

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043793.D
 Acq On : 9 Dec 2019 16:05
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
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mohammad
 12/10/2019 11:51:06 AM

Quant Time: Dec 09 18:04:12 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	8.00	152	135481	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	549859	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	383934	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	828333	20.00	ng	0.00
76) Chrysene-d12	21.63	240	676440	20.00	ng	0.00
87) Perylene-d12	24.79	264	770953	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1075271	142.68	ng	0.00
7) Phenol-d6	7.16	99	1542637	140.82	ng	0.00
23) Nitrobenzene-d5	9.16	82	1557191	155.71	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	603984	130.43	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	3004841	128.65	ng	0.00
79) Terphenyl-d14	19.99	244	3576106	119.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	248017	74.225	ng	100
3) Pyridine	3.88	79	649132	68.994	ng	98
4) n-Nitrosodimethylamine	3.79	42	336416	71.981	ng	97
6) Aniline	7.33	93	1028938	72.075	ng	100
8) 2-Chlorophenol	7.57	128	629683	73.260	ng	95
9) Benzaldehyde	7.14	77	341935	52.255	ng	91
10) Phenol	7.19	94	801465	71.266	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	668948	71.273	ng	94
12) 1,3-Dichlorobenzene	7.90	146	737541	72.893	ng	97
13) 1,4-Dichlorobenzene	8.04	146	733831	71.604	ng	98
14) 1,2-Dichlorobenzene	8.36	146	709014	73.117	ng	96
15) Benzyl Alcohol	8.24	79	641563	70.116	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	1073676	66.517	ng	100
17) 2-Methylphenol	8.44	107	585516	72.821	ng	99
18) Hexachloroethane	9.10	117	276421	71.450	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	598505	69.474	ng	100
20) 3+4-Methylphenols	8.77	107	822856	73.356	ng	99
22) Acetophenone	8.83	105	1059142	72.675	ng	# 97
24) Nitrobenzene	9.20	77	796812	77.514	ng	98
25) Isophorone	9.73	82	1548167	72.197	ng	98
26) 2-Nitrophenol	9.91	139	344795	92.968	ng	98
27) 2,4-Dimethylphenol	9.97	122	567704	77.956	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	971865	73.534	ng	96
29) 2,4-Dichlorophenol	10.45	162	704357	79.560	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	785206	75.687	ng	99
31) Naphthalene	10.86	128	2004781	73.499	ng	96
32) Benzoic acid	10.16	122	491381	93.567	ng	96
33) 4-Chloroaniline	10.96	127	1017370	77.417	ng	97
34) Hexachlorobutadiene	11.15	225	482883	70.784	ng	97
35) Caprolactam	11.75	113	277161	76.992	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	744747	74.855	ng	98
37) 2-Methylnaphthalene	12.46	142	1568273	76.296	ng	98
38) 1-Methylnaphthalene	12.68	142	1493083	76.537	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	899469	73.627	ng	99

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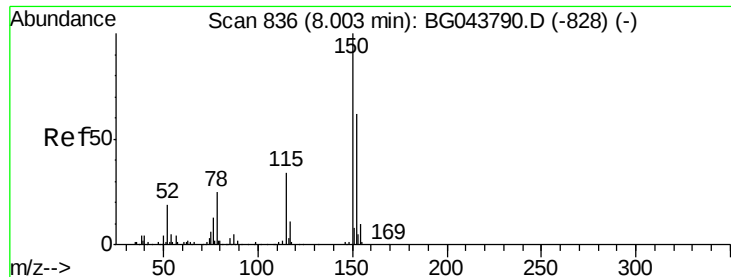
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	459790	69.661	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	610659	77.721	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	630170	77.095	nq	97
46) 1,1'-Biphenyl	13.47	154	1952196	73.355	nq	92
47) 2-Chloronaphthalene	13.51	162	1629843	75.098	nq	94
48) 2-Nitroaniline	13.70	65	552184	86.907	nq	95
49) Acenaphthylene	14.36	152	2354927	68.967	nq	92
50) Dimethylphthalate	14.09	163	2019802	66.411	nq	96
51) 2,6-Dinitrotoluene	14.20	165	494655	87.580	nq	98
52) Acenaphthene	14.70	154	1635313	74.890	nq	97
53) 3-Nitroaniline	14.53	138	555275	84.170	nq	95
54) 2,4-Dinitrophenol	14.73	184	198195	85.888	nq	96
55) Dibenzofuran	15.03	168	2255429	66.301	nq	# 91
56) 4-Nitrophenol	14.83	139	424052	76.312	nq	99
57) 2,4-Dinitrotoluene	14.98	165	677549	86.501	nq	99
58) Fluorene	15.68	166	1841142	65.997	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	555113m	67.616	nq	
60) Diethylphthalate	15.46	149	2012844	63.032	nq	94
61) 4-Chlorophenyl-phenylether	15.67	204	1077058	70.123	nq	97
62) 4-Nitroaniline	15.70	138	555154	73.387	nq	99
63) Azobenzene	15.97	77	1856514	64.854	nq	94
65) 4,6-Dinitro-2-methylphenol	15.75	198	280369	99.746	nq	99
66) n-Nitrosodiphenylamine	15.89	169	1739227	79.303	nq	95
67) 4-Bromophenyl-phenylether	16.57	248	697646	79.866	nq	99
68) Hexachlorobenzene	16.69	284	728964	76.335	nq	97
70) Pentachlorophenol	17.02	266	424641	72.873	nq	98
71) Phenanthrene	17.42	178	2760986	67.363	nq	# 89
72) Anthracene	17.51	178	2727647	65.880	nq	# 89
73) Carbazole	17.77	167	2556464	62.322	nq	# 91
74) Di-n-butylphthalate	18.35	149	2870183	54.668	nq	# 91
75) Fluoranthene	19.42	202	3028481	51.511	nq	87
77) Benzidine	19.60	184	1194078	60.430	nq	95
78) Pyrene	19.78	202	3017796	69.126	nq	# 84
80) Butylbenzylphthalate	20.68	149	1485583	74.699	nq	96
81) Benzo(a)anthracene	21.61	228	3055960	67.577	nq	# 86
82) 3,3'-Dichlorobenzidine	21.53	252	1225524	72.267	nq	96
83) Chrysene	21.68	228	2904461	67.875	nq	# 86
84) Bis(2-ethylhexyl)phthalate	21.55	149	2003287	71.591	nq	# 92
85) Di-n-octyl phthalate	22.75	149	3320716	73.164	nq	# 94
86) Indeno(1,2,3-cd)pyrene	28.39	276	4155709	83.487	nq	98
88) Benzo(b)fluoranthene	23.80	252	3412736	74.140	nq	94
89) Benzo(k)fluoranthene	23.87	252	3123882	70.713	nq	93
90) Benzo(a)pyrene	24.65	252	3238132	74.812	nq	95
91) Dibenzo(a,h)anthracene	28.46	278	3311822	78.883	nq	97
92) Benzo(g,h,i)perylene	29.51	276	3293574	79.550	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 837

Delta R.T. 0.00 min

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Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

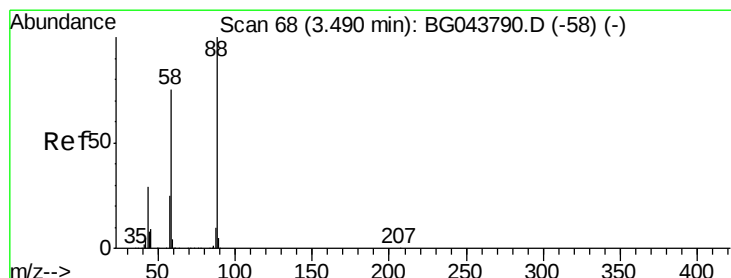
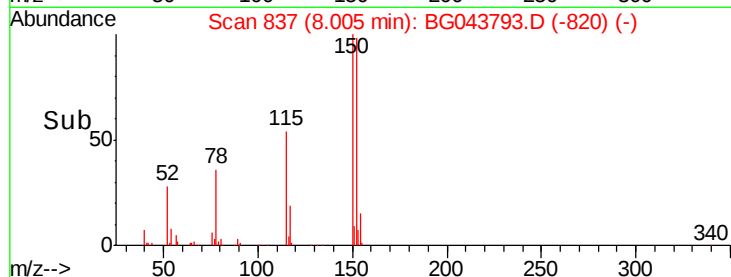
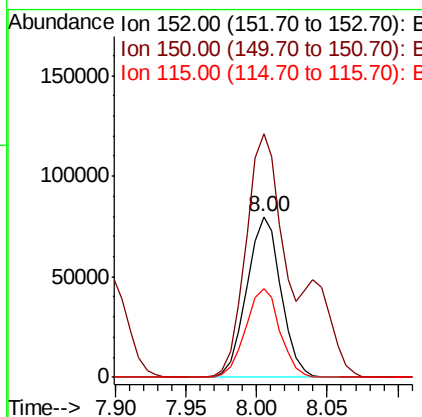
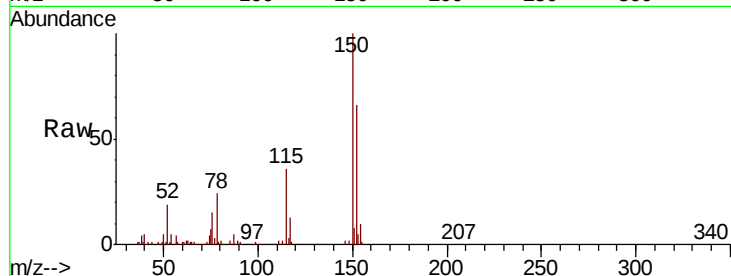
ClientSampleId :

SSTDIC080

Tot Ion:	152	Resp:	135481
Ion Ratio	Lower	Upper	
152	100		
150	151.2	128.6	192.8
115	55.2	44.3	66.5

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#2

1,4-Dioxane

Concen: 74.225 ng

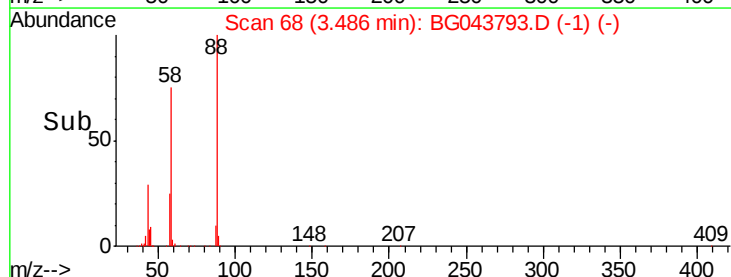
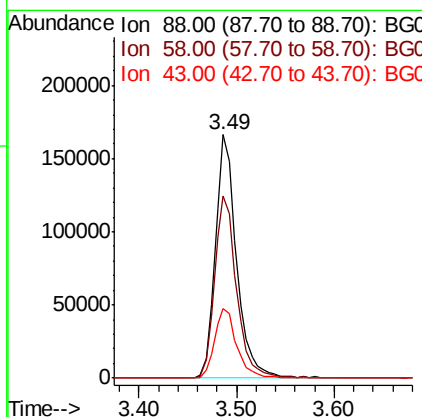
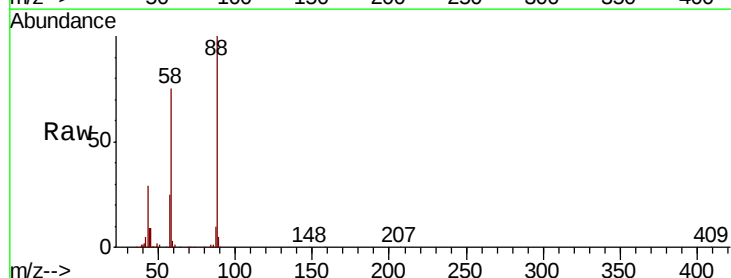
RT: 3.49 min Scan# 68

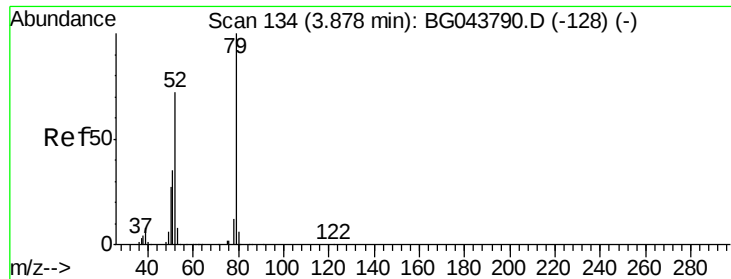
Delta R.T. -0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	88	Resp:	248017
Ion Ratio	Lower	Upper	
88	100		
58	78.0	62.2	93.4
43	30.2	24.3	36.5





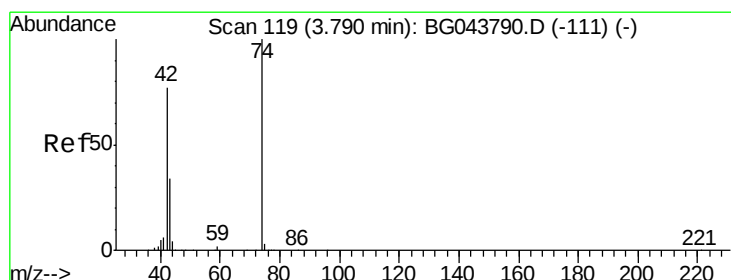
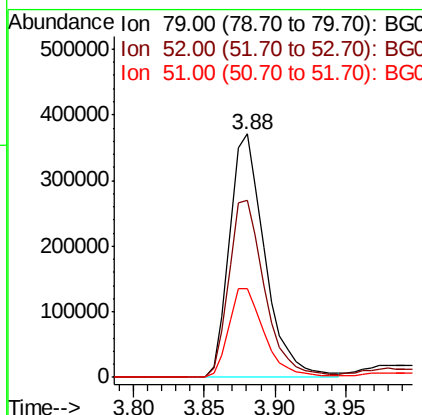
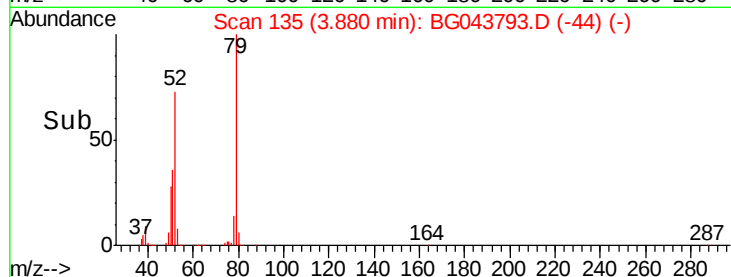
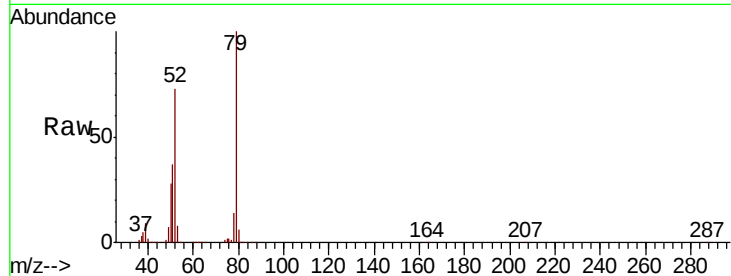
#3
 Pvridine
 Concen: 68.994 ng
 RT: 3.88 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.0	57.6	86.4
51	36.5	27.8	41.8

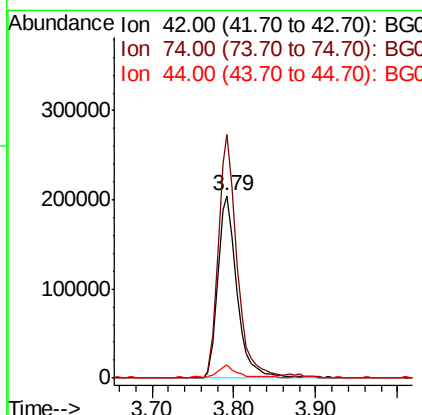
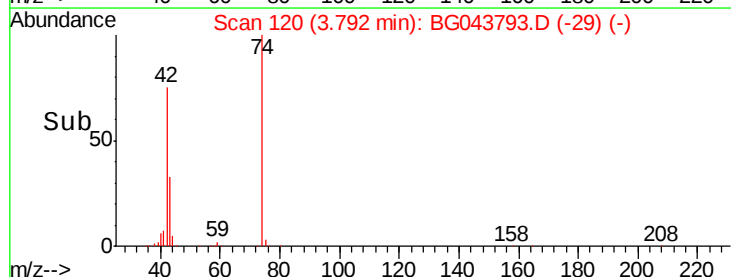
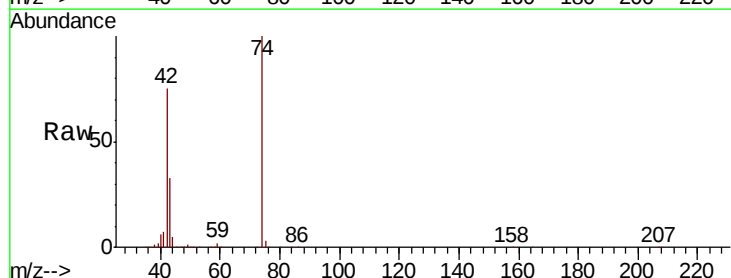
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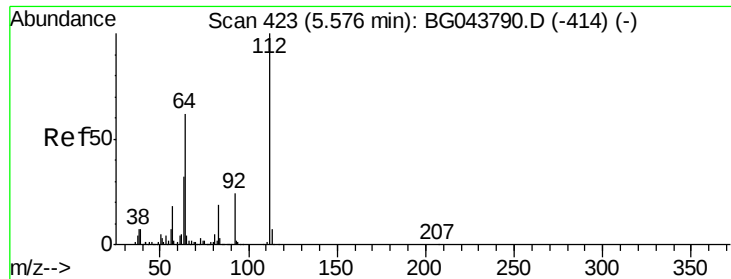
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#4
 n-Nitrosodimethylamine
 Concen: 71.981 ng
 RT: 3.79 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.4	104.2	156.4
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 142.684 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

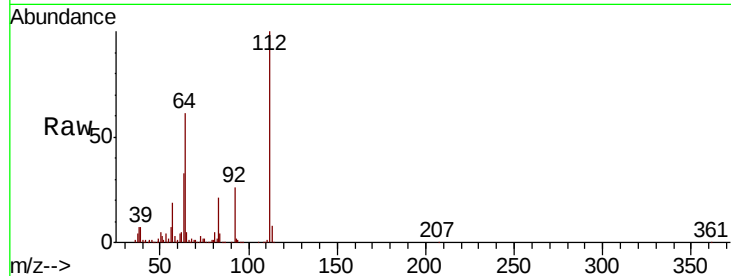
ClientSampleId :

SSTDICC080

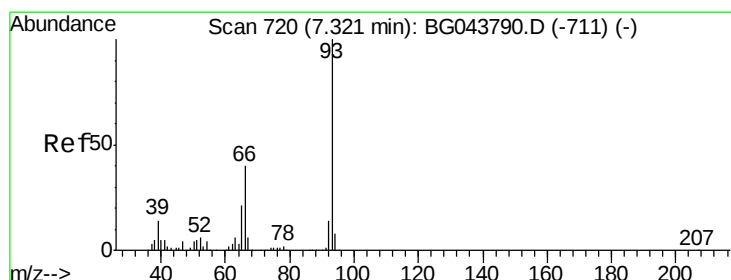
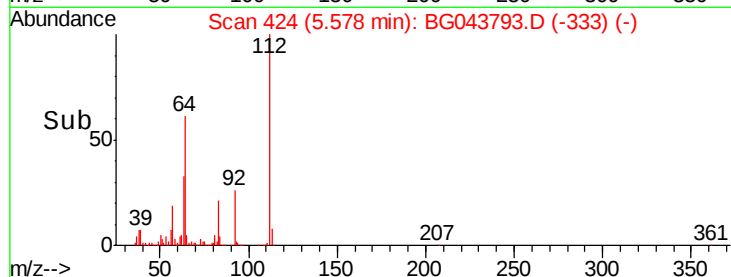
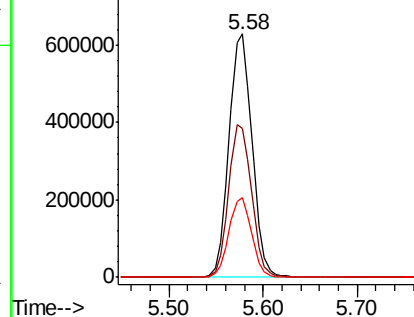
Tot Ion:	112	Resp:	1075271
Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.9	74.9
63	32.6	26.0	39.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 72.075 ng

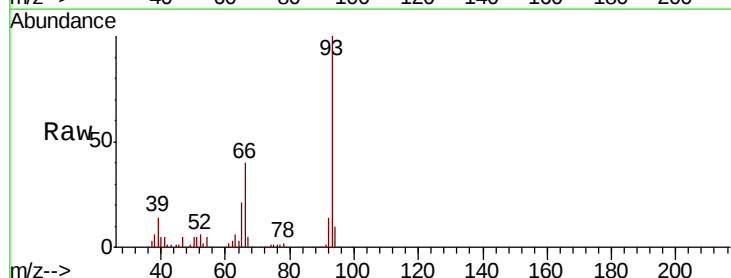
RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

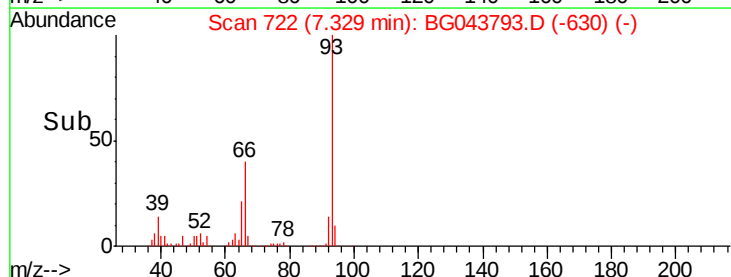
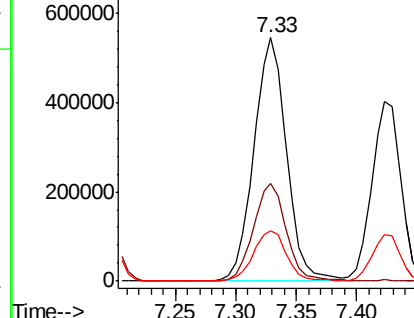
Lab File: BG043793.D

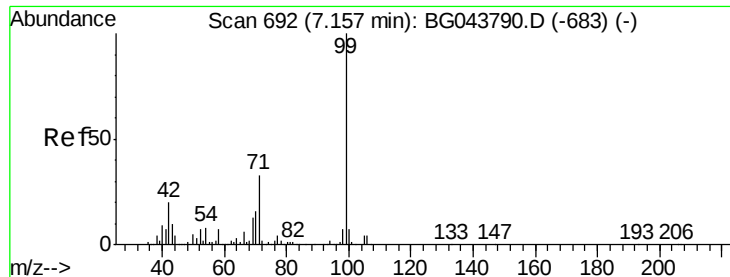
Acq: 9 Dec 2019 16:05

Tgt Ion:	93	Resp:	1028938
Ion	Ratio	Lower	Upper
93	100		
66	40.1	31.9	47.9
65	20.8	16.8	25.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.817 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1542637

Ion Ratio Lower Upper

99 100

42 21.2 16.2 24.2

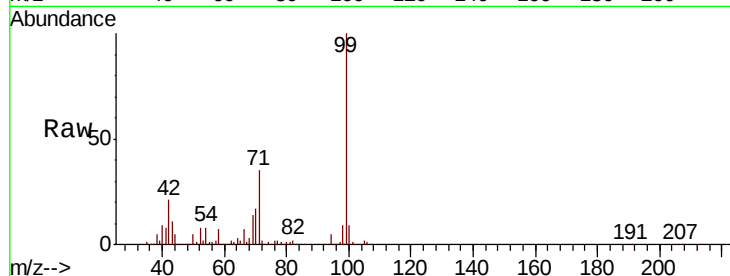
71 35.1 26.6 40.0

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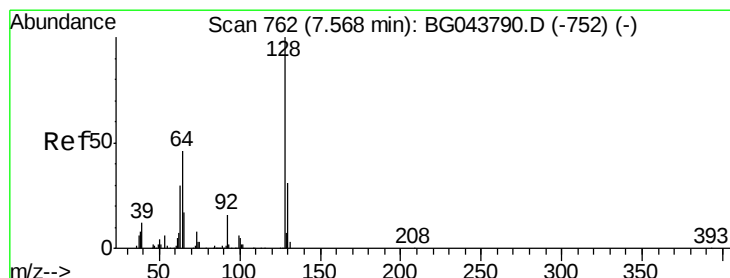
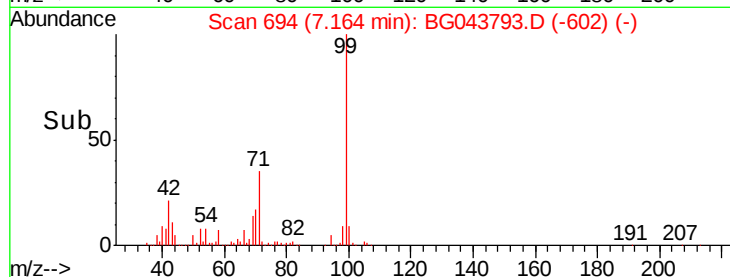
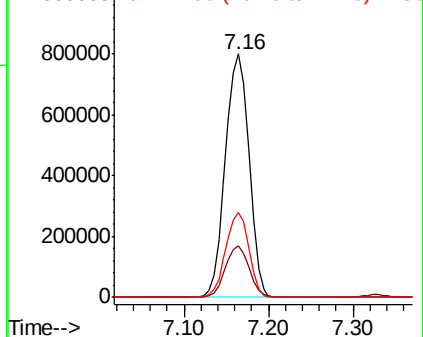
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 73.260 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

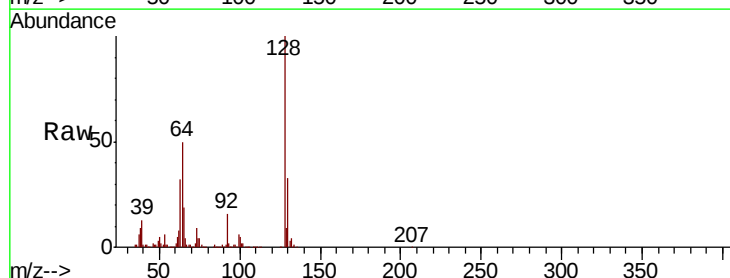
Tgt Ion:128 Resp: 629683

Ion Ratio Lower Upper

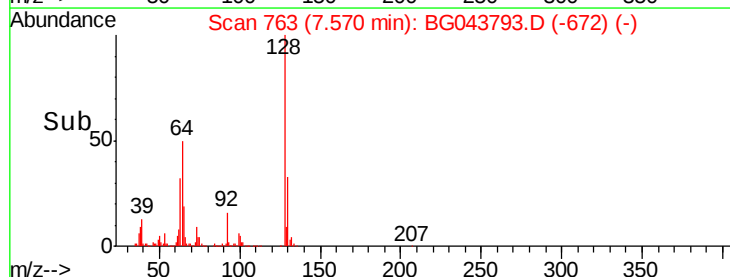
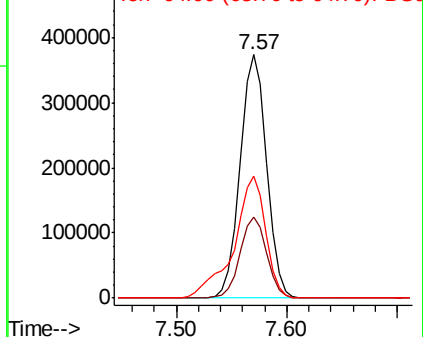
128 100

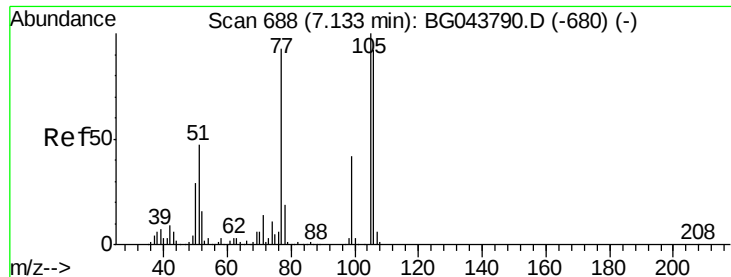
130 33.5 11.1 51.1

64 50.1 26.5 66.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 52.255 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

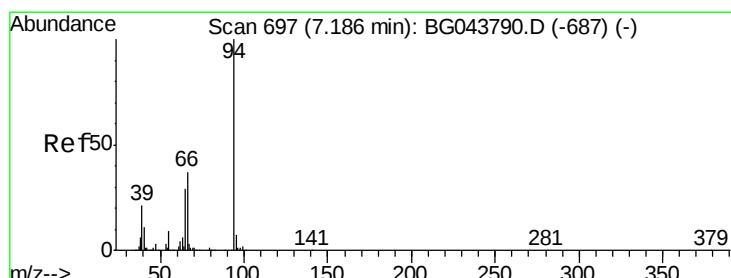
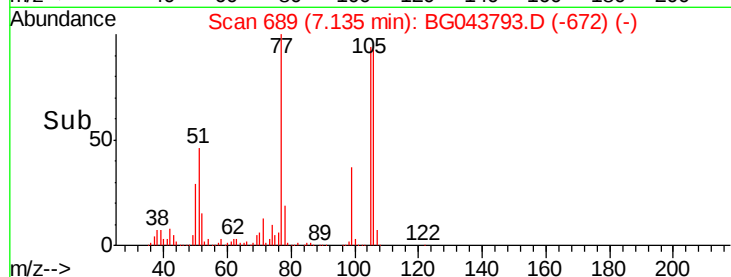
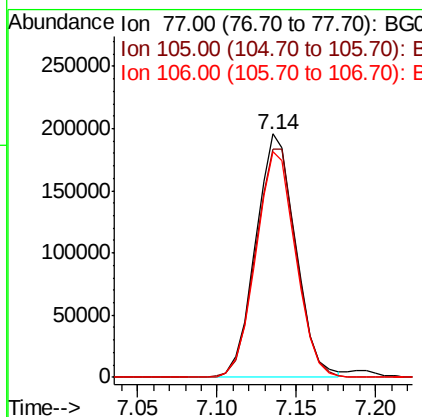
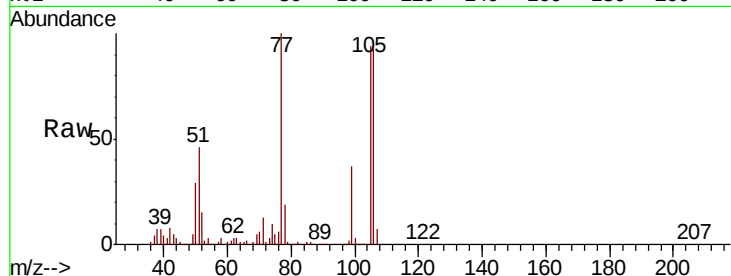
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	341935
Ion	Ratio	Lower	Upper
77	100		
105	93.8	87.1	127.1
106	92.9	78.2	118.2

