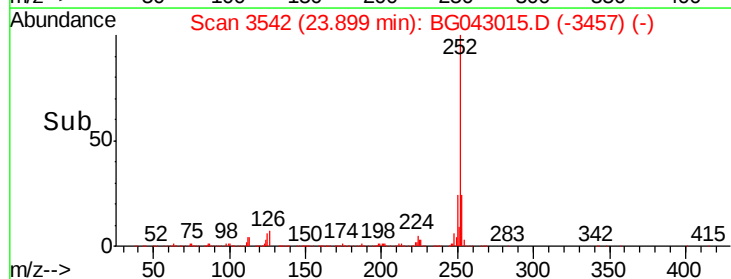
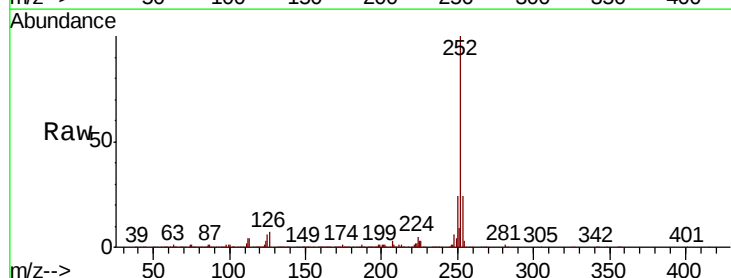
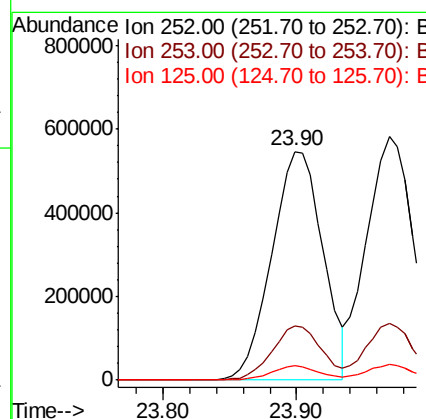
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#88
Benzo(b)fluoranthene
Concen: 47.521 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.03 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	6.1	4.6	7.0





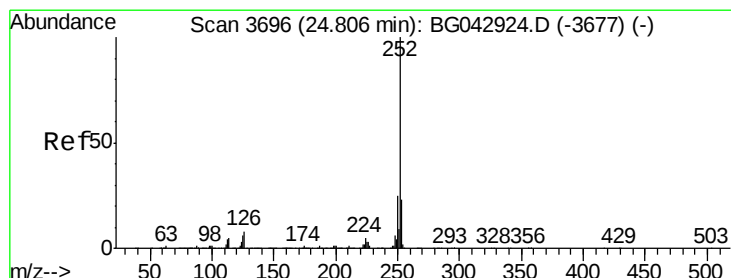
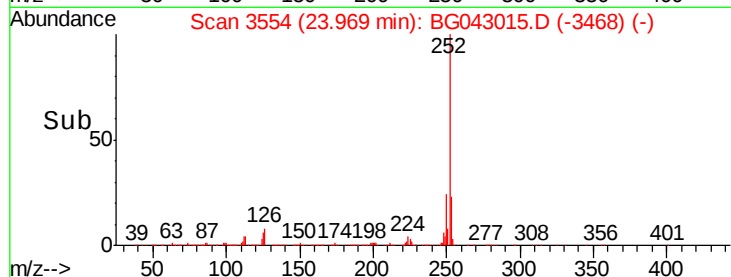
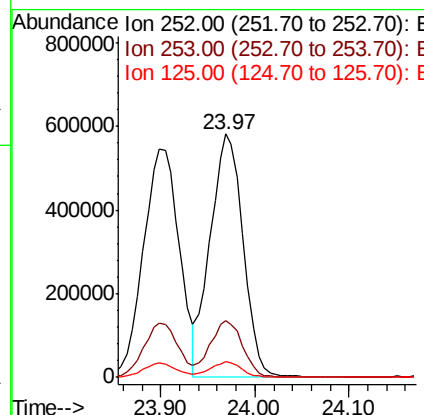
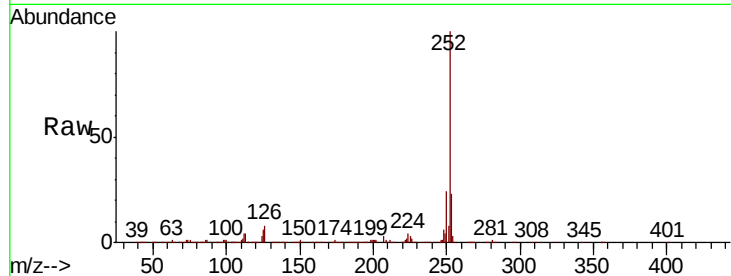
#89
Benzo(k)fluoranthene
Concen: 46.881 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	6.4	4.5	6.7

