

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043794.D
 Acq On : 9 Dec 2019 16:44
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:51:09 AM

Quant Time: Dec 09 17:52:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	143445	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	575223	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	394465	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	828084	20.00	ng	0.00
76) Chrysene-d12	21.64	240	691291	20.00	ng	0.01
87) Perylene-d12	24.79	264	783804	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1370597	171.78	ng	0.00
7) Phenol-d6	7.17	99	1936421	166.95	ng	0.01
23) Nitrobenzene-d5	9.16	82	1977034	188.97	ng	0.01
42) 2,4,6-Tribromophenol	16.12	330	748006	157.22	ng	0.01
45) 2-Fluorobiphenyl	13.26	172	3479575	145.00	ng	0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	324131	91.618	ng	98
3) Pyridine	3.88	79	829895	83.310	ng	96
4) n-Nitrosodimethylamine	3.79	42	441762	89.273	ng	98
6) Aniline	7.33	93	1281701	84.796	ng	98
8) 2-Chlorophenol	7.57	128	809835	88.988	ng	93
9) Benzaldehyde	7.14	77	375932	54.260	ng	92
10) Phenol	7.20	94	1036522	87.050	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	897277	90.292	ng	96
12) 1,3-Dichlorobenzene	7.90	146	952521	88.913	ng	95
13) 1,4-Dichlorobenzene	8.04	146	946570	87.234	ng	96
14) 1,2-Dichlorobenzene	8.36	146	911318	88.762	ng	96
15) Benzyl Alcohol	8.24	79	815843	84.212	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	1391187	81.402	ng	99
17) 2-Methylphenol	8.44	107	757570	88.989	ng	99
18) Hexachloroethane	9.09	117	361603	88.279	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	765245	83.897	ng	98
20) 3+4-Methylphenols	8.78	107	1059471	89.206	ng	98
22) Acetophenone	8.82	105	1336047	87.633	ng	# 94
24) Nitrobenzene	9.21	77	1022719	95.103	ng	96
25) Isophorone	9.73	82	1937782	86.381	ng	96
26) 2-Nitrophenol	9.92	139	460350	118.652	ng	98
27) 2,4-Dimethylphenol	9.98	122	719229	94.408	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	1229028	88.891	ng	94
29) 2,4-Dichlorophenol	10.45	162	896432	96.791	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	1015937	93.609	ng	98
31) Naphthalene	10.86	128	2473710	86.692	ng	# 93
32) Benzoic acid	10.18	122	673490	122.589	ng	95
33) 4-Chloroaniline	10.96	127	1287002	93.616	ng	96
34) Hexachlorobutadiene	11.16	225	632414	88.615	ng	97
35) Caprolactam	11.76	113	346651m	92.049	ng	
36) 4-Chloro-3-methylphenol	12.09	107	932746	89.617	ng	99
37) 2-Methylnaphthalene	12.46	142	1959558	91.128	ng	97
38) 1-Methylnaphthalene	12.68	142	1848765	90.591	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	1144216	91.160	ng	99

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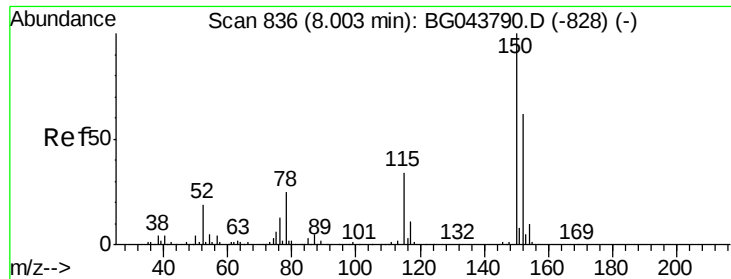
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	605217	89.246	nq	100
43) 2,4,6-Trichlorophenol	13.07	196	768224	95.164	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	797703	94.986	nq	97
46) 1,1'-Biphenyl	13.47	154	2376162	86.902	nq	87
47) 2-Chloronaphthalene	13.51	162	1993212	89.389	nq	90
48) 2-Nitroaniline	13.71	65	697539	106.853	nq	96
49) Acenaphthylene	14.36	152	2801041	79.843	nq #	87
50) Dimethylphthalate	14.09	163	2400595	76.824	nq #	94
51) 2,6-Dinitrotoluene	14.20	165	619814	106.810	nq	95
52) Acenaphthene	14.70	154	2013558	89.750	nq	96
53) 3-Nitroaniline	14.53	138	686415	101.270	nq	98
54) 2,4-Dinitrophenol	14.73	184	271094	114.342	nq	91
55) Dibenzofuran	15.03	168	2663631	76.210	nq #	87
56) 4-Nitrophenol	14.83	139	528093	92.498	nq	99
57) 2,4-Dinitrotoluene	14.99	165	845430	105.052	nq	98
58) Fluorene	15.68	166	2213630	77.231	nq #	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	692066m	82.047	nq	
60) Diethylphthalate	15.46	149	2411023	73.485	nq #	91
61) 4-Chlorophenyl-phenylether	15.67	204	1331013	84.343	nq	95
62) 4-Nitroaniline	15.70	138	684845	88.114	nq	99
63) Azobenzene	15.97	77	2207130	75.044	nq	90
65) 4,6-Dinitro-2-methylphenol	15.76	198	372701	132.635	nq	96
66) n-Nitrosodiphenylamine	15.89	169	2079047	94.826	nq	92
67) 4-Bromophenyl-phenylether	16.57	248	865618	99.125	nq	99
68) Hexachlorobenzene	16.69	284	901318	94.411	nq	96
70) Pentachlorophenol	17.03	266	508334	87.262	nq	99
71) Phenanthrene	17.42	178	3165342	77.252	nq #	83
72) Anthracene	17.51	178	3160421	76.356	nq #	82
73) Carbazole	17.77	167	2969064	72.403	nq #	84
74) Di-n-butylphthalate	18.35	149	3259319	62.099	nq #	85
75) Fluoranthene	19.42	202	3451363	58.721	nq	80
77) Benzidine	19.59	184	1280579	63.416	nq #	92
78) Pyrene	19.78	202	3429761	76.875	nq #	78
80) Butylbenzylphthalate	20.68	149	1765386	86.861	nq #	92
81) Benzo(a)anthracene	21.62	228	3591191	77.706	nq #	79
82) 3,3'-Dichlorobenzidine	21.53	252	1450506	83.696	nq	95
83) Chrysene	21.69	228	3378716	77.261	nq #	79
84) Bis(2-ethylhexyl)phthalate	21.55	149	2326784	81.366	nq #	85
85) Di-n-octyl phthalate	22.75	149	3866201	83.352	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.40	276	5194460	102.114	nq	97
88) Benzo(b)fluoranthene	23.80	252	4106087	87.741	nq #	92
89) Benzo(k)fluoranthene	23.88	252	3757841	83.669	nq #	90
90) Benzo(a)pyrene	24.66	252	3923070	89.150	nq	94
91) Dibenzo(a,h)anthracene	28.47	278	4074087	95.448	nq	95
92) Benzo(g,h,i)perylene	29.52	276	4107447	97.581	nq	95

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



#1

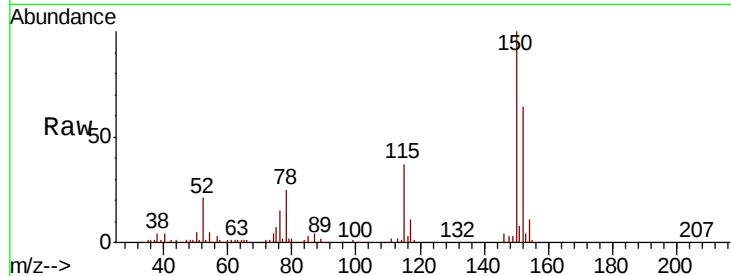
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.6	192.8
115	57.3	44.3	66.5

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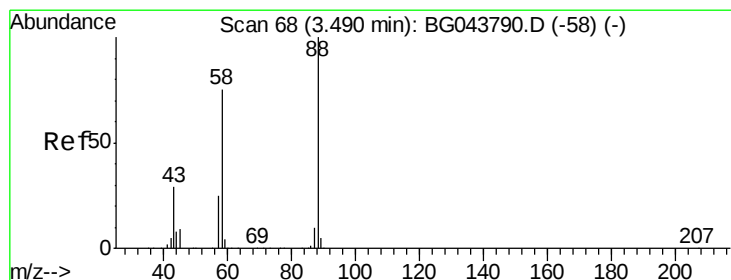
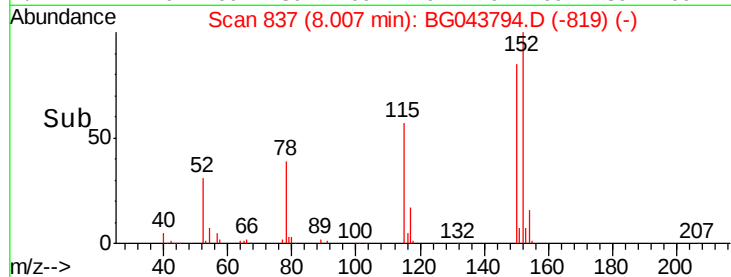
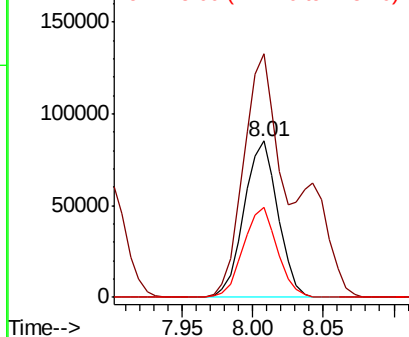


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

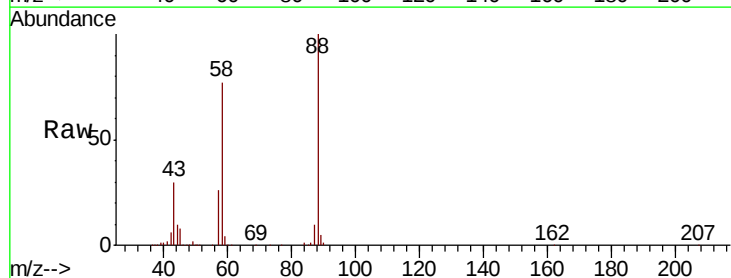
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 91.618 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	62.2	93.4
43	29.4	24.3	36.5

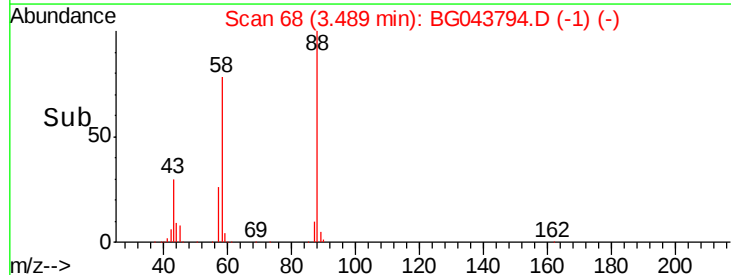
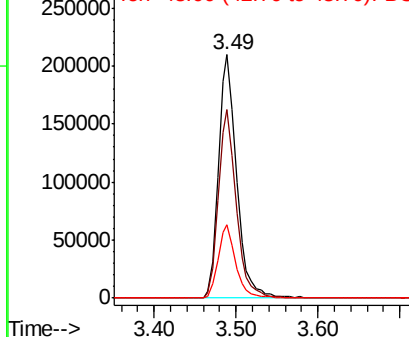


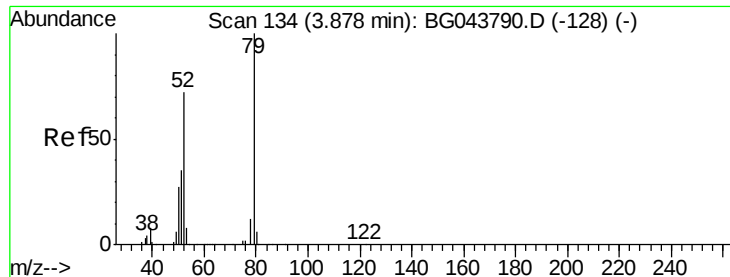
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 83.310 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

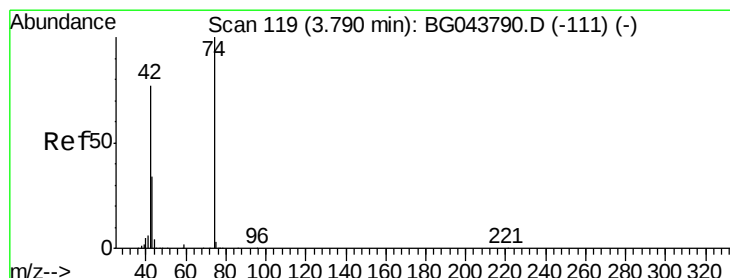
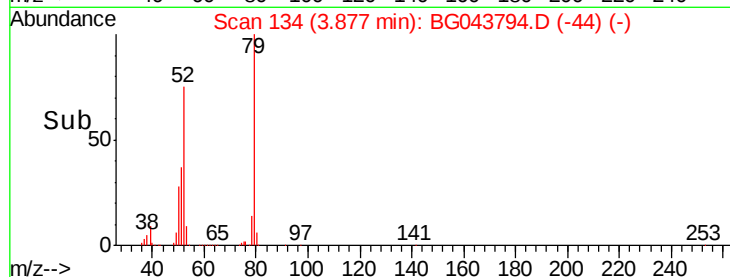
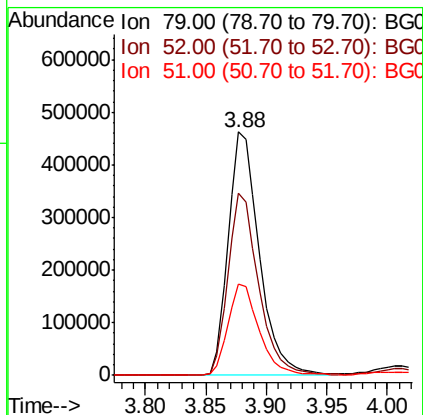
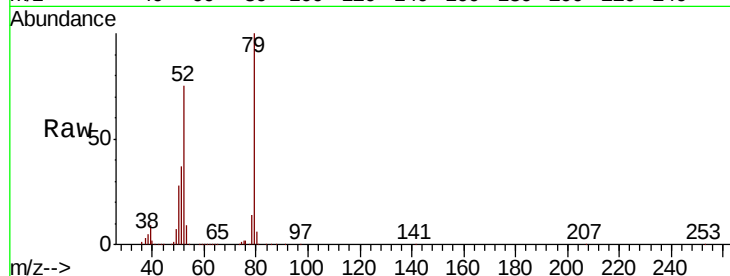
ClientSampleId :

SSTDICC100

Tot Ion:	79	Resp:	829895
Ion Ratio	Lower	Upper	
79	100		
52	74.6	57.6	86.4
51	37.4	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 89.273 ng

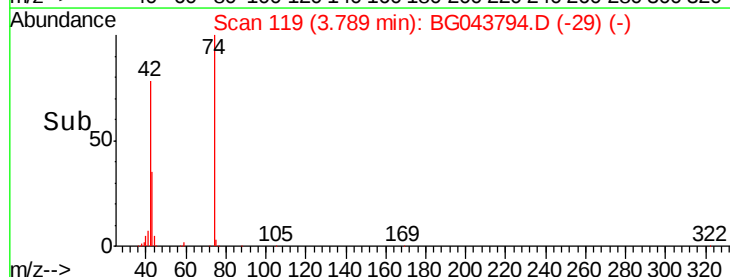
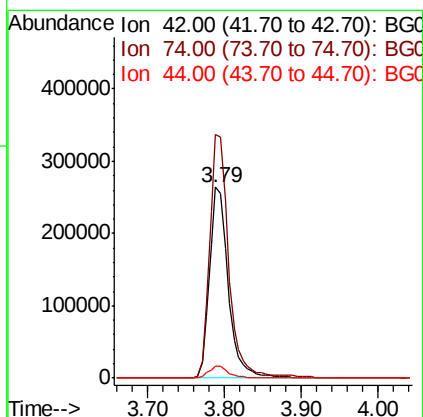
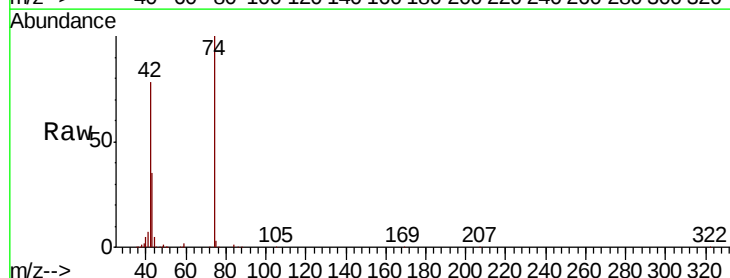
RT: 3.79 min Scan# 119

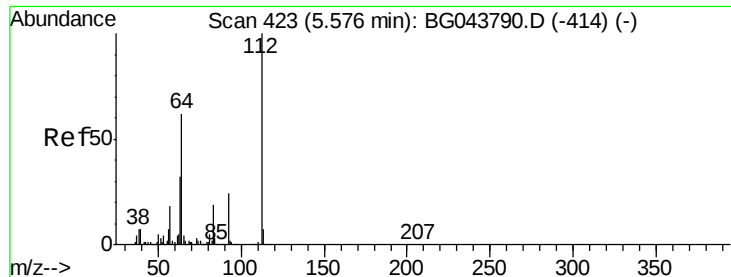
Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	42	Resp:	441762
Ion Ratio	Lower	Upper	
42	100		
74	127.7	104.2	156.4
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 171.775 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:112 Resp: 1370597

Ion Ratio Lower Upper

112 100

64 66.3 49.9 74.9

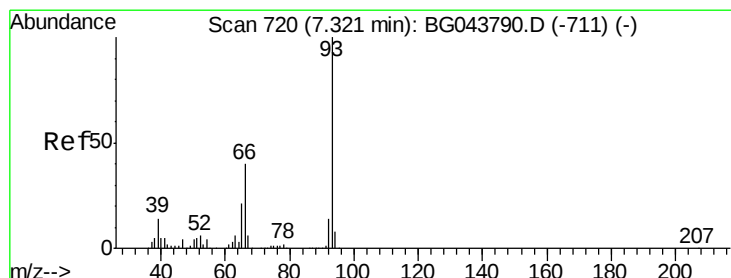
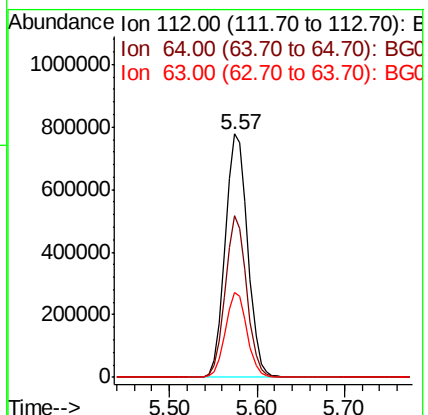
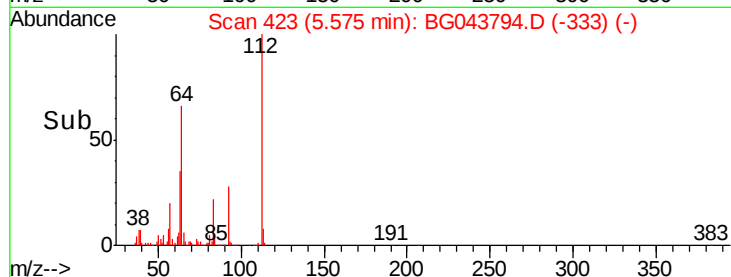
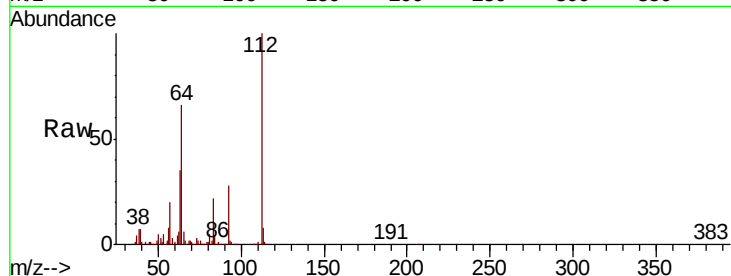
63 35.0 26.0 39.0

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#6

Aniline

Concen: 84.796 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

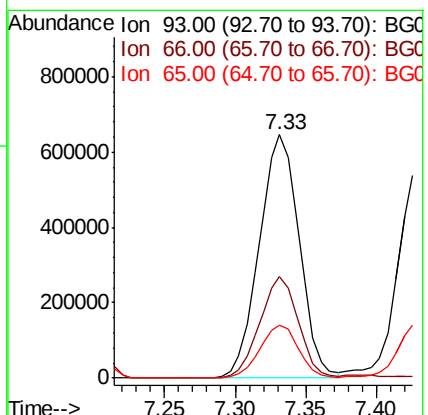
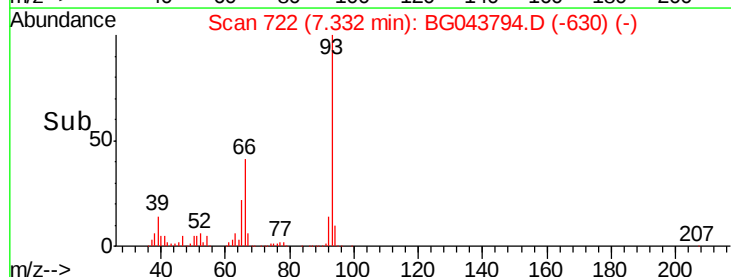
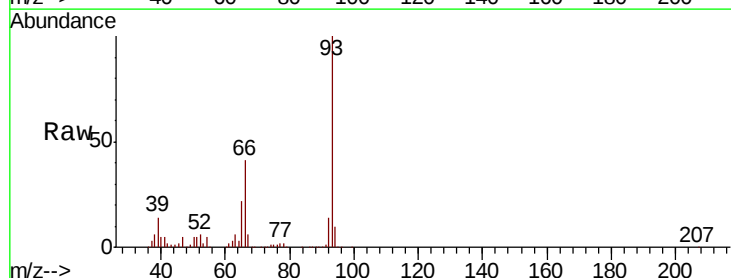
Tgt Ion: 93 Resp: 1281701

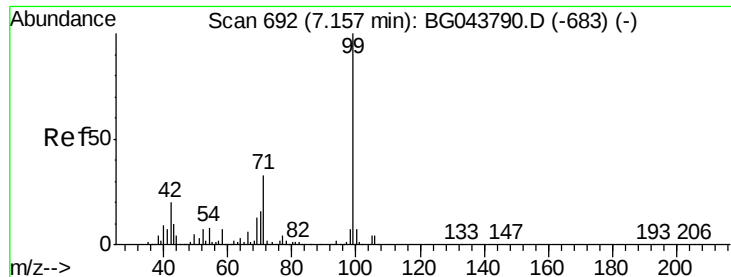
Ion Ratio Lower Upper

93 100

66 41.5 31.9 47.9

65 21.9 16.8 25.2





#7

Phenol-d6

Concen: 166.949 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC100

Tot Ion: 99 Resp: 1936421

Ion Ratio Lower Upper

99 100

42 23.1 16.2 24.2

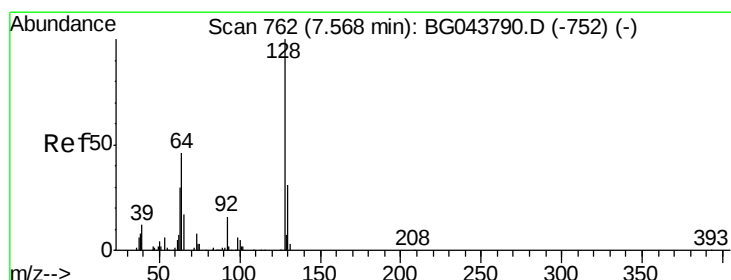
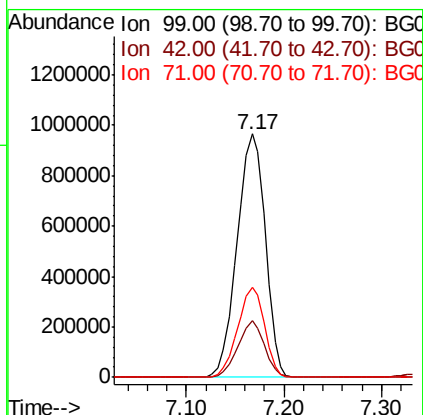
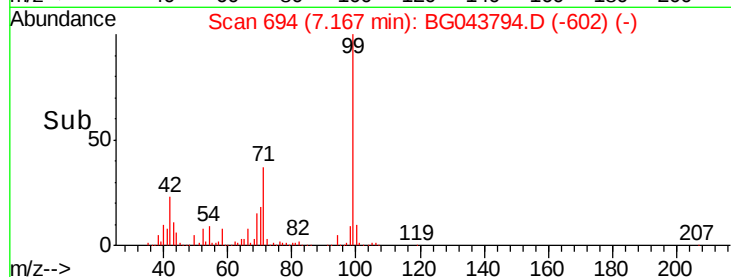
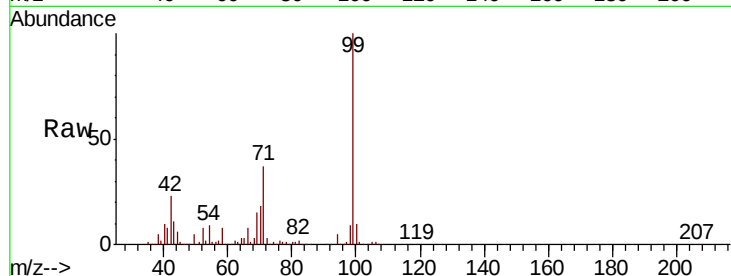
71 37.1 26.6 40.0

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#8

2-Chlorophenol

Concen: 88.988 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

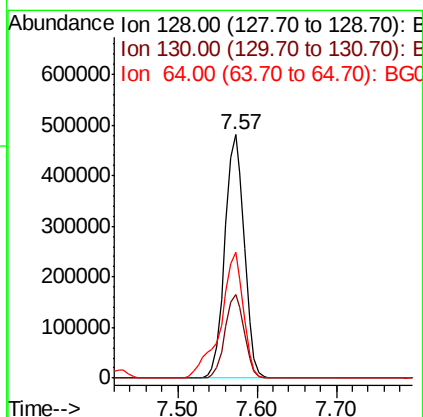
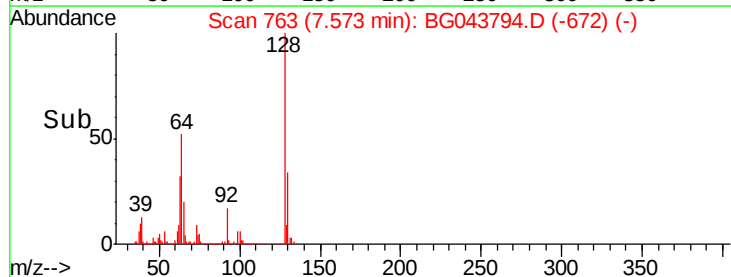
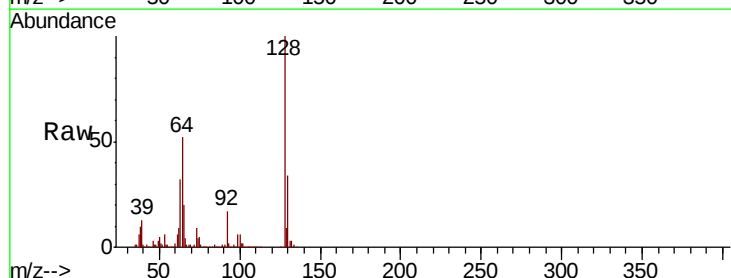
Tgt Ion:128 Resp: 809835

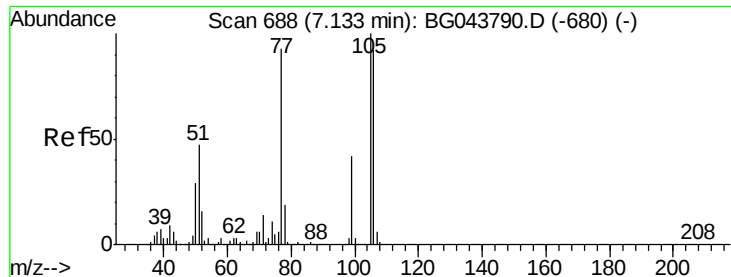
Ion Ratio Lower Upper

128 100

130 34.1 11.1 51.1

64 51.5 26.5 66.5





#9

Benzaldehyde

Concen: 54.260 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

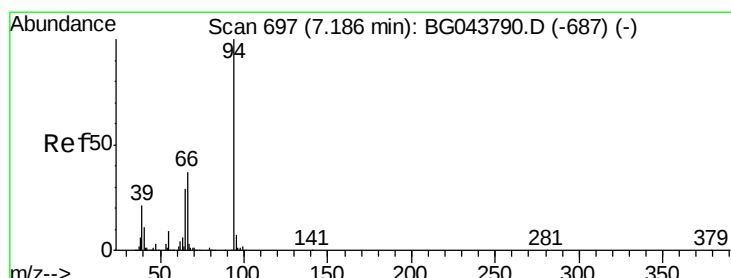
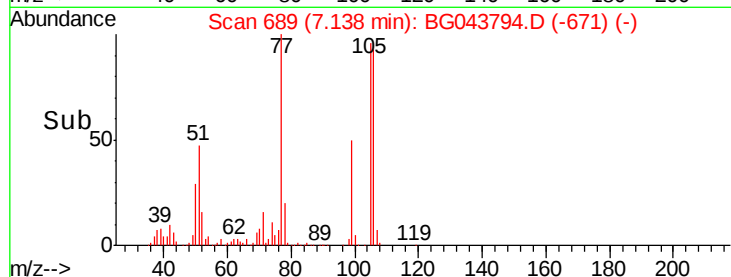
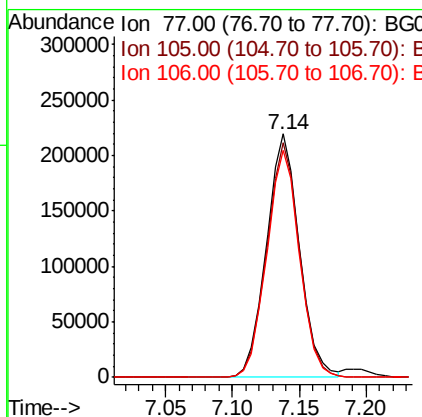
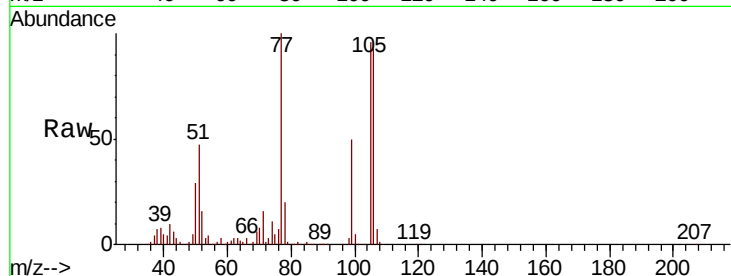
ClientSampleId :

