

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042890.D
 Acq On : 18 Sep 2019 12:28
 Operator : HP/JU
 Sample : K4918-12MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Manual Integrations
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Jagrut
 9/19/2019 10:48:07 AM

Quant Time: Sep 19 02:29:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56284	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	238390	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	190248	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	452974	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	416969	20.00	ng	-0.02
87) Perylene-d12	25.00	264	443183	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	349017	107.81	ng	0.00
7) Phenol-d6	7.29	99	559238	120.35	ng	0.02
23) Nitrobenzene-d5	9.26	82	353035	77.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	300599	118.76	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	833516	69.35	ng	-0.03
79) Terphenyl-d14	20.07	244	1398722	74.35	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	40243	27.237	ng	# 89
3) Pyridine	4.00	79	106795	24.007	ng	89
4) n-Nitrosodimethylamine	3.90	42	83151	38.414	ng	83
6) Aniline	7.44	93	81866	13.058	ng	100
8) 2-Chlorophenol	7.68	128	150568	43.026	ng	97
9) Benzaldehyde	7.24	77	91783	30.353	ng	93
10) Phenol	7.31	94	217919	45.729	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	136045	37.198	ng	100
12) 1,3-Dichlorobenzene	7.99	146	156480	36.661	ng	96
13) 1,4-Dichlorobenzene	8.14	146	154699	36.202	ng	98
14) 1,2-Dichlorobenzene	8.46	146	148713	36.559	ng	99
15) Benzyl Alcohol	8.35	79	161080	40.393	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	303353	37.771	ng	99
17) 2-Methylphenol	8.56	107	139330	43.703	ng	95
18) Hexachloroethane	9.19	117	57885	36.691	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	128227	37.449	ng	96
20) 3+4-Methylphenols	8.89	107	191709	43.622	ng	98
22) Acetophenone	8.93	105	229323	38.090	ng	95
24) Nitrobenzene	9.30	77	196163	40.814	ng	98
25) Isophorone	9.85	82	356299	37.331	ng	99
26) 2-Nitrophenol	10.02	139	88830	47.001	ng	# 90
27) 2,4-Dimethylphenol	10.09	122	148750	44.494	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	195746	36.776	ng	99
29) 2,4-Dichlorophenol	10.56	162	173824	44.743	ng	96
30) 1,2,4-Trichlorobenzene	10.77	180	186275	39.272	ng	97
31) Naphthalene	10.96	128	471377	40.049	ng	98
32) Benzoic acid	10.24	122	98436	37.845	ng	95
33) 4-Chloroaniline	11.07	127	39024	7.094	ng	97
34) Hexachlorobutadiene	11.24	225	131675	39.622	ng	94
35) Caprolactam	11.90	113	56427m	39.058	ng	
36) 4-Chloro-3-methylphenol	12.20	107	193125	45.784	ng	94
37) 2-Methylnaphthalene	12.55	142	371710	42.159	ng	97
38) 1-Methylnaphthalene	12.77	142	351315	42.484	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	246268	39.173	ng	98

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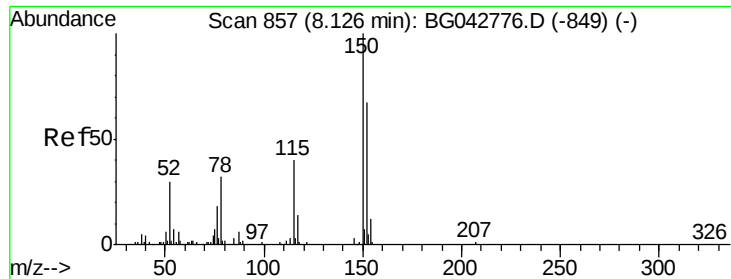
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	347018	96.355	nq	97
43) 2,4,6-Trichlorophenol	13.16	196	173085	41.355	nq	99
44) 2,4,5-Trichlorophenol	13.24	196	180386	42.077	nq	96
46) 1,1'-Biphenyl	13.56	154	526159	39.506	nq	98
47) 2-Chloronaphthalene	13.60	162	407089	36.949	nq	97
48) 2-Nitroaniline	13.81	65	154414	40.402	nq	98
49) Acenaphthylene	14.45	152	666185	39.568	nq	98
50) Dimethylphthalate	14.18	163	665239	46.677	nq	99
51) 2,6-Dinitrotoluene	14.29	165	125219	42.819	nq	96
52) Acenaphthene	14.79	154	400300	36.393	nq	96
53) 3-Nitroaniline	14.63	138	45551	13.879	nq	99
54) 2,4-Dinitrophenol	14.82	184	102310	71.067	nq	# 71
55) Dibenzofuran	15.12	168	653604	39.978	nq	98
56) 4-Nitrophenol	14.95	139	192782	75.968	nq	89
57) 2,4-Dinitrotoluene	15.07	165	178997	45.921	nq	# 95
58) Fluorene	15.77	166	548121	40.453	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	188062	45.253	nq	99
60) Diethylphthalate	15.54	149	548572	37.919	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	318244	39.724	nq	97
62) 4-Nitroaniline	15.79	138	127884	36.148	nq	85
63) Azobenzene	16.05	77	543155	38.989	nq	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	101631	52.436	nq	92
66) n-Nitrosodiphenylamine	15.97	169	493760	40.508	nq	97
67) 4-Bromophenyl-phenylether	16.65	248	221759	40.447	nq	98
68) Hexachlorobenzene	16.77	284	226822	38.717	nq	98
69) Atrazine	16.93	200	190548	44.891	nq	99
70) Pentachlorophenol	17.12	266	279670	80.472	nq	93
71) Phenanthrene	17.51	178	890474	41.106	nq	99
72) Anthracene	17.59	178	900657	41.615	nq	99
73) Carbazole	17.87	167	811030	39.427	nq	99
74) Di-n-butylphthalate	18.42	149	917981	37.254	nq	99
75) Fluoranthene	19.51	202	1108826	39.494	nq	98
77) Benzidine	19.69	184	241148	20.700	nq	98
78) Pyrene	19.87	202	1118274	42.838	nq	99
80) Butylbenzylphthalate	20.76	149	397267	37.602	nq	98
81) Benzo(a)anthracene	21.72	228	1061153	40.026	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	160782	15.606	nq	95
83) Chrysene	21.78	228	1020499	40.637	nq	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	537729	37.250	nq	99
85) Di-n-octyl phthalate	22.87	149	871123	35.398	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1105430	35.546	nq	# 90
88) Benzo(b)fluoranthene	23.96	252	1050398	40.365	nq	# 97
89) Benzo(k)fluoranthene	24.03	252	994457	40.455	nq	98
90) Benzo(a)pyrene	24.85	252	1002572	41.145	nq	# 98
91) Dibenzo(a,h)anthracene	28.78	278	927374	38.696	nq	# 97
92) Benzo(g,h,i)perylene	29.88	276	940266	40.223	nq	# 94

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



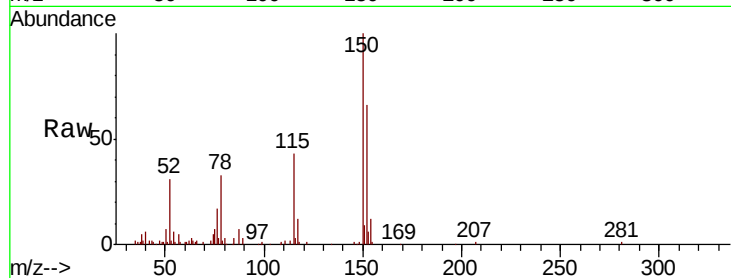
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
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 SB-12MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	118.9	178.3
115	65.7	47.4	71.2

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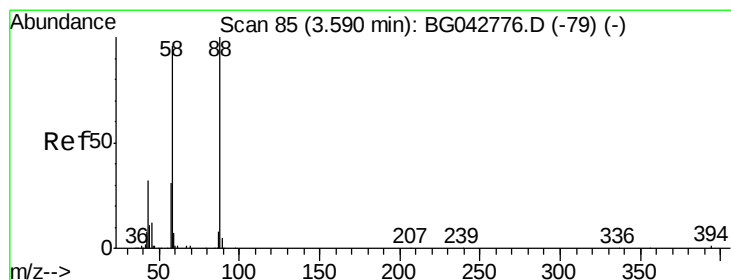
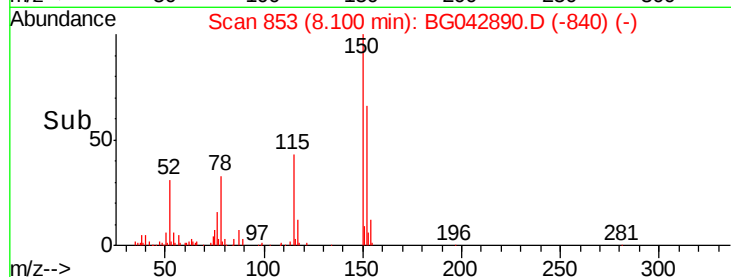
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

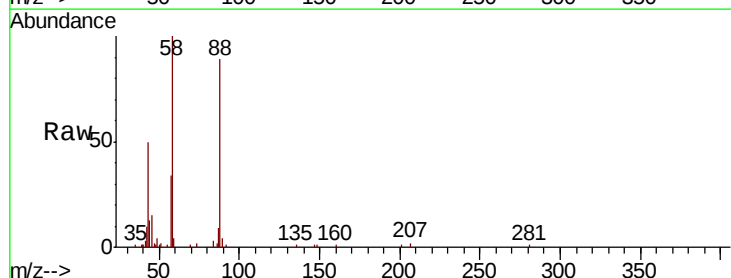
Ion 115.00 (114.70 to 115.70): E

Time-->



#2
 1,4-Dioxane
 Concen: 27.237 ng
 RT: 3.59 min Scan# 85
 Delta R.T. -0.00 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.3	79.1	118.7
43	51.2	30.4	45.6



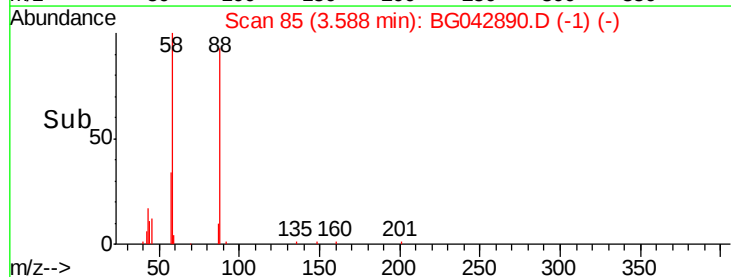
Abundance

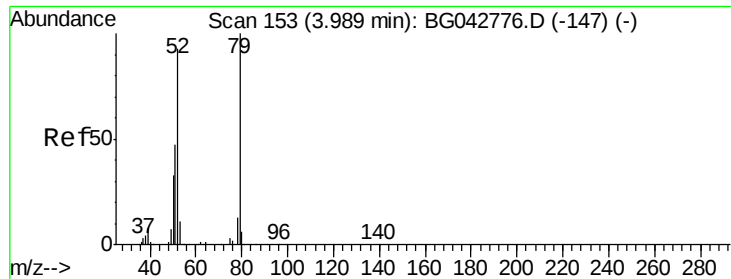
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





#3

Pvridine

Concen: 24.007 ng

RT: 4.00 min Scan# 156

Delta R.T. 0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

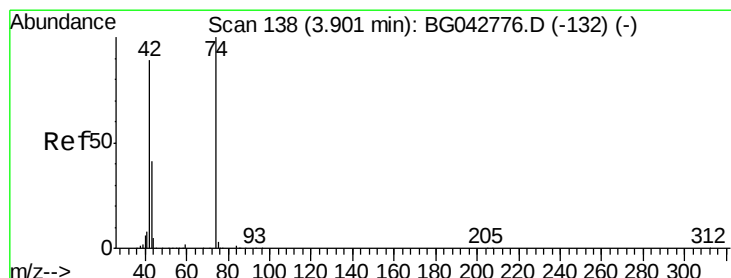
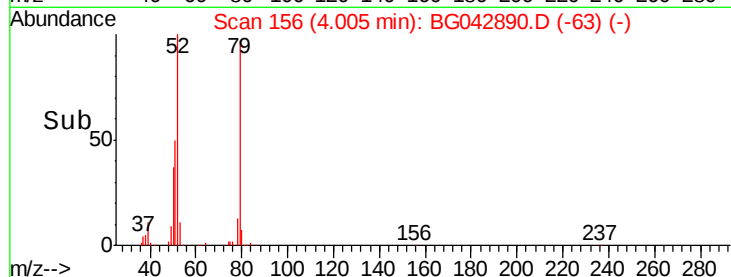
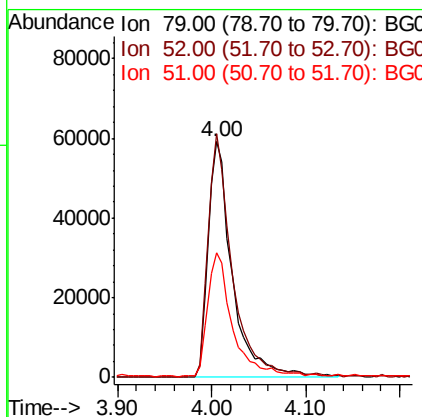
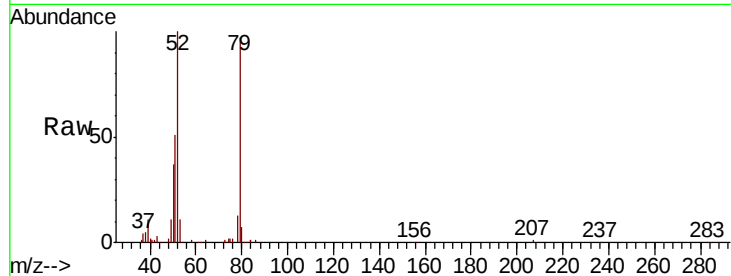
ClientSampleId :

SB-12MSD

Tot Ion:	79	Resp:	106795
Ion Ratio	Lower	Upper	
79	100		
52	103.4	74.0	111.0
51	53.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.414 ng

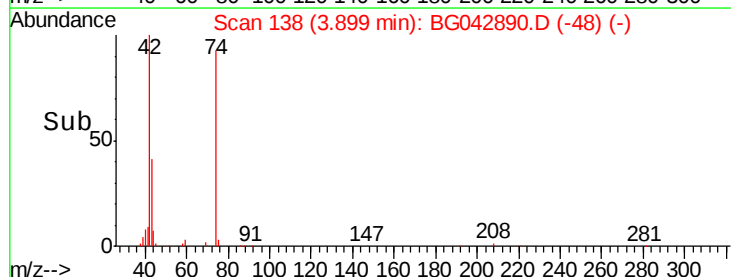
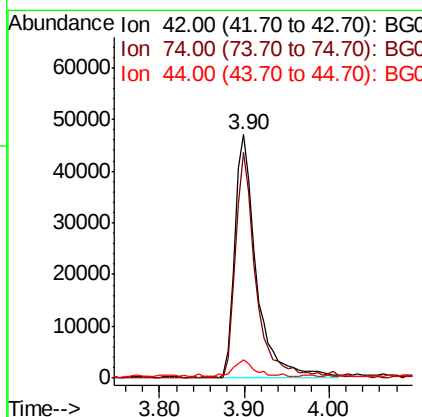
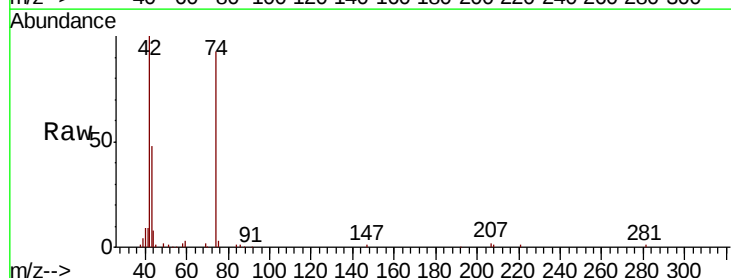
RT: 3.90 min Scan# 138

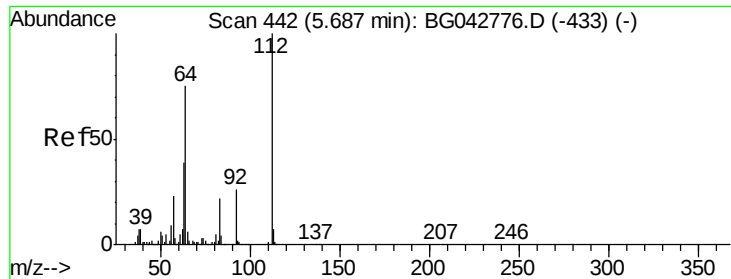
Delta R.T. -0.00 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	42	Resp:	83151
Ion Ratio	Lower	Upper	
42	100		
74	92.9	90.2	135.2
44	7.5	6.6	9.8





#5

2-Fluorophenol

Concen: 107.807 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

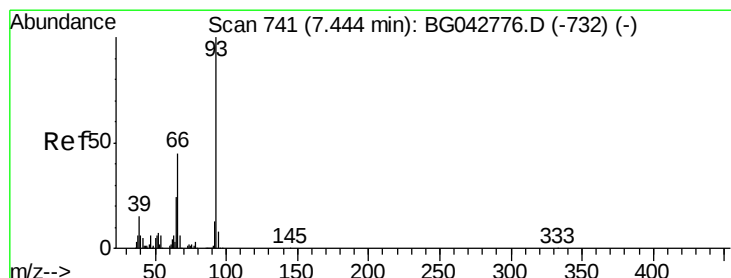
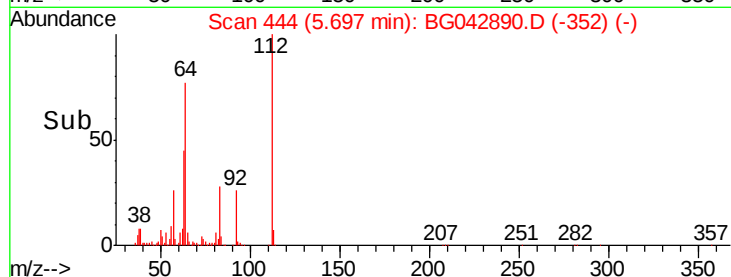
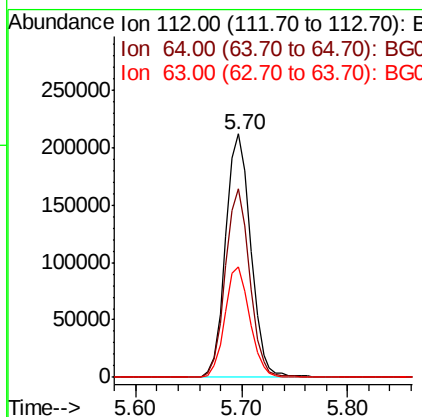
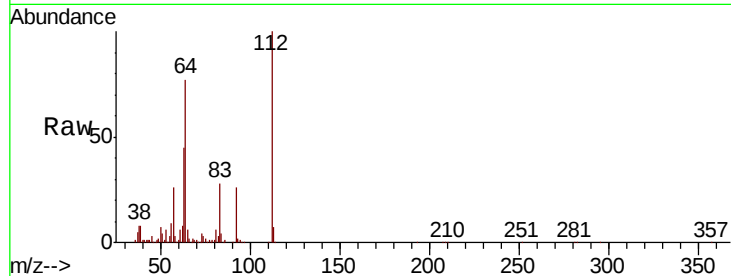
ClientSampled :

SB-12MSD

Tot Ion:	112	Resp:	349017
Ion Ratio	Lower	Upper	
112	100		
64	77.2	60.2	90.2
63	45.4	31.2	46.8

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#6

Aniline

Concen: 13.058 ng

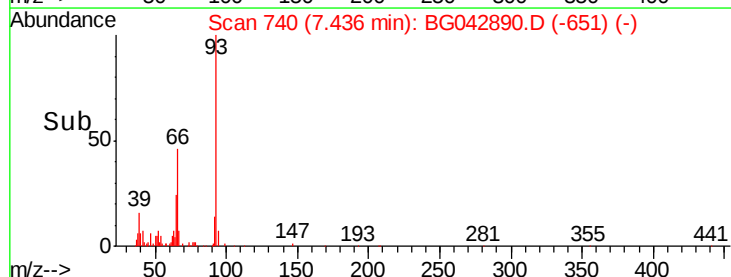
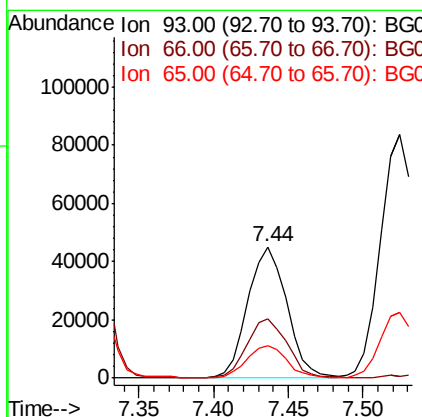
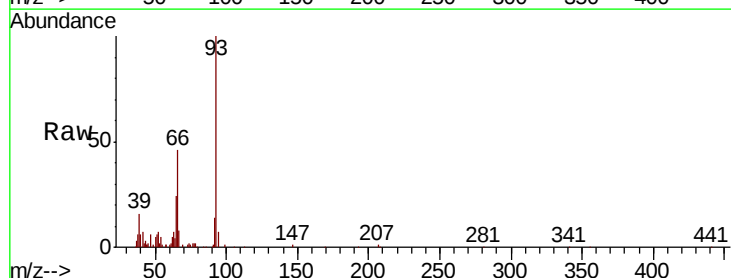
RT: 7.44 min Scan# 740

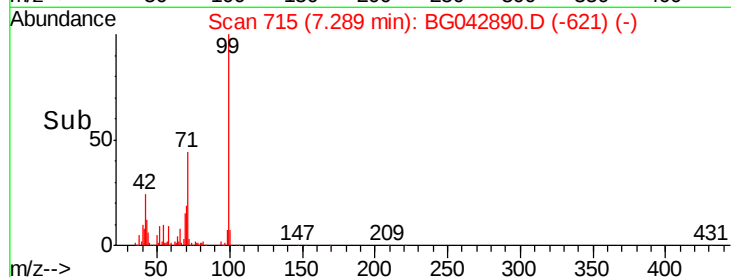
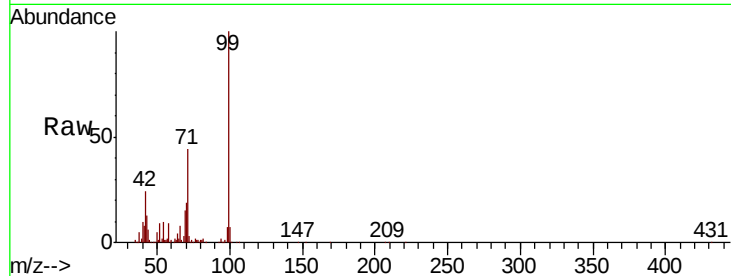
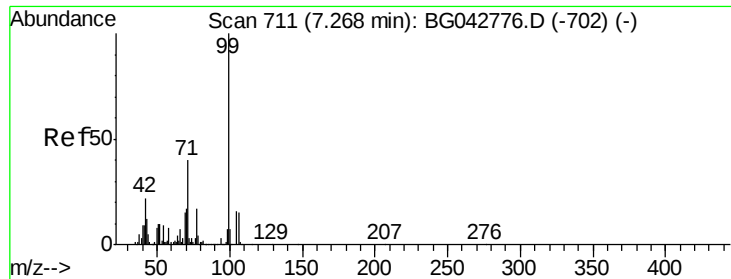
Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	93	Resp:	81866
Ion Ratio	Lower	Upper	
93	100		
66	45.5	36.3	54.5
65	24.2	19.3	28.9





#7

Phenol-d6

Concen: 120.349 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tot Ion:	99	Resp:	559238
Ion Ratio	Lower	Upper	
99	100		
42	24.2	17.5	26.3
71	43.8	32.0	48.0

Instrument :

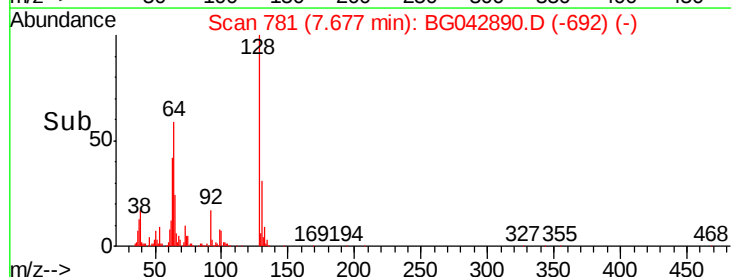
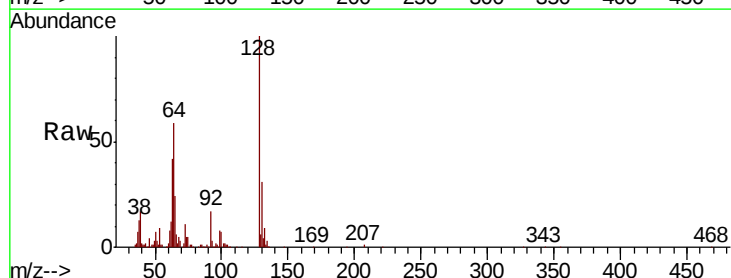
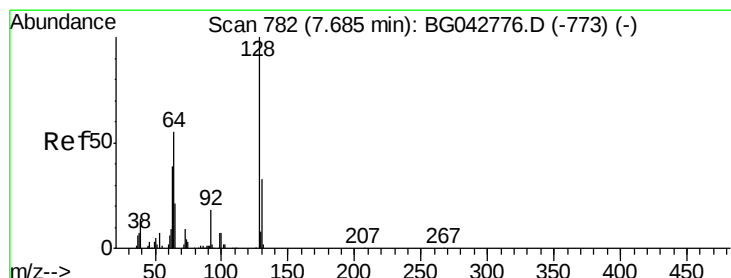
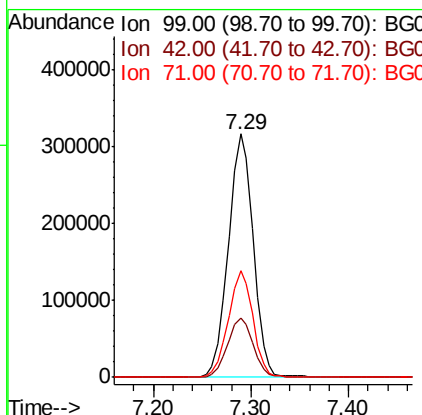
BNA_G

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SB-12MSD

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#8

2-Chlorophenol

Concen: 43.026 ng

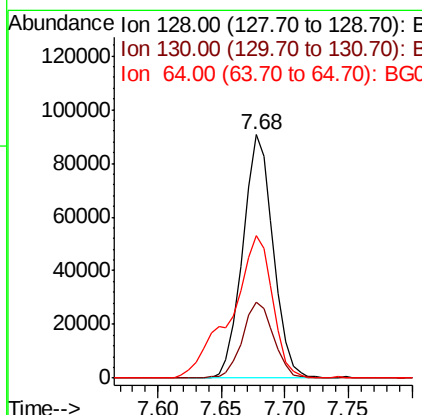
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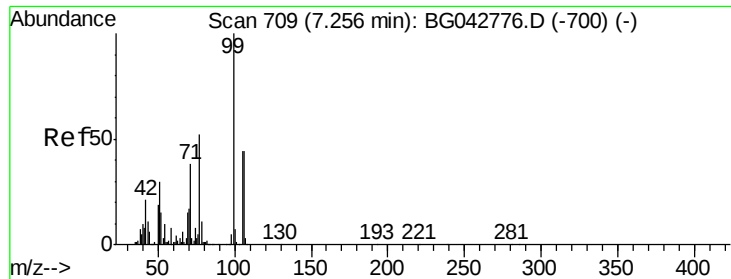
Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	128	Resp:	150568
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.8	52.8
64	58.5	36.8	76.8





#9

Benzaldehyde

Concen: 30.353 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

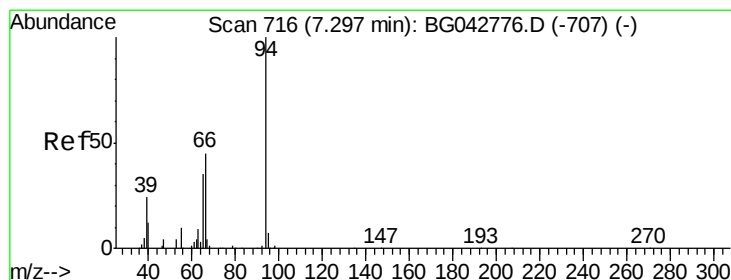
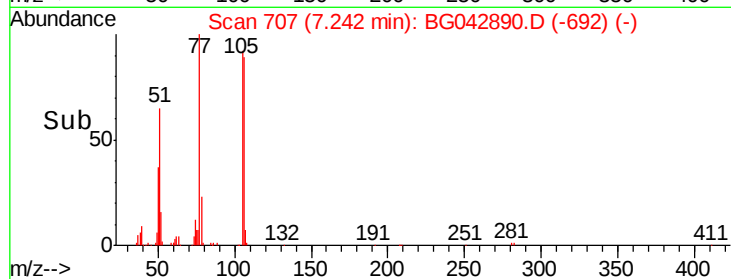
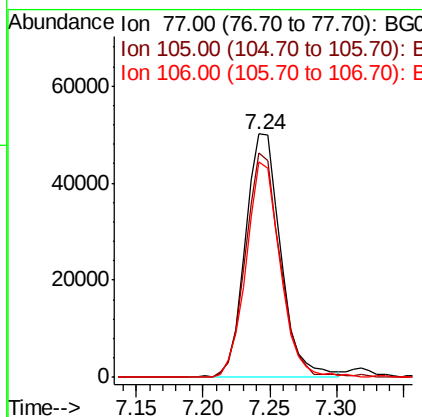
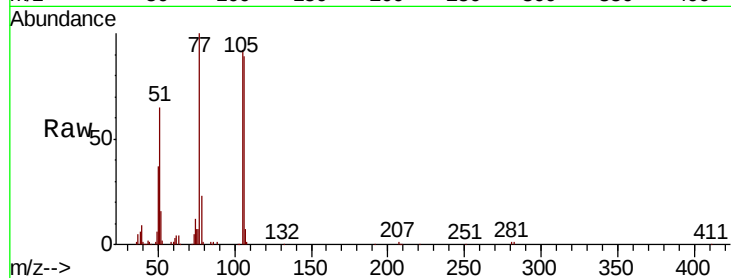
ClientSampleId :

SB-12MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.4	64.5	104.5
106	88.5	63.4	103.4