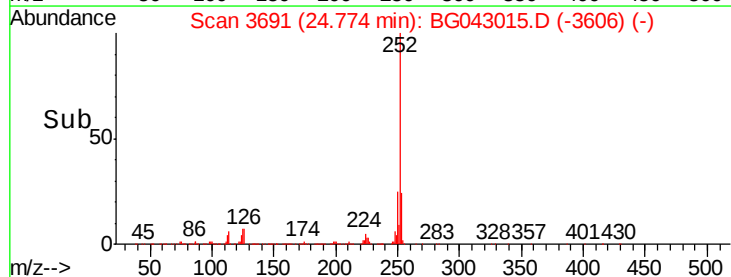
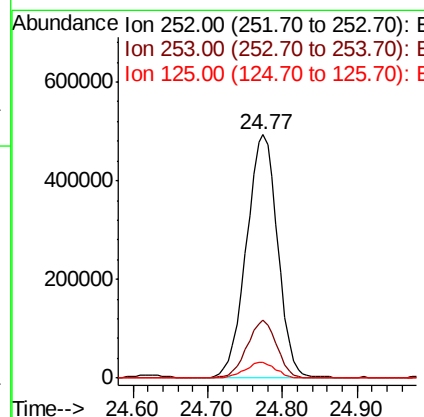
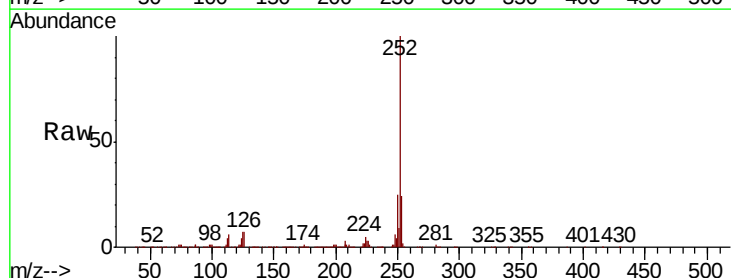
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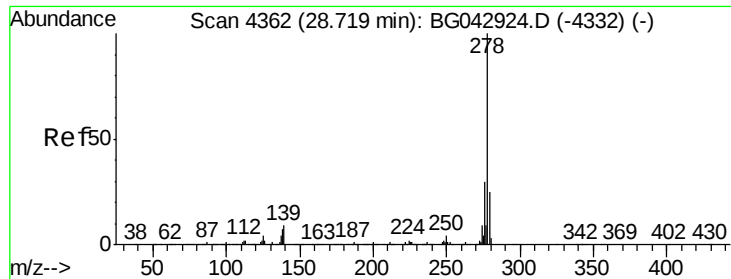
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#90
Benzo(a)pyrene
Concen: 49.751 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	6.6	5.0	7.6





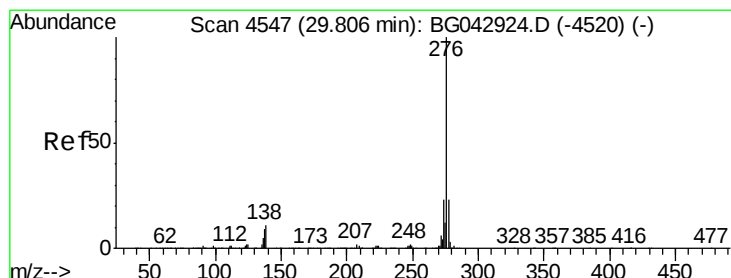
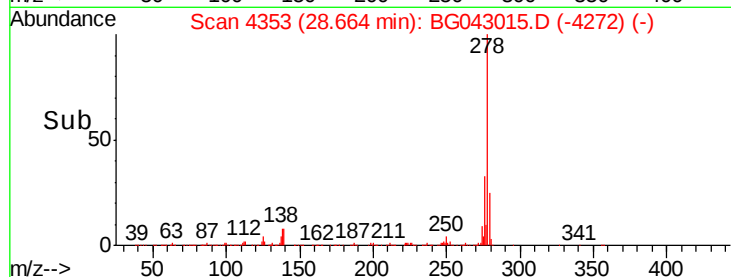
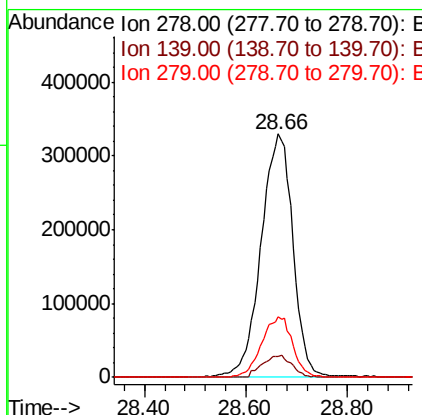
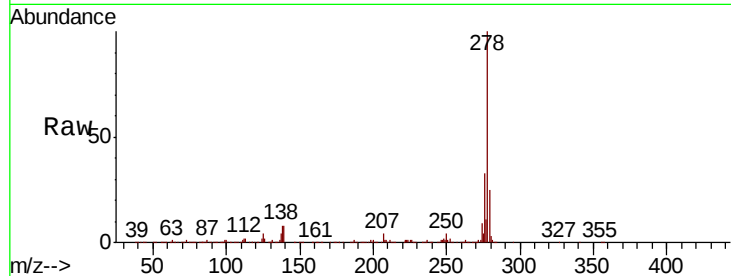
#91
Dibenzo(a,h)anthracene
Concen: 48.768 ng
RT: 28.66 min Scan# 4353
Delta R.T. -0.06 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	25.0	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 49.716 ng
RT: 29.75 min Scan# 4538
Delta R.T. -0.06 min
Lab File: BG043015.D
Acq: 3 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	11.2	8.6	12.8