SSTDICC100

Tot Ion:	77	Resp:	375932
Ion	Ratio	Lower	Upper
77	100		
105	96.4	87.1	127.1
106	93.2	78.2	118.2

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#10

Phenol

Concen: 87.050 ng

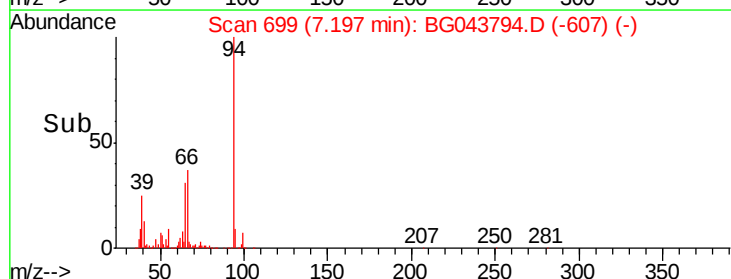
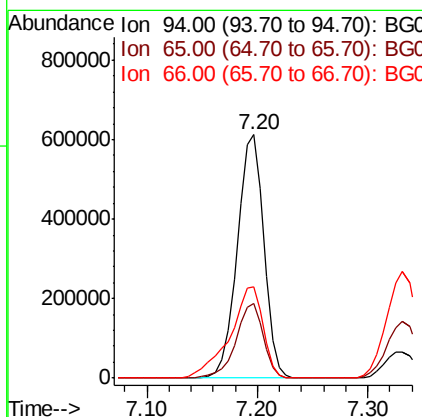
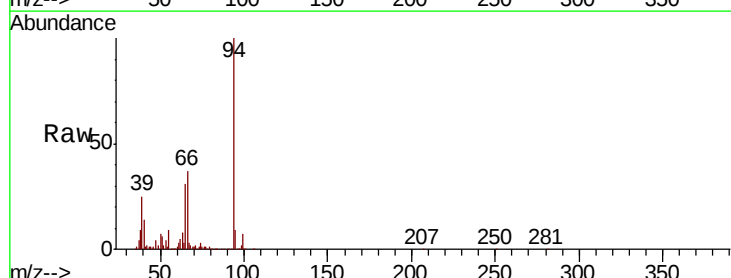
RT: 7.20 min Scan# 699

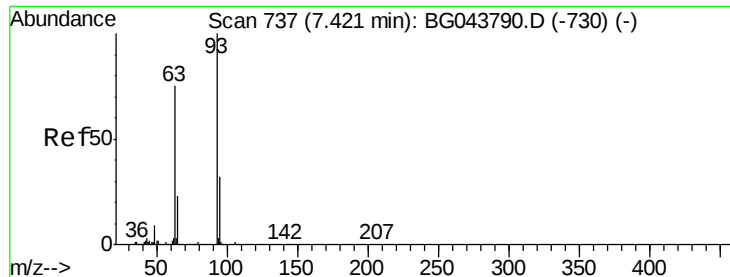
Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	94	Resp:	1036522
Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.5	49.5
66	37.3	16.8	56.8





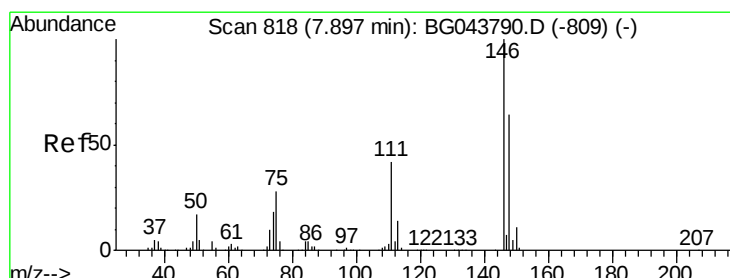
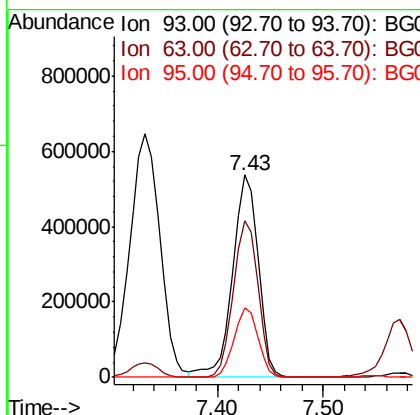
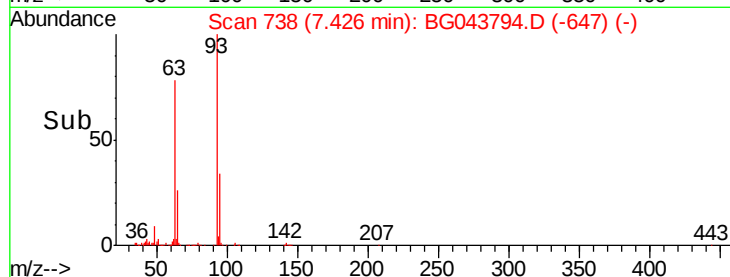
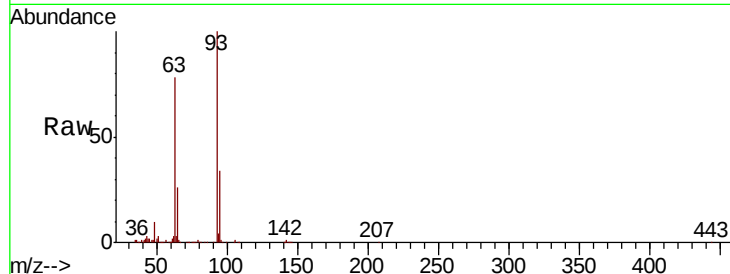
#11
bis(2-Chloroethyl)ether
Concen: 90.292 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.5	54.7	94.7
95	34.2	11.3	51.3

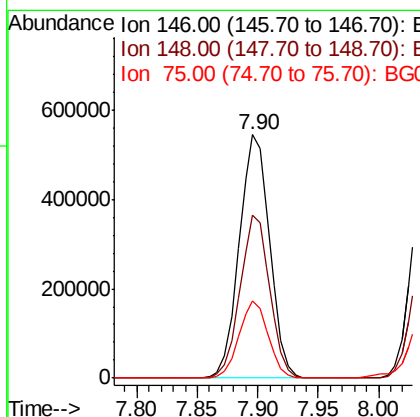
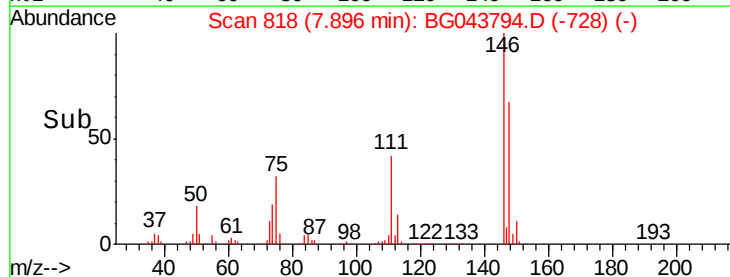
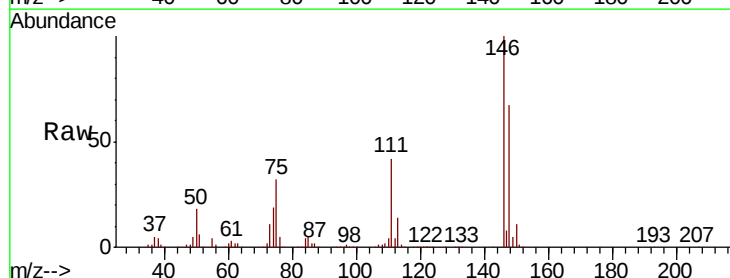
Manual Integrations
APPROVED

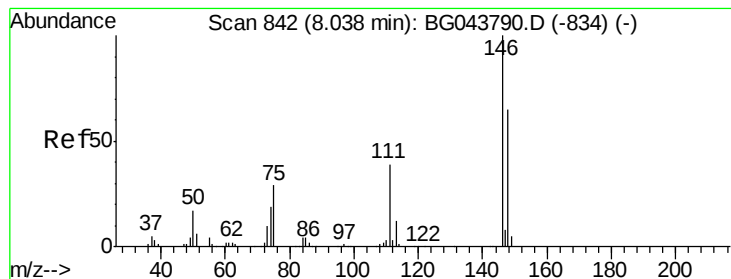
mohammad
12/10/2019 11:51:09 AM



#12
1,3-Dichlorobenzene
Concen: 88.913 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.4	77.2
75	31.6	22.4	33.6





#13

1,4-Dichlorobenzene

Concen: 87.234 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

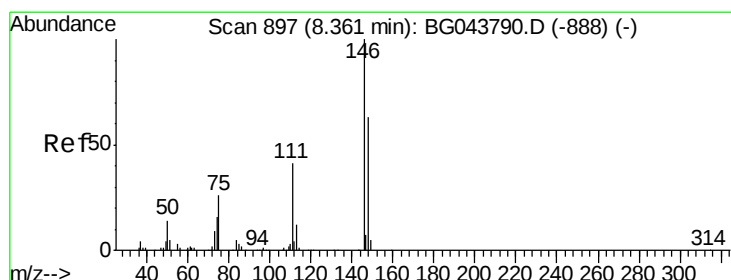
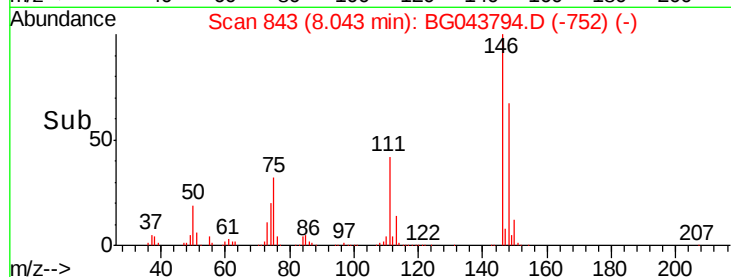
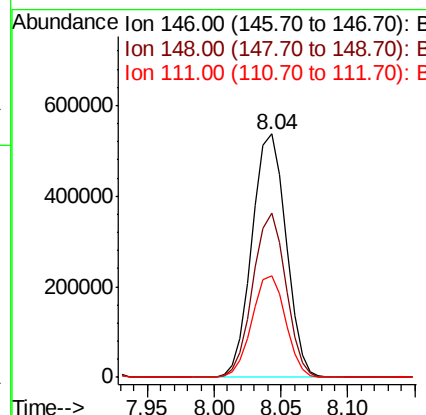
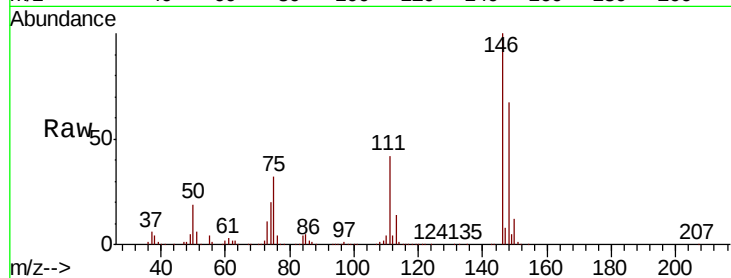
ClientSampleId :

SSTDICC100

Tot Ion:	146	Resp:	946570
Ion Ratio	Lower	Upper	
146	100		
148	67.4	51.8	77.8
111	41.9	31.4	47.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 88.762 ng

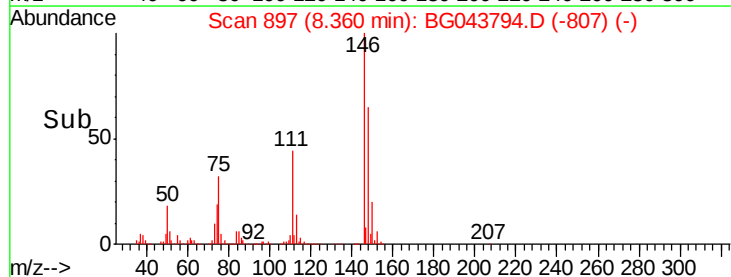
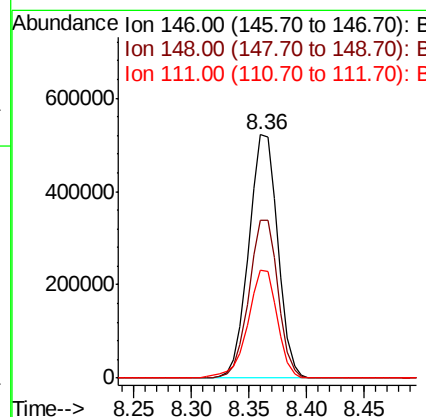
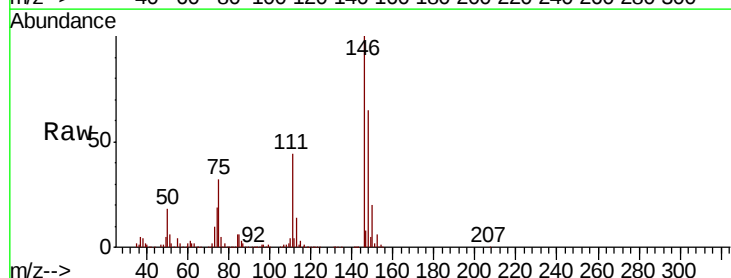
RT: 8.36 min Scan# 897

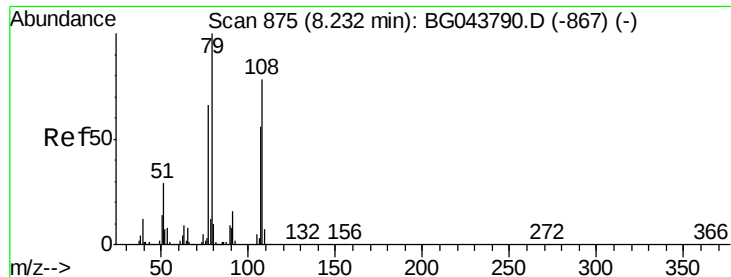
Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	146	Resp:	911318
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.2
111	44.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 84.212 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

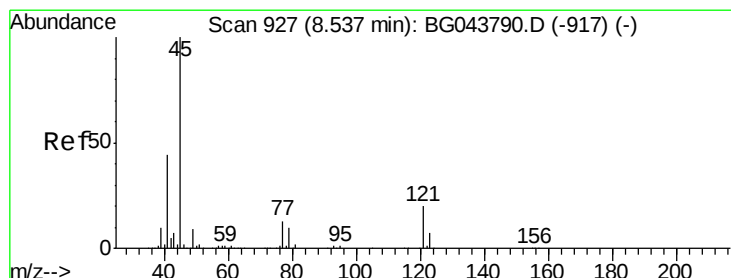
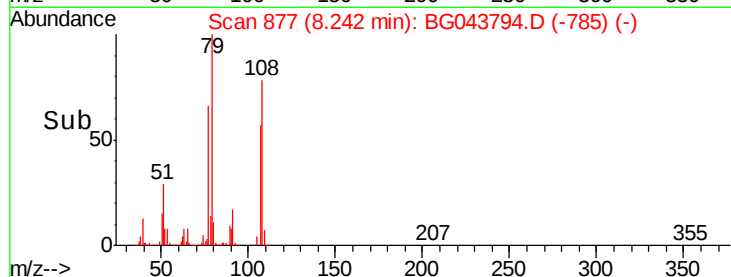
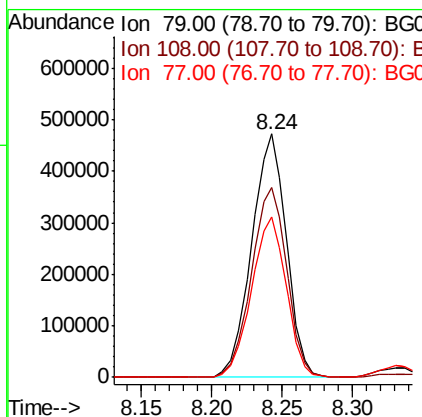
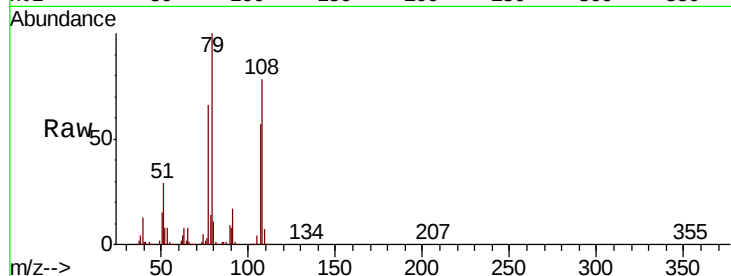
ClientSampleId :

SSTDICC100

Tot Ion:	79	Resp:	815843
Ion Ratio	Lower	Upper	
79	100		
108	78.0	62.2	93.2
77	66.0	52.8	79.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 81.402 ng

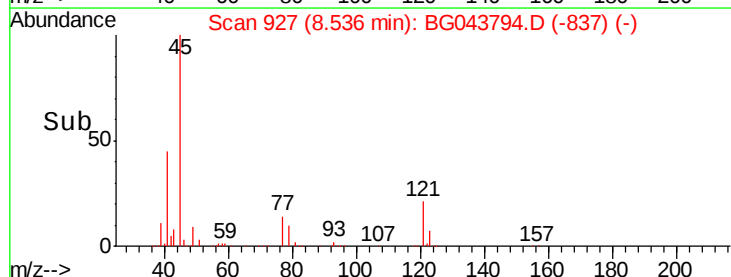
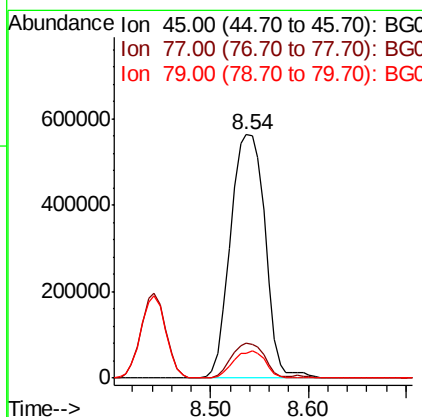
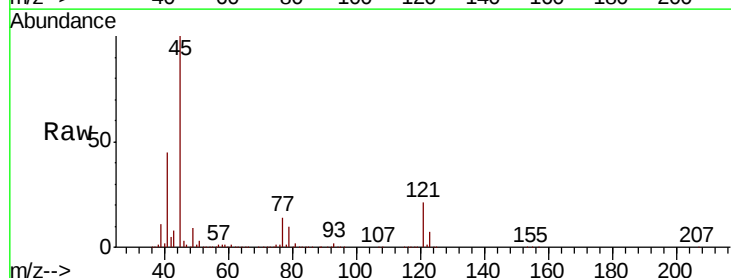
RT: 8.54 min Scan# 927

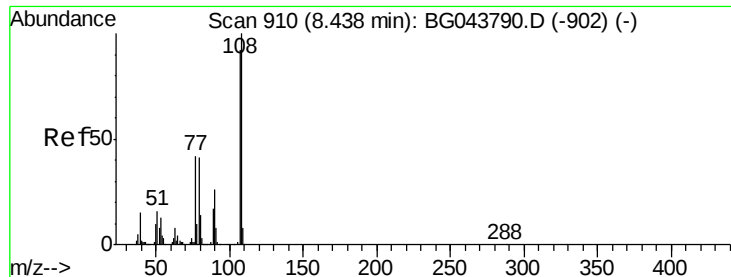
Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	45	Resp:	1391187
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.6
79	10.4	0.0	29.9





#17

2-Methylphenol

Concen: 88.989 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

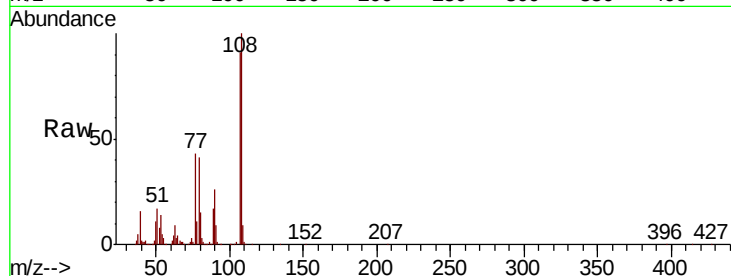
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	87.2	130.8	
77	47.0	36.6	54.8	
79	45.2	35.5	53.3	

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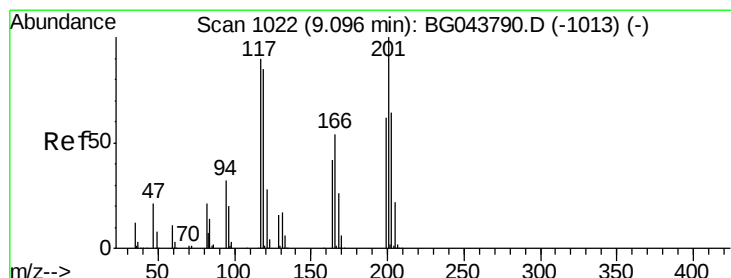
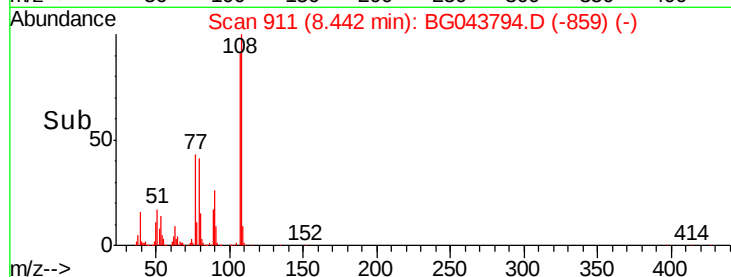
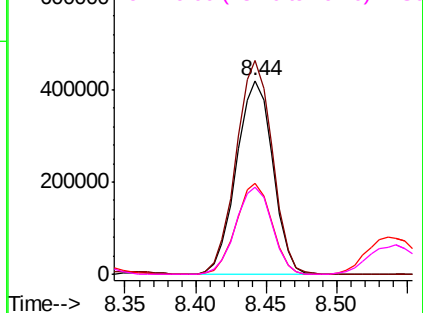
Abundance

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: 88.279 ng

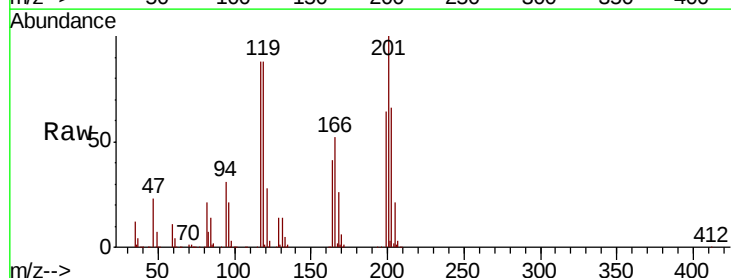
RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	75.6	113.4	
201	113.0	88.6	133.0	

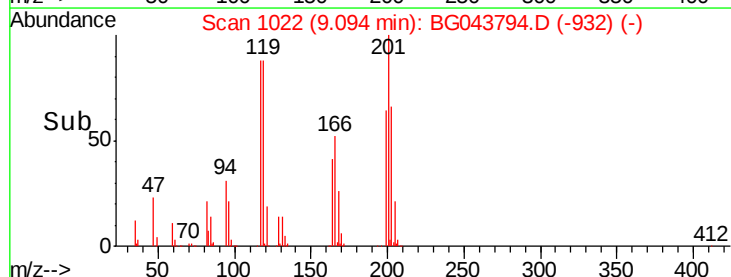
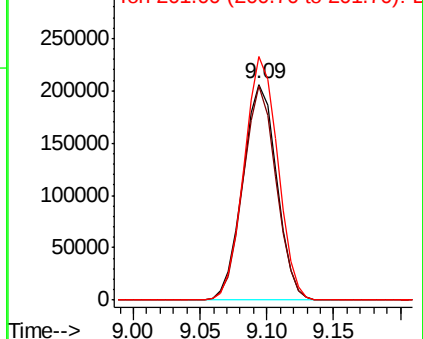


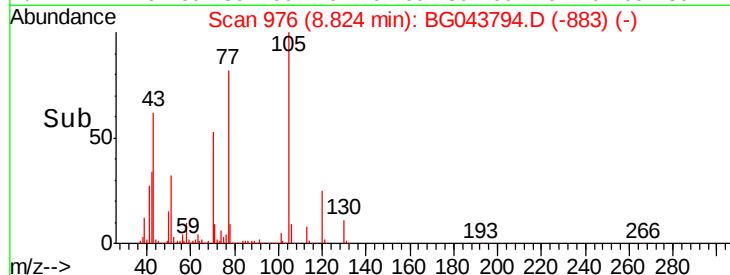
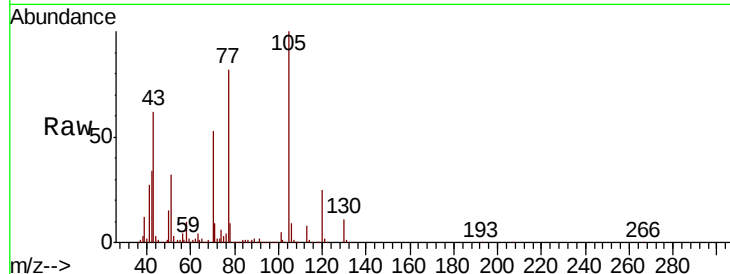
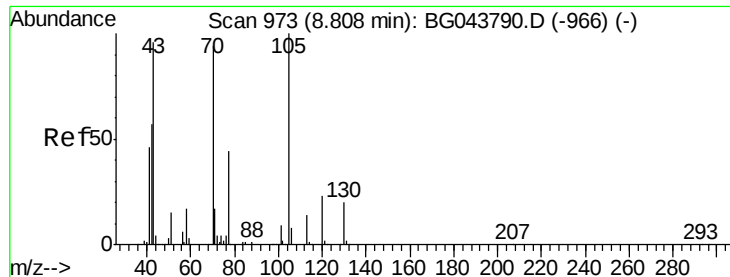
Abundance

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





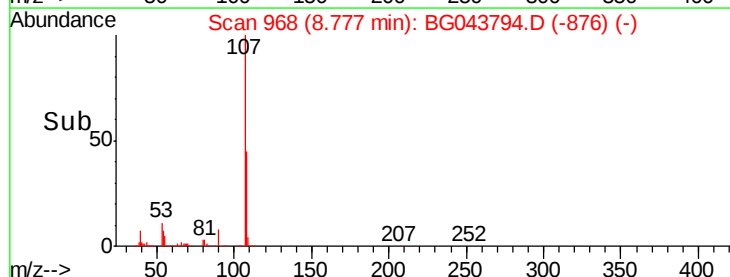
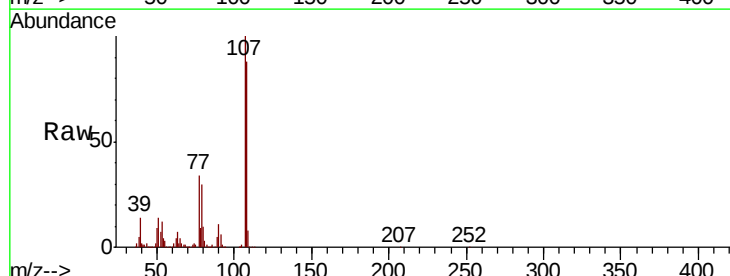
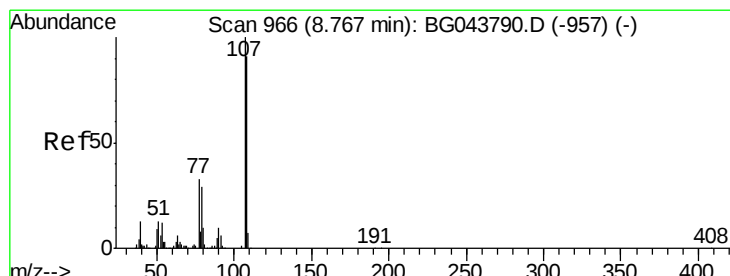
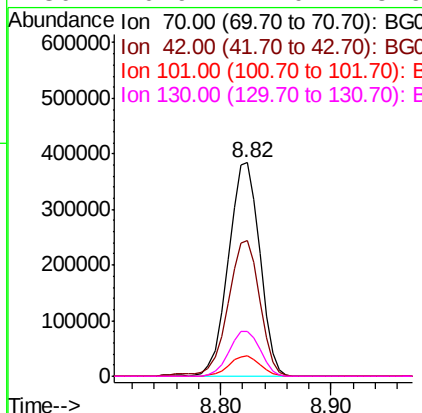
#19
n-Nitroso-di-n-propylamine
Concen: 83.897 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.3	49.2	73.8	
101	9.6	7.8	11.6	
130	20.9	17.0	25.6	

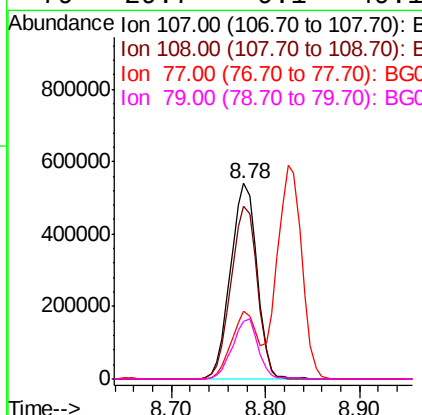
Manual Integrations
APPROVED

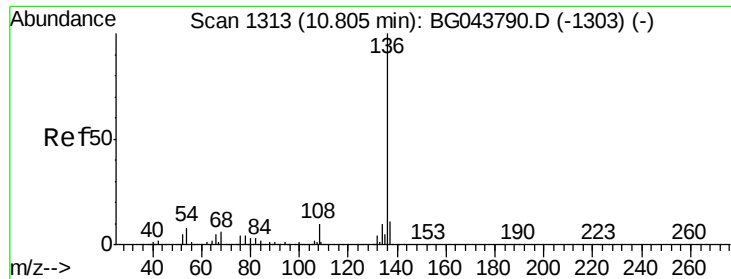
mohammad
12/10/2019 11:51:09 AM



#20
3+4-Methylphenols
Concen: 89.206 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	70.9	110.9	
77	34.4	12.7	52.7	
79	29.7	9.1	49.1	