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#10

Phenol

Concen: 71.266 ng

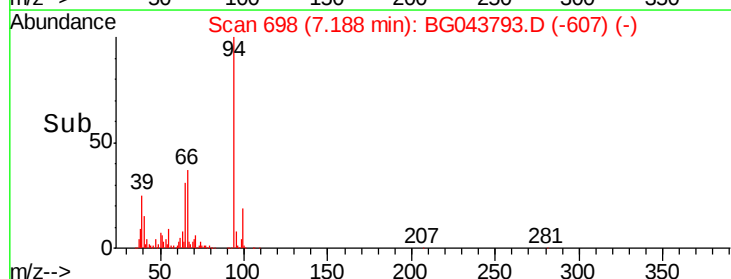
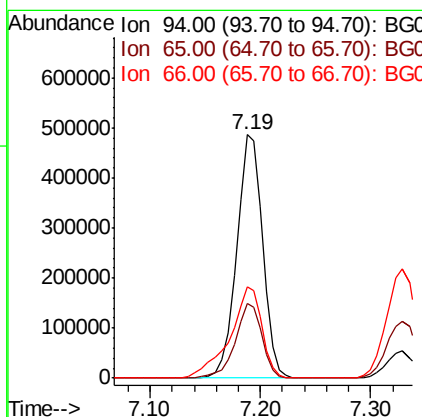
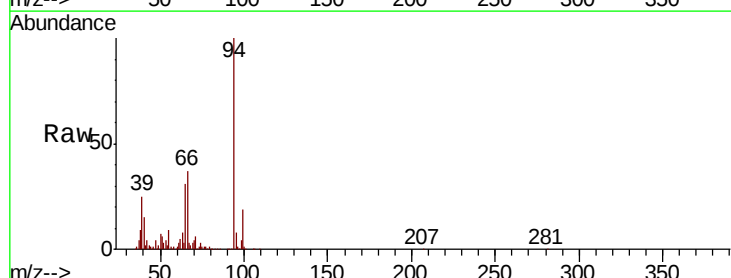
RT: 7.19 min Scan# 698

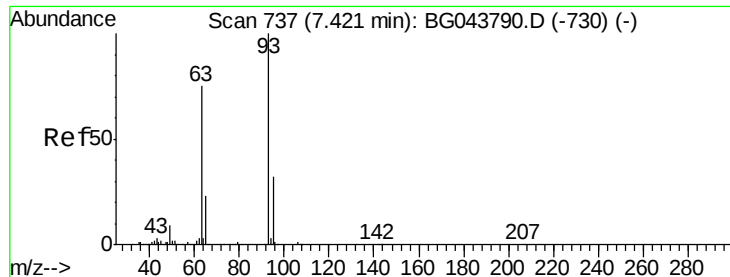
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	94	Resp:	801465
Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.5	49.5
66	37.3	16.8	56.8





#11

bis(2-Chloroethyl)ether

Concen: 71.273 ng

RT: 7.42 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

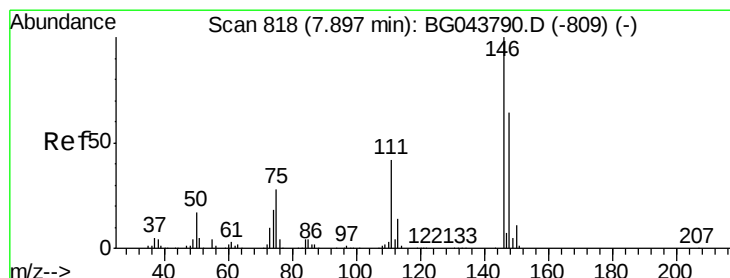
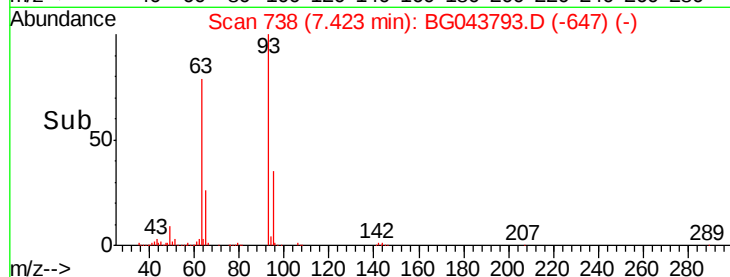
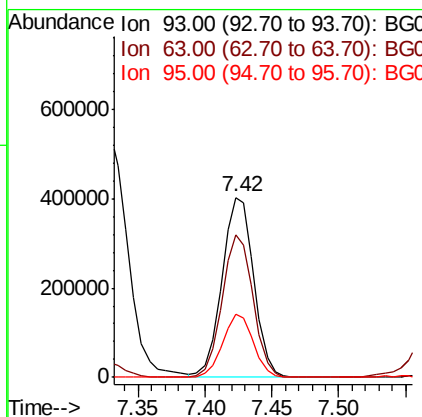
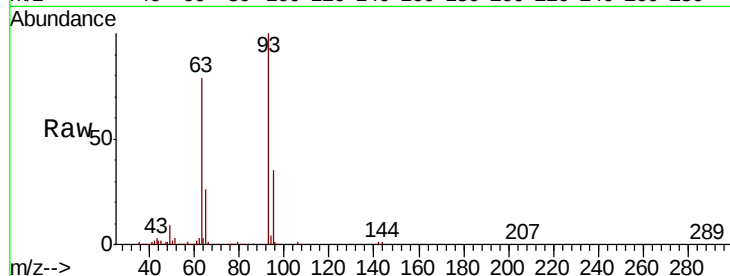
ClientSampleId :

SSTDIC080

Tot Ion:	93	Resp:	668948
Ion Ratio	Lower	Upper	
93	100		
63	78.9	54.7	94.7
95	35.2	11.3	51.3

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#12

1,3-Dichlorobenzene

Concen: 72.893 ng

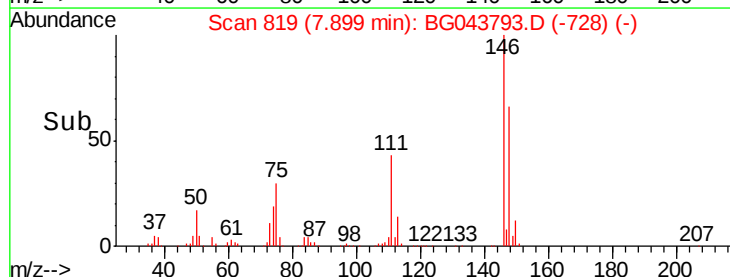
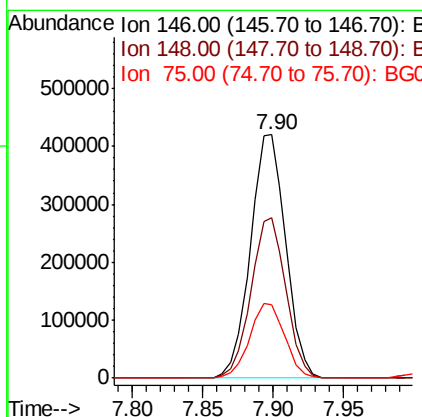
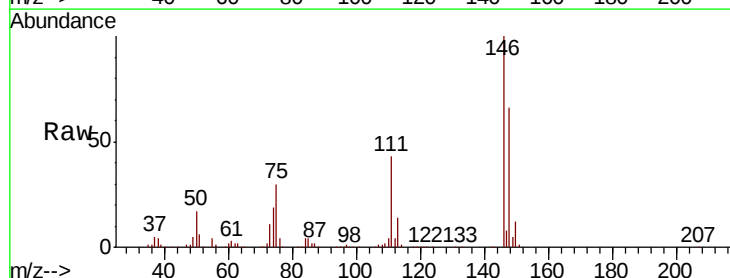
RT: 7.90 min Scan# 819

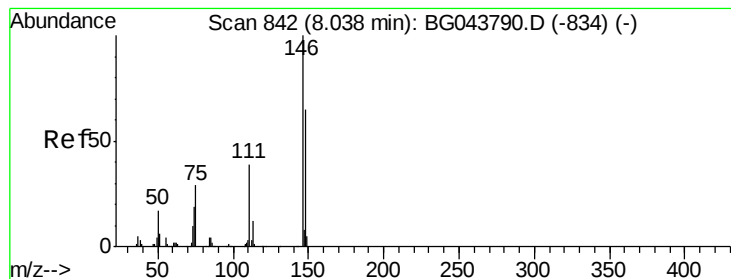
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	146	Resp:	737541
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.4	77.2
75	30.2	22.4	33.6





#13

1,4-Dichlorobenzene

Concen: 71.604 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

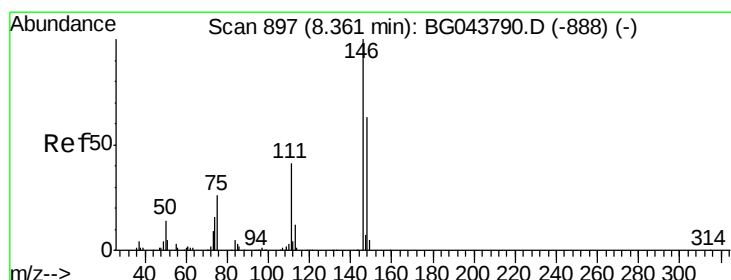
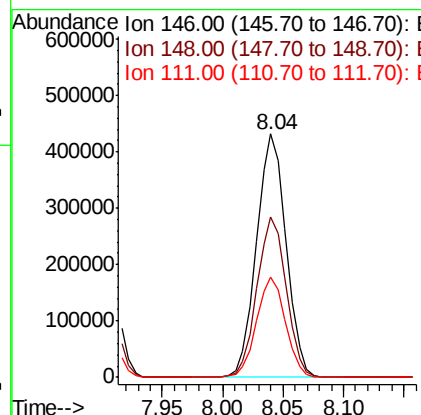
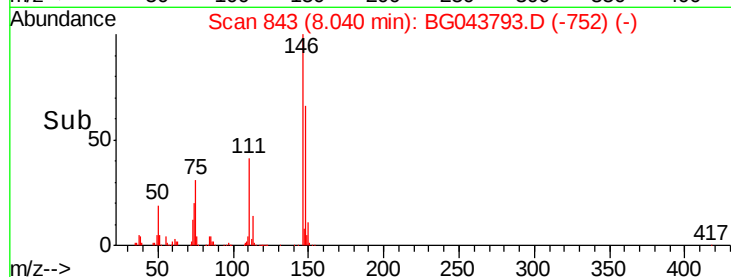
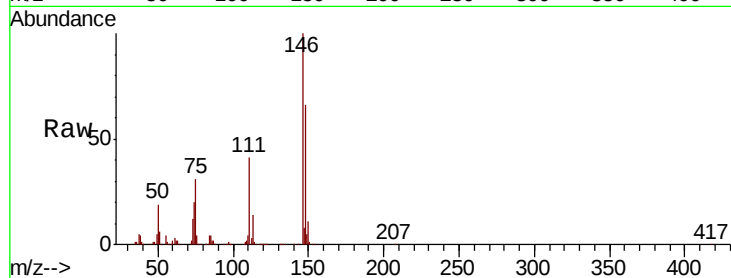
ClientSampleId :

SSTDIC080

Tot Ion:	146	Resp:	733831
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.8	77.8
111	41.4	31.4	47.2

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#14

1,2-Dichlorobenzene

Concen: 73.117 ng

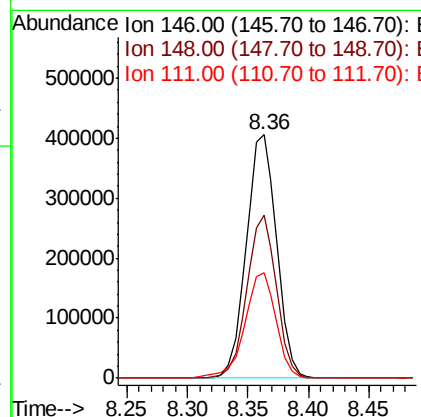
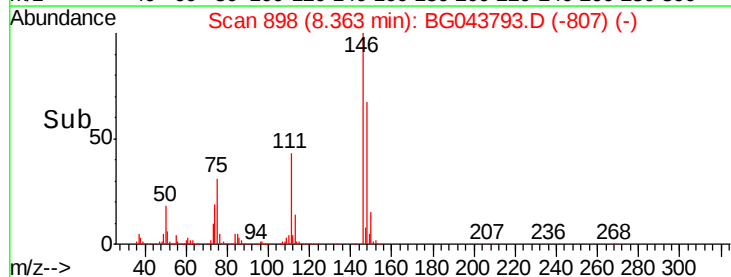
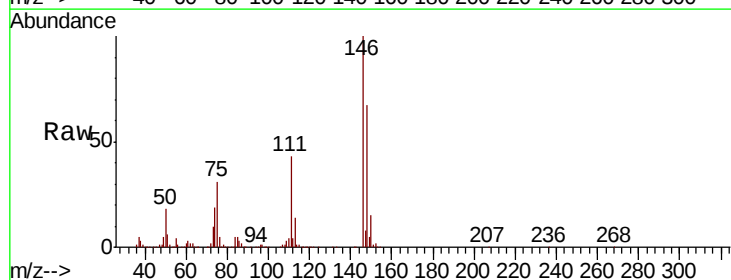
RT: 8.36 min Scan# 898

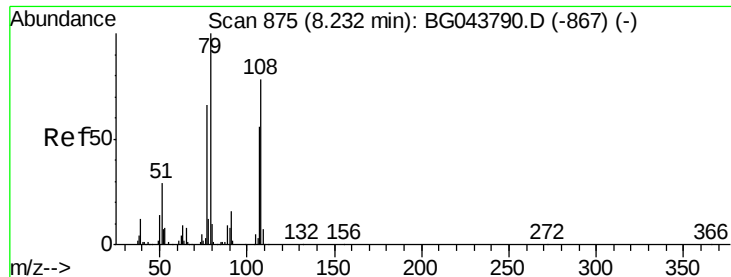
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	146	Resp:	709014
Ion Ratio	Lower	Upper	
146	100		
148	67.0	50.2	75.2
111	43.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 70.116 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

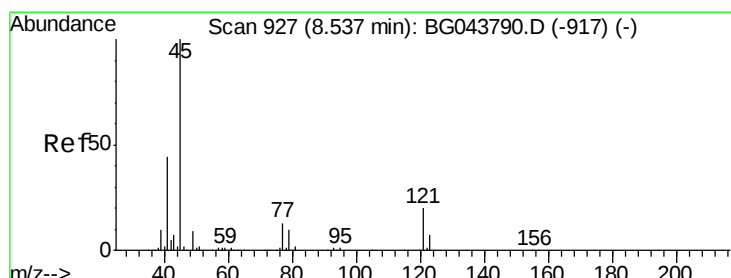
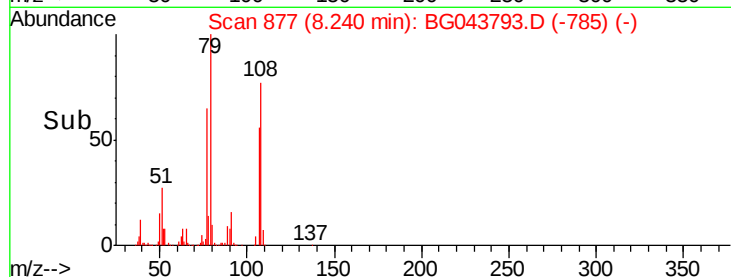
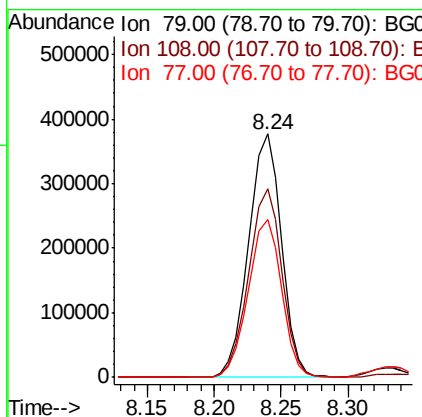
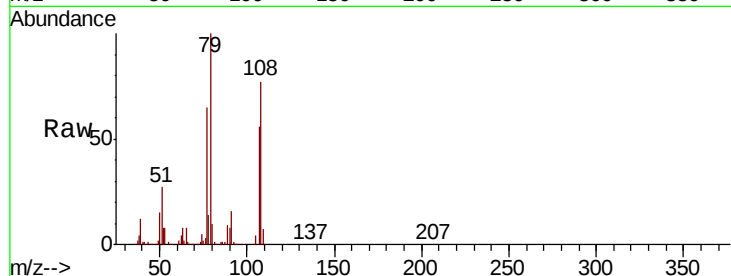
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	641563
Ion Ratio	Lower	Upper	
79	100		
108	77.2	62.2	93.2
77	64.6	52.8	79.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.517 ng

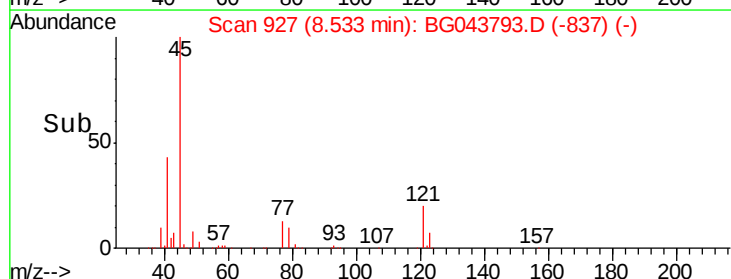
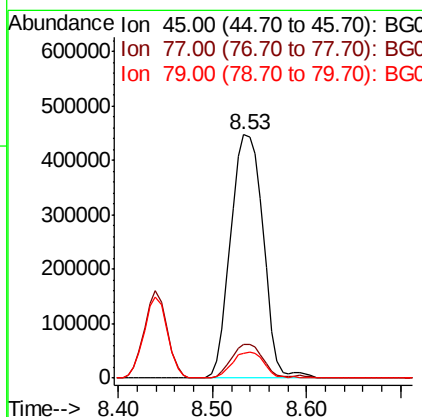
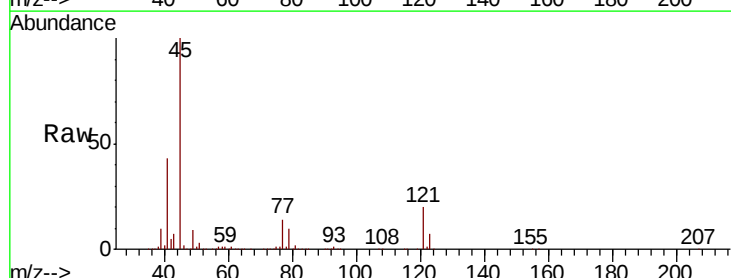
RT: 8.53 min Scan# 927

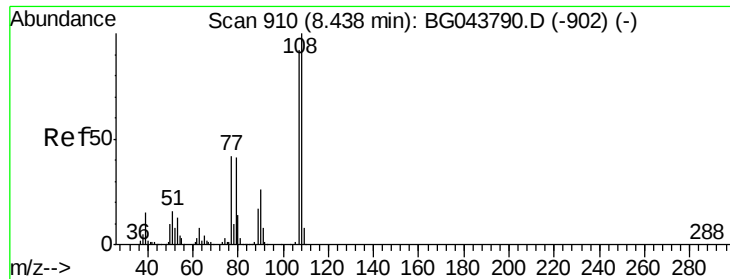
Delta R.T. -0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	45	Resp:	1073676
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.6
79	10.3	0.0	29.9





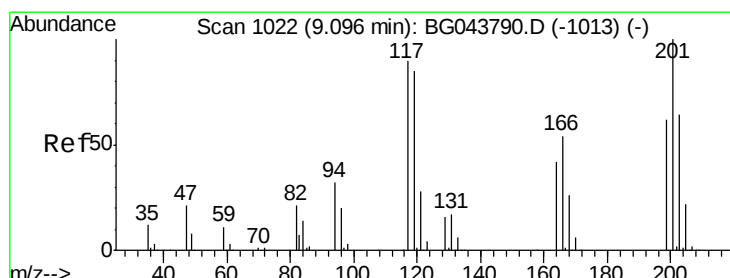
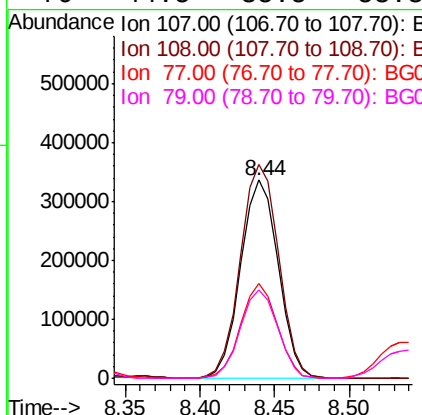
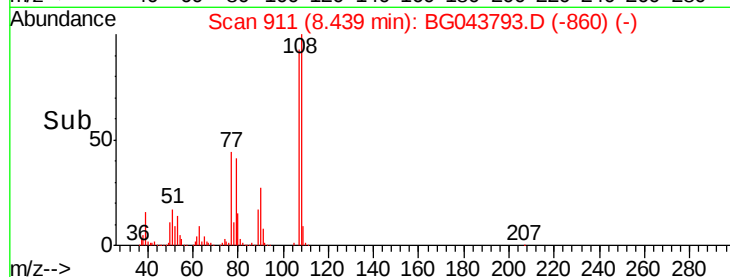
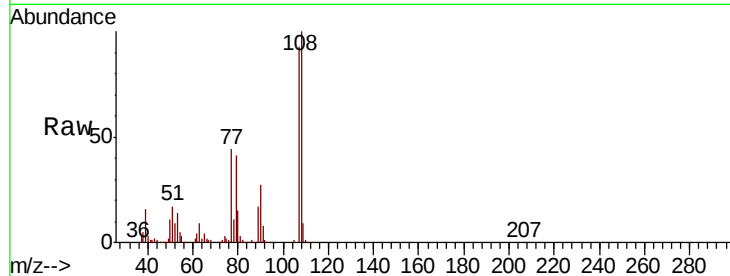
#17
2-Methylphenol
Concen: 72.821 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	87.2	130.8	
77	47.5	36.6	54.8	
79	44.5	35.5	53.3	

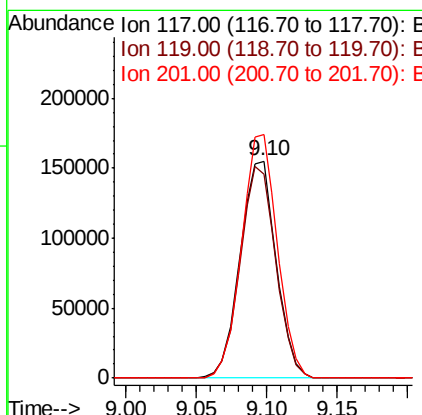
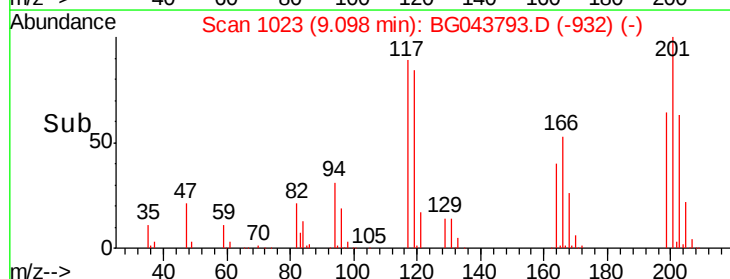
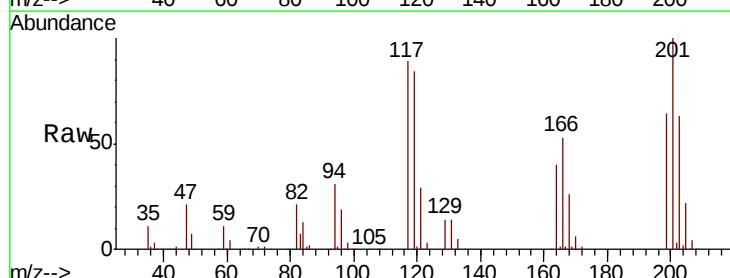
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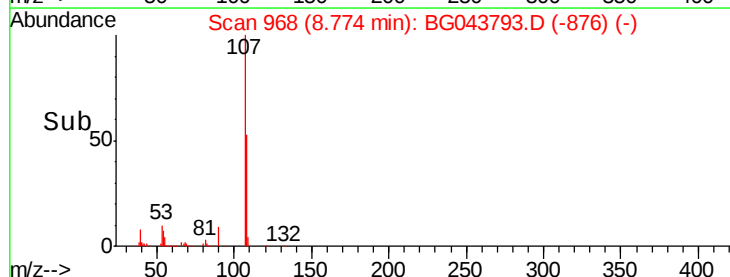
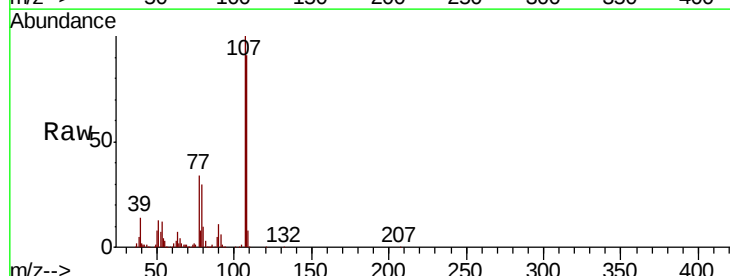
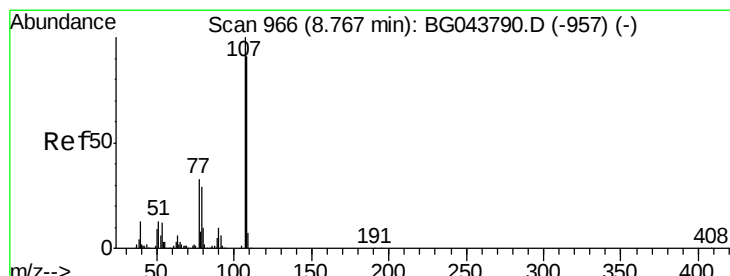
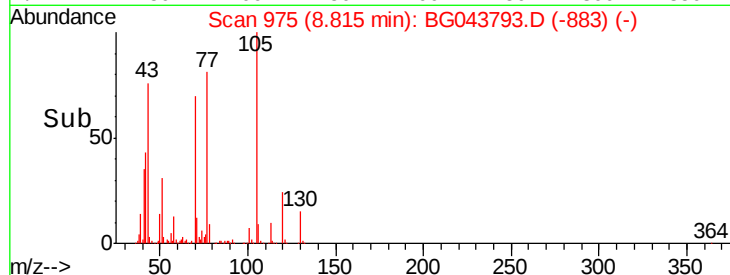
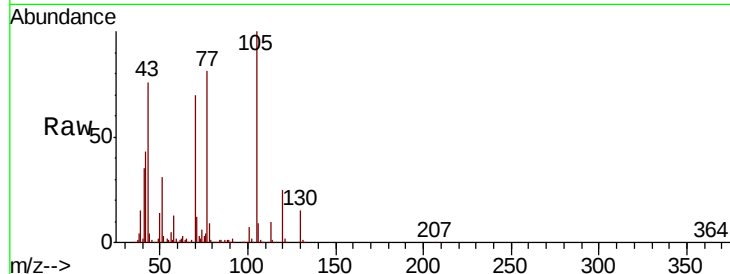
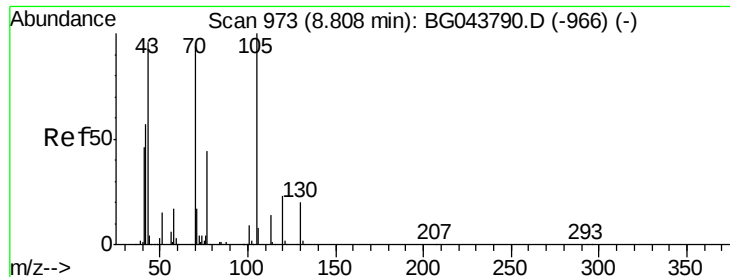
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#18
Hexachloroethane
Concen: 71.450 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

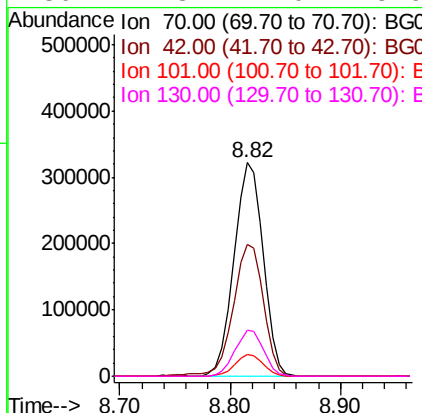
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.6	113.4	
201	112.2	88.6	133.0	





#19
n-Nitroso-di-n-propylamine
Concen: 69.474 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.8		49.2	73.8	
101	10.2		7.8	11.6	
130	21.3		17.0	25.6	



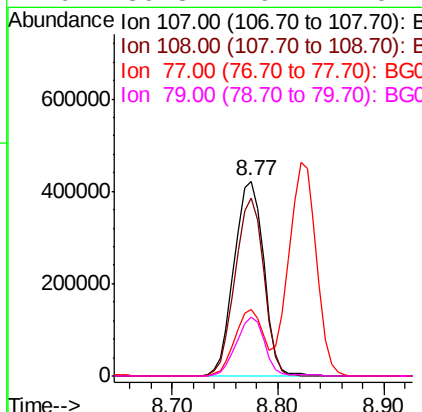
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

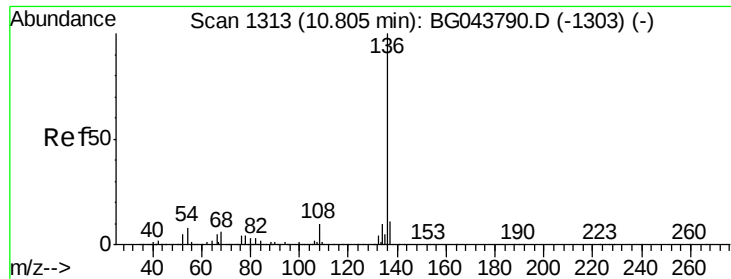
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#20
3+4-Methylphenols
Concen: 73.356 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.1		70.9	110.9	
77	34.2		12.7	52.7	
79	30.3		9.1	49.1	