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#10

Phenol

Concen: 45.729 ng

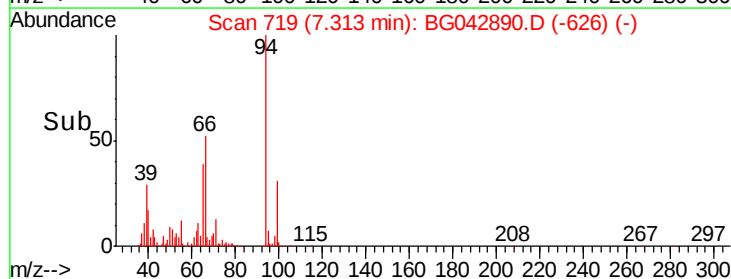
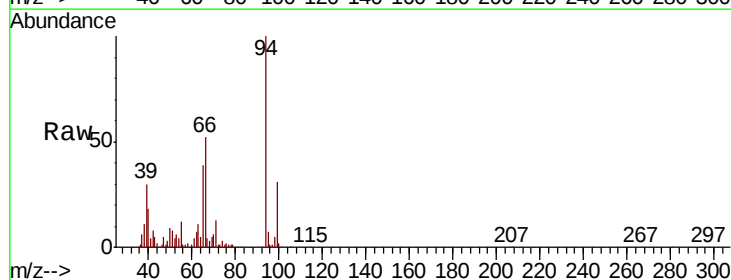
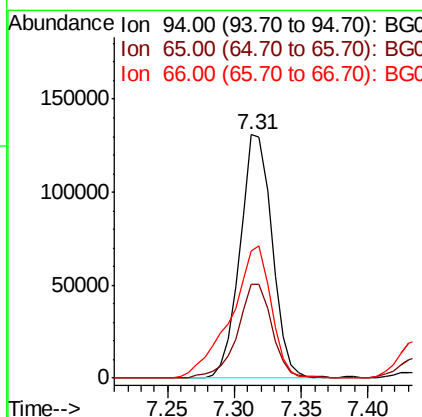
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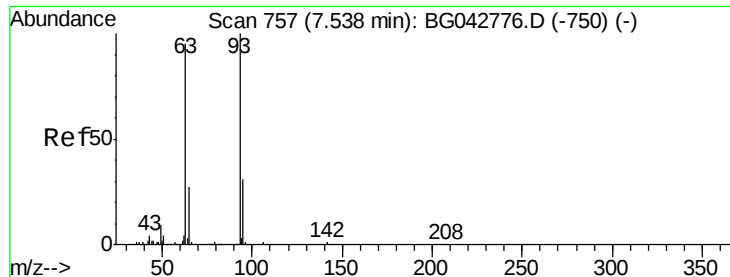
Delta R.T. 0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.6	15.0	55.0
66	52.1	26.1	66.1





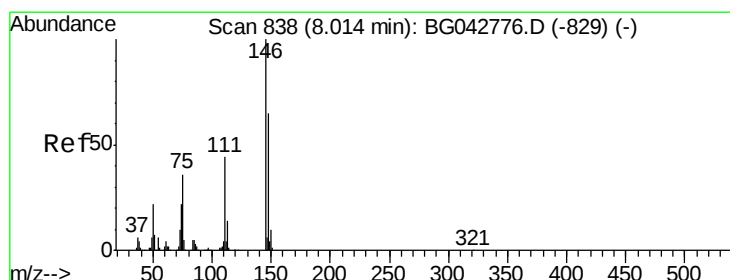
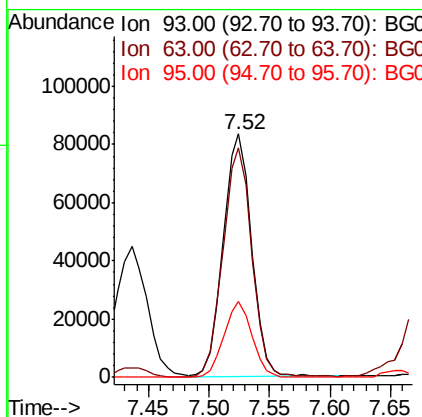
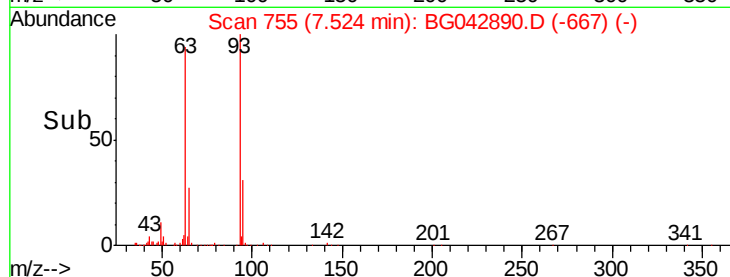
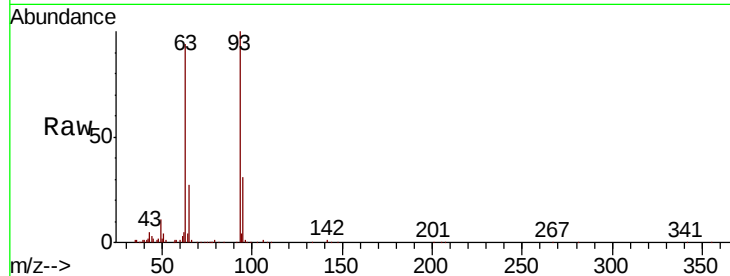
#11
 bis(2-Chloroethyl)ether
 Concen: 37.198 ng
 RT: 7.52 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampled :
 SB-12MSD

Tot Ion:	93	Resp:	136045
Ion Ratio	Lower	Upper	
93	100		
63	94.4	74.7	114.7
95	31.3	11.1	51.1

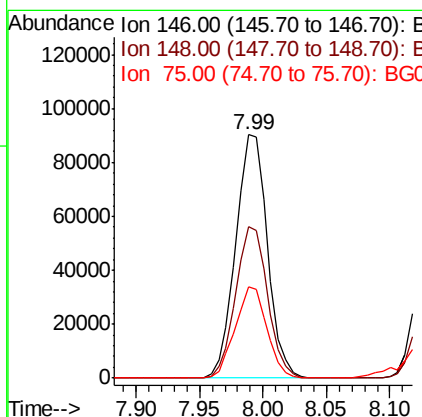
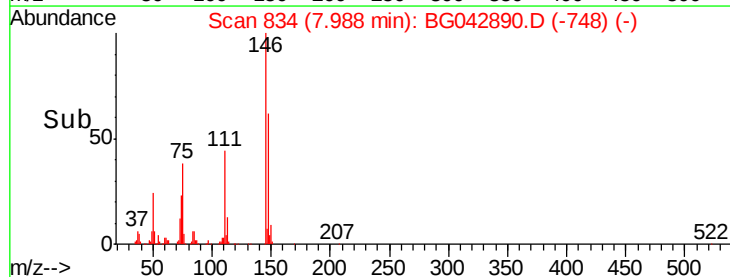
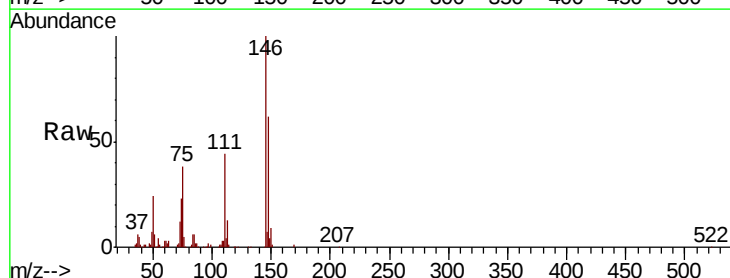
Manual Integrations
 APPROVED

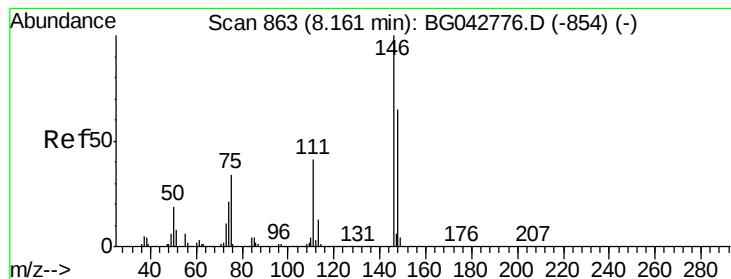
Jagrut
 9/19/2019 10:48:07 AM



#12
 1,3-Dichlorobenzene
 Concen: 36.661 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion:	146	Resp:	156480
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.9	77.9
75	37.6	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 36.202 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

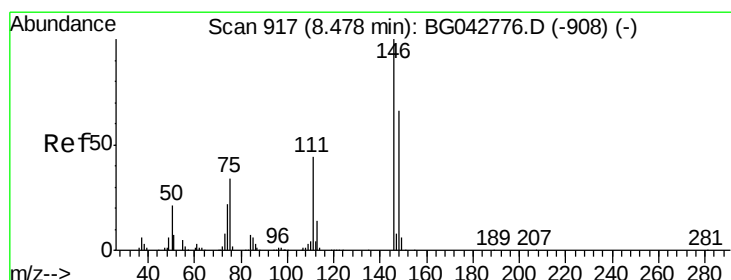
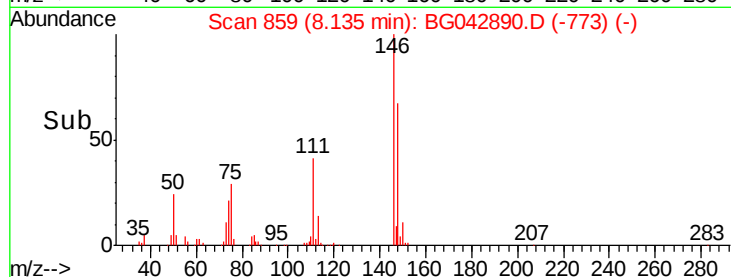
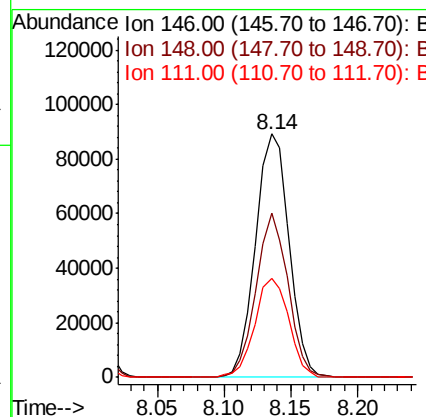
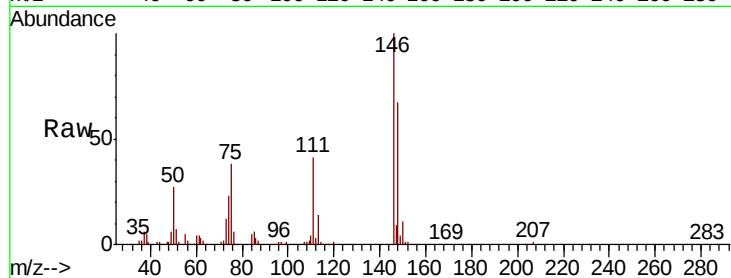
ClientSampleId :

SB-12MSD

Tot Ion:	146	Resp:	154699
Ion Ratio	Lower	Upper	
146	100		
148	67.4	52.2	78.4
111	40.5	32.6	49.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.559 ng

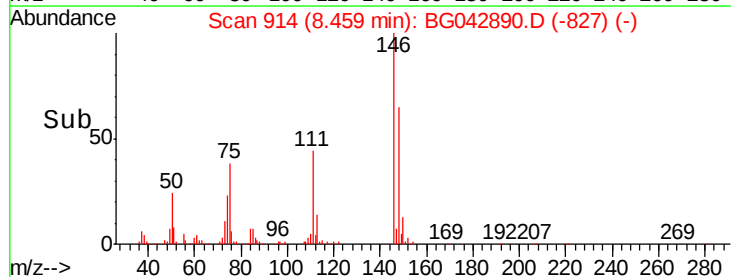
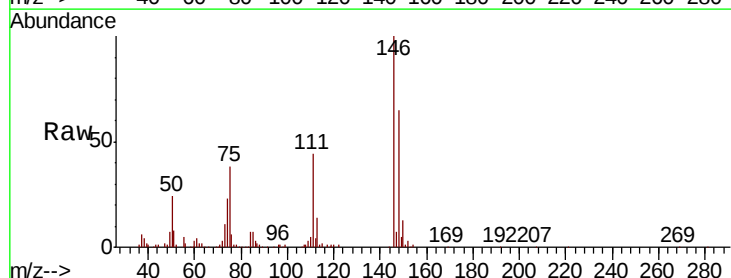
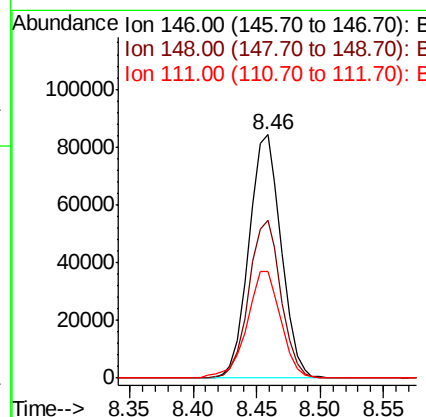
RT: 8.46 min Scan# 914

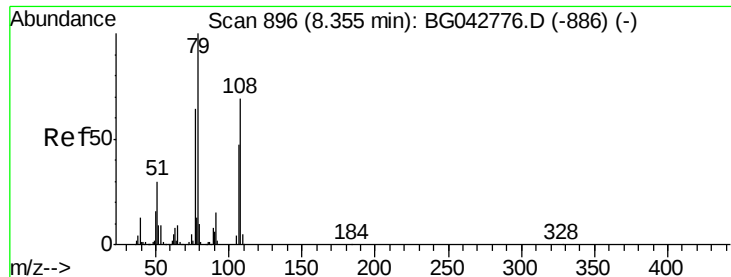
Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	146	Resp:	148713
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.6	78.8
111	44.0	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.393 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

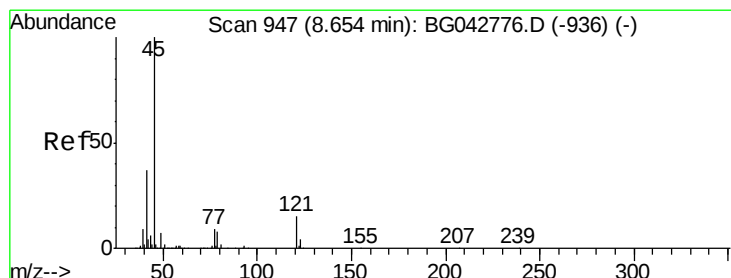
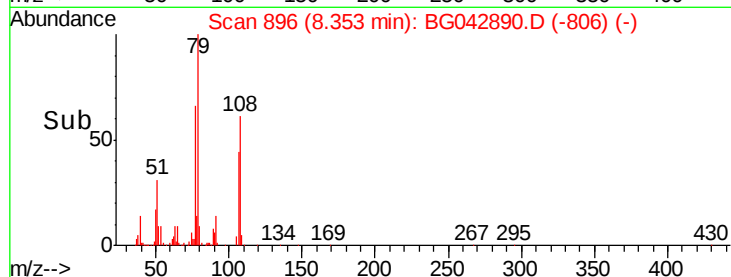
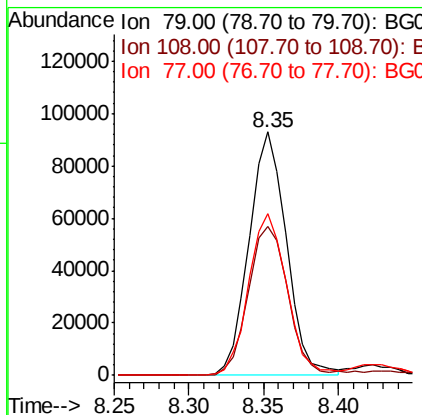
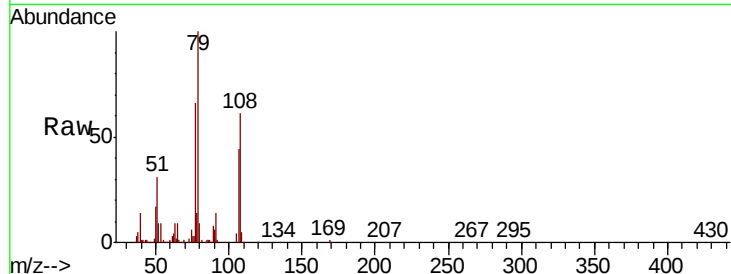
ClientSampleId :

SB-12MSD

Tot Ion:	79	Resp:	161080
Ion	Ratio	Lower	Upper
79	100		
108	61.0	54.9	82.3
77	66.2	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.771 ng

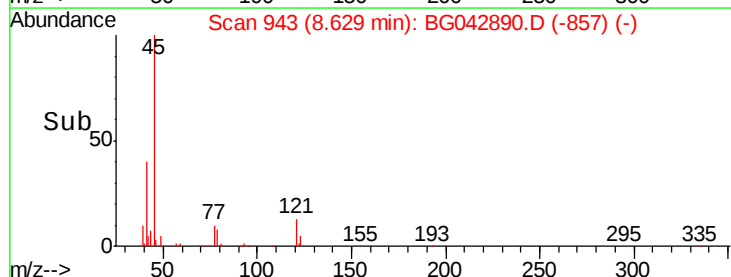
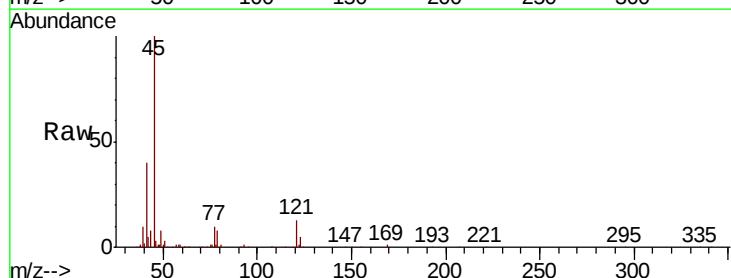
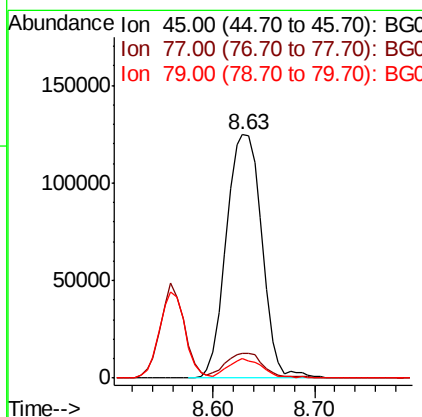
RT: 8.63 min Scan# 943

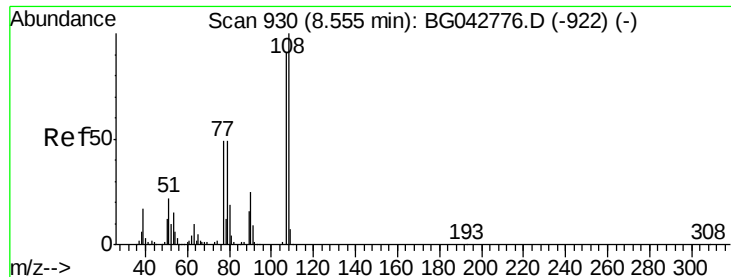
Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	45	Resp:	303353
Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	29.4
79	8.1	0.0	28.4





#17

2-Methylphenol

Concen: 43.703 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

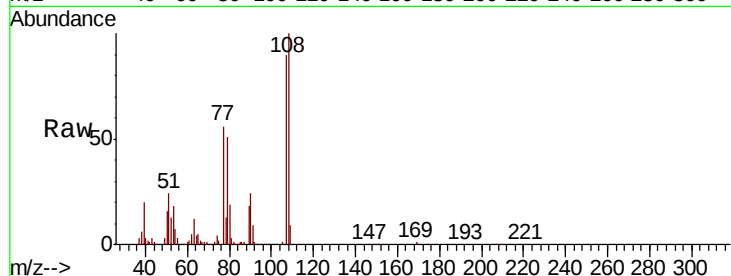
ClientSampleId :

SB-12MSD

Tot Ion:	107	Resp:	139330
Ion Ratio	Lower	Upper	
107	100		
108	111.1	87.7	131.5
77	62.6	42.6	64.0
79	56.7	43.4	65.2

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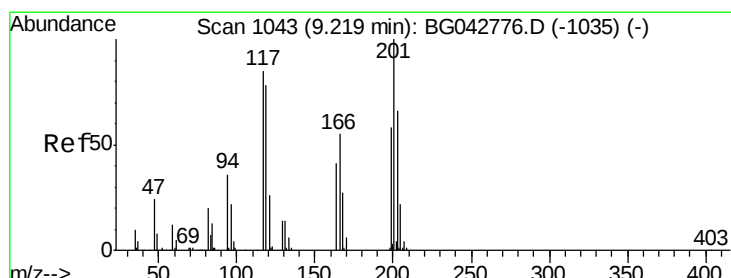
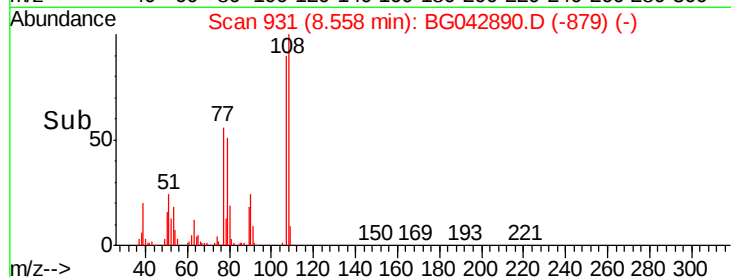
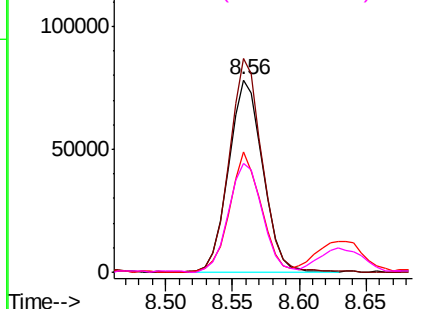
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.691 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

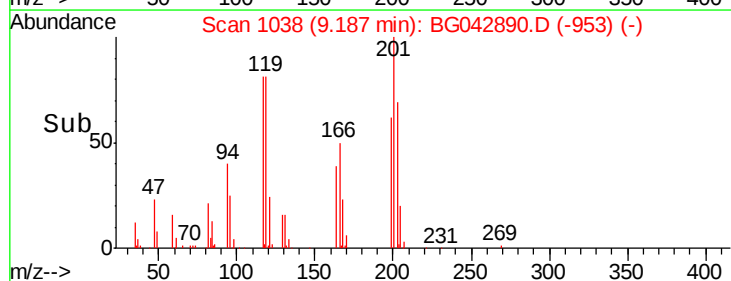
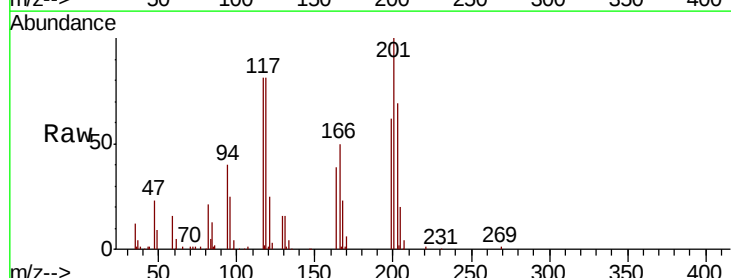
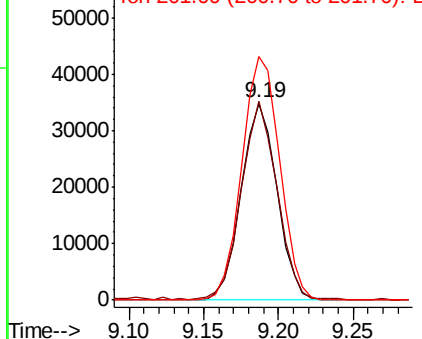
Tgt Ion:	117	Resp:	57885
Ion Ratio	Lower	Upper	
117	100		
119	100.8	73.8	110.8
201	123.8	94.6	142.0

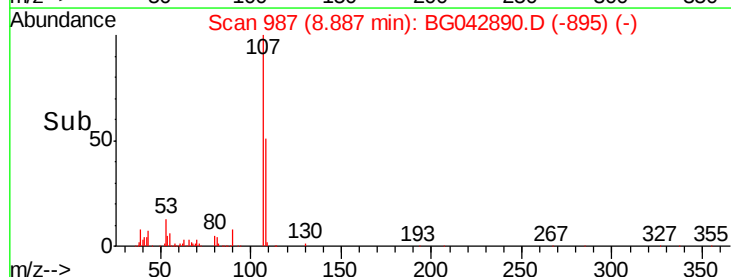
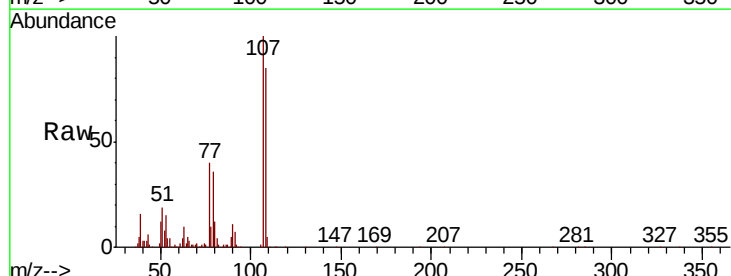
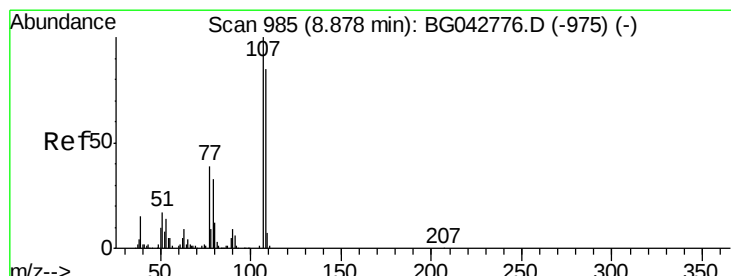
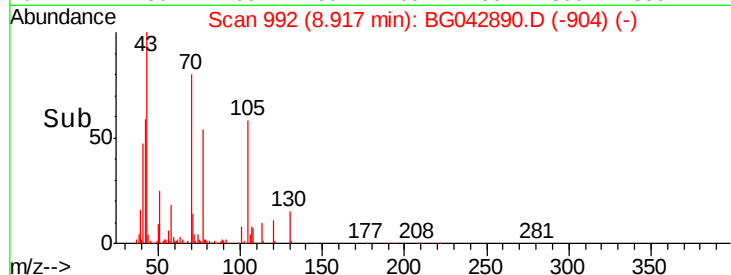
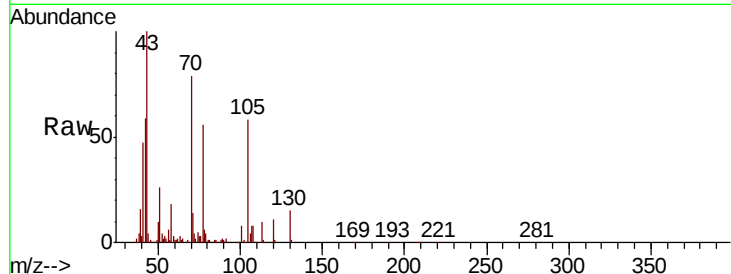
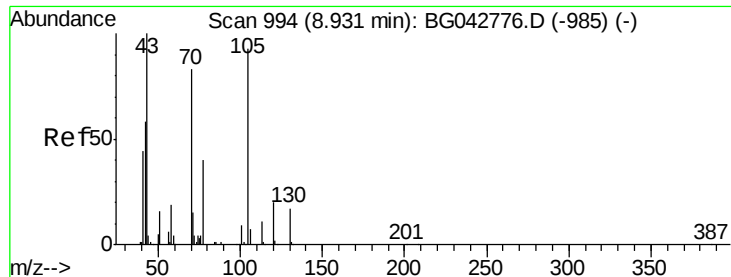
Abundance

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





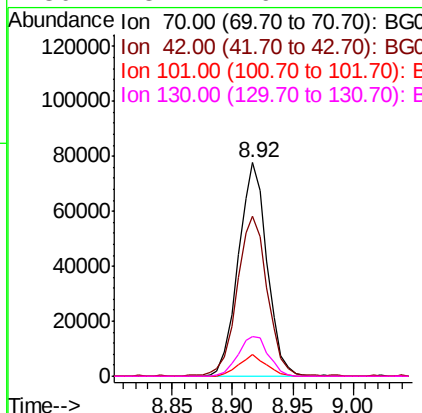
#19
n-Nitroso-di-n-propylamine
Concen: 37.449 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	75.0		57.0	85.6	
101	10.4		8.4	12.6	
130	18.7		16.1	24.1	

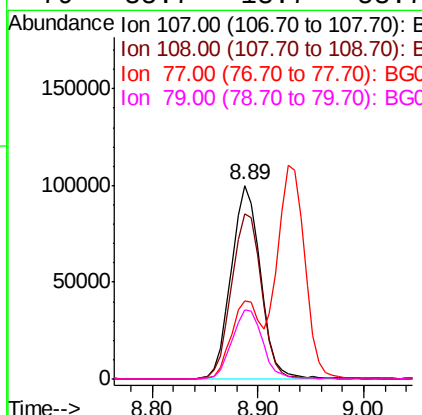
Manual Integrations
APPROVED

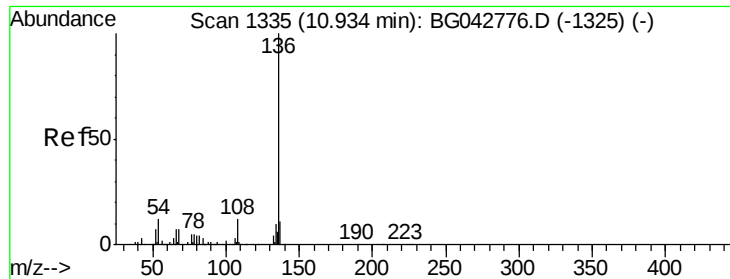
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#20
3+4-Methylphenols
Concen: 43.622 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.1		65.4	105.4	
77	40.5		18.7	58.7	
79	35.7		13.7	53.7	





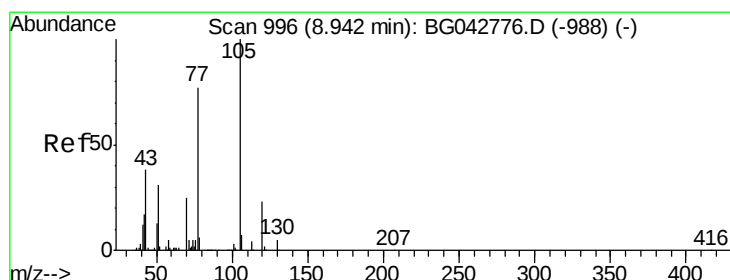
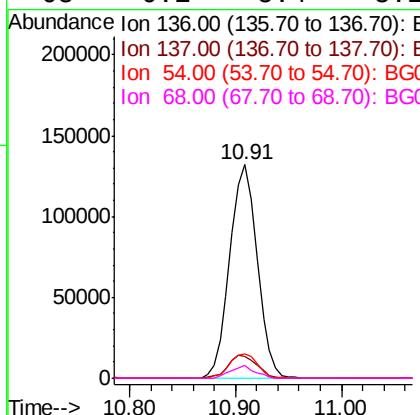
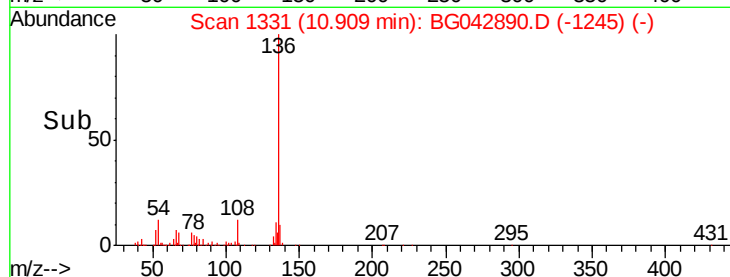
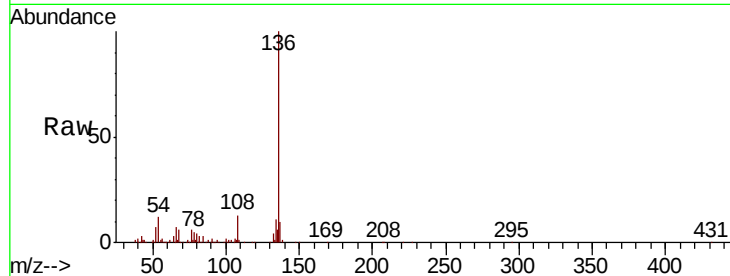
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	238390		
137	10.3		9.0	13.6
54	11.7		9.4	14.0
68	6.1		5.4	8.2