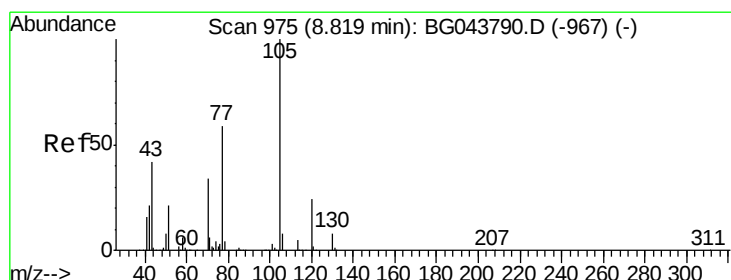
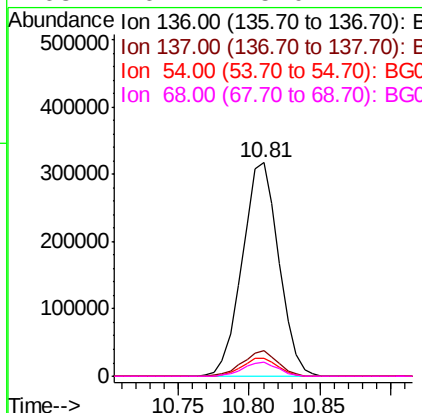
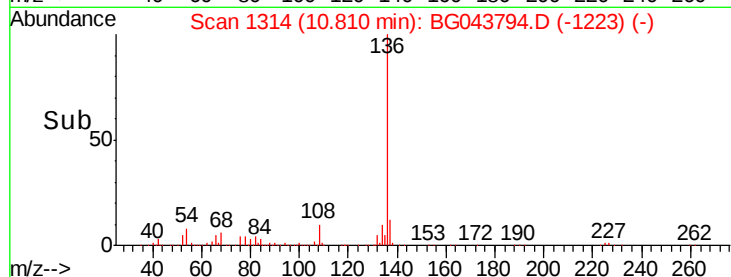
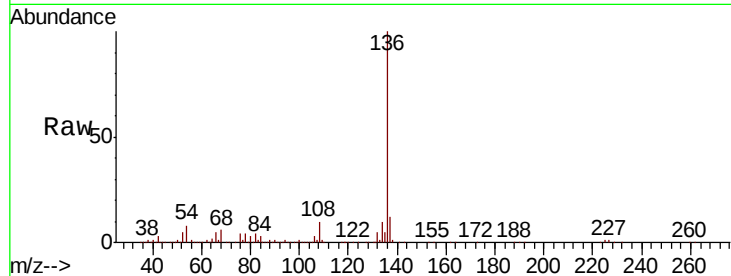
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		575223		
137	11.9	8.7	13.1		
54	8.1	6.8	10.2		
68	6.4	5.0	7.4		

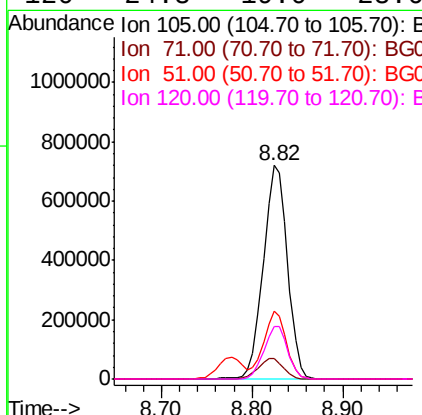
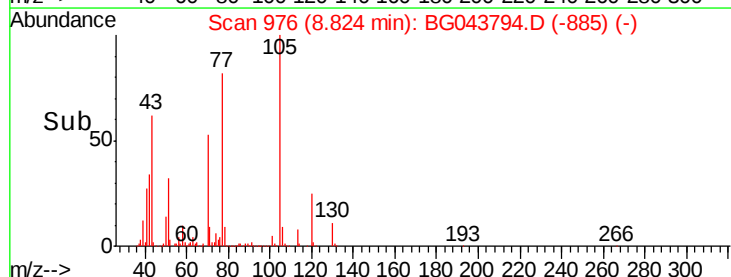
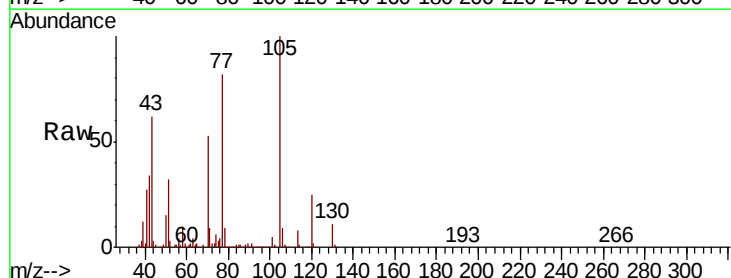
Manual Integrations
APPROVED

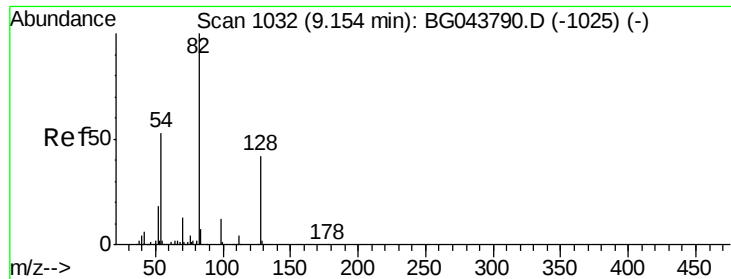
mohammad
12/10/2019 11:51:09 AM



#22
Acetophenone
Concen: 87.633 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1336047		
71	9.4	4.9	7.3#		
51	31.8	22.2	33.4		
120	24.8	19.0	28.6		





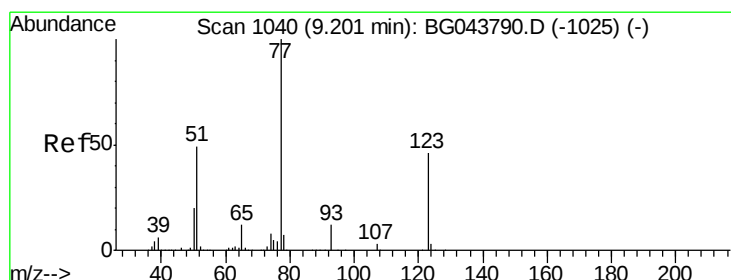
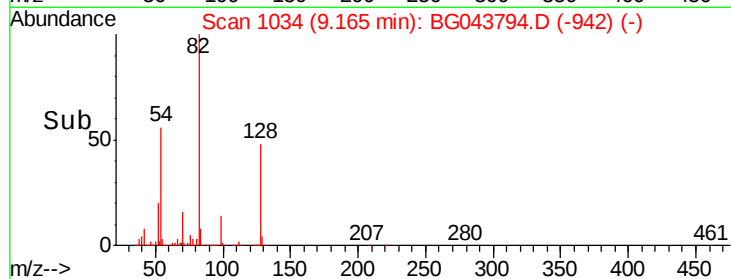
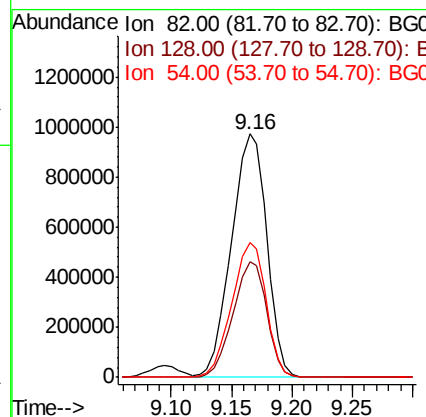
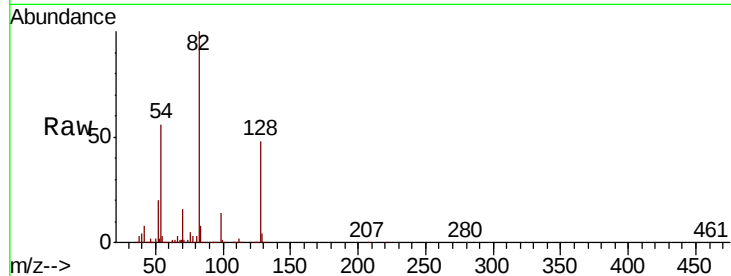
#23
 Nitrobenzene-d5
 Concen: 188.974 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion: 82 Resp: 1977034
 Ion Ratio Lower Upper
 82 100
 128 47.6 33.6 50.4
 54 55.5 42.1 63.1

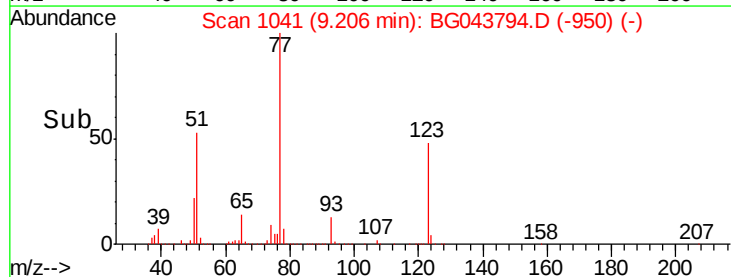
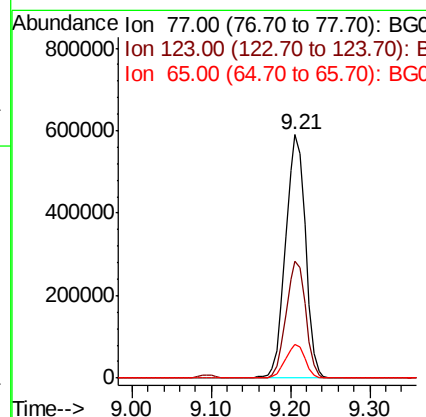
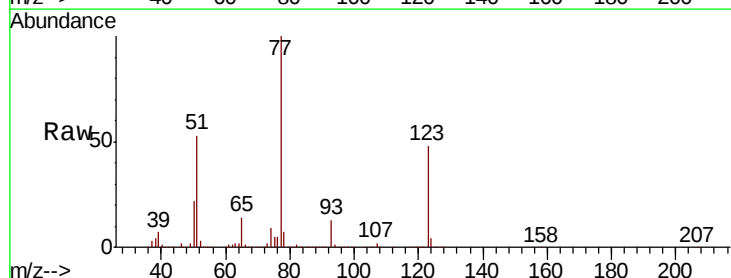
Manual Integrations
 APPROVED

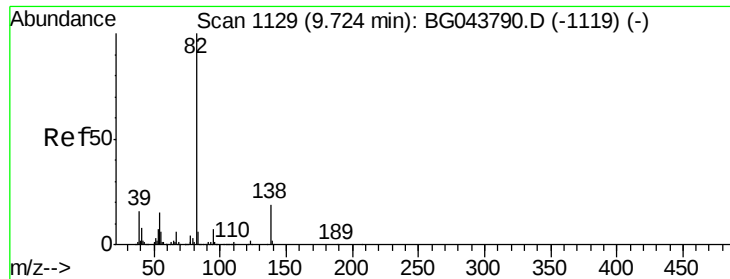
mohammad
 12/10/2019 11:51:09 AM



#24
 Nitrobenzene
 Concen: 95.103 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion: 77 Resp: 1022719
 Ion Ratio Lower Upper
 77 100
 123 48.0 36.6 55.0
 65 14.0 9.8 14.6





#25

Isophorone

Concen: 86.381 ng

RT: 9.73 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion: 82 Resp: 1937782

Ion Ratio Lower Upper

82 100

95 7.8 5.6 8.4

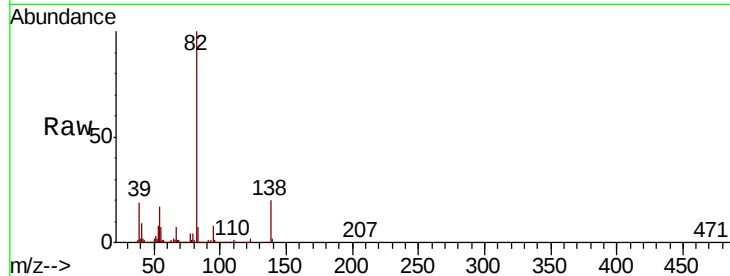
138 20.3 14.8 22.2

Manual Integrations

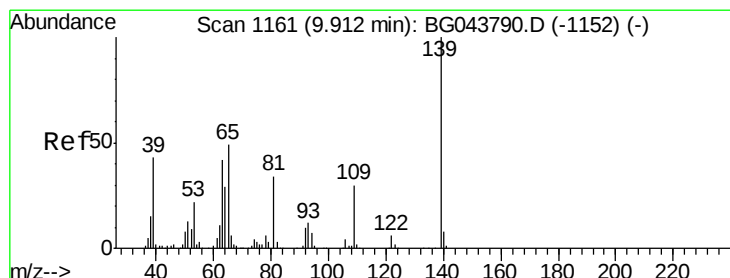
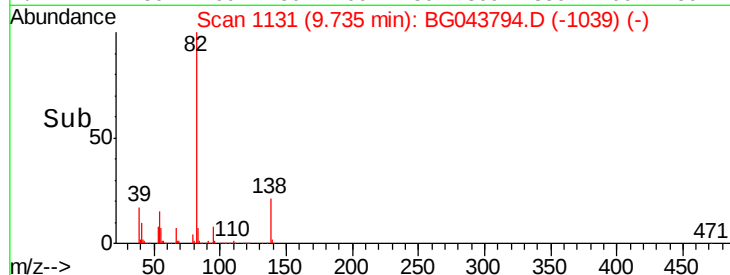
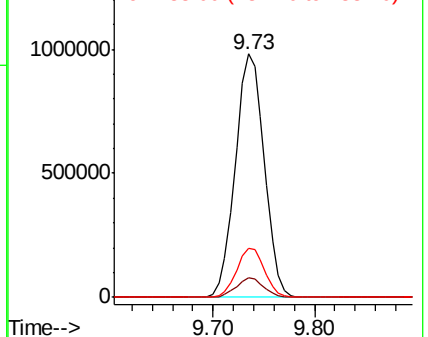
APPROVED

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12/10/2019 11:51:09 AM



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



#26

2-Nitrophenol

Concen: 118.652 ng

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

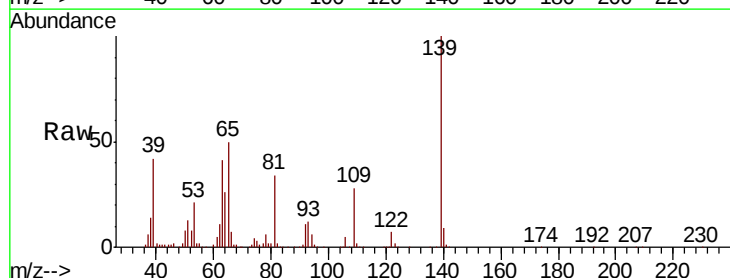
Tgt Ion:139 Resp: 460350

Ion Ratio Lower Upper

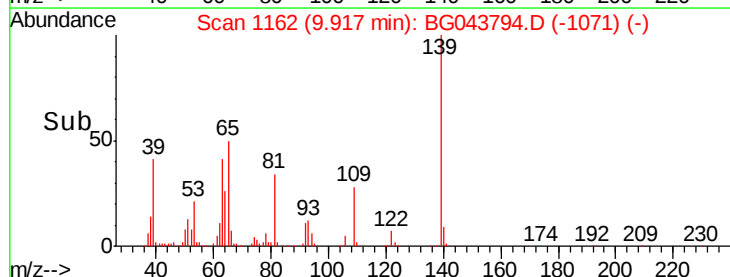
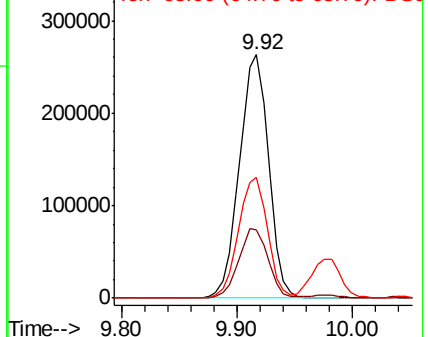
139 100

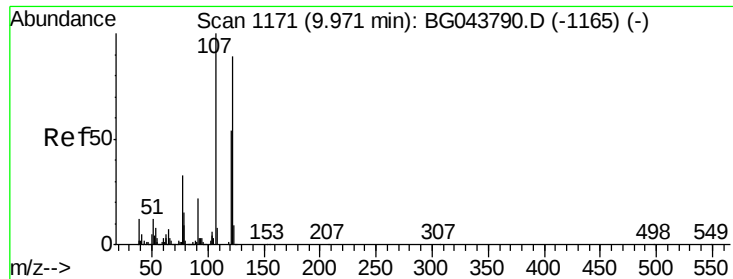
109 28.3 23.9 35.9

65 49.7 39.3 58.9



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





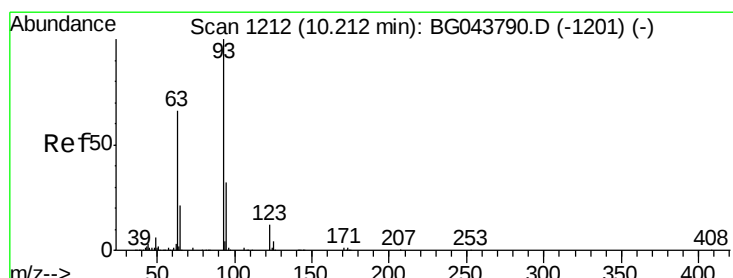
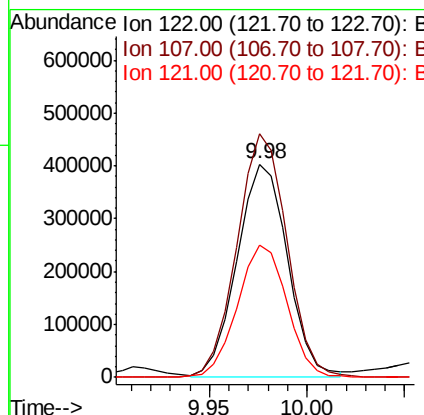
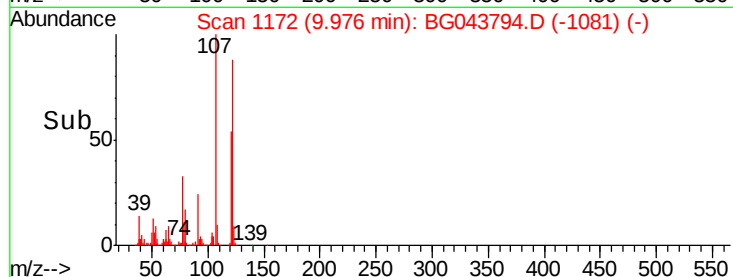
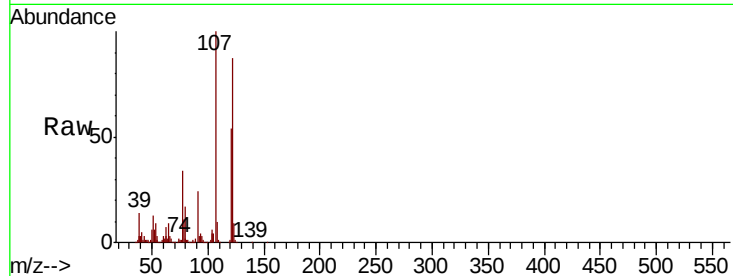
#27
2,4-Dimethylphenol
Concen: 94.408 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
122	100	719229		
107	114.3	90.0	135.0	
121	61.9	48.6	73.0	

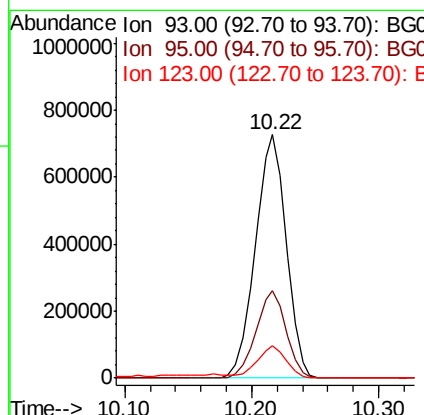
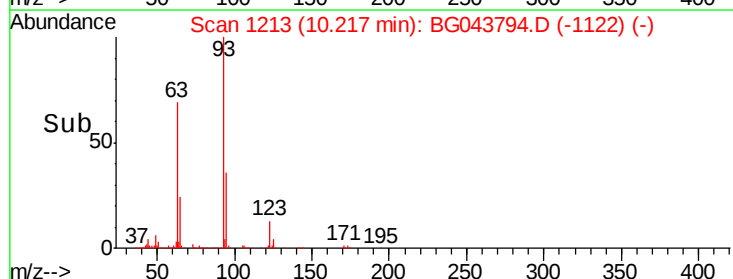
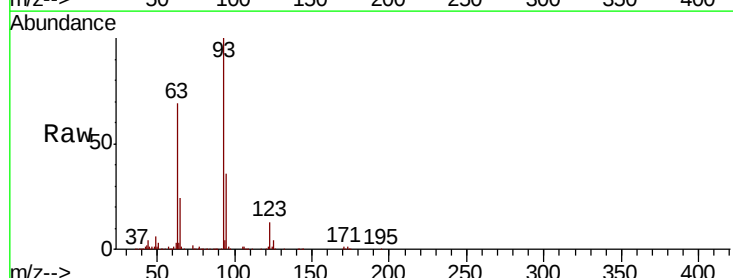
Manual Integrations
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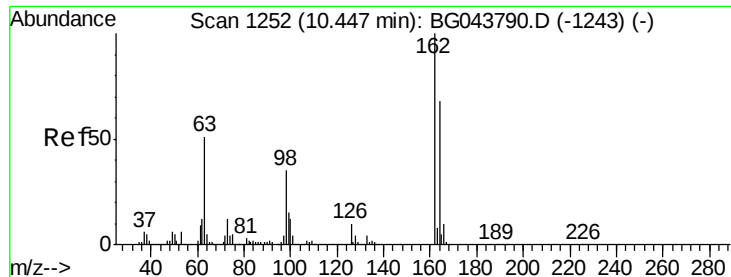
mohammad
12/10/2019 11:51:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 88.891 ng
RT: 10.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1229028		
95	35.8	25.7	38.5	
123	13.1	9.5	14.3	





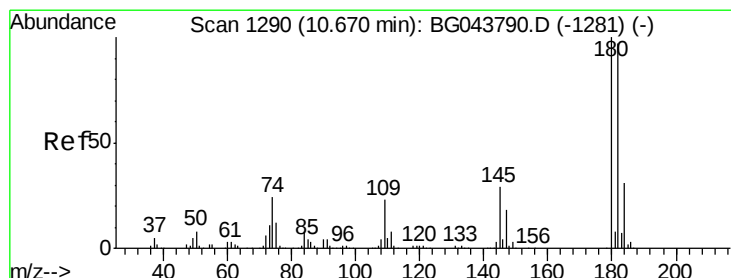
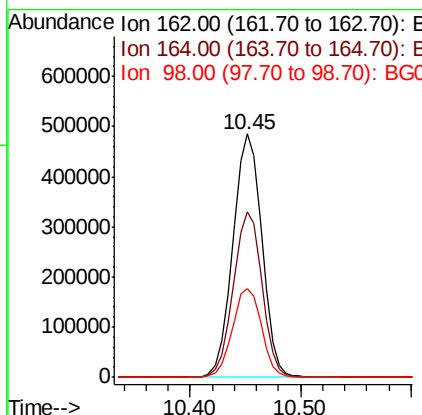
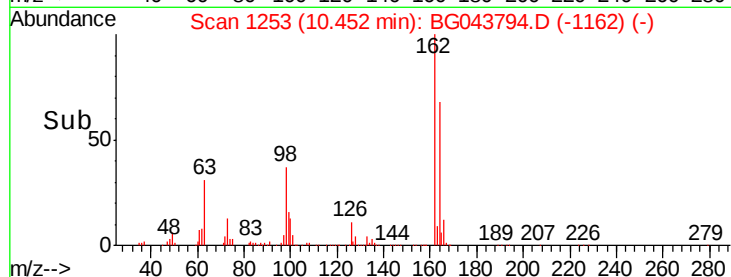
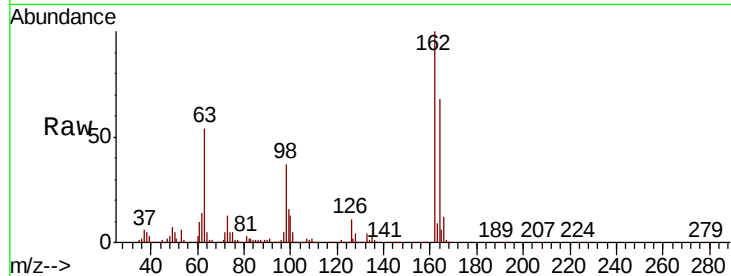
#29
2,4-Dichlorophenol
Concen: 96.791 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	48.0	88.0
98	36.7	14.9	54.9

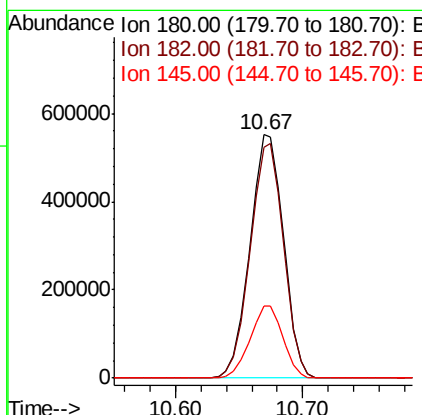
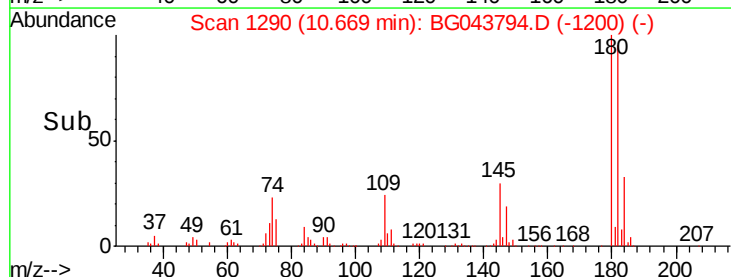
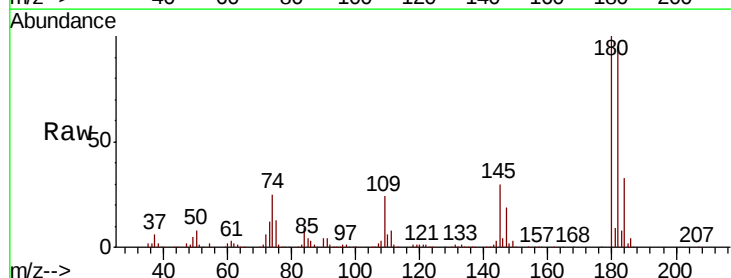
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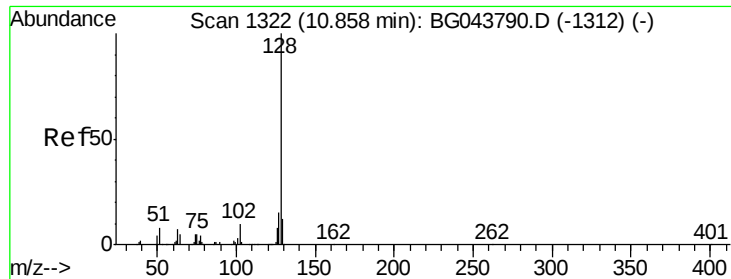
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 93.609 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.8	116.8
145	29.8	23.0	34.6





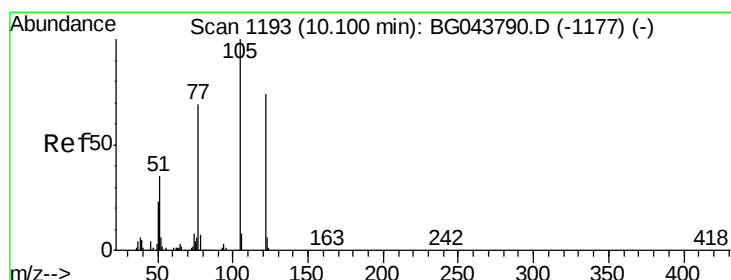
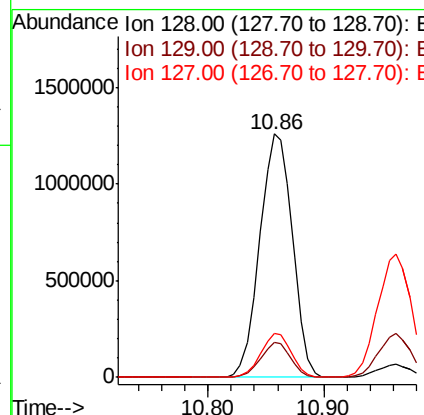
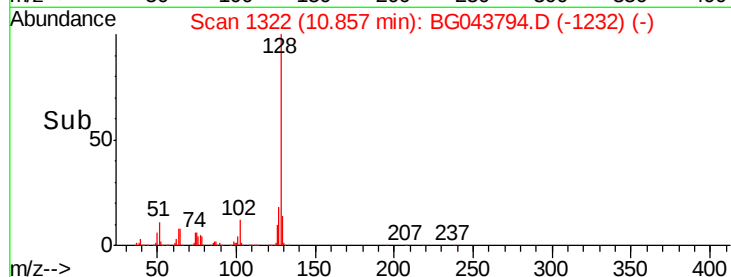
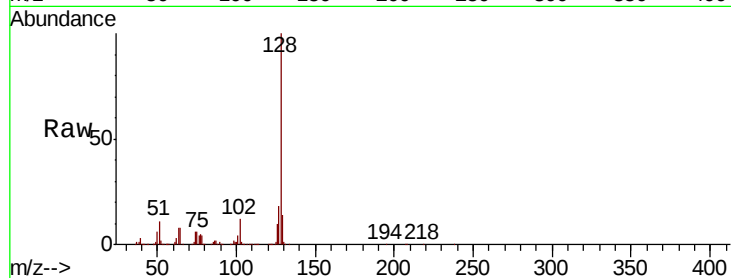
#31
Naphthalene
Concen: 86.692 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.8	14.6
127	18.1	11.9	17.9

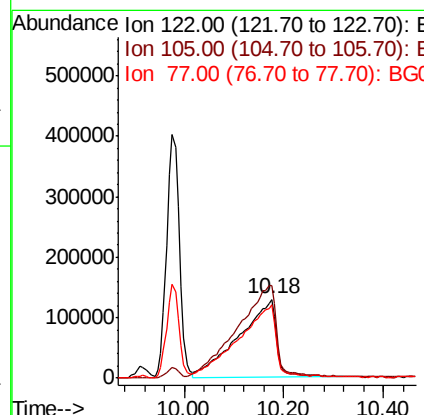
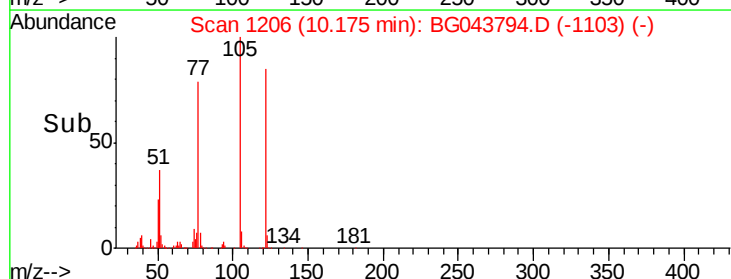
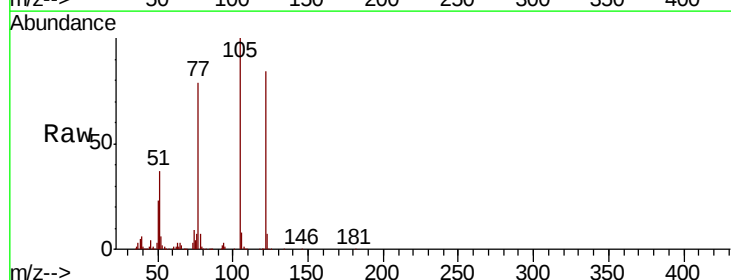
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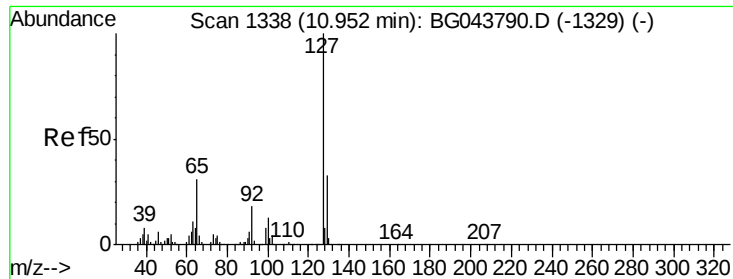
mohammad
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#32
Benzoic acid
Concen: 122.589 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.08 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	107.5	147.5
77	93.1	71.7	111.7