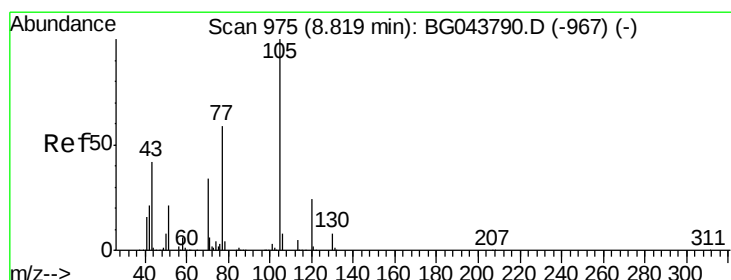
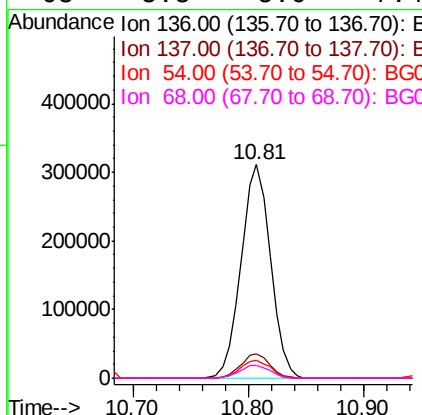
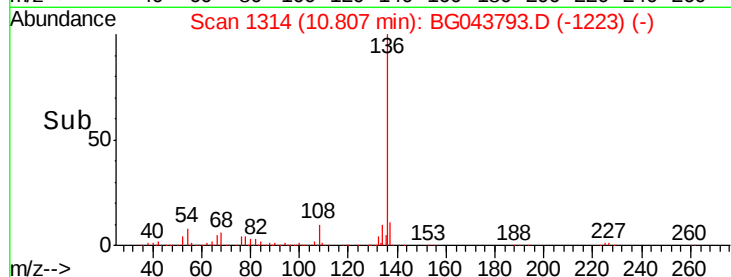
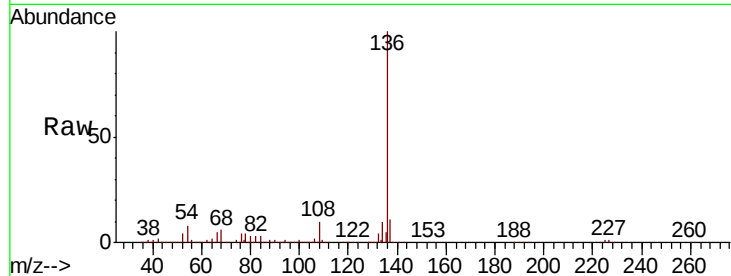
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		549859		
137	11.2	8.7	13.1		
54	8.5	6.8	10.2		
68	5.8	5.0	7.4		

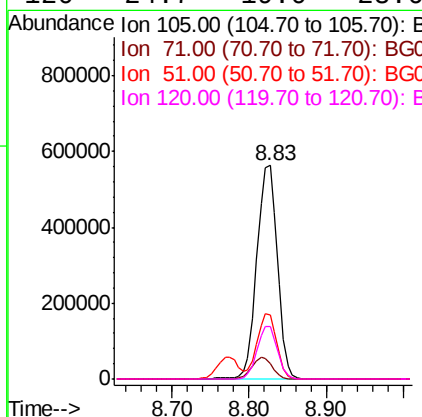
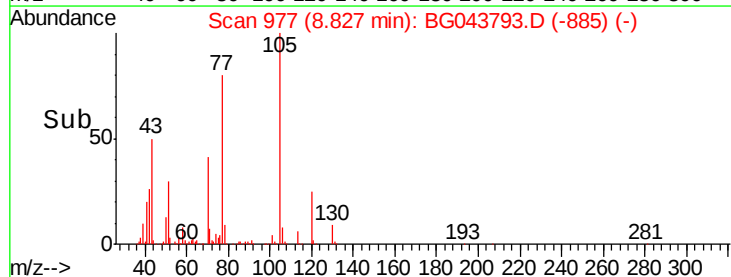
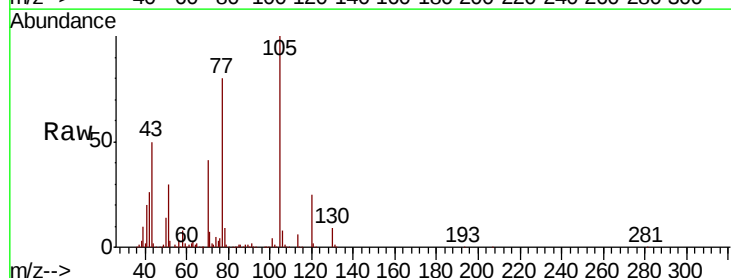
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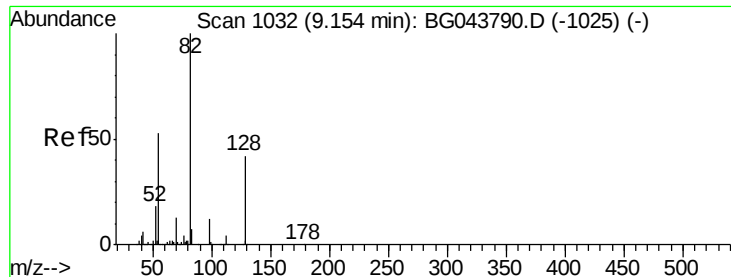
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#22
Acetophenone
Concen: 72.675 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1059142		
71	7.4	4.9	7.3#		
51	30.1	22.2	33.4		
120	24.7	19.0	28.6		





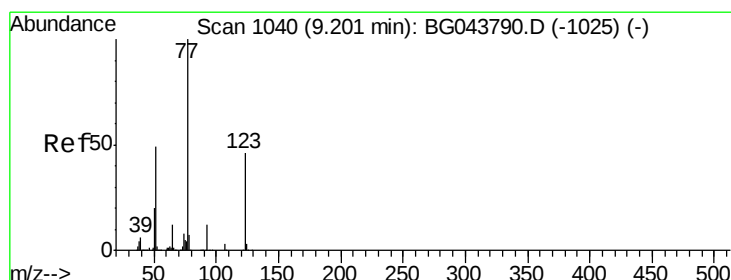
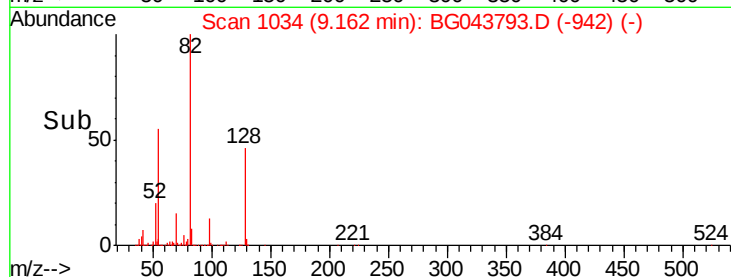
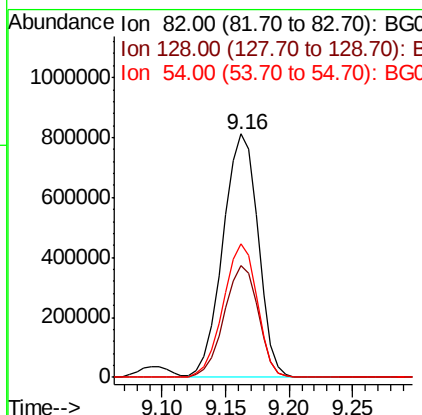
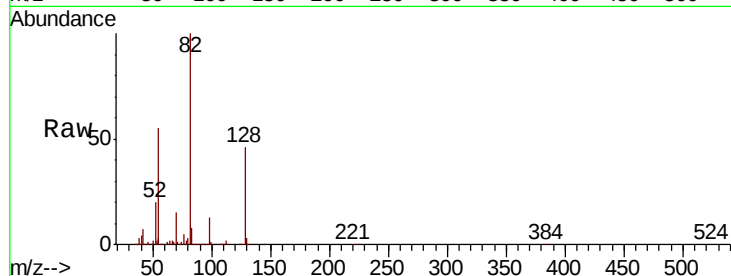
#23
Nitrobenzene-d5
Concen: 155.709 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion: 82 Resp: 1557191
Ion Ratio Lower Upper
82 100
128 45.9 33.6 50.4
54 54.9 42.1 63.1

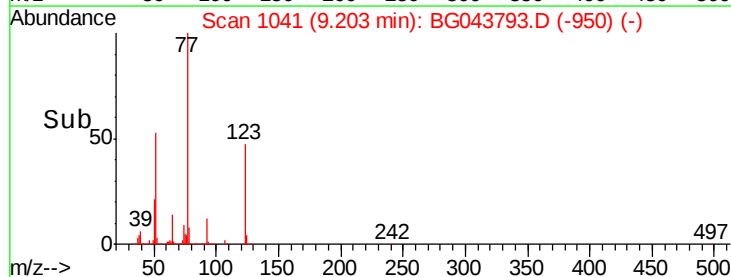
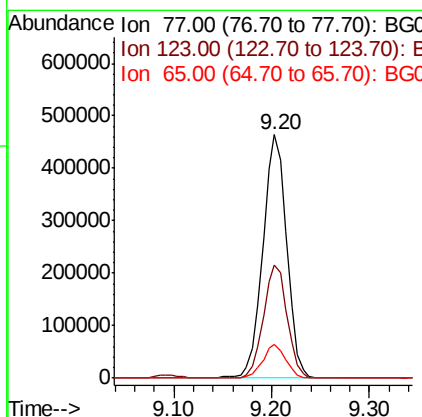
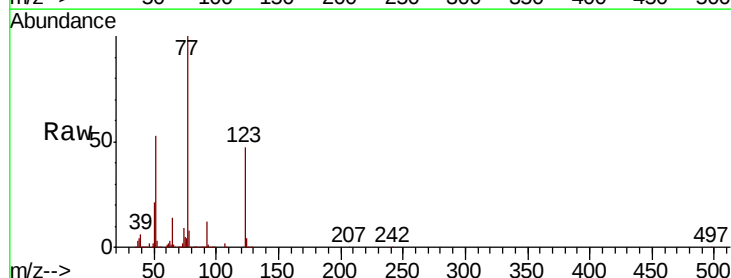
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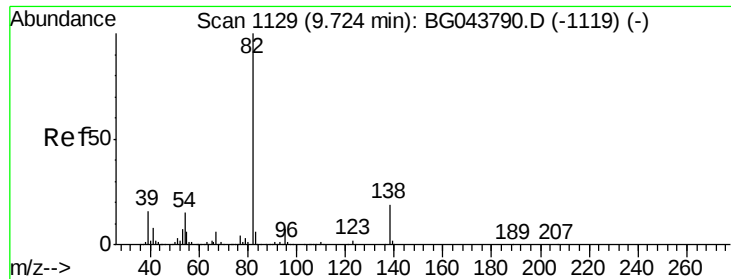
mohammad
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#24
Nitrobenzene
Concen: 77.514 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion: 77 Resp: 796812
Ion Ratio Lower Upper
77 100
123 46.7 36.6 55.0
65 13.9 9.8 14.6





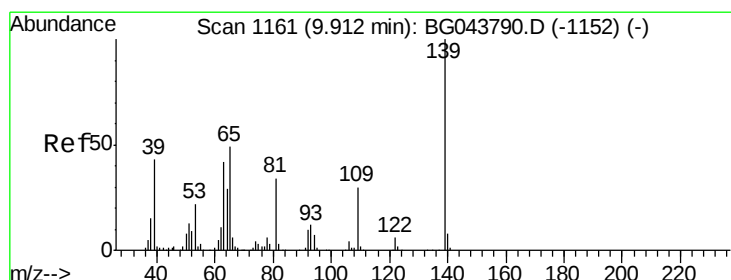
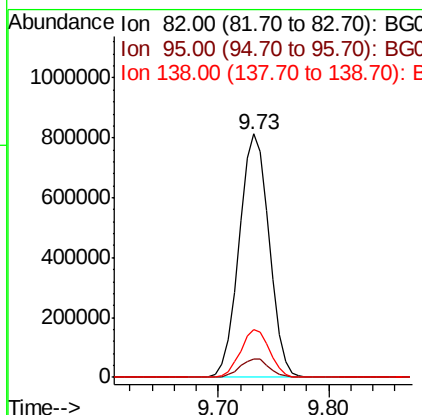
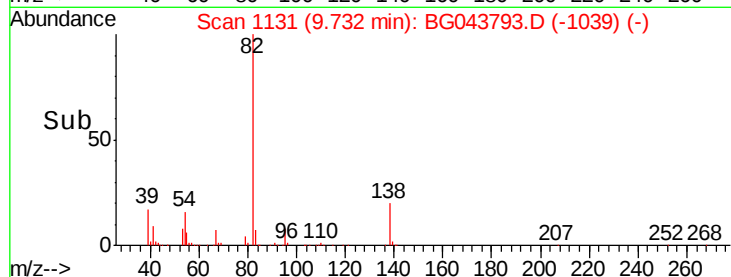
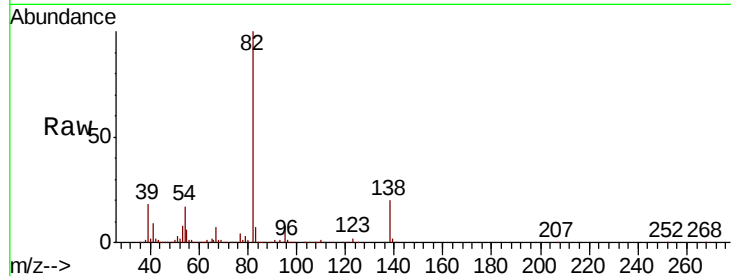
#25
Isophorone
Concen: 72.197 ng
RT: 9.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion: 82 Resp: 1548167
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 19.5 14.8 22.2

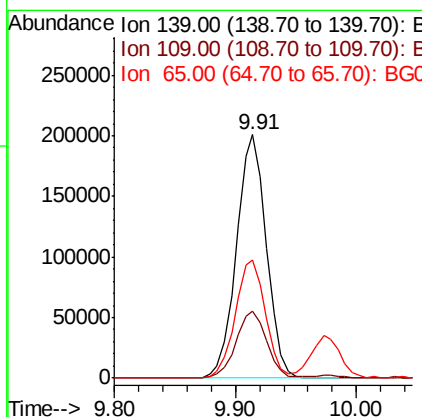
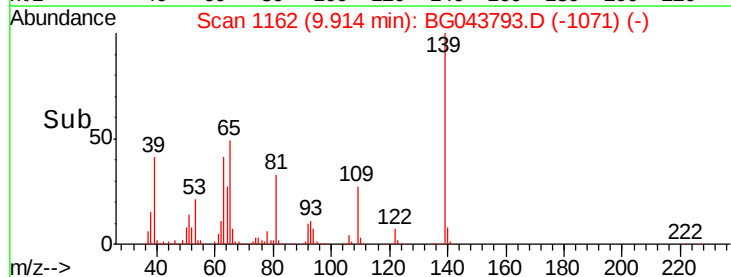
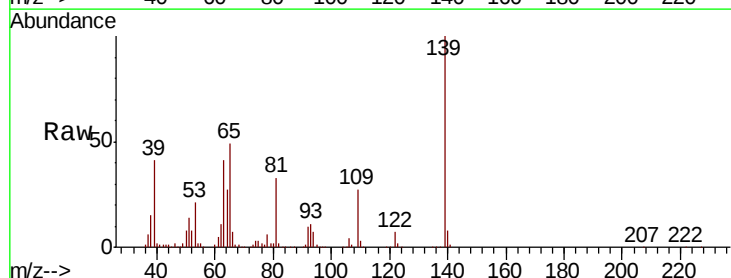
Manual Integrations
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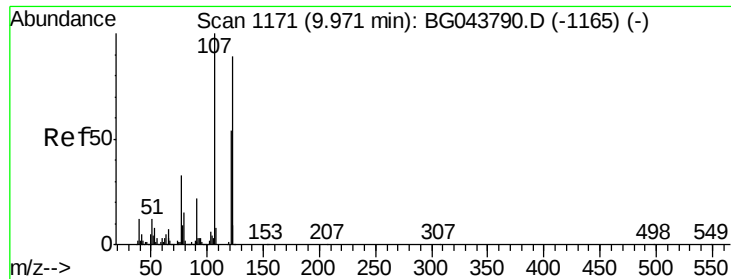
mohammad
12/10/2019 11:51:06 AM



#26
2-Nitrophenol
Concen: 92.968 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion: 139 Resp: 344795
Ion Ratio Lower Upper
139 100
109 27.3 23.9 35.9
65 48.5 39.3 58.9





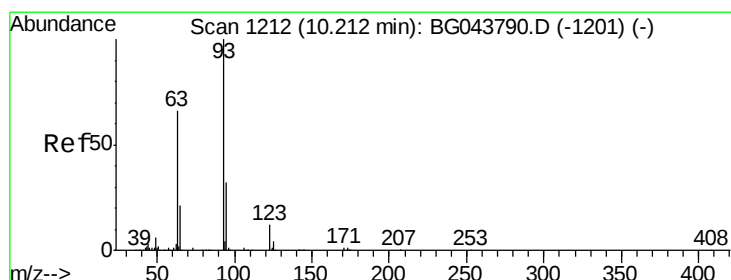
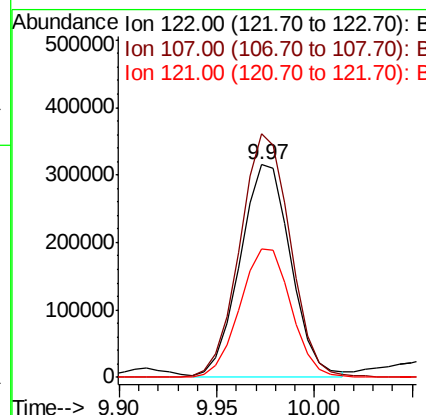
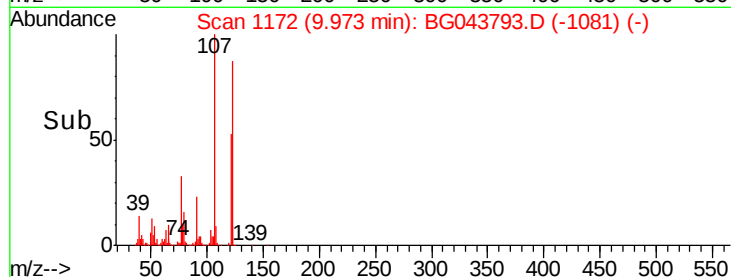
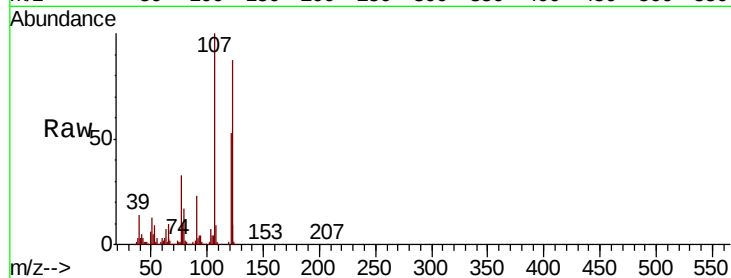
#27
2,4-Dimethylphenol
Concen: 77.956 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	90.0	135.0
121	60.5	48.6	73.0

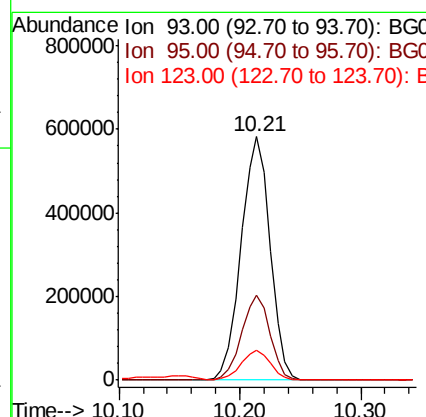
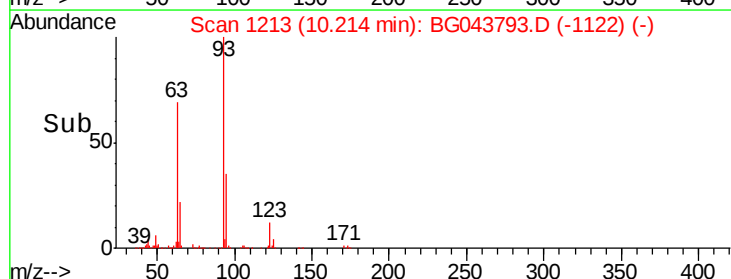
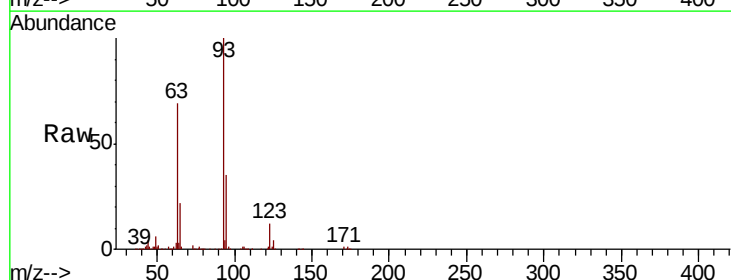
Manual Integrations
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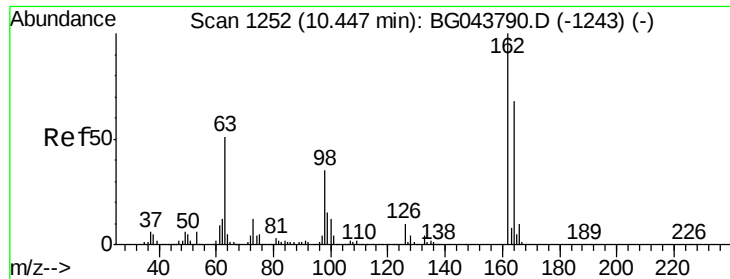
mohammad
12/10/2019 11:51:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 73.534 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	25.7	38.5
123	12.4	9.5	14.3





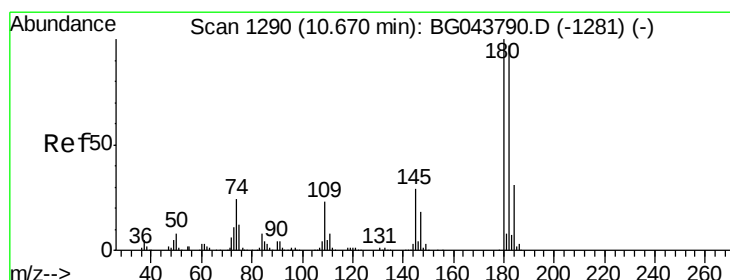
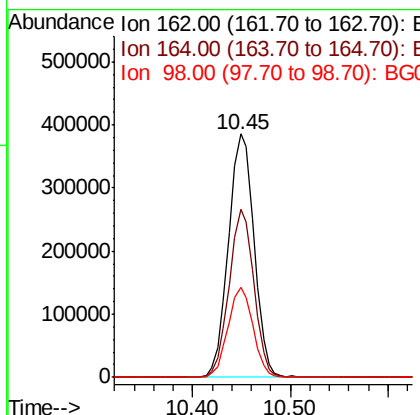
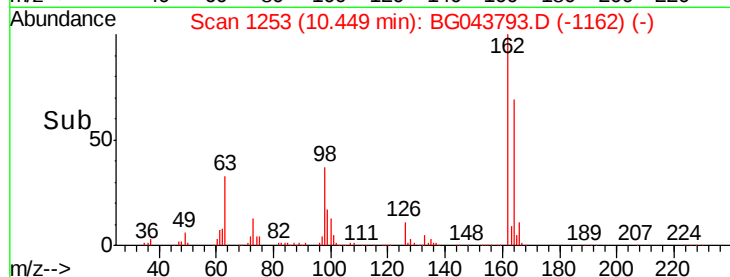
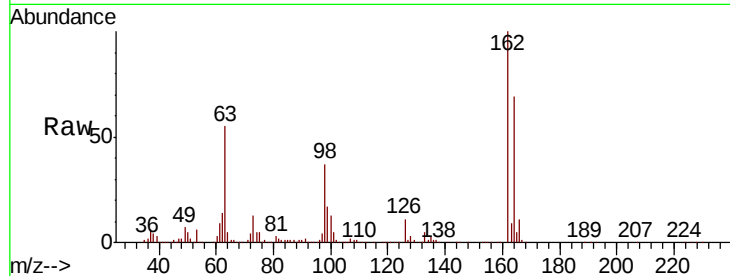
#29
2,4-Dichlorophenol
Concen: 79.560 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	704357		
164	69.2	48.0	88.0	
98	37.2	14.9	54.9	

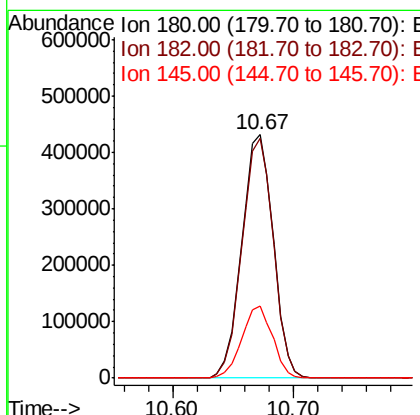
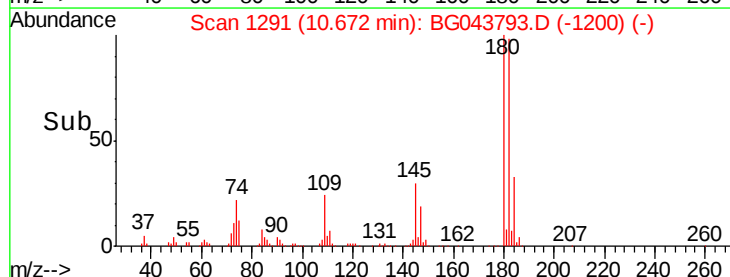
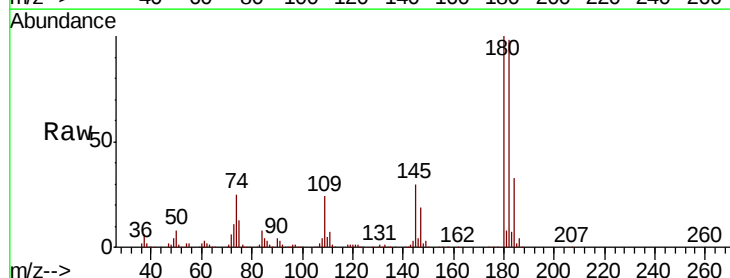
Manual Integrations
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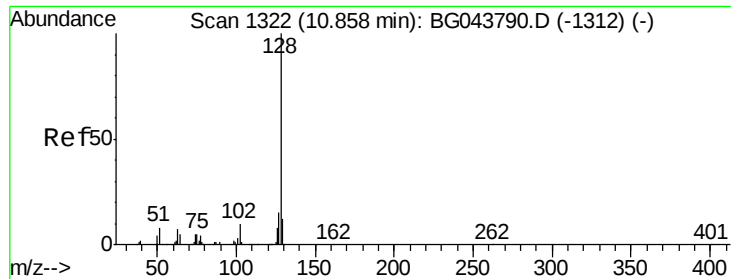
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 75.687 ng
RT: 10.67 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	785206		
182	98.3	77.8	116.8	
145	29.7	23.0	34.6	





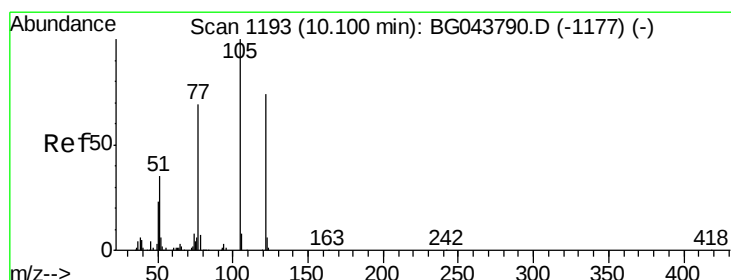
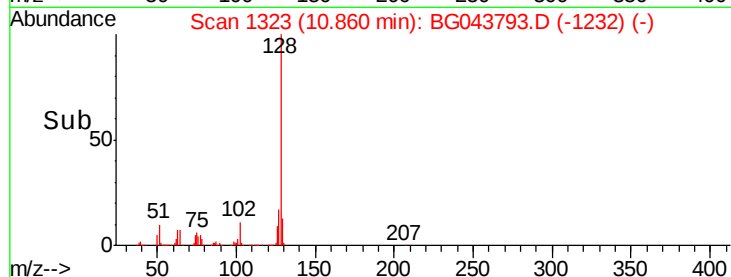
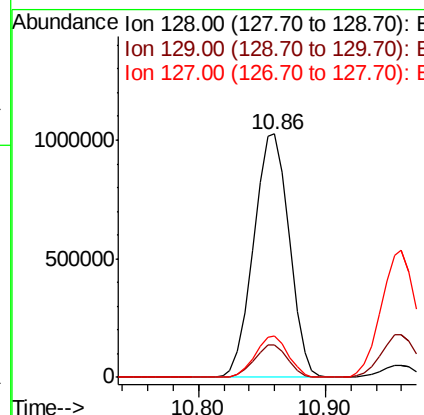
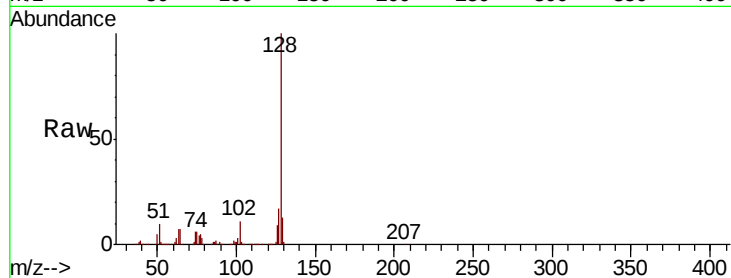
#31
Naphthalene
Concen: 73.499 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.8	14.6
127	16.8	11.9	17.9

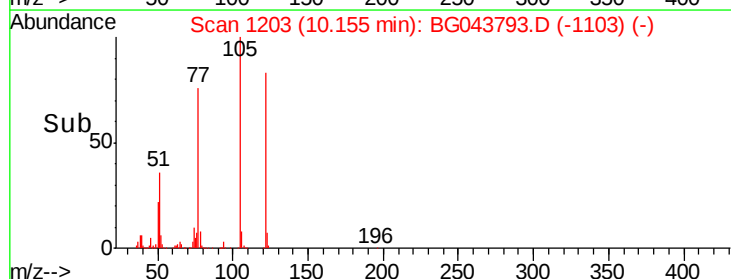
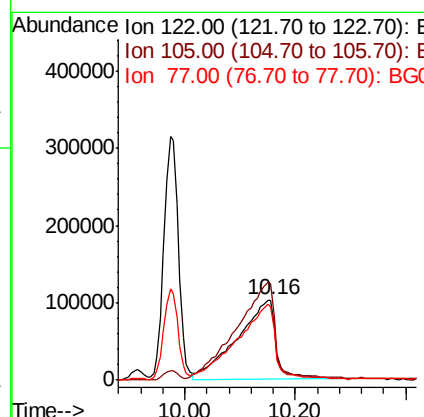
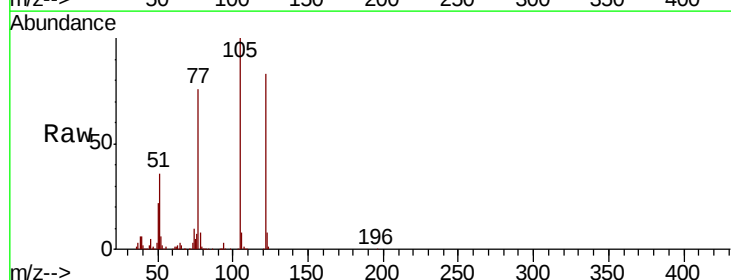
Manual Integrations
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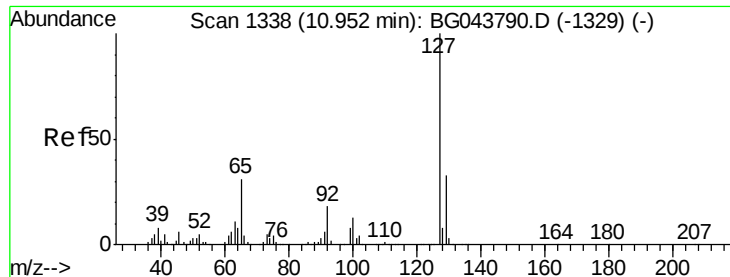
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#32
Benzoic acid
Concen: 93.567 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.05 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	107.5	147.5
77	91.3	71.7	111.7