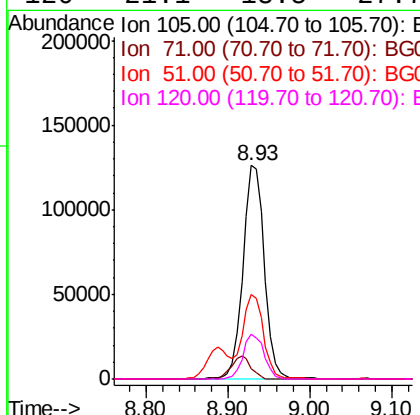
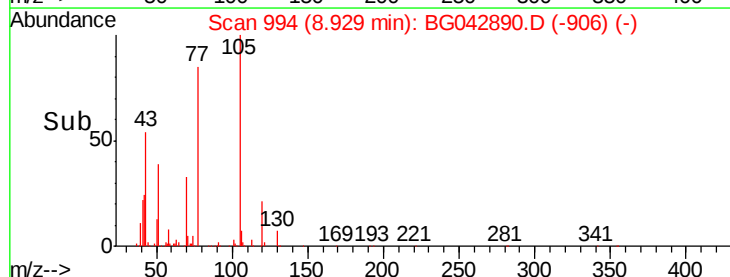
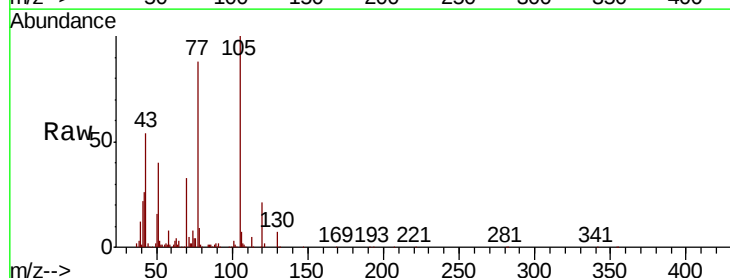
Manual Integrations
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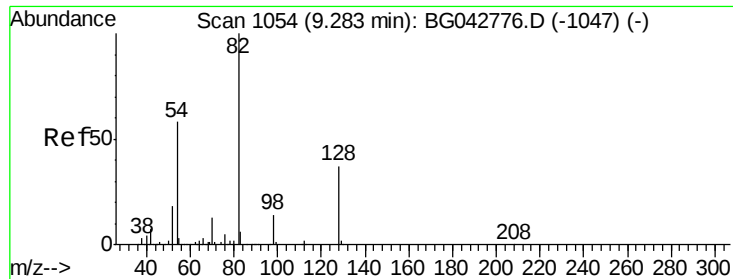
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#22
Acetophenone
Concen: 38.090 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229323		
71	4.9		3.7	5.5
51	39.8		28.8	43.2
120	21.1		18.5	27.7





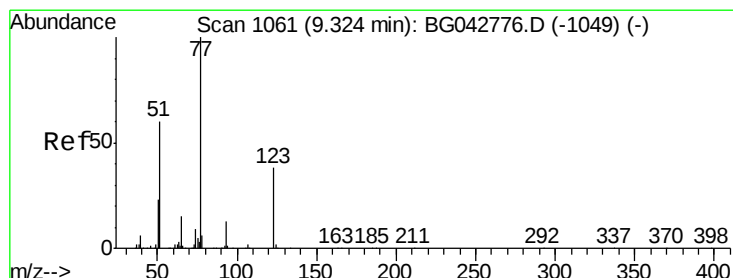
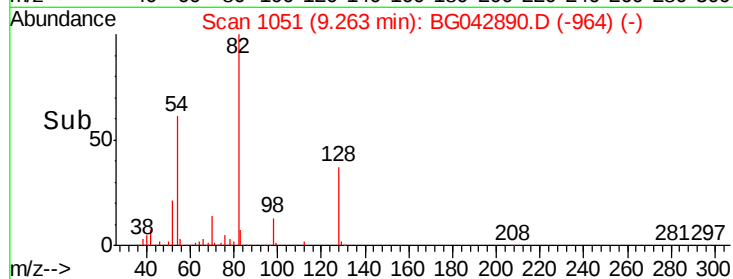
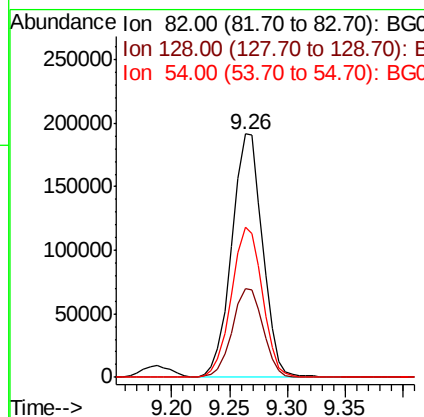
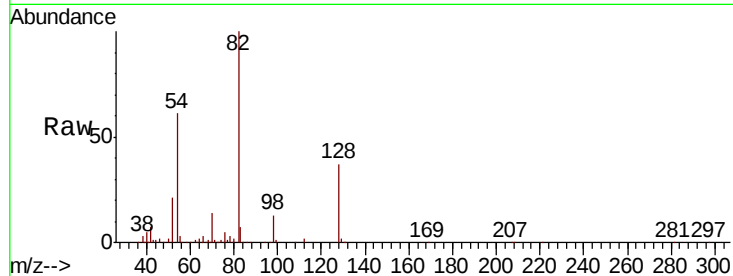
#23
Nitrobenzene-d5
Concen: 77.100 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleID :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.7	29.8	44.8	
54	61.5	46.1	69.1	

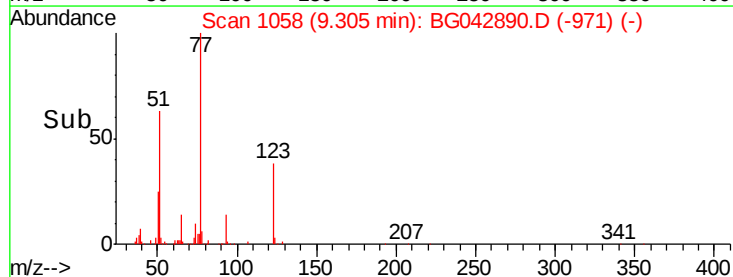
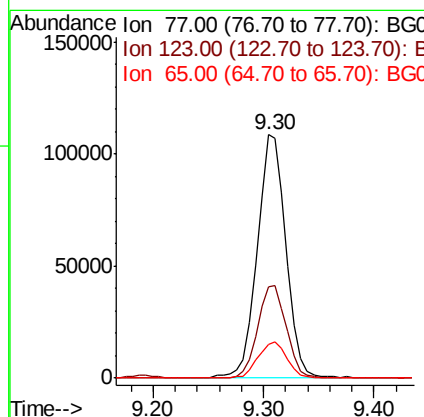
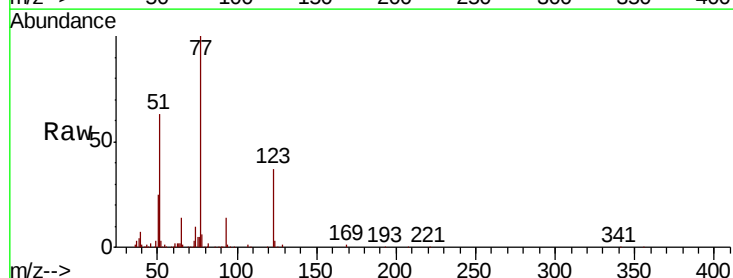
Manual Integrations
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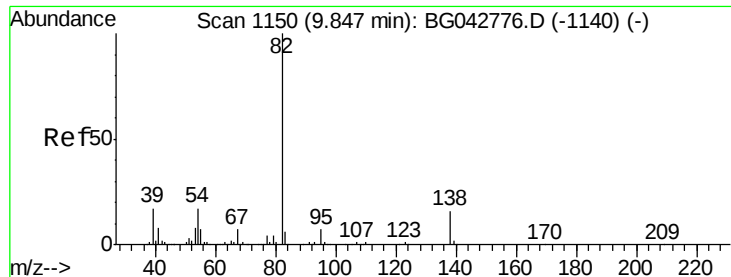
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#24
Nitrobenzene
Concen: 40.814 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.5	30.7	46.1	
65	14.0	12.2	18.4	





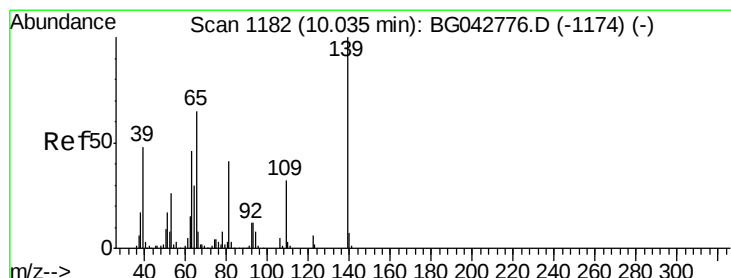
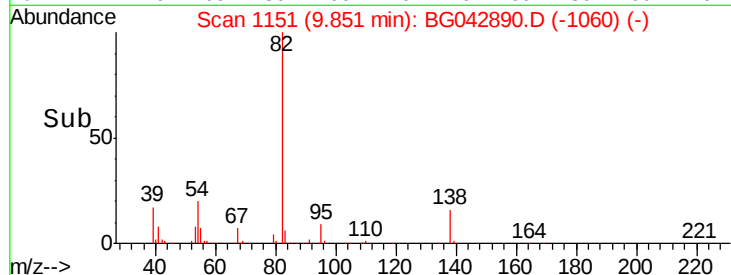
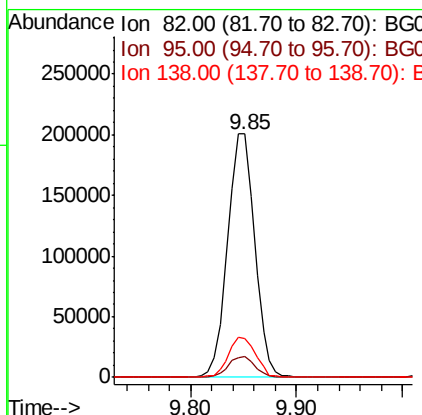
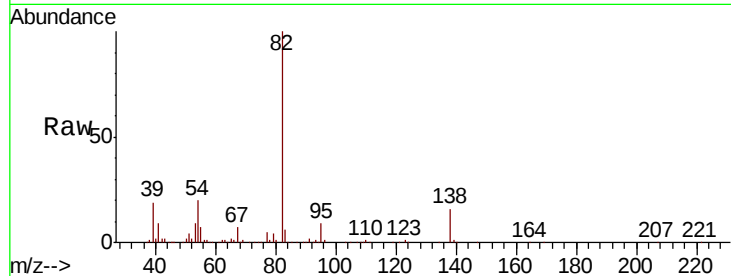
#25
Isophorone
Concen: 37.331 ng
RT: 9.85 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	82	Resp	356299
Ion Ratio	Lower	Upper	
82	100		
95	8.7	5.8	8.8
138	16.2	12.9	19.3

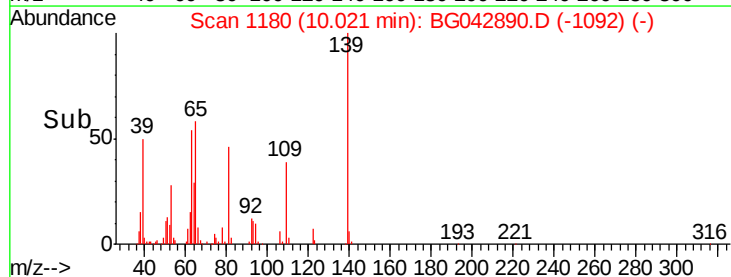
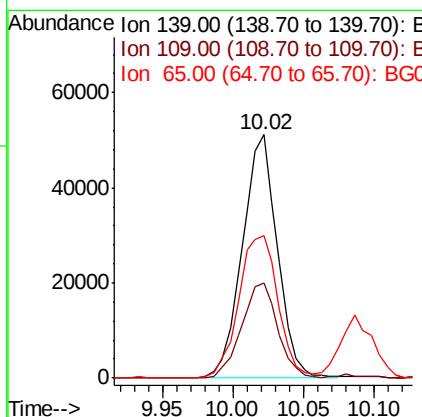
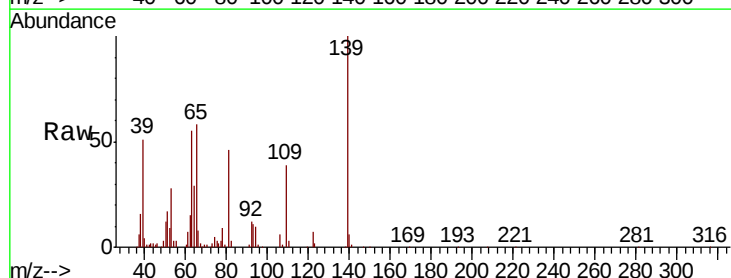
Manual Integrations
APPROVED

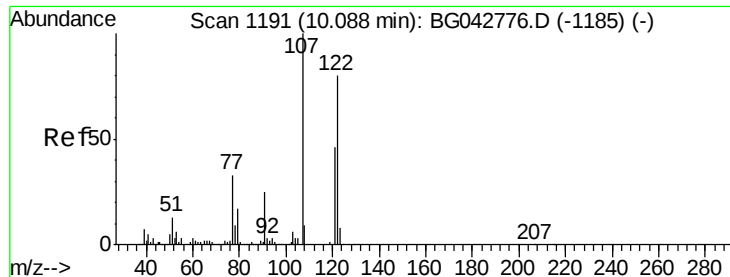
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#26
2-Nitrophenol
Concen: 47.001 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	139	Resp	88830
Ion Ratio	Lower	Upper	
139	100		
109	39.2	25.8	38.8#
65	58.3	52.2	78.2





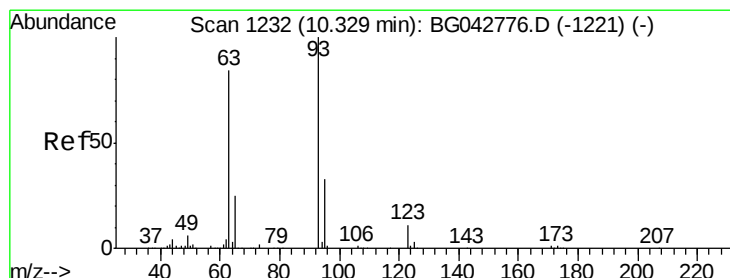
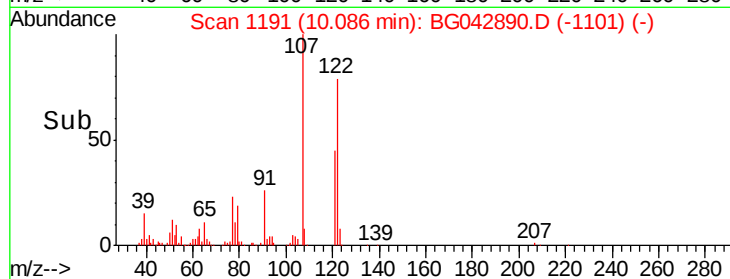
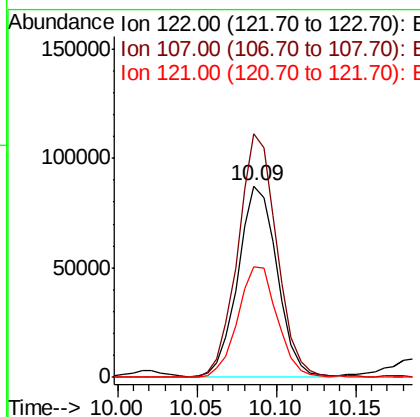
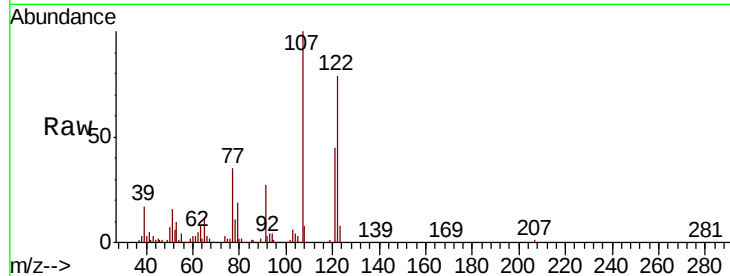
#27
 2,4-Dimethylphenol
 Concen: 44.494 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampled :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	98.9	148.3
121	57.5	46.2	69.2

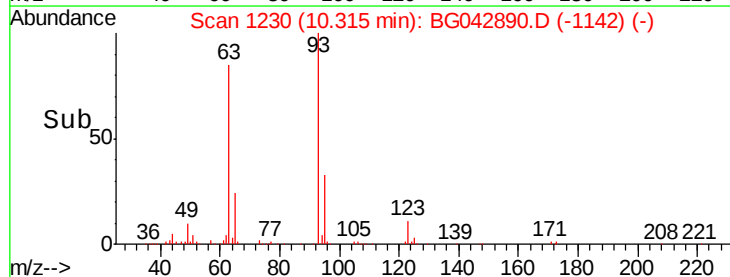
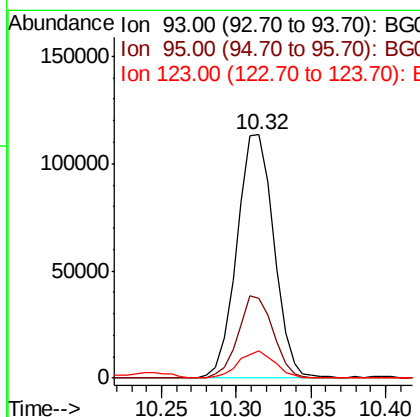
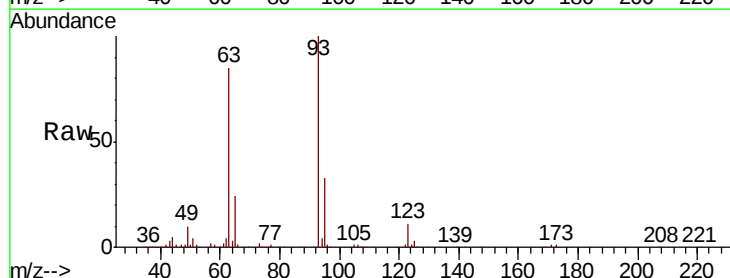
Manual Integrations
 APPROVED

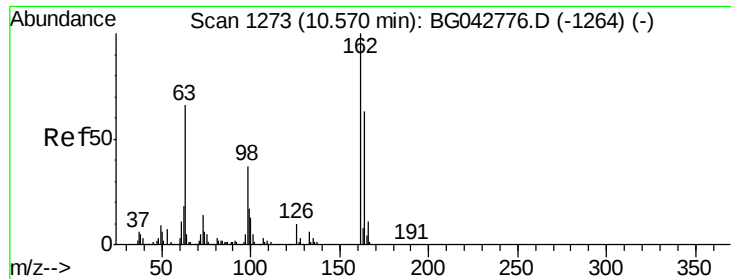
Jagrut
 9/19/2019 10:48:07 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.776 ng
 RT: 10.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	11.1	9.0	13.6





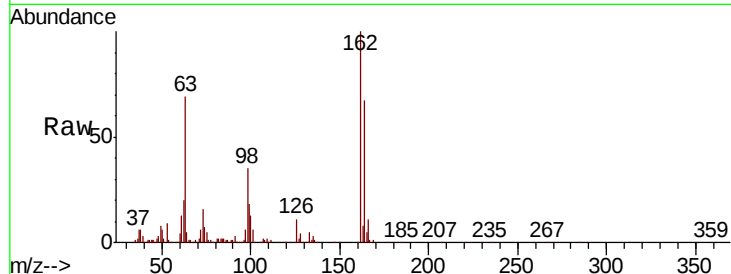
#29
2,4-Dichlorophenol
Concen: 44.743 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.9	43.4	83.4
98	35.0	17.0	57.0

Manual Integrations
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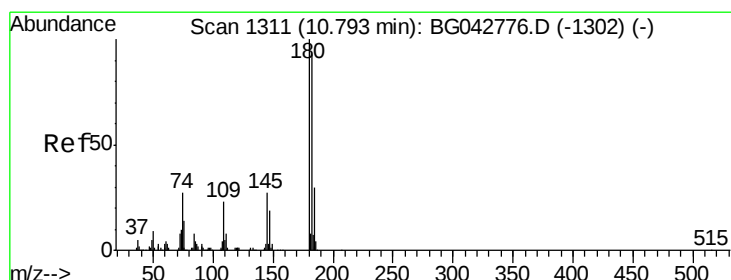
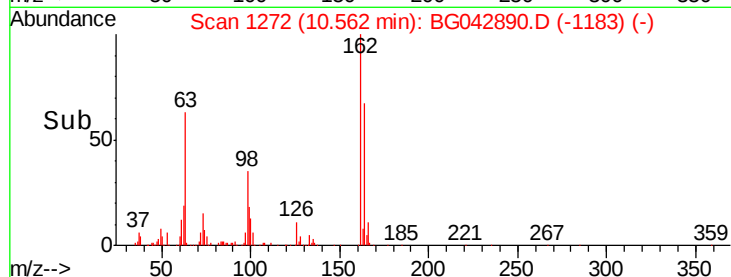
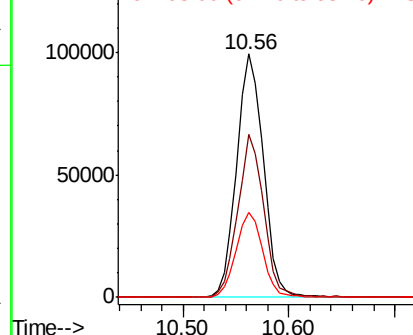


Abundance

Ion 162.00 (161.70 to 162.70): E

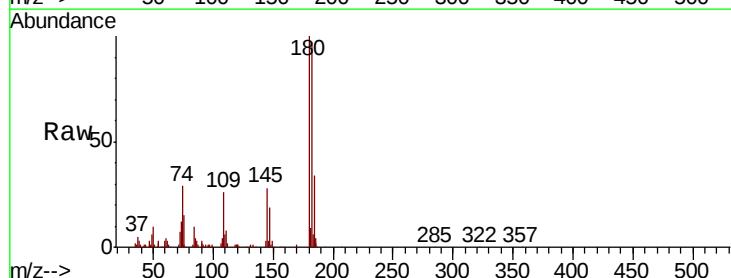
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 39.272 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	74.6	112.0
145	27.8	21.8	32.6

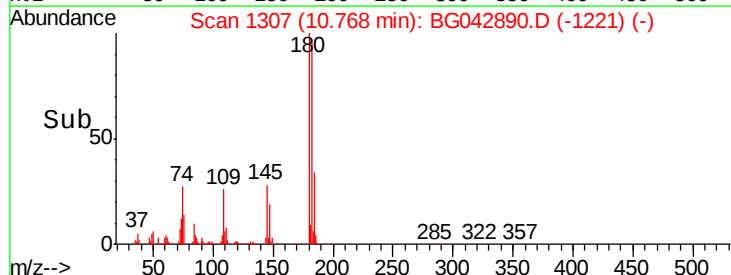
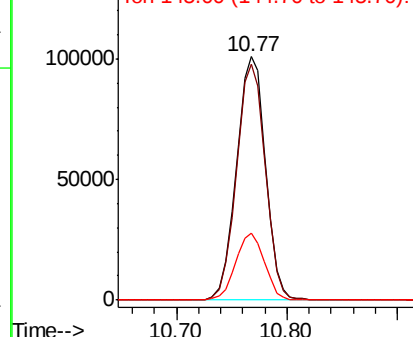


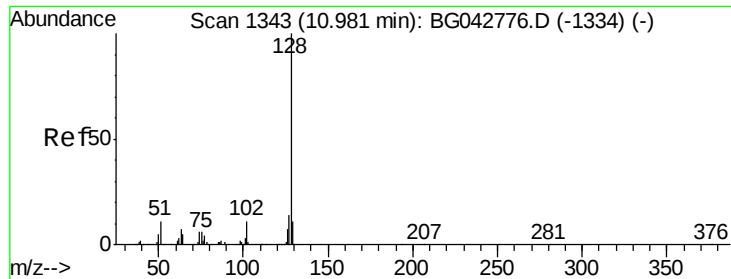
Abundance

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





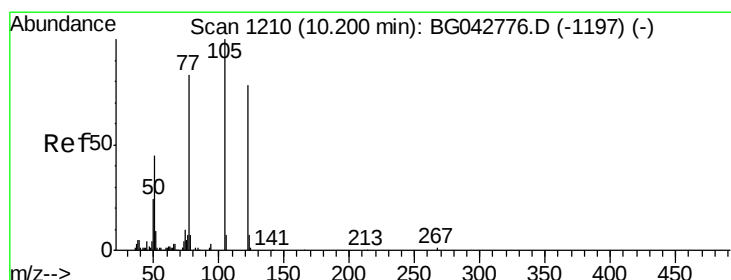
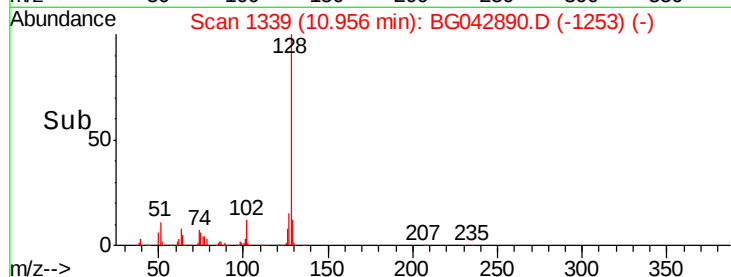
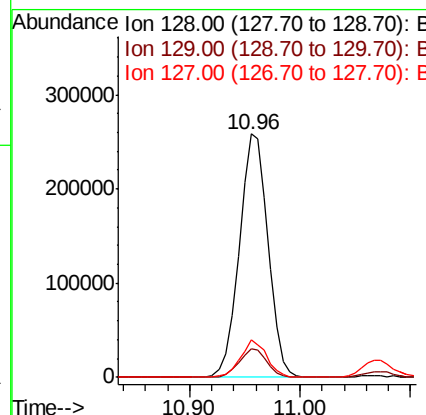
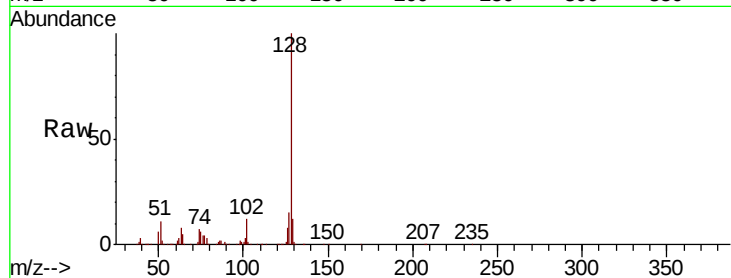
#31
Naphthalene
Concen: 40.049 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	471377		
129	11.6	9.0	13.6	
127	15.4	11.4	17.2	

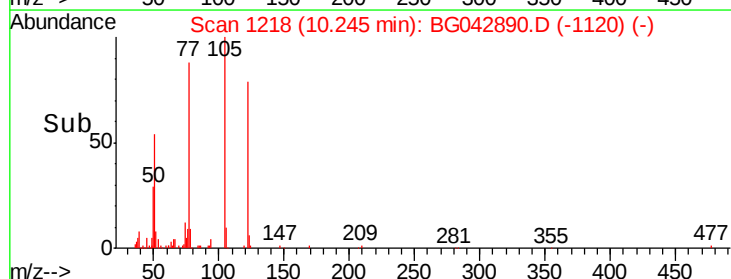
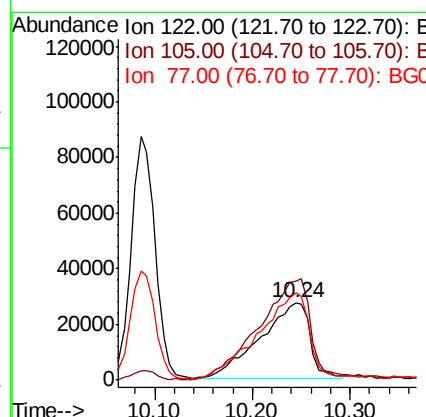
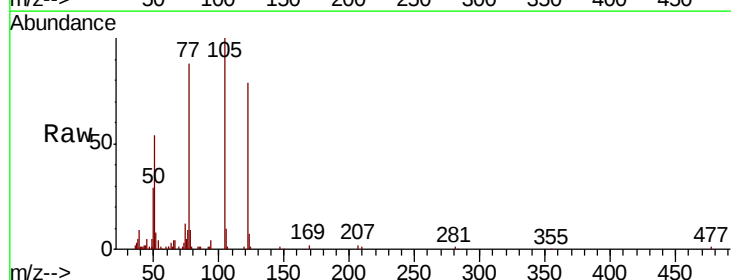
Manual Integrations
APPROVED

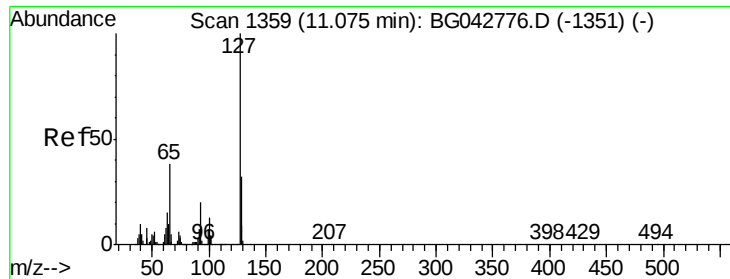
Jagrut
9/19/2019 10:48:07 AM



#32
Benzoic acid
Concen: 37.845 ng
RT: 10.24 min Scan# 1218
Delta R.T. 0.05 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98436		
105	126.9	104.0	144.0	
77	111.9	84.2	124.2	





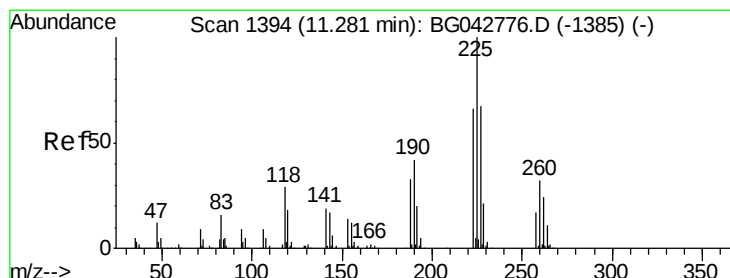
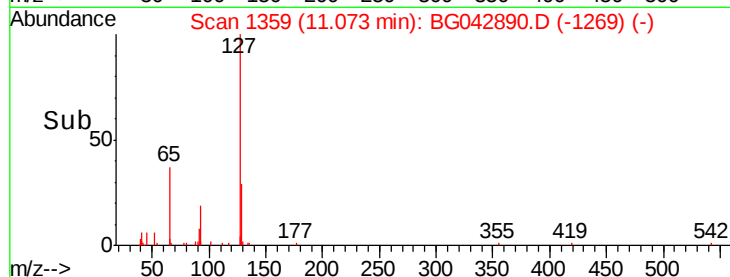
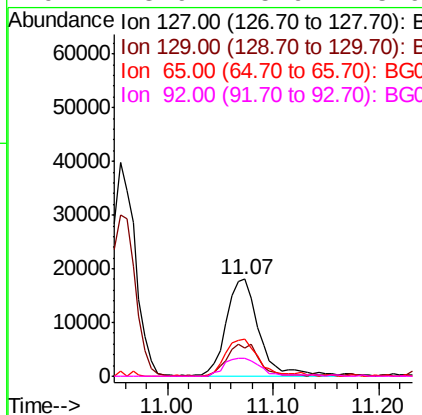
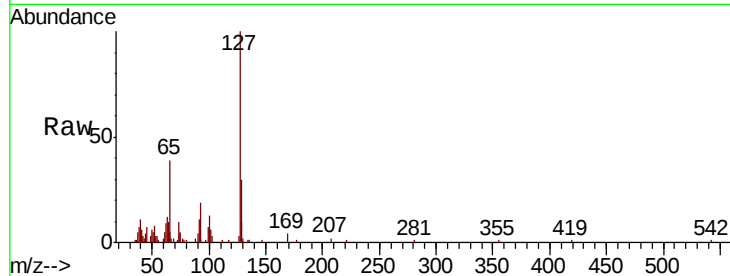
#33
4-Chloroaniline
Concen: 7.094 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.5	25.8	38.6		
65	38.8	30.5	45.7		
92	18.9	15.9	23.9		