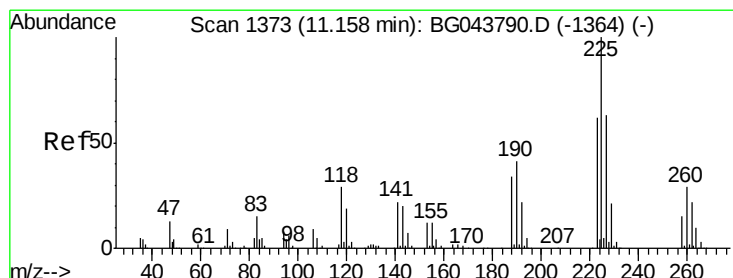
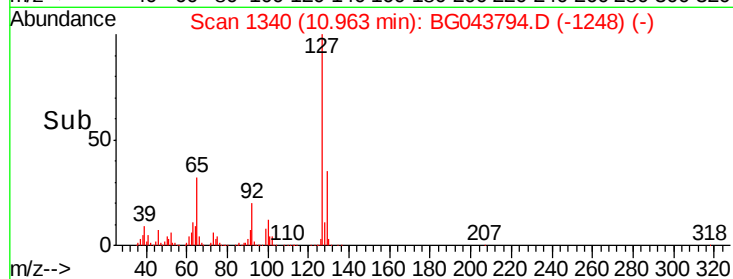
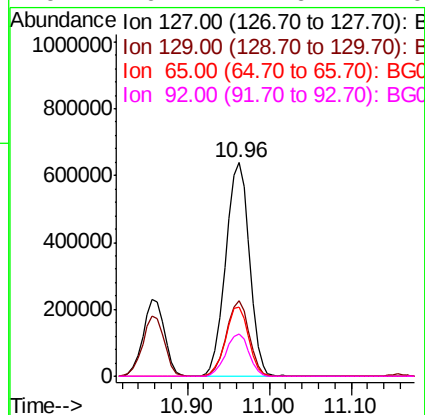
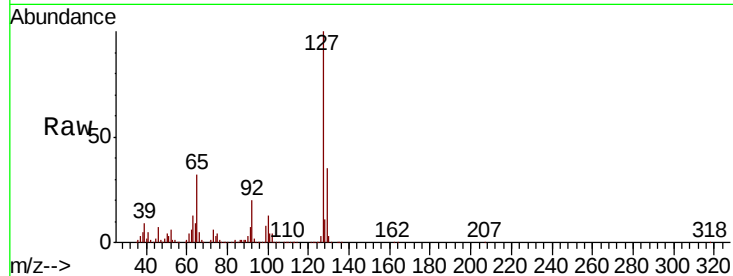
#33
4-Chloroaniline
Concen: 93.616 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.1	39.1
65	32.3	24.4	36.6
92	20.1	14.6	22.0

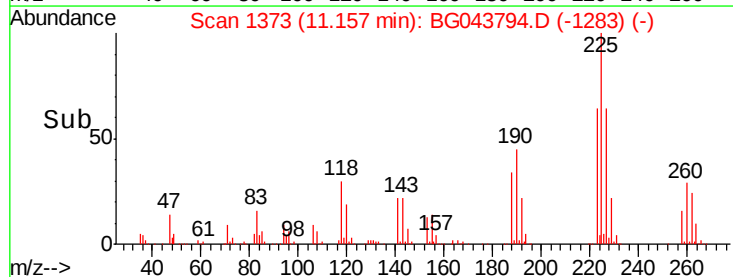
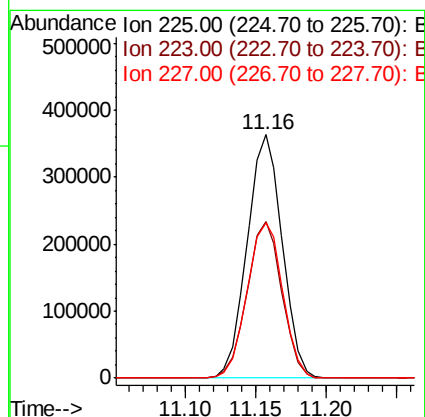
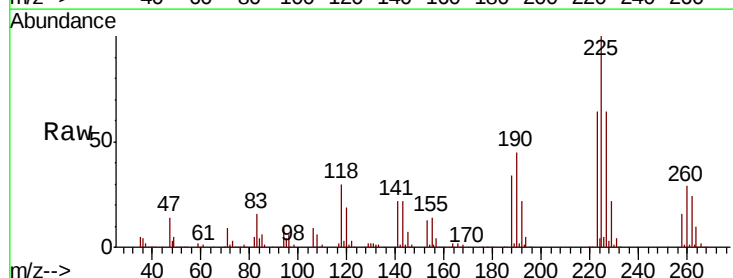
Manual Integrations
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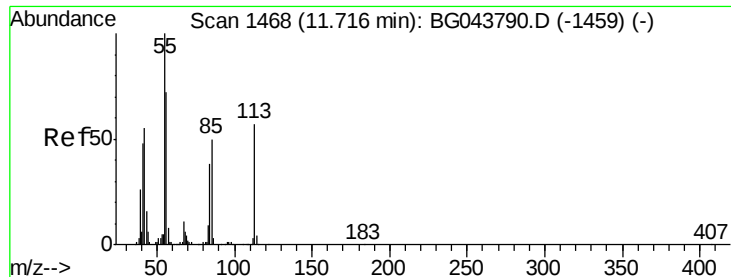
mohammad
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#34
Hexachlorobutadiene
Concen: 88.615 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.3	73.9
227	63.9	50.2	75.2





#35

Caprolactam

Concen: 92.049 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. 0.05 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

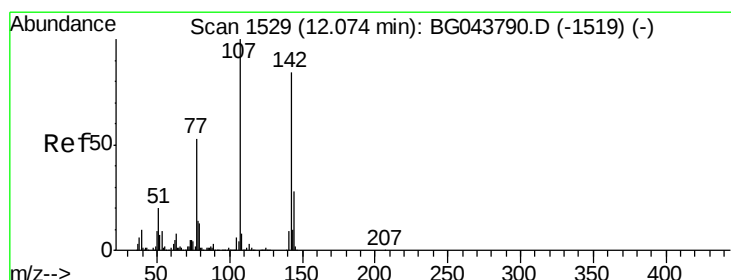
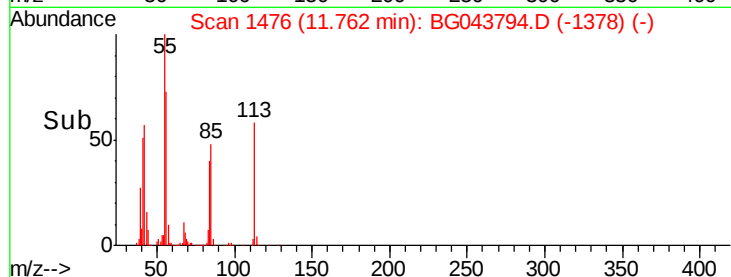
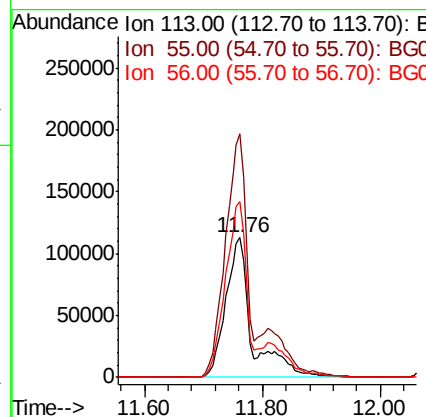
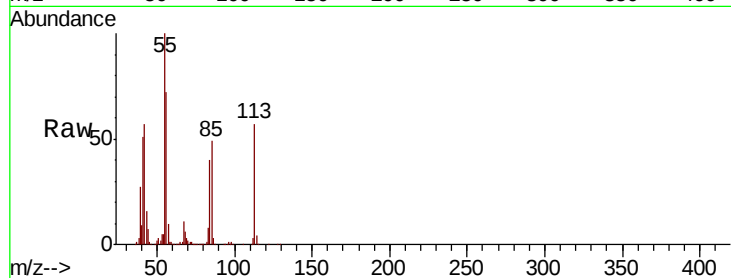
ClientSampleID :

SSTDICC100

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.1	154.2	194.2
56	126.1	105.6	145.6

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#36

4-Chloro-3-methylphenol

Concen: 89.617 ng/mL

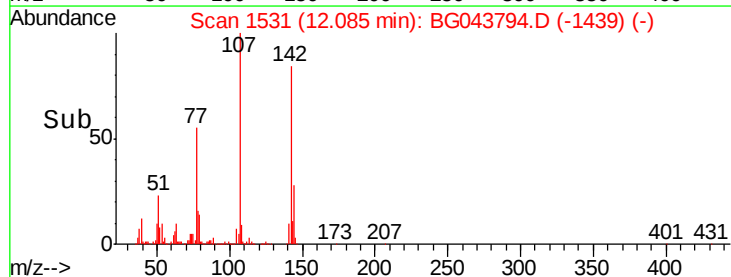
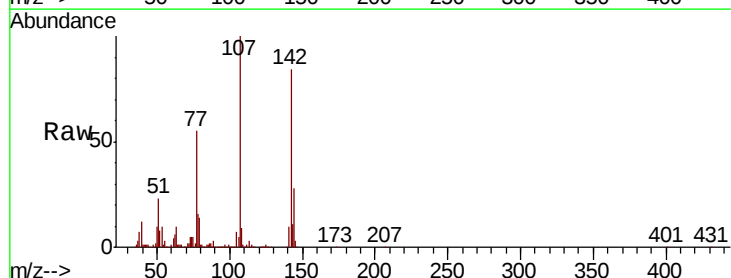
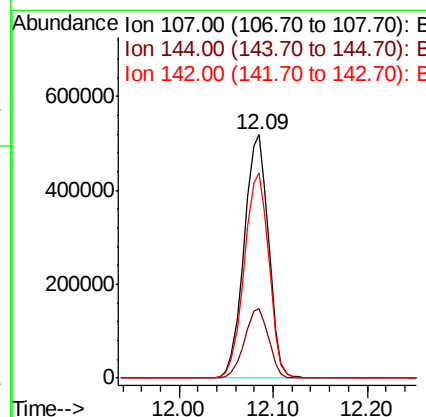
RT: 12.09 min Scan# 1531

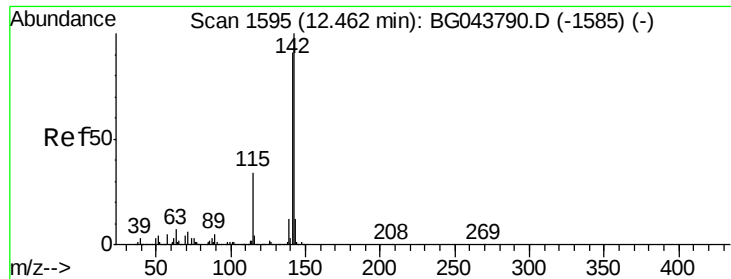
Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.2	33.4
142	84.3	67.0	100.6





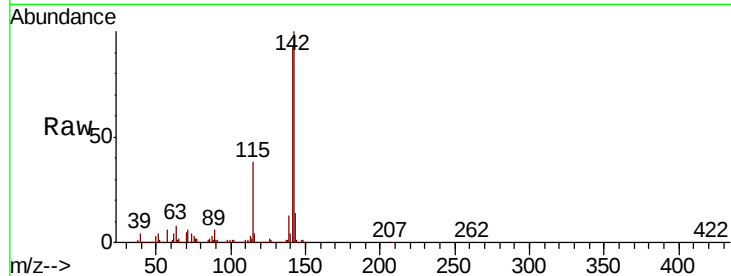
#37
 2-Methylnaphthalene
 Concen: 91.128 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

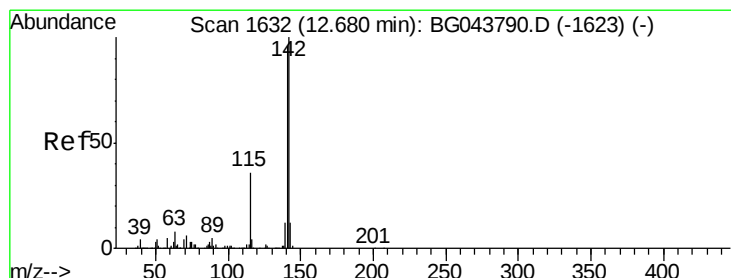
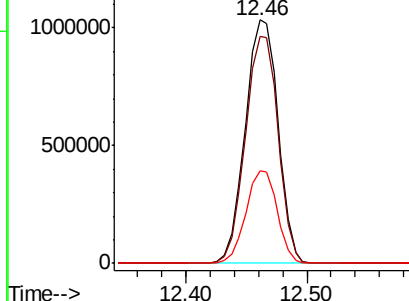
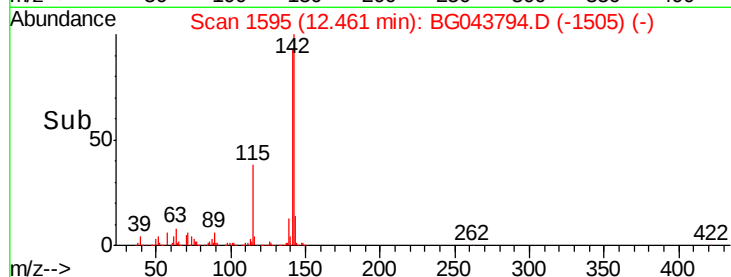
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.2	109.8
115	38.0	27.3	40.9

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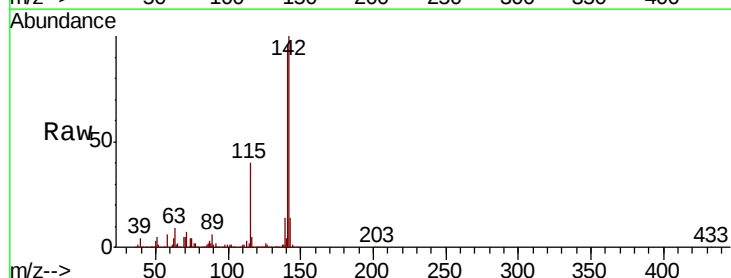


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

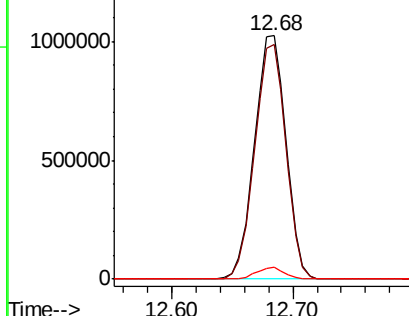
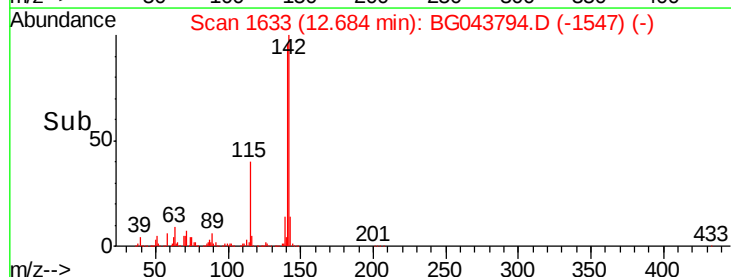


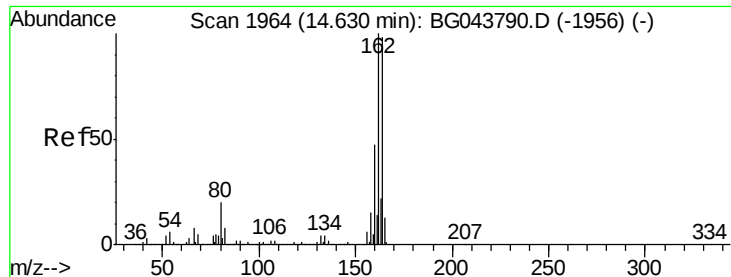
#38
 1-Methylnaphthalene
 Concen: 90.591 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	76.9	115.3
116	4.7	3.2	4.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





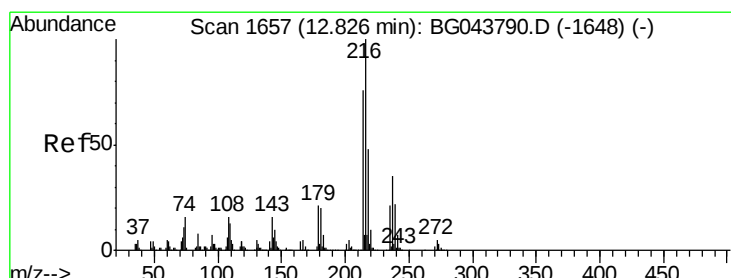
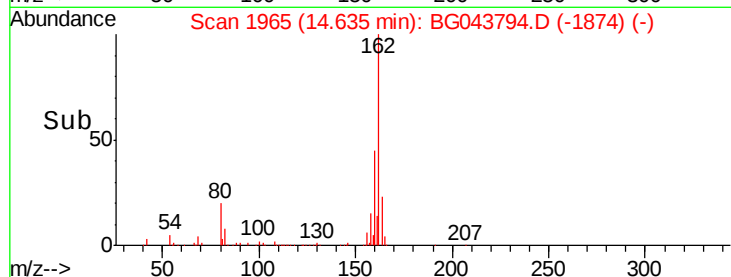
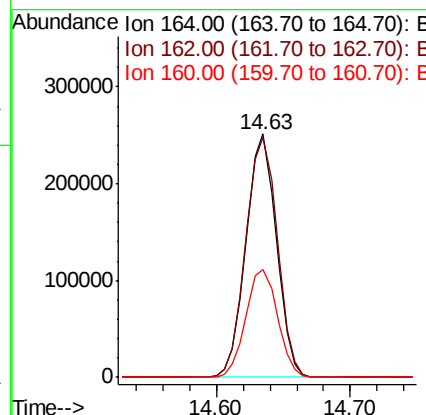
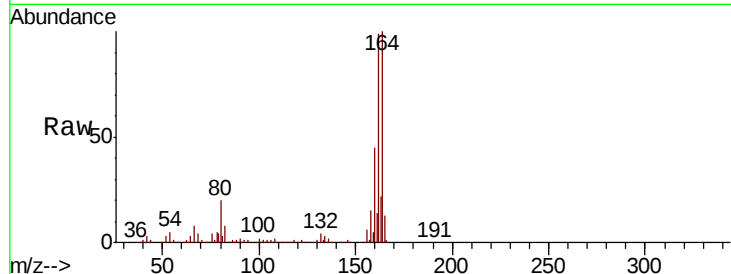
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.9	122.9
160	44.5	38.3	57.5

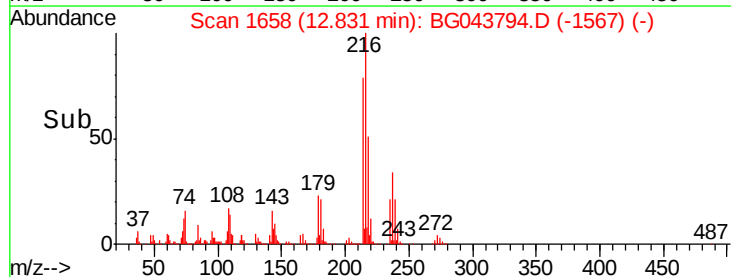
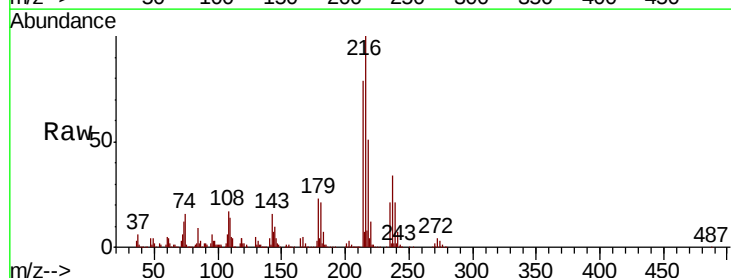
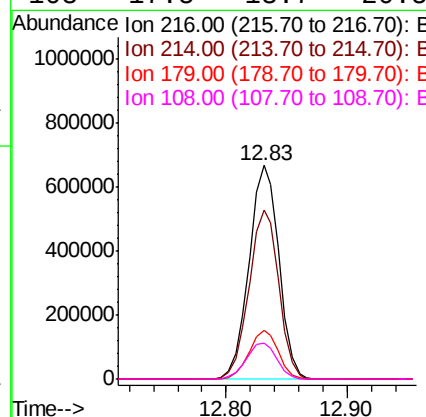
Manual Integrations
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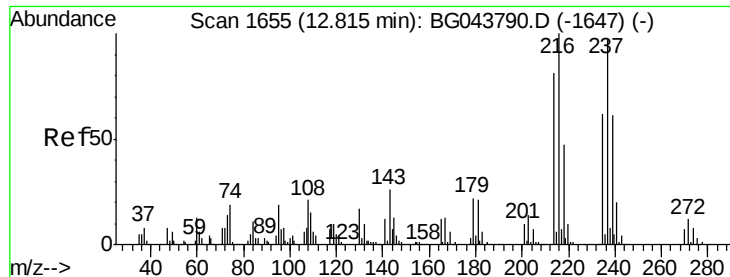
mohammad
12/10/2019 11:51:09 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 91.160 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.2	93.4
179	22.1	16.6	25.0
108	17.5	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 89.246 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

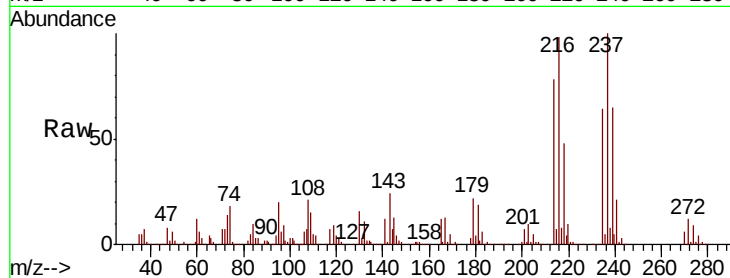
ClientSampleId :

SSTDICC100

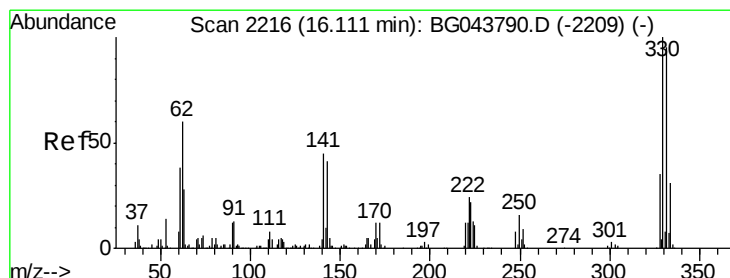
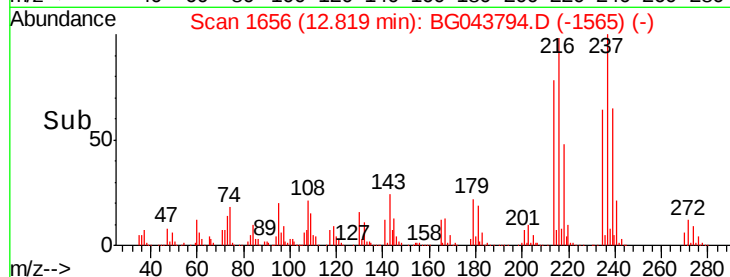
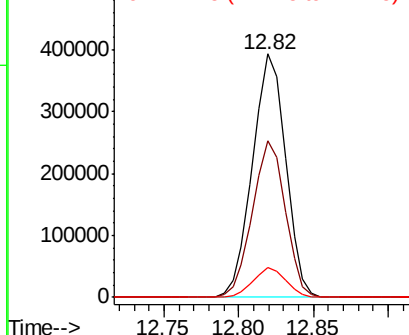
Tot Ion:	237	Resp:	605217
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.9	83.9
272	12.2	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 157.215 ng

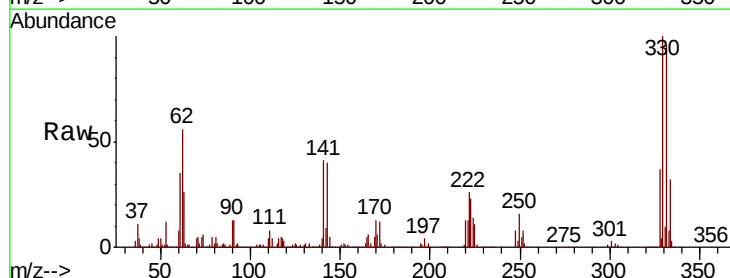
RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

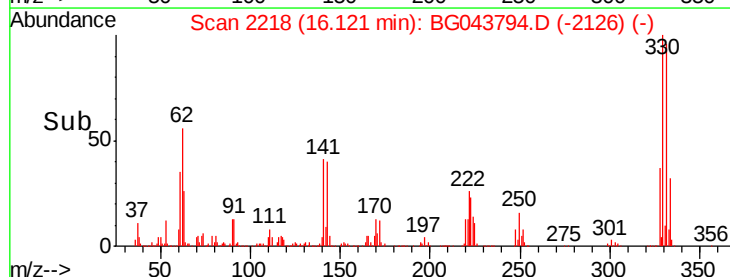
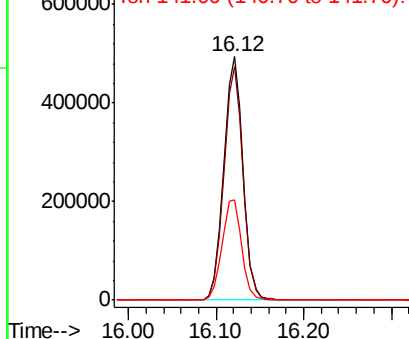
Lab File: BG043794.D

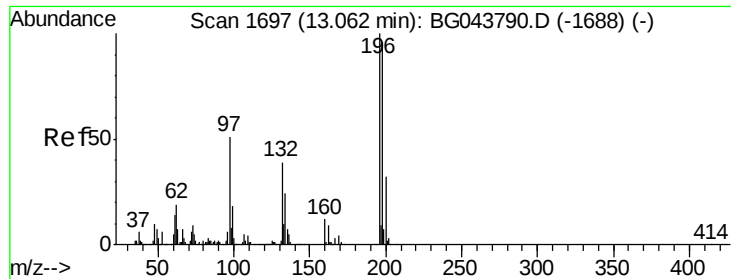
Acq: 9 Dec 2019 16:44

Tgt Ion:	330	Resp:	748006
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.9	115.3
141	42.5	33.8	50.8



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





#43

2,4,6-Trichlorophenol

Concen: 95.164 ng

RT: 13.07 min Scan# 1698

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

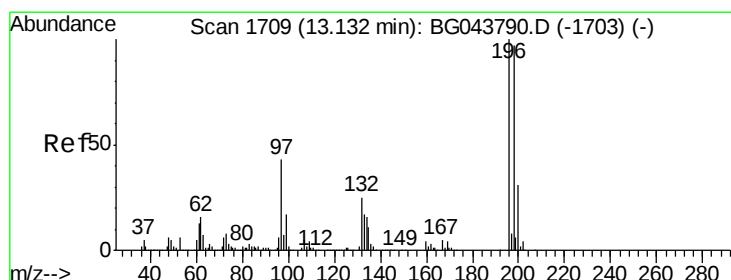
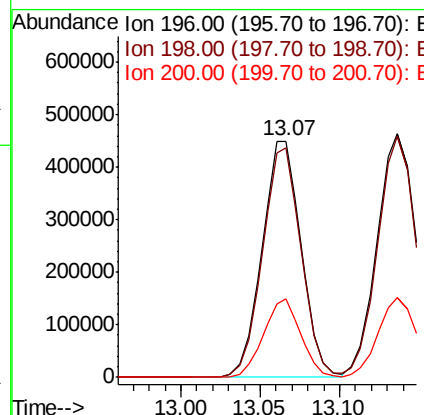
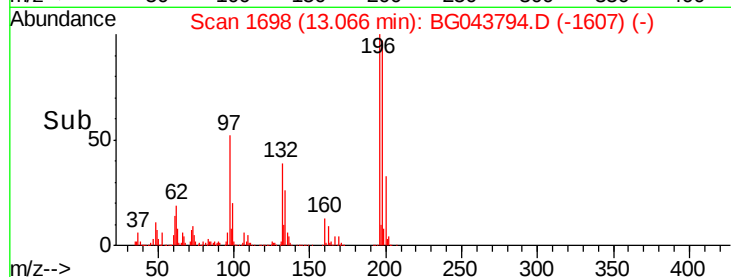
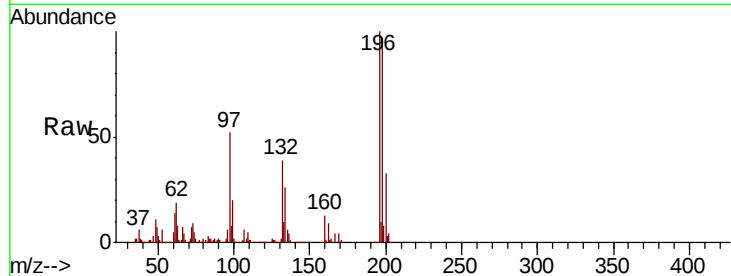
ClientSampleId :

SSTDICC100

Tot Ion:	196	Resp:	768224
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.0	115.6
200	33.4	25.7	38.5

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#44

2,4,5-Trichlorophenol

Concen: 94.986 ng

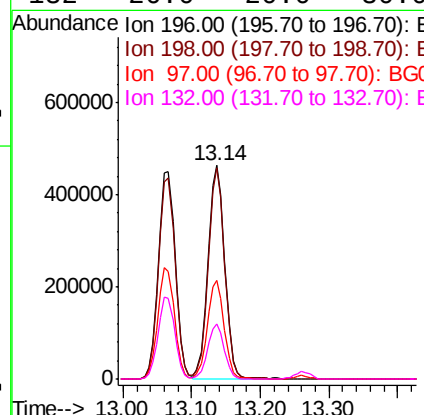
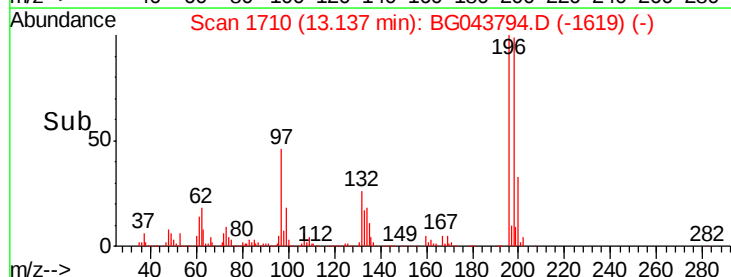
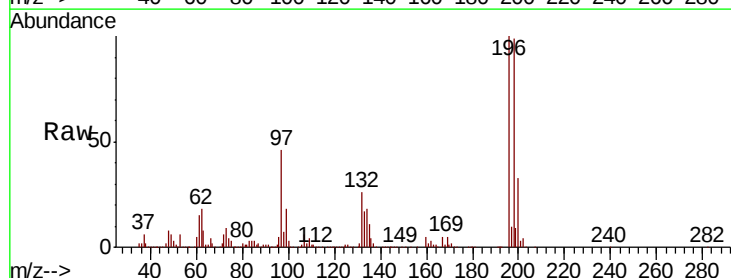
RT: 13.14 min Scan# 1710