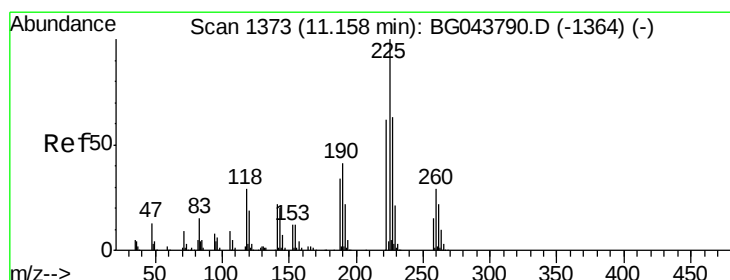
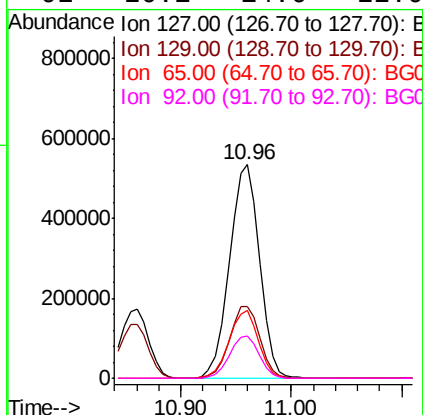
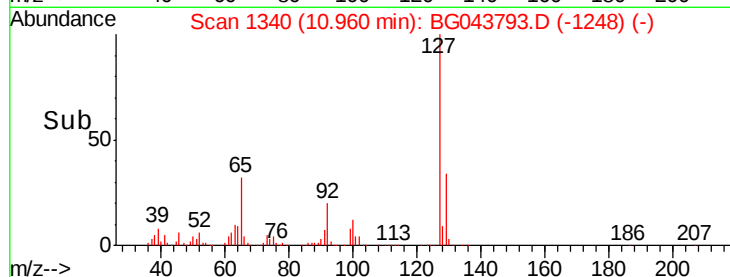
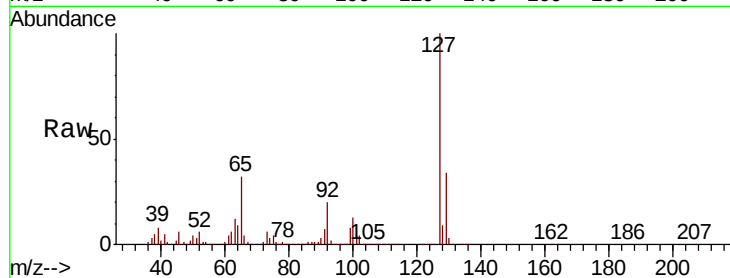
#33
4-Chloroaniline
Concen: 77.417 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.6	26.1	39.1	
65	31.9	24.4	36.6	
92	20.1	14.6	22.0	

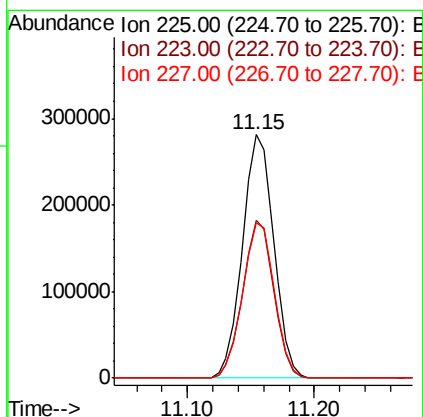
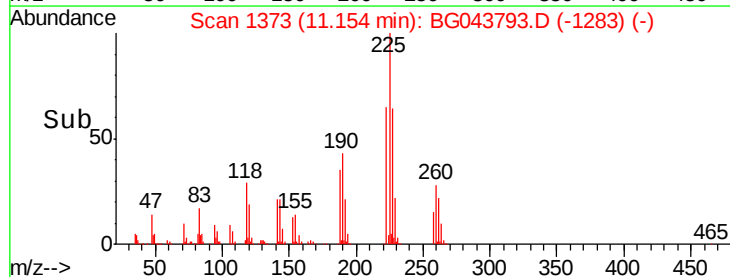
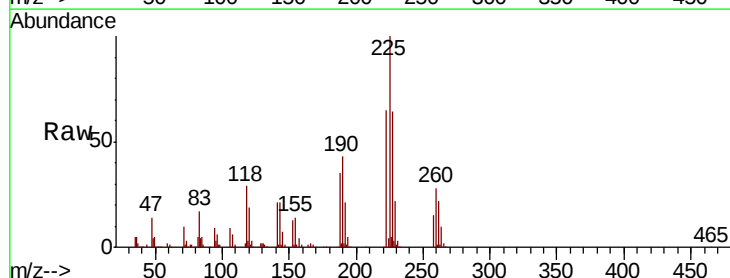
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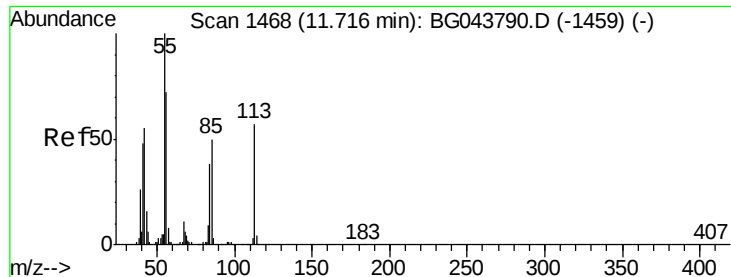
mohammad
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#34
Hexachlorobutadiene
Concen: 70.784 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.8	49.3	73.9	
227	64.0	50.2	75.2	





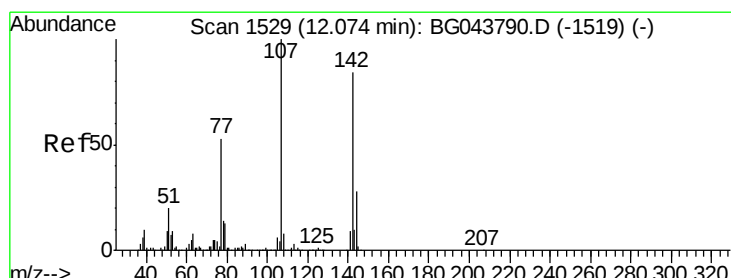
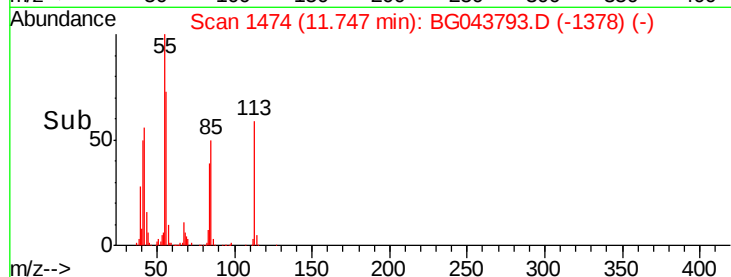
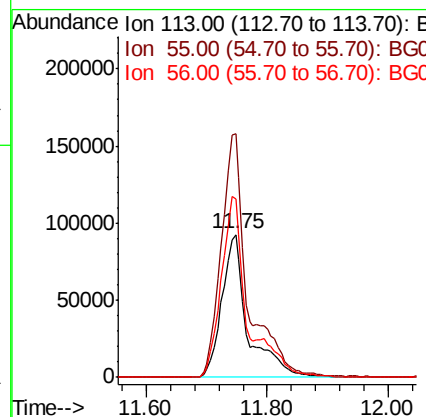
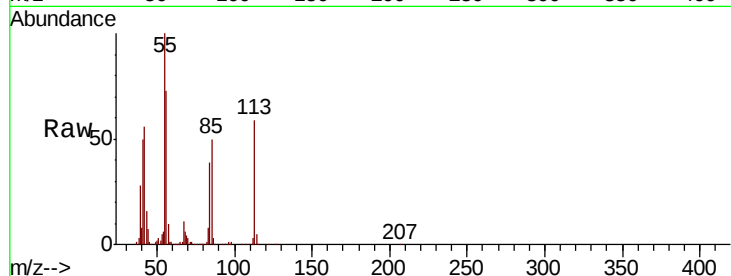
#35
Caprolactam
Concen: 76.992 ng
RT: 11.75 min Scan# 1474
Delta R.T. 0.03 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.8	154.2	194.2
56	125.4	105.6	145.6

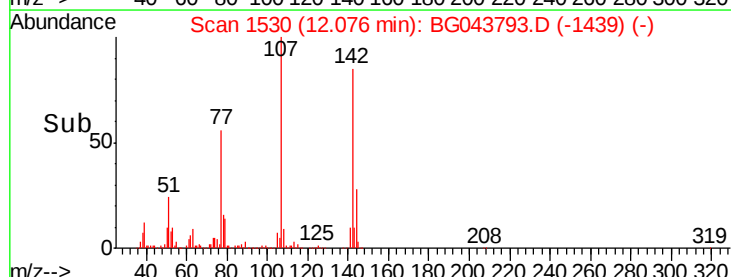
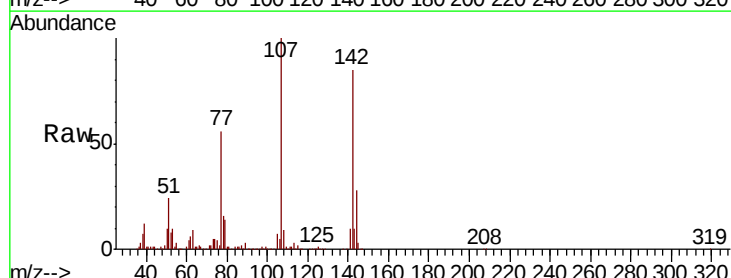
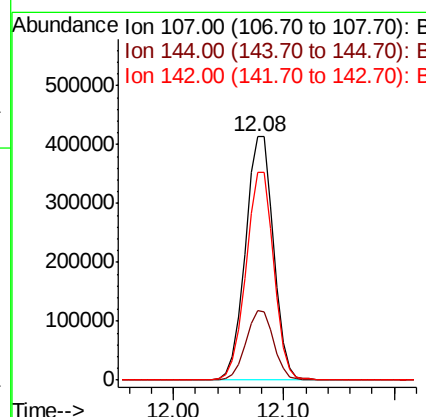
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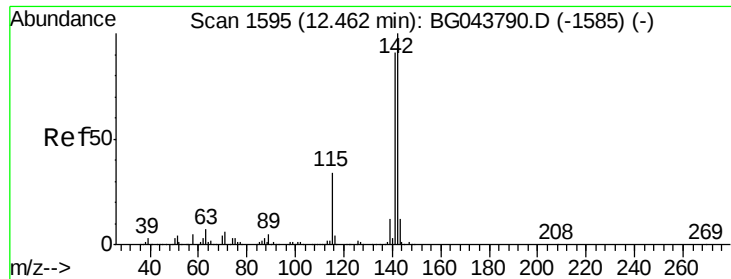
mohammad
12/10/2019 11:51:06 AM



#36
4-Chloro-3-methylphenol
Concen: 74.855 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.2	33.4
142	85.4	67.0	100.6





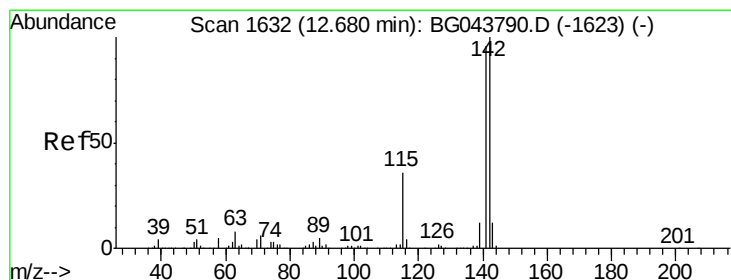
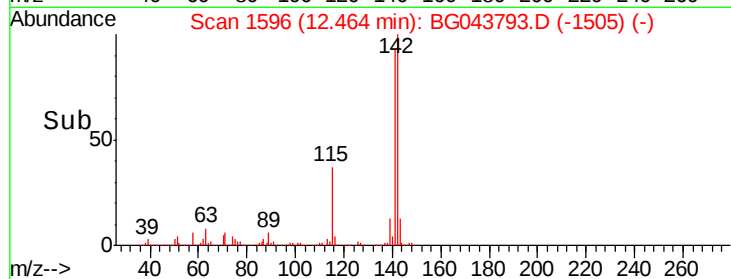
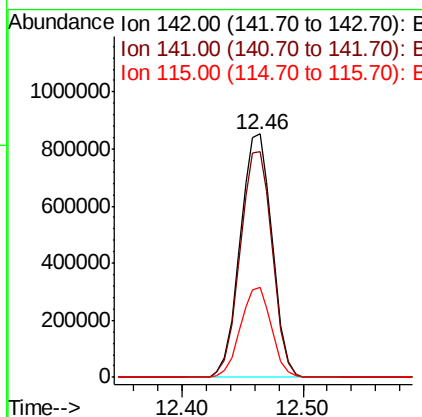
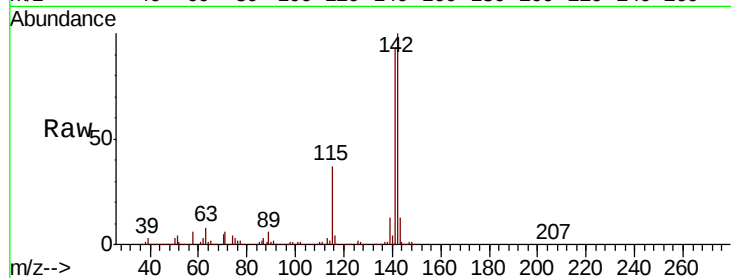
#37
 2-Methylnaphthalene
 Concen: 76.296 ng
 RT: 12.46 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.2	109.8
115	36.7	27.3	40.9

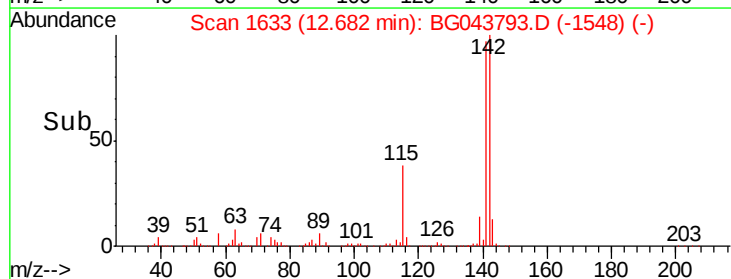
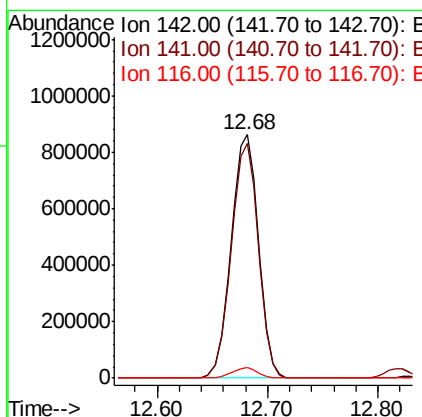
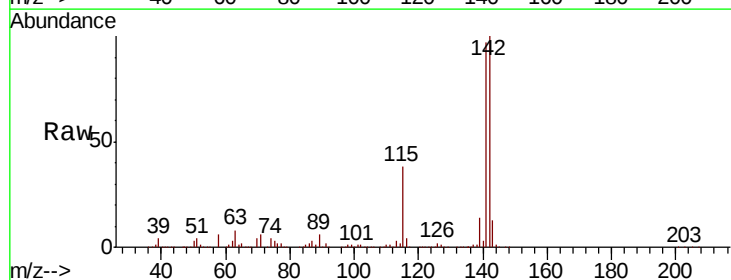
Manual Integrations
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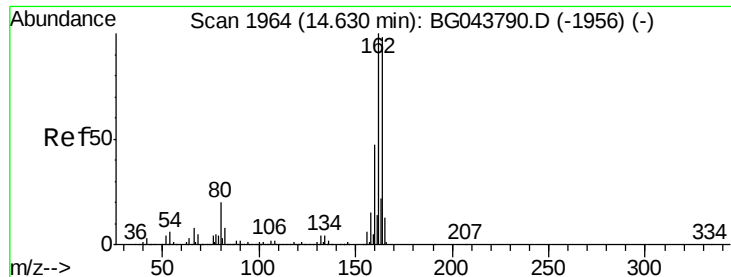
mohammad
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#38
 1-Methylnaphthalene
 Concen: 76.537 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	76.9	115.3
116	4.2	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

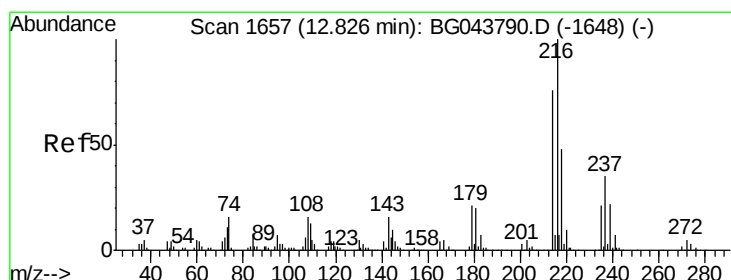
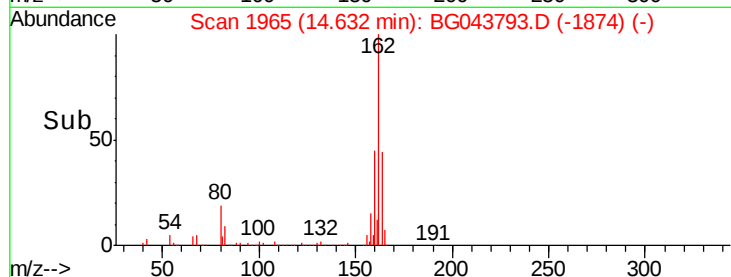
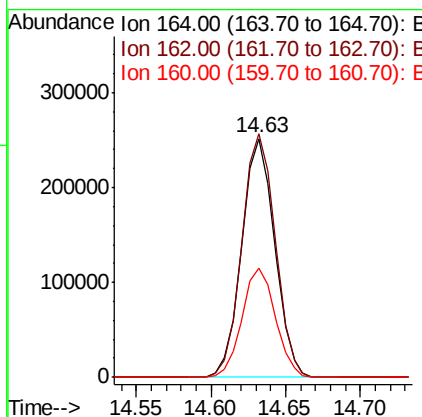
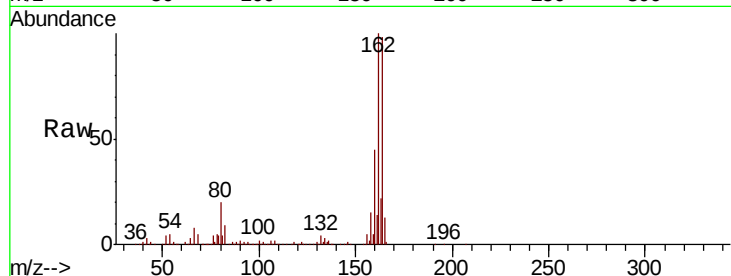
ClientSampleId :

SSTDIC080

Tot Ion:	164	Resp:	383934
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.9	122.9
160	45.8	38.3	57.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 73.627 ng

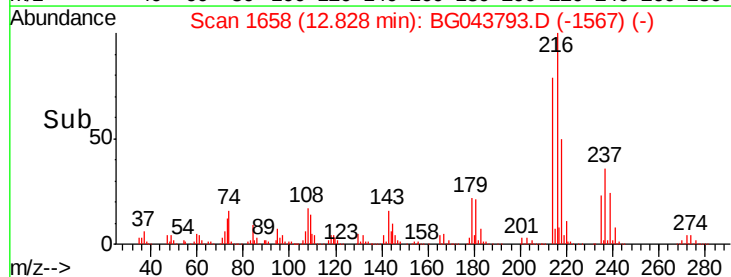
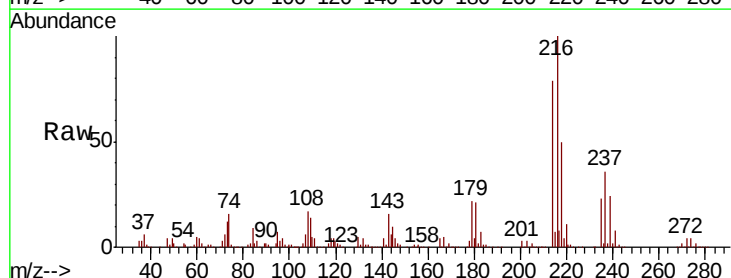
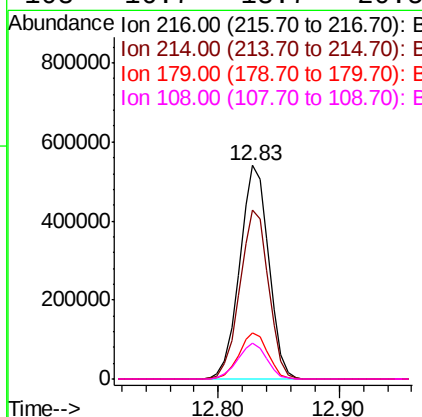
RT: 12.83 min Scan# 1658

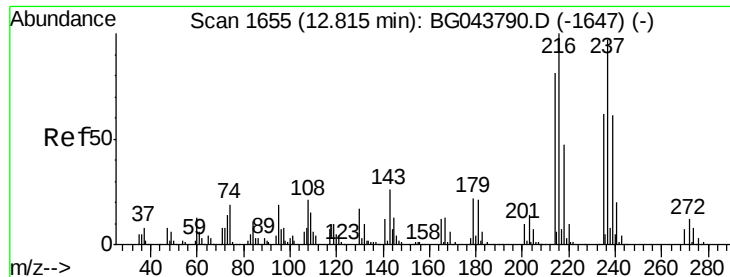
Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	216	Resp:	899469
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.2	93.4
179	21.7	16.6	25.0
108	16.7	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 69.661 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

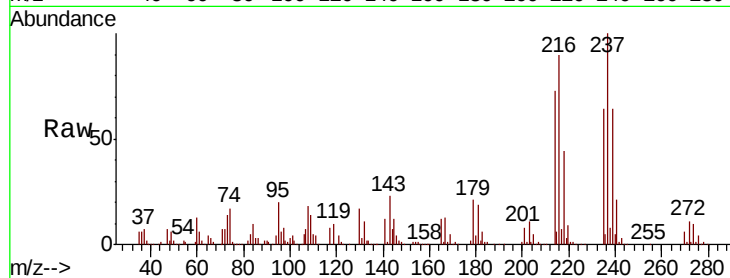
ClientSampleId :

SSTDICC080

Tot Ion:	237	Resp:	459790
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.9	83.9
272	11.4	0.0	32.0

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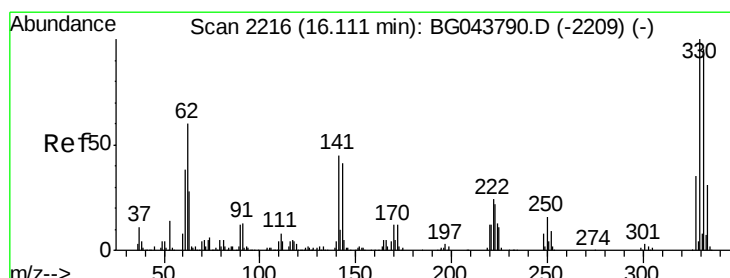
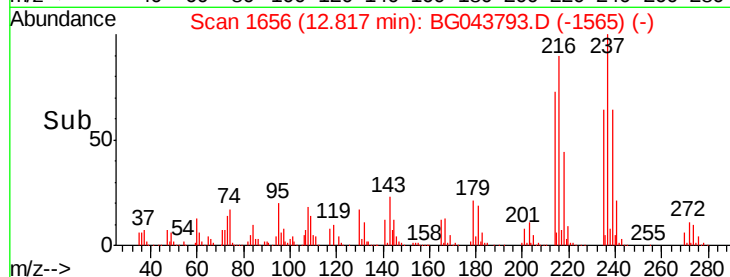
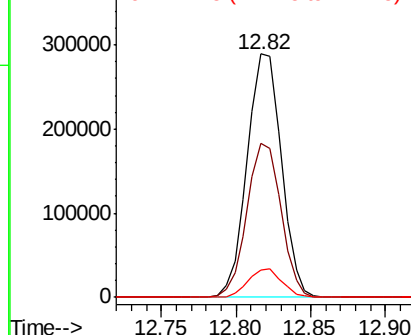


Abundance

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: 130.427 ng

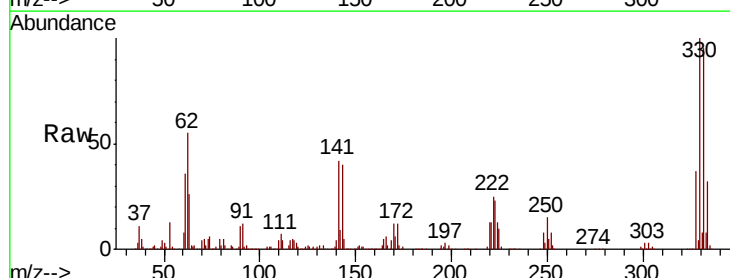
RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Tgt Ion:	330	Resp:	603984
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	42.4	33.8	50.8

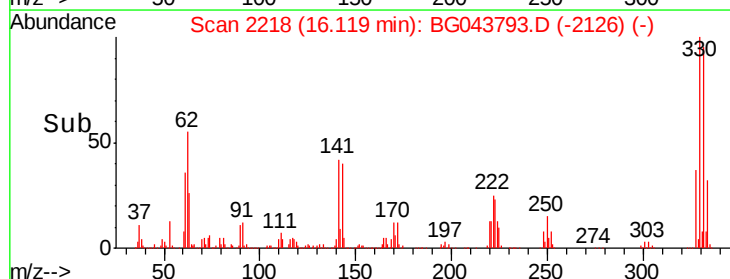
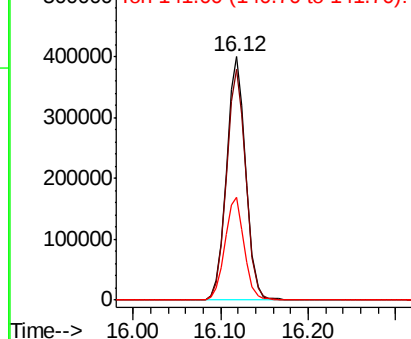


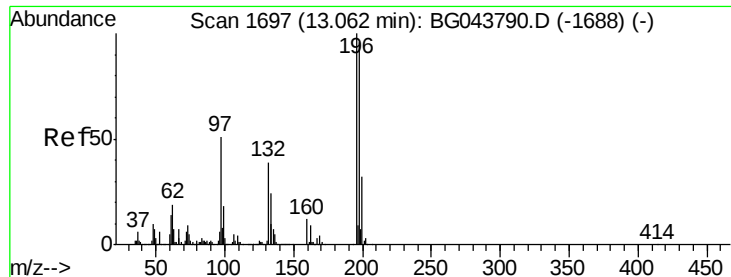
Abundance

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





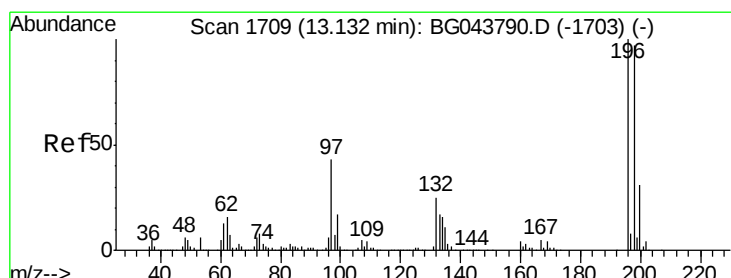
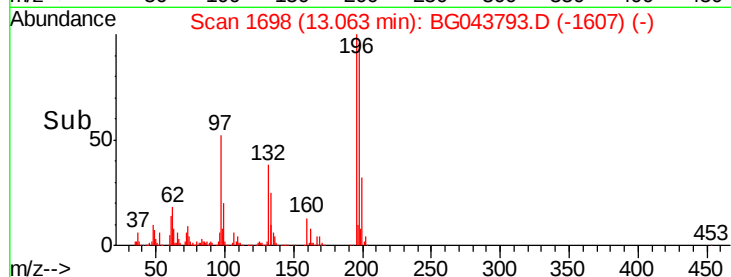
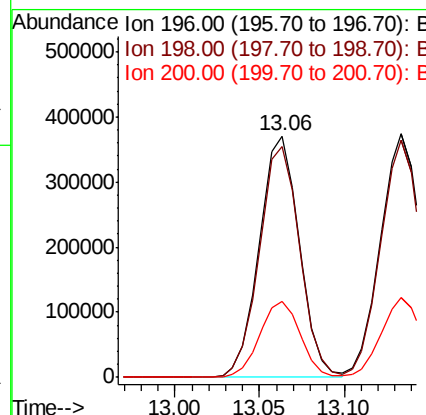
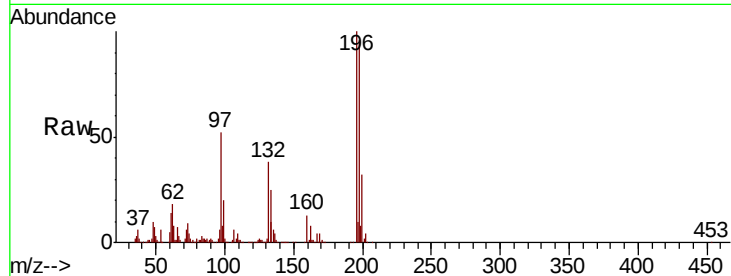
#43
 2,4,6-Trichlorophenol
 Concen: 77.721 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.6
200	31.7	25.7	38.5

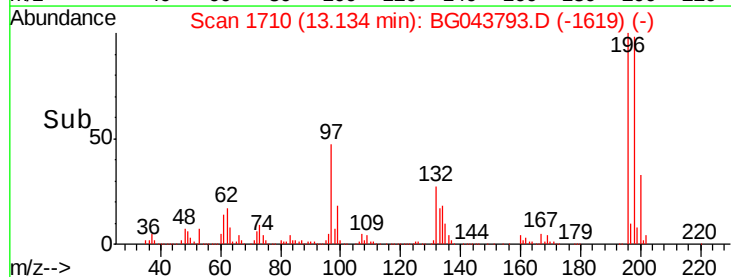
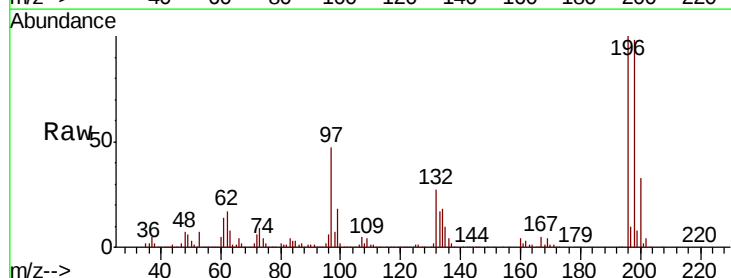
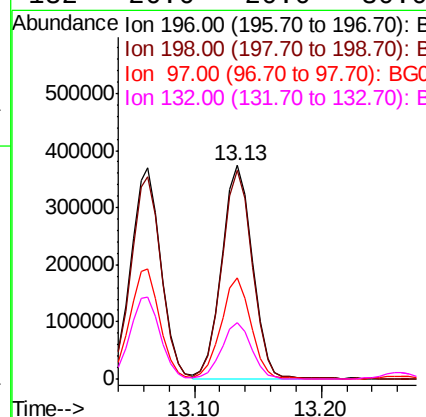
Manual Integrations
 APPROVED