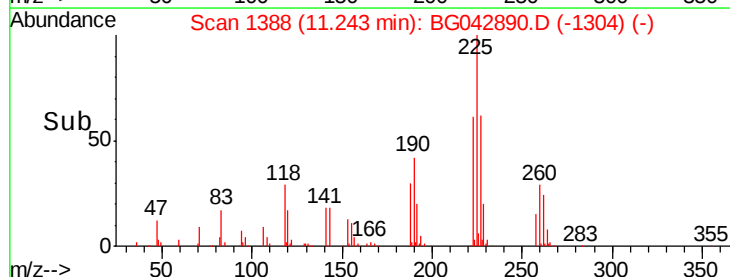
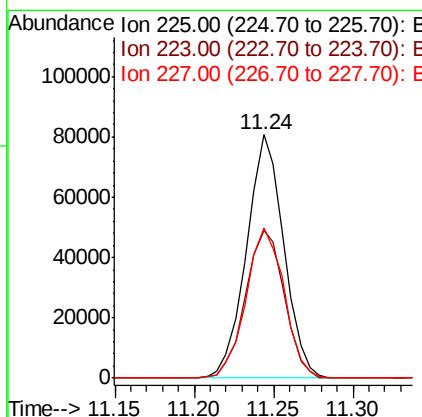
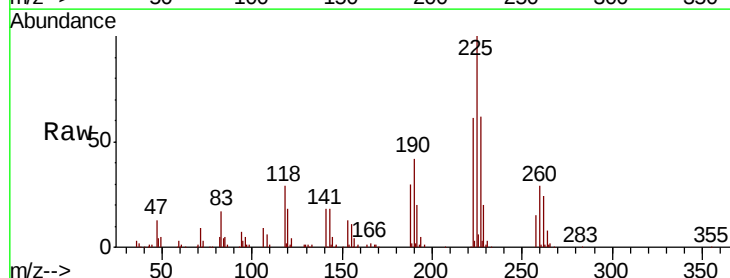
Manual Integrations
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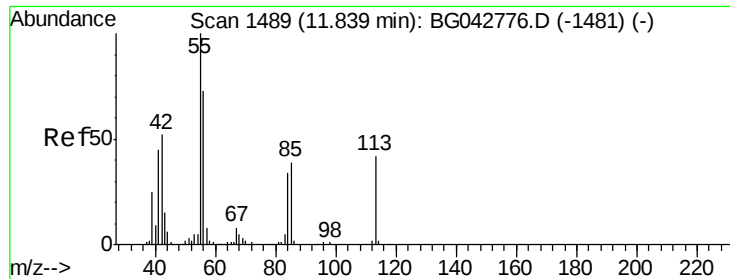
Jagrut
9/19/2019 10:48:07 AM



#34
Hexachlorobutadiene
Concen: 39.622 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	52.6	79.0		
227	61.9	53.6	80.4		





#35

Caprolactam

Concen: 39.058 ng/mL

RT: 11.90 min Scan# 1499

Delta R.T. 0.06 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:113 Resp: 56427

Ion Ratio Lower Upper

113 100

55 216.6 218.4 258.4#

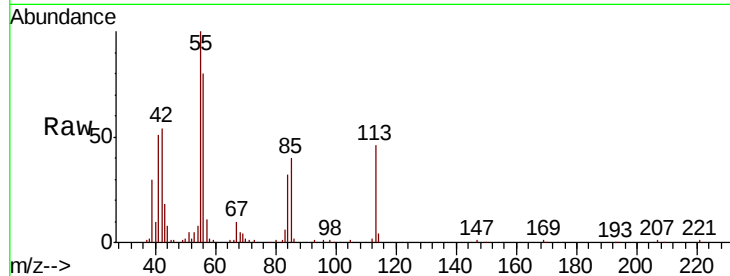
56 173.2 154.8 194.8

Manual Integrations

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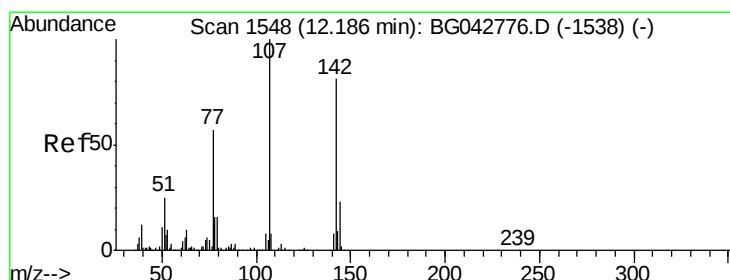
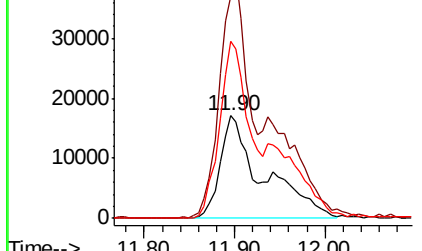
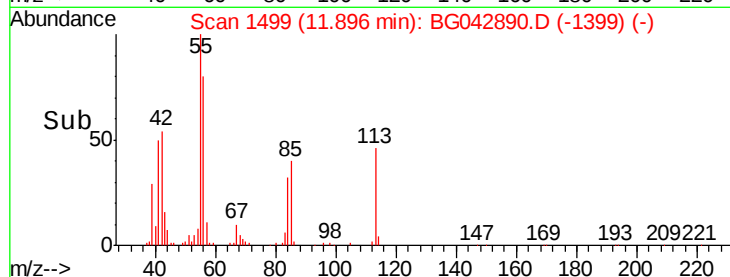


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042776.D (-1481) (-)

Ion 56.00 (55.70 to 56.70): BG042776.D (-1481) (-)

Time-->



#36

4-Chloro-3-methylphenol

Concen: 45.784 ng/mL

RT: 12.20 min Scan# 1551

Delta R.T. 0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

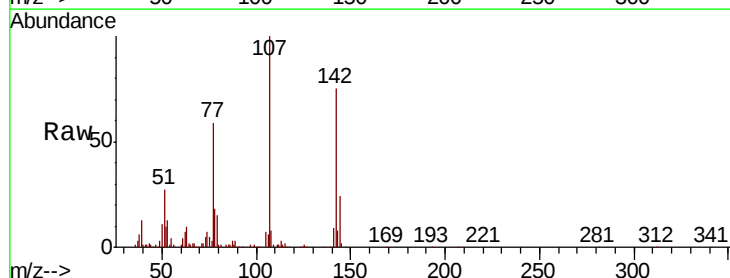
Tgt Ion:107 Resp: 193125

Ion Ratio Lower Upper

107 100

144 24.2 18.7 28.1

142 75.0 65.0 97.4

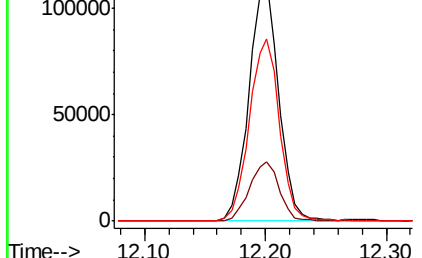
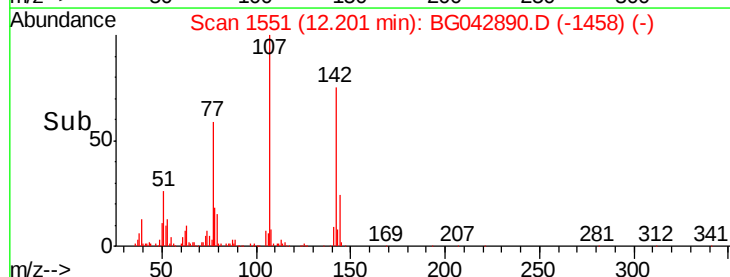


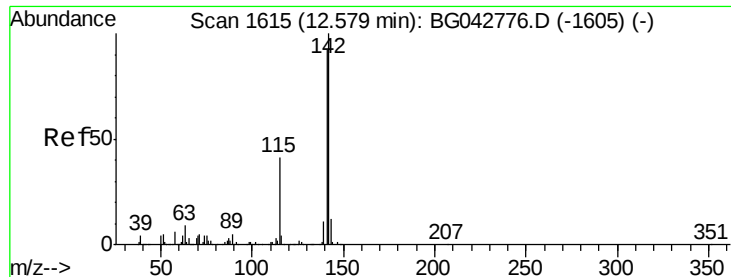
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





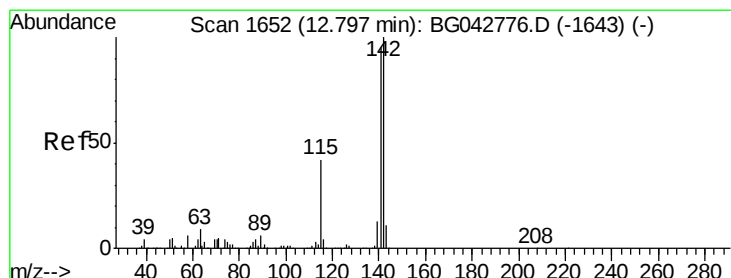
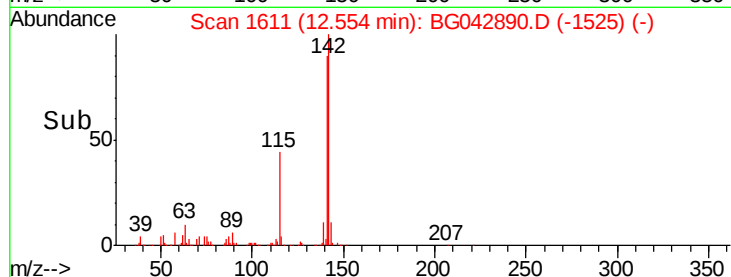
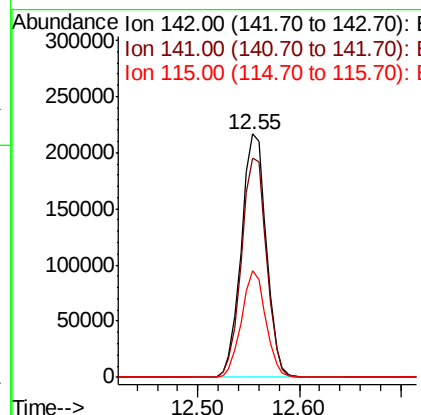
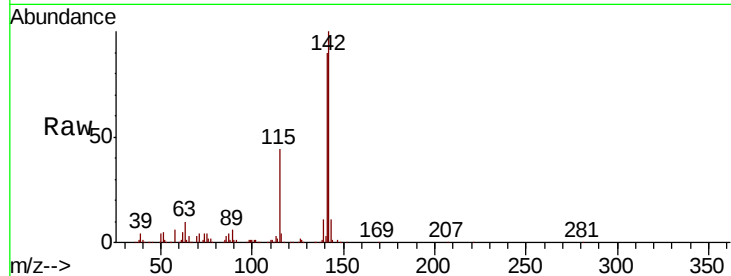
#37
2-Methylnaphthalene
Concen: 42.159 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.8	110.8
115	43.9	33.0	49.4

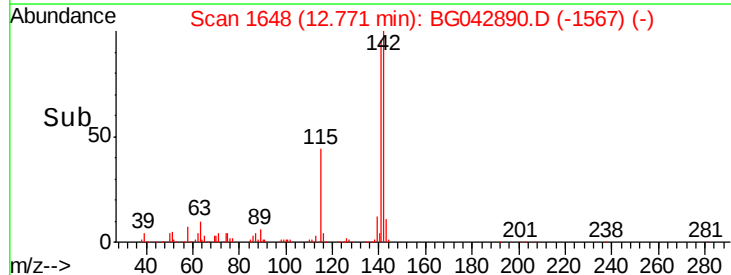
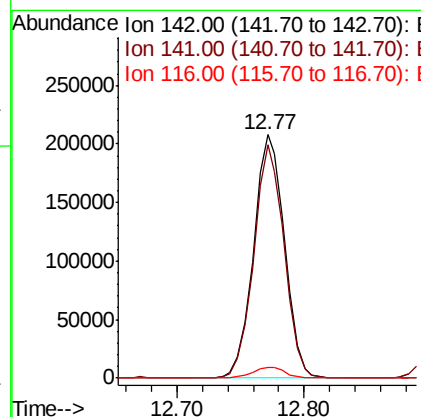
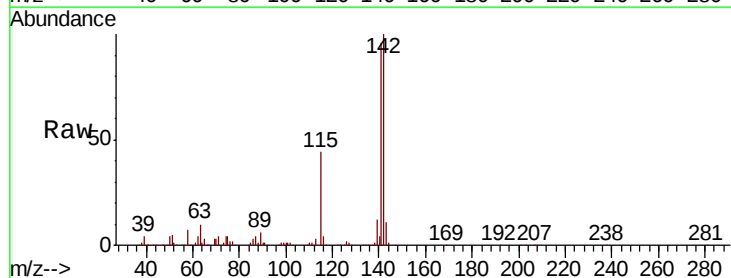
Manual Integrations
APPROVED

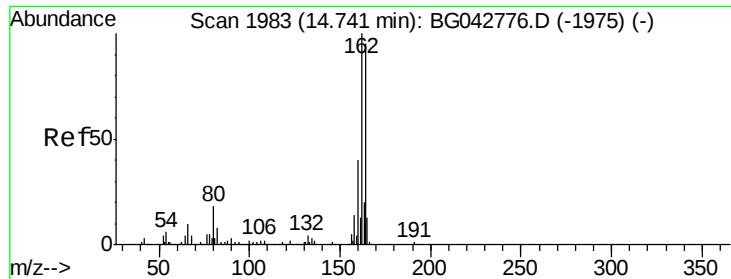
Jagrut
9/19/2019 10:48:07 AM



#38
1-Methylnaphthalene
Concen: 42.484 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	76.3	114.5
116	4.1	3.4	5.0





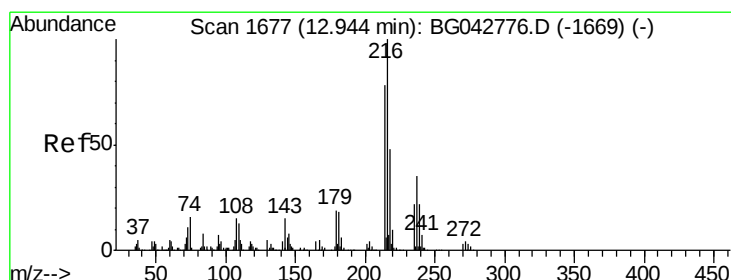
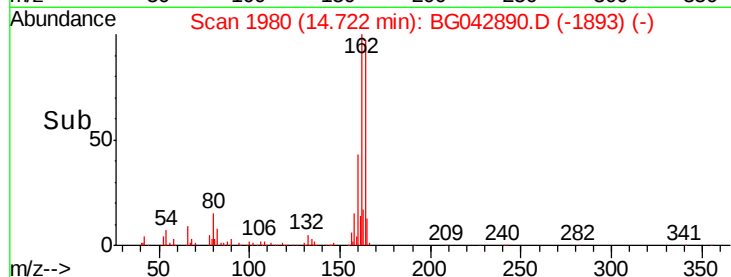
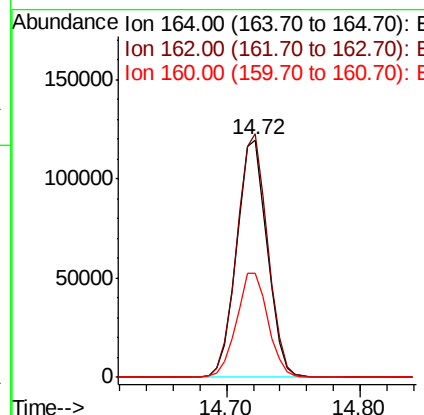
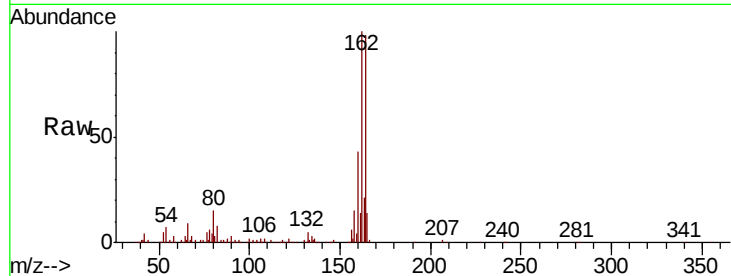
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	84.6	126.8	
160	43.8	34.2	51.2	

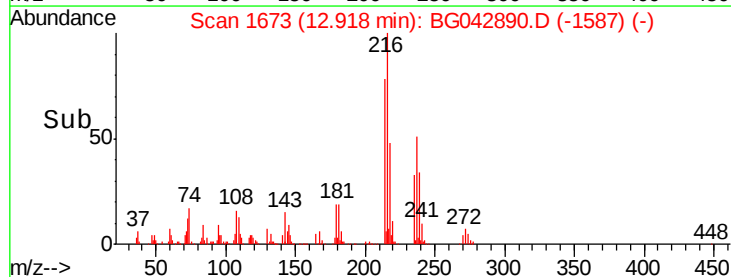
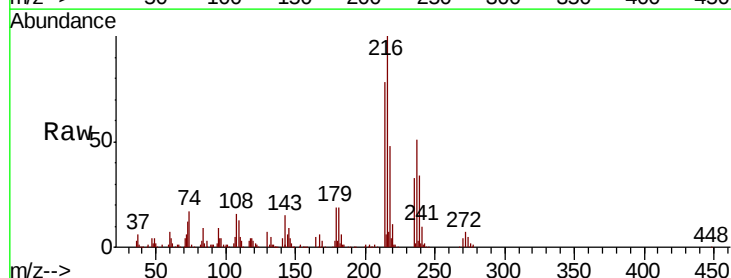
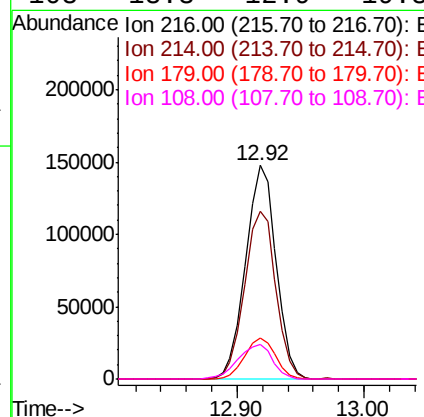
Manual Integrations
APPROVED

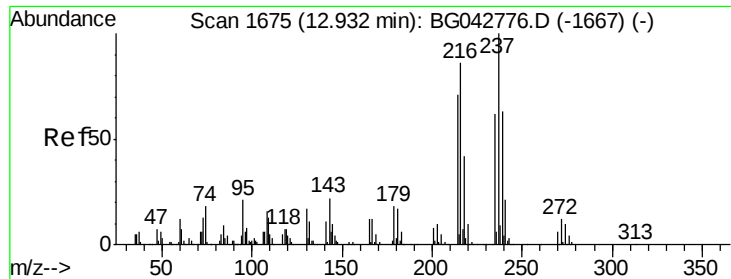
Jagrut
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.173 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.7	62.8	94.2	
179	19.1	15.3	22.9	
108	18.3	12.9	19.3	





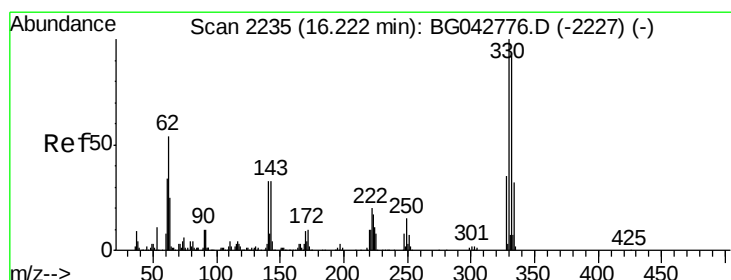
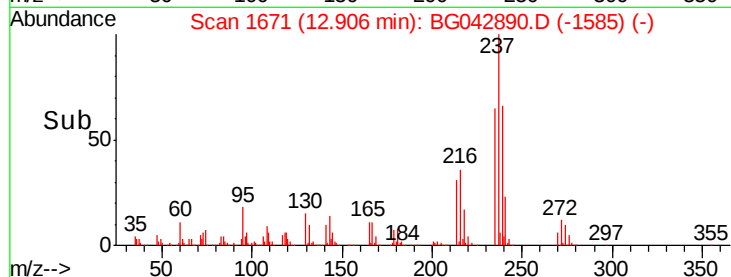
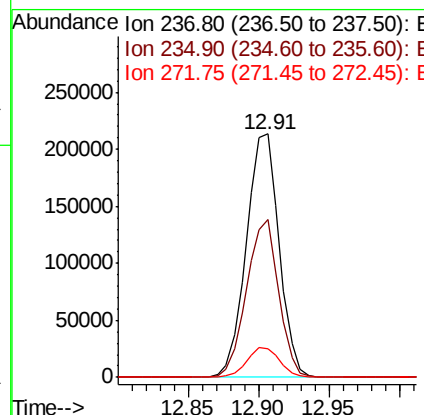
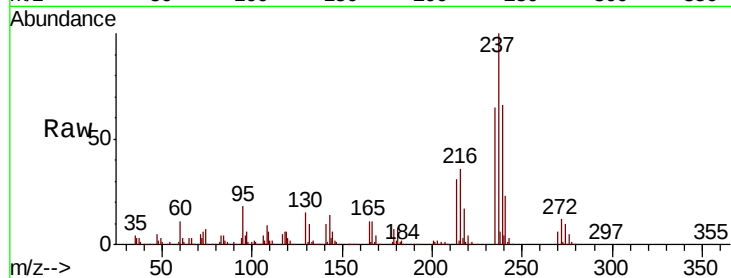
#41
Hexachlorocyclopentadiene
Concen: 96.355 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.0	41.9	81.9	
272	11.7	0.0	31.6	

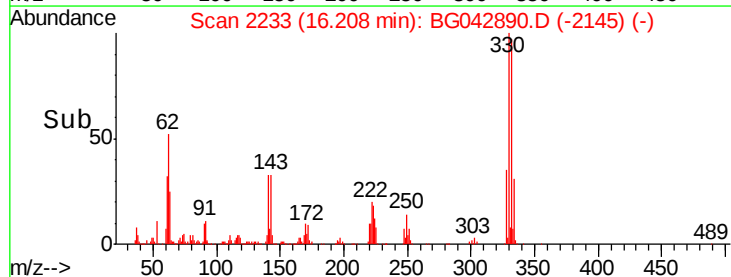
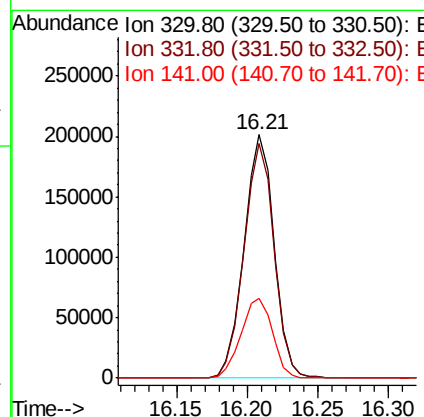
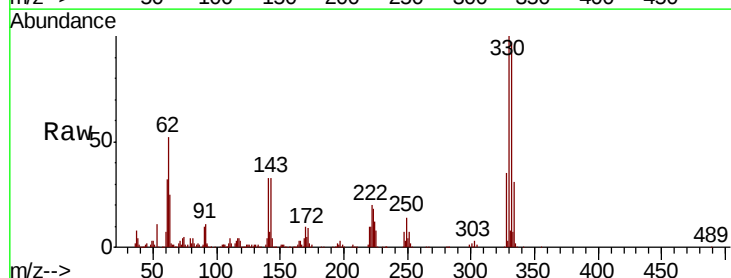
Manual Integrations
APPROVED

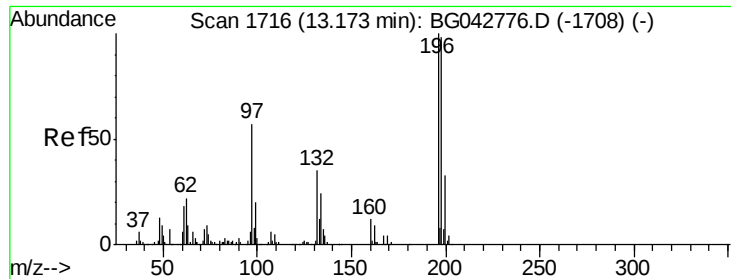
Jagrut
9/19/2019 10:48:07 AM



#42
2,4,6-Tribromophenol
Concen: 118.762 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.7	115.1	
141	34.6	27.0	40.6	





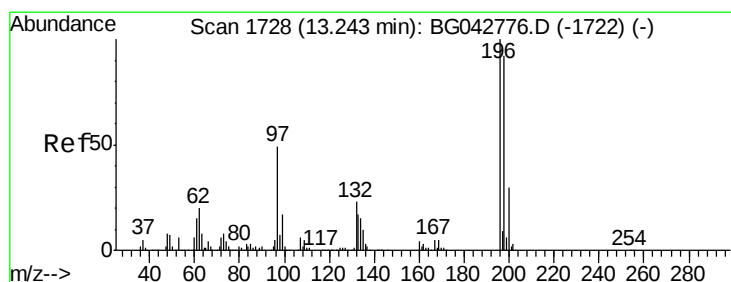
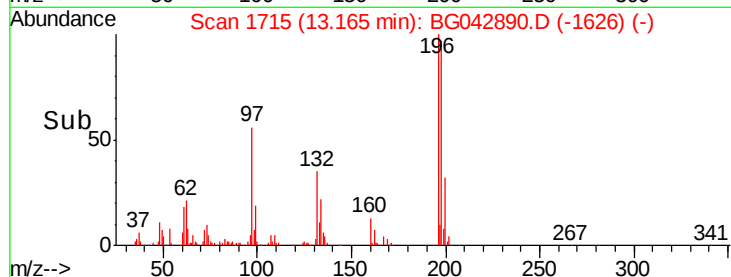
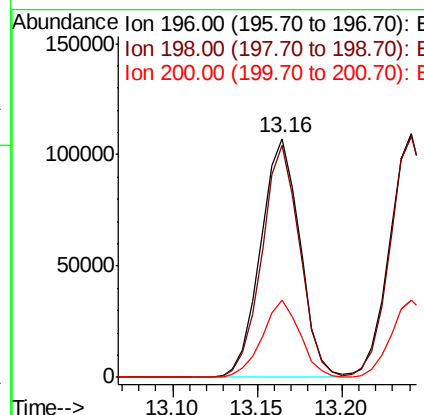
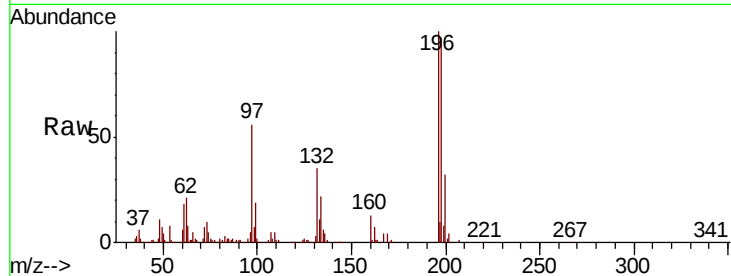
#43
 2,4,6-Trichlorophenol
 Concen: 41.355 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampled :
 SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173085		
198	97.3	78.8	118.2	
200	32.5	26.2	39.4	

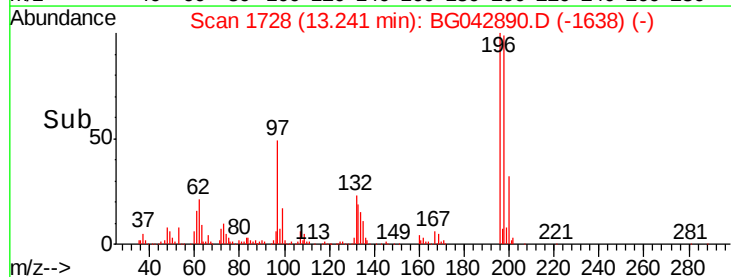
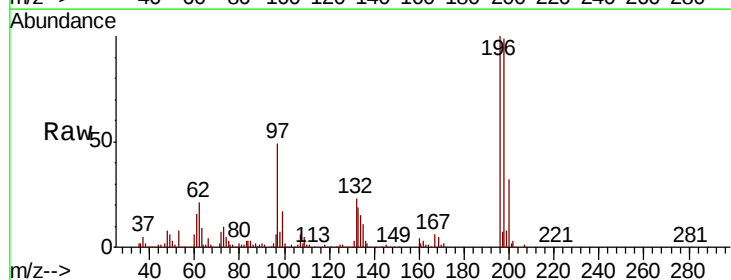
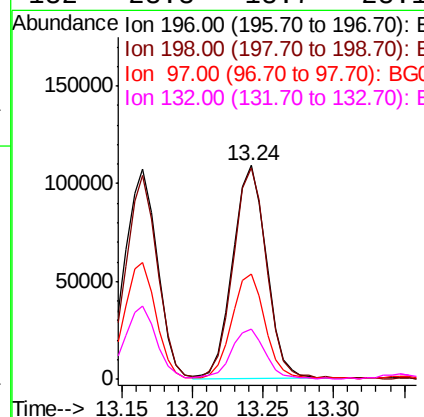
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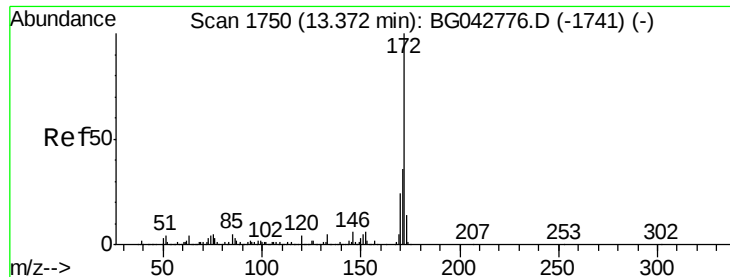
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#44
 2,4,5-Trichlorophenol
 Concen: 42.077 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180386		
198	98.9	73.4	110.0	
97	48.9	39.2	58.8	
132	23.3	18.7	28.1	