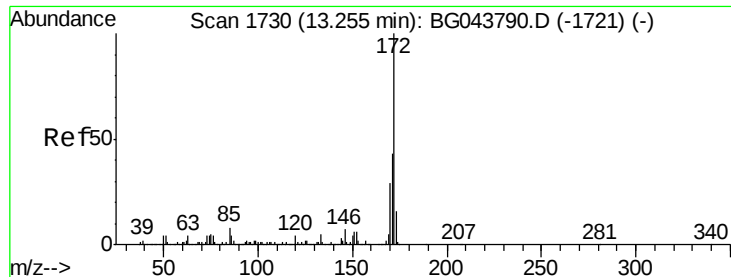
Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	196	Resp:	797703
Ion Ratio	Lower	Upper	
196	100		
198	99.0	77.4	116.0
97	46.2	34.7	52.1
132	26.0	20.0	30.0





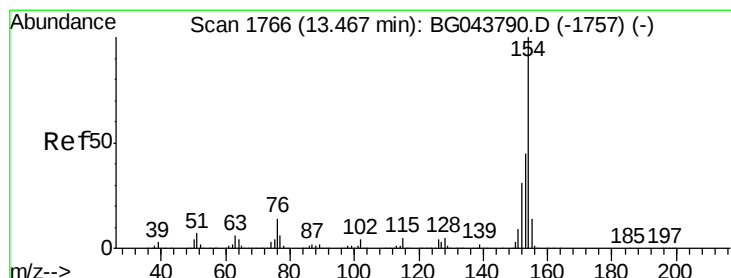
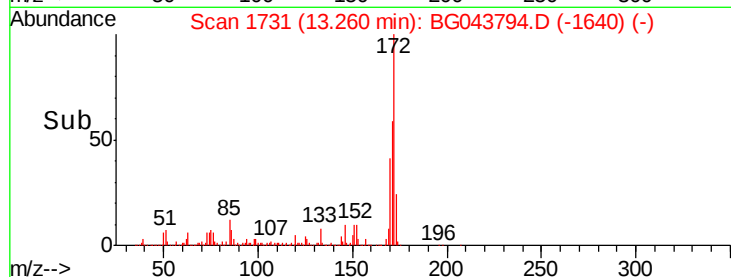
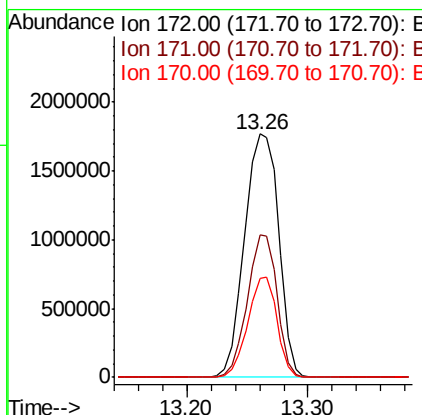
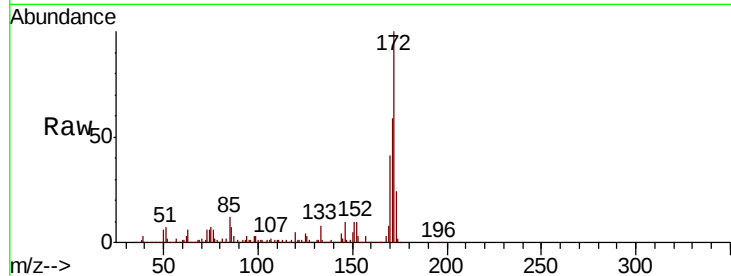
#45
2-Fluorobiphenyl
Concen: 144.999 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
172	100		
171	58.6	34.6	51.8#
170	40.8	23.3	34.9#

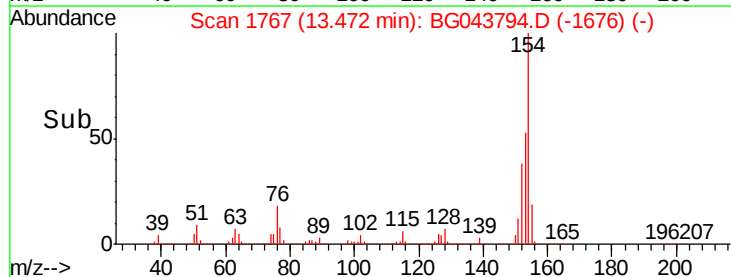
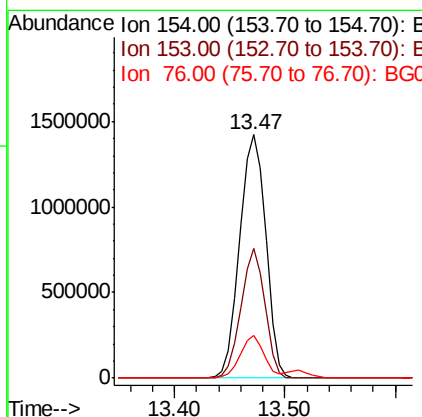
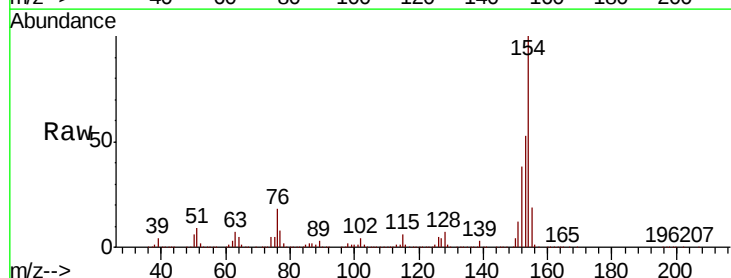
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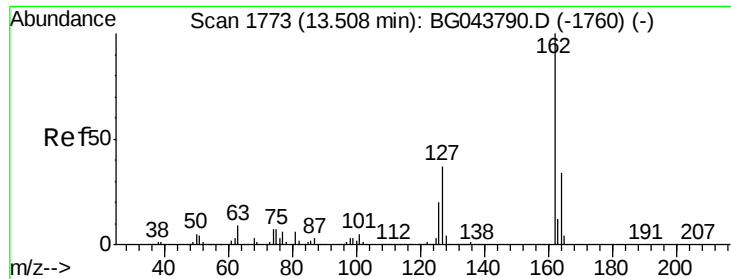
mohammad
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#46
1,1'-Biphenyl
Concen: 86.902 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	53.3	24.5	64.5
76	17.6	0.0	33.9





#47

2-Chloronaphthalene

Concen: 89.389 ng

RT: 13.51 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

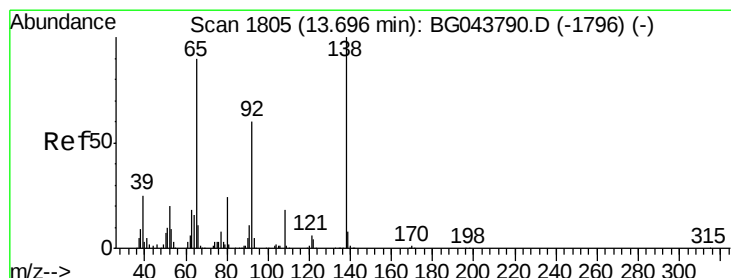
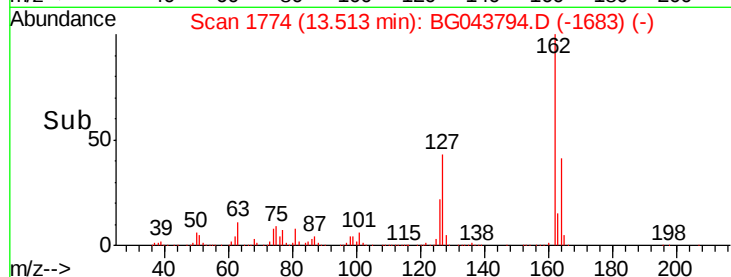
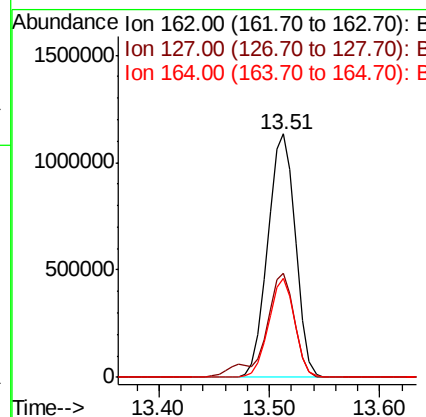
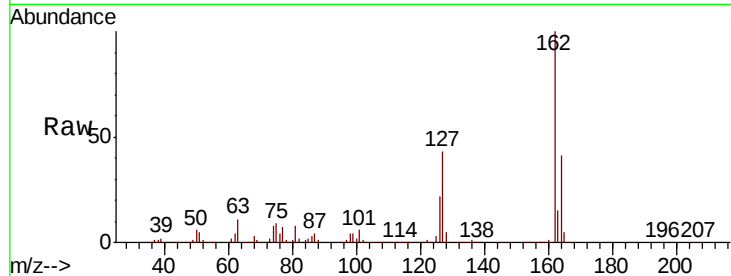
ClientSampleId :

SSTDIC100

Tot Ion:	162	Resp:	1993212
Ion	Ratio	Lower	Upper
162	100		
127	42.6	30.0	45.0
164	40.8	27.6	41.4

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#48

2-Nitroaniline

Concen: 106.853 ng

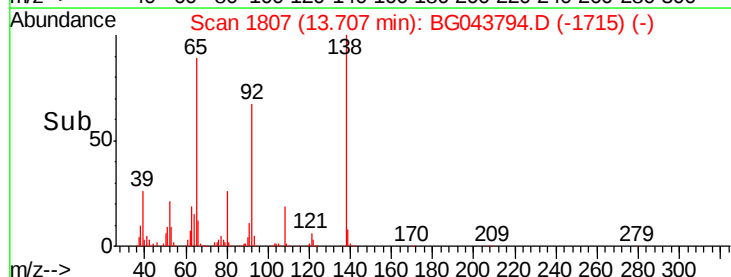
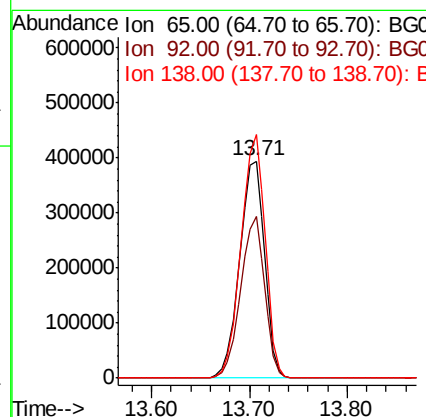
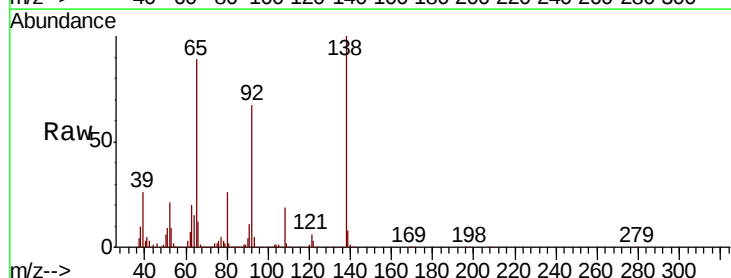
RT: 13.71 min Scan# 1807

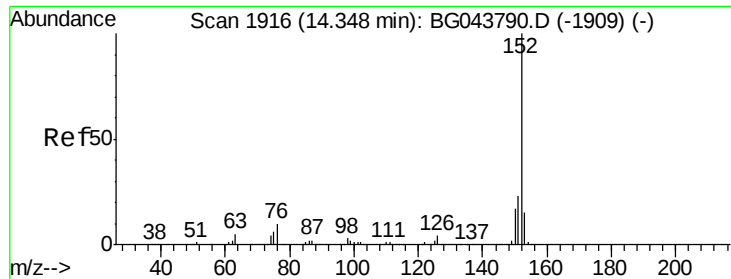
Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	65	Resp:	697539
Ion	Ratio	Lower	Upper
65	100		
92	74.7	53.7	80.5
138	112.1	88.8	133.2





#49

Acenaphthylene

Concen: 79.843 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:152 Resp: 2801041

Ion Ratio Lower Upper

152 100

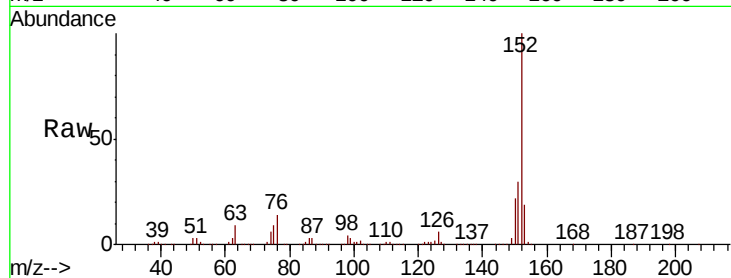
151 30.5 18.5 27.7#

153 18.7 11.8 17.8#

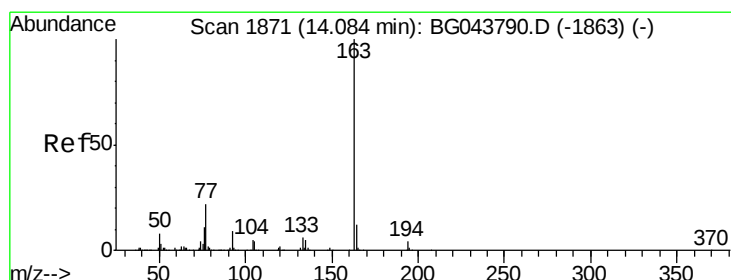
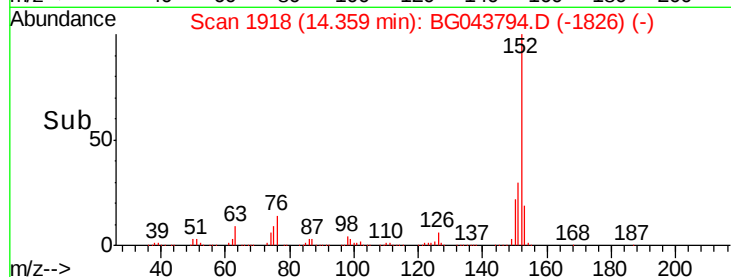
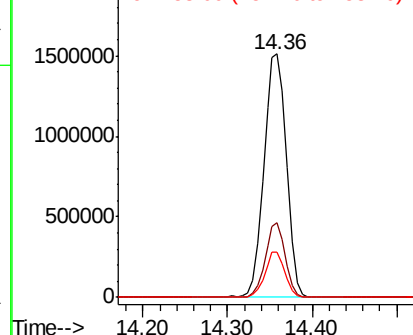
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 76.824 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

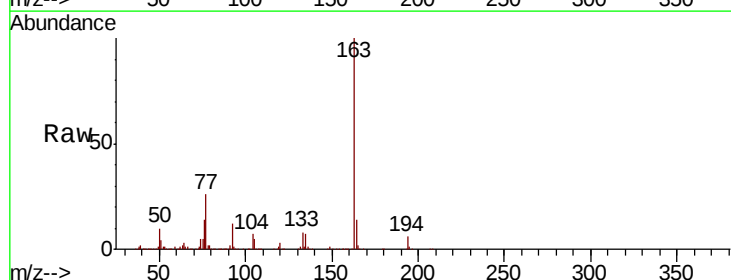
Tgt Ion:163 Resp: 2400595

Ion Ratio Lower Upper

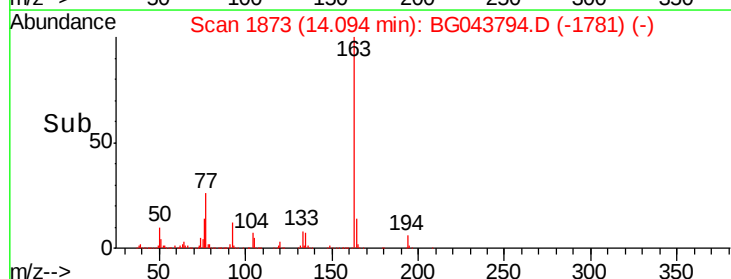
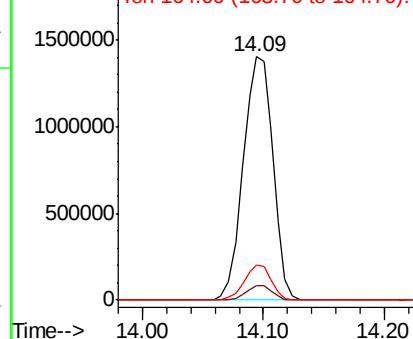
163 100

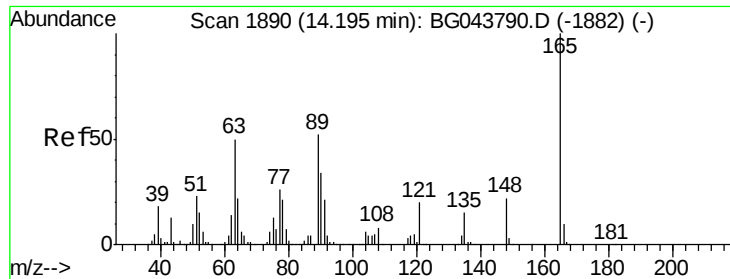
194 5.8 3.6 5.4#

164 14.5 9.4 14.0#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





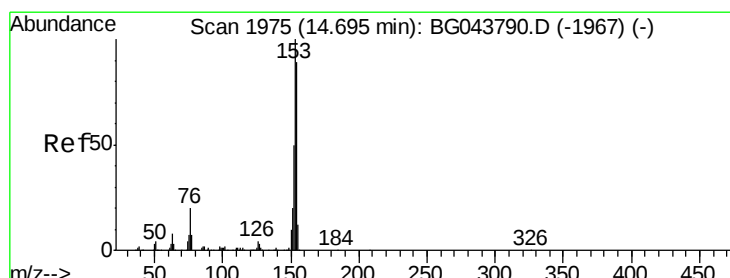
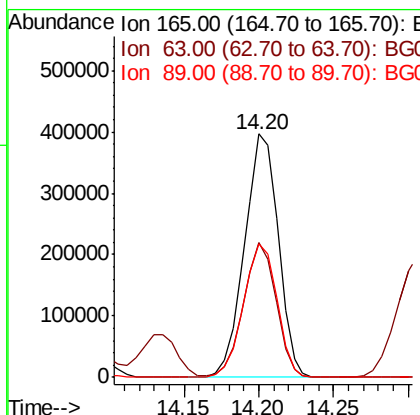
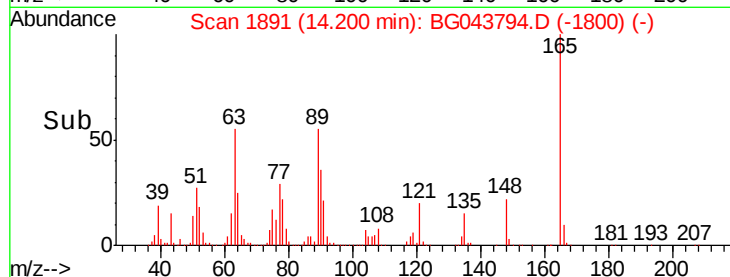
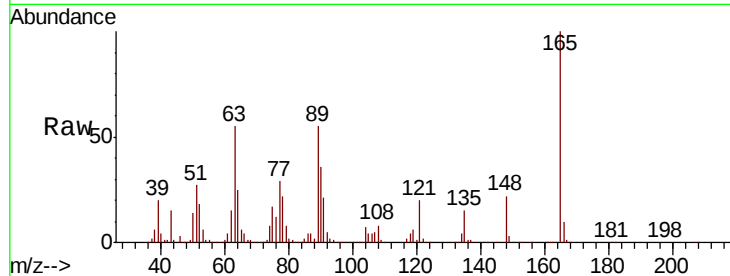
#51
 2,6-Dinitrotoluene
 Concen: 106.810 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	40.3	60.5
89	54.6	41.8	62.8

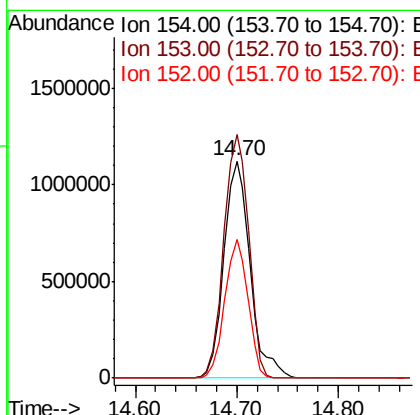
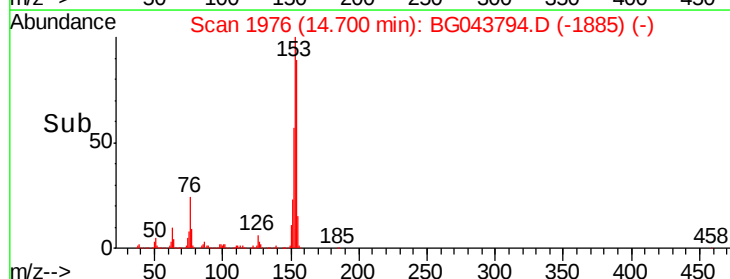
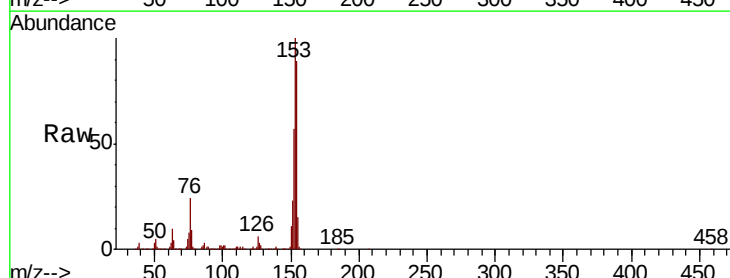
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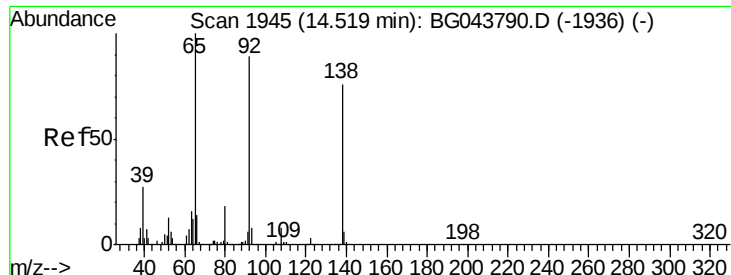
mohammad
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#52
 Acenaphthene
 Concen: 89.750 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	63.7	45.0	67.4





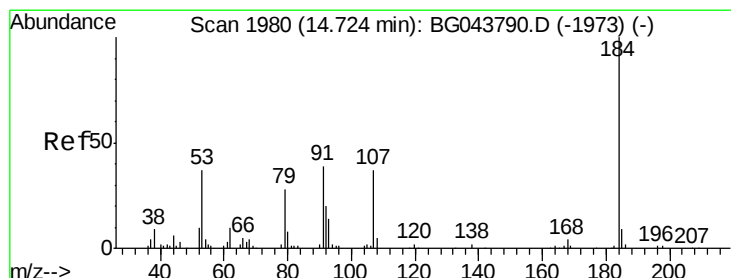
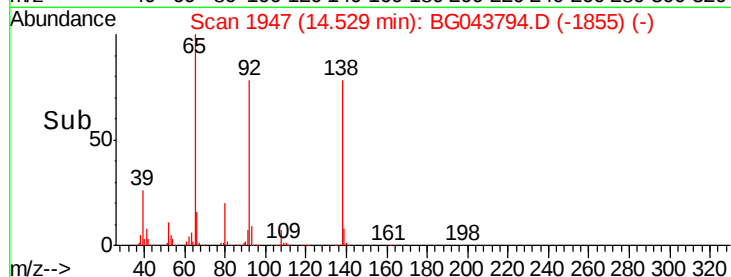
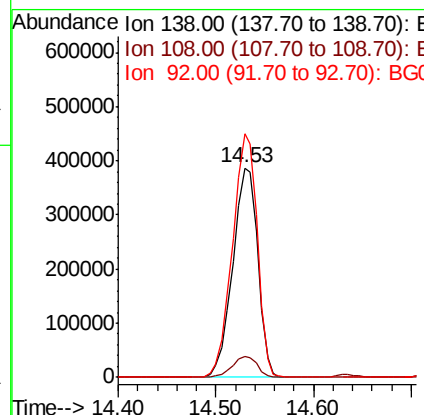
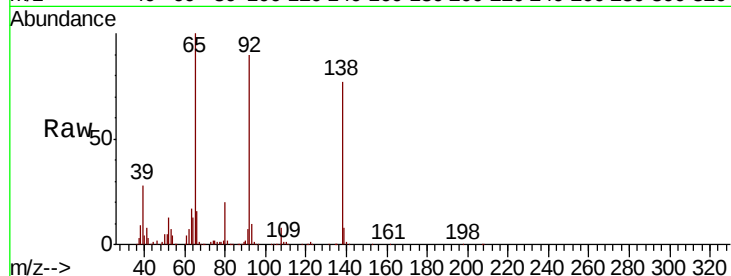
#53
3-Nitroaniline
Concen: 101.270 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	116.4	94.6	141.8

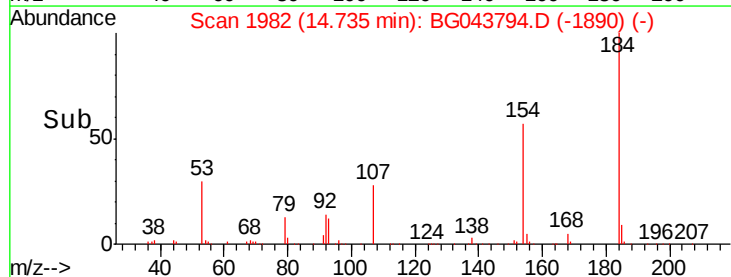
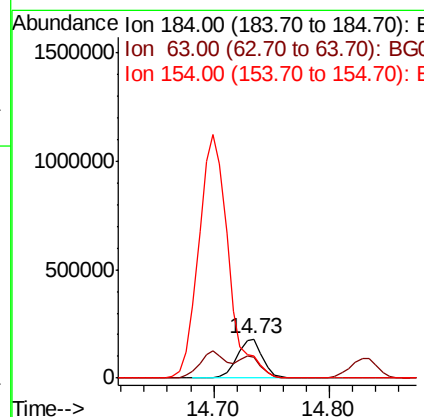
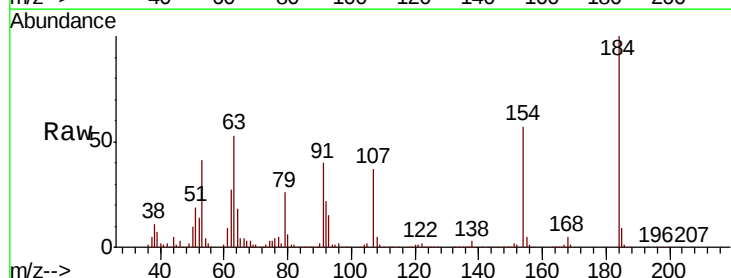
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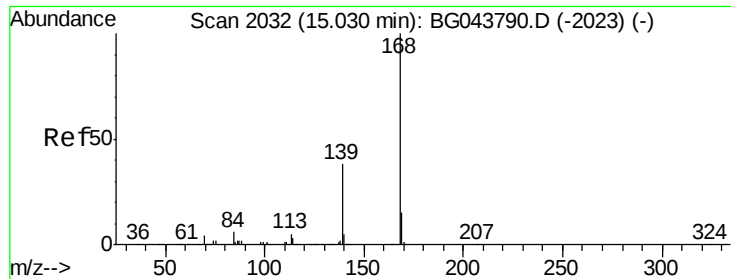
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#54
2,4-Dinitrophenol
Concen: 114.342 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	43.4	65.0
154	56.7	54.8	82.2





#55

Dibenzenofuran

Concen: 76.210 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:168 Resp: 2663631

Ion Ratio Lower Upper

168 100

139 46.4 30.4 45.6#

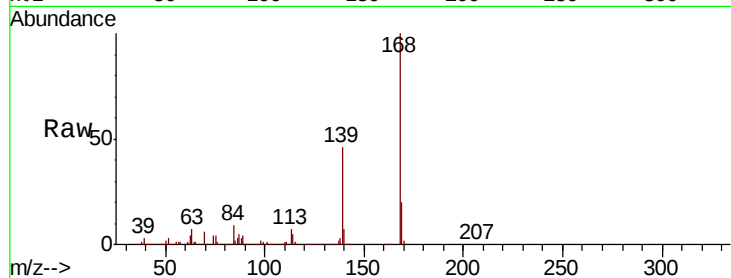
169 20.1 12.0 18.0#

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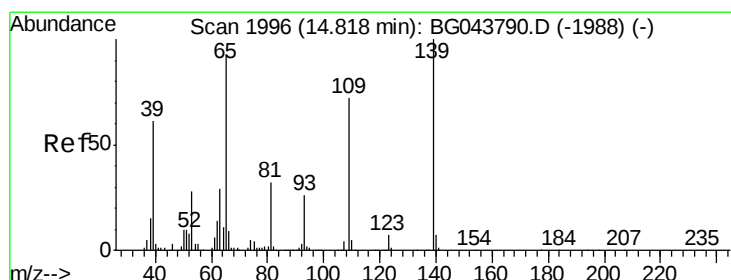
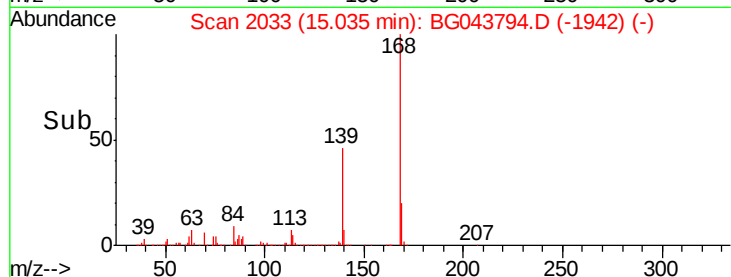
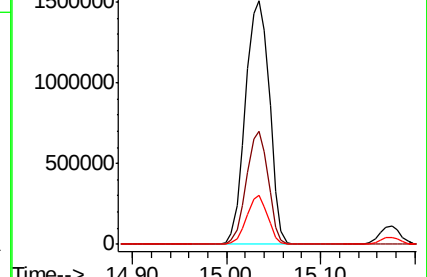
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.498 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.02 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