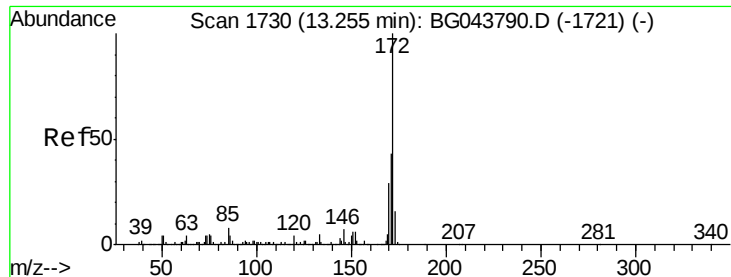
mohammad
 12/10/2019 11:51:06 AM



#44
 2,4,5-Trichlorophenol
 Concen: 77.095 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.4	116.0
97	47.4	34.7	52.1
132	26.6	20.0	30.0





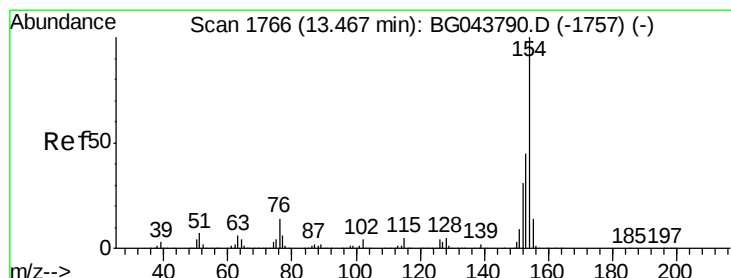
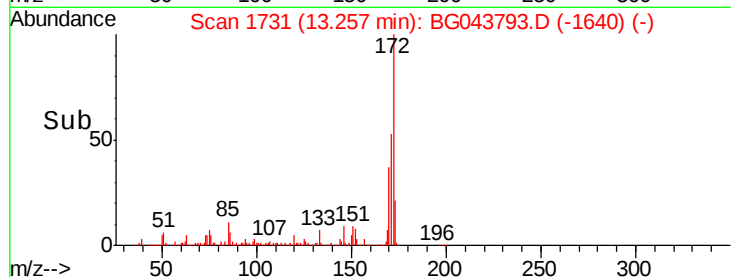
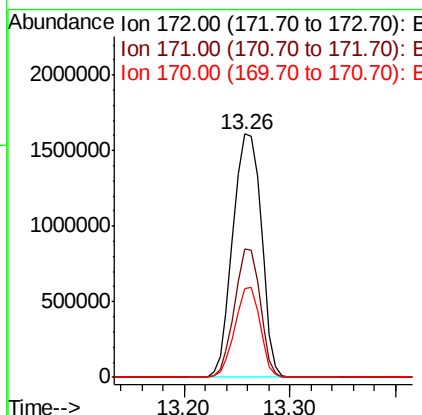
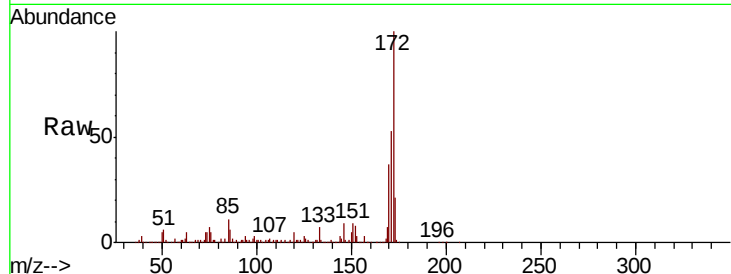
#45
2-Fluorobiphenyl
Concen: 128.650 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	52.8	34.6	51.8#
170	36.7	23.3	34.9#

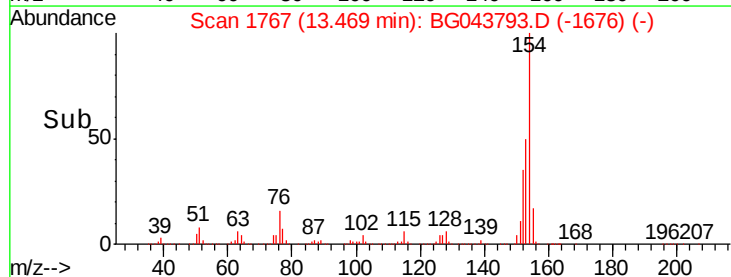
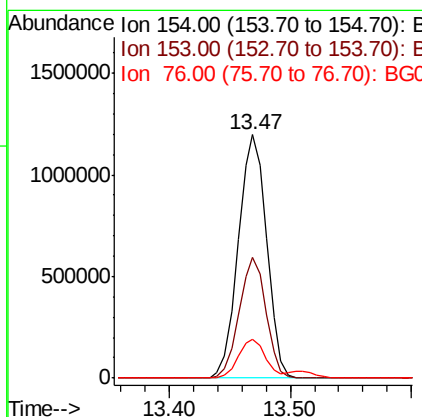
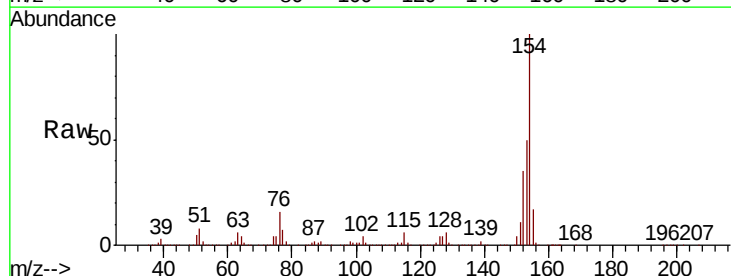
Manual Integrations
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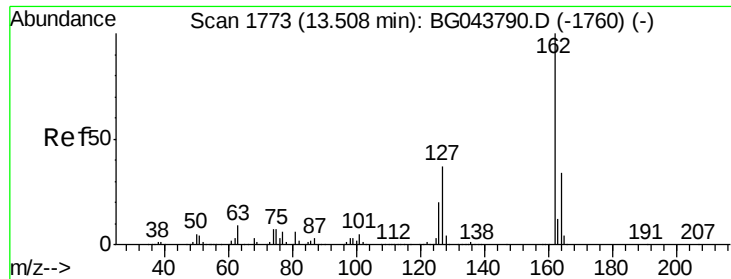
mohammad
12/10/2019 11:51:06 AM



#46
1,1'-Biphenyl
Concen: 73.355 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	49.8	24.5	64.5
76	16.1	0.0	33.9





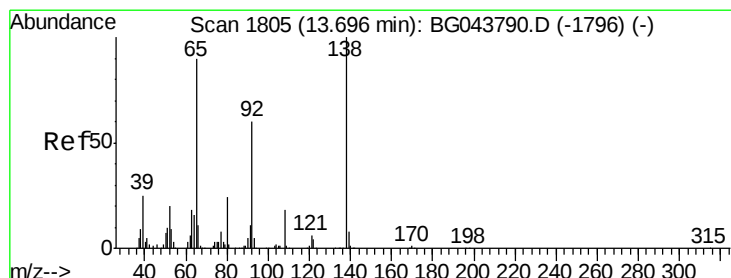
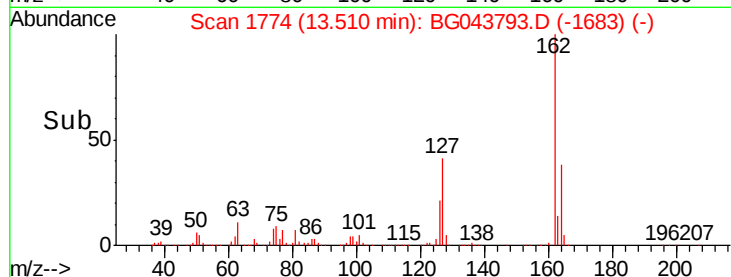
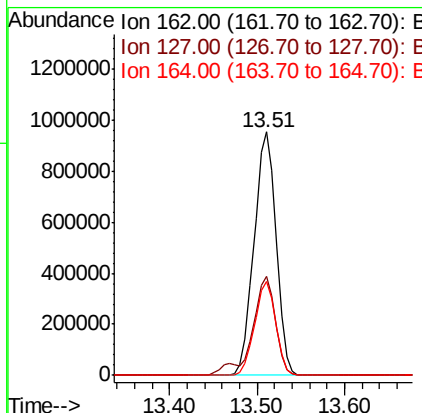
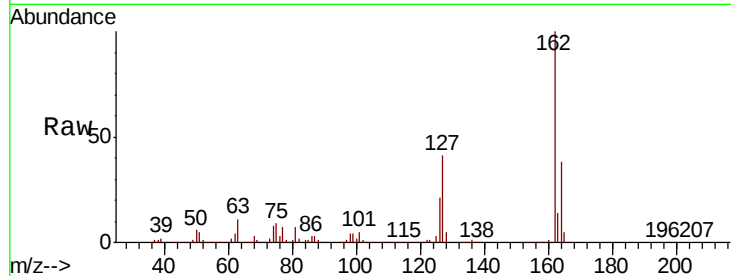
#47
2-Chloronaphthalene
Concen: 75.098 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.0	45.0
164	38.5	27.6	41.4

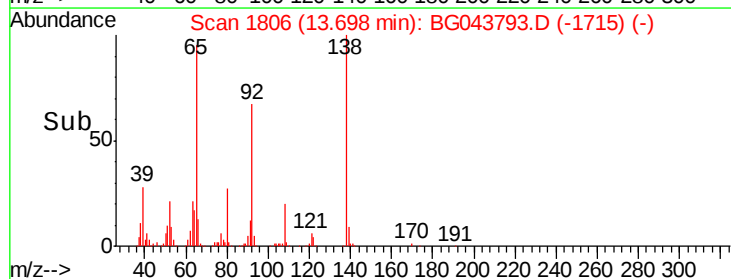
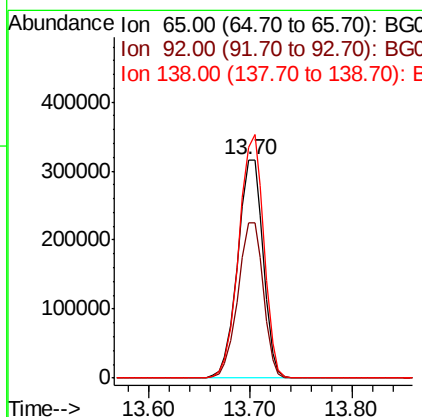
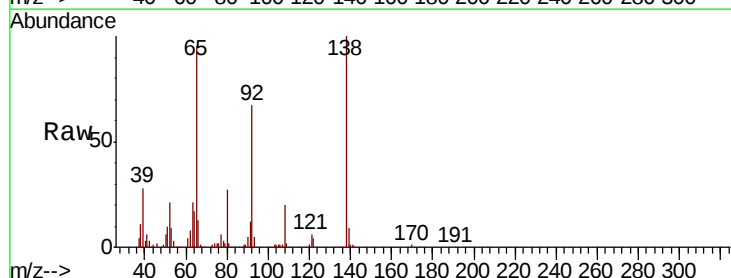
Manual Integrations
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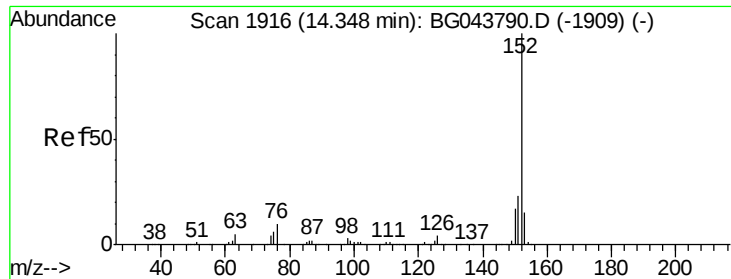
mohammad
12/10/2019 11:51:06 AM



#48
2-Nitroaniline
Concen: 86.907 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.7	80.5
138	105.7	88.8	133.2





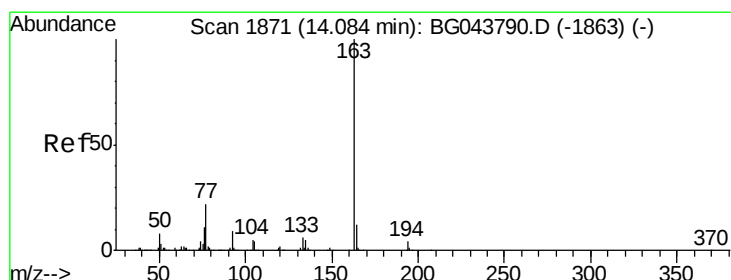
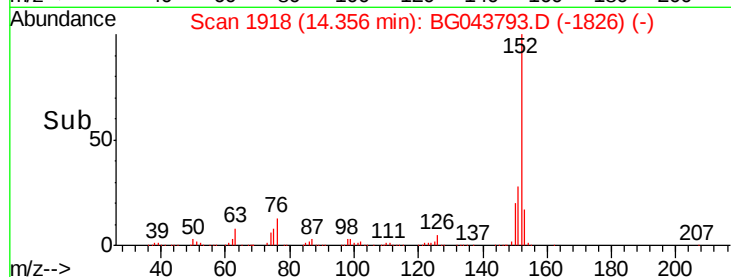
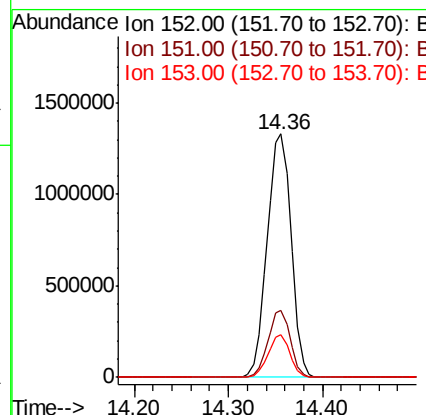
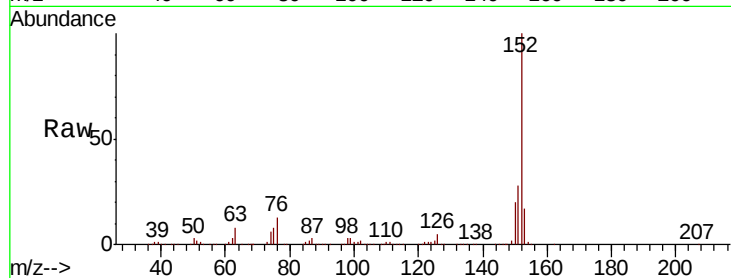
#49
Acenaphthylene
Concen: 68.967 ng
RT: 14.36 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
151	27.7	18.5	27.7
153	17.5	11.8	17.8

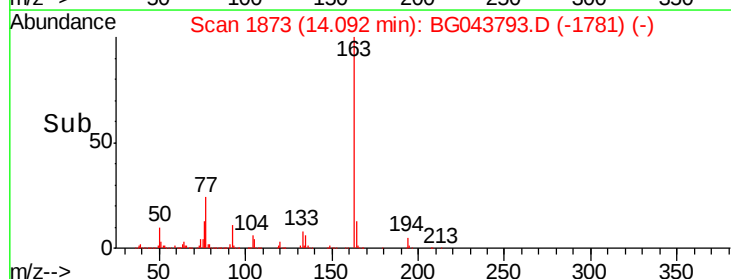
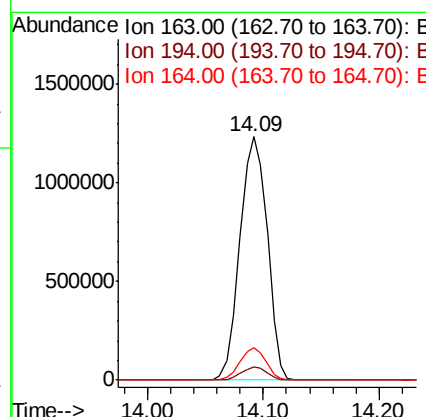
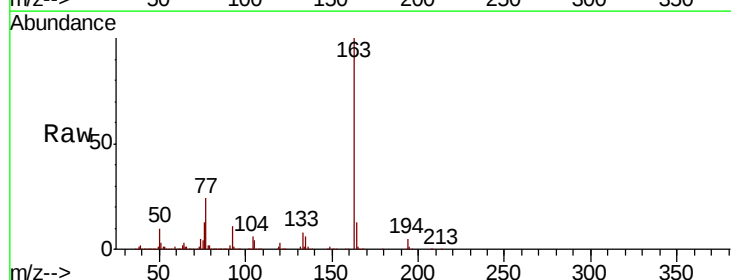
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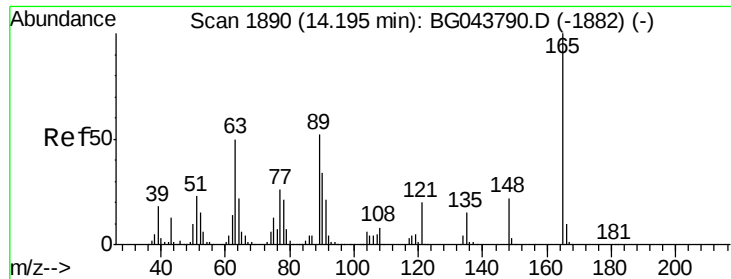
mohammad
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#50
Dimethylphthalate
Concen: 66.411 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.6	5.4
164	13.4	9.4	14.0





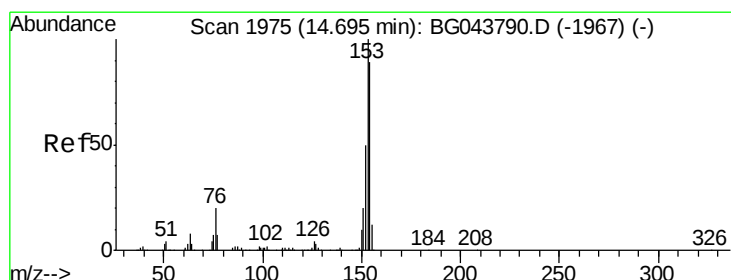
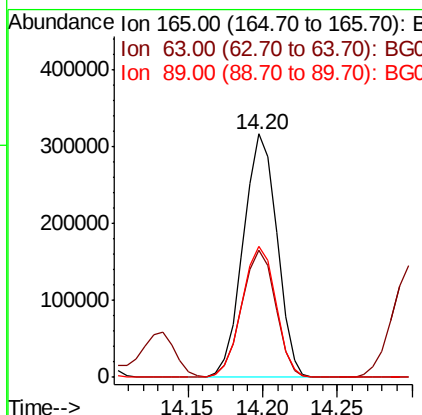
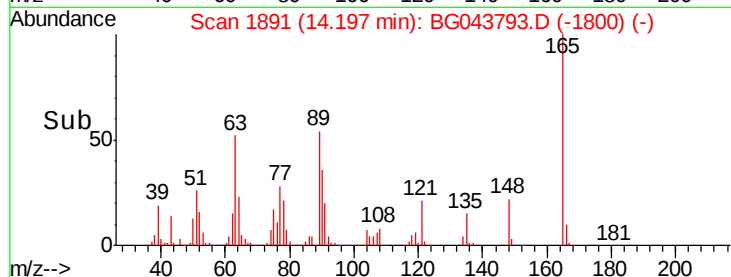
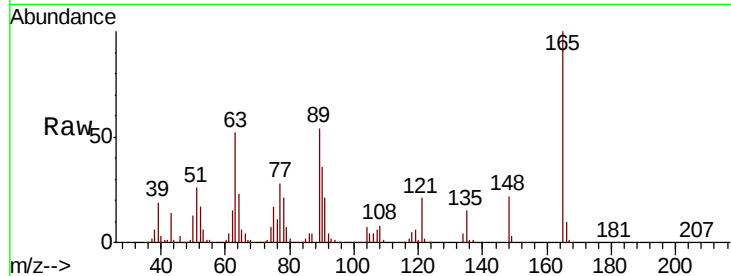
#51
2,6-Dinitrotoluene
Concen: 87.580 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.3	60.5
89	53.6	41.8	62.8

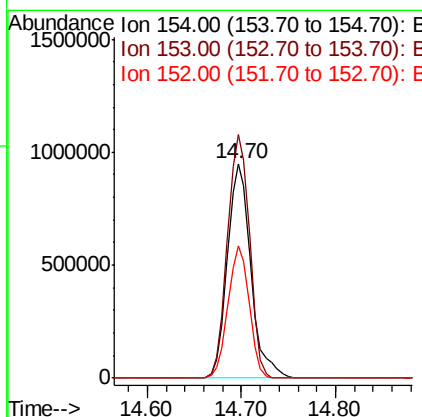
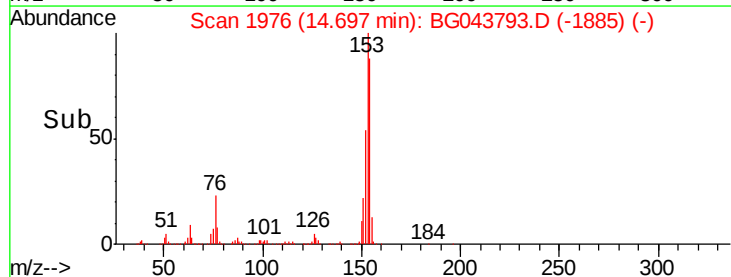
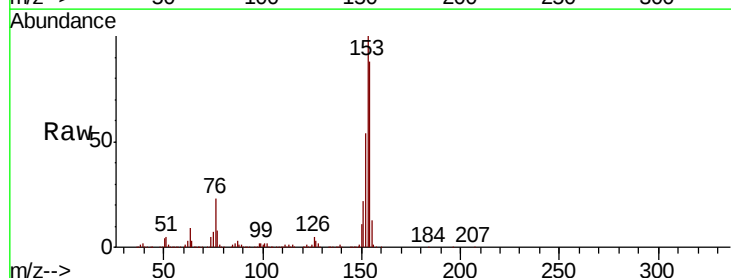
Manual Integrations
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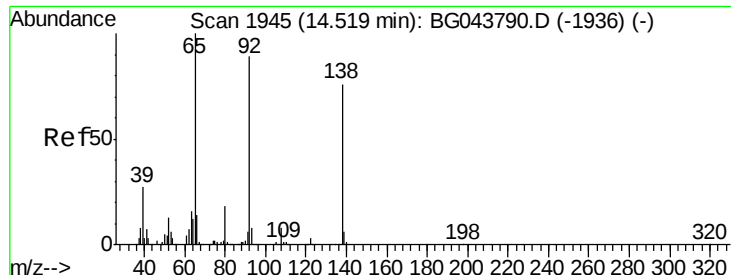
mohammad
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#52
Acenaphthene
Concen: 74.890 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	61.5	45.0	67.4





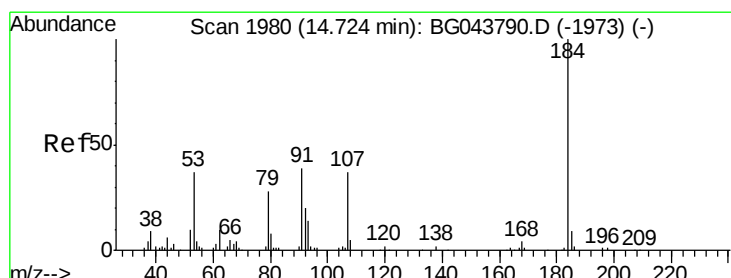
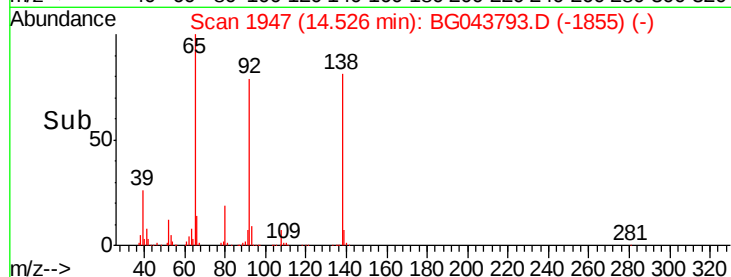
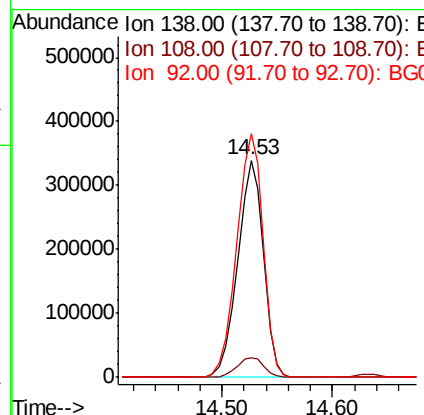
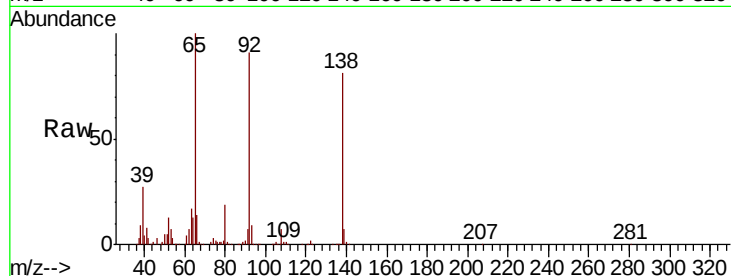
#53
3-Nitroaniline
Concen: 84.170 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.1	12.1
92	112.2	94.6	141.8

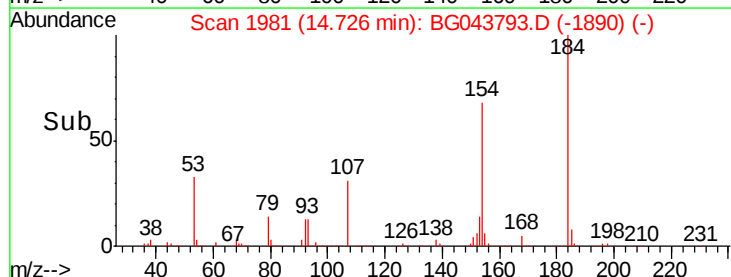
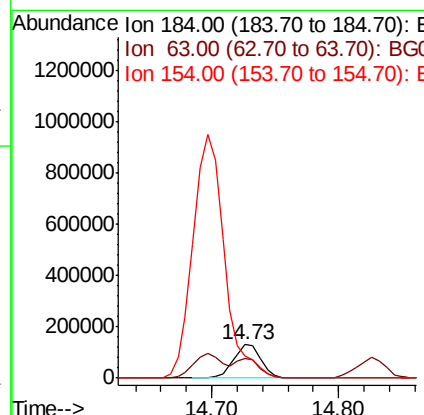
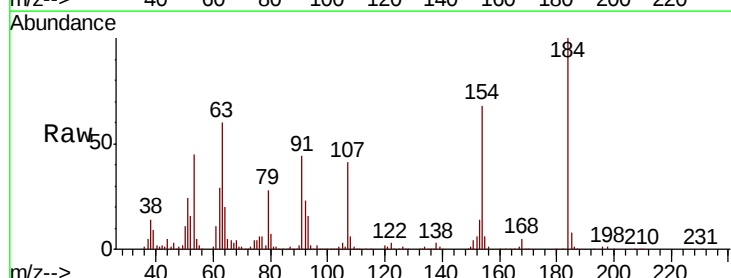
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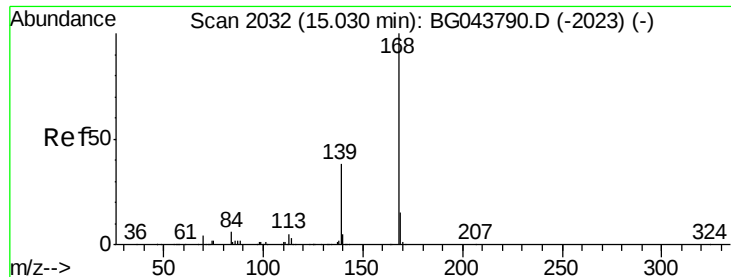
mohammad
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#54
2,4-Dinitrophenol
Concen: 85.888 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.2	43.4	65.0
154	67.7	54.8	82.2





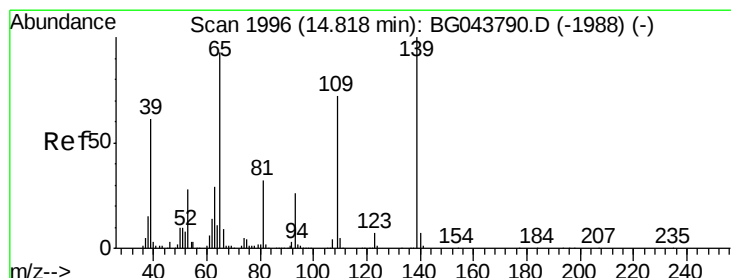
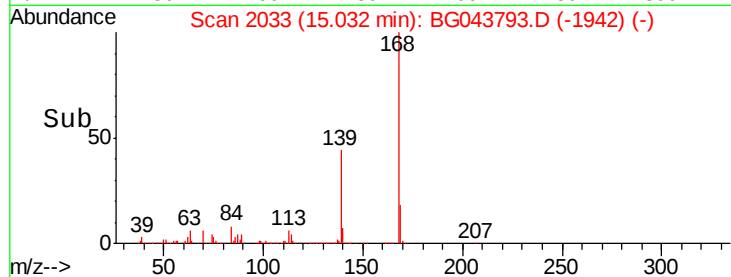
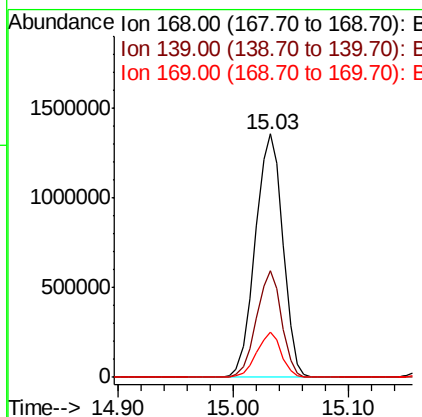
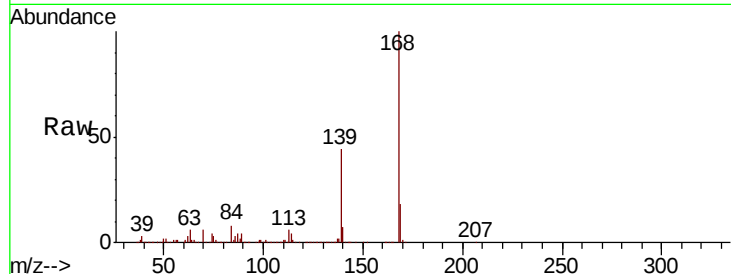
#55
Dibenzofuran
Concen: 66.301 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	30.4	45.6
169	18.5	12.0	18.0