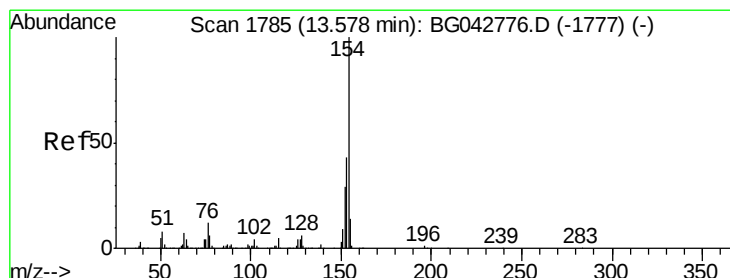
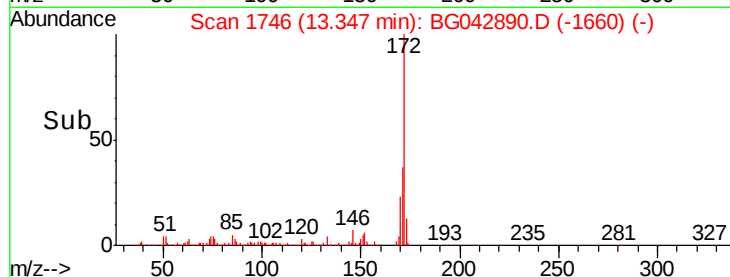
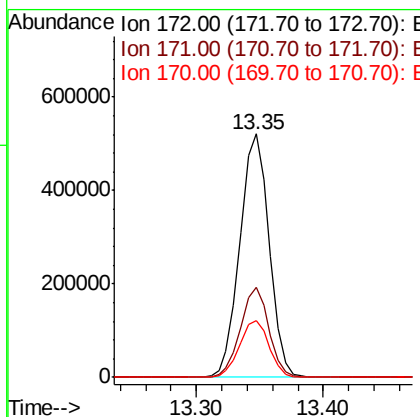
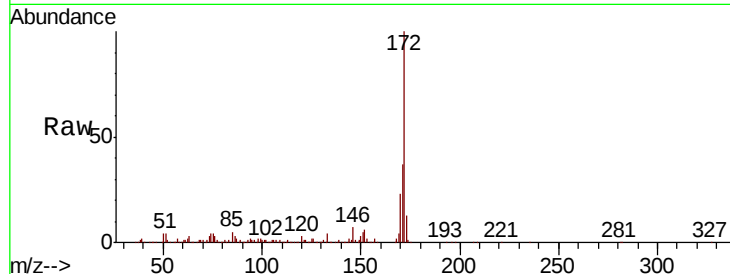
#45
2-Fluorobiphenyl
Concen: 69.352 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion:	172	Resp:	833516
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.9	43.3
170	23.1	19.1	28.7

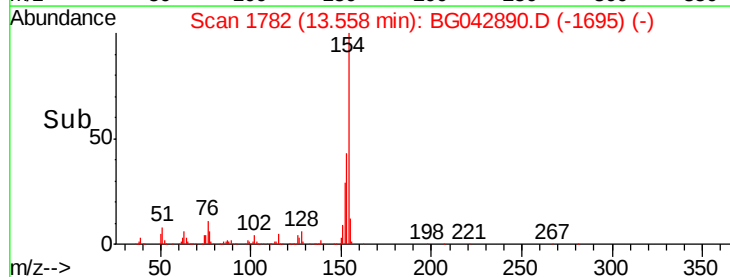
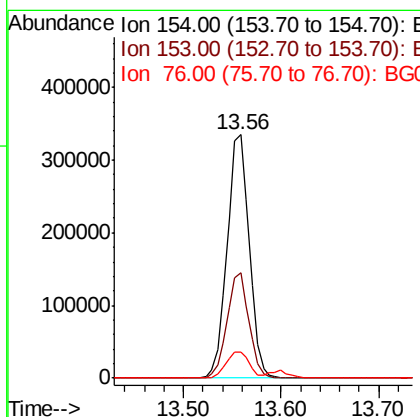
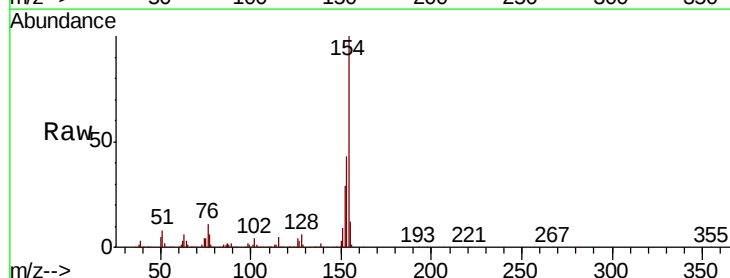
Manual Integrations
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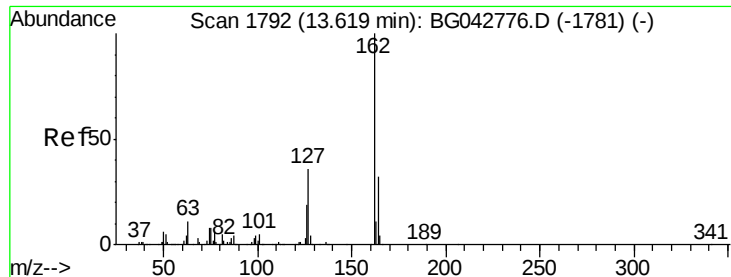
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#46
1,1'-Biphenyl
Concen: 39.506 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion:	154	Resp:	526159
Ion Ratio	Lower	Upper	
154	100		
153	43.3	22.6	62.6
76	10.8	0.0	32.2





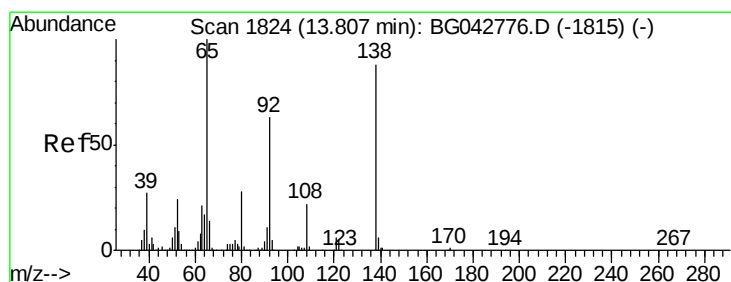
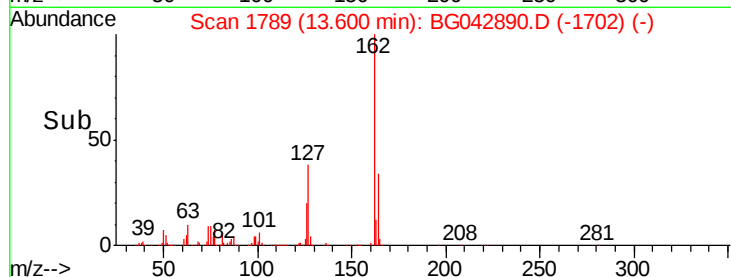
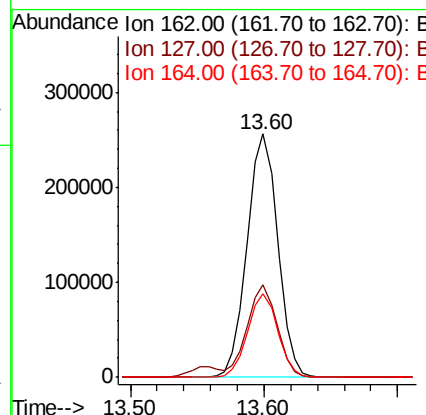
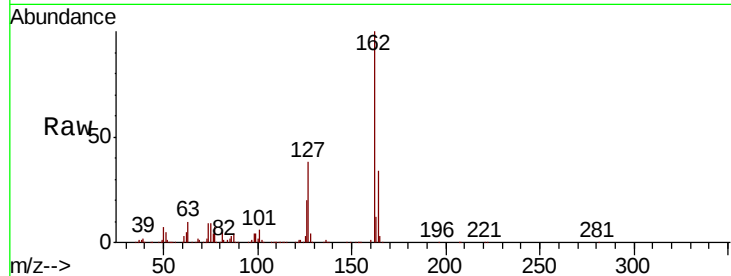
#47
2-Chloronaphthalene
Concen: 36.949 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.1	29.3	43.9	
164	34.5	26.0	39.0	

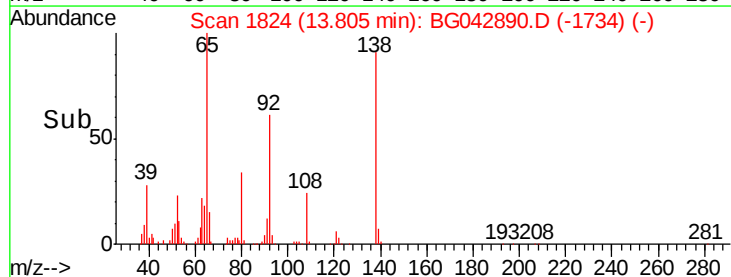
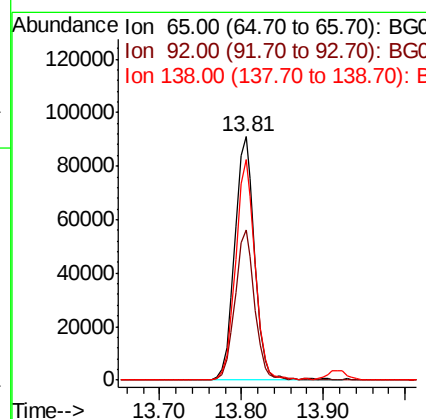
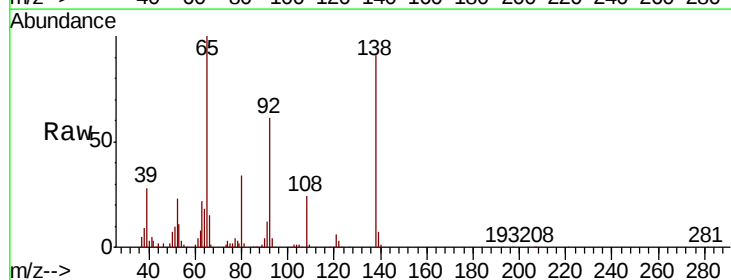
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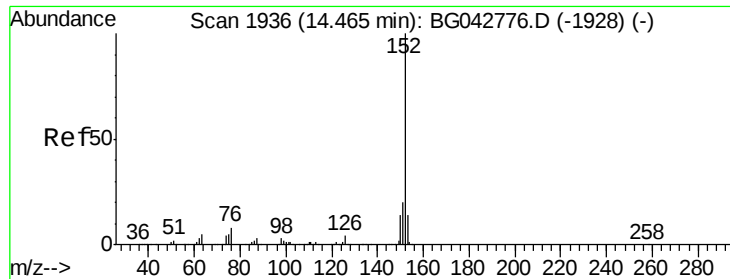
Jagrut
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#48
2-Nitroaniline
Concen: 40.402 ng
RT: 13.81 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	61.4	50.4	75.6	
138	90.6	70.6	106.0	





#49

Acenaphthylene

Concen: 39.568 ng

RT: 14.45 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

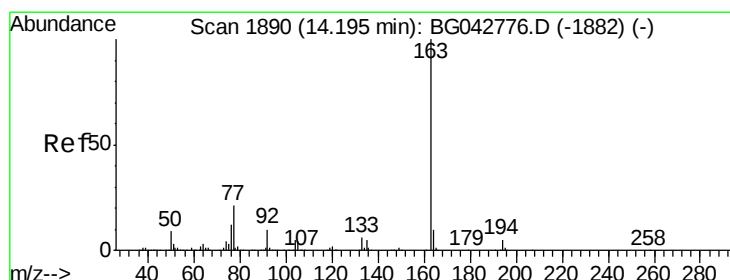
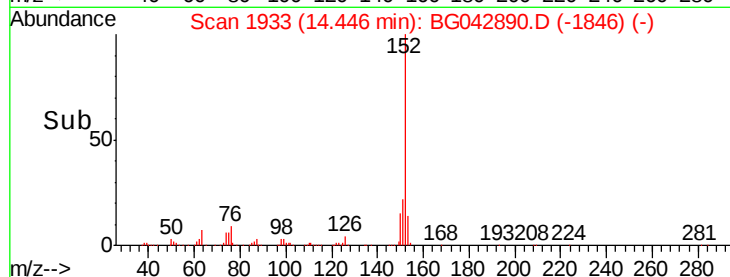
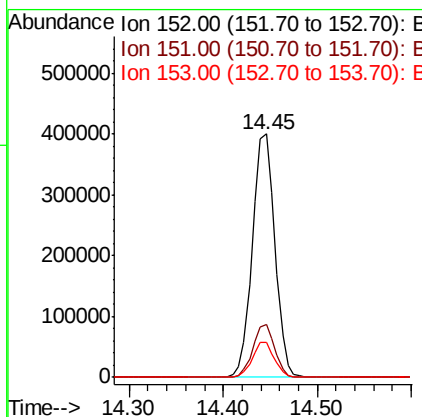
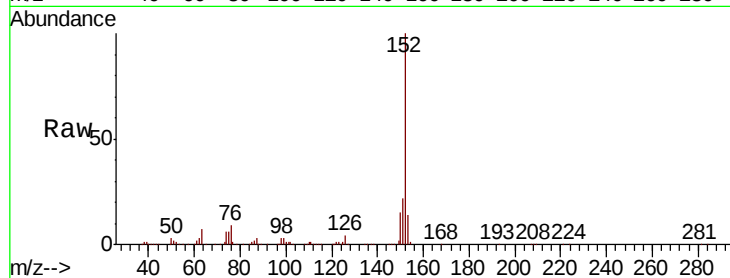
ClientSampleId :

SB-12MSD

Tot Ion:	152	Resp:	666185
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.0	24.0
153	14.3	11.4	17.0

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#50

Dimethylphthalate

Concen: 46.677 ng

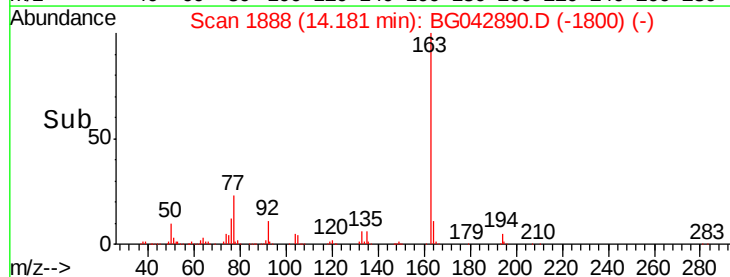
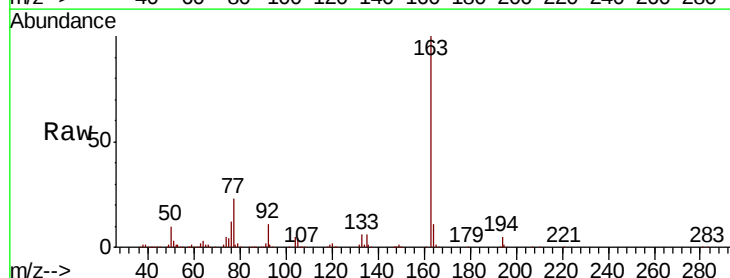
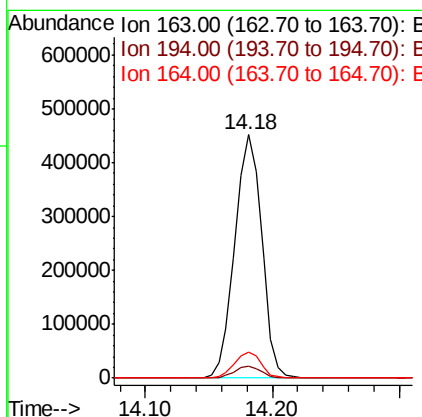
RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	163	Resp:	665239
Ion Ratio	Lower	Upper	
163	100		
194	4.8	4.2	6.4
164	10.8	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 42.819 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

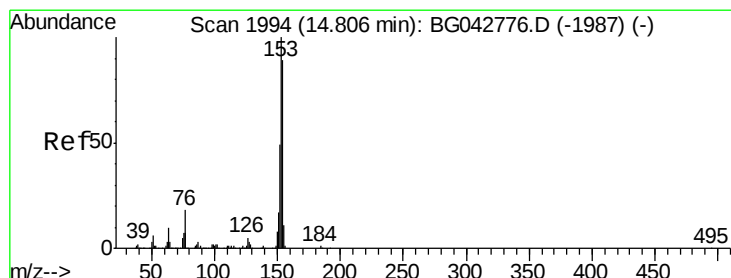
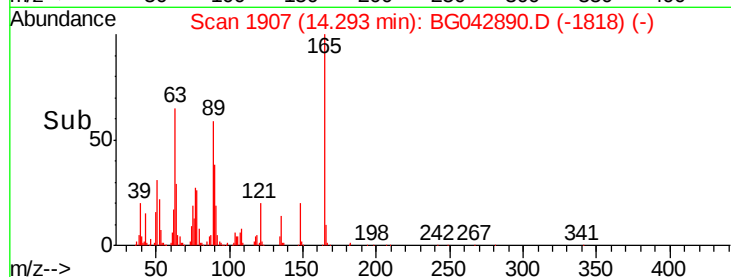
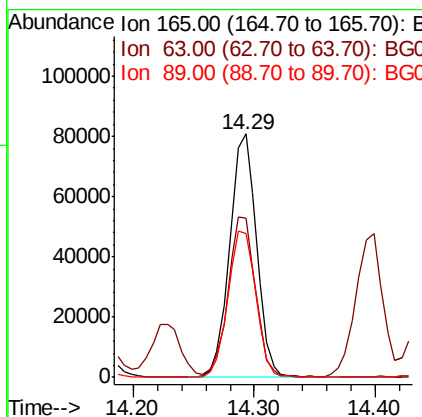
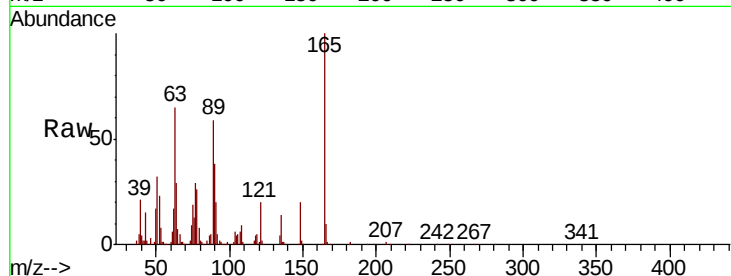
ClientSampled :

SB-12MSD

Tot Ion:	165	Resp:	125219
Ion Ratio	Lower	Upper	
165	100		
63	65.4	52.1	78.1
89	59.3	51.7	77.5

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#52

Acenaphthene

Concen: 36.393 ng

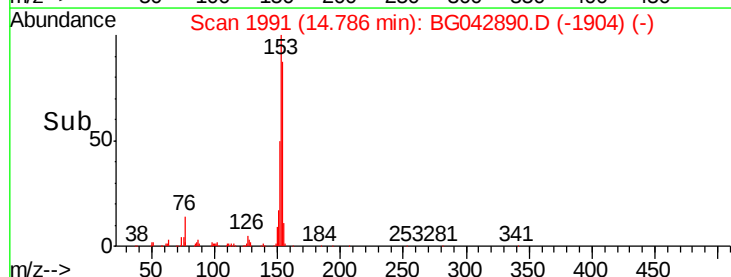
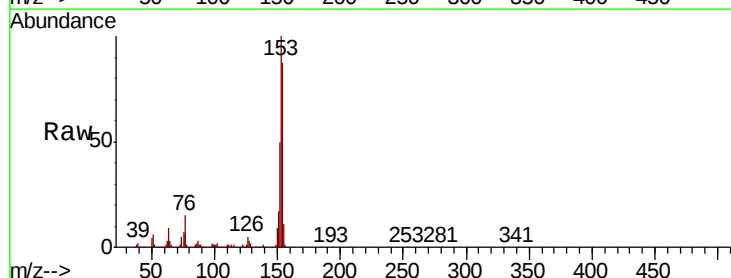
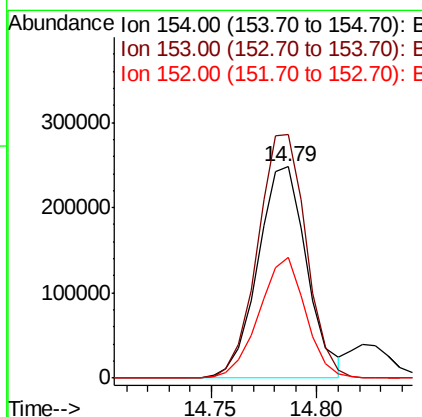
RT: 14.79 min Scan# 1991

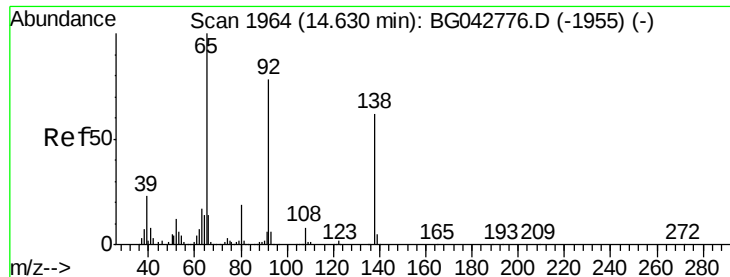
Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	154	Resp:	400300
Ion Ratio	Lower	Upper	
154	100		
153	115.3	89.4	134.2
152	57.4	43.5	65.3





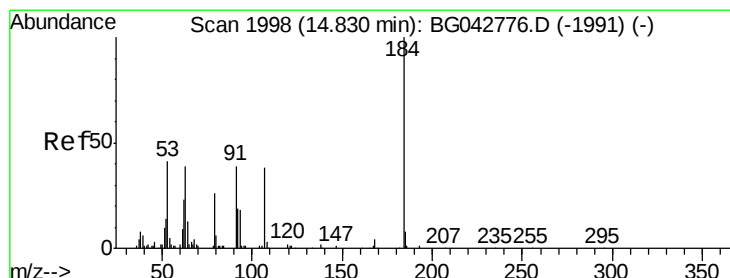
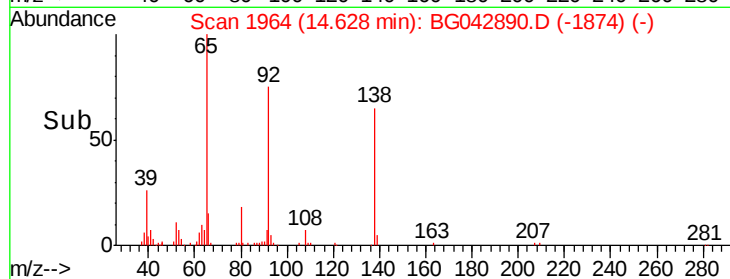
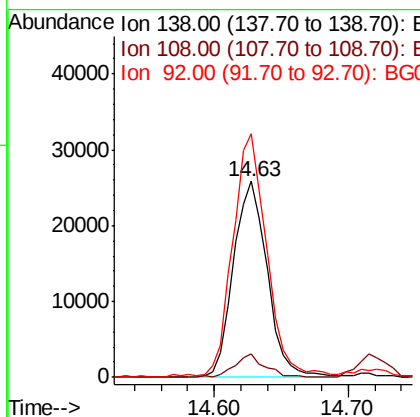
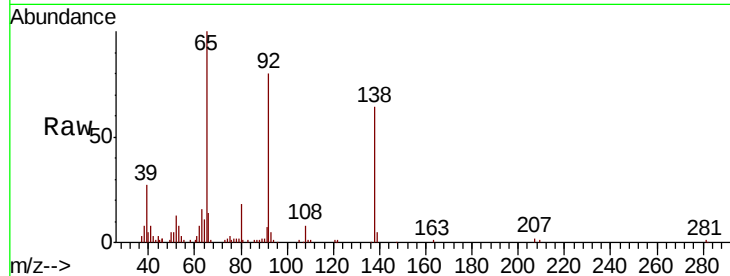
#53
3-Nitroaniline
Concen: 13.879 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.7	16.1
92	124.4	100.5	150.7

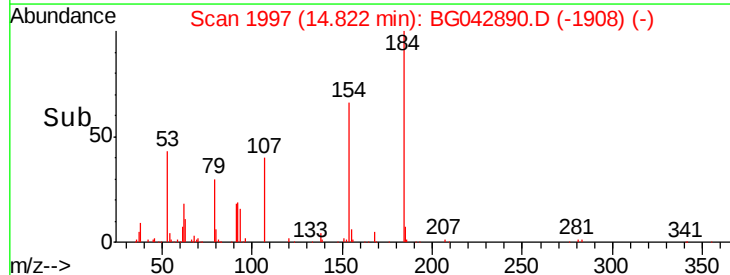
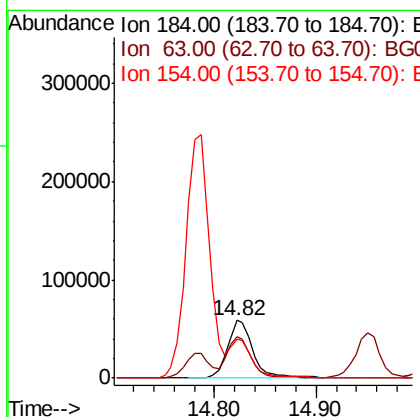
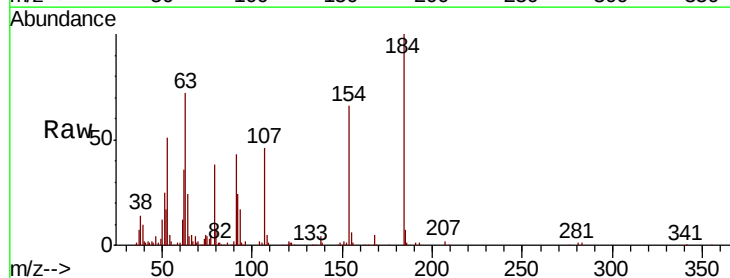
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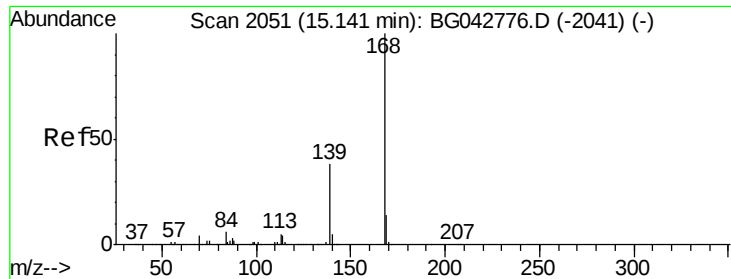
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#54
2,4-Dinitrophenol
Concen: 71.067 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	46.2	69.4#
154	66.1	81.3	121.9#





#55

Dibenzofuran

Concen: 39.978 ng

RT: 15.12 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

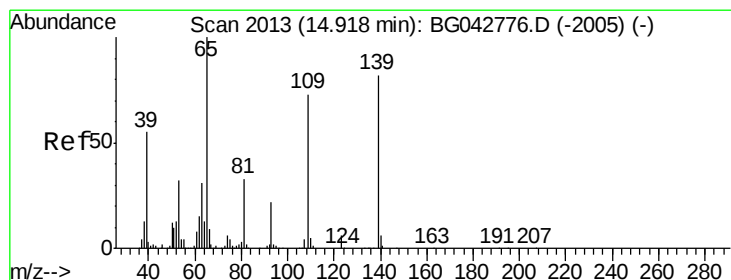
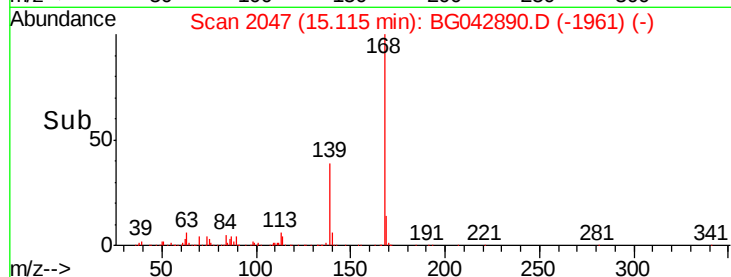
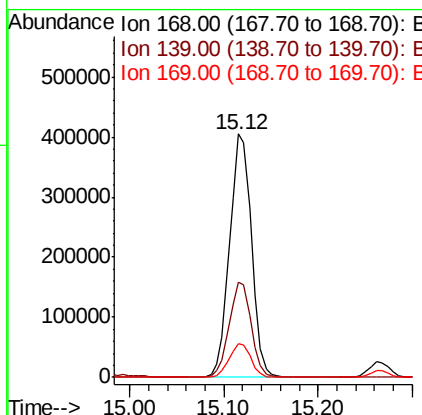
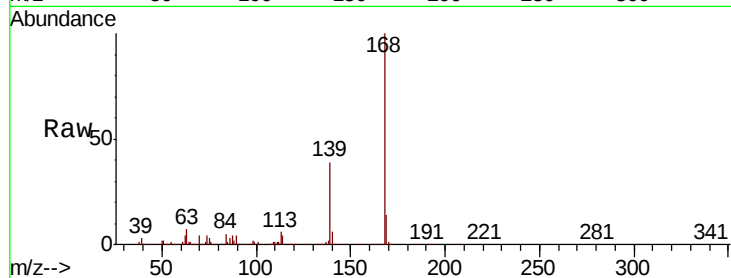
ClientSampled :

SB-12MSD

Tot Ion:	168	Resp:	653604
Ion Ratio	Lower	Upper	
168	100		
139	39.2	30.2	45.4
169	14.0	11.2	16.8

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#56

4-Nitrophenol

Concen: 75.968 ng

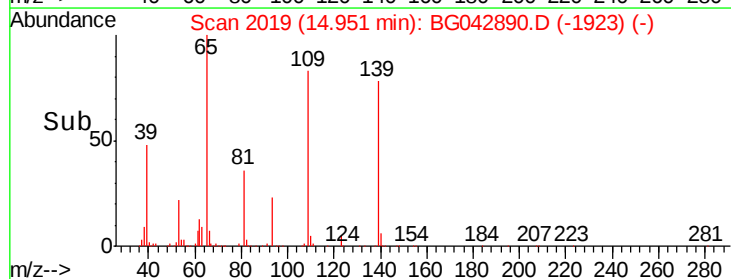
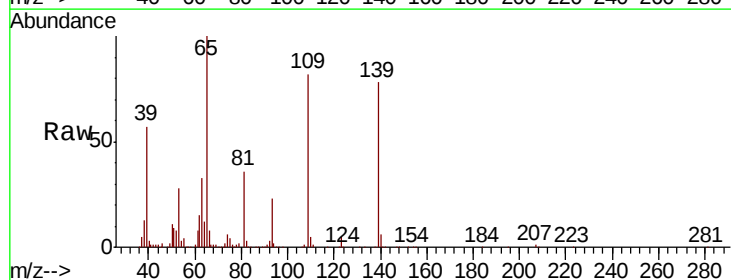
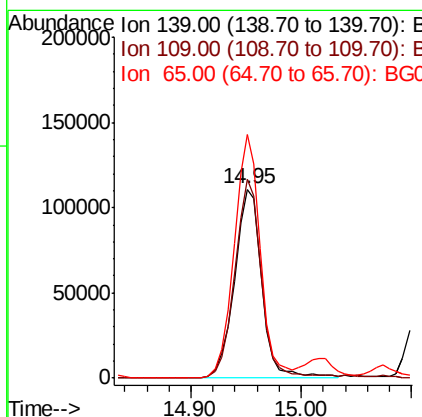
RT: 14.95 min Scan# 2019