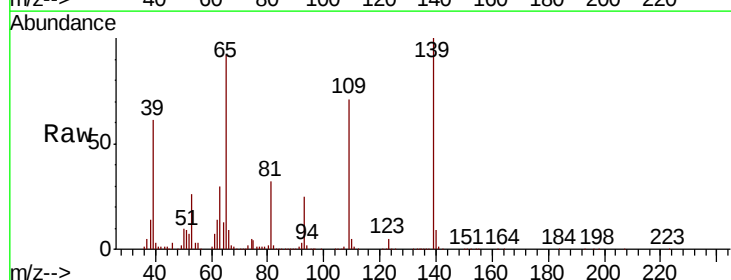
Tgt Ion:139 Resp: 528093

Ion Ratio Lower Upper

139 100

109 70.9 51.5 91.5

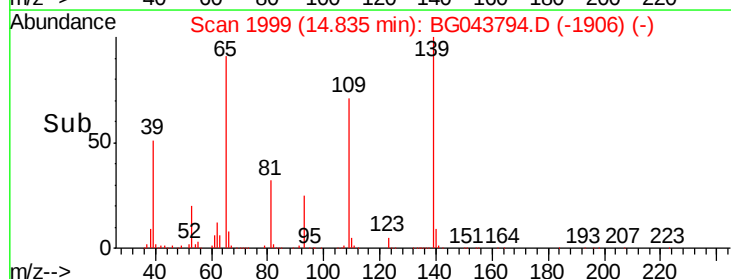
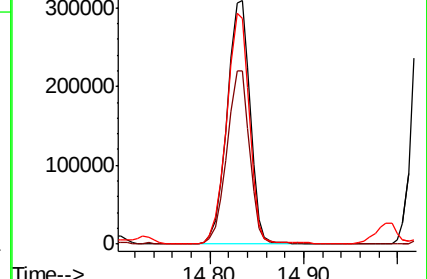
65 92.5 73.7 113.7

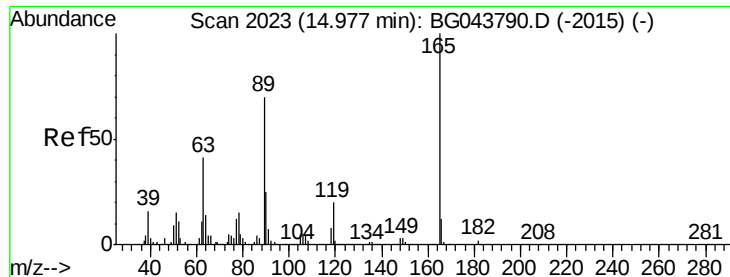


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





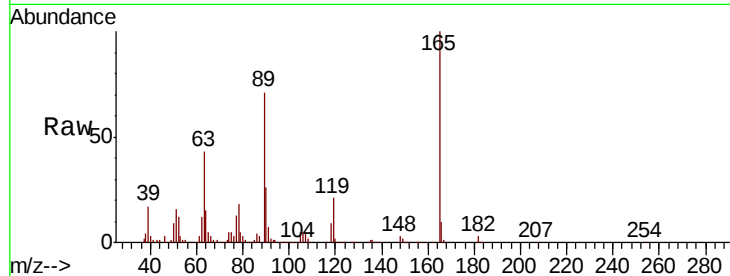
#57
2,4-Dinitrotoluene
Concen: 105.052 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
165	100	845430		
63	42.9		32.7	49.1
89	71.0		56.1	84.1
182	2.7		2.0	3.0

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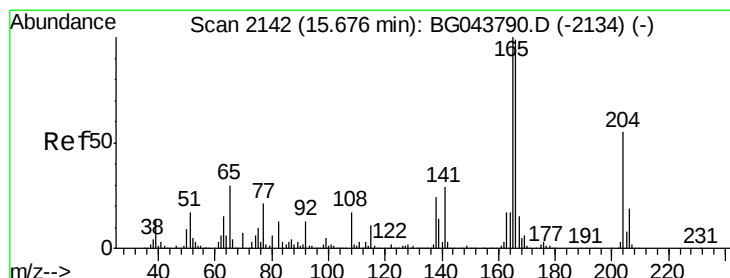
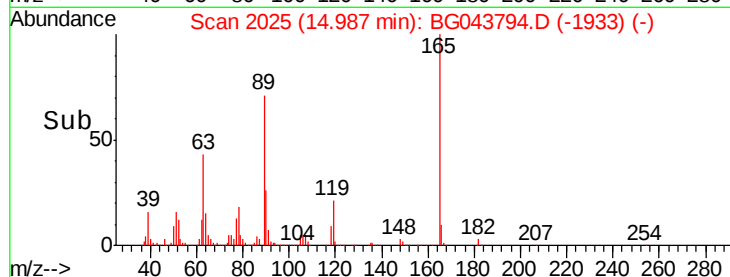
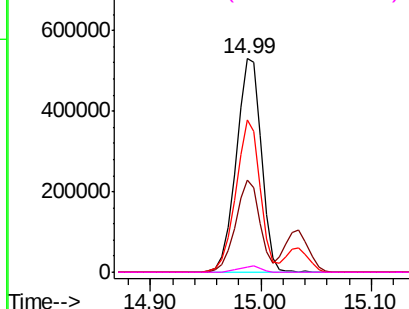
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 77.231 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

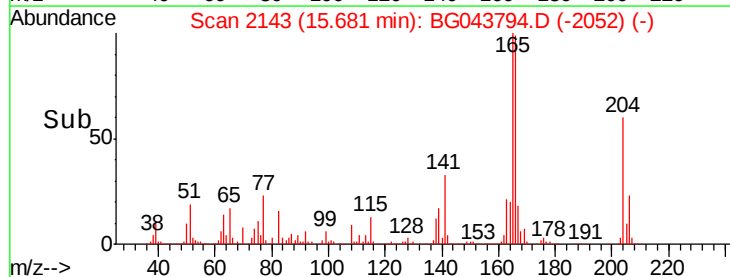
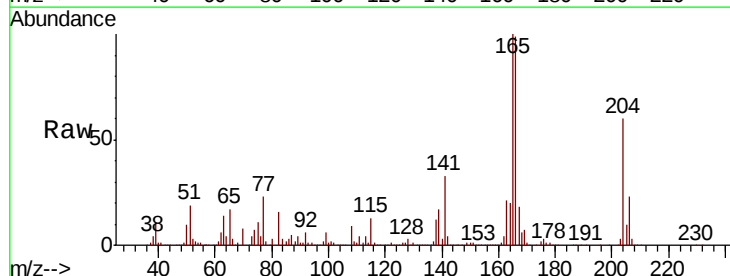
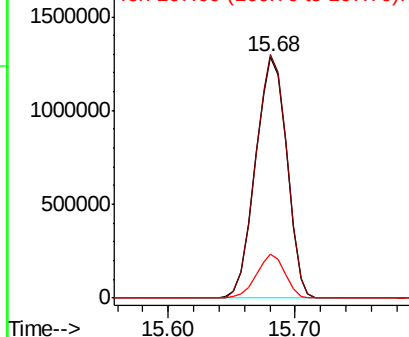
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2213630		
165	100.9		80.5	120.7
167	18.2		12.1	18.1#

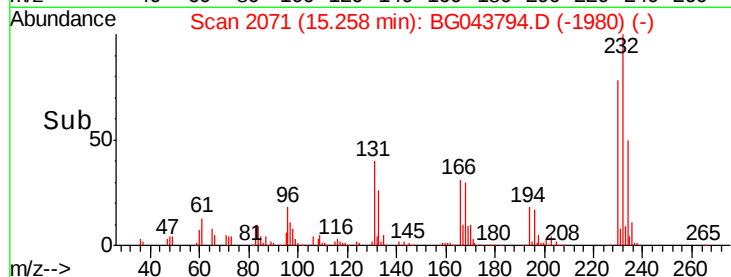
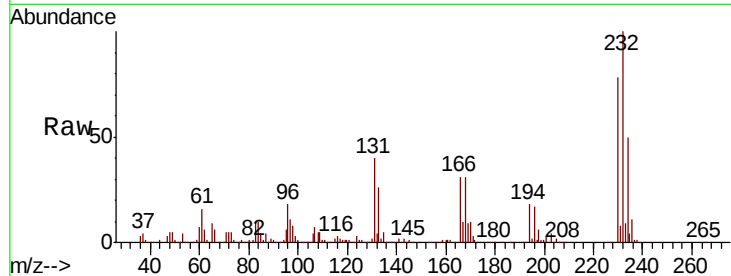
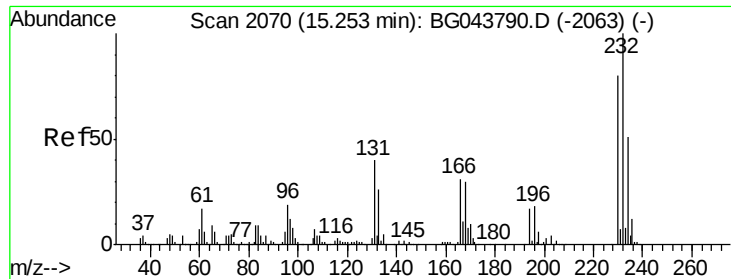
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





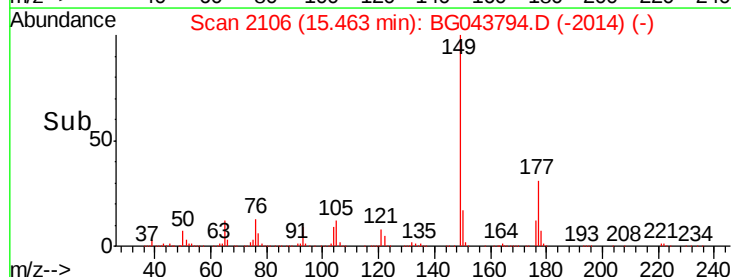
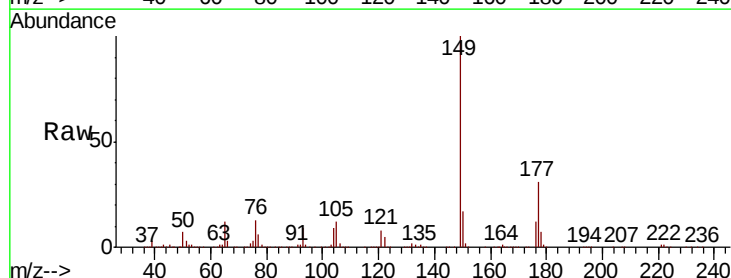
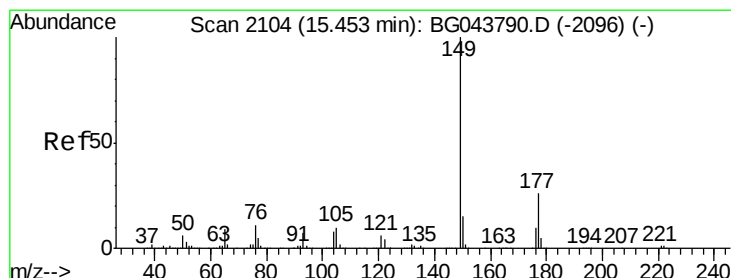
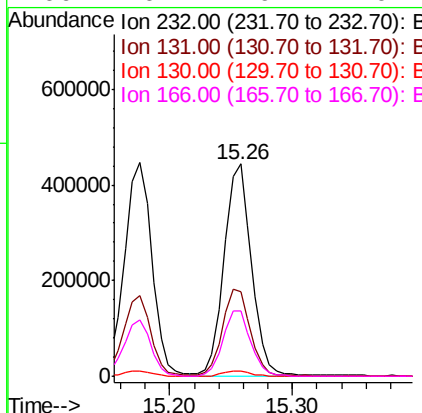
#59
2,3,4,6-Tetrachlorophenol
Concen: 82.047 ng m
RT: 15.26 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	27.9	41.9
130	2.5	1.8	2.8
166	26.1	19.4	29.2

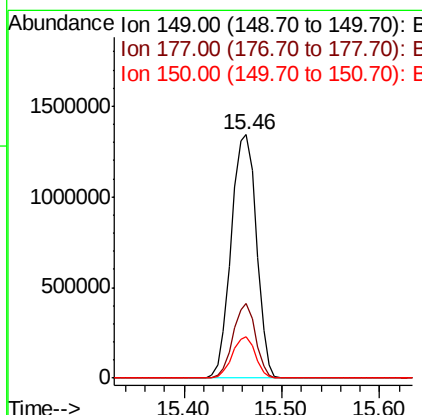
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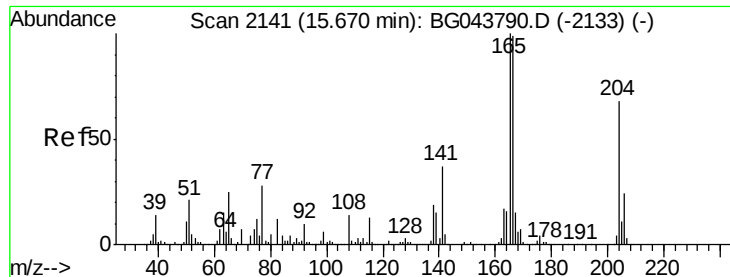
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#60
Diethylphthalate
Concen: 73.485 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	30.6	20.4	30.6#
150	17.2	11.6	17.4





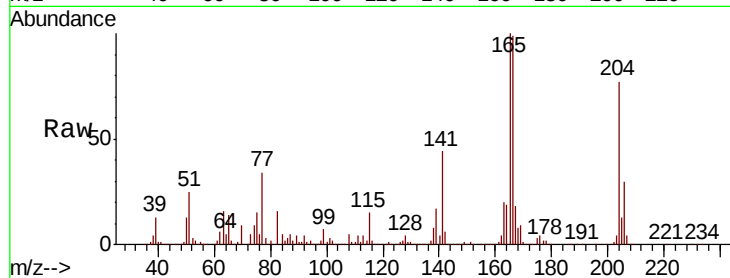
#61
4-Chlorophenyl-phenylether
Concen: 84.343 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

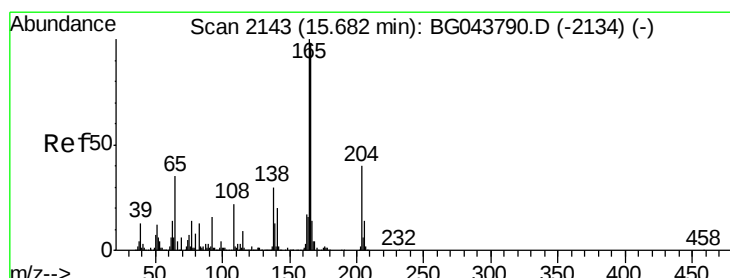
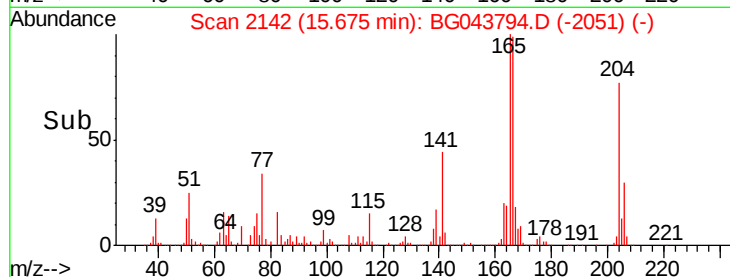
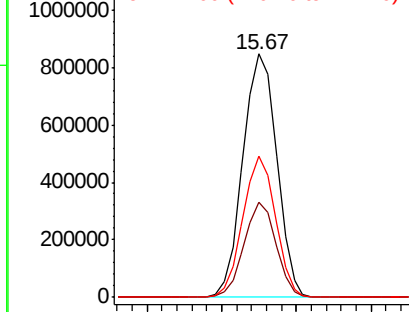
Tot Ion:204 Resp: 1331013
Ion Ratio Lower Upper
204 100
206 39.0 28.1 42.1
141 57.8 44.1 66.1

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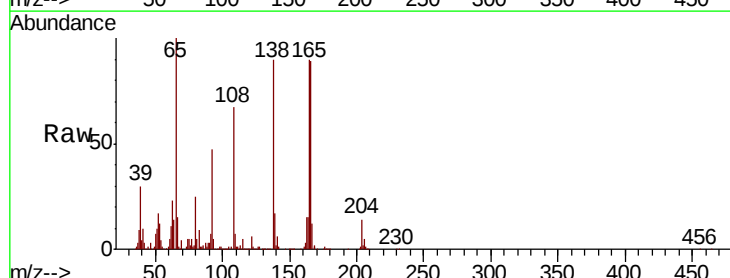


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

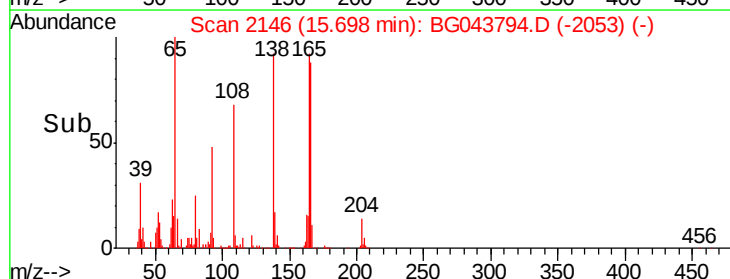
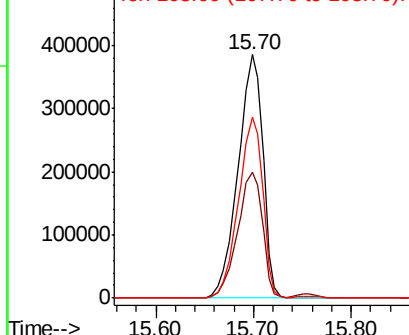


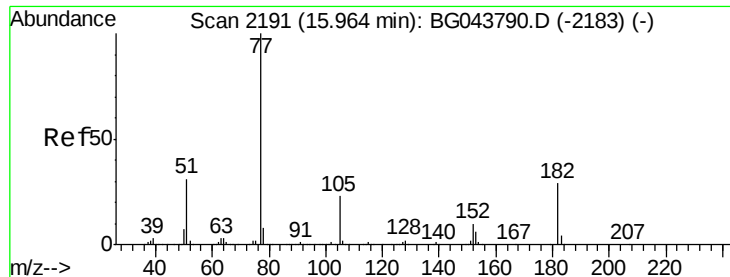
#62
4-Nitroaniline
Concen: 88.114 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:138 Resp: 684845
Ion Ratio Lower Upper
138 100
92 51.8 31.5 71.5
108 74.4 53.1 93.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 75.044 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion: 77 Resp: 2207130

Ion Ratio Lower Upper

77 100

182 33.8 9.0 49.0

105 27.1 2.9 42.9

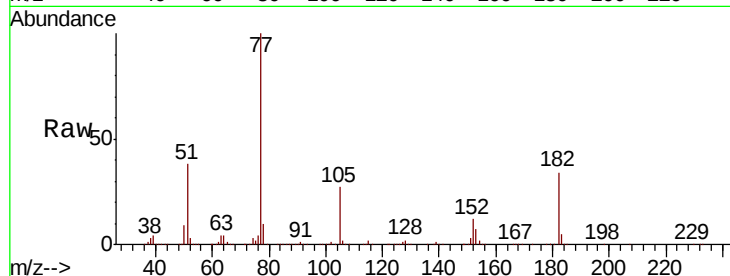
51 37.7 10.6 50.6

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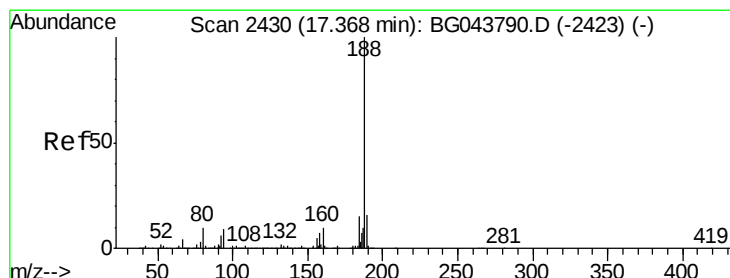
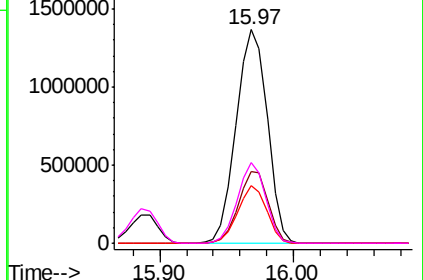
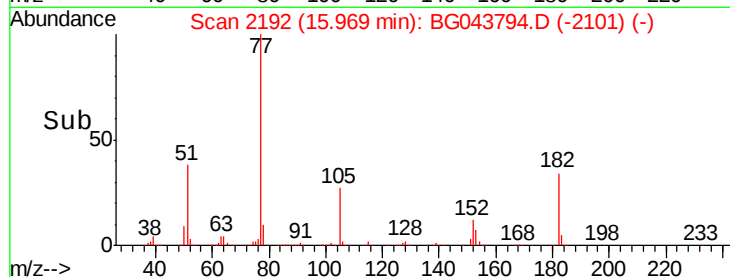


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

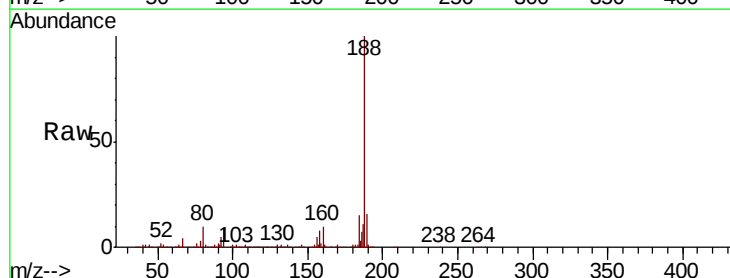
Tgt Ion: 188 Resp: 828084

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

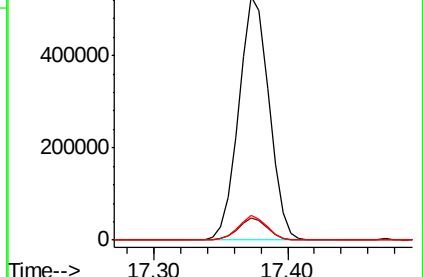
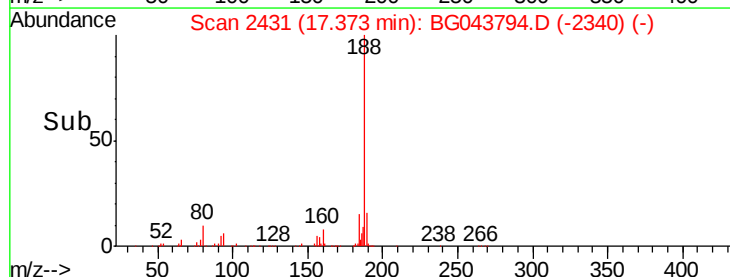
80 10.0 7.8 11.8

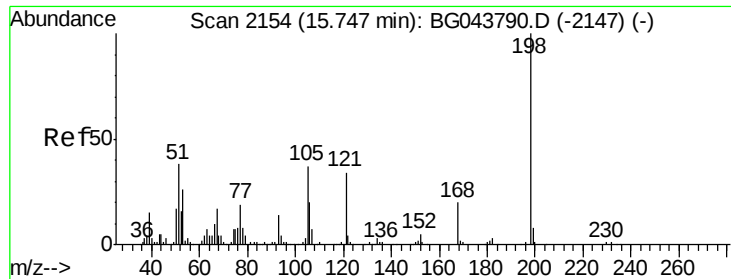


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 132.635 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

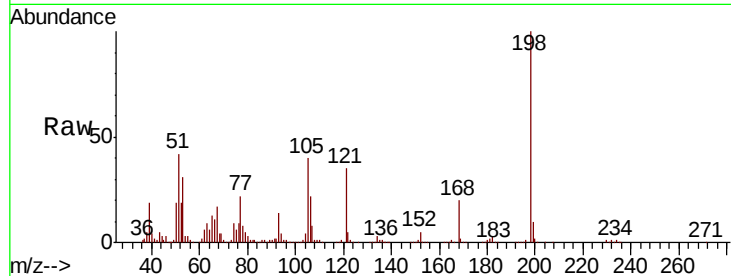
ClientSampleId :

SSTDICC100

Tot Ion:	198	Resp:	372701
Ion Ratio	Lower	Upper	
198	100		
51	41.7	18.9	58.9
105	39.9	18.1	58.1

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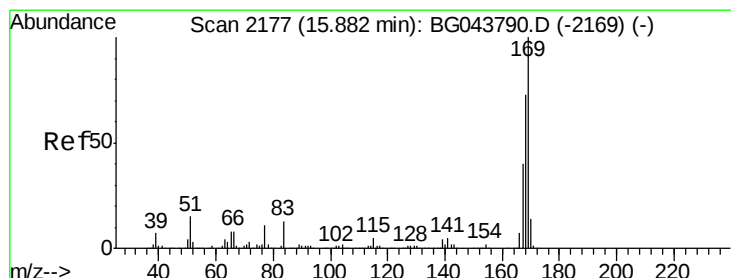
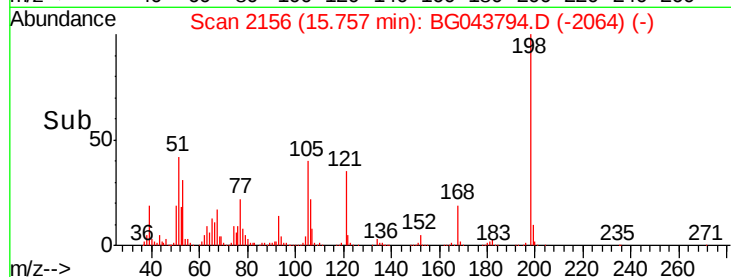
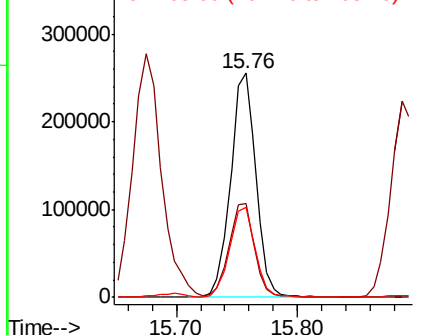
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 94.826 ng

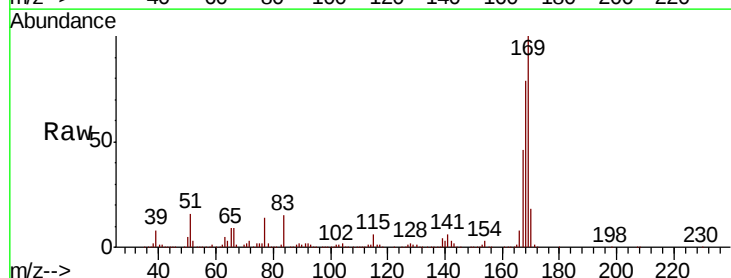
RT: 15.89 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

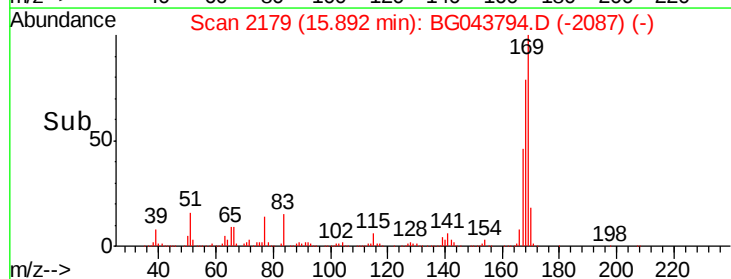
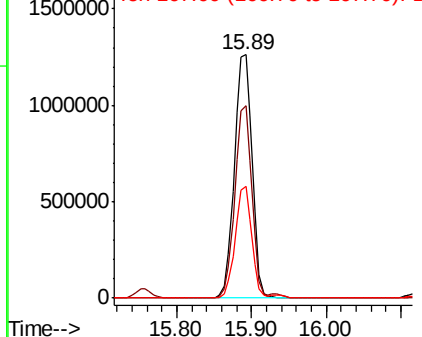
Tgt Ion:	169	Resp:	2079047
Ion Ratio	Lower	Upper	
169	100		
168	78.8	58.5	87.7
167	46.1	32.1	48.1

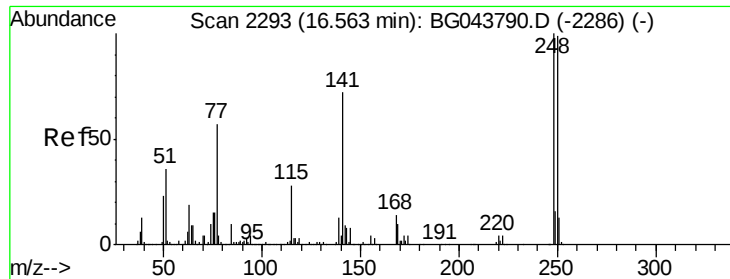


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





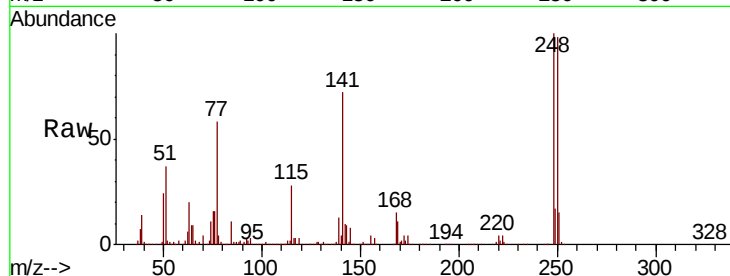
#67
4-Bromophenyl-phenylether
Concen: 99.125 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	71.7	57.8	86.6

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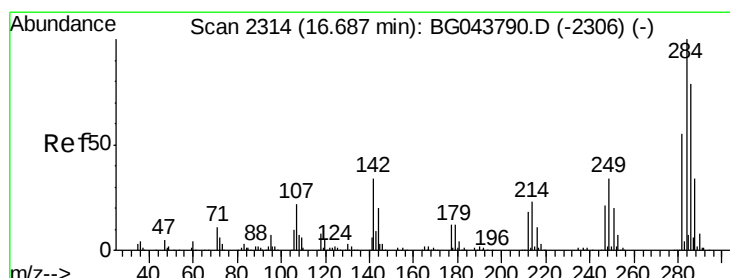
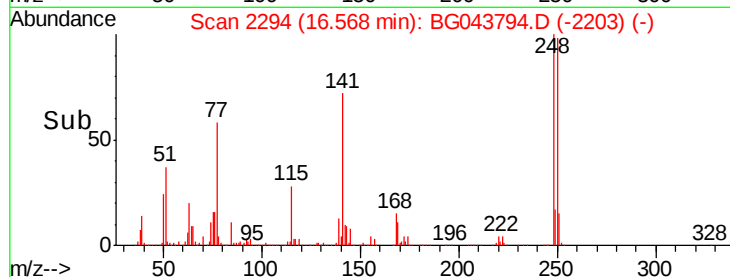
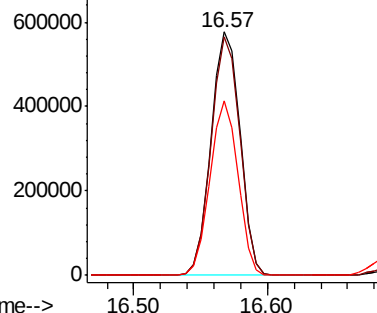