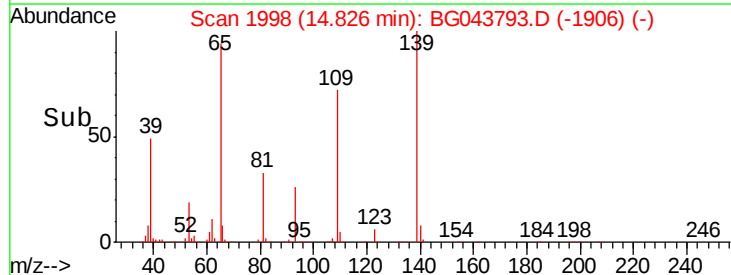
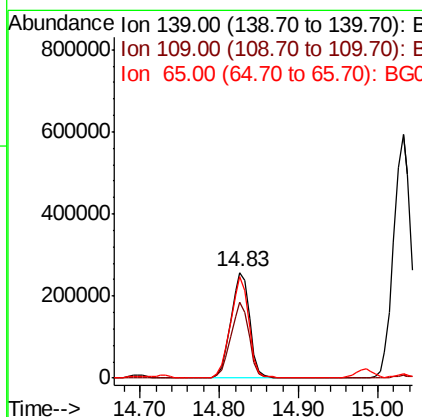
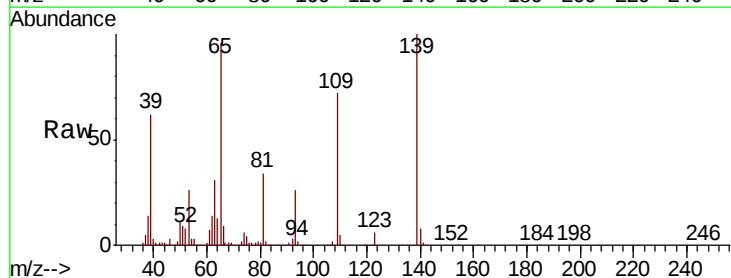
Manual Integrations
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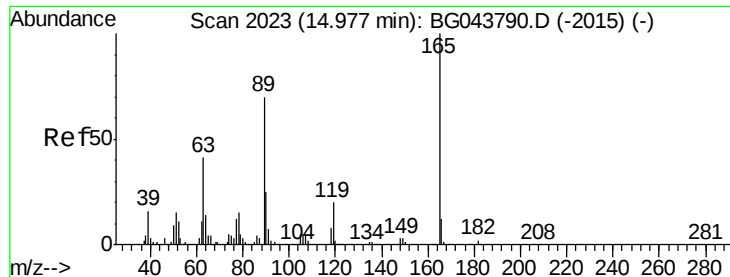
mohammad
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#56
4-Nitrophenol
Concen: 76.312 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	51.5	91.5
65	95.7	73.7	113.7





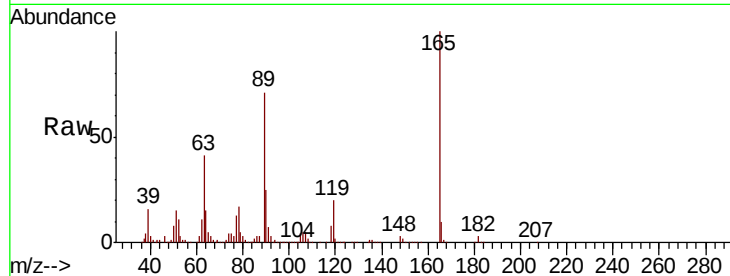
#57
2,4-Dinitrotoluene
Concen: 86.501 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	32.7	49.1
89	70.7	56.1	84.1
182	3.0	2.0	3.0

Manual Integrations
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mohammad
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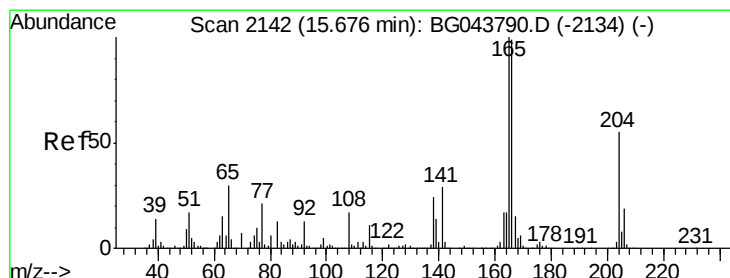
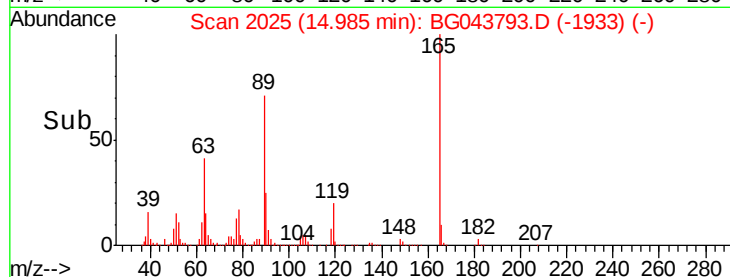
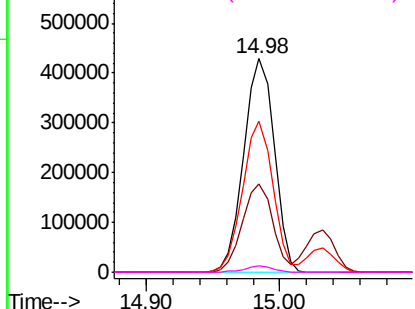
Abundance

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: 65.997 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

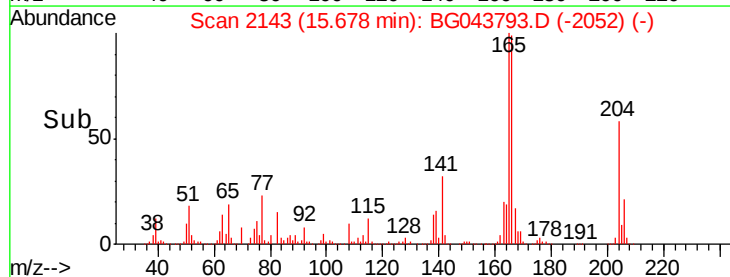
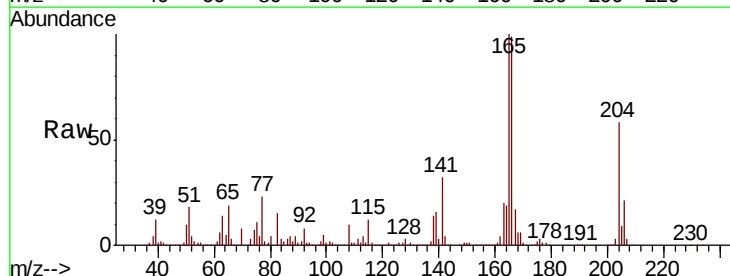
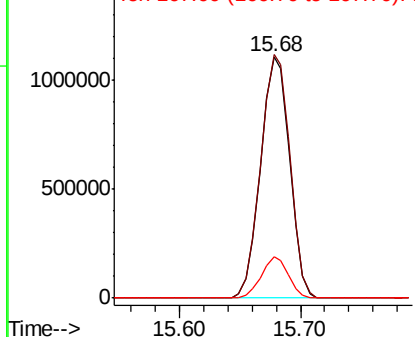
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.5	120.7
167	16.9	12.1	18.1

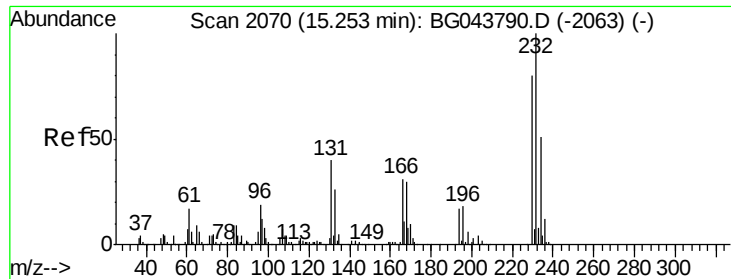
Abundance

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: 67.616 ng/ml

RT: 15.26 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:232 Resp: 555113
Ion Ratio Lower Upper

232 100

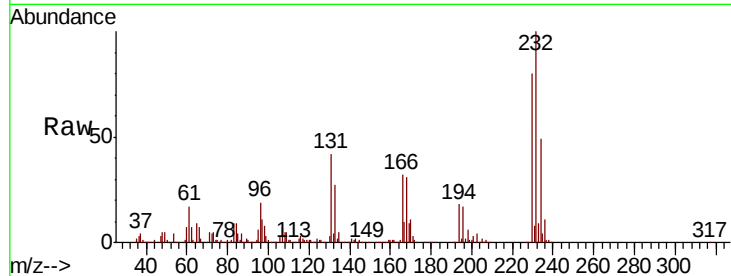
131 37.6 27.9 41.9

130 2.5 1.8 2.8

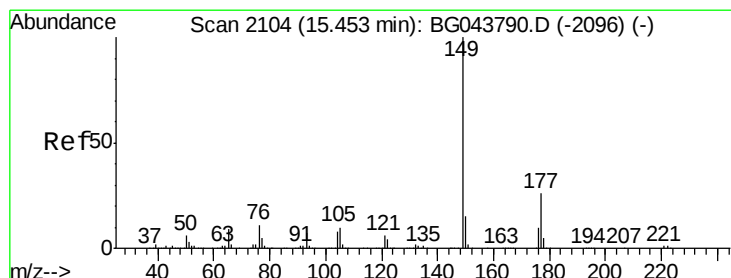
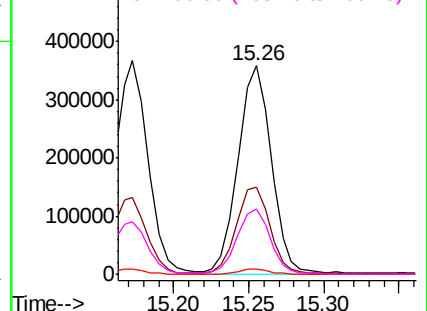
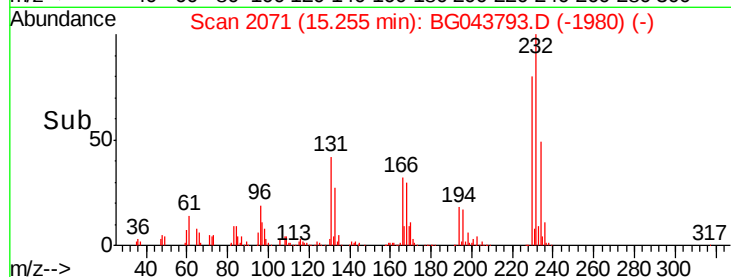
166 26.2 19.4 29.2

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 63.032 ng/ml

RT: 15.46 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BG043793.D

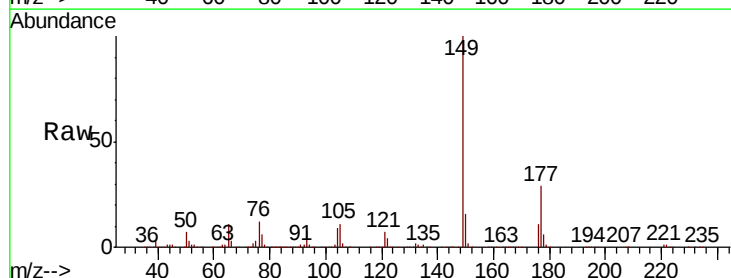
Acq: 9 Dec 2019 16:05

Tgt Ion:149 Resp: 2012844
Ion Ratio Lower Upper

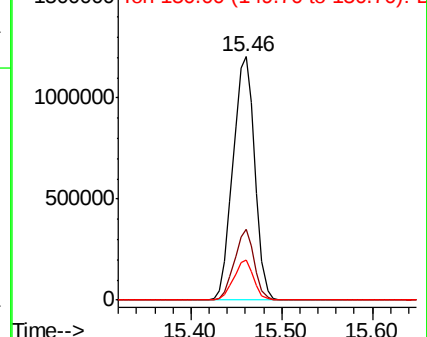
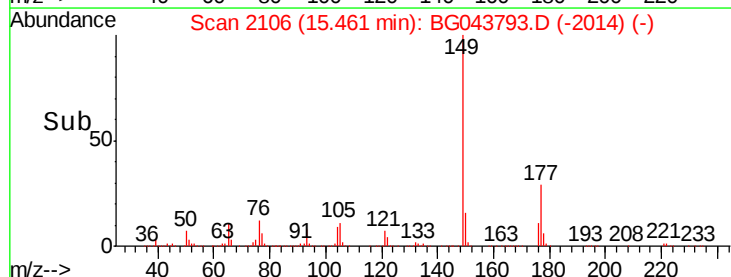
149 100

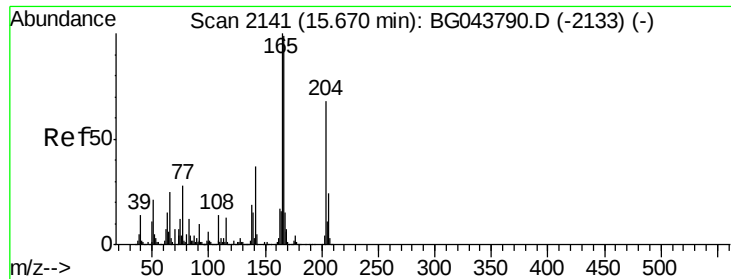
177 28.8 20.4 30.6

150 16.2 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





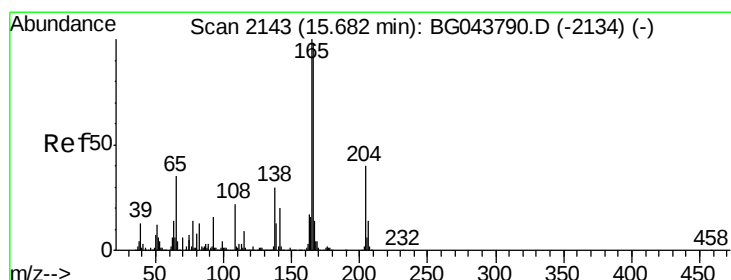
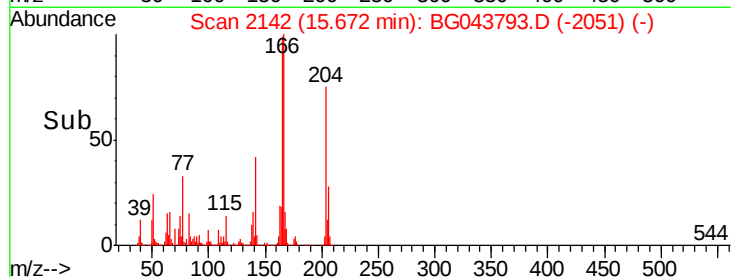
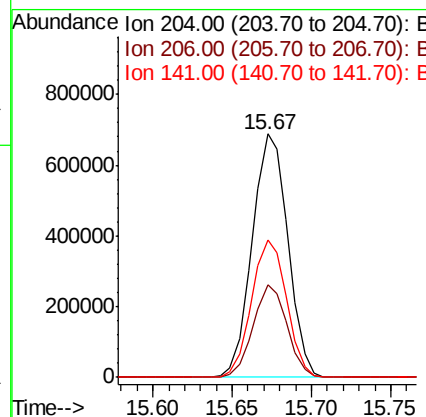
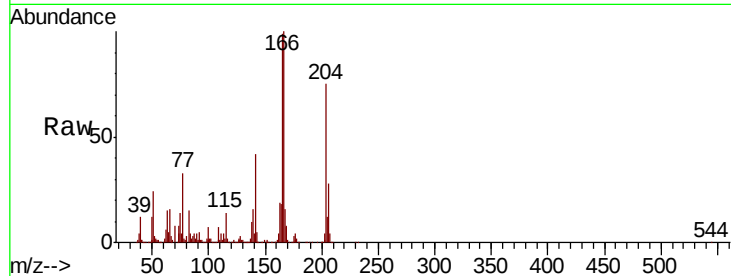
#61
4-Chlorophenyl-phenylether
Concen: 70.123 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion:204 Resp: 1077058
Ion Ratio Lower Upper
204 100
206 38.0 28.1 42.1
141 56.4 44.1 66.1

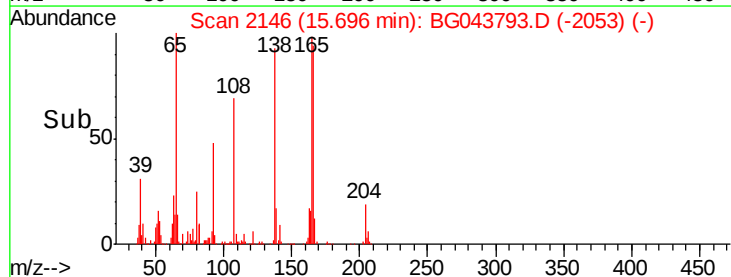
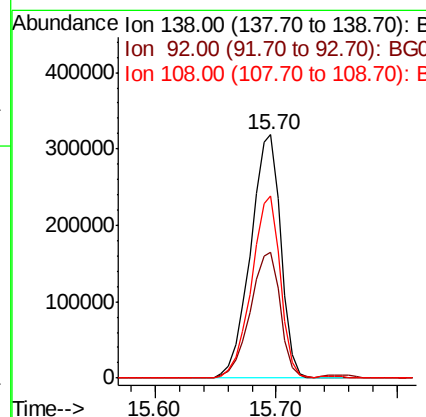
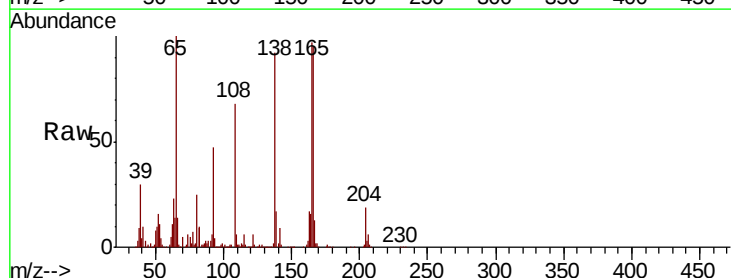
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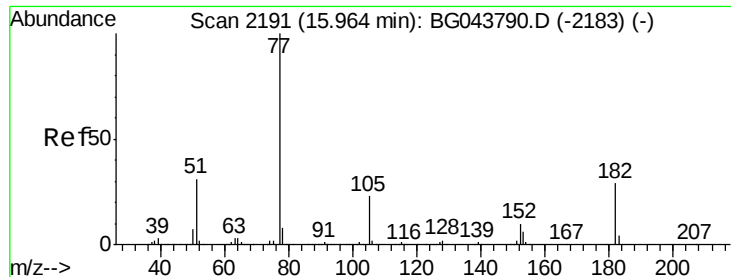
mohammad
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#62
4-Nitroaniline
Concen: 73.387 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:138 Resp: 555154
Ion Ratio Lower Upper
138 100
92 51.9 31.5 71.5
108 74.8 53.1 93.1





#63

Azobenzene

Concen: 64.854 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1856514

Ion Ratio Lower Upper

77 100

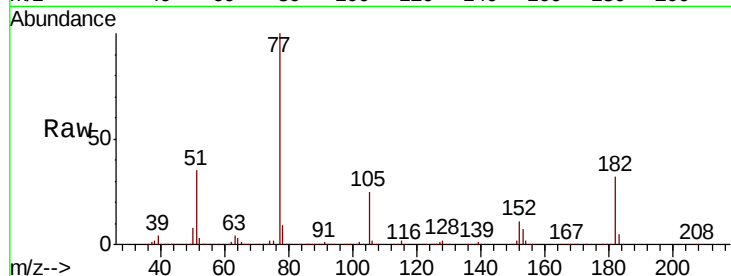
182 32.1 9.0 49.0

105 25.1 2.9 42.9

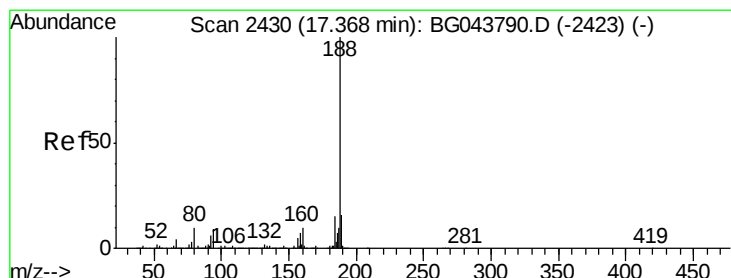
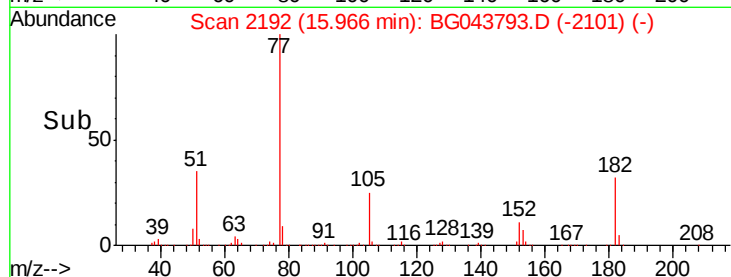
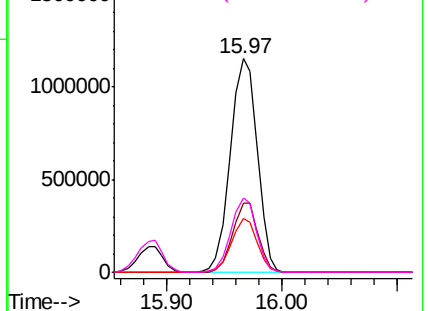
51 34.8 10.6 50.6

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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: BG043793.D

Acq: 9 Dec 2019 16:05

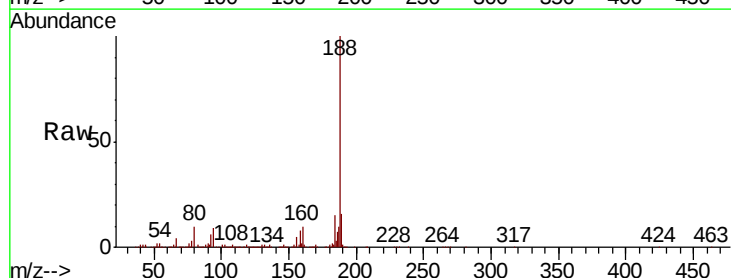
Tgt Ion: 188 Resp: 828333

Ion Ratio Lower Upper

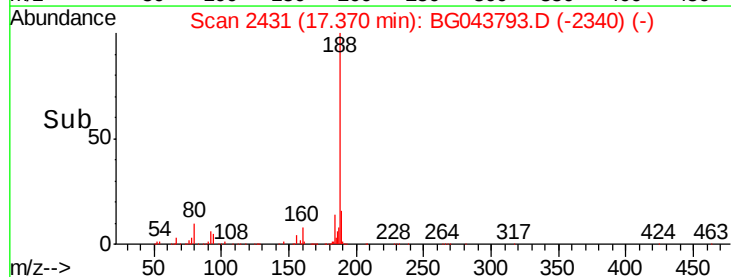
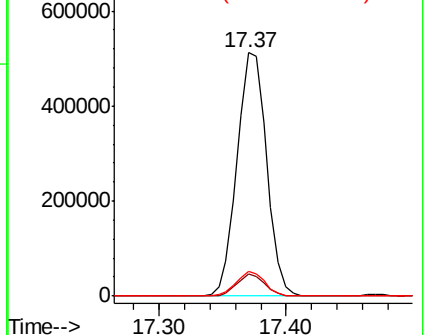
188 100

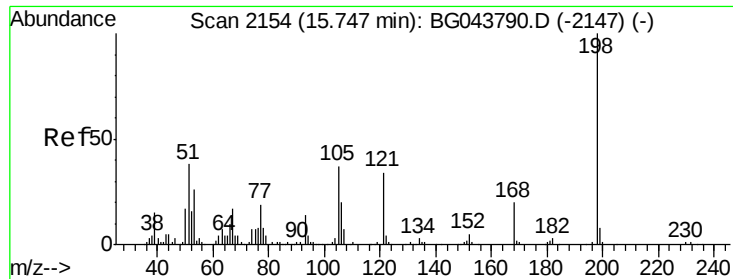
94 9.2 6.9 10.3

80 10.4 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





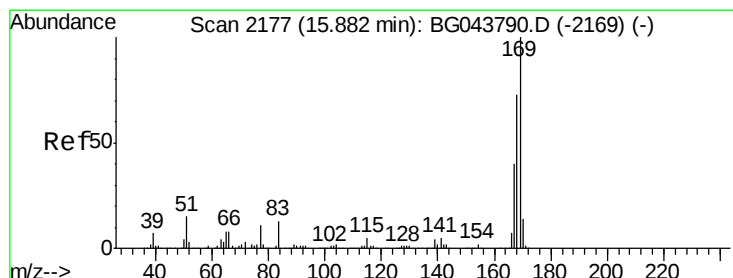
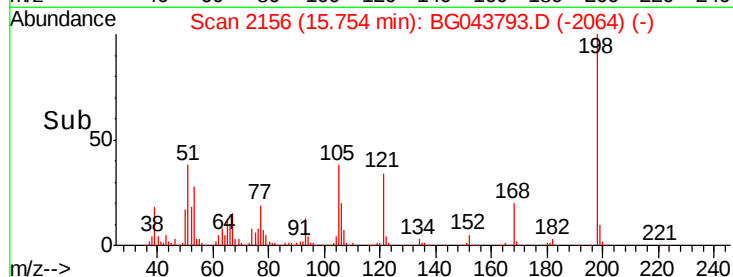
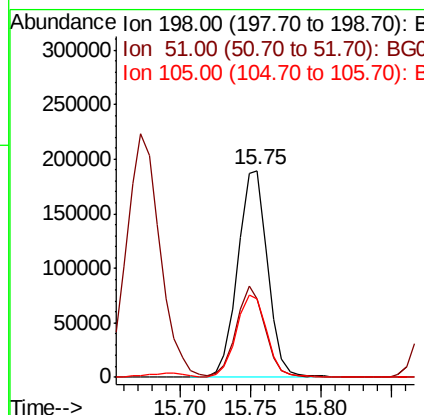
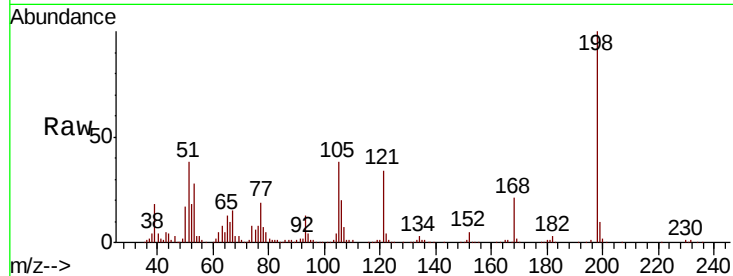
#65
 4,6-Dinitro-2-methylphenol
 Concen: 99.746 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	280369		
51	38.1		18.9	58.9
105	37.8		18.1	58.1

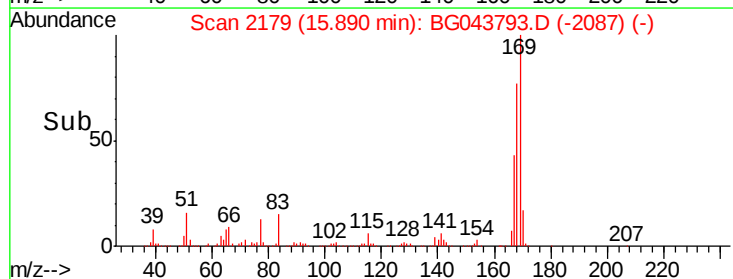
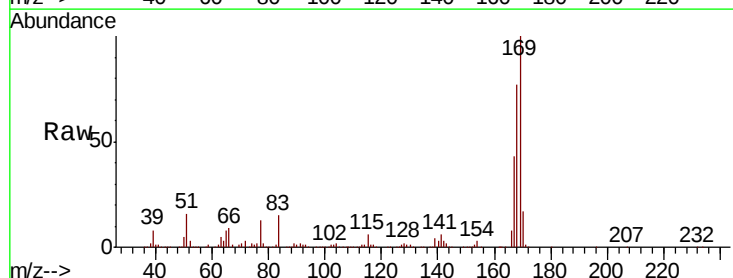
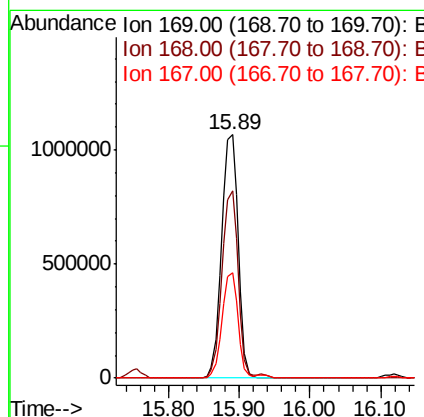
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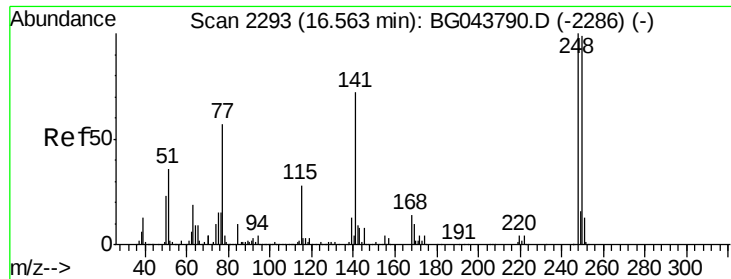
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 79.303 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1739227		
168	77.0		58.5	87.7
167	43.4		32.1	48.1





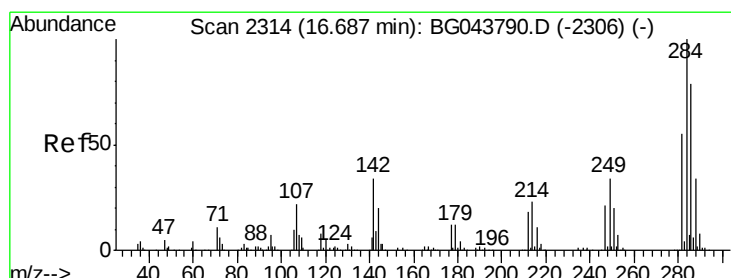
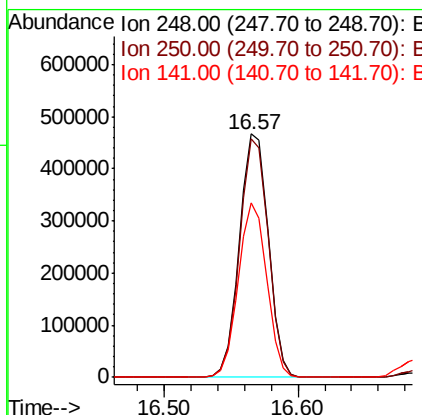
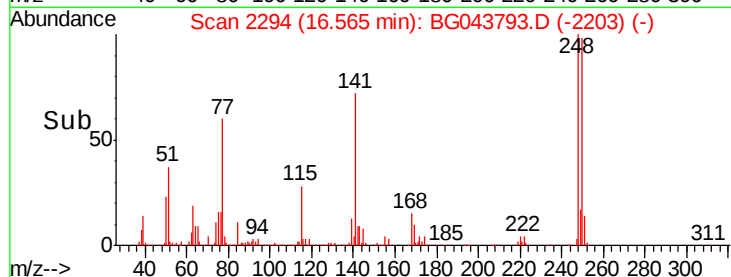
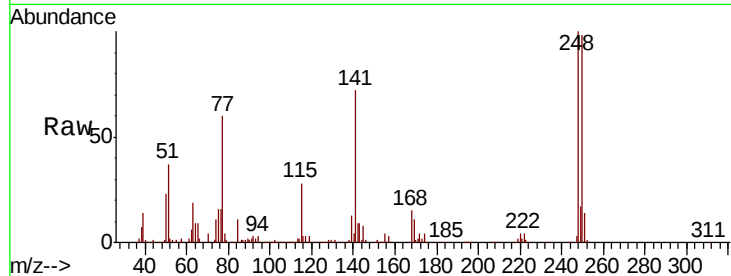
#67
4-Bromophenyl-phenylether
Concen: 79.866 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.0	118.6
141	71.6	57.8	86.6