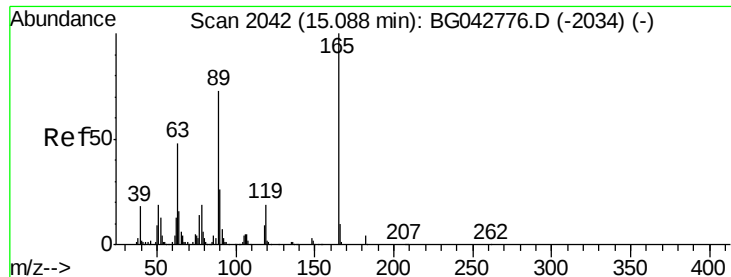
Delta R.T. 0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	139	Resp:	192782
Ion Ratio	Lower	Upper	
139	100		
109	105.5	69.4	109.4
65	129.0	102.5	142.5





#57

2,4-Dinitrotoluene

Concen: 45.921 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

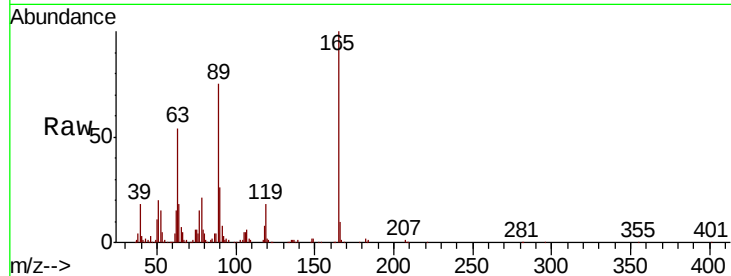
ClientSampleId :

SB-12MSD

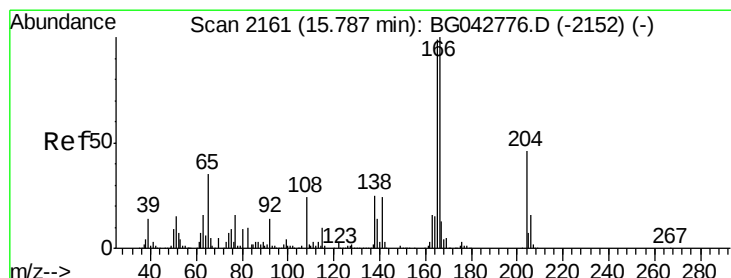
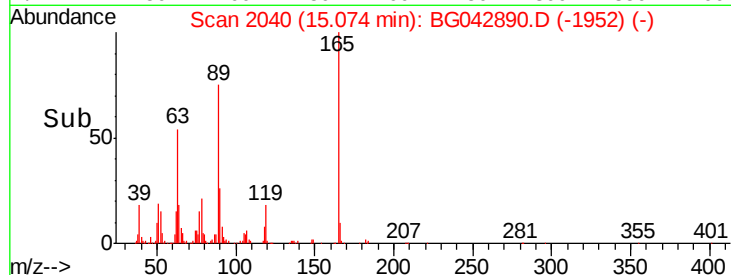
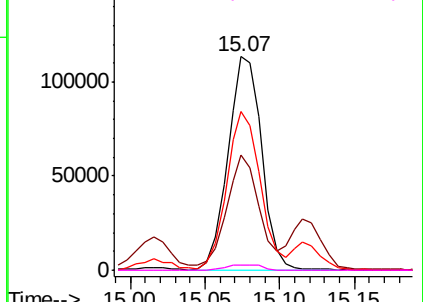
Tot Ion:	165	Resp:	178997
Ion Ratio	Lower	Upper	
165	100		
63	53.9	38.3	57.5
89	74.6	58.4	87.6
182	2.4	2.9	4.3#

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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 40.453 ng

RT: 15.77 min Scan# 2158

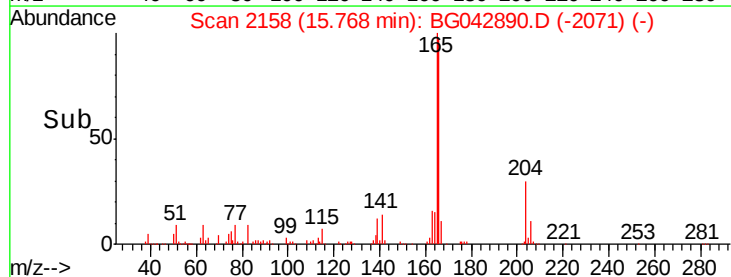
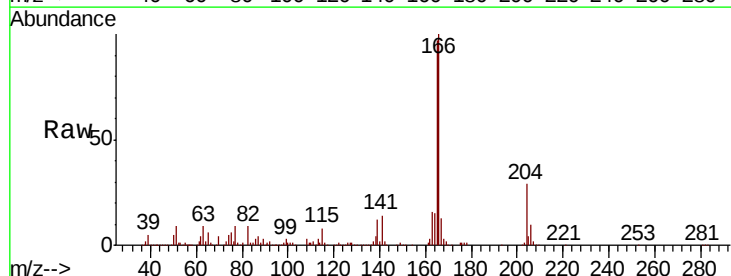
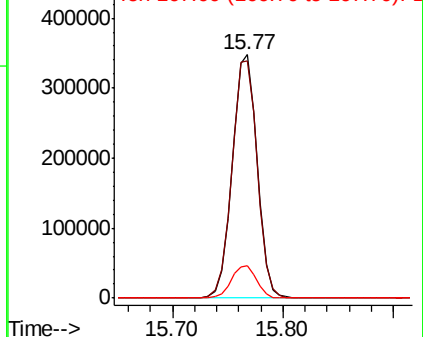
Delta R.T. -0.02 min

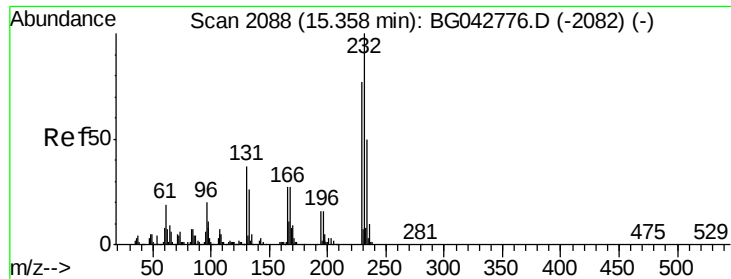
Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	166	Resp:	548121
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.1	118.7
167	13.1	10.7	16.1

Abundance Ion 166.00 (165.70 to 166.70): E





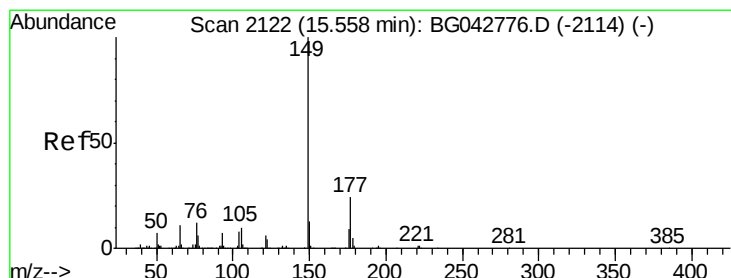
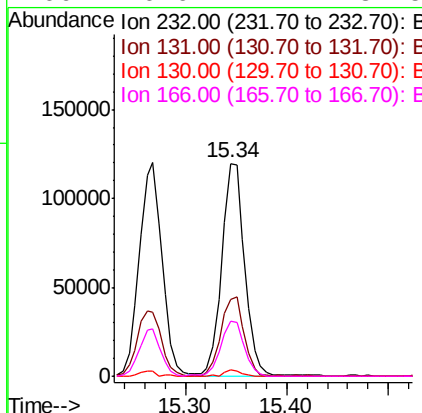
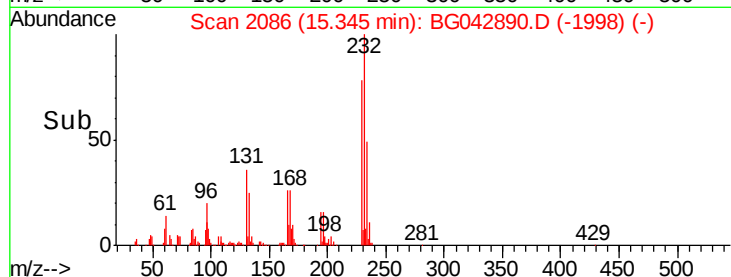
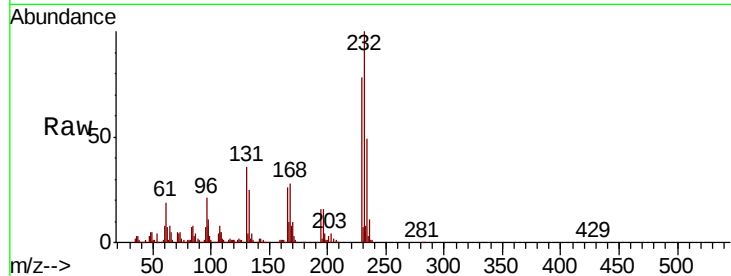
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.253 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	188062		
131	37.8		31.1	46.7
130	2.4		1.8	2.6
166	26.6		21.7	32.5

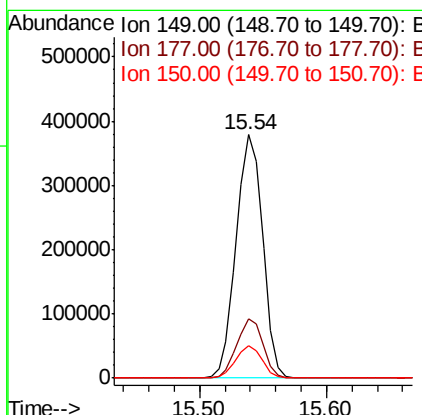
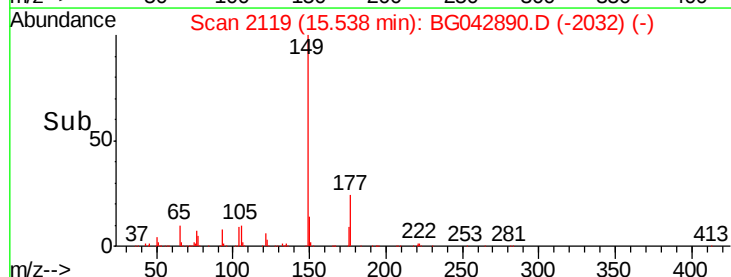
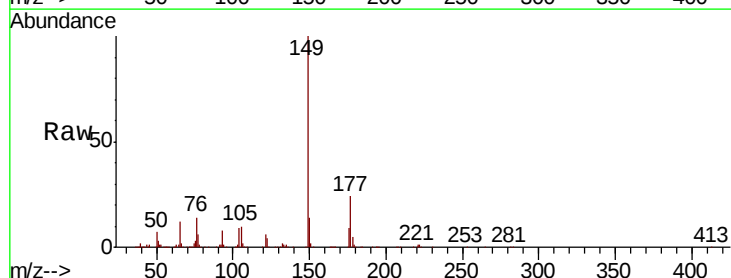
Manual Integrations
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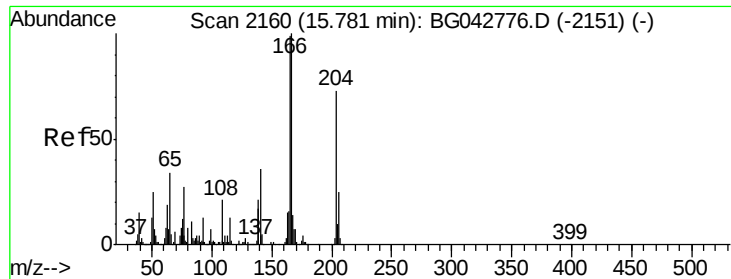
Jagrut
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#60
 Diethylphthalate
 Concen: 37.919 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	548572		
177	24.5		19.4	29.0
150	13.5		10.2	15.4





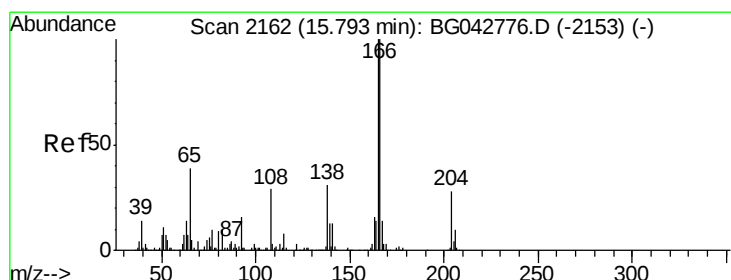
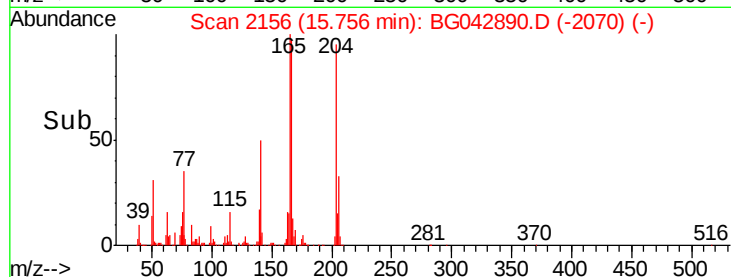
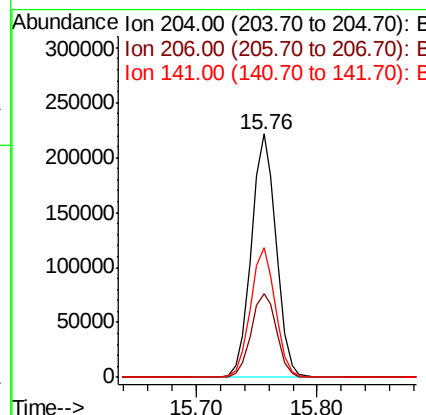
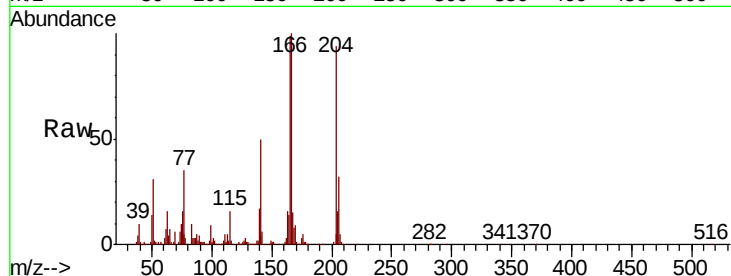
#61
4-Chlorophenyl-phenylether
Concen: 39.724 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.6	41.4
141	53.1	39.8	59.6

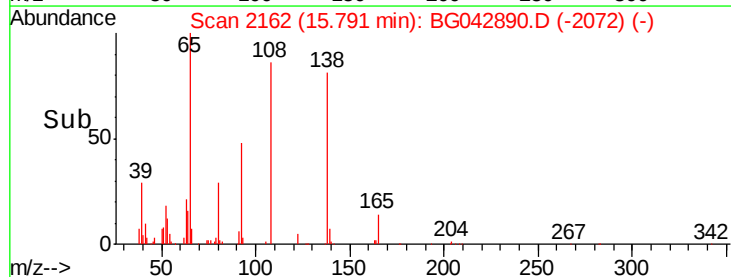
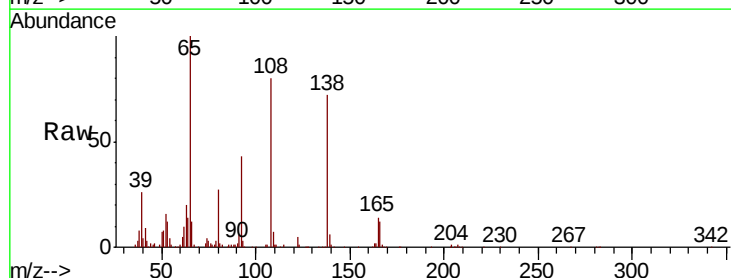
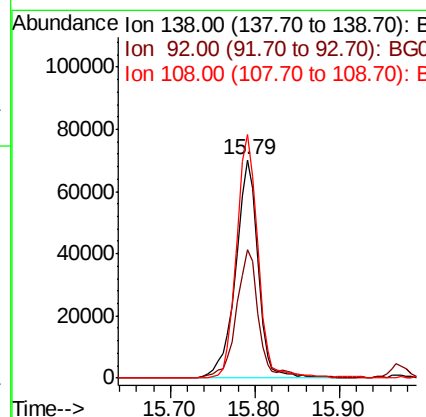
Manual Integrations
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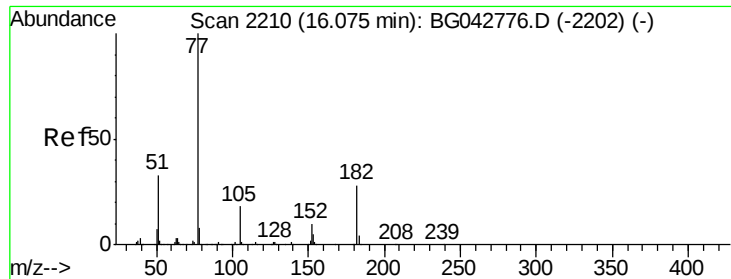
Jagrut
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#62
4-Nitroaniline
Concen: 36.148 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.9	31.4	71.4
108	111.4	74.8	114.8





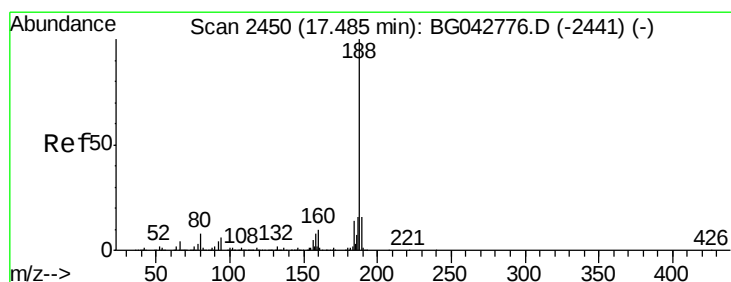
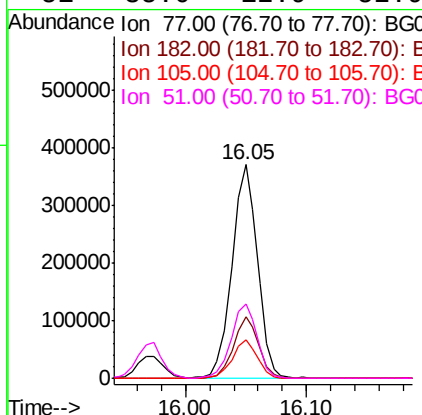
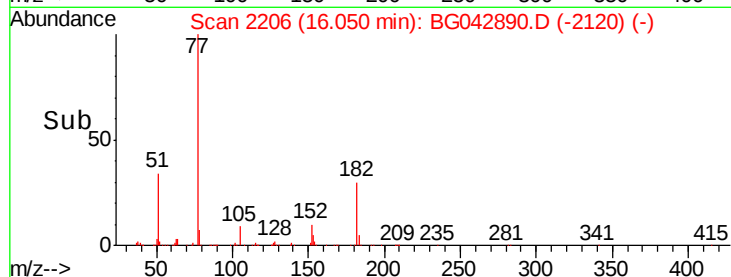
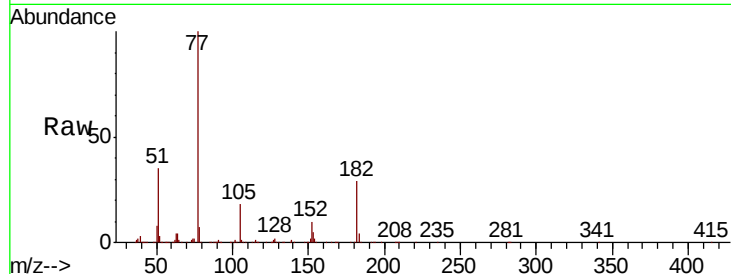
#63
Azobenzene
Concen: 38.989 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.1	48.1
105	17.9	0.0	38.1
51	35.0	12.9	52.9

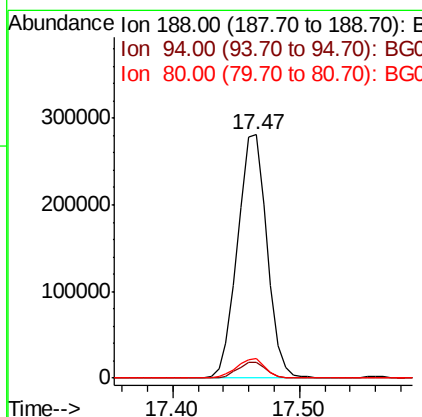
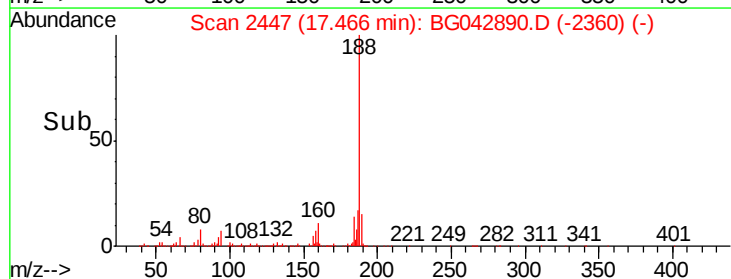
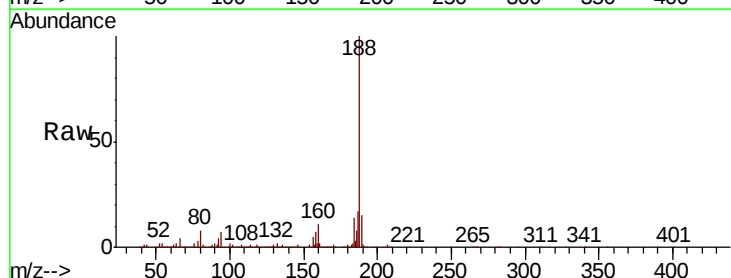
Manual Integrations
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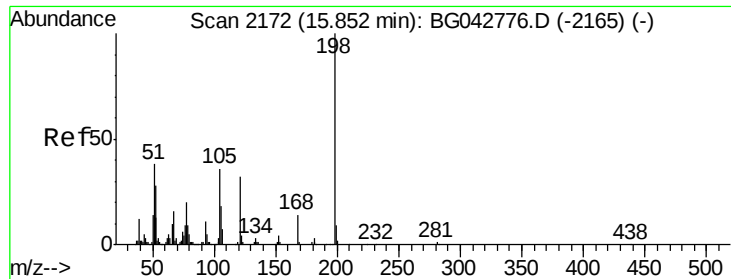
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.8	7.2
80	7.9	6.6	9.8





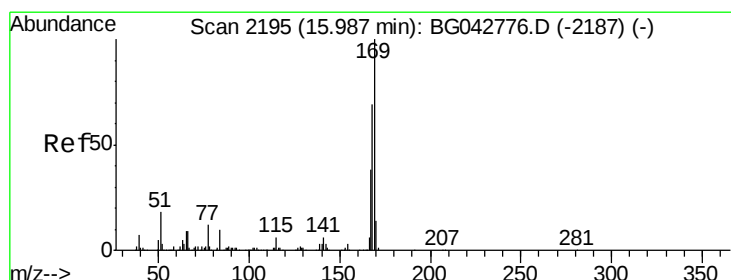
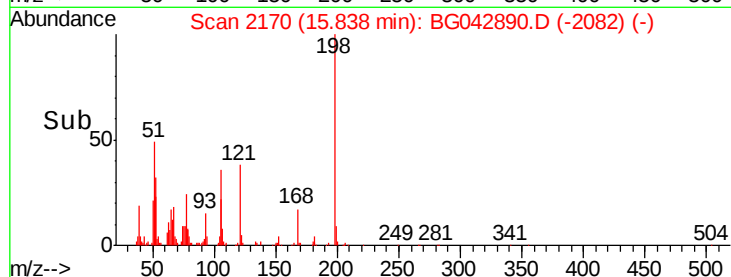
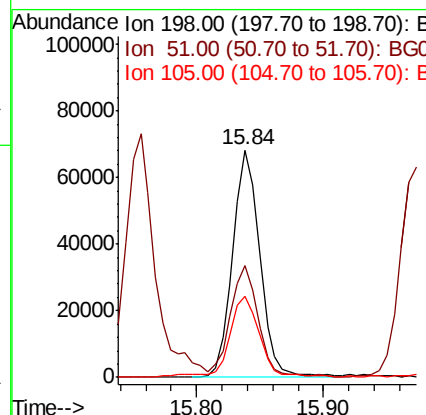
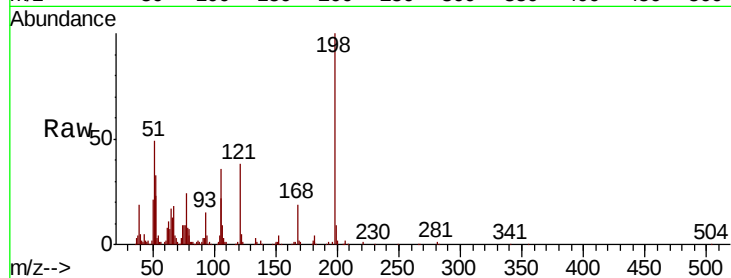
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.436 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	101631		
51	49.2	20.9	60.9	
105	35.7	16.4	56.4	

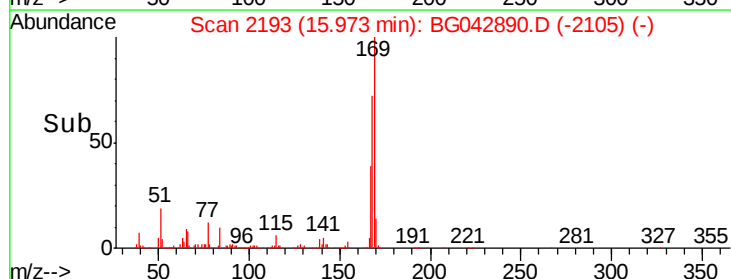
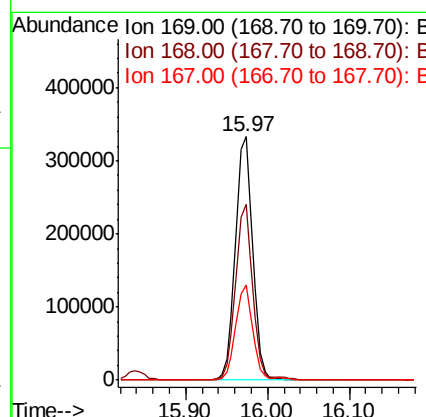
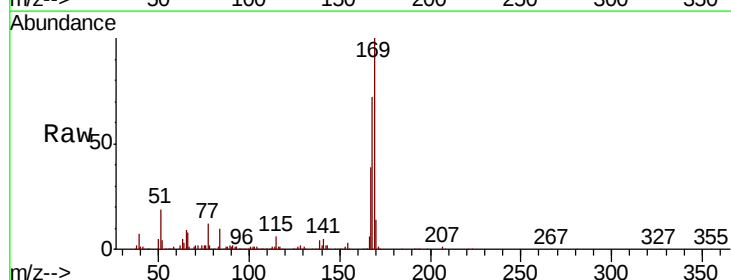
Manual Integrations
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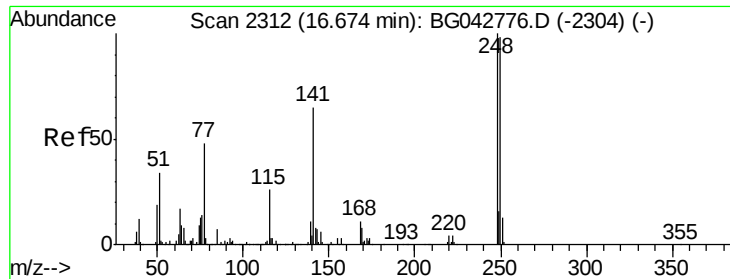
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#66
 n-Nitrosodiphenylamine
 Concen: 40.508 ng
 RT: 15.97 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	493760		
168	72.0	55.4	83.2	
167	39.0	30.4	45.6	





#67

4-Bromophenyl-phenylether

Concen: 40.447 ng

RT: 16.65 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

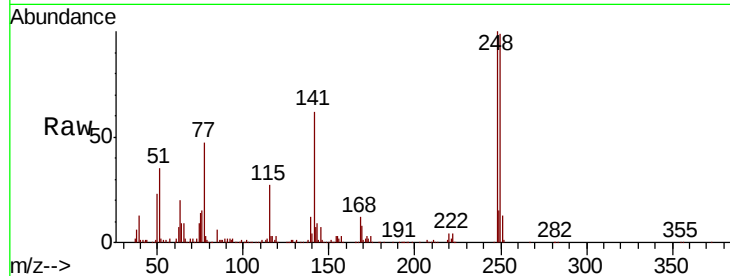
ClientSampleId :

SB-12MSD

Tot Ion:	248	Resp:	221759
Ion Ratio		Lower	Upper
248	100		
250	99.1	78.0	117.0
141	62.0	51.8	77.6

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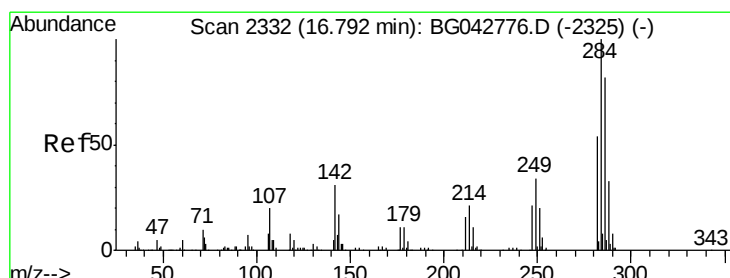
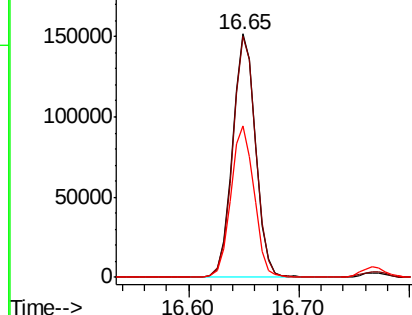
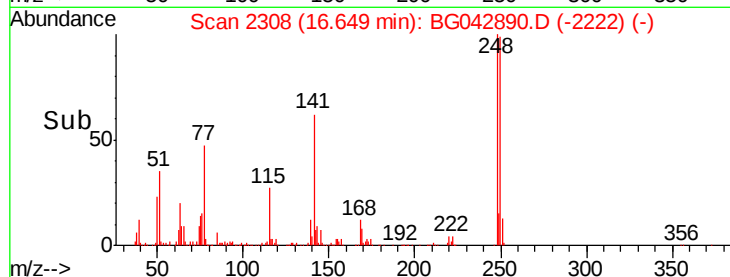


Abundance

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: 38.717 ng

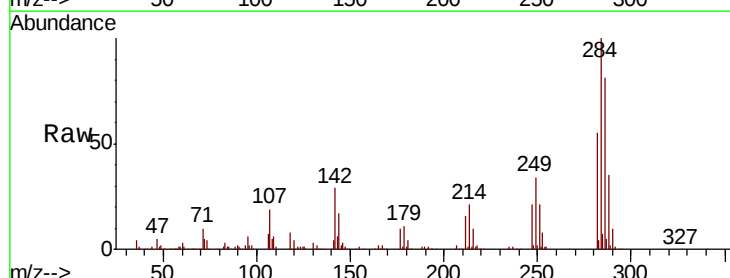
RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	284	Resp:	226822
Ion Ratio		Lower	Upper
284	100		
142	29.0	24.7	37.1
249	33.6	27.0	40.4