Abundance

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: 94.411 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

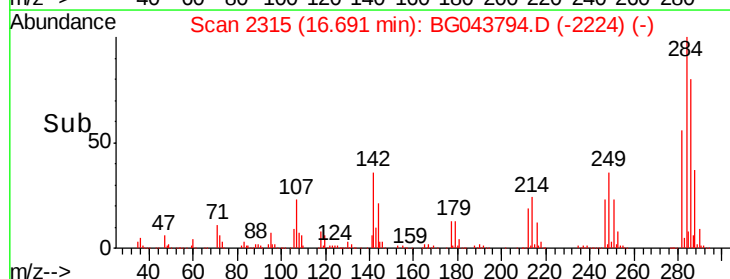
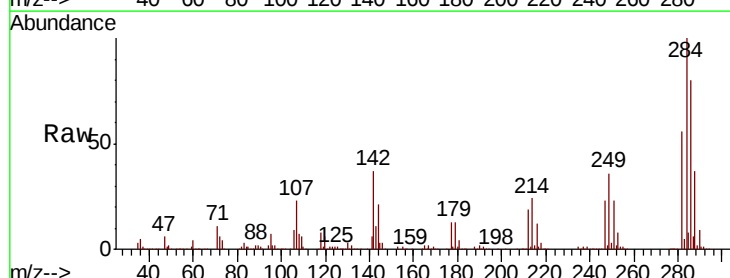
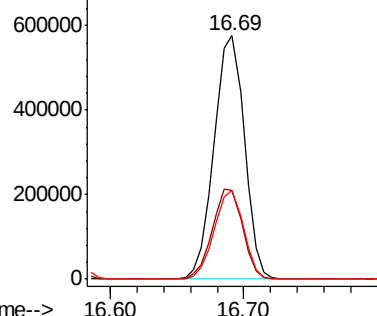
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	27.0	40.6
249	36.4	27.2	40.8

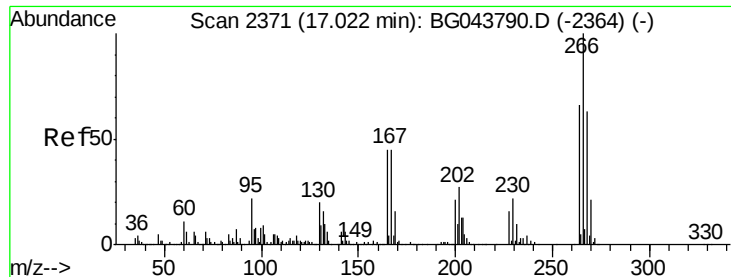
Abundance

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





#70

Pentachlorophenol

Concen: 87.262 ng

RT: 17.03 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

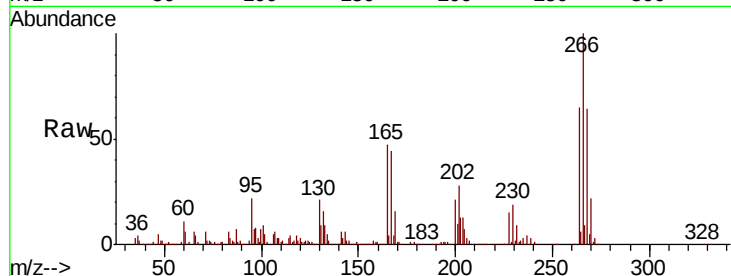
ClientSampleId :

SSTDICC100

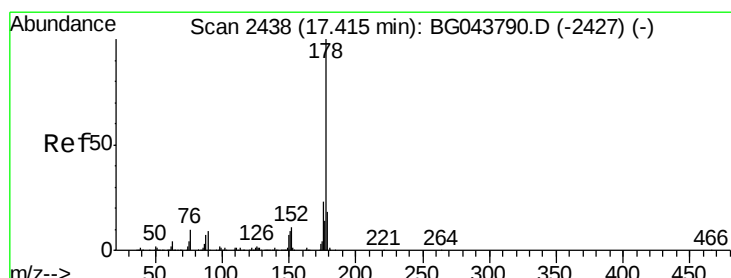
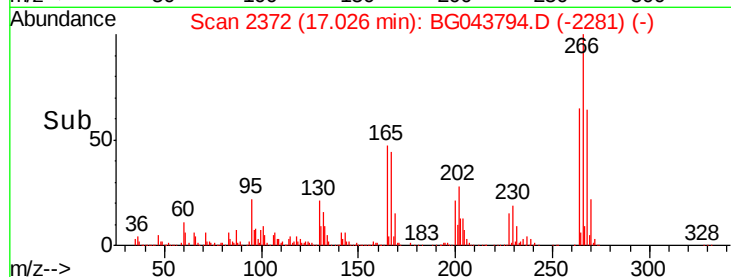
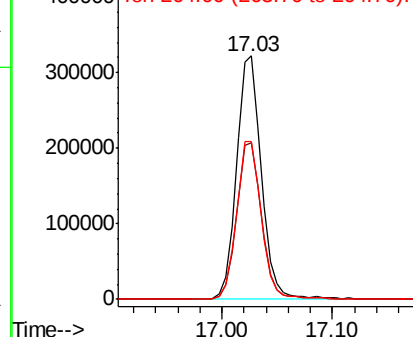
Tot Ion:	266	Resp:	508334
Ion Ratio	Lower	Upper	
266	100		
268	64.4	50.8	76.2
264	65.1	53.0	79.4

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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: 77.252 ng

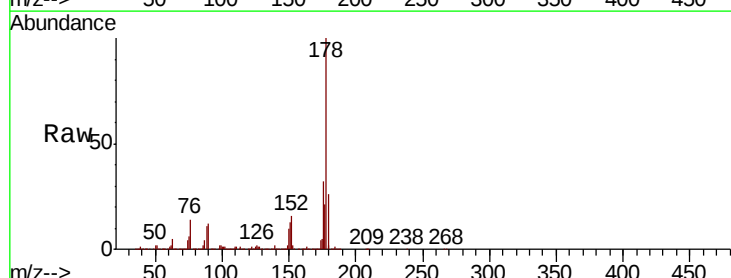
RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

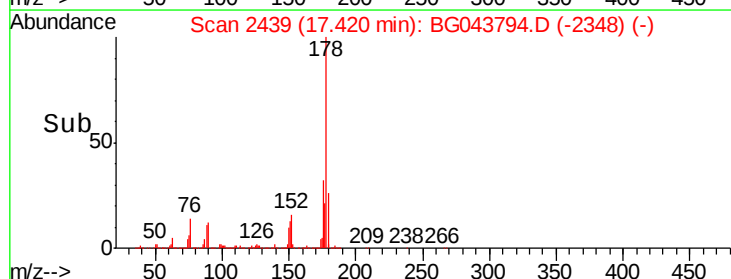
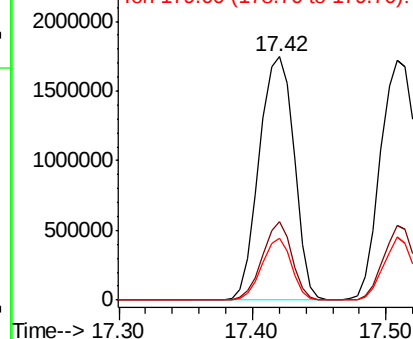
Lab File: BG043794.D

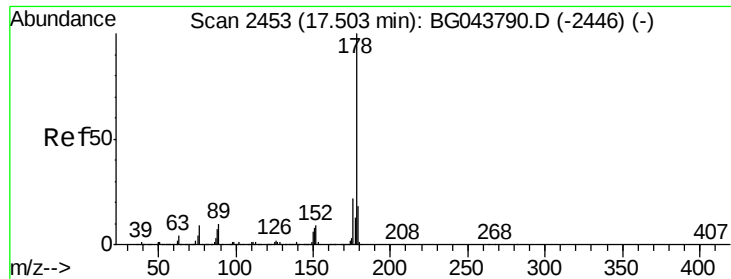
Acq: 9 Dec 2019 16:44

Tgt Ion:	178	Resp:	3165342
Ion Ratio	Lower	Upper	
178	100		
176	32.3	18.6	27.8#
179	25.5	14.7	22.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 76.356 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:178 Resp: 3160421

Ion Ratio Lower Upper

178 100

176 30.9 17.7 26.5#

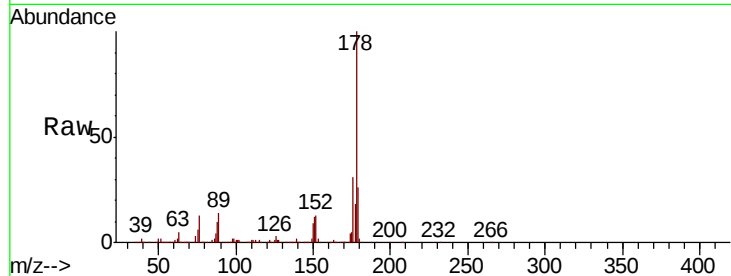
179 26.1 14.5 21.7#

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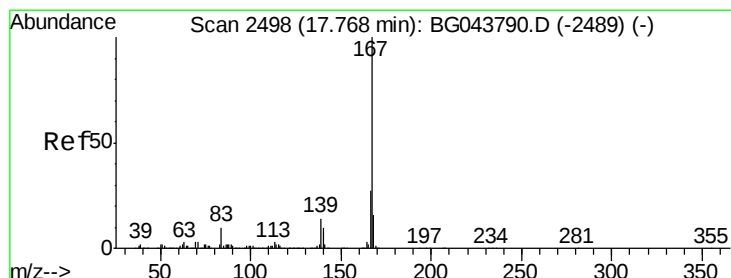
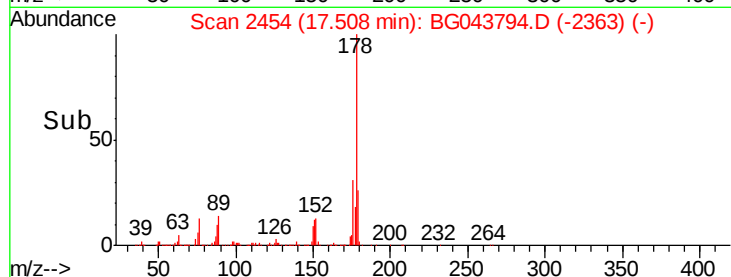
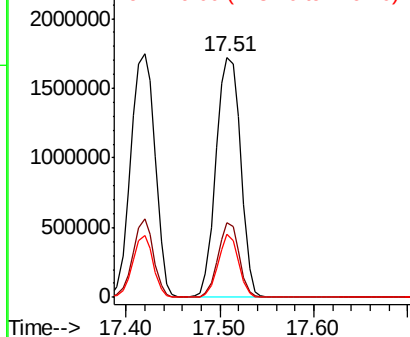
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 72.403 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

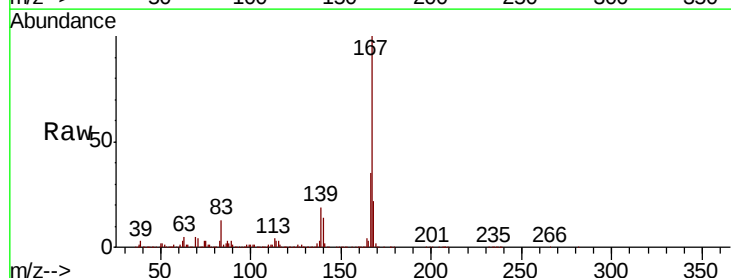
Tgt Ion:167 Resp: 2969064

Ion Ratio Lower Upper

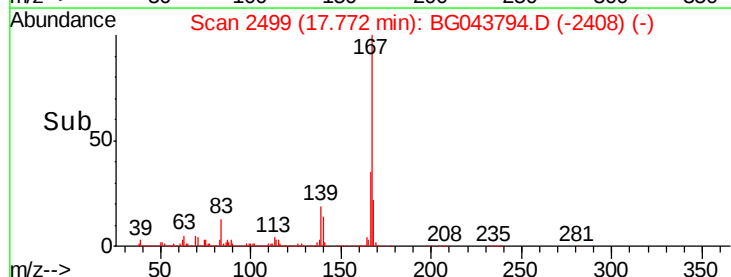
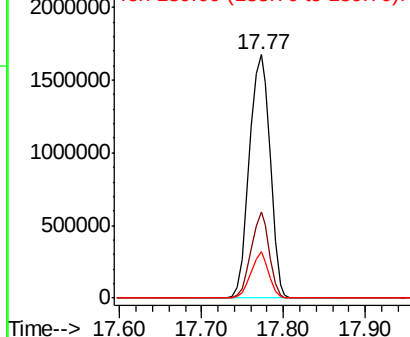
167 100

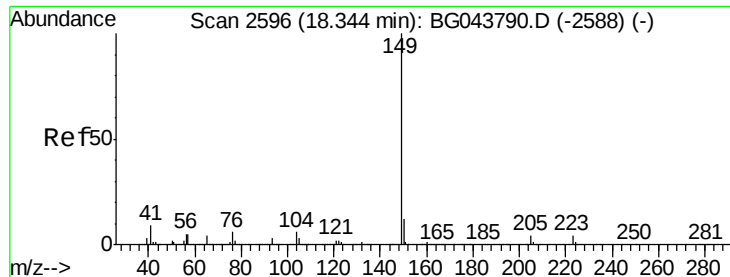
166 35.5 21.4 32.2#

139 19.1 11.0 16.4#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 62.099 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 3259319

Ion Ratio Lower Upper

149 100

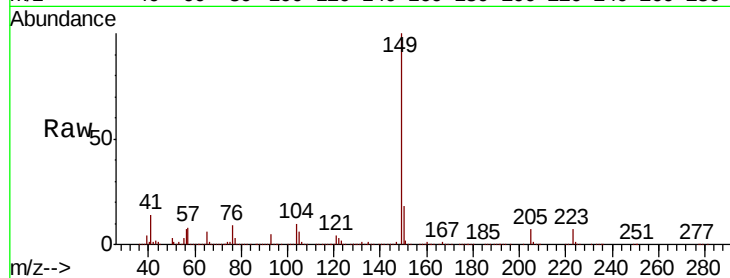
150 18.5 9.4 14.0#

104 9.7 4.8 7.2#

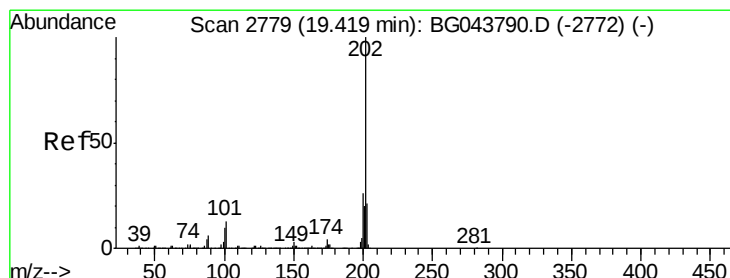
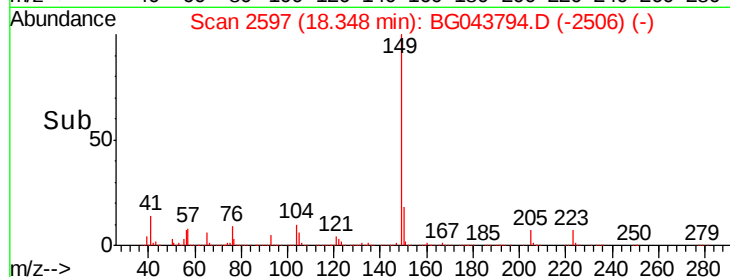
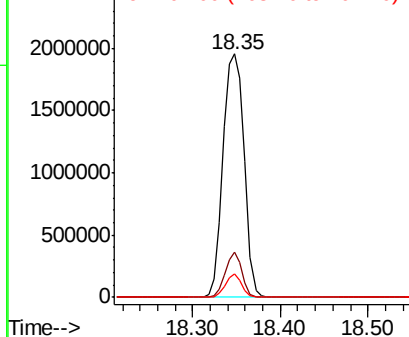
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 58.721 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

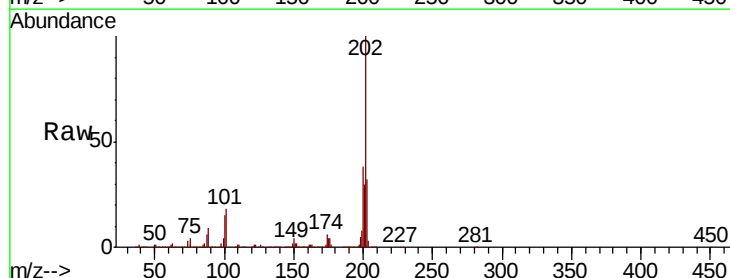
Tgt Ion:202 Resp: 3451363

Ion Ratio Lower Upper

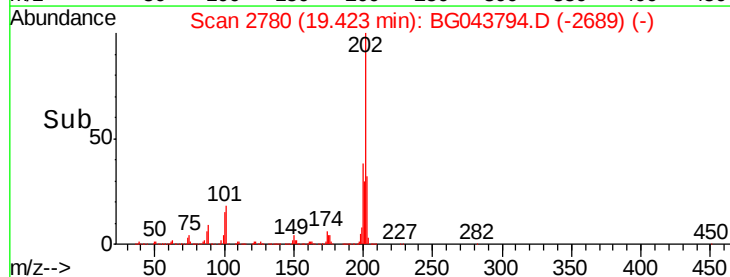
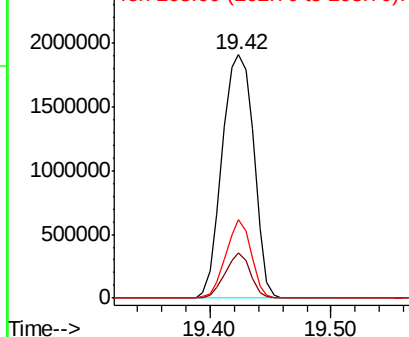
202 100

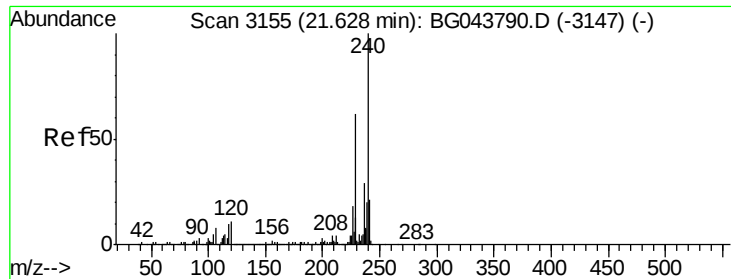
101 18.5 0.0 32.7

203 32.0 1.0 41.0



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: 21.64 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

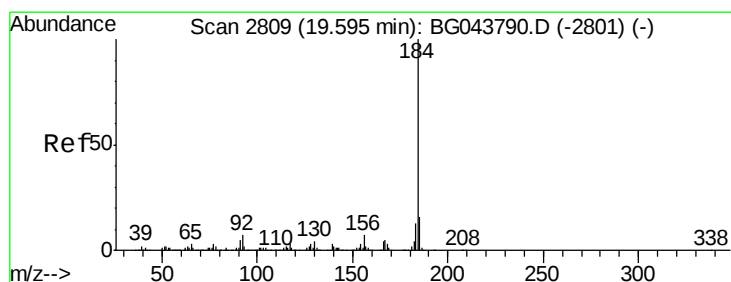
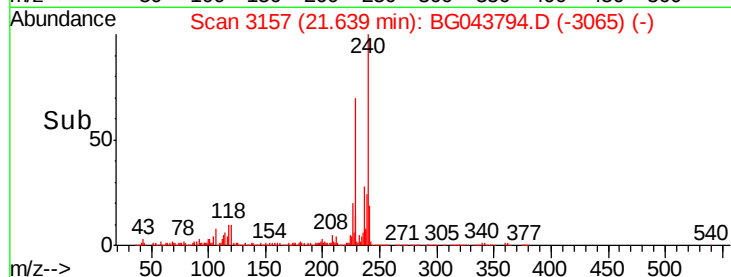
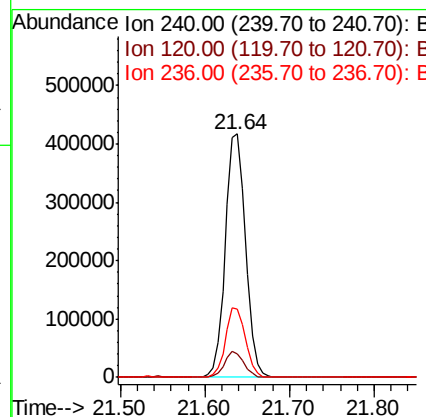
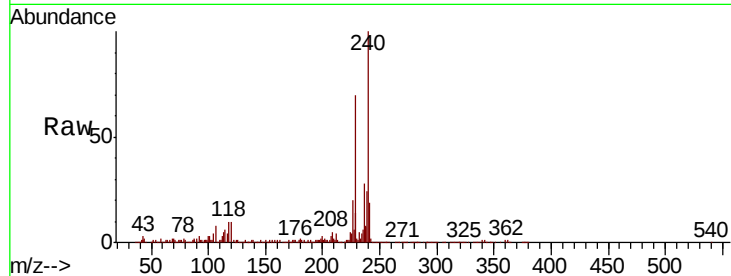
ClientSampleId :

SSTDICC100

Tot Ion:	240	Resp:	691291
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.6	12.8
236	27.8	23.1	34.7

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#77

Benzidine

Concen: 63.416 ng

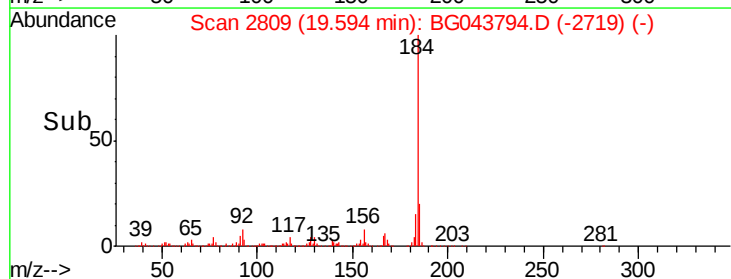
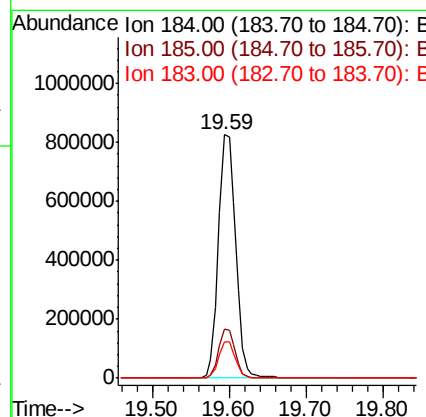
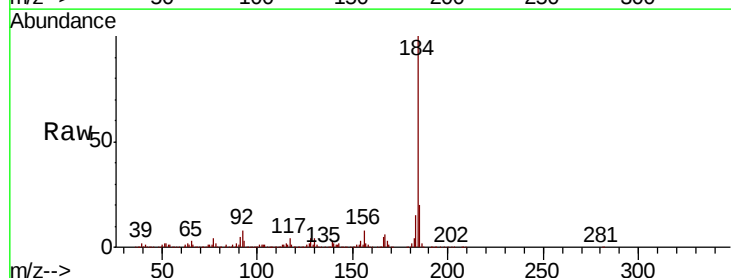
RT: 19.59 min Scan# 2809

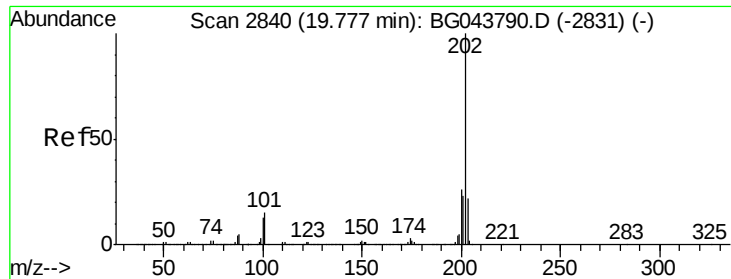
Delta R.T. -0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:	184	Resp:	1280579
Ion Ratio	Lower	Upper	
184	100		
185	20.0	12.9	19.3#
183	15.1	10.3	15.5





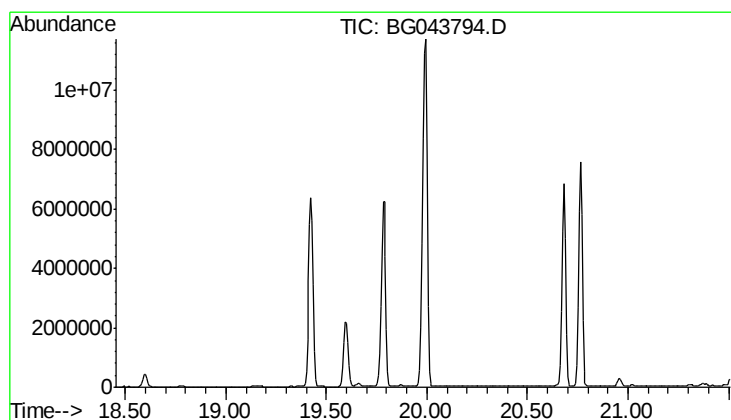
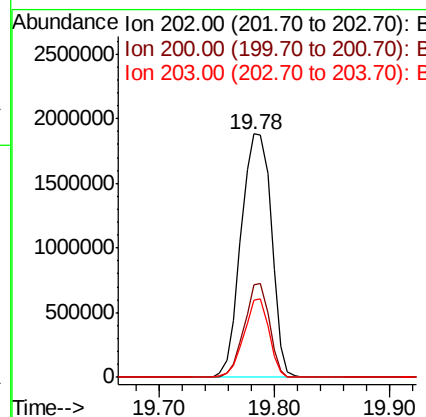
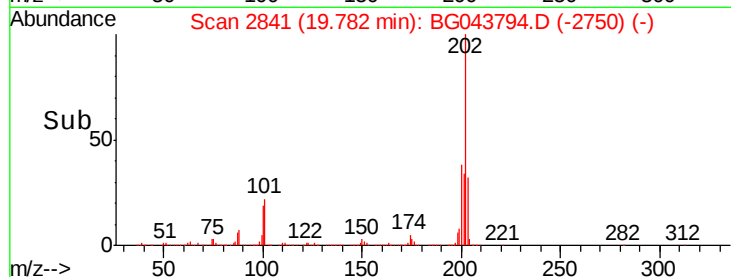
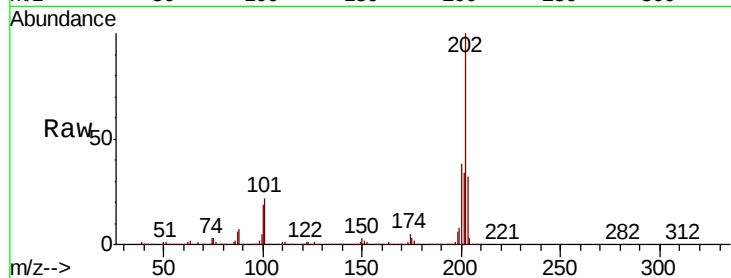
#78
Pvrene
Concen: 76.875 ng
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	37.8	20.8	31.2	#
203	31.5	17.7	26.5	#

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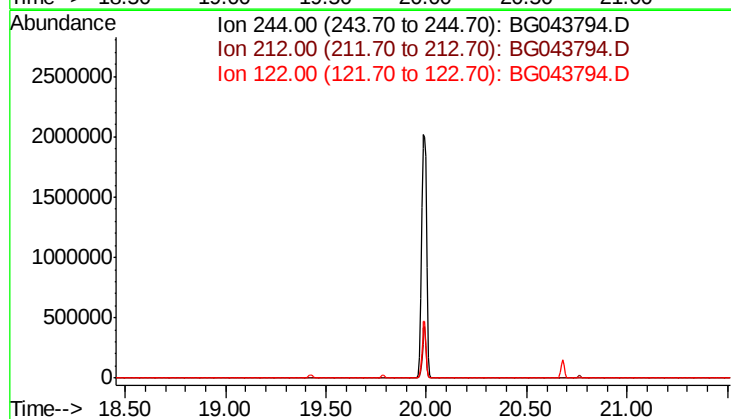
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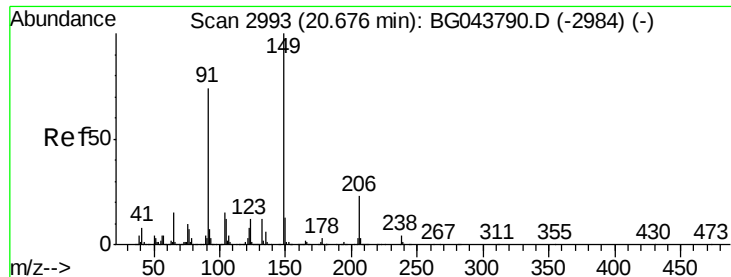


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.98 min

Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Sig	Exp Ratio
244	100	
212	11.4	
122	14.5	





#80

Butylbenzylphthalate

Concen: 86.861 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDIC100

Tot Ion:149 Resp: 1765386

Ion Ratio Lower Upper

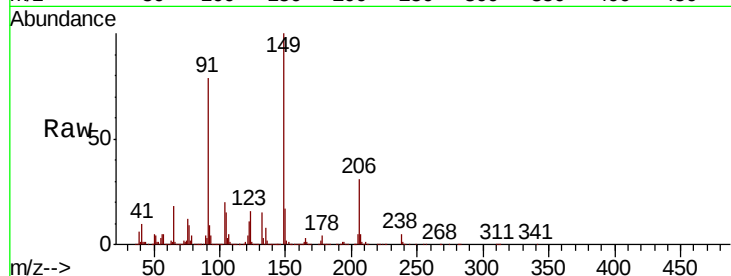
149 100

91 79.0 59.0 88.4

206 30.5 18.6 28.0#

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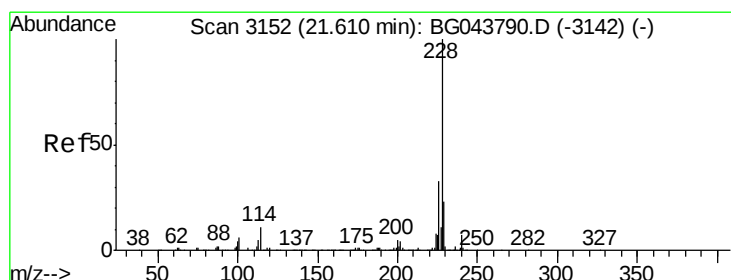
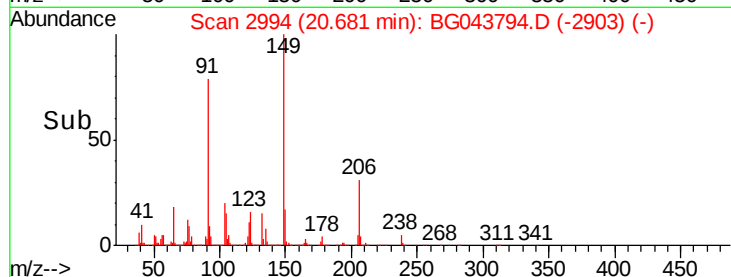
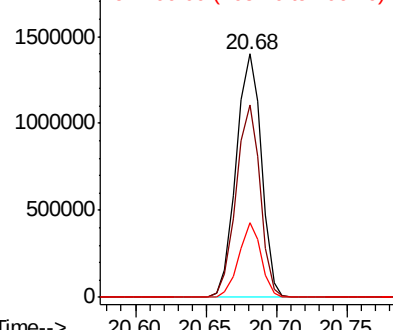
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 77.706 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