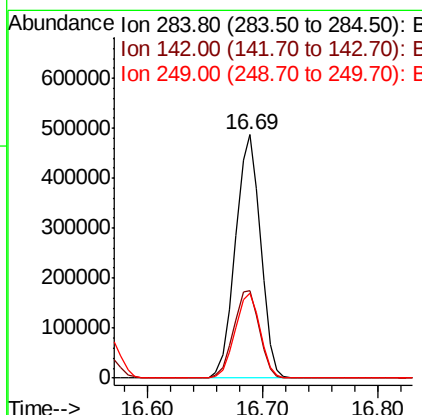
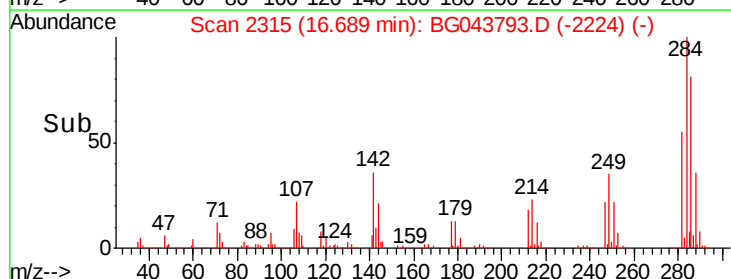
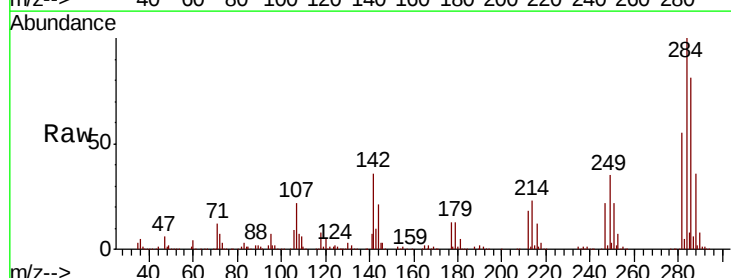
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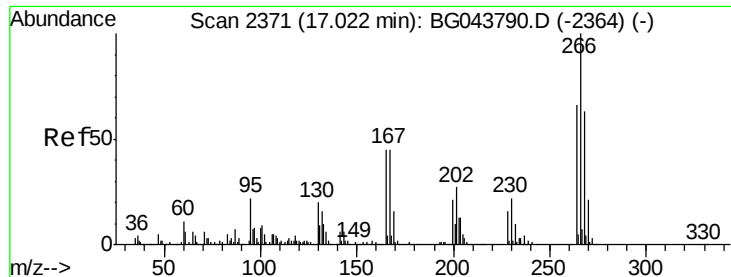
mohammad
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#68
Hexachlorobenzene
Concen: 76.335 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	27.0	40.6
249	35.1	27.2	40.8





#70

Pentachlorophenol

Concen: 72.873 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

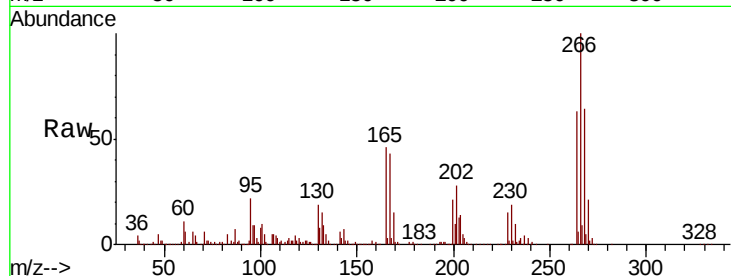
ClientSampleId :

SSTDICC080

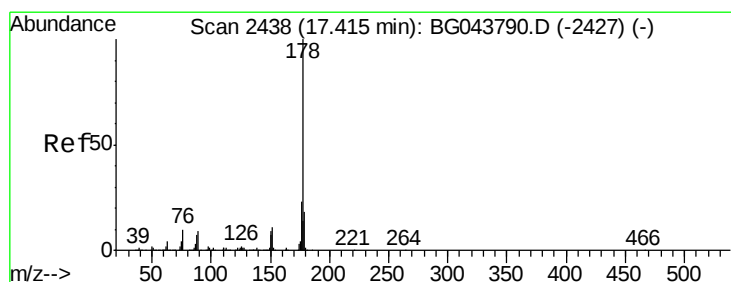
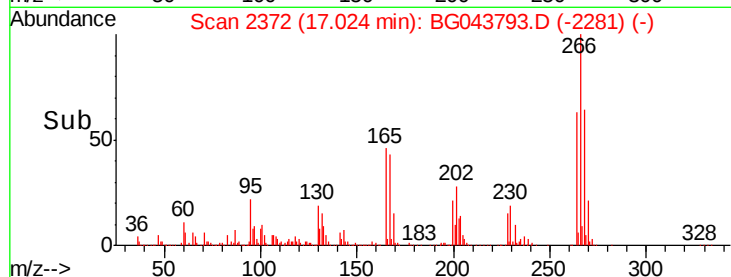
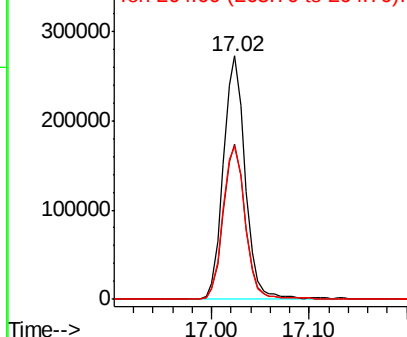
Tot Ion:	266	Resp:	424641
Ion Ratio	Lower	Upper	
266	100		
268	64.0	50.8	76.2
264	62.8	53.0	79.4

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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: 67.363 ng

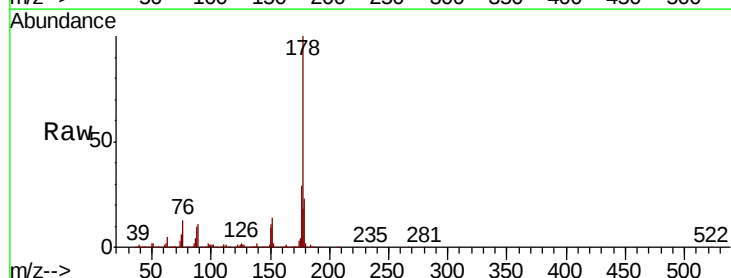
RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

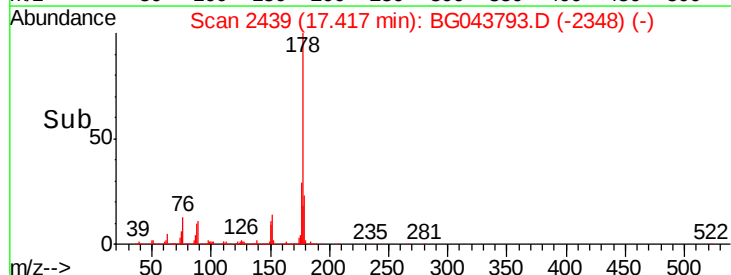
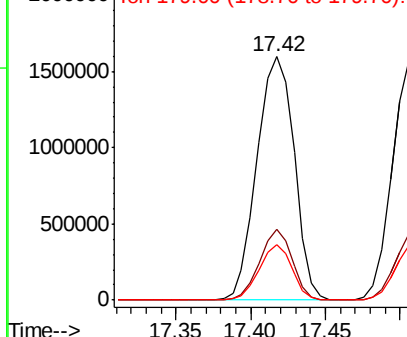
Lab File: BG043793.D

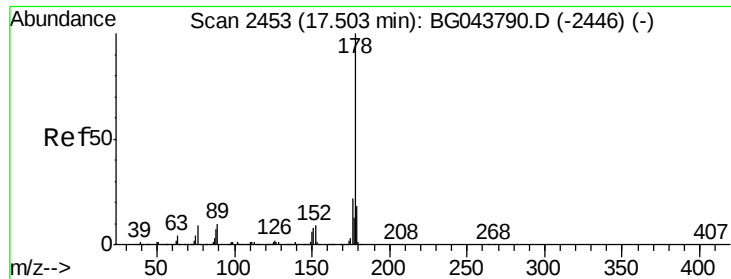
Acq: 9 Dec 2019 16:05

Tgt Ion:	178	Resp:	2760986
Ion Ratio	Lower	Upper	
178	100		
176	29.0	18.6	27.8#
179	22.6	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: 65.880 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 2727647

Ion Ratio Lower Upper

178 100

176 27.5 17.7 26.5#

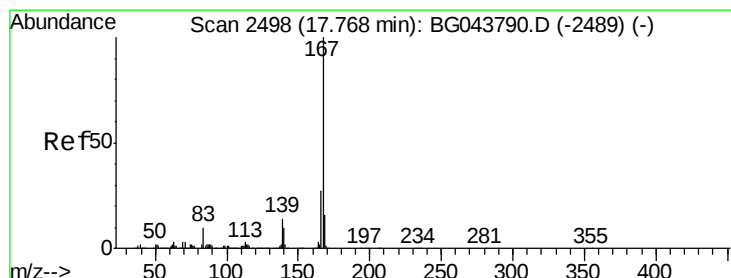
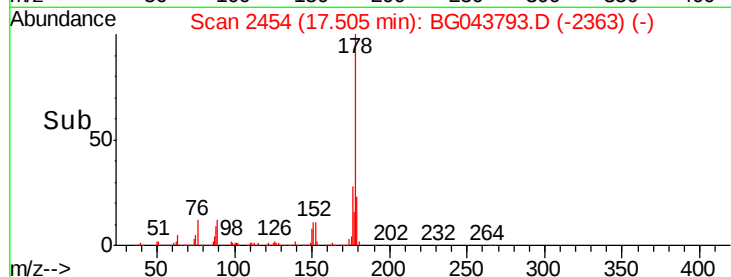
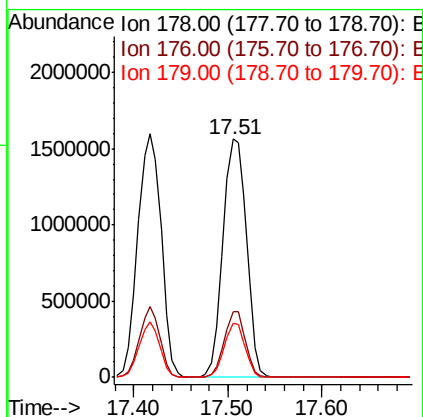
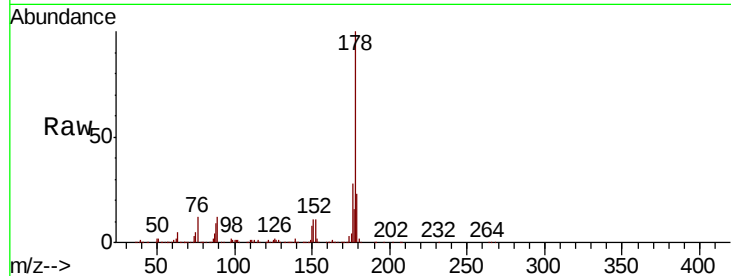
179 22.9 14.5 21.7#

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#73

Carbazole

Concen: 62.322 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

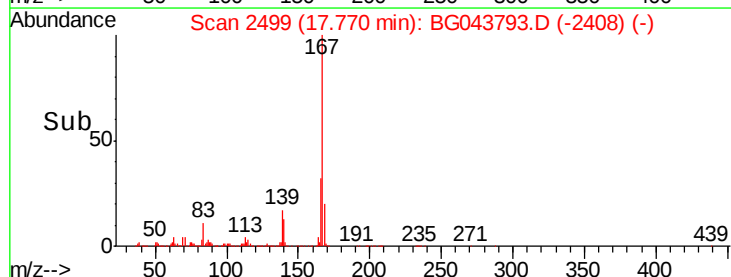
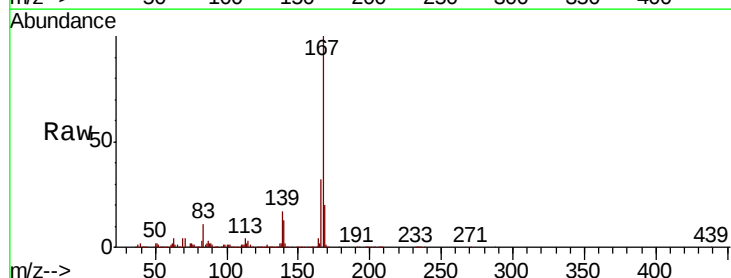
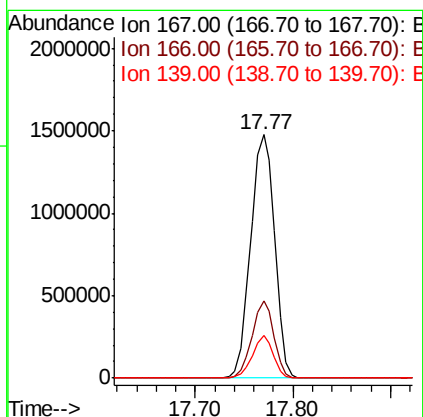
Tgt Ion:167 Resp: 2556464

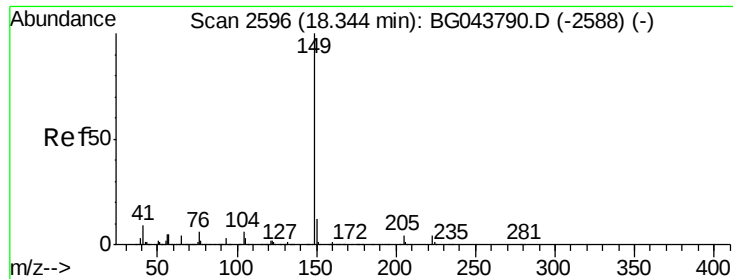
Ion Ratio Lower Upper

167 100

166 31.9 21.4 32.2

139 17.3 11.0 16.4#





#74

Di-n-butylphthalate

Concen: 54.668 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2870183

Ion Ratio Lower Upper

149 100

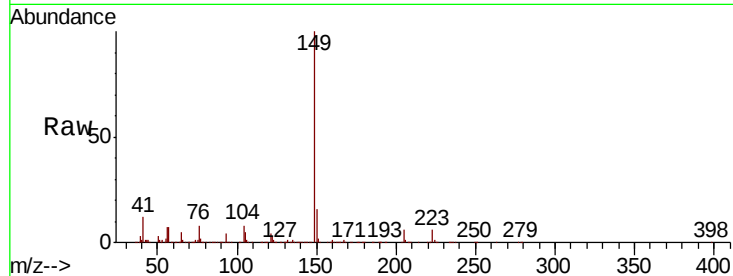
150 15.8 9.4 14.0#

104 8.2 4.8 7.2#

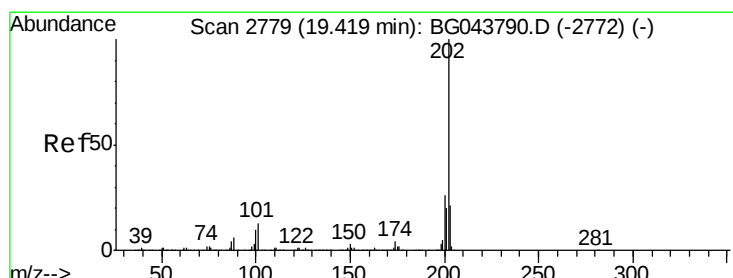
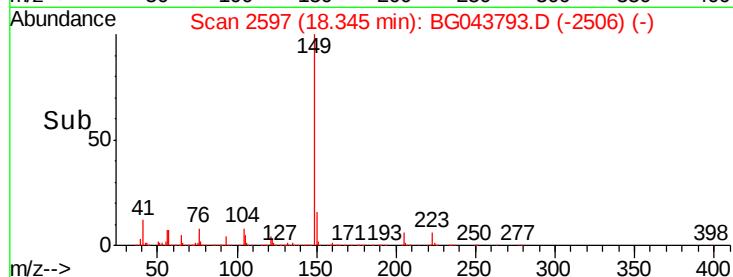
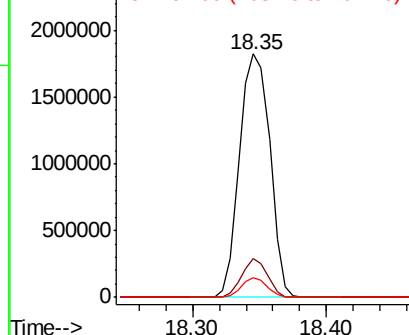
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 51.511 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

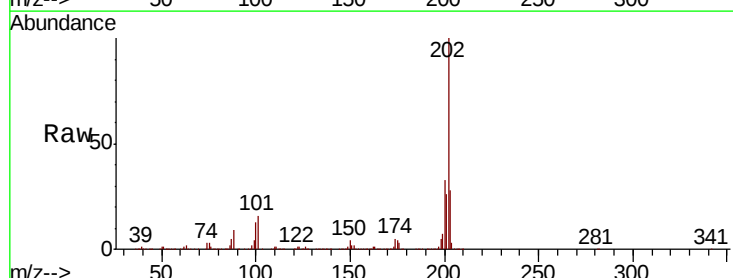
Tgt Ion:202 Resp: 3028481

Ion Ratio Lower Upper

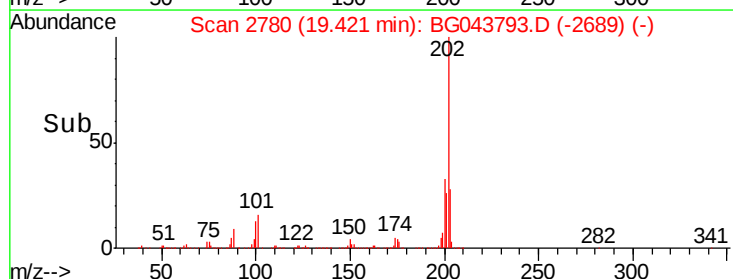
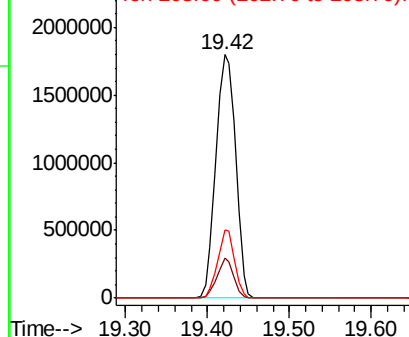
202 100

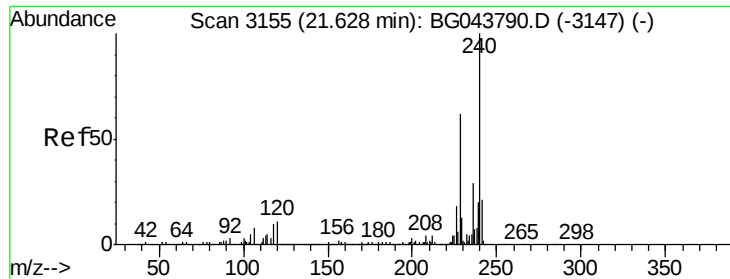
101 16.4 0.0 32.7

203 28.2 1.0 41.0



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





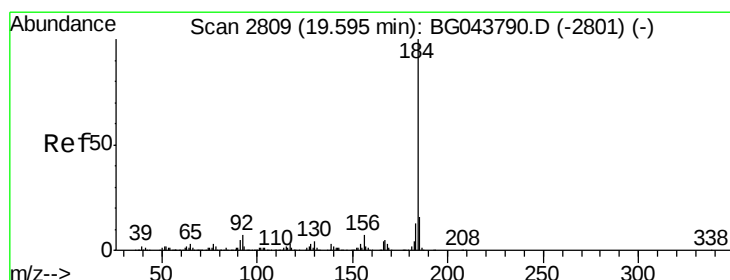
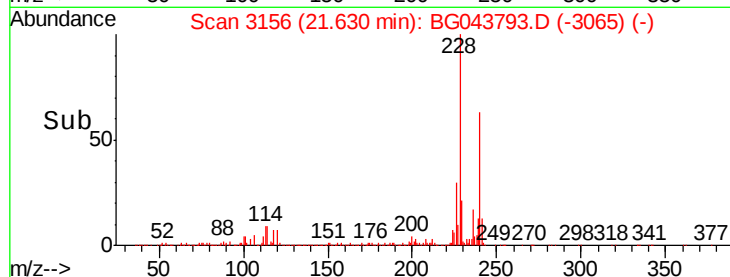
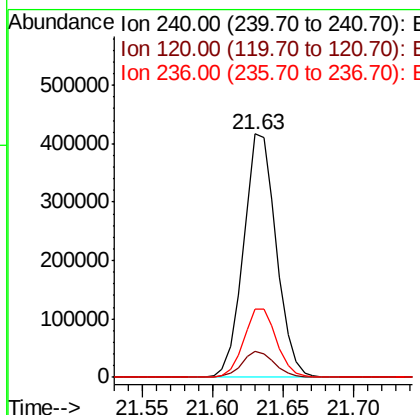
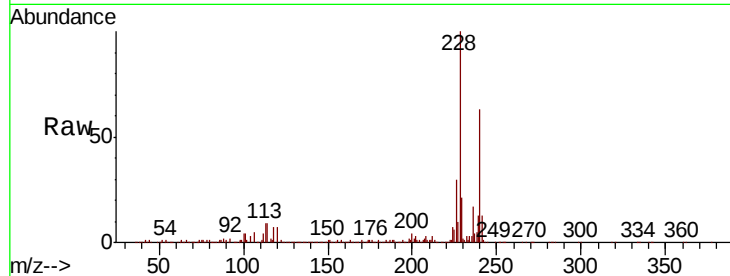
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	12.8
236	27.8	23.1	34.7

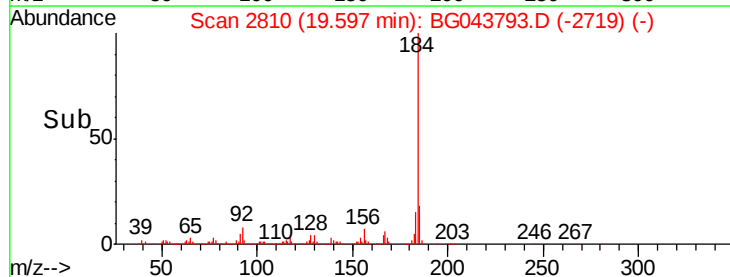
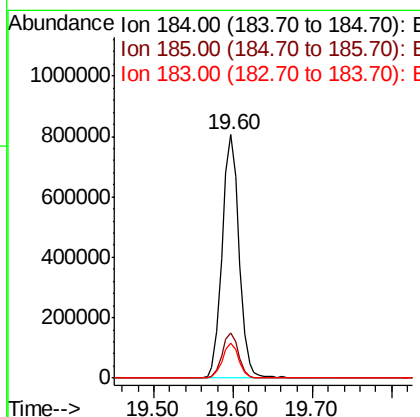
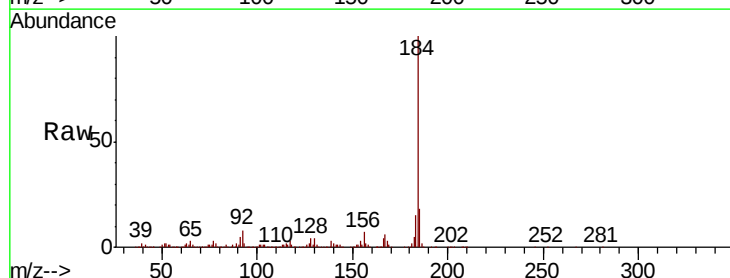
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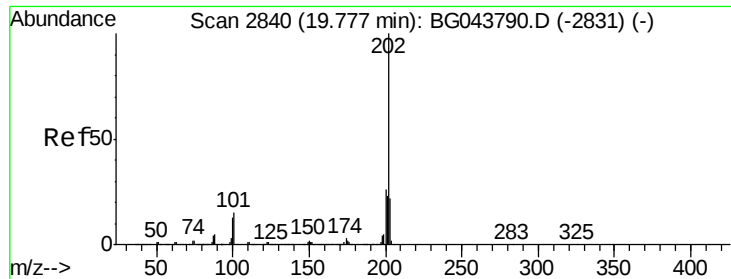
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#77
Benzidine
Concen: 60.430 ng
RT: 19.60 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.9	19.3
183	14.6	10.3	15.5





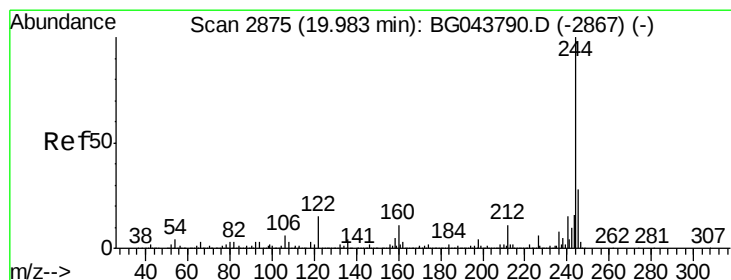
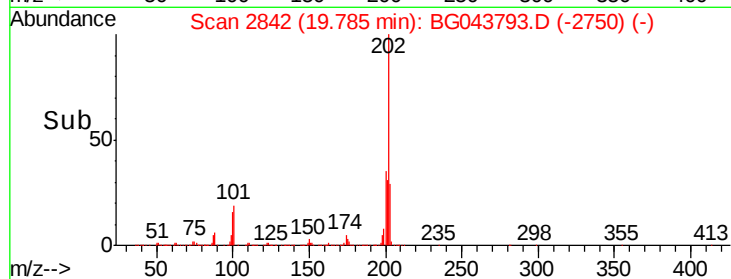
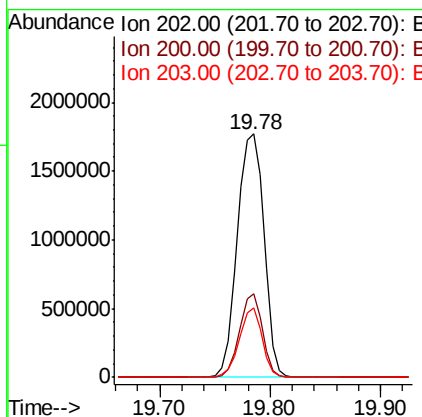
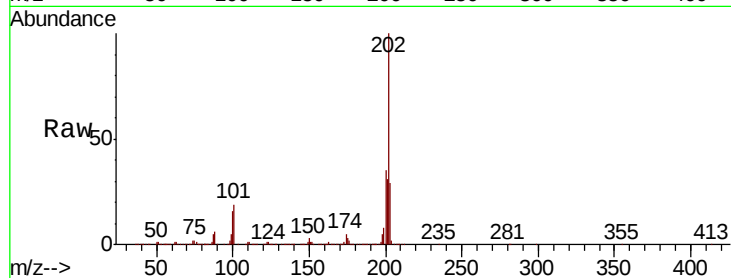
#78
Pvrene
Concen: 69.126 ng
RT: 19.78 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	34.6	20.8	31.2#
203	28.8	17.7	26.5#

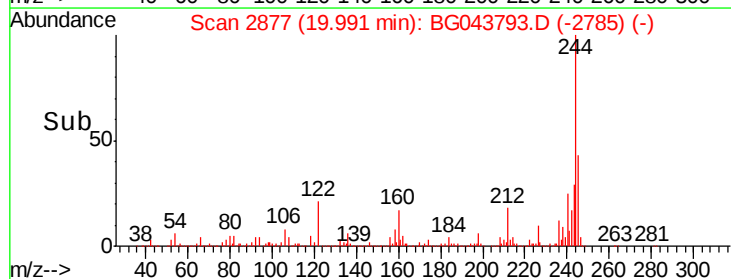
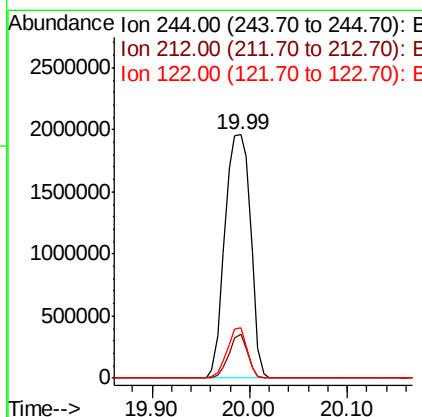
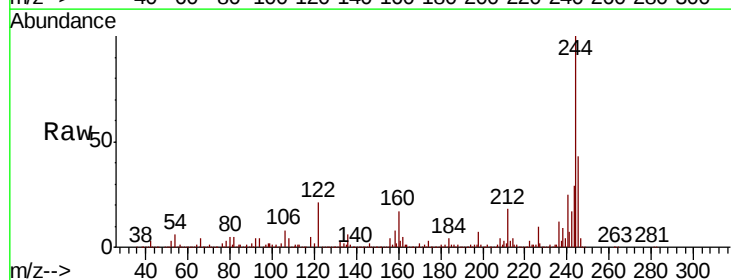
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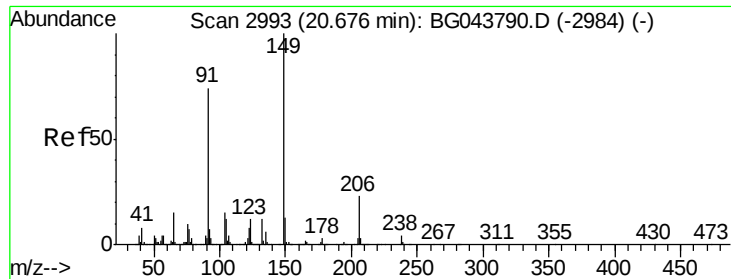
mohammad
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#79
Terphenyl-d14
Concen: 119.459 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	18.2	9.1	13.7#
122	20.8	11.6	17.4#