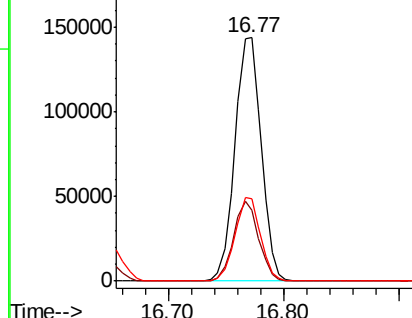
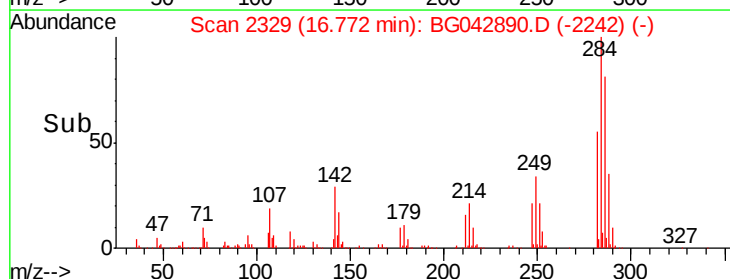


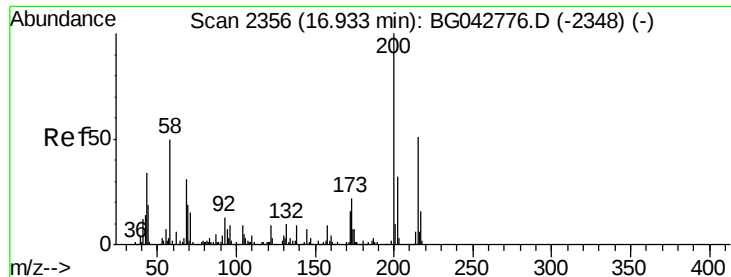
Abundance

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





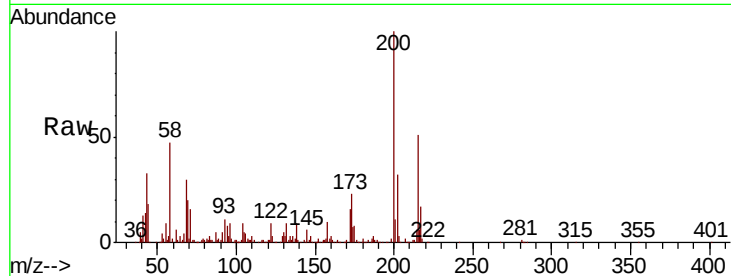
#69
Atrazine
Concen: 44.891 ng
RT: 16.93 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.4	2.5	42.5
215	50.8	31.0	71.0

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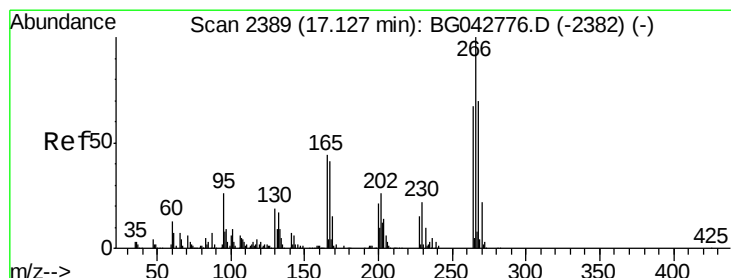
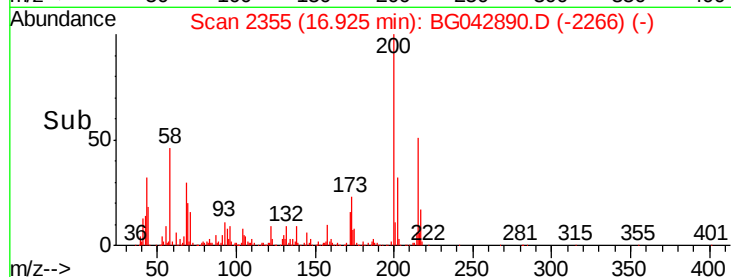
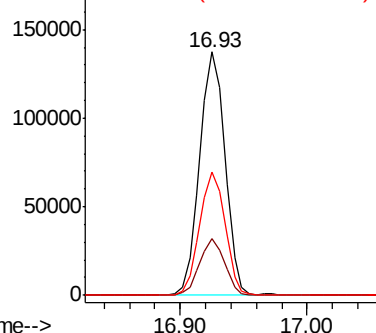


Abundance

Ion 200.00 (199.70 to 200.70): E

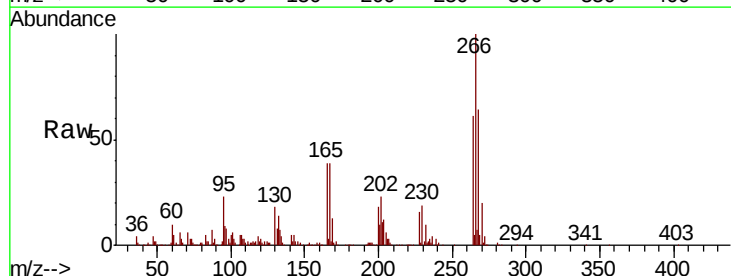
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.472 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	56.2	84.4
264	61.4	53.4	80.2

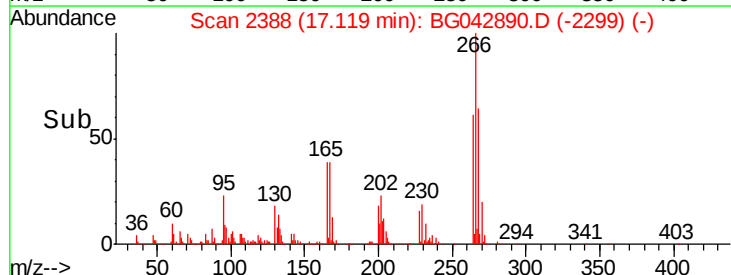
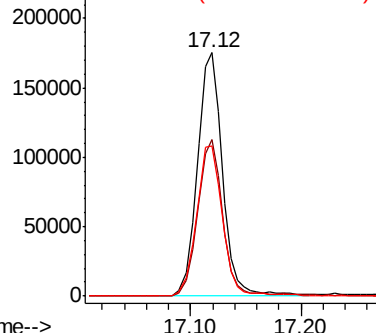


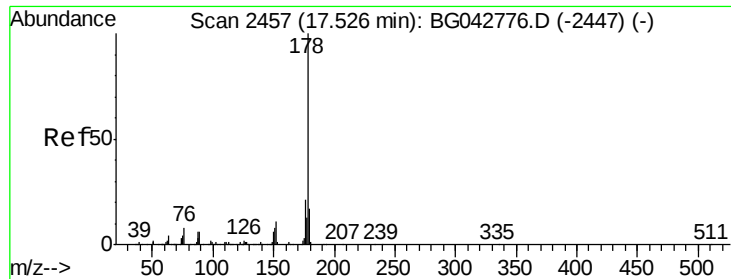
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





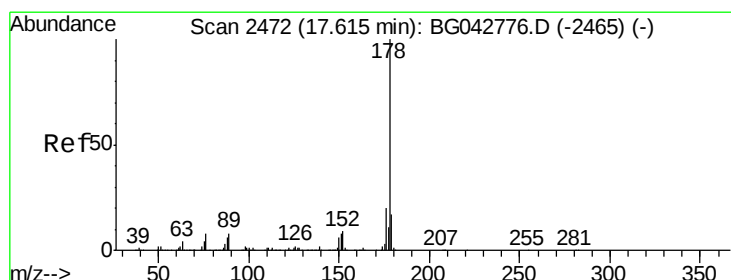
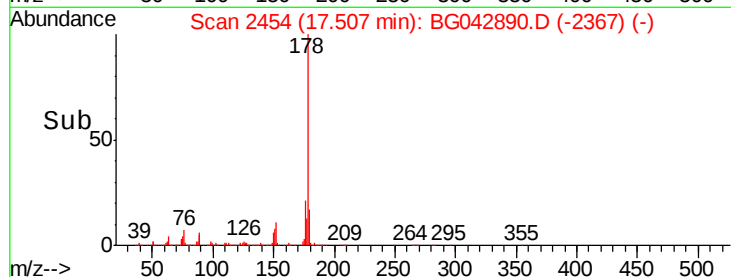
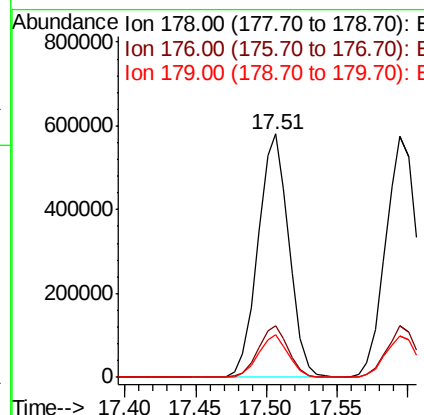
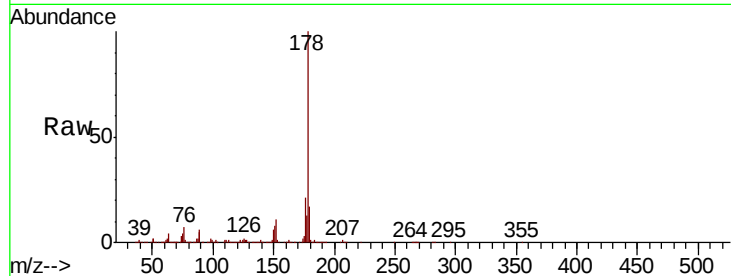
#71
Phenanthrene
Concen: 41.106 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	17.4	13.6	20.4

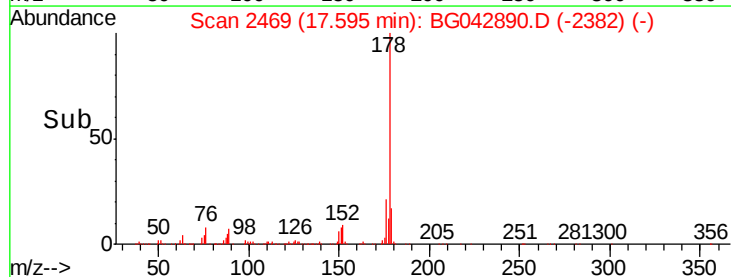
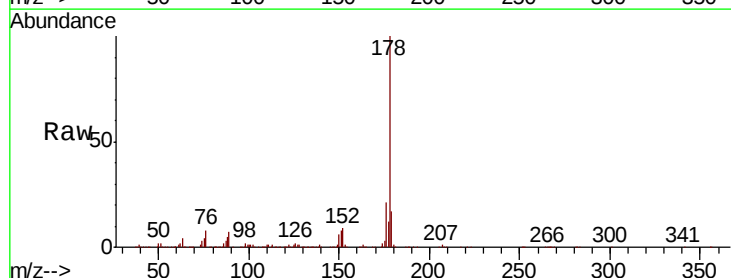
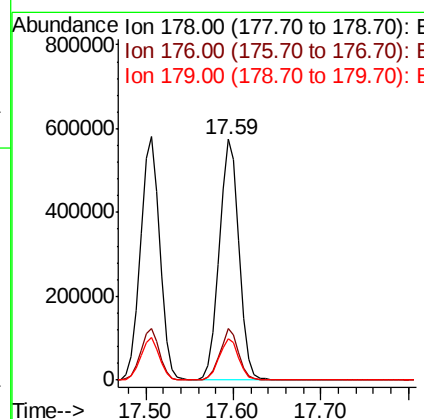
Manual Integrations
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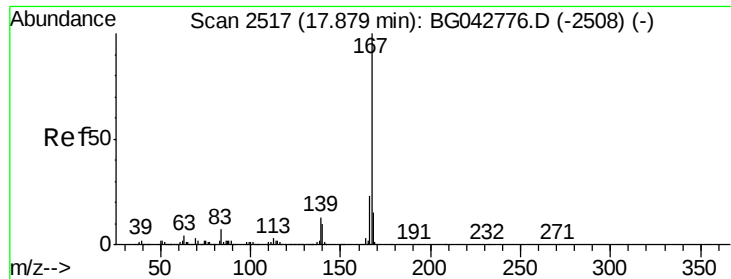
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#72
Anthracene
Concen: 41.615 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	17.1	13.6	20.4





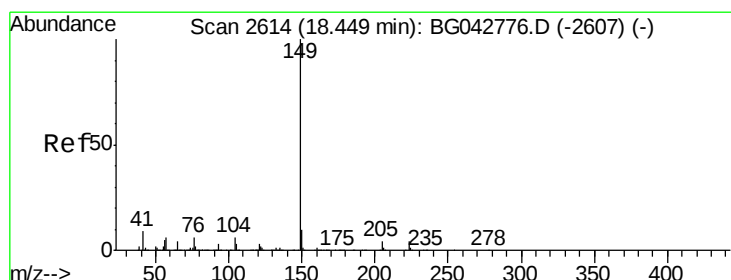
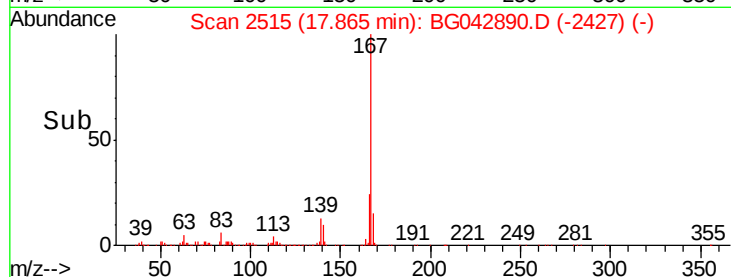
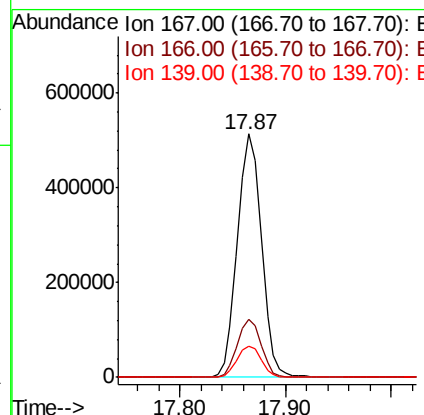
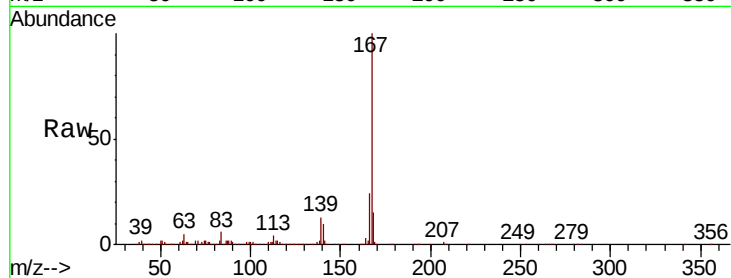
#73
 Carbazole
 Concen: 39.427 ng
 RT: 17.87 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	12.9	10.2	15.4

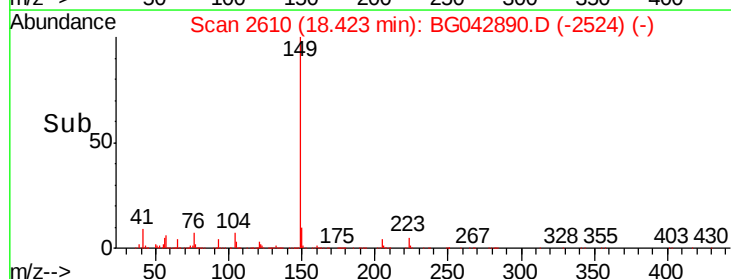
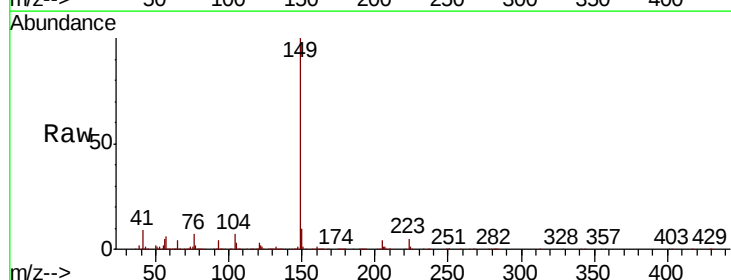
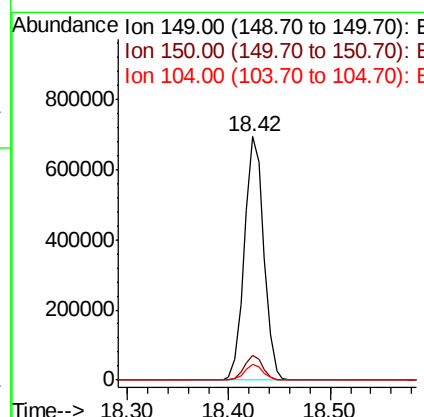
Manual Integrations
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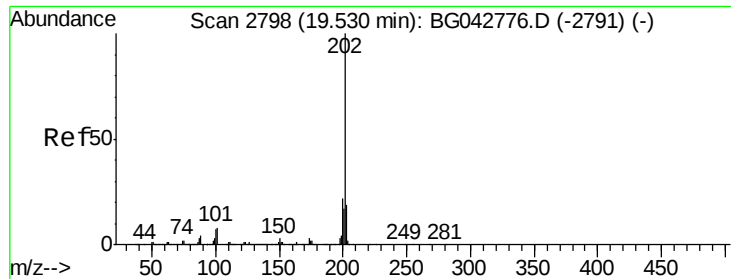
Jagrut
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#74
 Di-n-butylphthalate
 Concen: 37.254 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.03 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 39.494 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

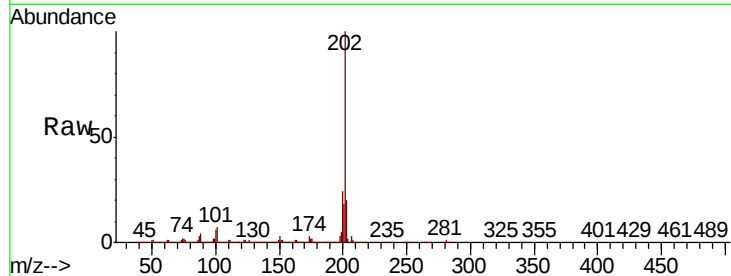
ClientSampled :

SB-12MSD

Tot Ion:	202	Resp:	1108826
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	27.8
203	20.1	0.0	39.1

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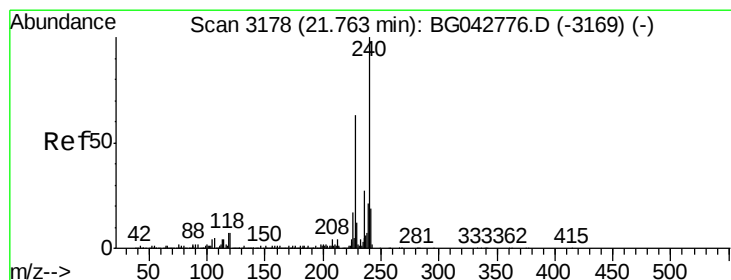
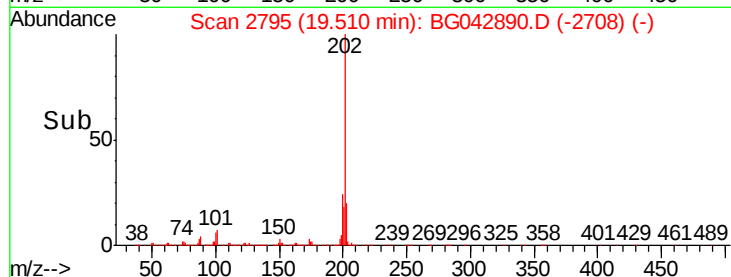
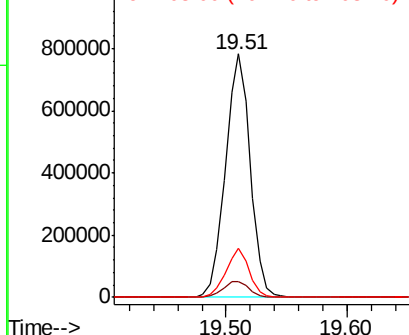


Abundance

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

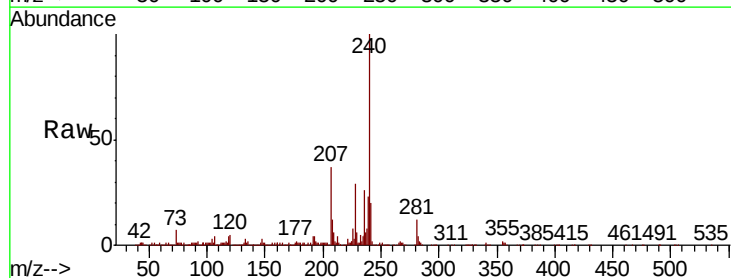
RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	240	Resp:	416969
Ion Ratio	Lower	Upper	
240	100		
120	4.6	5.4	8.2#
236	26.3	21.7	32.5

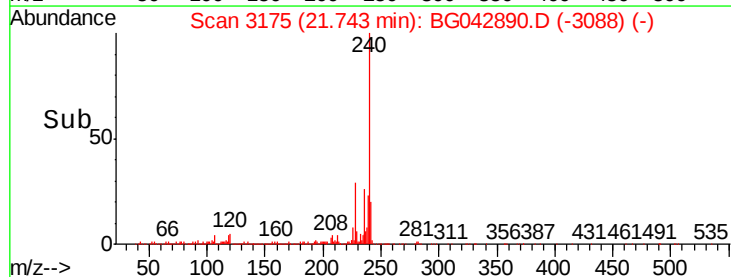
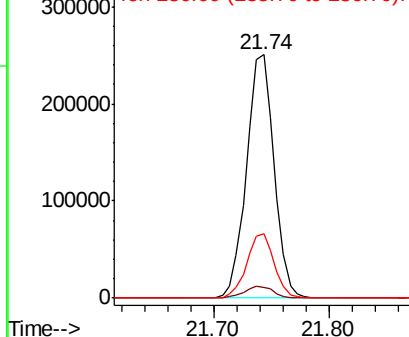


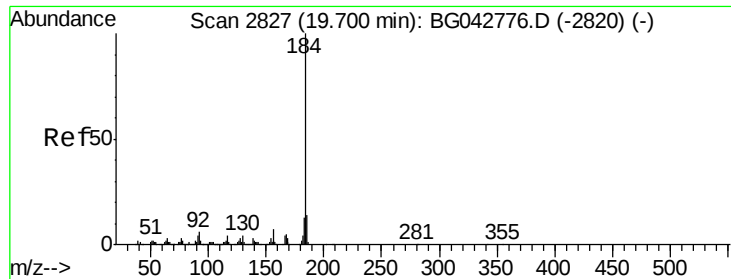
Abundance

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: 20.700 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

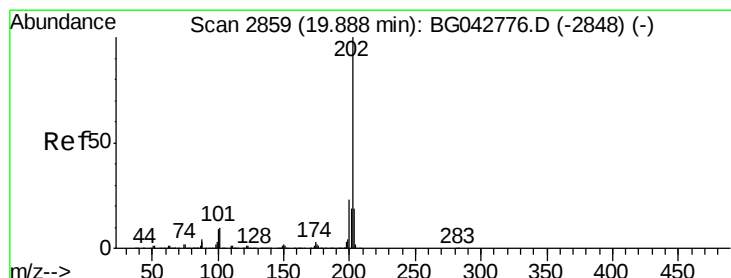
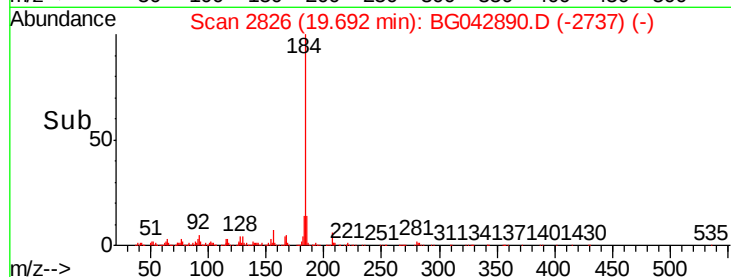
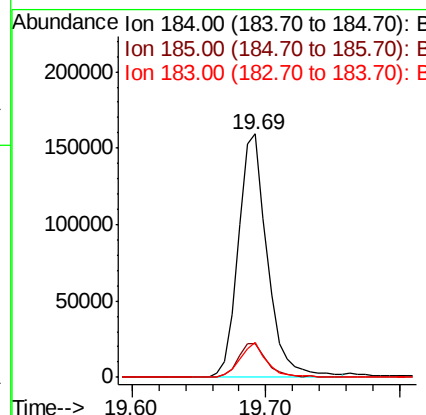
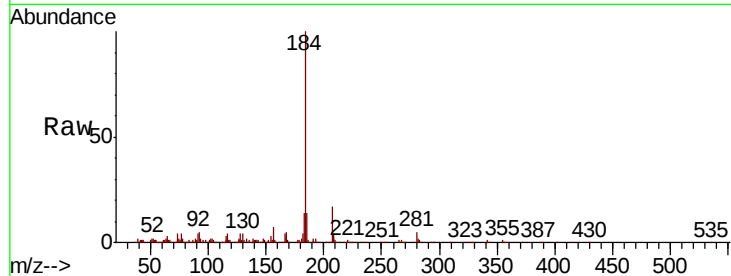
ClientSampleId :

SB-12MSD

Tot Ion:	184	Resp:	241148
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.6	17.4
183	14.2	10.4	15.6

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#78

Pyrene

Concen: 42.838 ng

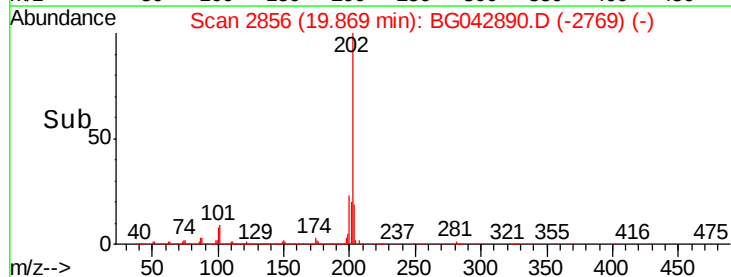
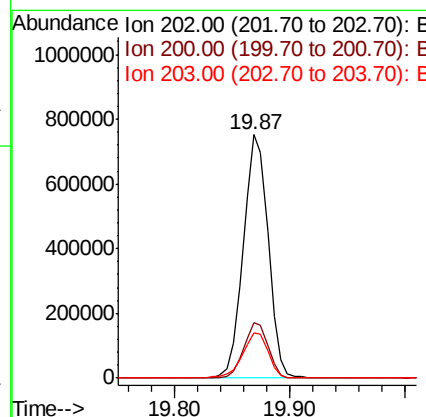
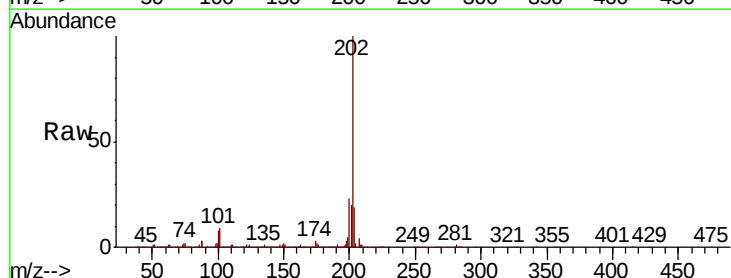
RT: 19.87 min Scan# 2856

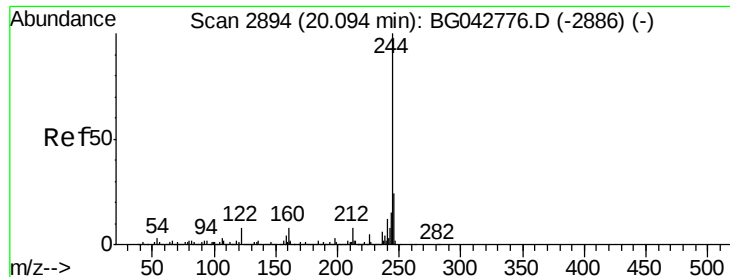
Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	202	Resp:	1118274
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.5	27.7
203	18.6	15.3	22.9





#79

Terphenyl-d14

Concen: 74.345 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

ClientSampled :

SB-12MSD

Tot Ion:244 Resp: 1398722

Ion Ratio Lower Upper

244 100

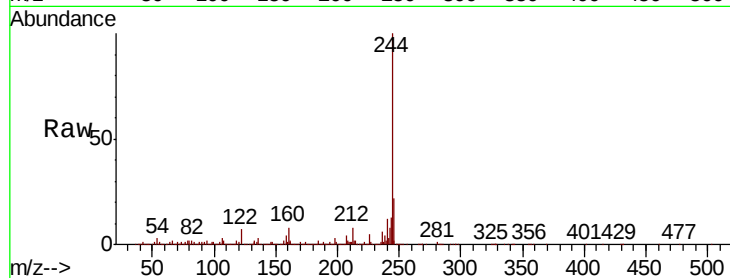
212 8.1 6.6 10.0

122 7.3 6.2 9.4

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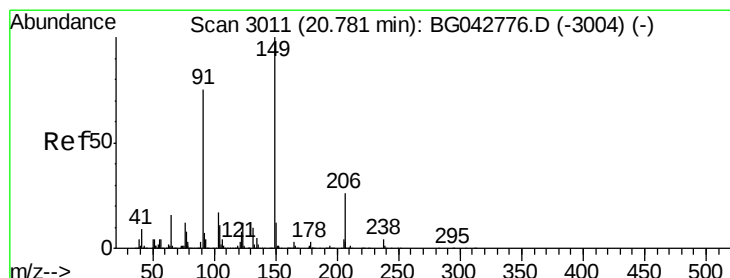
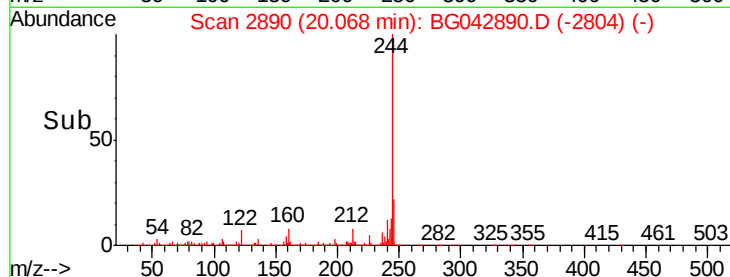
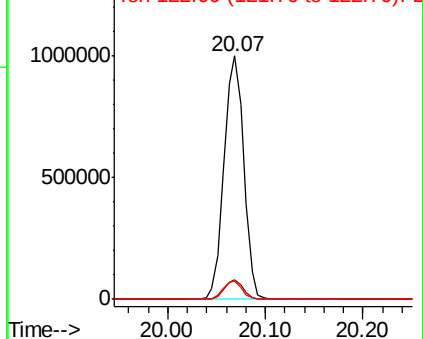
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.602 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.02 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