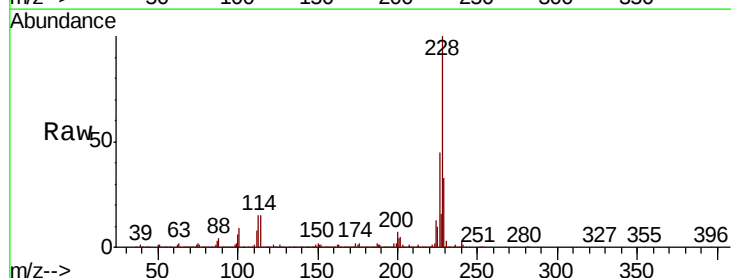
Tgt Ion:228 Resp: 3591191

Ion Ratio Lower Upper

228 100

226 44.9 26.1 39.1#

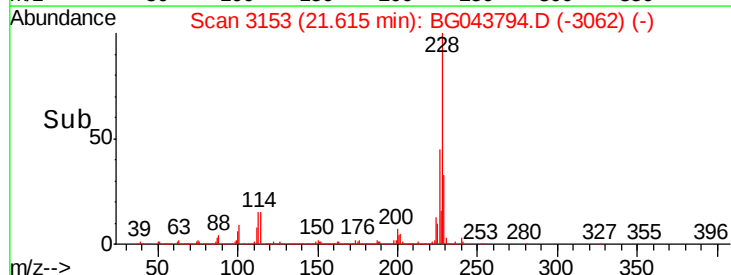
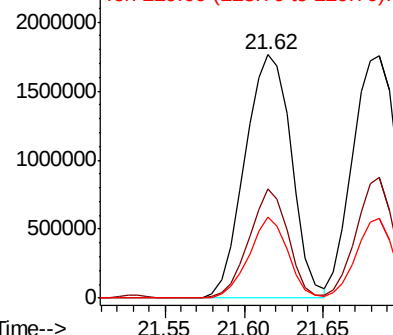
229 33.1 18.6 27.8#

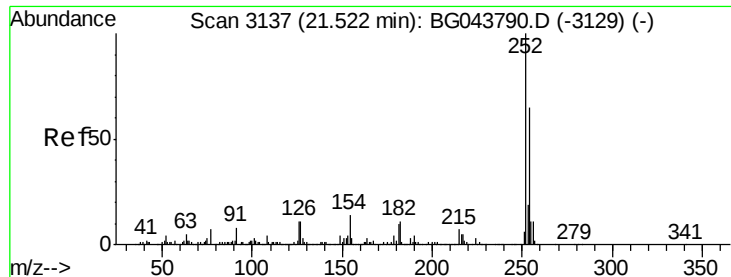


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





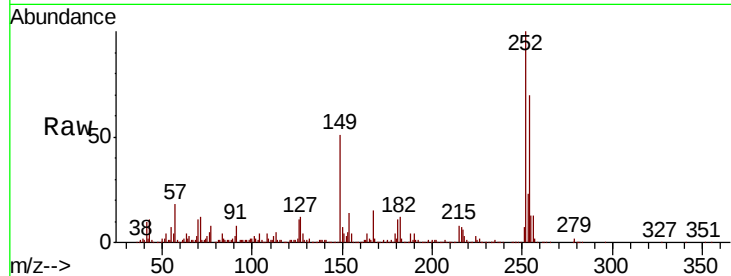
#82
 3,3'-Dichlorobenzidine
 Concen: 83.696 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

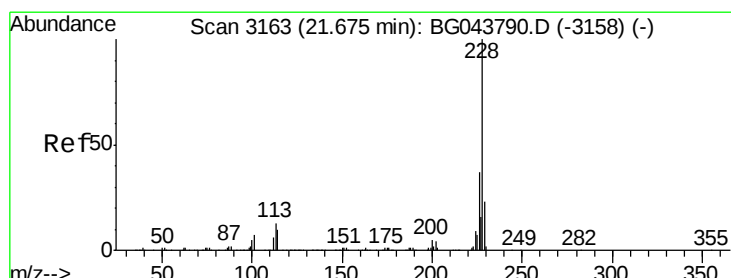
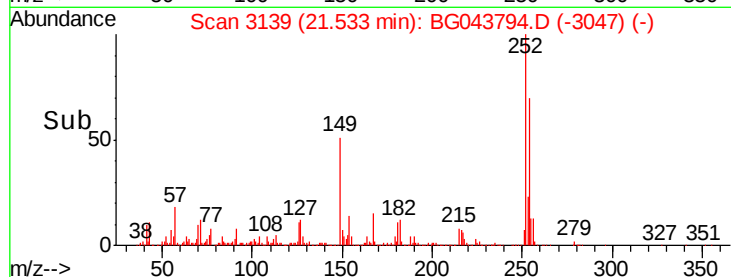
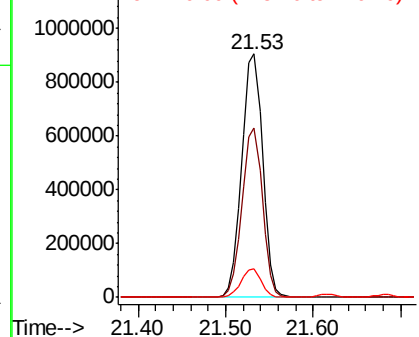
Tot Ion:252 Resp: 1450506
 Ion Ratio Lower Upper
 252 100
 254 69.8 52.2 78.2
 126 11.5 8.7 13.1

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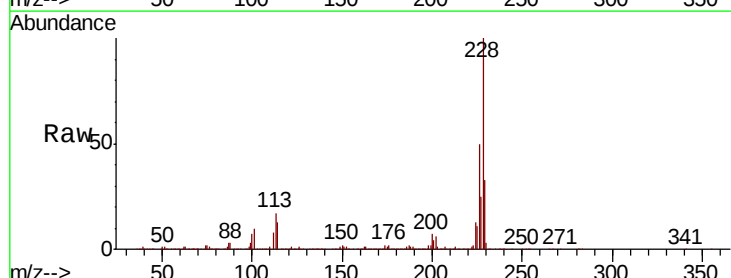


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

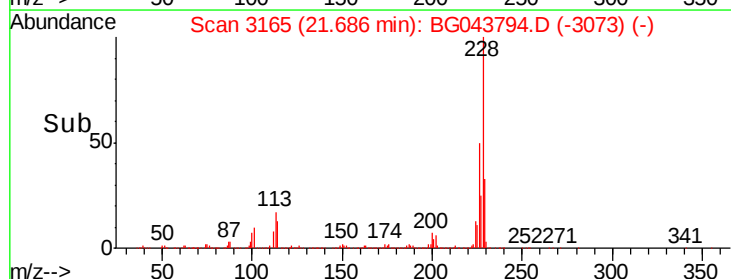
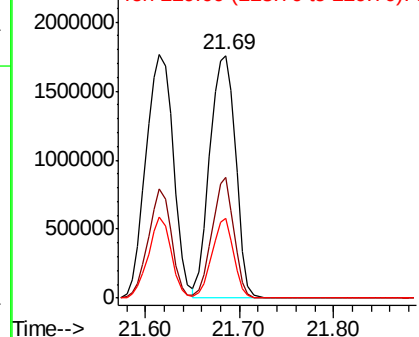


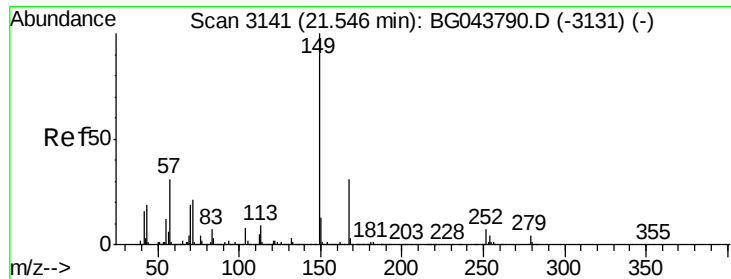
#83
 Chrysene
 Concen: 77.261 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BG043794.D
 Acq: 9 Dec 2019 16:44

Tgt Ion:228 Resp: 3378716
 Ion Ratio Lower Upper
 228 100
 226 49.6 29.1 43.7#
 229 32.8 18.6 28.0#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 81.366 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 2326784

Ion Ratio Lower Upper

149 100

167 40.2 25.1 37.7#

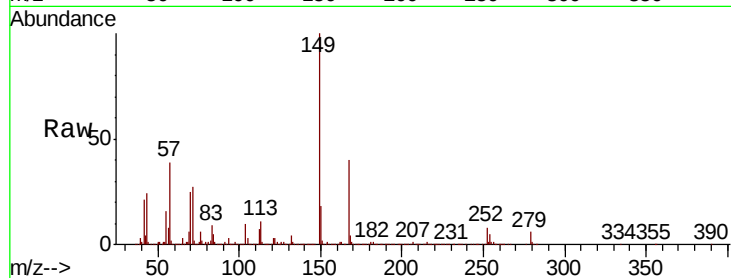
279 6.4 3.5 5.3#

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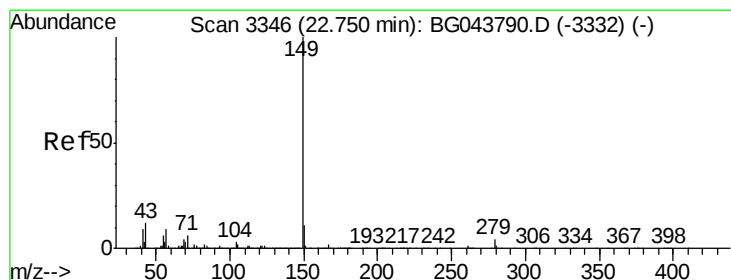
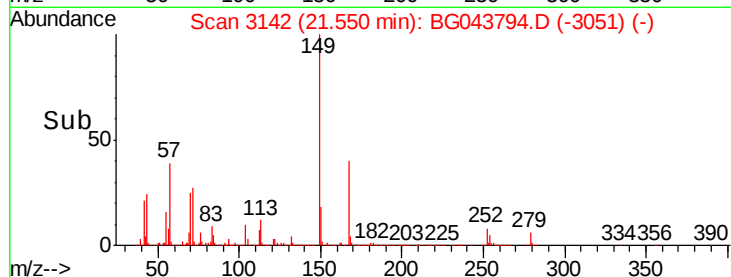
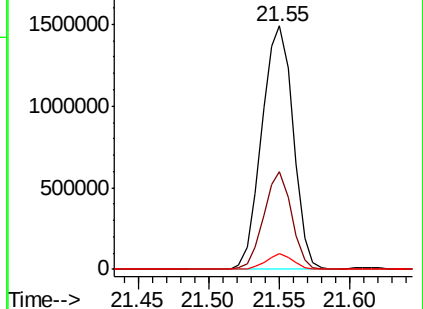
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 83.352 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Tgt Ion:149 Resp: 3866201

Ion Ratio Lower Upper

149 100

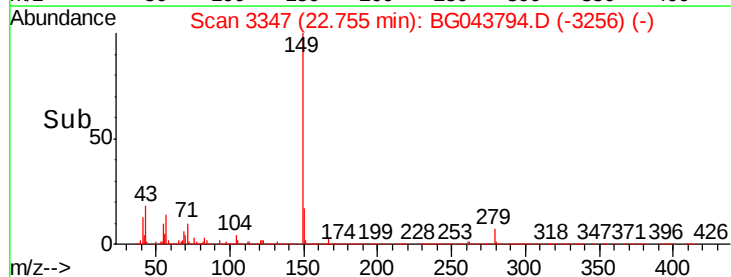
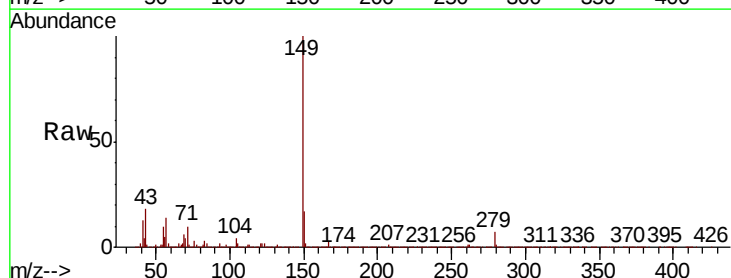
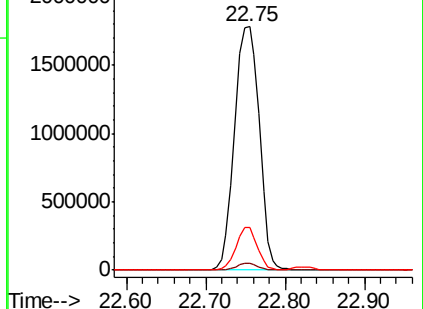
167 2.4 1.4 2.2#

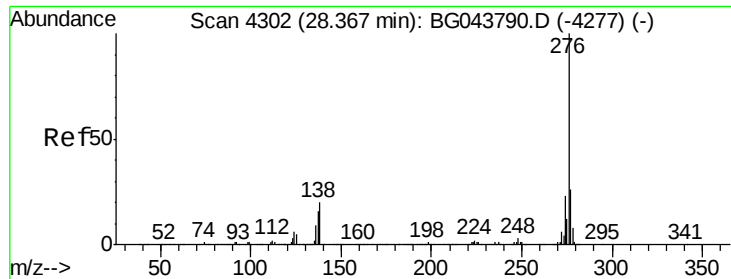
43 14.9 8.8 13.2#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





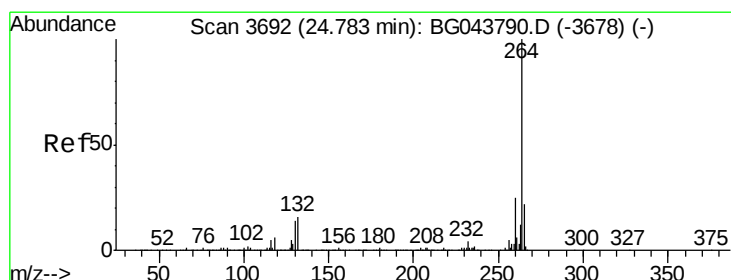
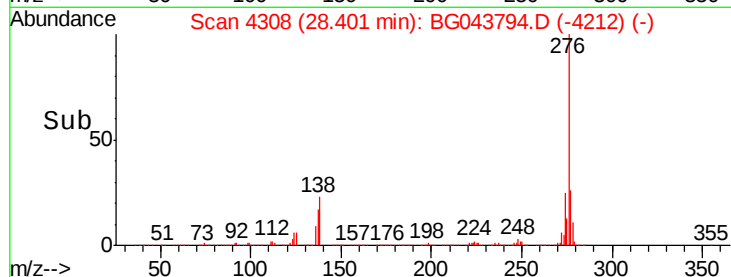
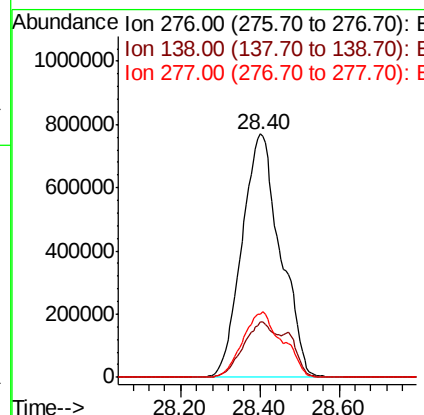
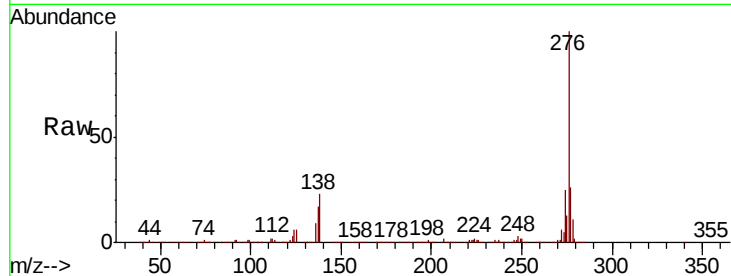
#86
Indeno(1,2,3-cd)pyrene
Concen: 102.114 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.03 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.6	21.8
277	27.7	21.2	31.8

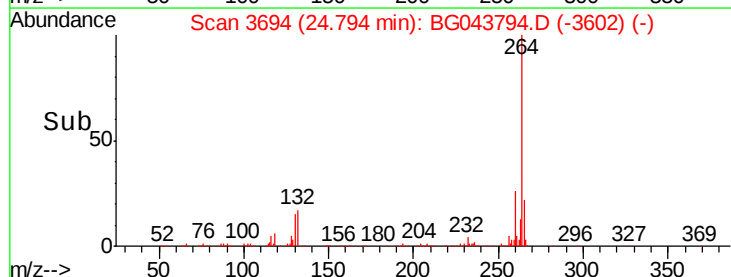
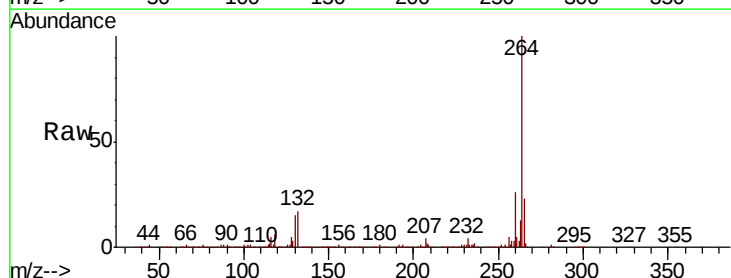
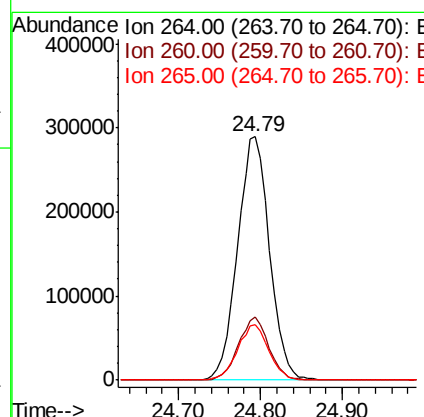
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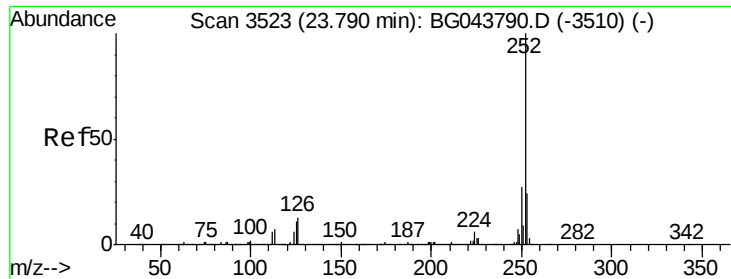
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.8
265	22.8	17.9	26.9





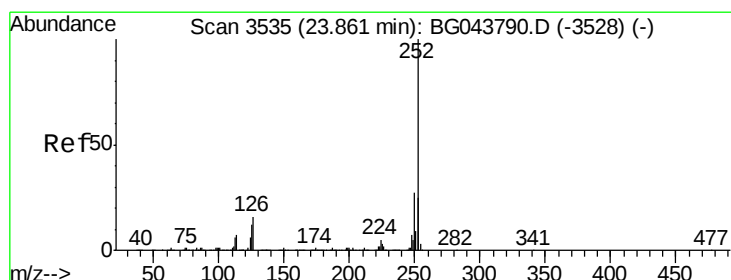
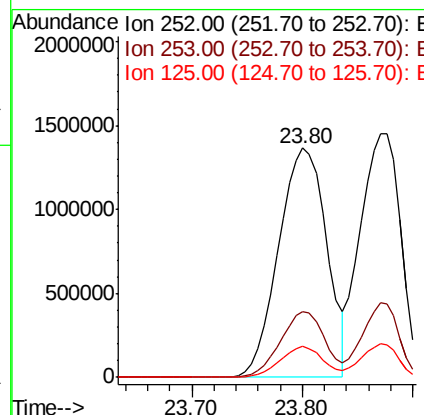
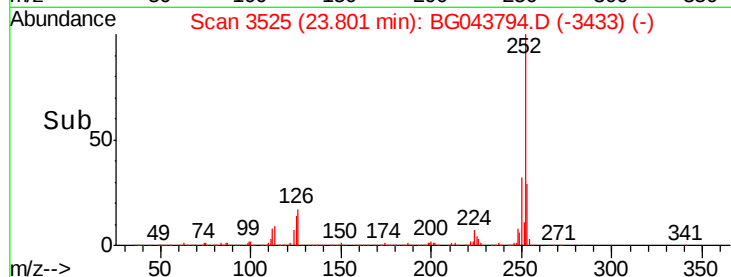
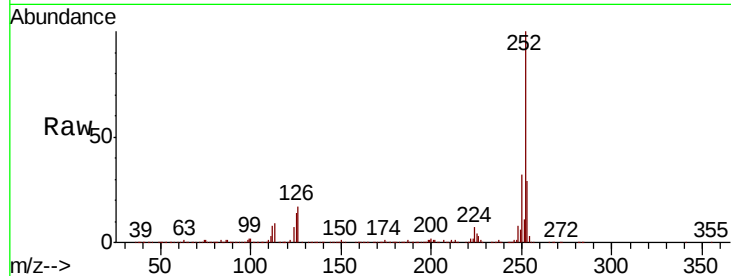
#88
Benzo(b)fluoranthene
Concen: 87.741 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion:252 Resp: 4106087
Ion Ratio Lower Upper
252 100
253 28.8 19.5 29.3
125 13.5 9.0 13.4#

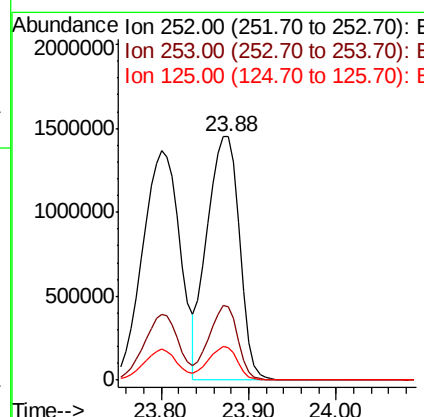
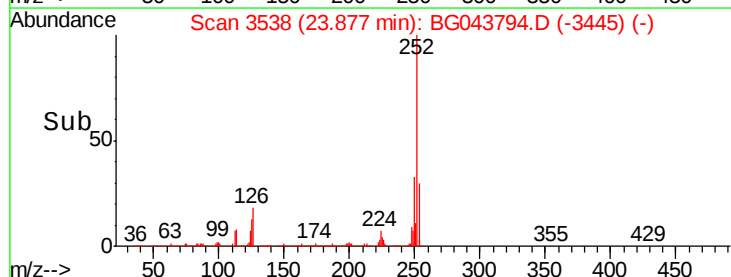
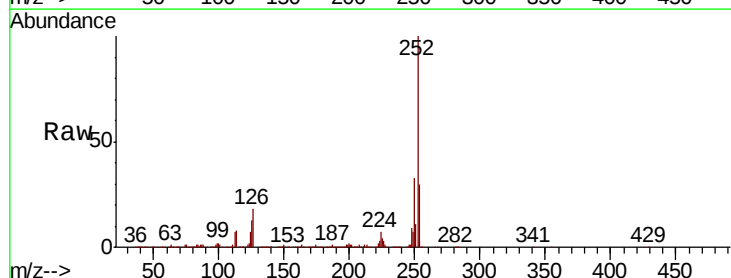
Manual Integrations
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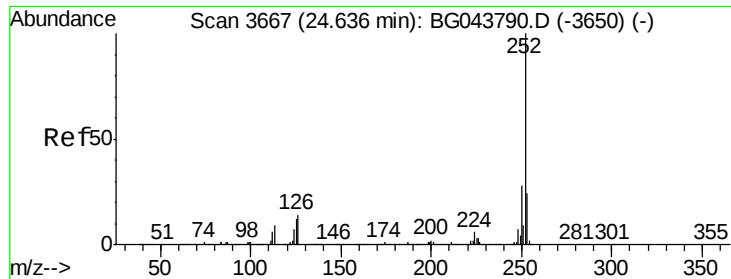
mohammad
12/10/2019 11:51:09 AM



#89
Benzo(k)fluoranthene
Concen: 83.669 ng
RT: 23.88 min Scan# 3538
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion:252 Resp: 3757841
Ion Ratio Lower Upper
252 100
253 30.2 19.4 29.0#
125 13.4 8.9 13.3#





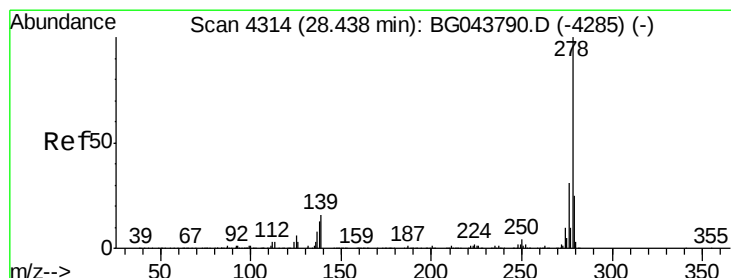
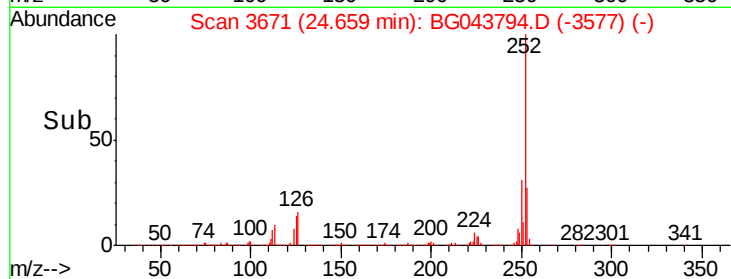
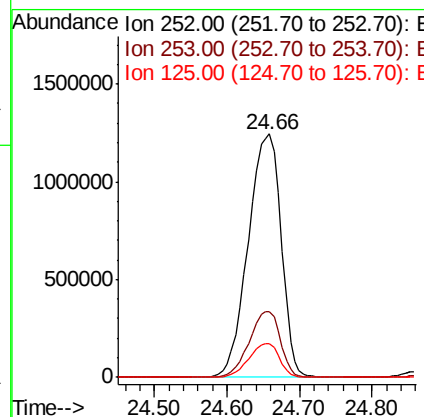
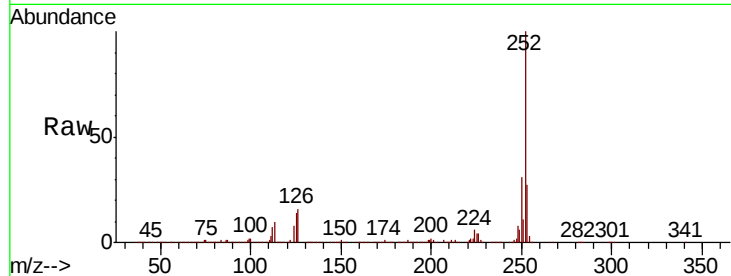
#90
Benzo(a)pyrene
Concen: 89.150 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.02 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.1	28.7
125	13.7	9.4	14.0

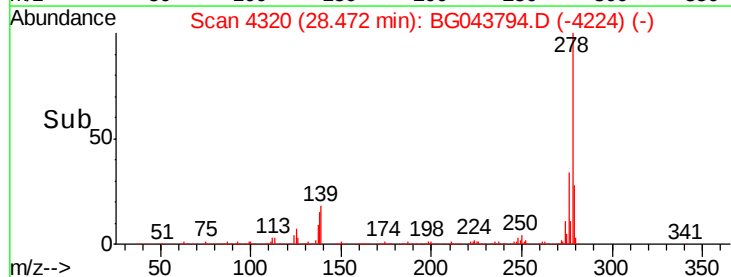
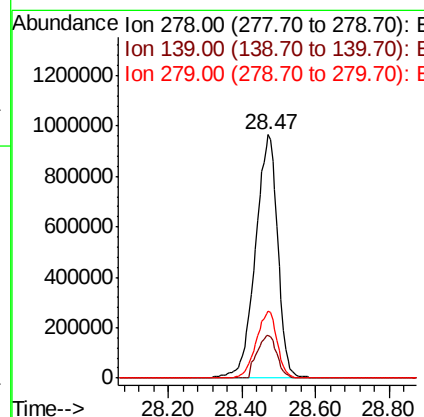
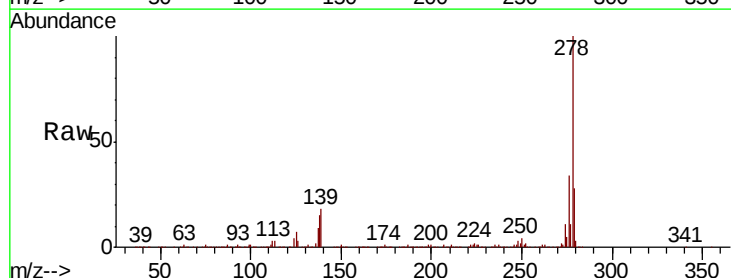
Manual Integrations
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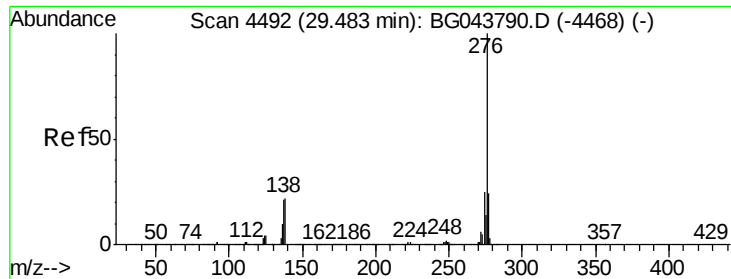
mohammad
12/10/2019 11:51:09 AM



#91
Dibenzo(a,h)anthracene
Concen: 95.448 ng
RT: 28.47 min Scan# 4320
Delta R.T. 0.03 min
Lab File: BG043794.D
Acq: 9 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.2	19.8
279	27.6	19.8	29.6





#92

Benzo(a,h,i)perylene

Concen: 97.581 ng

RT: 29.52 min Scan# 4499

Delta R.T. 0.04 min

Lab File: BG043794.D

Acq: 9 Dec 2019 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion: 276 Resp: 4107447

Ion Ratio Lower Upper

276 100

277 26.8 19.3 28.9

138 23.8 17.6 26.4

Manual Integrations

APPROVED

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