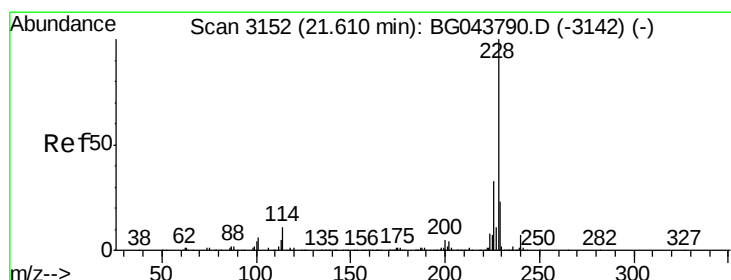
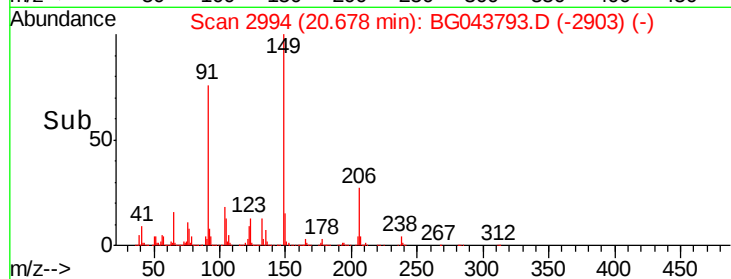
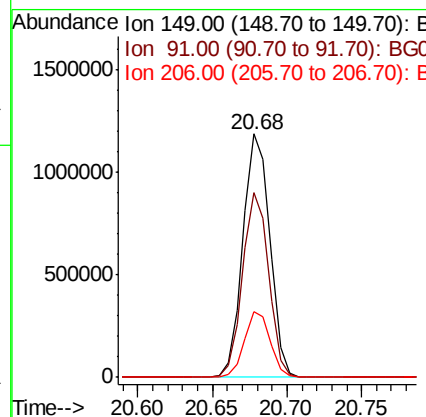
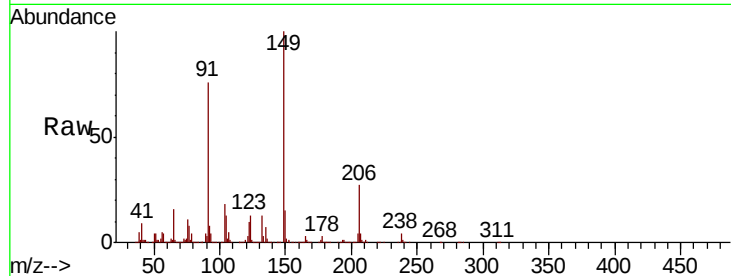
#80
Butylbenzylphthalate
Concen: 74.699 ng
RT: 20.68 min Scan# 2994
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1485583
Ion Ratio Lower Upper
149 100
91 75.7 59.0 88.4
206 26.7 18.6 28.0

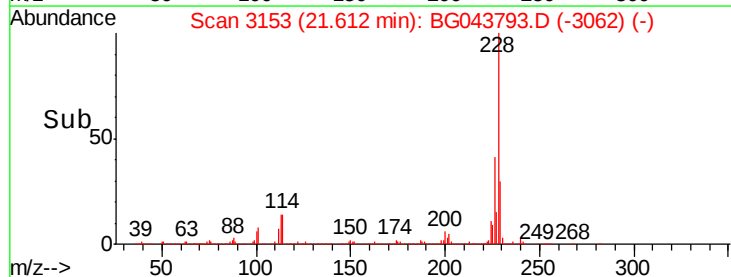
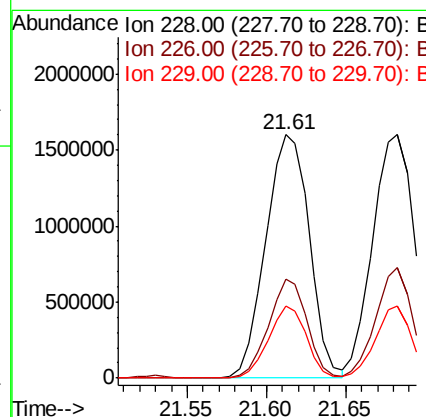
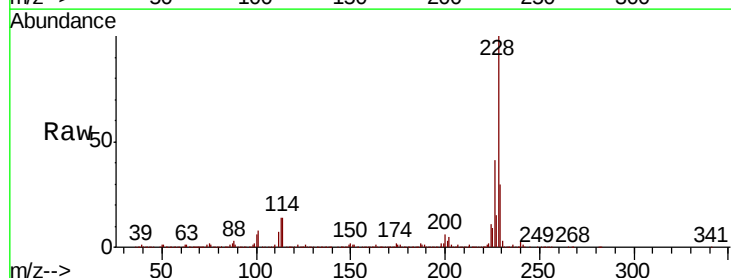
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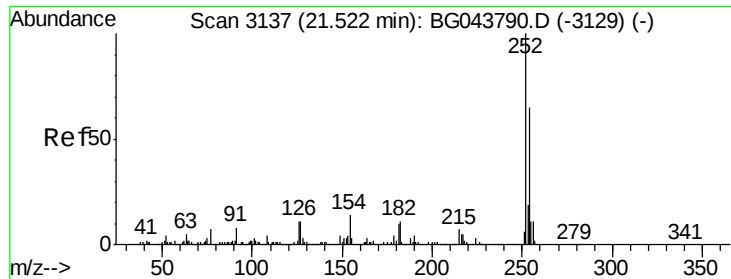
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#81
Benzo(a)anthracene
Concen: 67.577 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion:228 Resp: 3055960
Ion Ratio Lower Upper
228 100
226 40.9 26.1 39.1#
229 29.6 18.6 27.8#





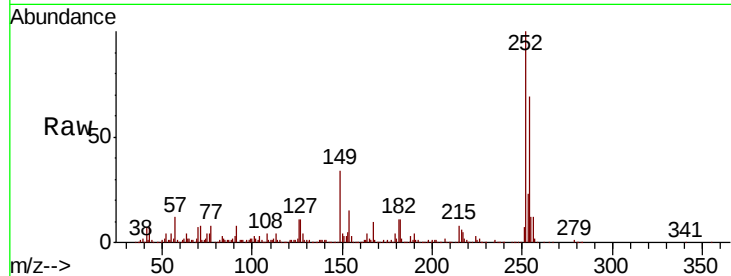
#82
 3,3'-Dichlorobenzidine
 Concen: 72.267 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.8	52.2	78.2
126	11.2	8.7	13.1

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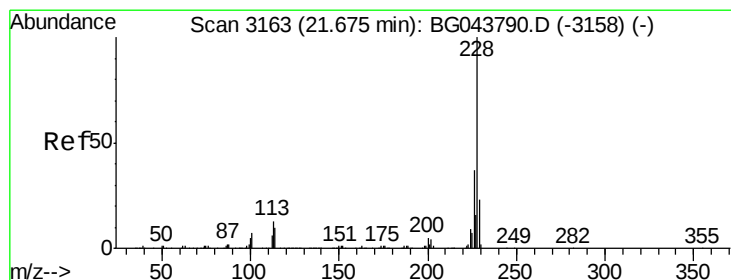
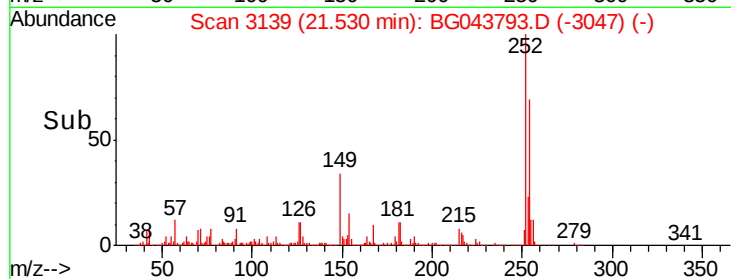
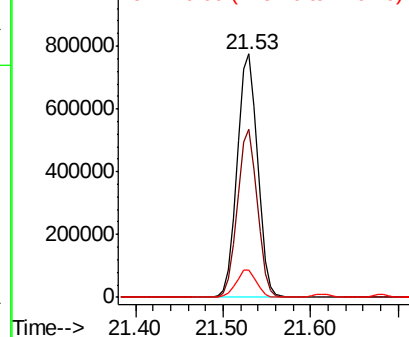


Abundance

Ion 252.00 (251.70 to 252.70): E

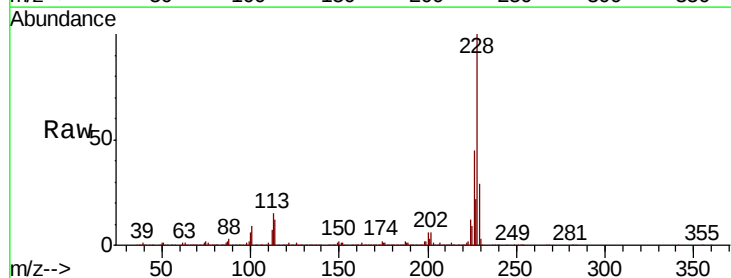
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 67.875 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BG043793.D
 Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.2	29.1	43.7#
229	29.4	18.6	28.0#

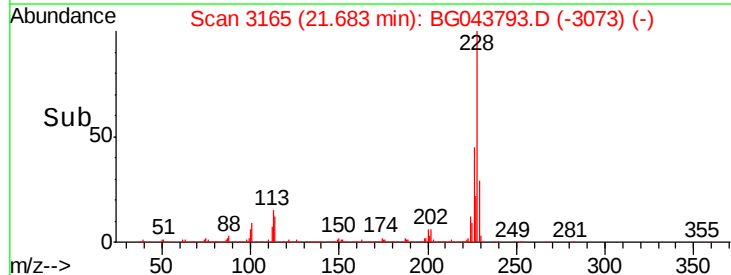
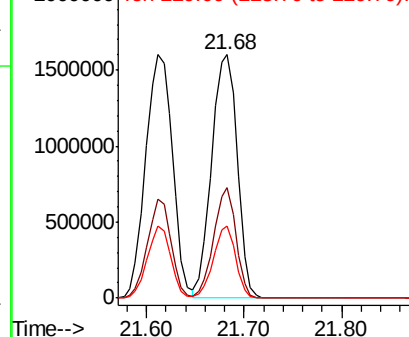


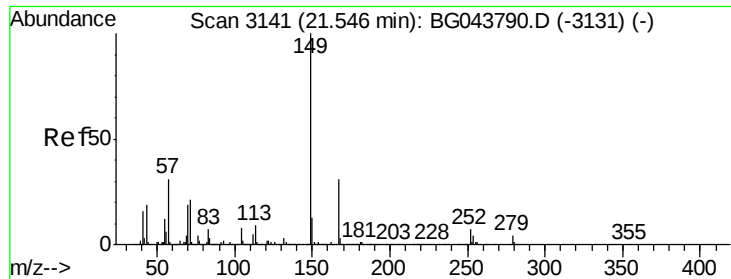
Abundance

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: 71.591 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2003287

Ion Ratio Lower Upper

149 100

167 36.0 25.1 37.7

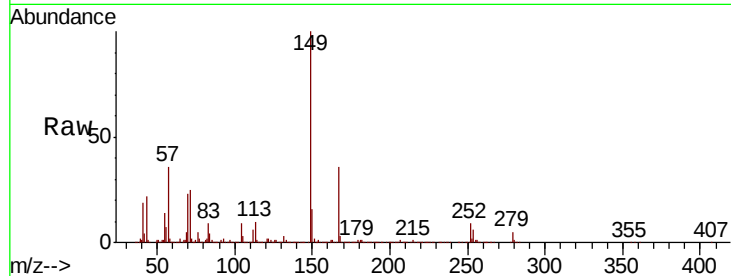
279 5.4 3.5 5.3#

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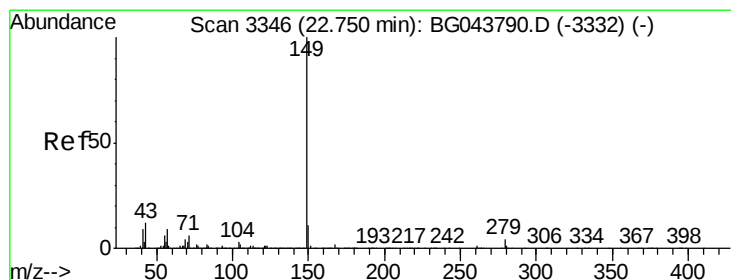
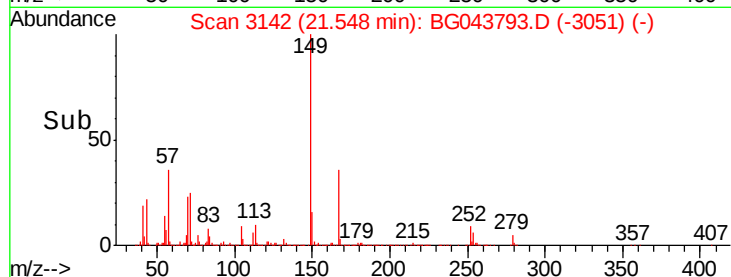
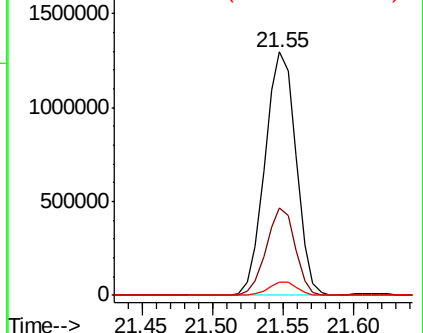
12/10/2019 11:51:06 AM



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: 73.164 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

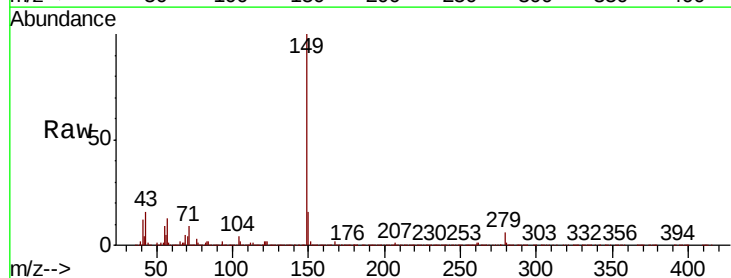
Tgt Ion:149 Resp: 3320716

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.2

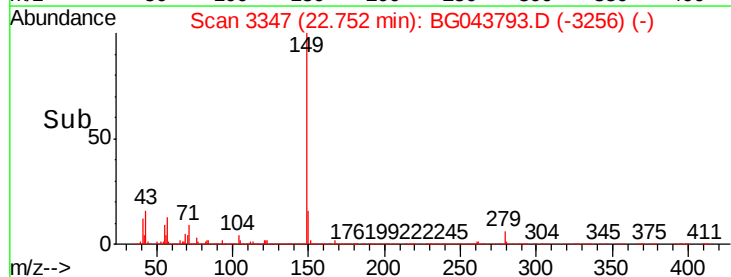
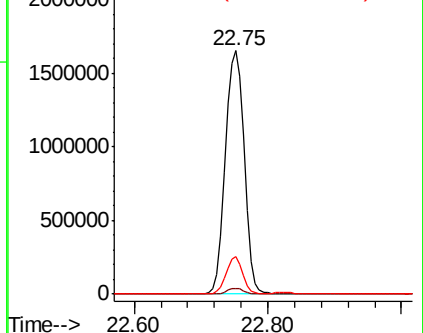
43 13.5 8.8 13.2#

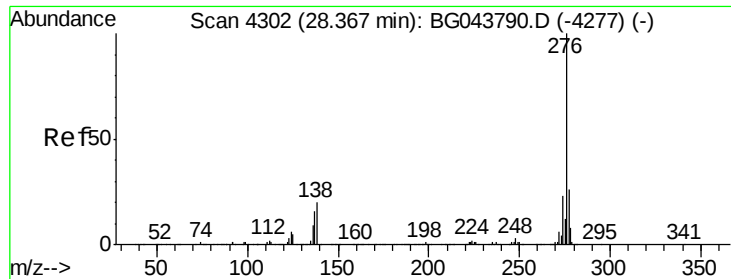


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





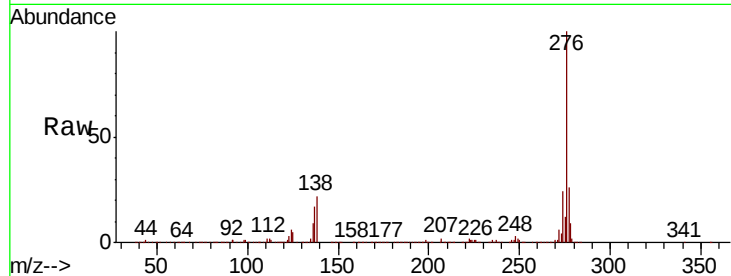
#86
Indeno(1,2,3-cd)pyrene
Concen: 83.487 ng
RT: 28.39 min Scan# 4306
Delta R.T. 0.02 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.6	21.8
277	27.3	21.2	31.8

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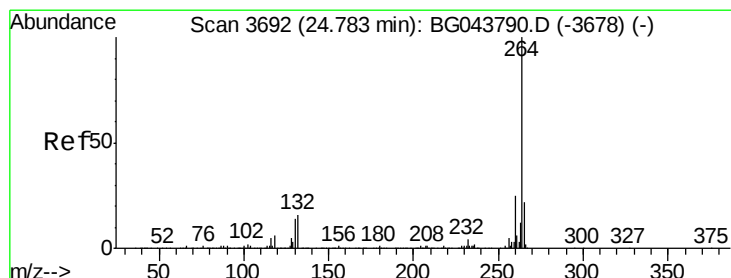
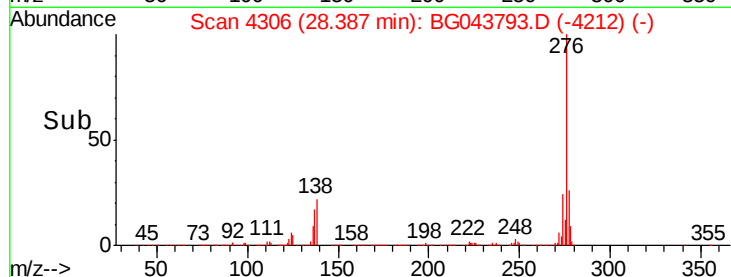
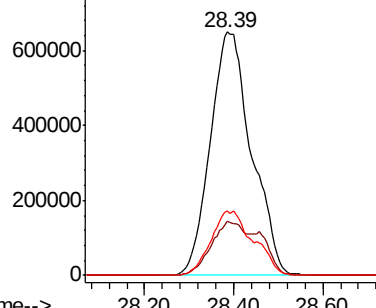


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

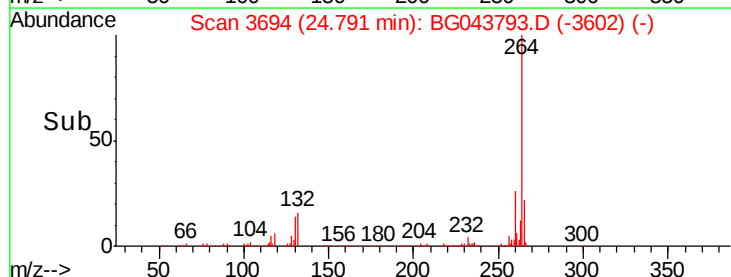
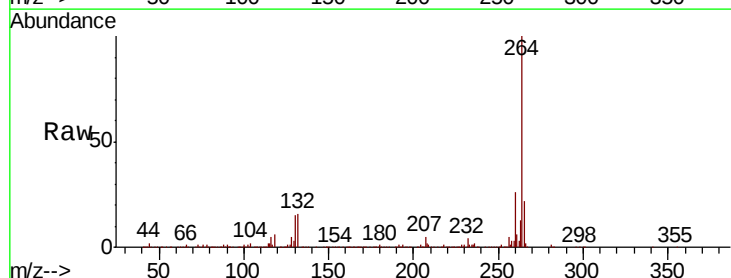
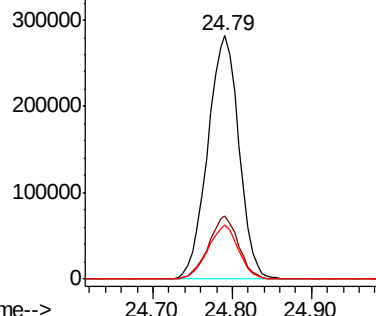
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.8	29.8
265	22.5	17.9	26.9

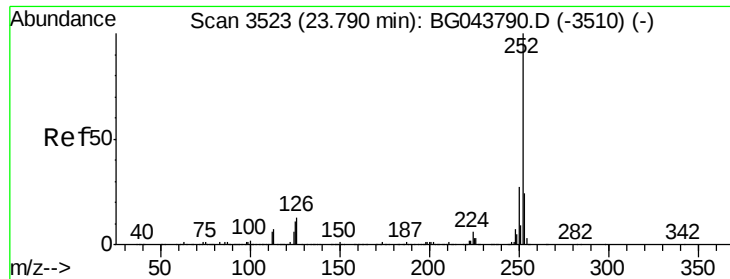
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





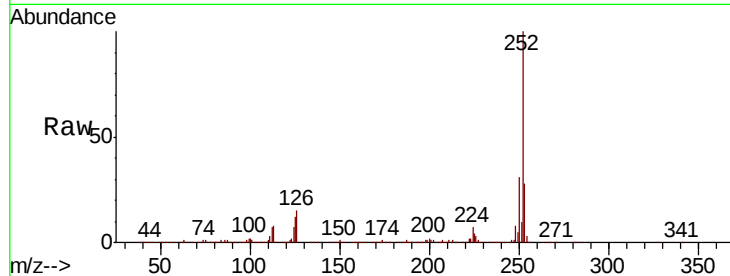
#88
Benzo(b)fluoranthene
Concen: 74.140 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

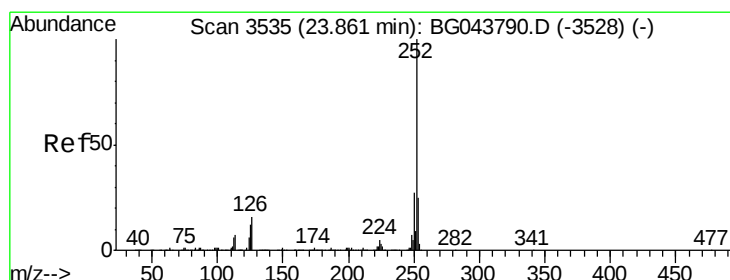
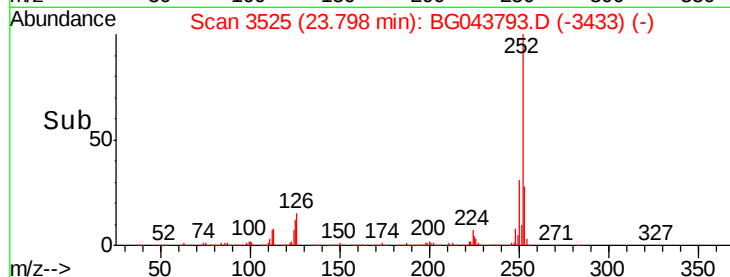
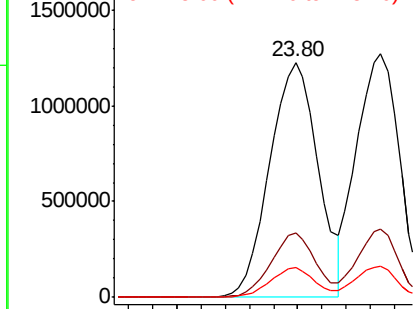
Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.5	29.3
125	12.5	9.0	13.4

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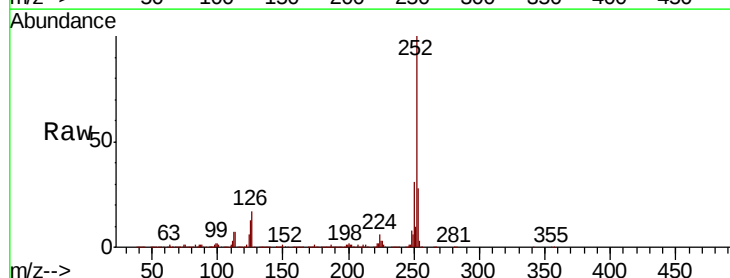


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

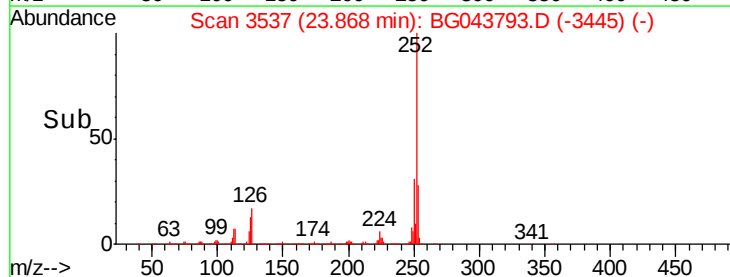
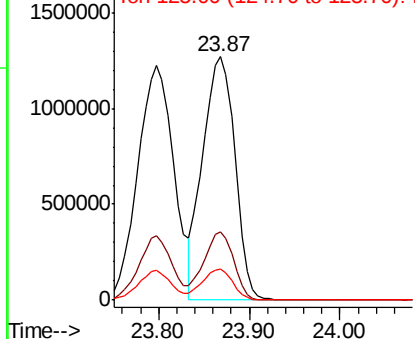


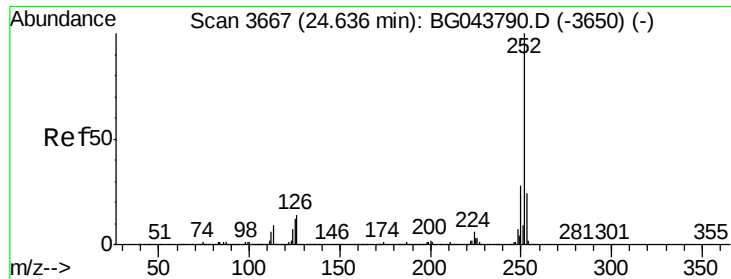
#89
Benzo(k)fluoranthene
Concen: 70.713 ng
RT: 23.87 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.4	29.0
125	12.9	8.9	13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





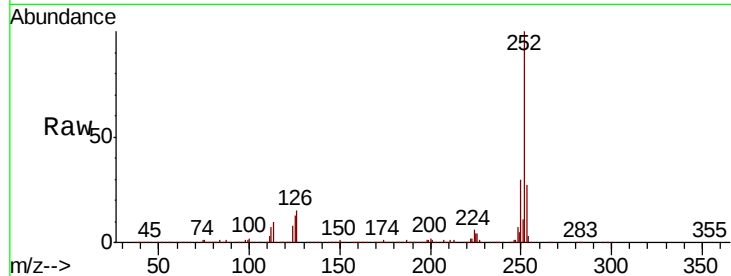
#90
Benzo(a)pyrene
Concen: 74.812 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.1	28.7
125	13.4	9.4	14.0

Manual Integrations
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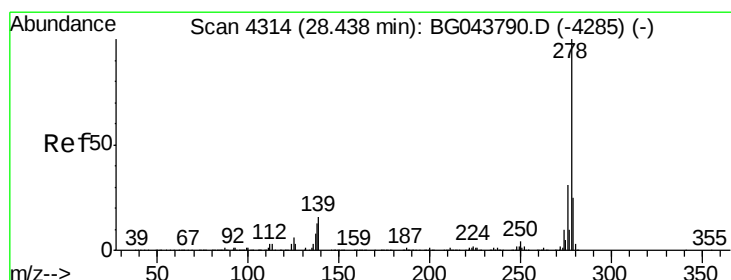
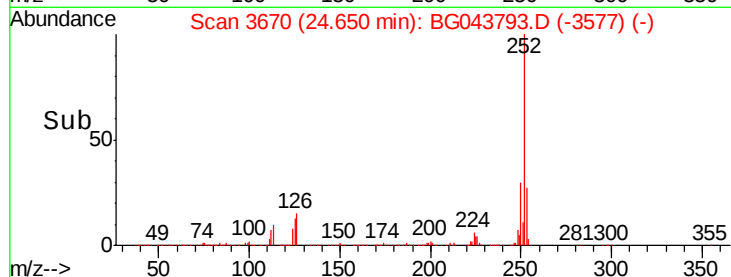
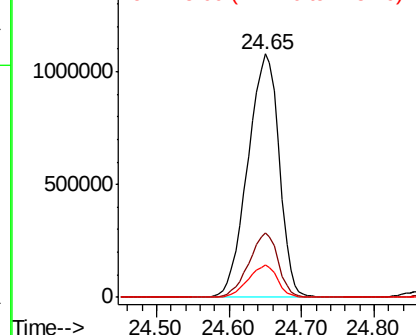


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 78.883 ng
RT: 28.46 min Scan# 4319
Delta R.T. 0.03 min
Lab File: BG043793.D
Acq: 9 Dec 2019 16:05

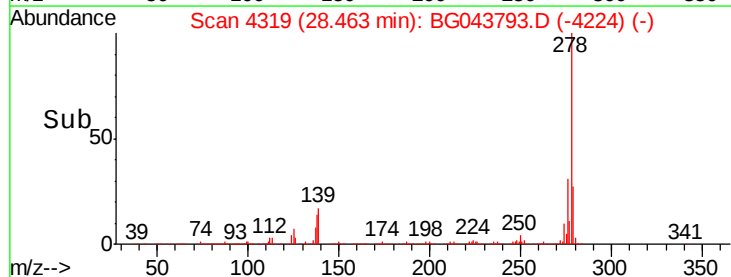
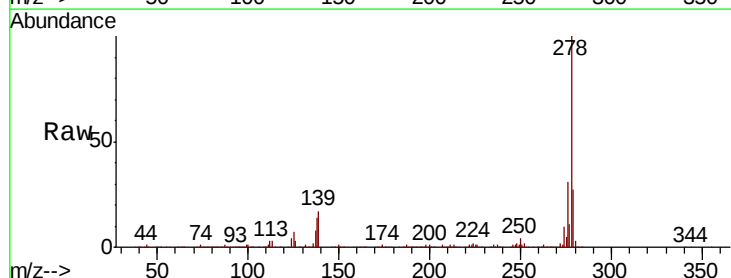
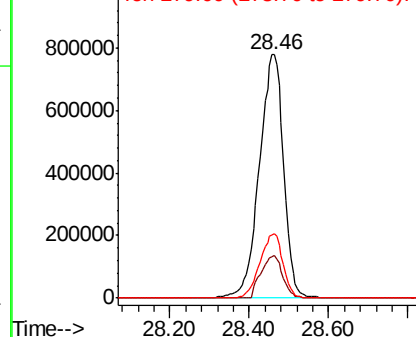
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.2	19.8
279	26.6	19.8	29.6

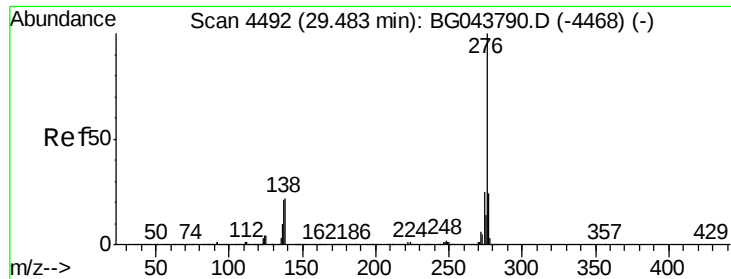
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 79.550 ng

RT: 29.51 min Scan# 4497

Delta R.T. 0.03 min

Lab File: BG043793.D

Acq: 9 Dec 2019 16:05

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:276 Resp: 3293574

Ion Ratio Lower Upper

276 100

277 25.1 19.3 28.9

138 23.3 17.6 26.4

Manual Integrations

APPROVED

mohammad

12/10/2019 11:51:06 AM