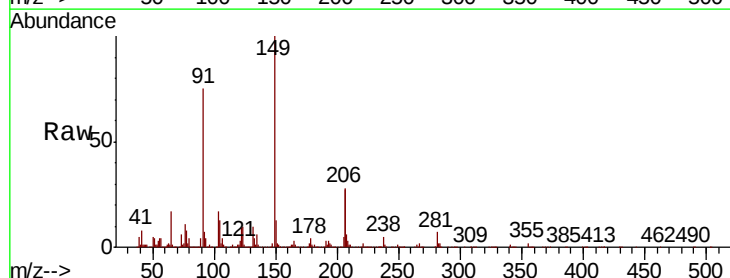
Tgt Ion:149 Resp: 397267

Ion Ratio Lower Upper

149 100

91 75.4 60.2 90.2

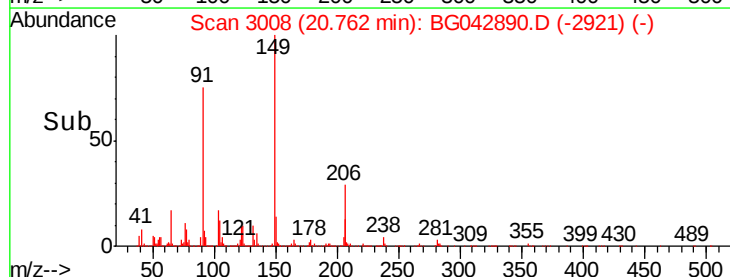
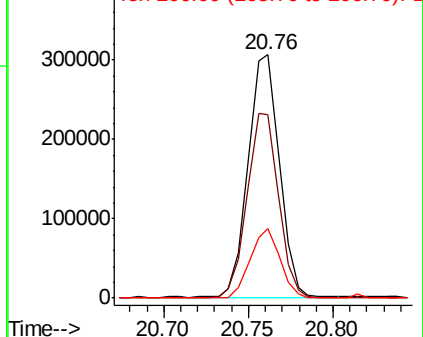
206 28.5 20.6 30.8

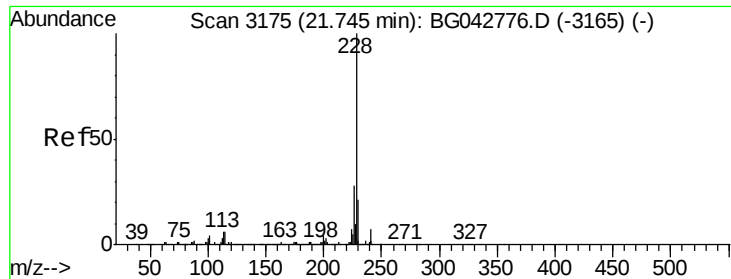


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.026 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.03 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

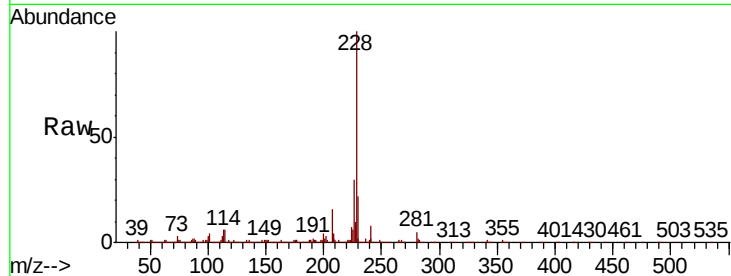
ClientSampleId :

SB-12MSD

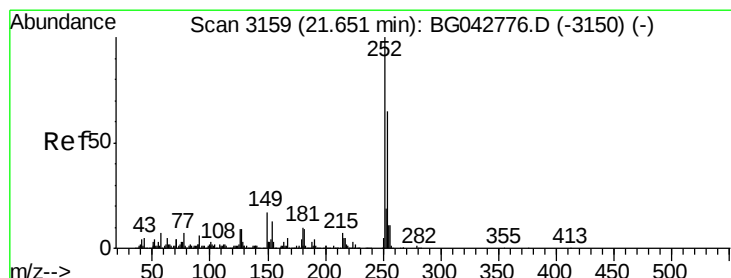
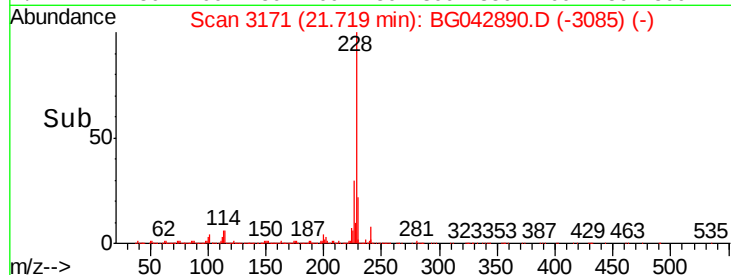
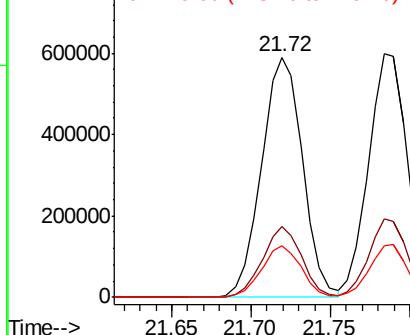
Tot Ion:	228	Resp:	1061153
Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.5	33.7
229	21.7	17.2	25.8

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Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.606 ng

RT: 21.63 min Scan# 3156

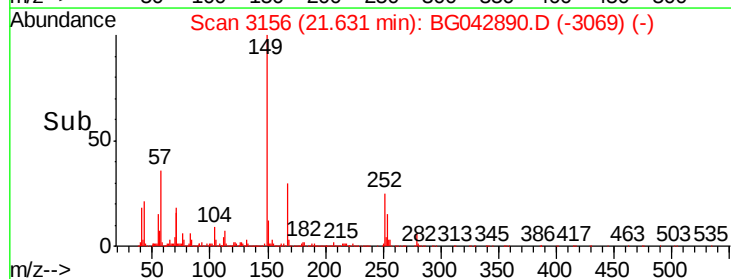
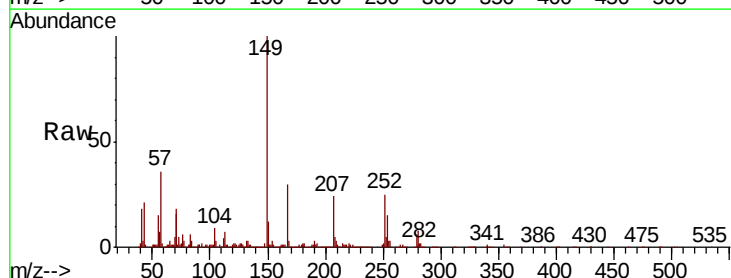
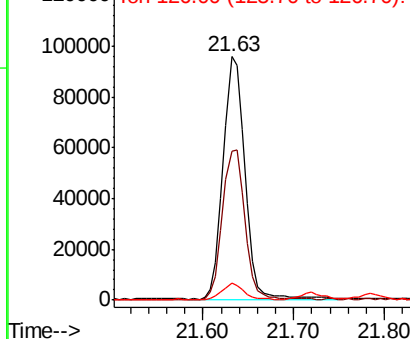
Delta R.T. -0.02 min

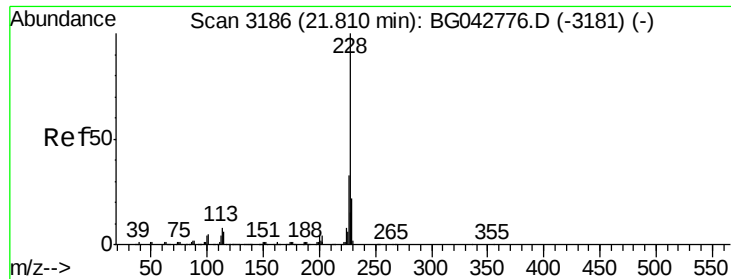
Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	252	Resp:	160782
Ion	Ratio	Lower	Upper
252	100		
254	61.4	52.2	78.2
126	7.1	7.0	10.4

Abundance Ion 252.00 (251.70 to 252.70): E
120000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





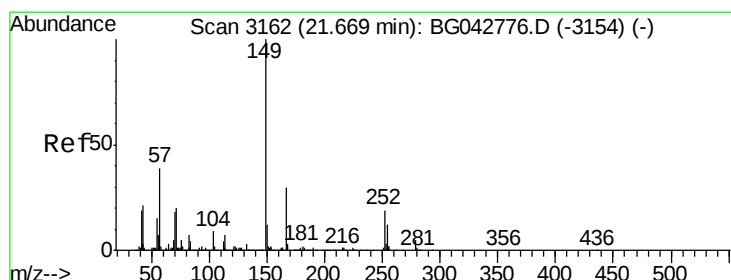
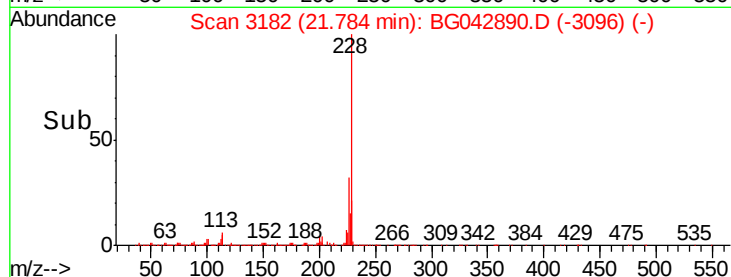
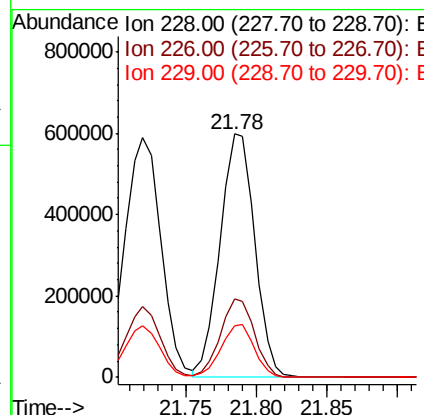
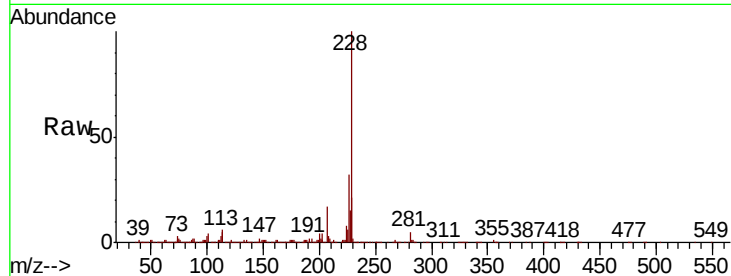
#83
 Chrysene
 Concen: 40.637 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.03 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.0	39.0
229	21.2	17.1	25.7

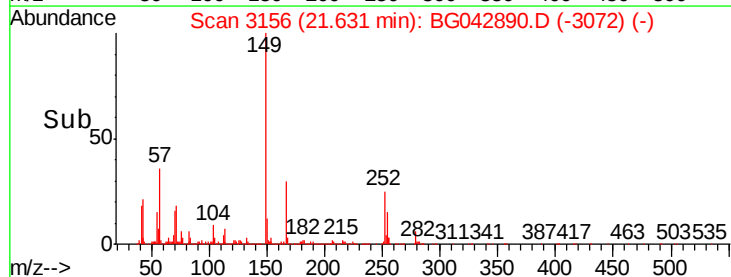
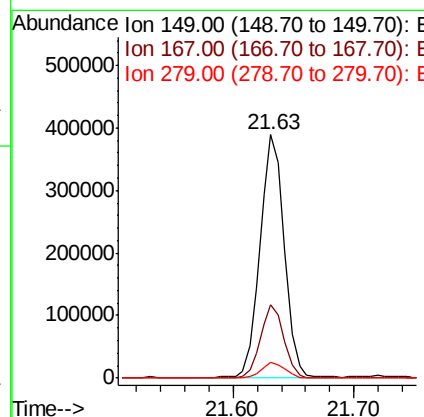
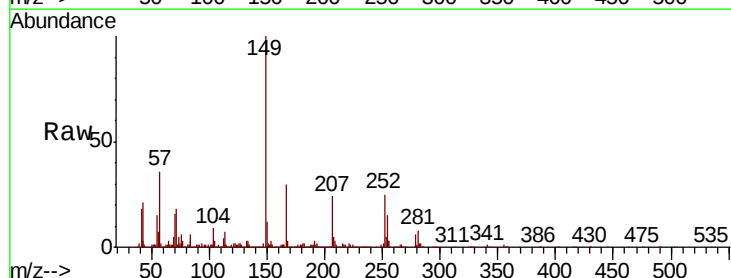
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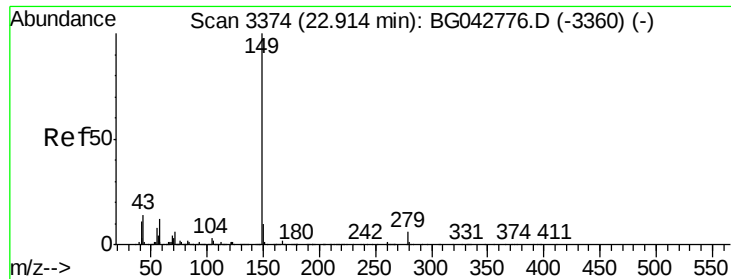
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.250 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.04 min
 Lab File: BG042890.D
 Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	6.3	4.2	6.4





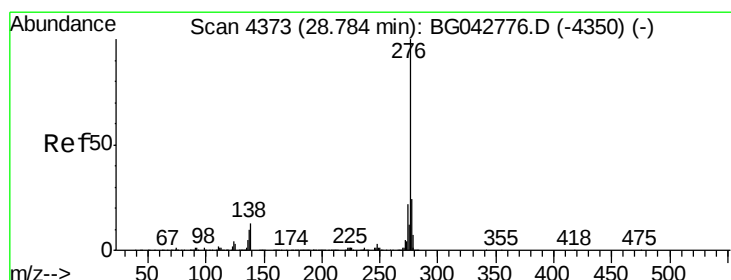
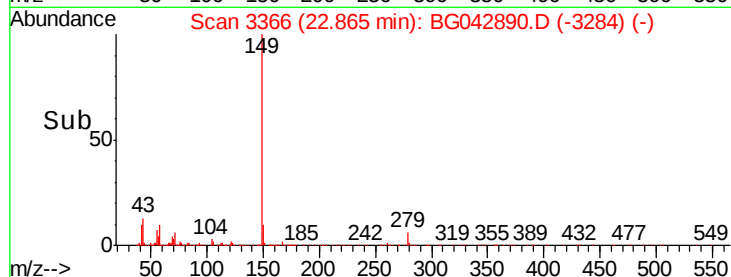
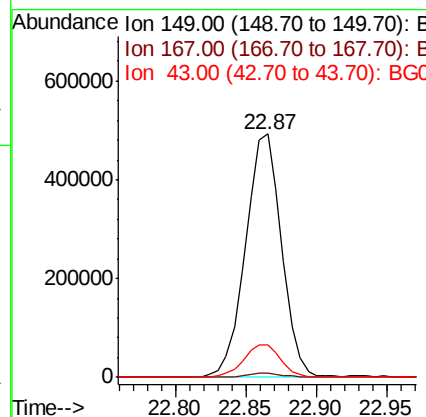
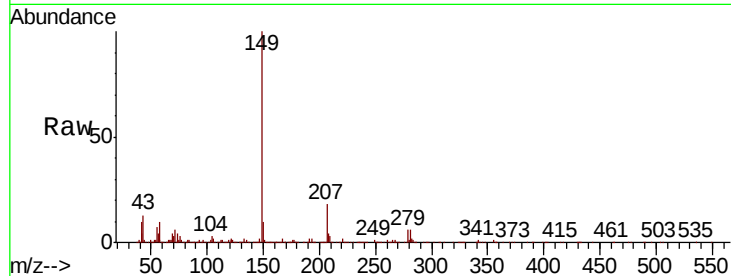
#85
Di-n-octyl phthalate
Concen: 35.398 ng
RT: 22.87 min Scan# 3366
Delta R.T. -0.05 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	13.6	10.6	15.8

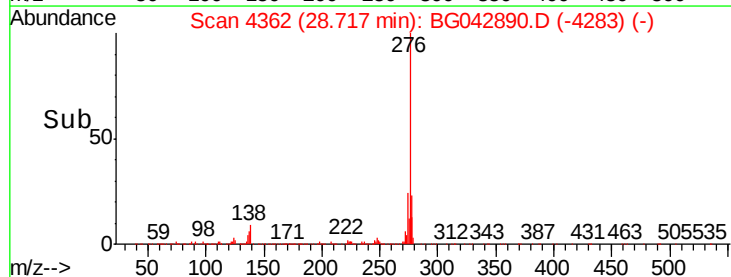
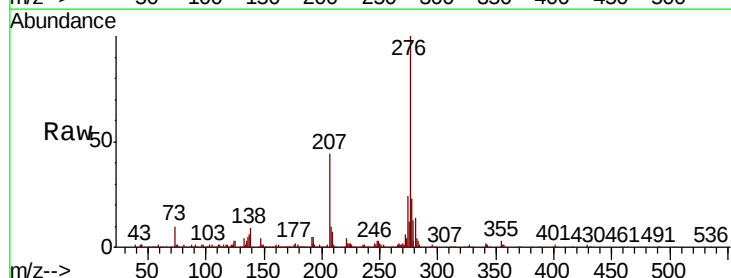
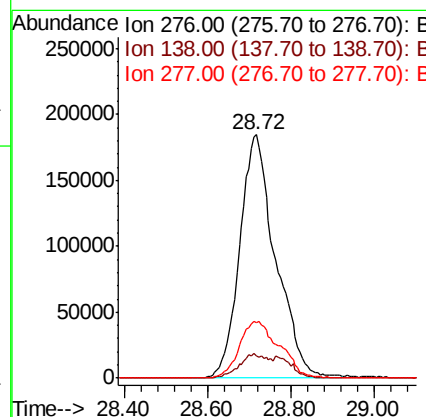
Manual Integrations
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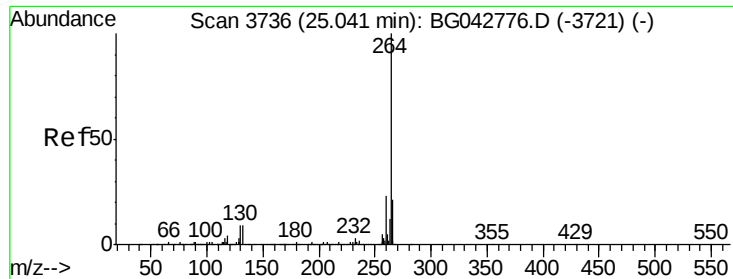
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.546 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.07 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.2	9.3	13.9#
277	26.2	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.04 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

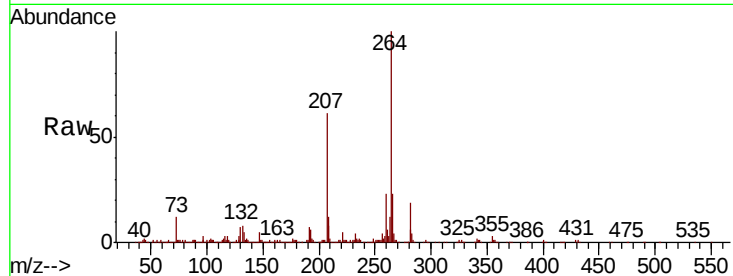
ClientSampleId :

SB-12MSD

Tot Ion:	264	Resp:	443183
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.2
265	23.5	16.9	25.3

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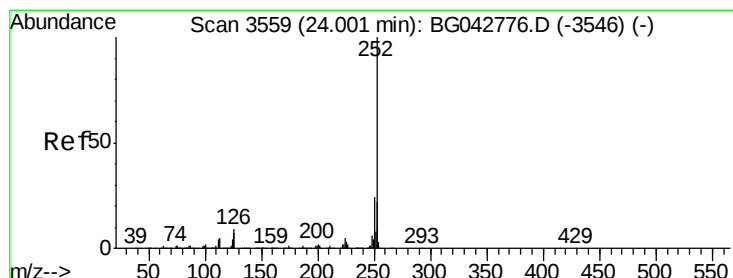
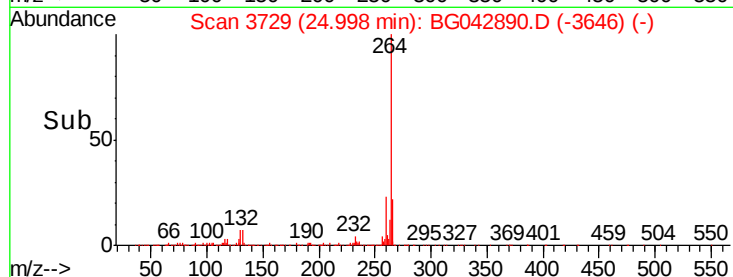
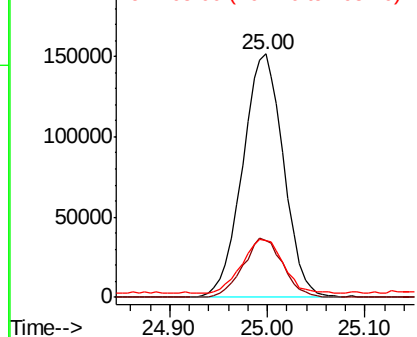


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.365 ng

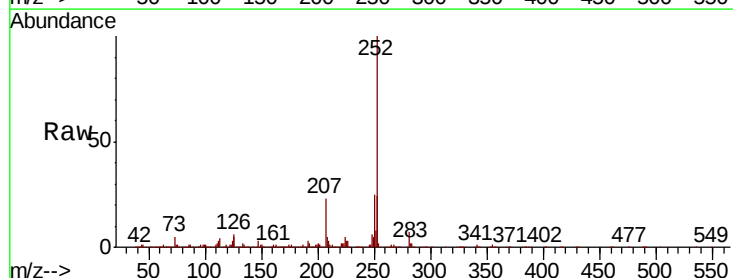
RT: 23.96 min Scan# 3553

Delta R.T. -0.04 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	252	Resp:	1050398
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	5.4	5.6	8.4#

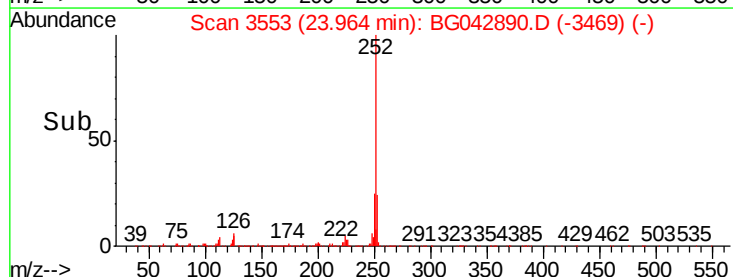
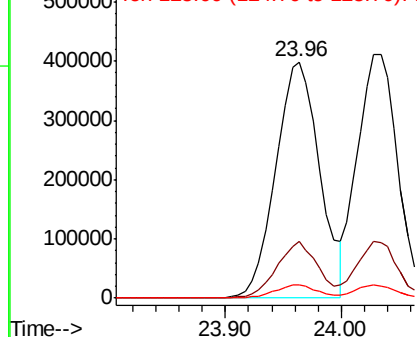


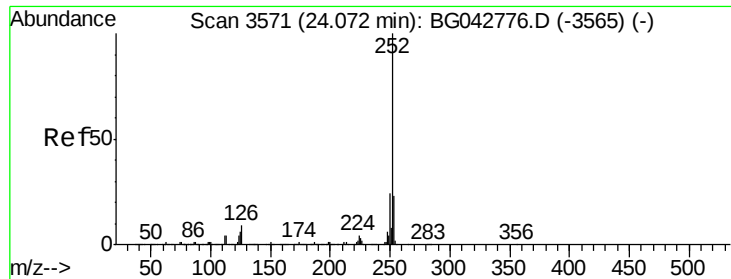
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.455 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.04 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Instrument :

BNA_G

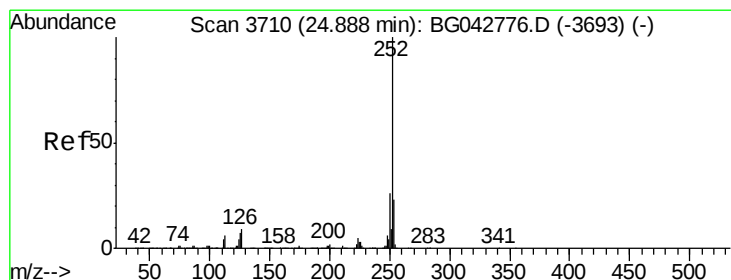
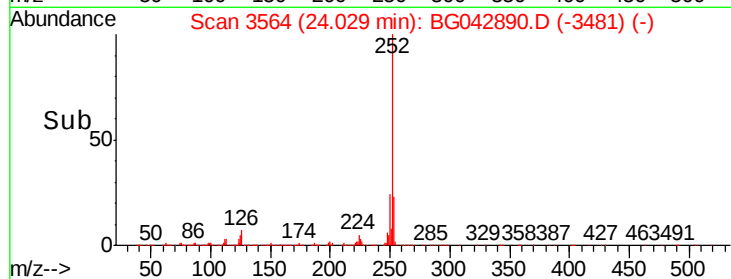
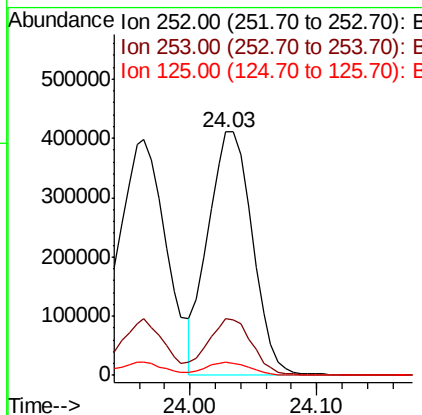
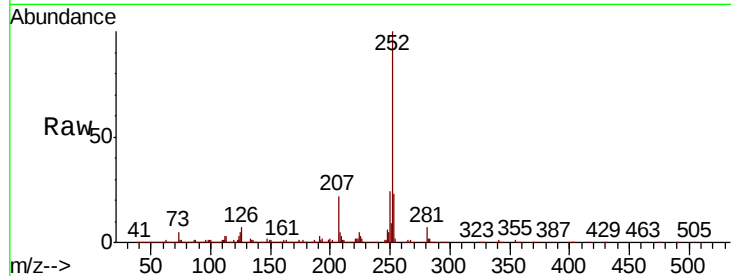
ClientSampled :

SB-12MSD

Tot Ion:	252	Resp:	994457
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.4
125	5.5	5.3	7.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 41.145 ng

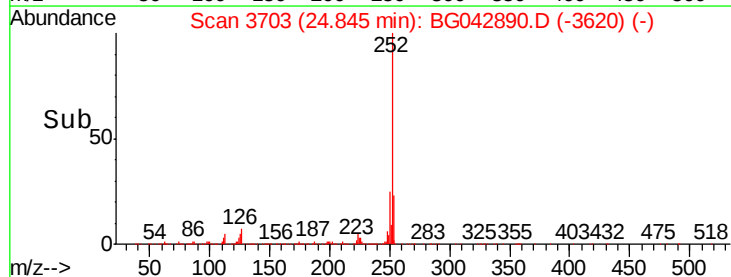
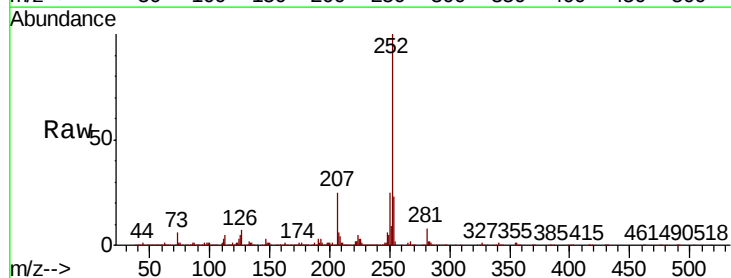
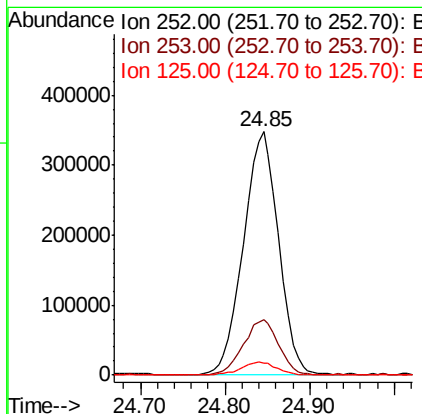
RT: 24.85 min Scan# 3703

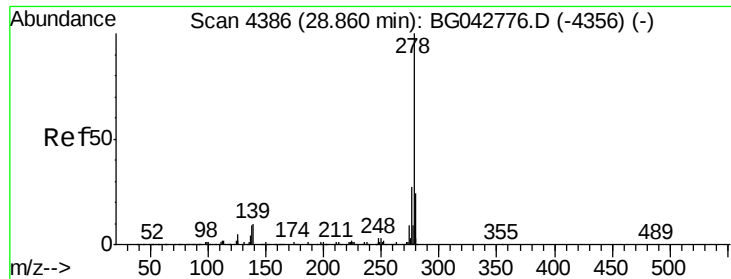
Delta R.T. -0.04 min

Lab File: BG042890.D

Acq: 18 Sep 2019 12:28

Tgt Ion:	252	Resp:	1002572
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	4.9	5.7	8.5#





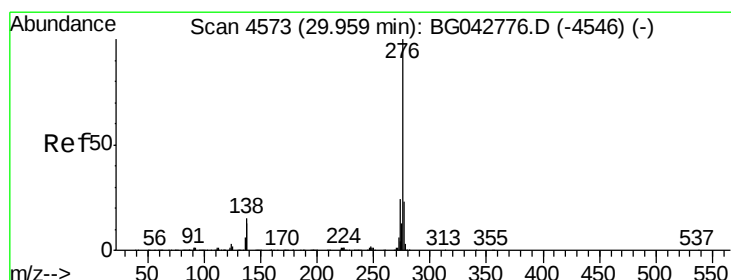
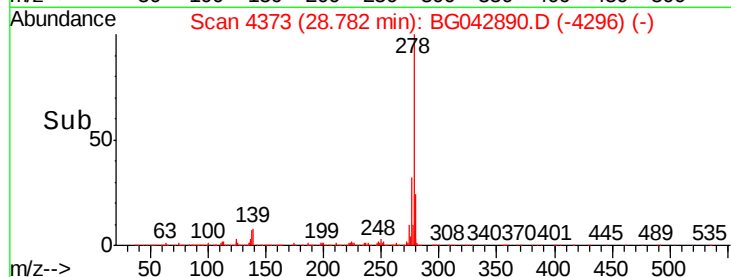
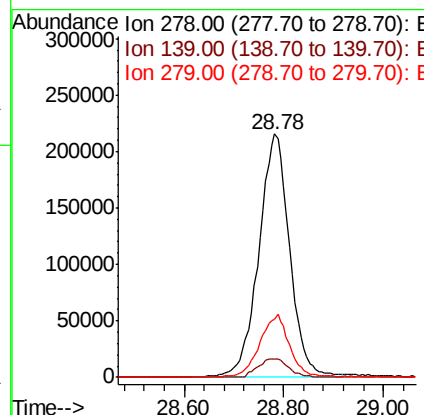
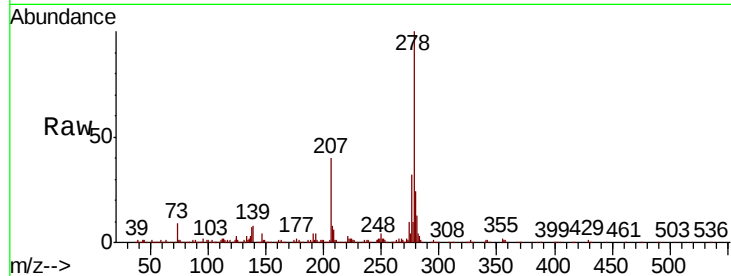
#91
Dibenzo(a,h)anthracene
Concen: 38.696 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.08 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.7	8.2	12.2#
279	23.8	19.4	29.2

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:48:07 AM



#92
Benzo(g,h,i)perylene
Concen: 40.223 ng
RT: 29.88 min Scan# 4560
Delta R.T. -0.08 min
Lab File: BG042890.D
Acq: 18 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	10.4	11.8	17.8#

